Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
Data File : PQ055858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2022 17:29
Operator : AJ\MA
Sample : PB142201BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 03:41:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 20 13:18:56 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	5.237	4.296	251.5E6	220.1E6	18.569	19.576	
2)	SA Decachlor...	11.419	9.661	313.1E6	160.4E6	21.448	20.109	
	Target Compounds							
3)	L1 AR-1016-1	6.565	5.565	137.4E6	132.0E6	392.941	429.691	
4)	L1 AR-1016-2	6.589	5.586	261.4E6	260.6E6	384.456	418.376	
5)	L1 AR-1016-3	6.655	5.779	179.6E6	112.4E6	394.926	411.740	
6)	L1 AR-1016-4	6.762	5.825	144.2E6	98757088	389.320	391.365	
7)	L1 AR-1016-5	7.074	6.057	115.2E6	116.5E6	393.439	398.055	
8)	L2 AR-1221-1	5.491	4.556	23750629	13839555	166.422	122.208	#
9)	L2 AR-1221-2	5.591	4.658	23846142	17904875	217.386	204.571	
10)	L2 AR-1221-3	5.678	4.748	97206205	84290578	299.549	298.738	
11)	L3 AR-1232-1	5.678	4.748	97206205	84290578	362.419	366.703	
12)	L3 AR-1232-2	6.266	5.586	140.5E6	260.6E6	947.905	1071.691	
13)	L3 AR-1232-3	6.589	5.779	261.4E6	112.4E6	940.654	1081.938	
14)	L3 AR-1232-4	6.762	5.871	144.2E6	115.9E6	974.878	1116.873	
15)	L3 AR-1232-5	6.854	6.057	99966298	116.5E6	1057.230	1062.560	
16)	L4 AR-1242-1	6.565	5.565	137.4E6	132.0E6	509.274	570.102	
17)	L4 AR-1242-2	6.589	5.586	261.4E6	260.6E6	499.370	553.458	
18)	L4 AR-1242-3	6.655	5.779	179.6E6	112.4E6	496.509	541.167	
19)	L4 AR-1242-4	6.762	5.871	144.2E6	115.9E6	494.185	519.725	
20)	L4 AR-1242-5	7.546	6.437	18316702	94697536	69.093	350.692	#
21)	L5 AR-1248-1	6.565	5.565	137.4E6	132.0E6	656.219	763.352	
22)	L5 AR-1248-2	6.854	5.825	99966298	98757088	312.214	309.579	
23)	L5 AR-1248-3	7.074	5.871	115.2E6	115.9E6	304.494	354.144	
24)	L5 AR-1248-4	7.504	6.057	19108650	116.5E6	45.168	308.949	#
25)	L5 AR-1248-5	7.546	6.484	18316702	14901727	39.780	40.532	
26)	L6 AR-1254-1	7.472	6.437	80602526	94697536	197.838	152.759	
27)	L6 AR-1254-2	7.700	6.595	88329076	88336080	136.330	163.124	
28)	L6 AR-1254-3	8.085	7.033	56396562	156.2E6	72.116	181.127	#
29)	L6 AR-1254-4	8.379	7.259	35027621	14027846	61.828	22.448	#
30)	L6 AR-1254-5	8.809	7.685	346.4E6	311.1E6	548.863	410.225	#
31)	L7 AR-1260-1	8.250	7.153	199.3E6	231.3E6	414.601	422.365	
32)	L7 AR-1260-2	8.515	7.349	248.0E6	283.9E6	421.016	427.723	
33)	L7 AR-1260-3	8.881	7.506	187.4E6	262.9E6	374.730	427.147	
34)	L7 AR-1260-4	9.124	7.989	244.6E6	178.9E6	419.980	354.183	
35)	L7 AR-1260-5	9.471	8.235	506.7E6	435.7E6	385.534	366.788	
36)	L8 AR-1262-1	8.881	7.685	187.4E6	311.1E6	261.587	855.952	#
37)	L8 AR-1262-2	9.471	8.235	506.7E6	435.7E6	338.611	329.337	
38)	L8 AR-1262-3	9.803	8.522	101.1E6	77974848	131.362	157.534	
39)	L8 AR-1262-4	9.885f	8.586	225.7E6	303.6E6	341.186	328.942	
40)	L8 AR-1262-5	10.615	9.094	175.6E6	87775864	256.694	220.313	
41)	L9 AR-1268-1	9.803	8.522	101.1E6	77974848	53.465	53.201	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
Data File : PQ055858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2022 17:29
Operator : AJ\MA
Sample : PB142201BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 03:41:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 20 13:18:56 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	9.885f	8.586	225.7E6	303.6E6	113.010	229.085 #
43)	L9 AR-1268-3	10.146	8.797	10723388	5807096	6.269	5.259
44)	L9 AR-1268-4	10.615	9.094	175.6E6	87775864	235.526	199.729
45)	L9 AR-1268-5	11.057	9.397	61559355	28203923	11.205	8.524

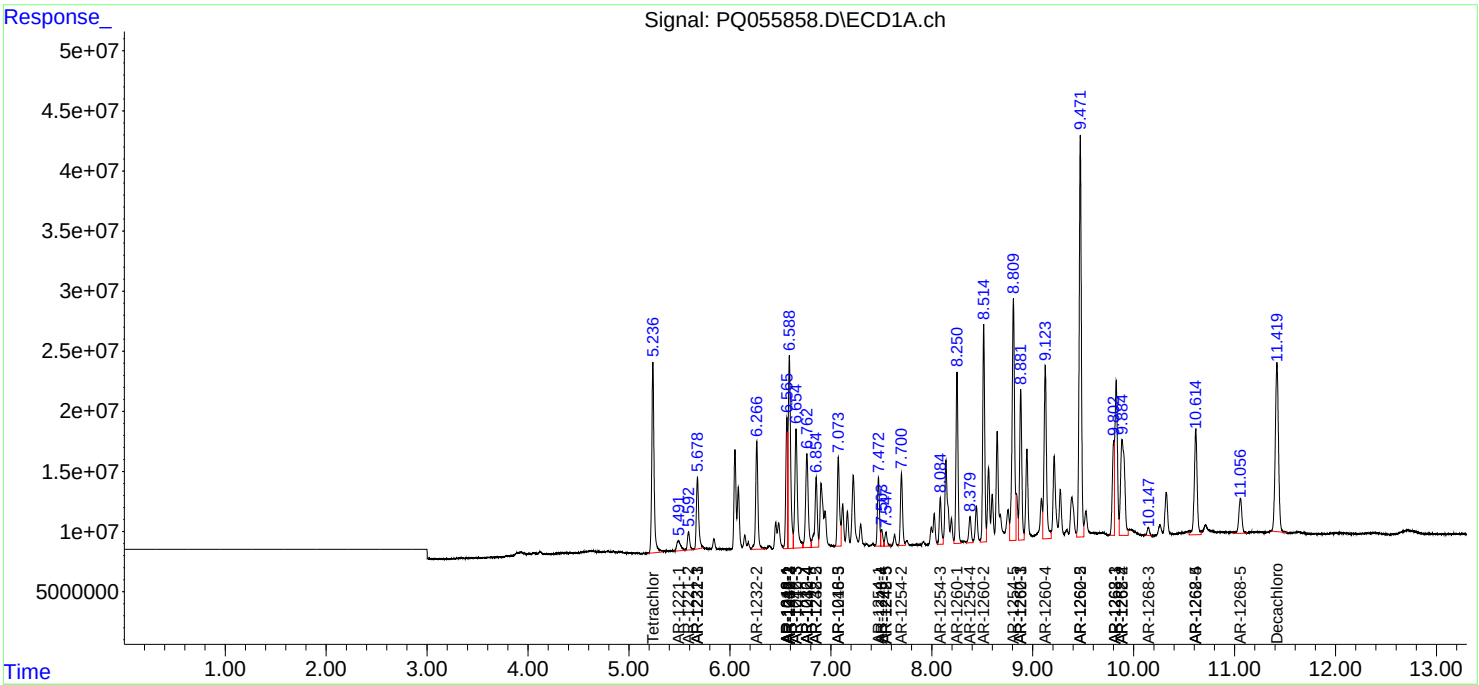
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

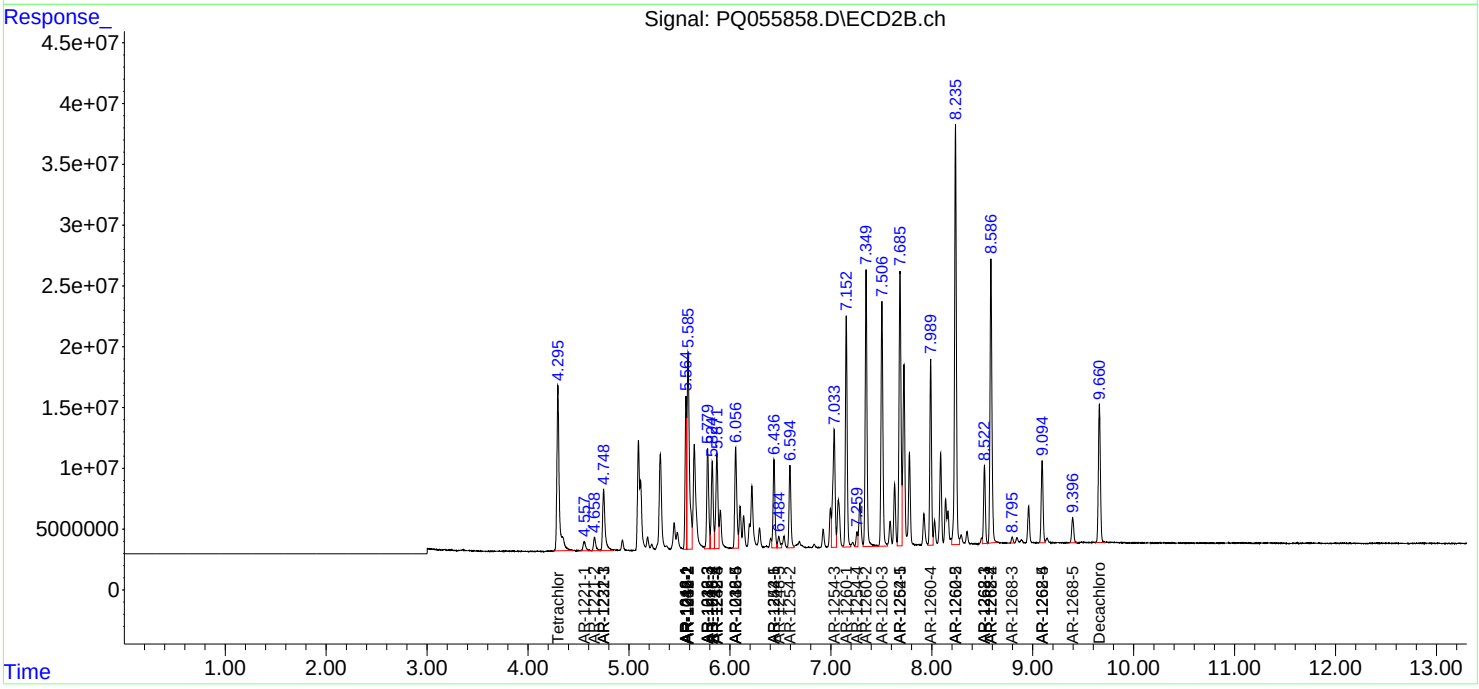
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012122\
Data File : PQ055858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2022 17:29
Operator : AJ\MA
Sample : PB142201BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

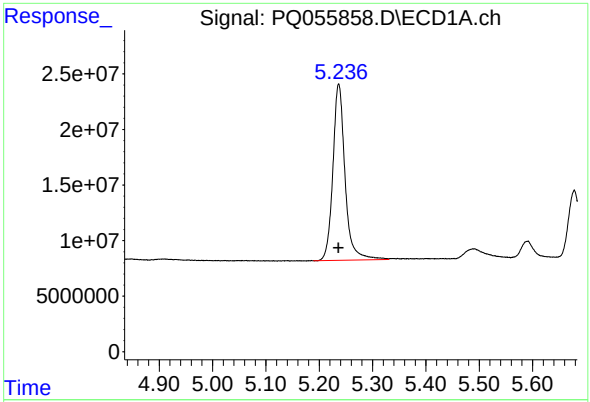
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 03:41:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jan 20 13:18:56 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



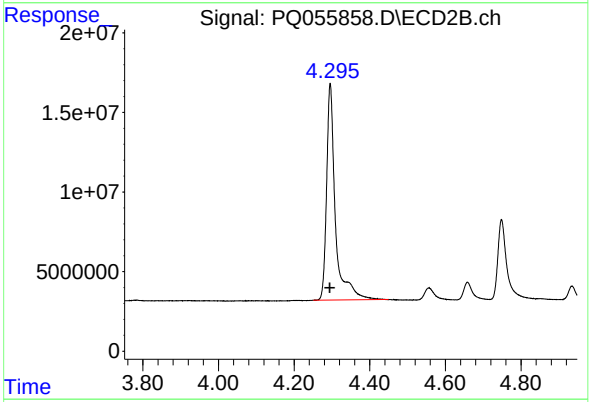




#1 Tetrachloro-m-xylene

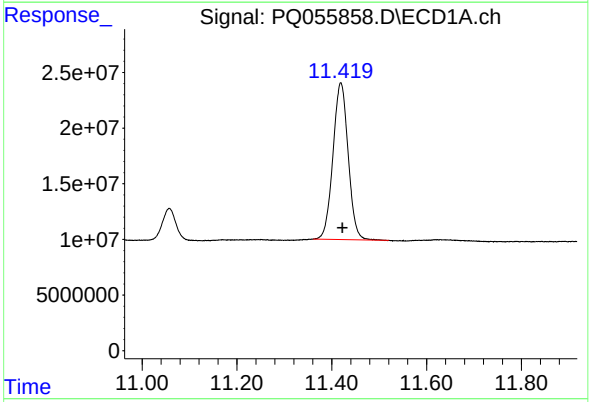
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 251499591
Conc: 18.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



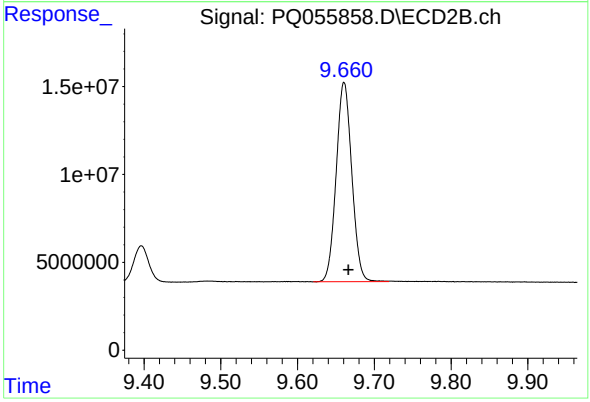
#1 Tetrachloro-m-xylene

R.T.: 4.296 min
Delta R.T.: 0.001 min
Response: 220101664
Conc: 19.58 ng/ml



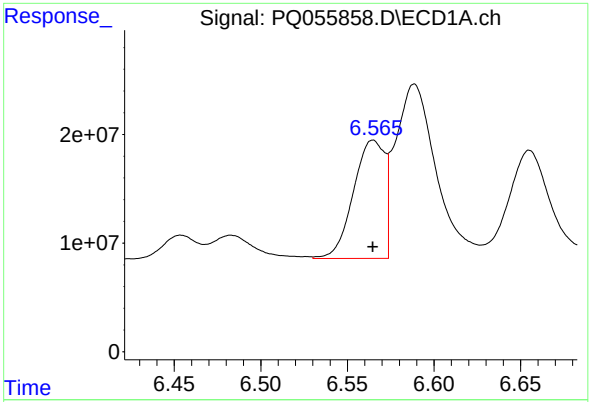
#2 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: -0.003 min
Response: 313115919
Conc: 21.45 ng/ml



#2 Decachlorobiphenyl

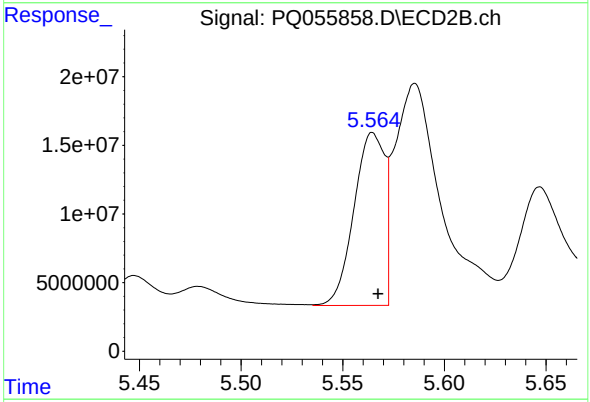
R.T.: 9.661 min
Delta R.T.: -0.005 min
Response: 160368673
Conc: 20.11 ng/ml



#3 AR-1016-1

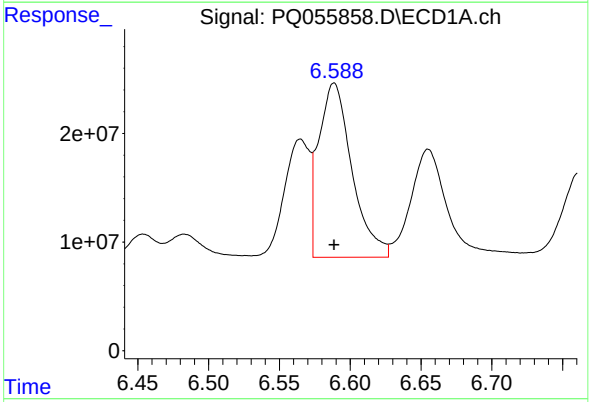
R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 137410448
Conc: 392.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



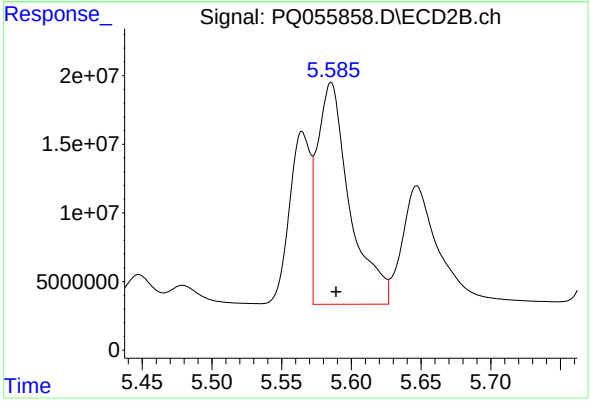
#3 AR-1016-1

R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 131953154
Conc: 429.69 ng/ml



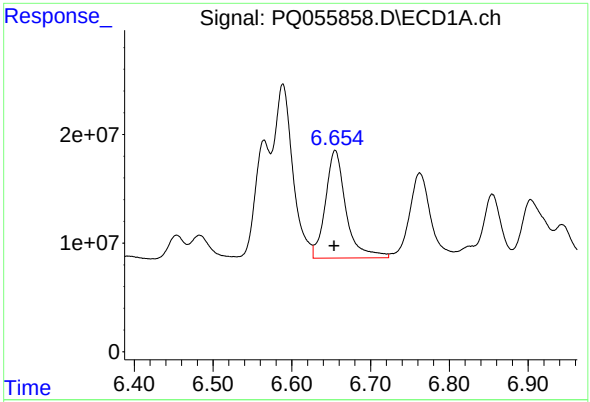
#4 AR-1016-2

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 261377546
Conc: 384.46 ng/ml



#4 AR-1016-2

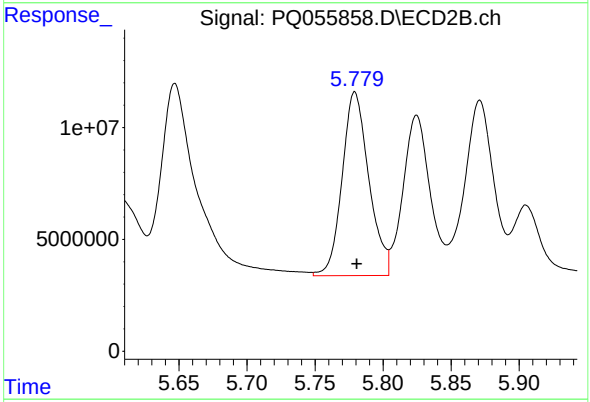
R.T.: 5.586 min
Delta R.T.: -0.004 min
Response: 260600176
Conc: 418.38 ng/ml



#5 AR-1016-3

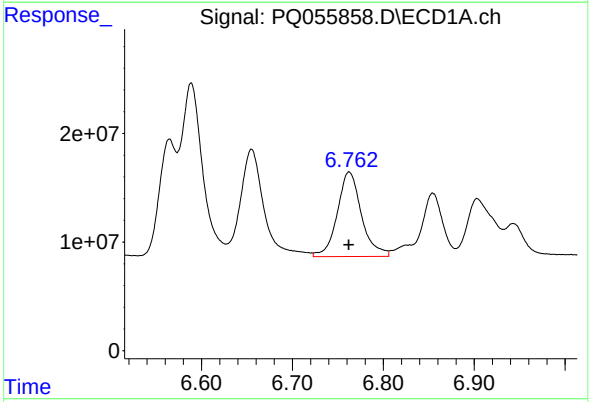
R.T.: 6.655 min
Delta R.T.: 0.001 min
Response: 179558279
Conc: 394.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



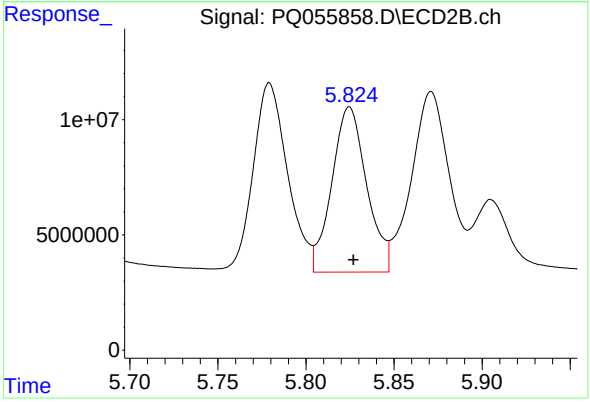
#5 AR-1016-3

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 112382005
Conc: 411.74 ng/ml



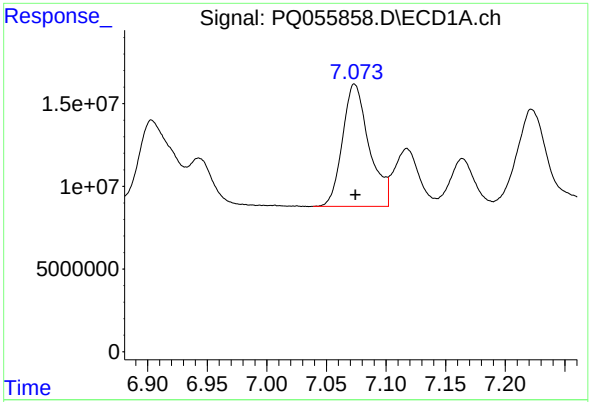
#6 AR-1016-4

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 144174309
Conc: 389.32 ng/ml



#6 AR-1016-4

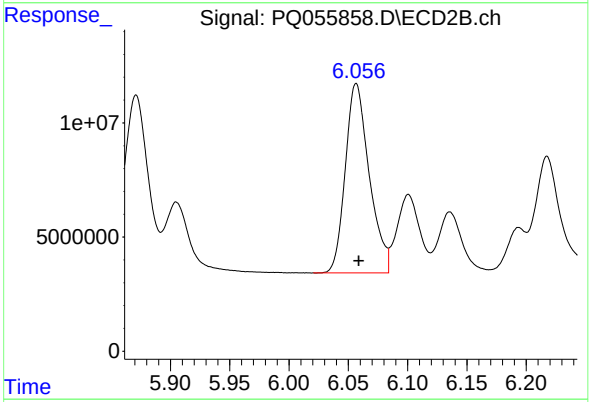
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 98757088
Conc: 391.37 ng/ml



#7 AR-1016-5

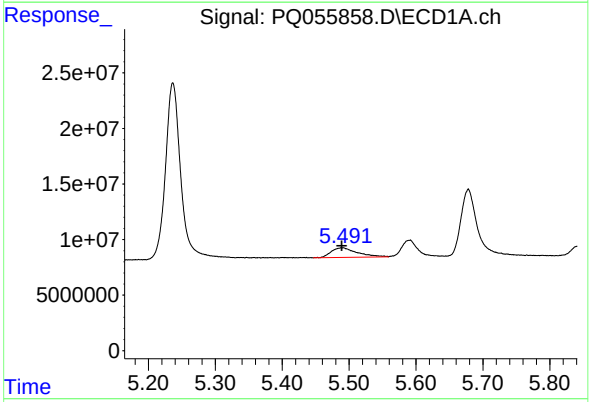
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 115201611
Conc: 393.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



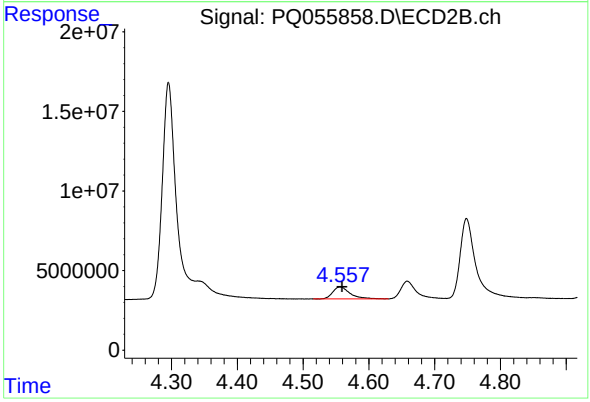
#7 AR-1016-5

R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 116536580
Conc: 398.06 ng/ml



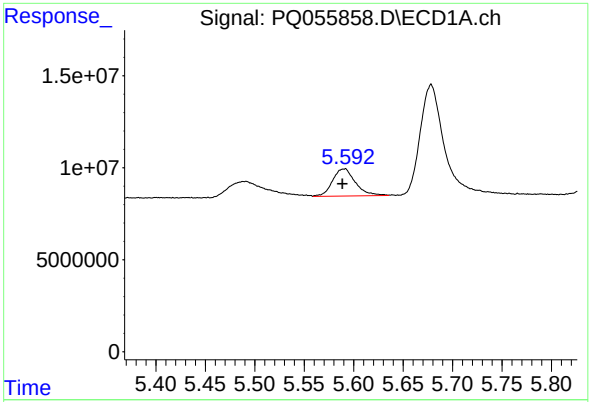
#8 AR-1221-1

R.T.: 5.491 min
Delta R.T.: 0.002 min
Response: 23750629
Conc: 166.42 ng/ml



#8 AR-1221-1

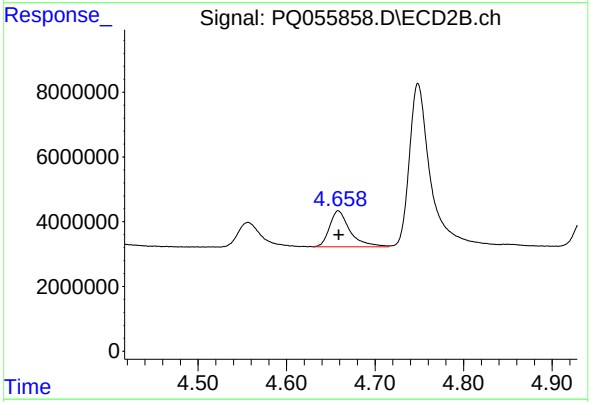
R.T.: 4.556 min
Delta R.T.: -0.003 min
Response: 13839555
Conc: 122.21 ng/ml



#9 AR-1221-2

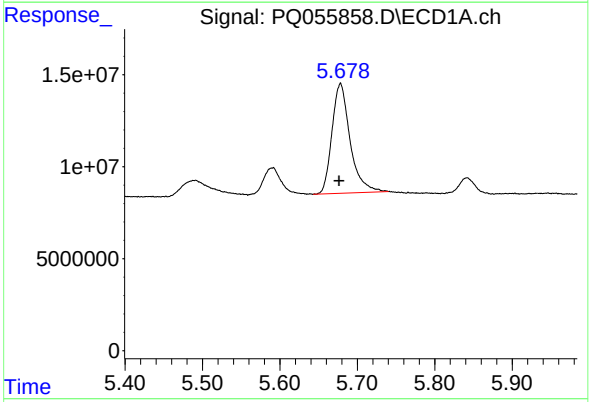
R.T.: 5.591 min
Delta R.T.: 0.002 min
Response: 23846142
Conc: 217.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



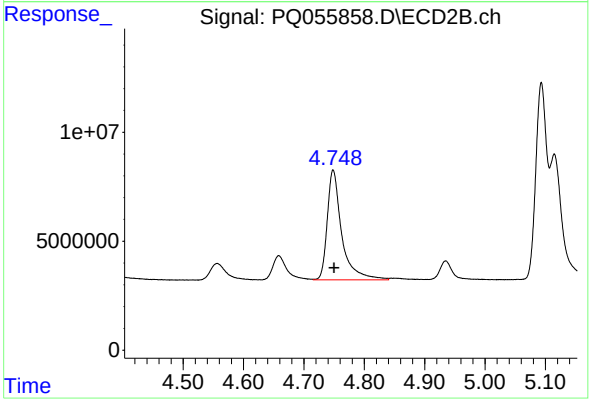
#9 AR-1221-2

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 17904875
Conc: 204.57 ng/ml



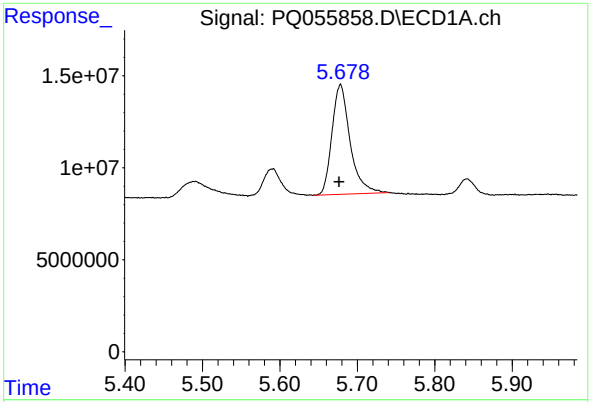
#10 AR-1221-3

R.T.: 5.678 min
Delta R.T.: 0.002 min
Response: 97206205
Conc: 299.55 ng/ml



#10 AR-1221-3

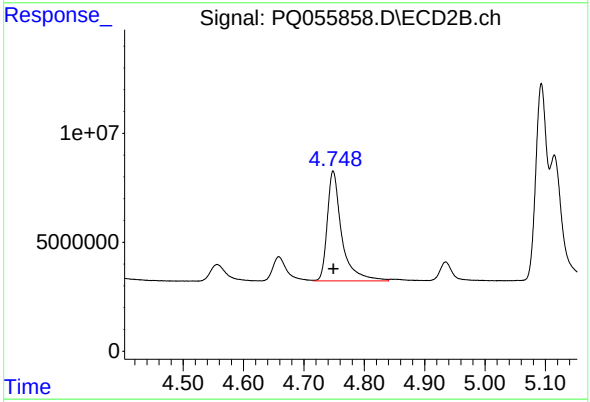
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 84290578
Conc: 298.74 ng/ml



#11 AR-1232-1

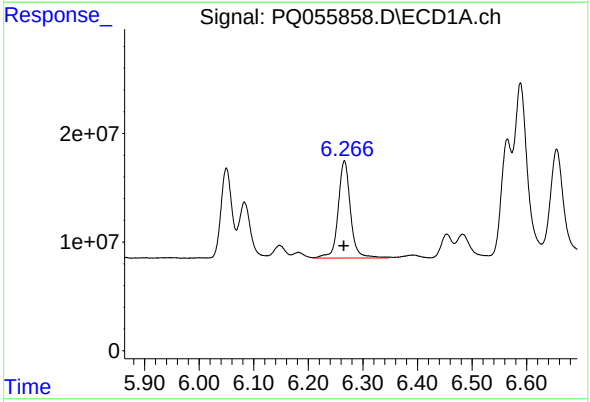
R.T.: 5.678 min
Delta R.T.: 0.002 min
Response: 97206205
Conc: 362.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



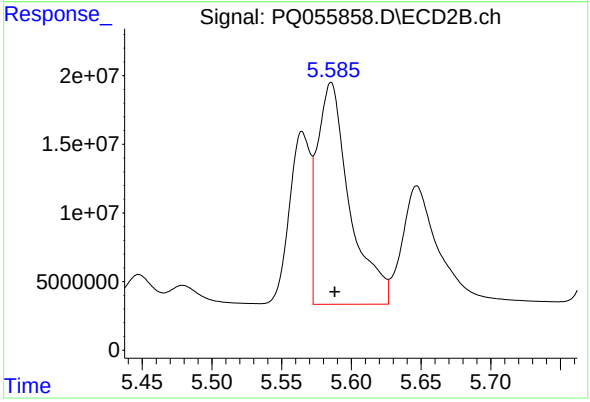
#11 AR-1232-1

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 84290578
Conc: 366.70 ng/ml



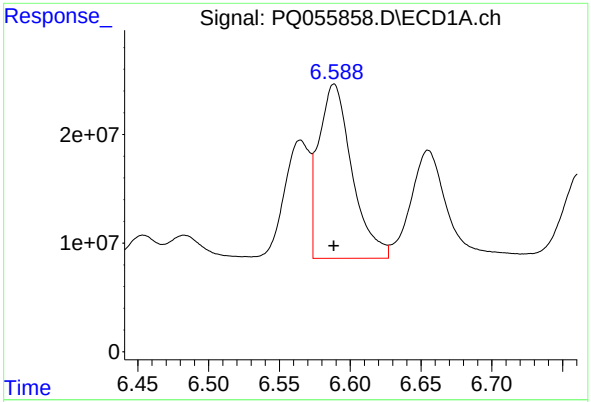
#12 AR-1232-2

R.T.: 6.266 min
Delta R.T.: 0.001 min
Response: 140534491
Conc: 947.91 ng/ml



#12 AR-1232-2

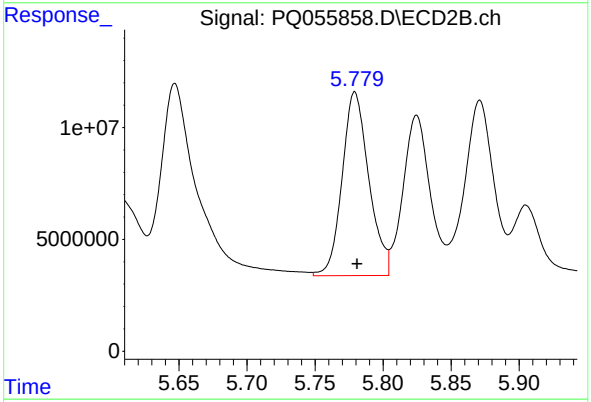
R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 260600176
Conc: 1071.69 ng/ml



#13 AR-1232-3

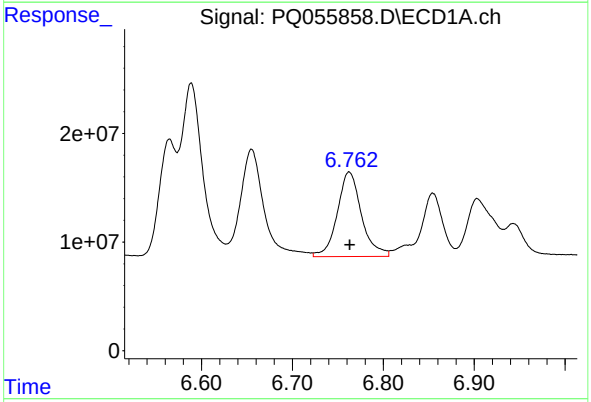
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 261377546
Conc: 940.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



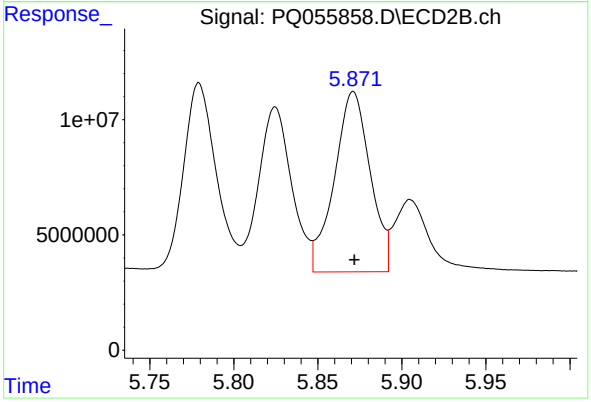
#13 AR-1232-3

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 112382005
Conc: 1081.94 ng/ml



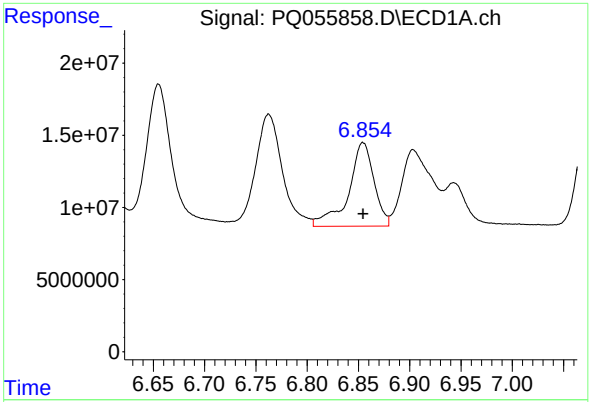
#14 AR-1232-4

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 144174309
Conc: 974.88 ng/ml



#14 AR-1232-4

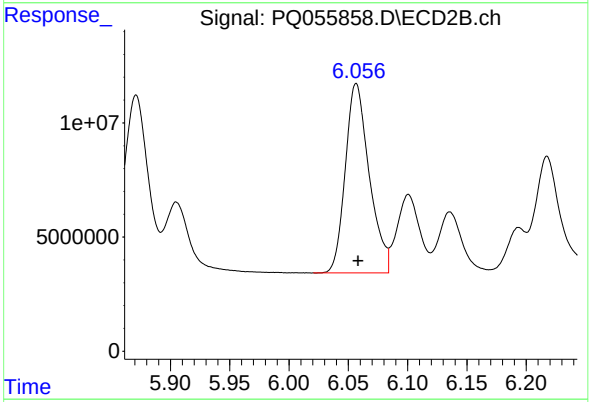
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 115935548
Conc: 1116.87 ng/ml



#15 AR-1232-5

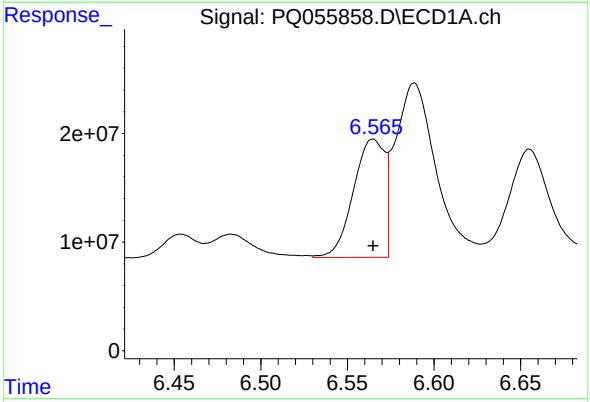
R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 99966298
Conc: 1057.23 ng/m

Instrument :
ECD_Q
ClientSampleId :



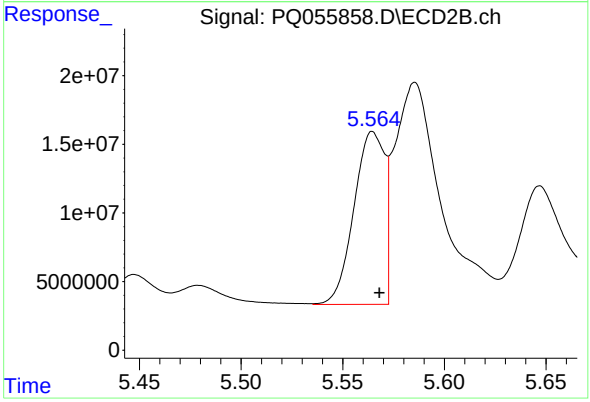
#15 AR-1232-5

R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 116536580
Conc: 1062.56 ng/ml



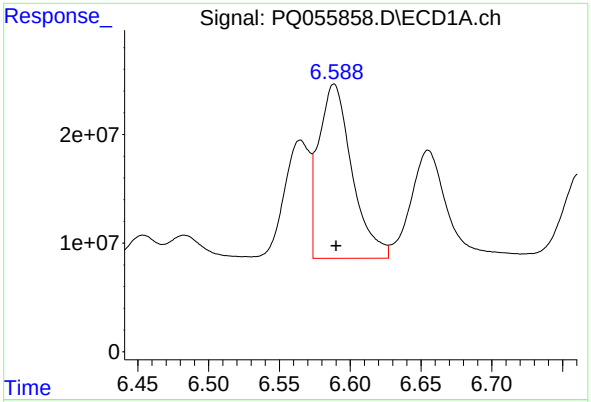
#16 AR-1242-1

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 137410448
Conc: 509.27 ng/ml



#16 AR-1242-1

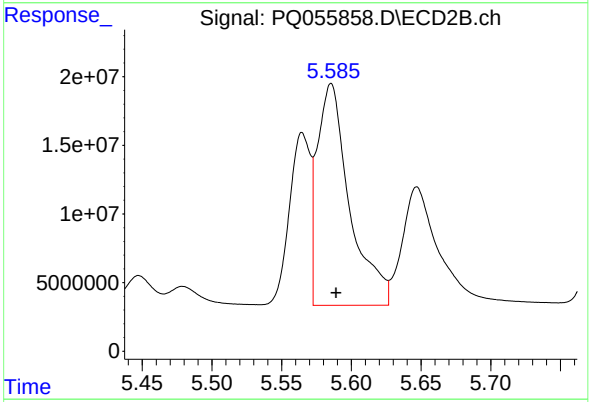
R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 131953154
Conc: 570.10 ng/ml



#17 AR-1242-2

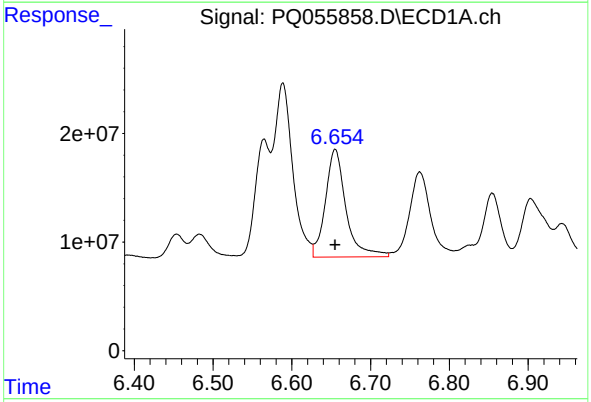
R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 261377546
Conc: 499.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



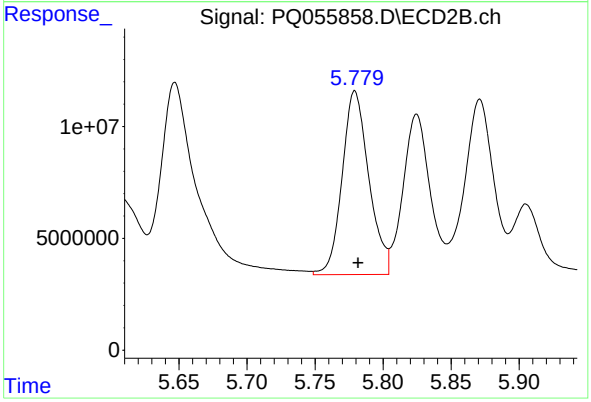
#17 AR-1242-2

R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 260600176
Conc: 553.46 ng/ml



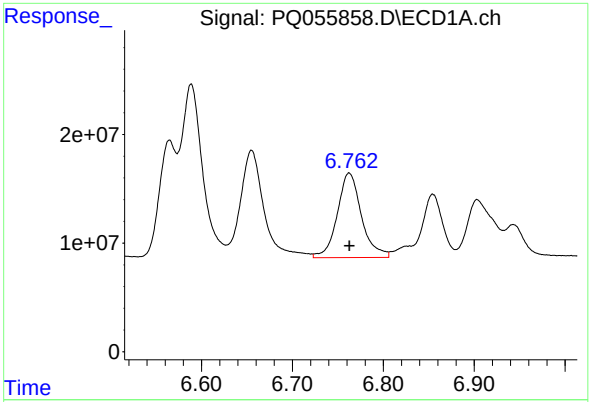
#18 AR-1242-3

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 179558279
Conc: 496.51 ng/ml



#18 AR-1242-3

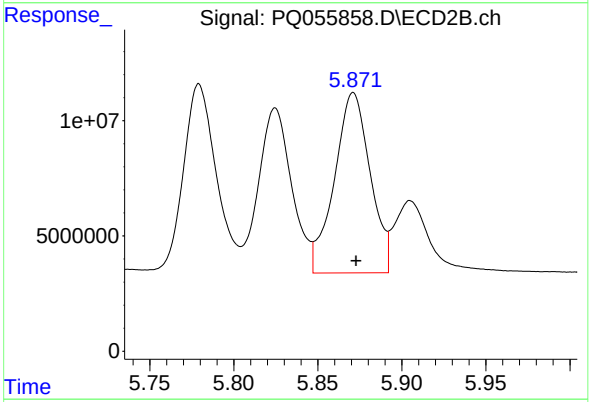
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 112382005
Conc: 541.17 ng/ml



#19 AR-1242-4

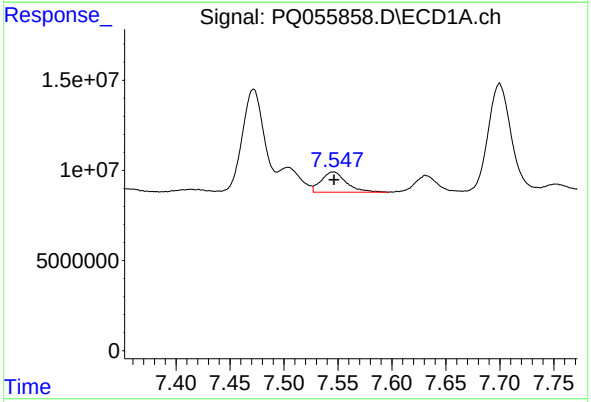
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 144174309
Conc: 494.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



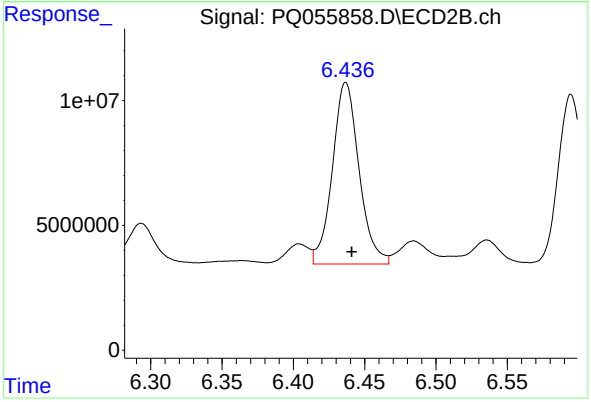
#19 AR-1242-4

R.T.: 5.871 min
Delta R.T.: -0.002 min
Response: 115935548
Conc: 519.72 ng/ml



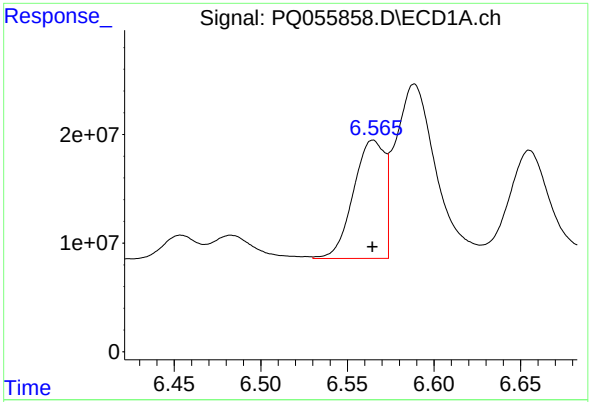
#20 AR-1242-5

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 18316702
Conc: 69.09 ng/ml



#20 AR-1242-5

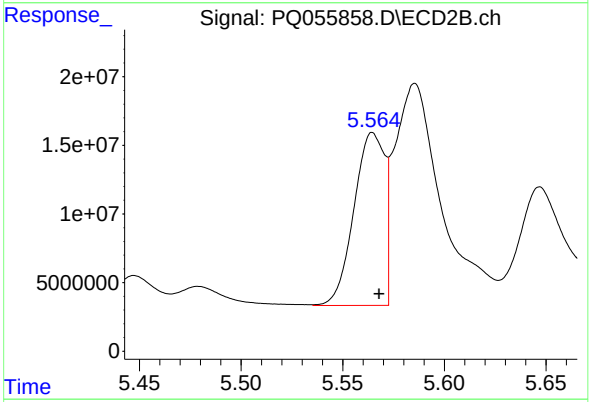
R.T.: 6.437 min
Delta R.T.: -0.004 min
Response: 94697536
Conc: 350.69 ng/ml



#21 AR-1248-1

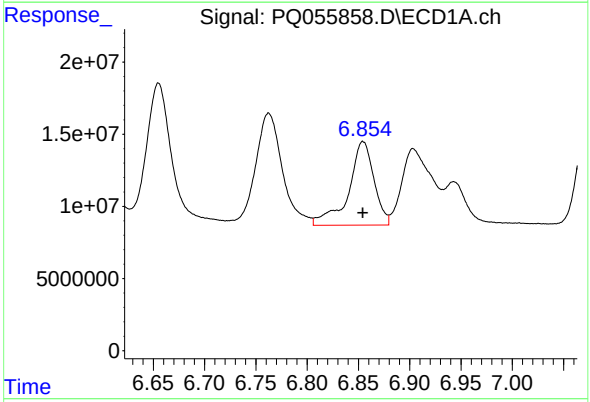
R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 137410448
Conc: 656.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



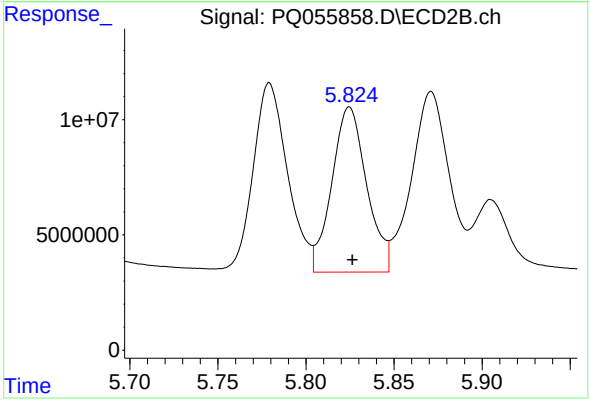
#21 AR-1248-1

R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 131953154
Conc: 763.35 ng/ml



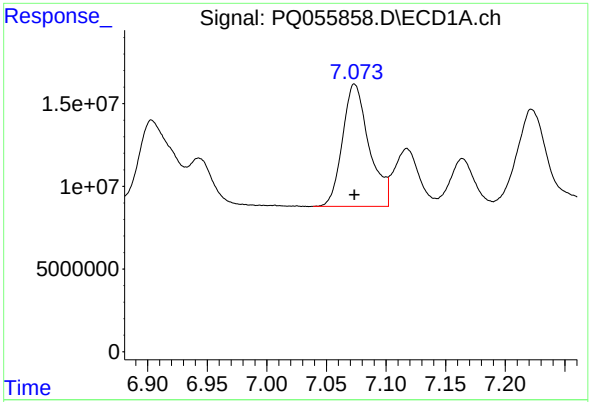
#22 AR-1248-2

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 99966298
Conc: 312.21 ng/ml



#22 AR-1248-2

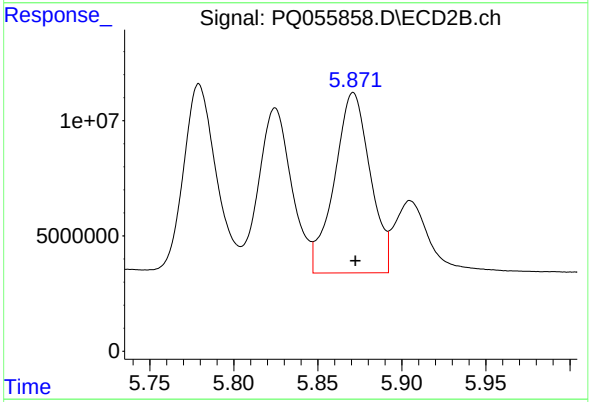
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 98757088
Conc: 309.58 ng/ml



#23 AR-1248-3

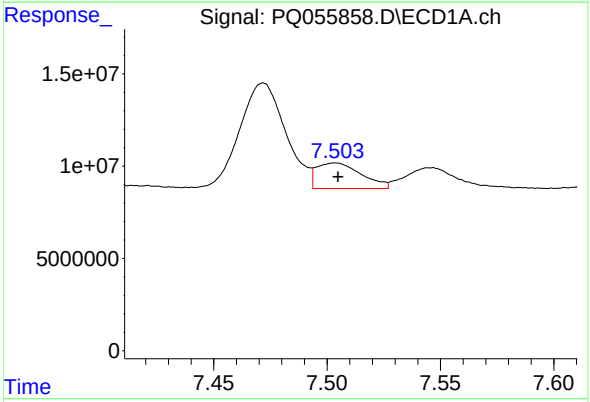
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 115201611
Conc: 304.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



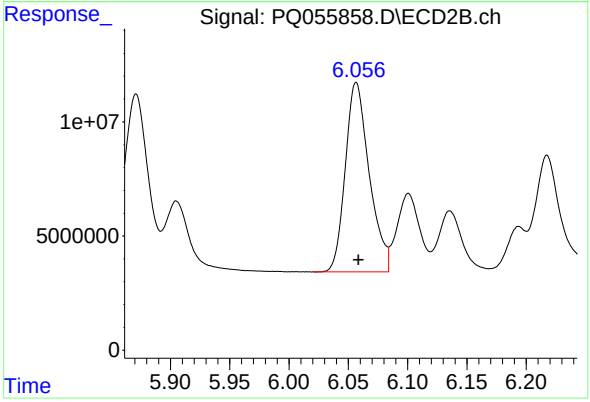
#23 AR-1248-3

R.T.: 5.871 min
Delta R.T.: -0.001 min
Response: 115935548
Conc: 354.14 ng/ml



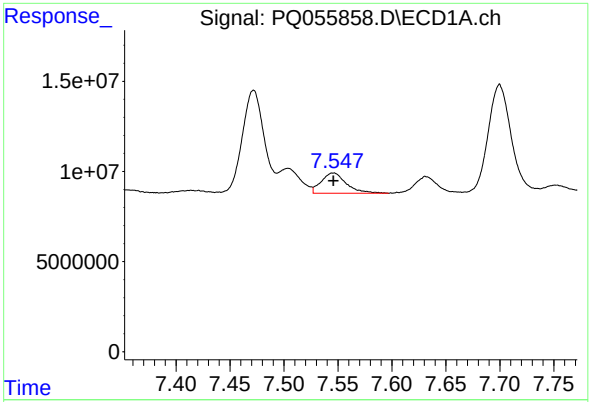
#24 AR-1248-4

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 19108650
Conc: 45.17 ng/ml



#24 AR-1248-4

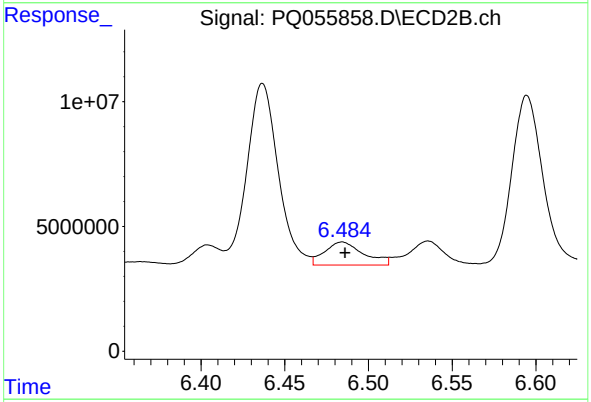
R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 116536580
Conc: 308.95 ng/ml



#25 AR-1248-5

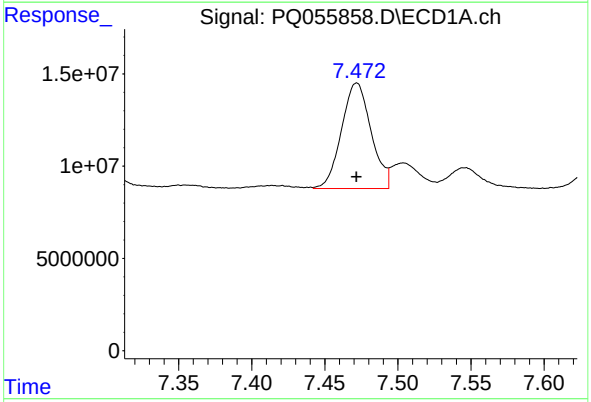
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 18316702
Conc: 39.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



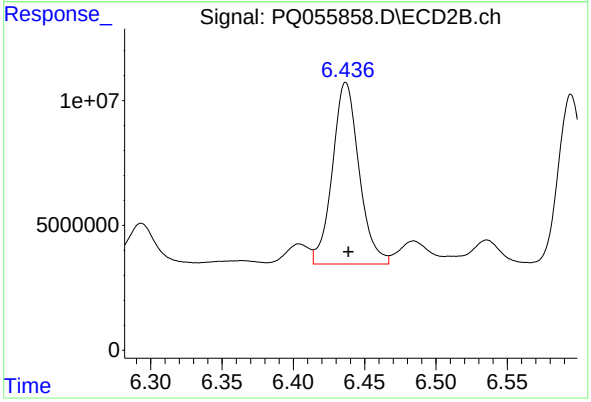
#25 AR-1248-5

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 14901727
Conc: 40.53 ng/ml



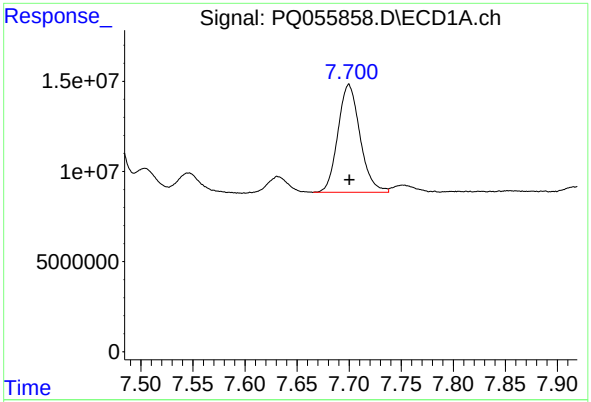
#26 AR-1254-1

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 80602526
Conc: 197.84 ng/ml



#26 AR-1254-1

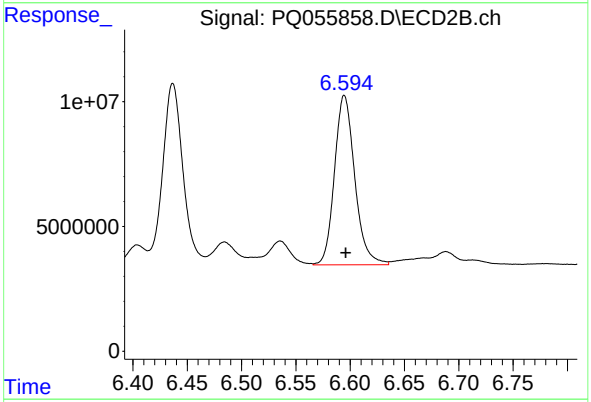
R.T.: 6.437 min
Delta R.T.: -0.002 min
Response: 94697536
Conc: 152.76 ng/ml



#27 AR-1254-2

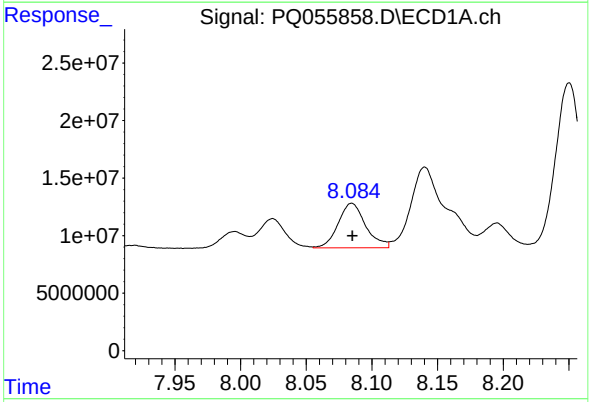
R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 88329076
Conc: 136.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



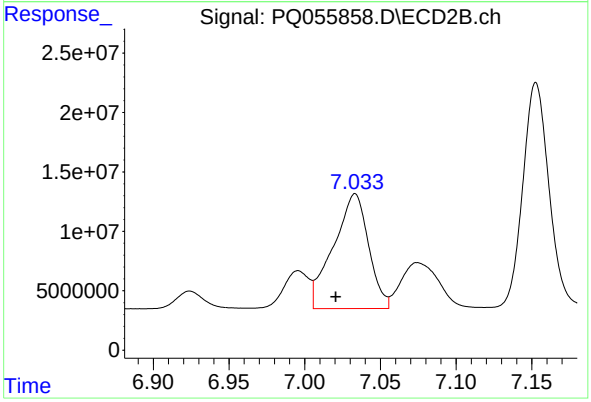
#27 AR-1254-2

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 88336080
Conc: 163.12 ng/ml



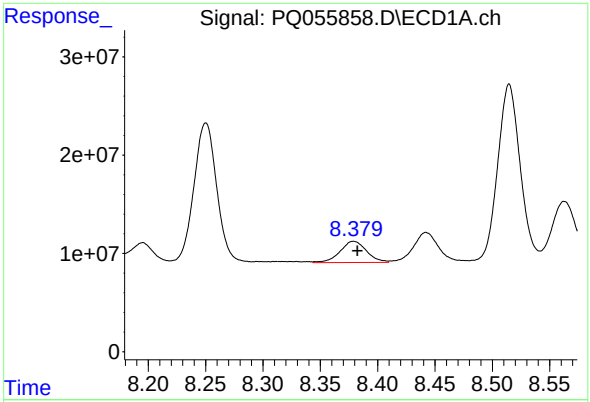
#28 AR-1254-3

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 56396562
Conc: 72.12 ng/ml



#28 AR-1254-3

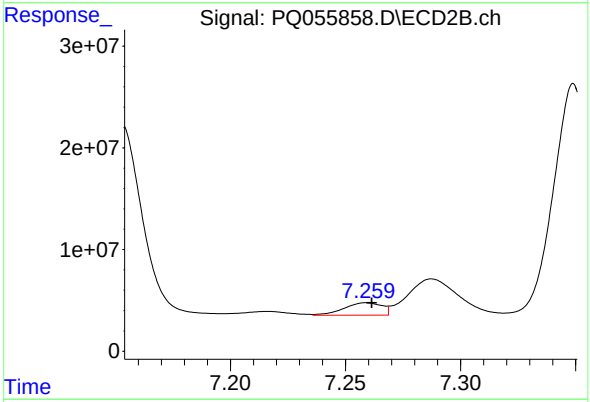
R.T.: 7.033 min
Delta R.T.: 0.013 min
Response: 156230710
Conc: 181.13 ng/ml



#29 AR-1254-4

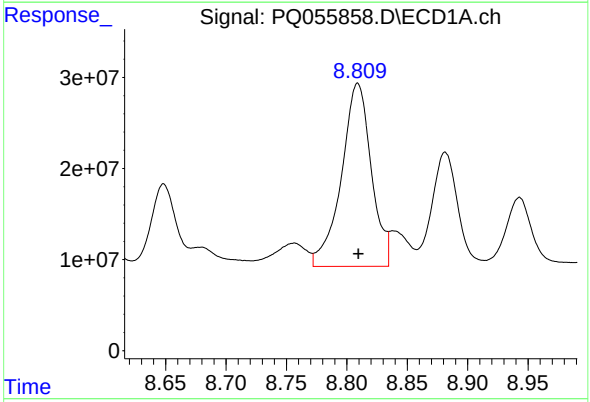
R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 35027621
Conc: 61.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



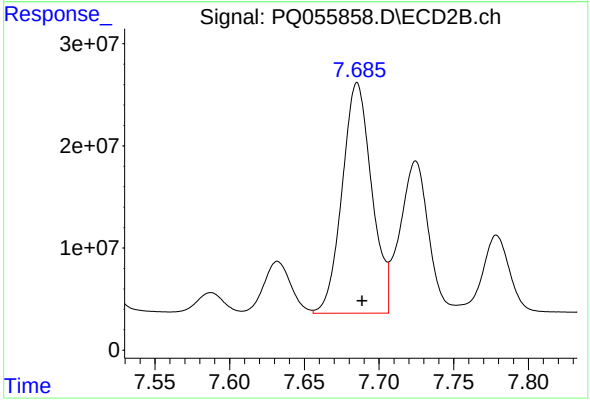
#29 AR-1254-4

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 14027846
Conc: 22.45 ng/ml



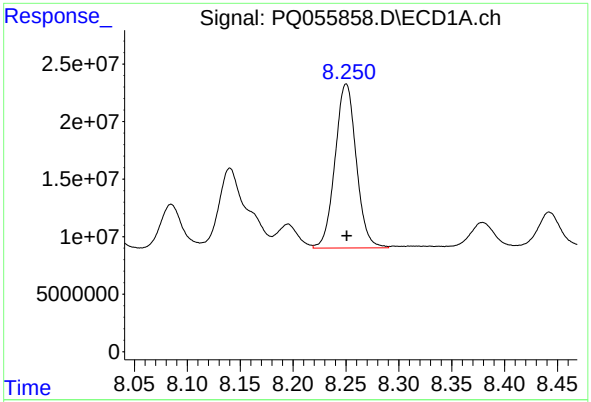
#30 AR-1254-5

R.T.: 8.809 min
Delta R.T.: 0.000 min
Response: 346440706
Conc: 548.86 ng/ml



#30 AR-1254-5

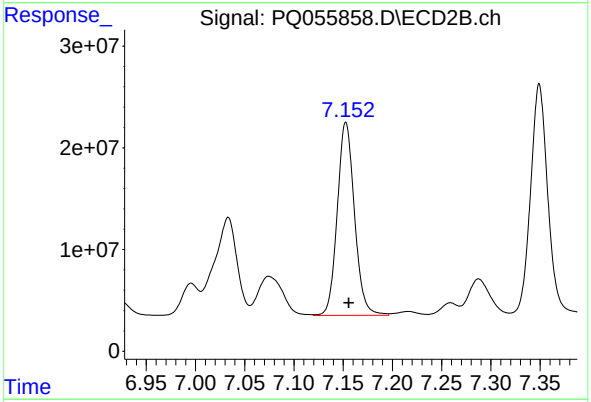
R.T.: 7.685 min
Delta R.T.: -0.003 min
Response: 311082958
Conc: 410.23 ng/ml



#31 AR-1260-1

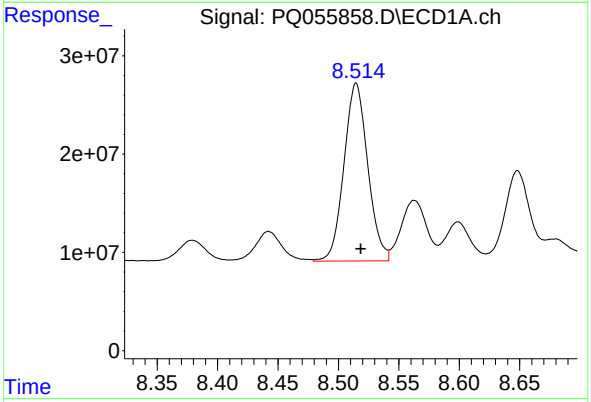
R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 199271925
Conc: 414.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



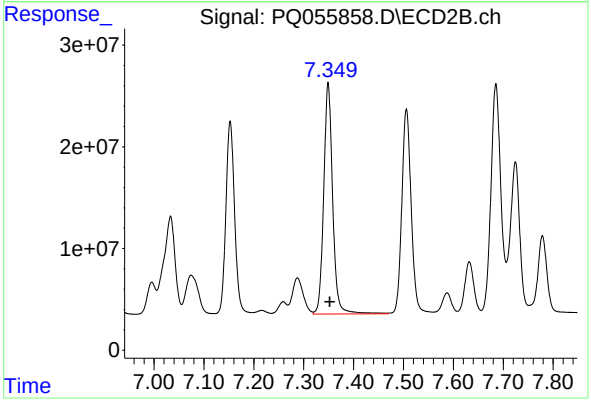
#31 AR-1260-1

R.T.: 7.153 min
Delta R.T.: -0.003 min
Response: 231277987
Conc: 422.37 ng/ml



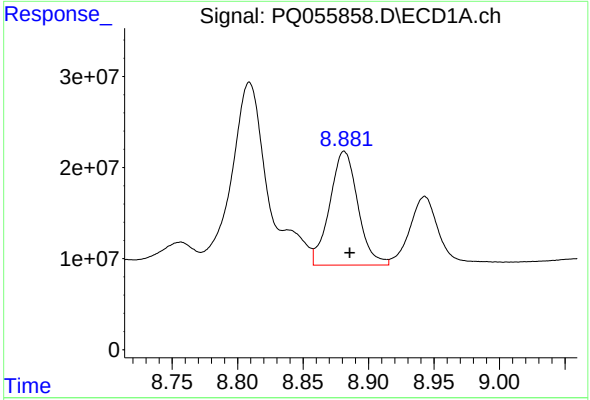
#32 AR-1260-2

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 248011186
Conc: 421.02 ng/ml



#32 AR-1260-2

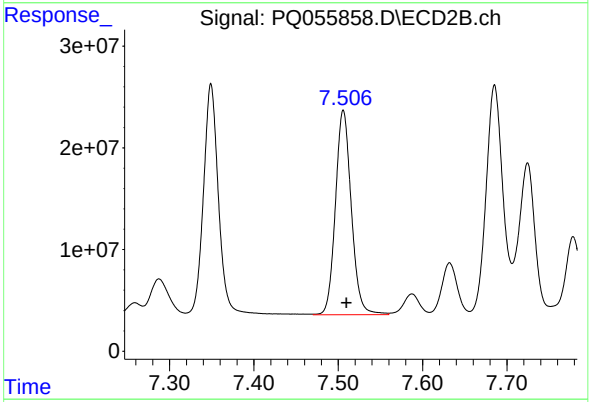
R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 283917794
Conc: 427.72 ng/ml



#33 AR-1260-3

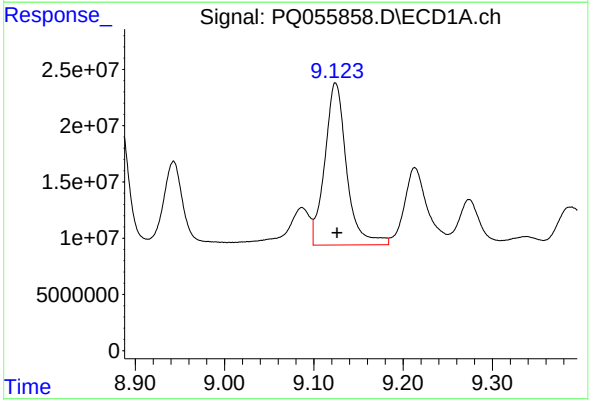
R.T.: 8.881 min
Delta R.T.: -0.004 min
Response: 187383207
Conc: 374.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



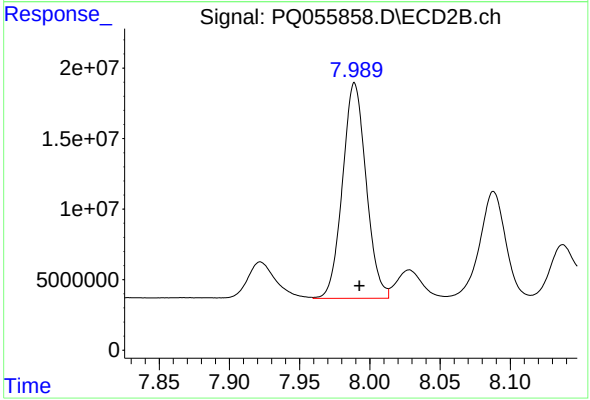
#33 AR-1260-3

R.T.: 7.506 min
Delta R.T.: -0.004 min
Response: 262925470
Conc: 427.15 ng/ml



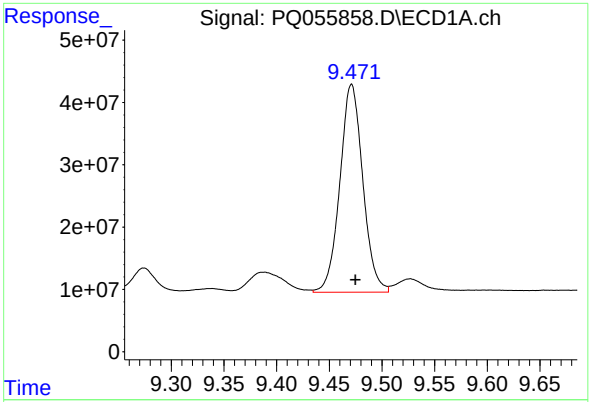
#34 AR-1260-4

R.T.: 9.124 min
Delta R.T.: -0.002 min
Response: 244640233
Conc: 419.98 ng/ml



#34 AR-1260-4

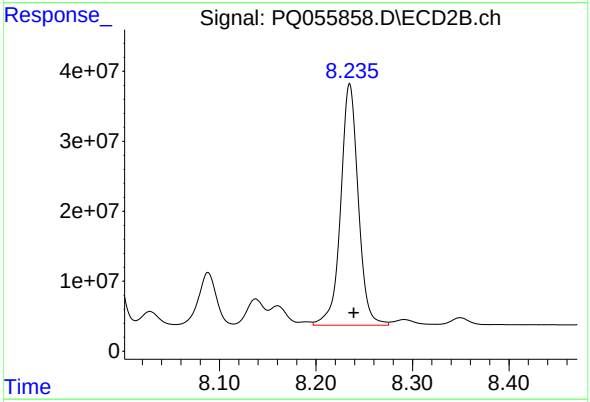
R.T.: 7.989 min
Delta R.T.: -0.004 min
Response: 178914630
Conc: 354.18 ng/ml



#35 AR-1260-5

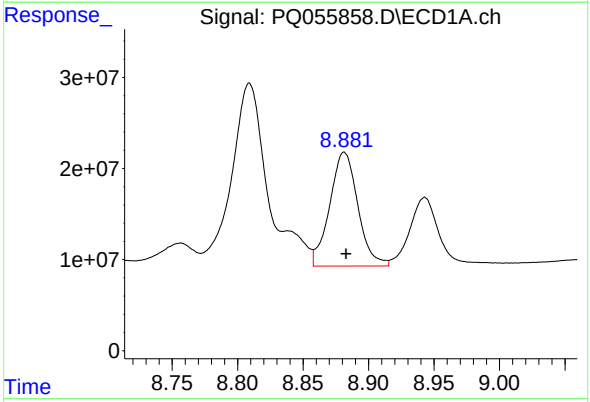
R.T.: 9.471 min
Delta R.T.: -0.004 min
Response: 506699370
Conc: 385.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



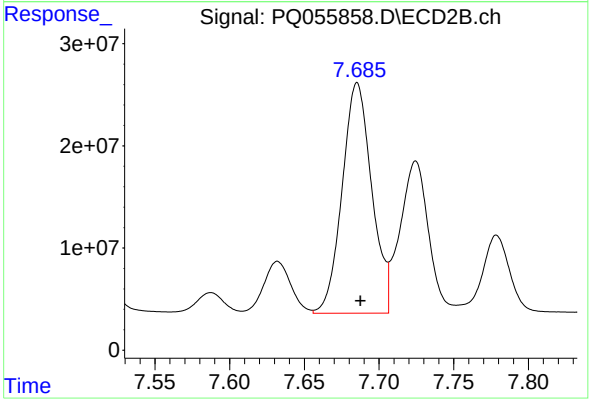
#35 AR-1260-5

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 435694201
Conc: 366.79 ng/ml



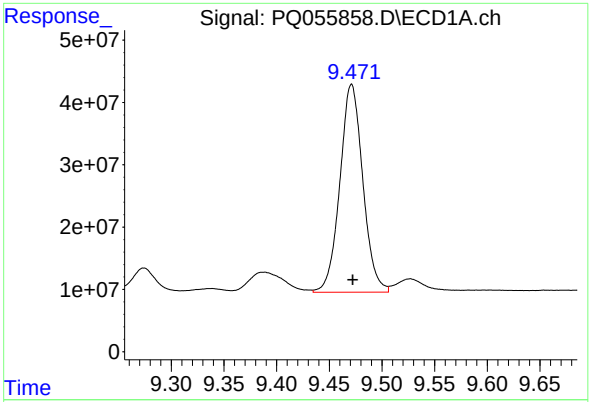
#36 AR-1262-1

R.T.: 8.881 min
Delta R.T.: -0.001 min
Response: 187383207
Conc: 261.59 ng/ml



#36 AR-1262-1

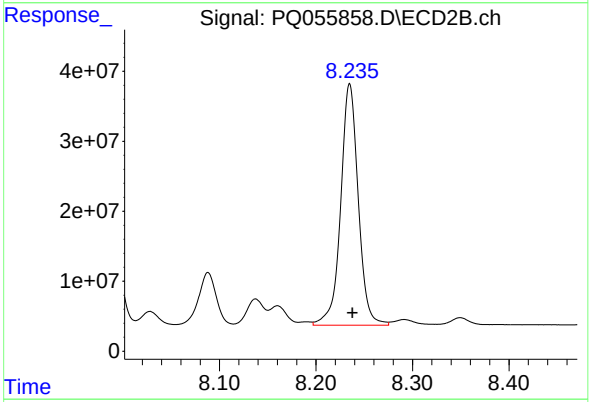
R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 311082958
Conc: 855.95 ng/ml



#37 AR-1262-2

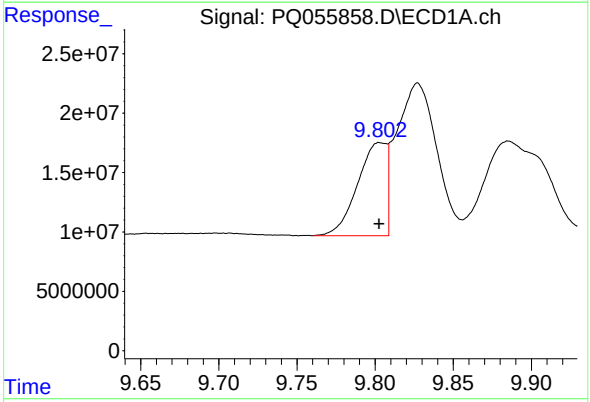
R.T.: 9.471 min
Delta R.T.: -0.001 min
Response: 506699370
Conc: 338.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



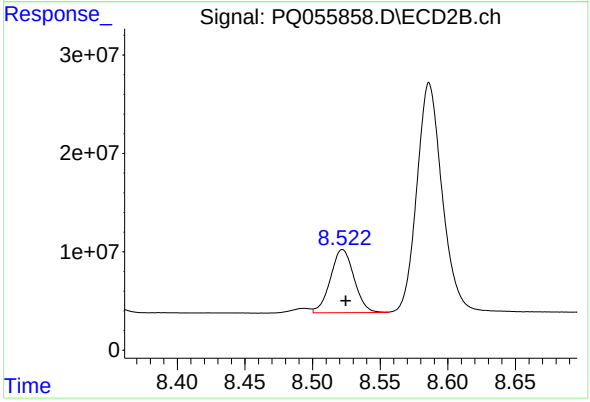
#37 AR-1262-2

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 435694201
Conc: 329.34 ng/ml



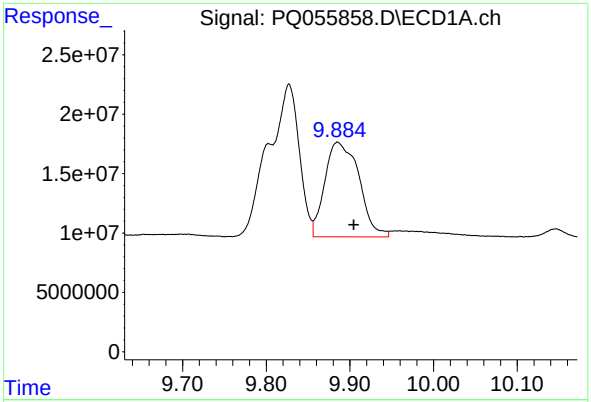
#38 AR-1262-3

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 101064478
Conc: 131.36 ng/ml



#38 AR-1262-3

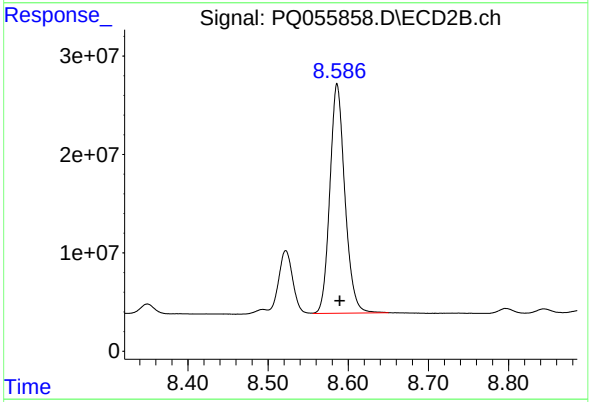
R.T.: 8.522 min
Delta R.T.: -0.002 min
Response: 77974848
Conc: 157.53 ng/ml



#39 AR-1262-4

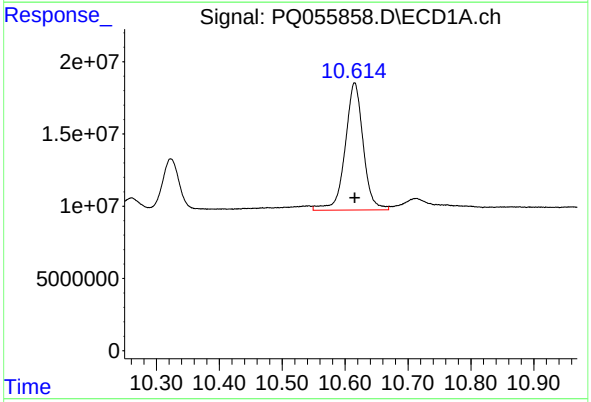
R.T.: 9.885 min
Delta R.T.: -0.019 min
Response: 225670916
Conc: 341.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



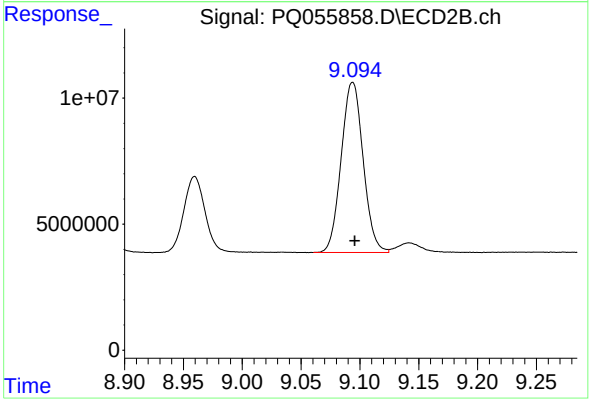
#39 AR-1262-4

R.T.: 8.586 min
Delta R.T.: -0.003 min
Response: 303582722
Conc: 328.94 ng/ml



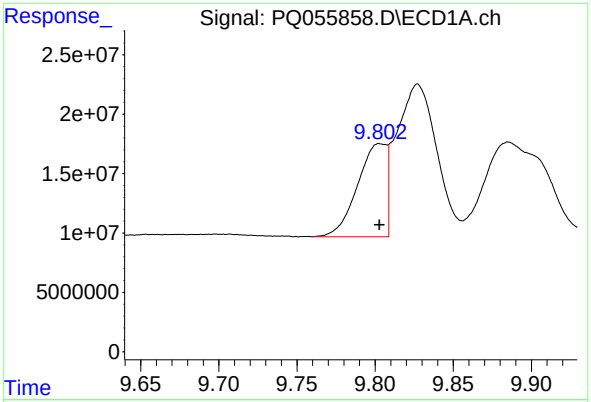
#40 AR-1262-5

R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 175583666
Conc: 256.69 ng/ml



#40 AR-1262-5

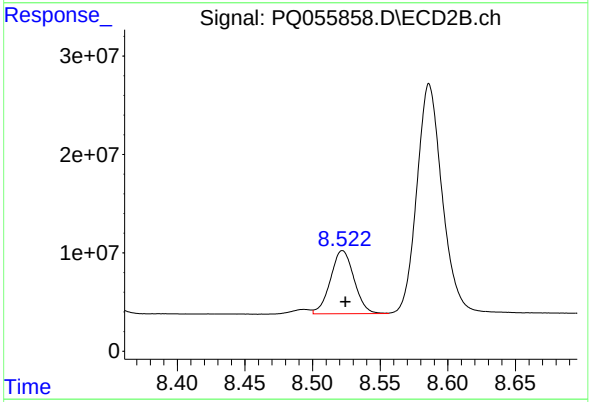
R.T.: 9.094 min
Delta R.T.: -0.002 min
Response: 87775864
Conc: 220.31 ng/ml



#41 AR-1268-1

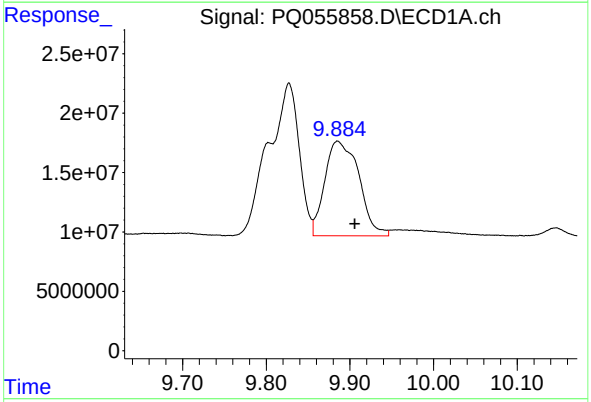
R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 101064478
Conc: 53.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



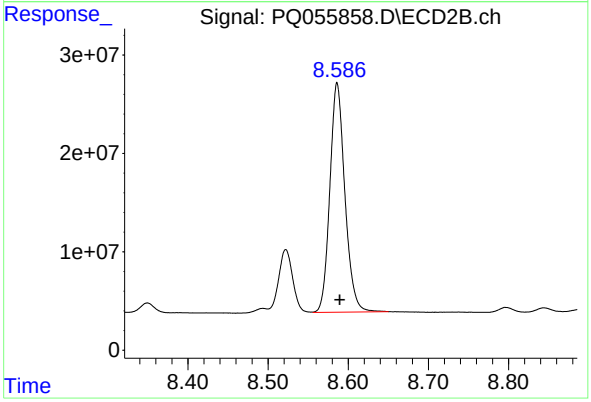
#41 AR-1268-1

R.T.: 8.522 min
Delta R.T.: -0.002 min
Response: 77974848
Conc: 53.20 ng/ml



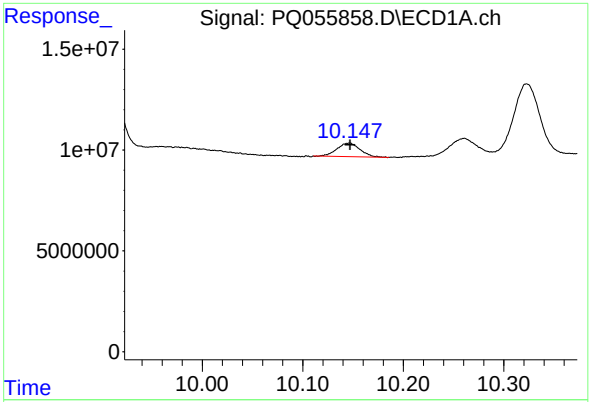
#42 AR-1268-2

R.T.: 9.885 min
Delta R.T.: -0.021 min
Response: 225670916
Conc: 113.01 ng/ml



#42 AR-1268-2

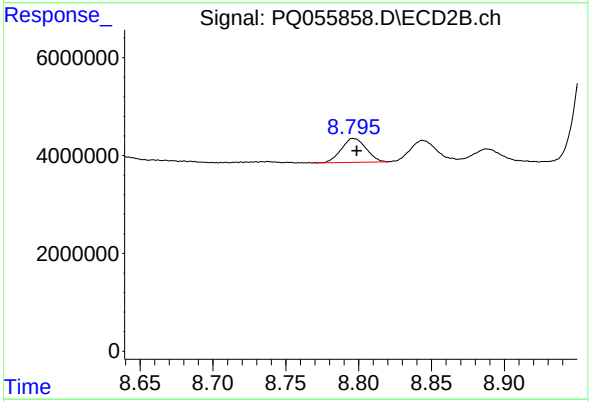
R.T.: 8.586 min
Delta R.T.: -0.003 min
Response: 303582722
Conc: 229.09 ng/ml



#43 AR-1268-3

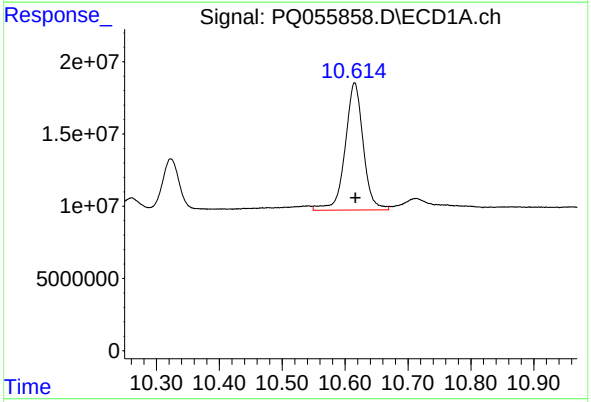
R.T.: 10.146 min
Delta R.T.: 0.000 min
Response: 10723388
Conc: 6.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



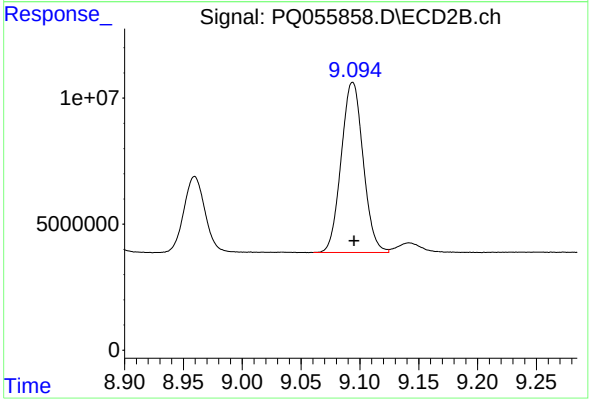
#43 AR-1268-3

R.T.: 8.797 min
Delta R.T.: -0.002 min
Response: 5807096
Conc: 5.26 ng/ml



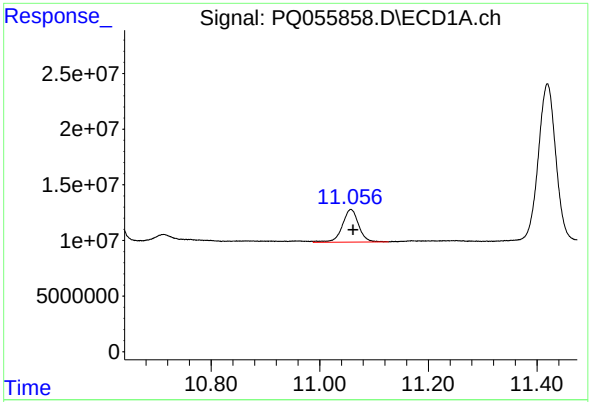
#44 AR-1268-4

R.T.: 10.615 min
Delta R.T.: -0.001 min
Response: 175583666
Conc: 235.53 ng/ml



#44 AR-1268-4

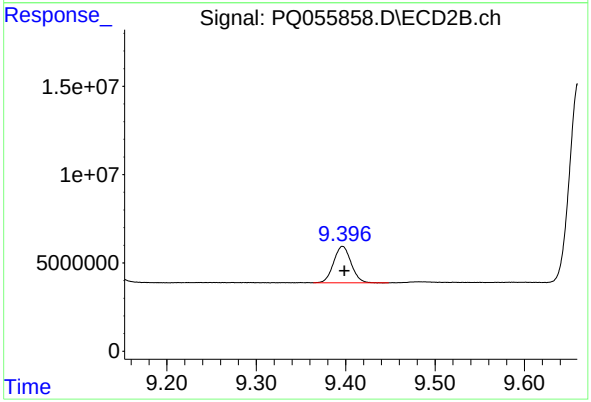
R.T.: 9.094 min
Delta R.T.: -0.001 min
Response: 87775864
Conc: 199.73 ng/ml



#45 AR-1268-5

R.T.: 11.057 min
Delta R.T.: -0.004 min
Response: 61559355
Conc: 11.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: -0.002 min
Response: 28203923
Conc: 8.52 ng/ml