

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
 Data File : PQ049102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2020 15:14
 Operator : DD\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:28:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.258	4.285	119.9E6	68674673	19.474	19.377
2)	SA Decachlor...	11.495	9.646	397.9E6	204.7E6	42.363	44.028
Target Compounds							
3)	L1 AR-1016-1	6.589	5.548	109.2E6	63947062	423.765	414.257
4)	L1 AR-1016-2	6.614	5.568	150.1E6	87072019	420.639	416.749
5)	L1 AR-1016-3	6.680	5.762	93865120	46062040	432.241	445.393
6)	L1 AR-1016-4	6.789	5.811	78361423	37362627	439.150	460.319
7)	L1 AR-1016-5	7.103	6.043	79956196	45580831	433.189	397.843
8)	L2 AR-1221-1	5.507	4.541	7782482	5084492	104.082	111.515
9)	L2 AR-1221-2	5.611	4.643	10807343	6237044	188.137	194.360
10)	L2 AR-1221-3	5.700	4.732	46367110	26293090	247.806	240.581
11)	L3 AR-1232-1	5.700	4.732	46367110	26293090	307.778	302.086
12)	L3 AR-1232-2	6.293	5.568	68253723	87072019	872.659	889.612
13)	L3 AR-1232-3	6.614	5.762	150.1E6	46062040	893.488	956.911
14)	L3 AR-1232-4	6.789	5.857	78361423	45417251	926.452	1049.884
15)	L3 AR-1232-5	6.883	6.043	69685424	45580831	1107.769	916.747
16)	L4 AR-1242-1	6.589	5.548	109.2E6	63947062	464.820	460.193
17)	L4 AR-1242-2	6.614	5.568	150.1E6	87072019	467.724	463.455
18)	L4 AR-1242-3	6.680	5.762	93865120	46062040	471.821	479.381
19)	L4 AR-1242-4	6.789	5.857	78361423	45417251	469.786	478.722
20)	L4 AR-1242-5	7.574	6.422	17129517	39207028	84.152	281.919 #
21)	L5 AR-1248-1	6.589	5.548	109.2E6	63947062	650.191	630.589
22)	L5 AR-1248-2	6.883	5.811	69685424	37362627	309.341	299.328
23)	L5 AR-1248-3	7.103	5.857	79956196	45417251	312.994	352.455
24)	L5 AR-1248-4	7.533	6.043	18714179	45580831	58.592	285.115 #
25)	L5 AR-1248-5	7.574	6.465	17129517	7830647	56.643	45.295
26)	L6 AR-1254-1	7.502	6.422	61724513	39207028	191.497	144.132
27)	L6 AR-1254-2	7.729	6.580	69898140	38137659	138.033	156.331
28)	L6 AR-1254-3	8.116	7.020	40413362	90776938	75.586	225.098 #
29)	L6 AR-1254-4	8.412	7.240	32761394	12023484	69.958	44.577 #
30)	L6 AR-1254-5	8.843	7.670	243.2E6	142.8E6	506.920	387.560
31)	L7 AR-1260-1	8.282	7.138	157.6E6	101.2E6	430.968	443.587
32)	L7 AR-1260-2	8.547	7.334	209.7E6	129.5E6	421.808	447.733
33)	L7 AR-1260-3	8.916	7.492	182.4E6	116.0E6	433.881	448.521
34)	L7 AR-1260-4	9.162	7.975	183.6E6	103.4E6	440.392	453.640
35)	L7 AR-1260-5	9.513	8.221	449.2E6	270.5E6	438.499	455.127
36)	L8 AR-1262-1	8.916	7.670	182.4E6	142.8E6	253.712	683.916 #
37)	L8 AR-1262-2	9.513	8.221	449.2E6	270.5E6	330.809	342.024
38)	L8 AR-1262-3	9.847	8.509	120.8E6	61803250	186.815	191.723
39)	L8 AR-1262-4	9.932	8.572	191.9E6	196.7E6	261.160	333.787 #
40)	L8 AR-1262-5	10.677	9.078	151.7E6	76546855	274.921	271.859
41)	L9 AR-1268-1	9.847	8.509	120.8E6	61803250	70.163	66.868

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2020 15:14
Operator : DD\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

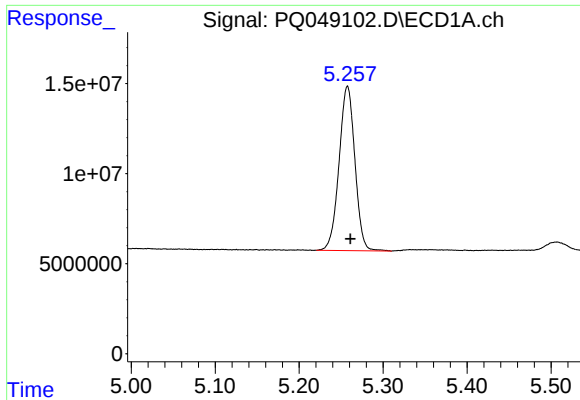
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 08 00:28:42 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 07 07:58:16 2020
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.932	8.572	191.9E6	196.7E6	122.075	228.553 #
43)	L9 AR-1268-3	10.196	8.785	10772358	5563184	7.795	7.726
44)	L9 AR-1268-4	10.677	9.078	151.7E6	76546855	245.734	244.024
45)	L9 AR-1268-5	11.127	9.382	42155289	21868262	9.784	9.519

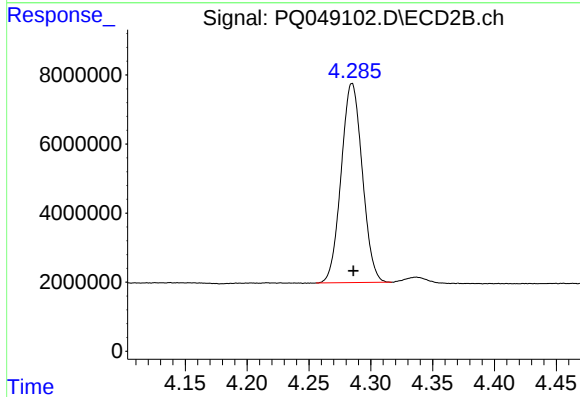
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

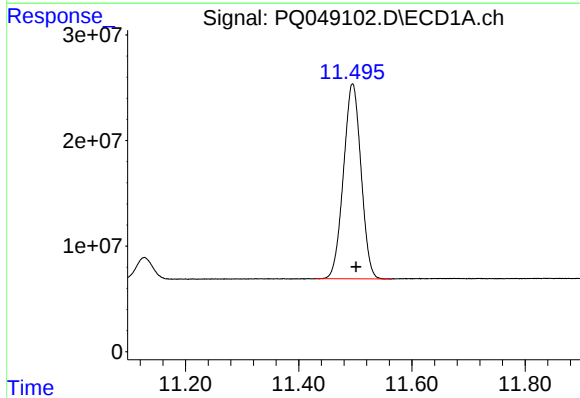
R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 119879753
Conc: 19.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



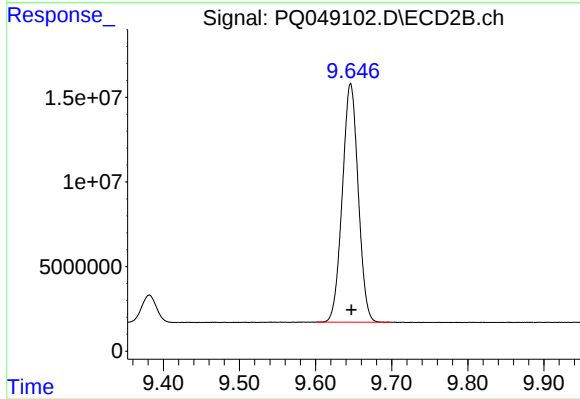
#1 Tetrachloro-m-xylene

R.T.: 4.285 min
Delta R.T.: -0.001 min
Response: 68674673
Conc: 19.38 ng/ml



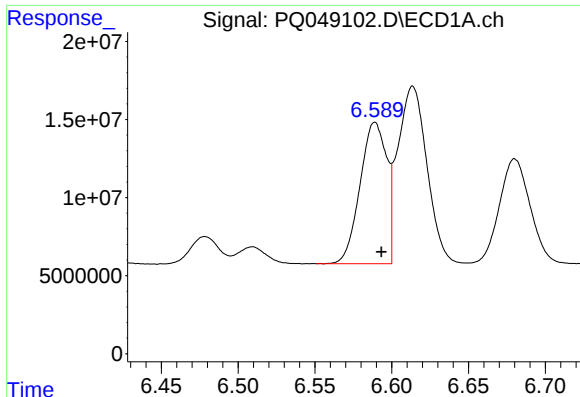
#2 Decachlorobiphenyl

R.T.: 11.495 min
Delta R.T.: -0.006 min
Response: 397935167
Conc: 42.36 ng/ml



#2 Decachlorobiphenyl

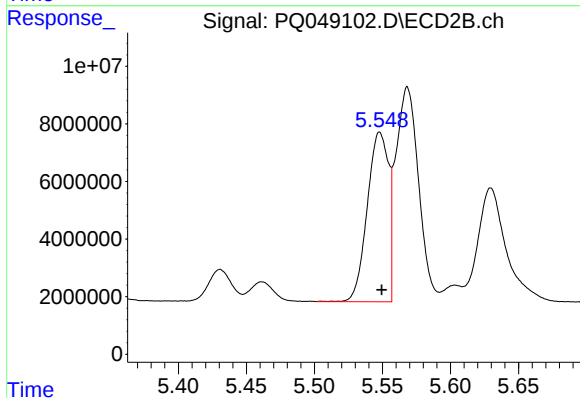
R.T.: 9.646 min
Delta R.T.: -0.001 min
Response: 204671673
Conc: 44.03 ng/ml



#3 AR-1016-1

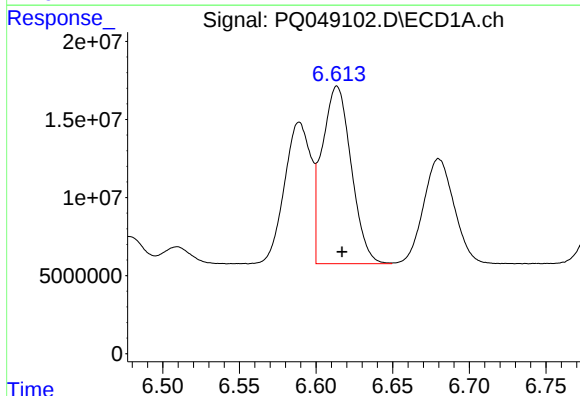
R.T.: 6.589 min
Delta R.T.: -0.004 min
Response: 109182463
Conc: 423.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



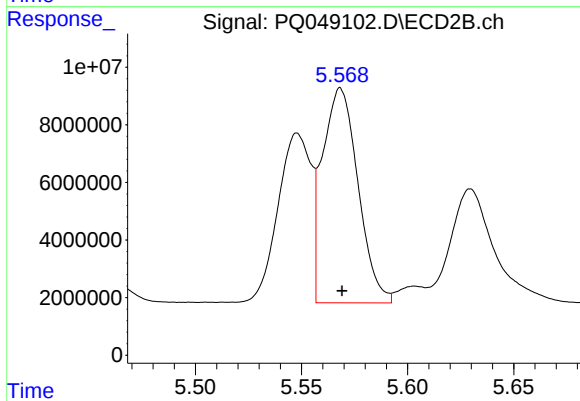
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 63947062
Conc: 414.26 ng/ml



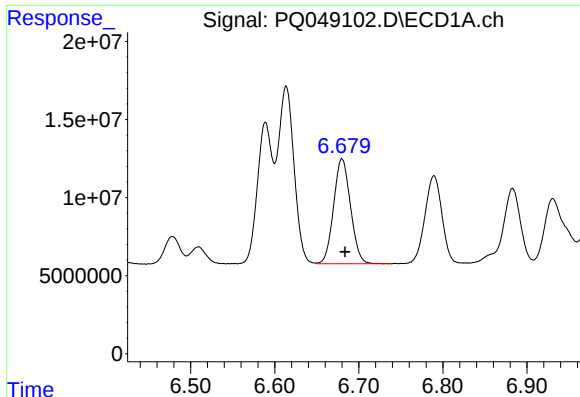
#4 AR-1016-2

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 150069181
Conc: 420.64 ng/ml



#4 AR-1016-2

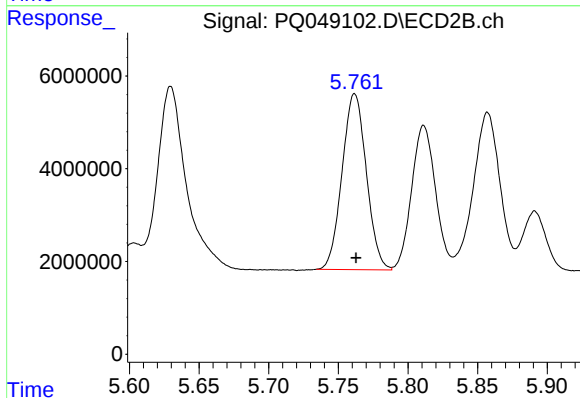
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 87072019
Conc: 416.75 ng/ml



#5 AR-1016-3

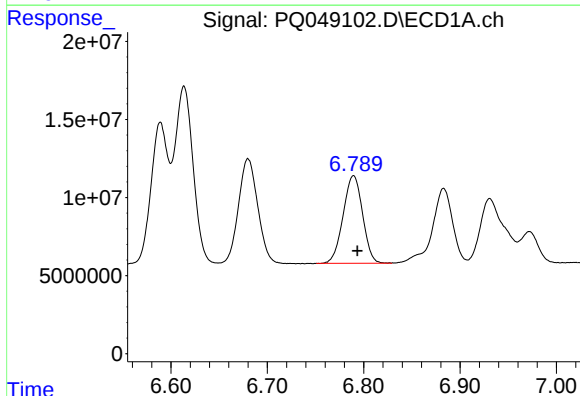
R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 93865120
Conc: 432.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



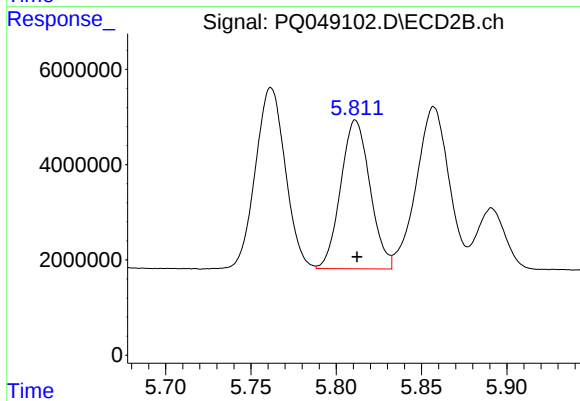
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 46062040
Conc: 445.39 ng/ml



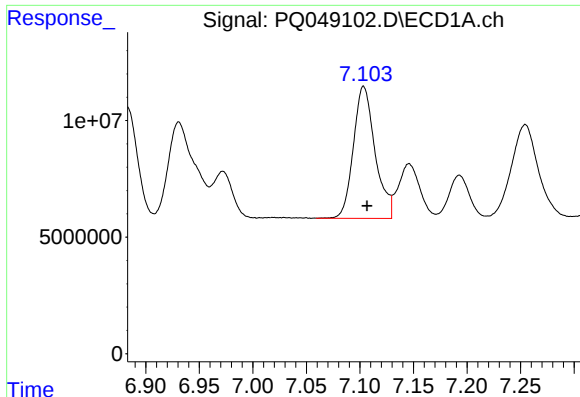
#6 AR-1016-4

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 78361423
Conc: 439.15 ng/ml



#6 AR-1016-4

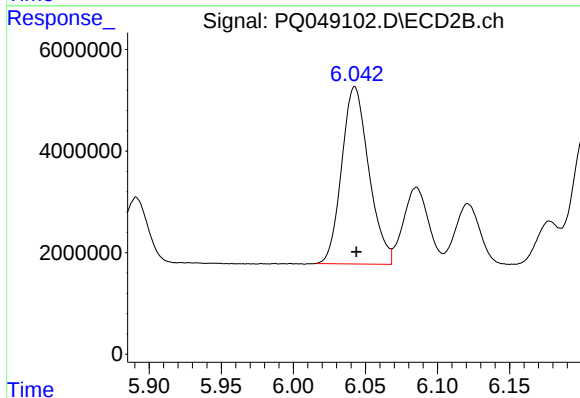
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 37362627
Conc: 460.32 ng/ml



#7 AR-1016-5

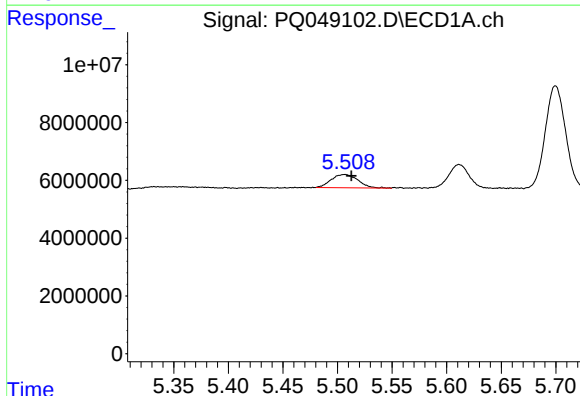
R.T.: 7.103 min
Delta R.T.: -0.003 min
Response: 79956196
Conc: 433.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



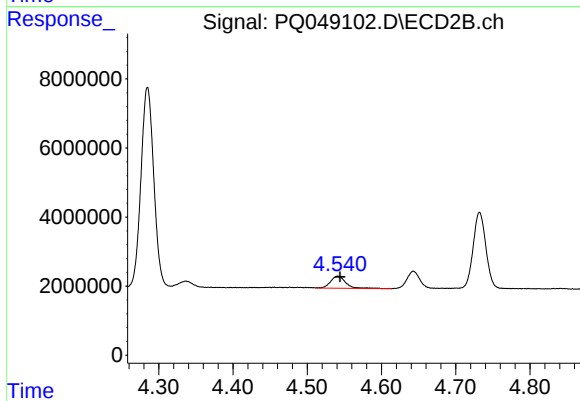
#7 AR-1016-5

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 45580831
Conc: 397.84 ng/ml



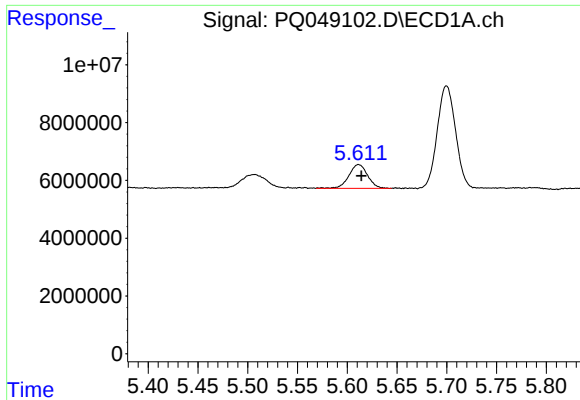
#8 AR-1221-1

R.T.: 5.507 min
Delta R.T.: -0.006 min
Response: 7782482
Conc: 104.08 ng/ml



#8 AR-1221-1

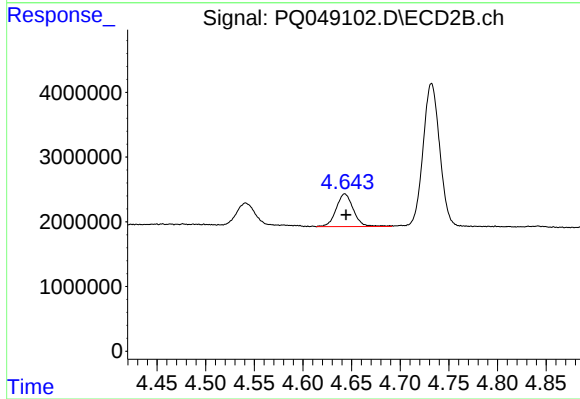
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 5084492
Conc: 111.51 ng/ml



#9 AR-1221-2

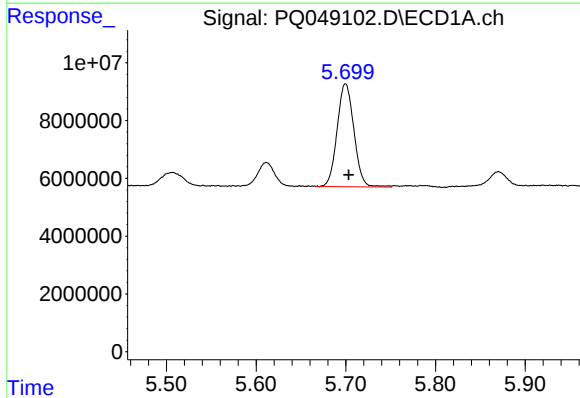
R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 10807343
Conc: 188.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



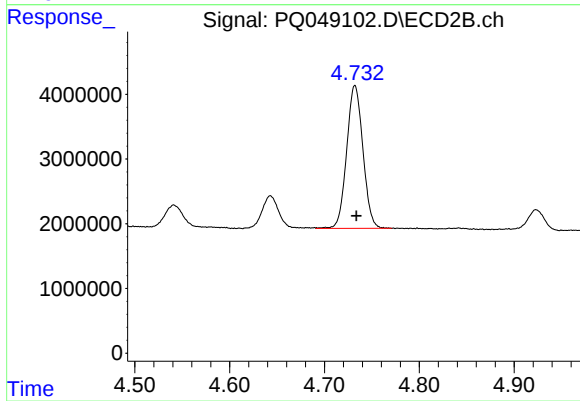
#9 AR-1221-2

R.T.: 4.643 min
Delta R.T.: -0.001 min
Response: 6237044
Conc: 194.36 ng/ml



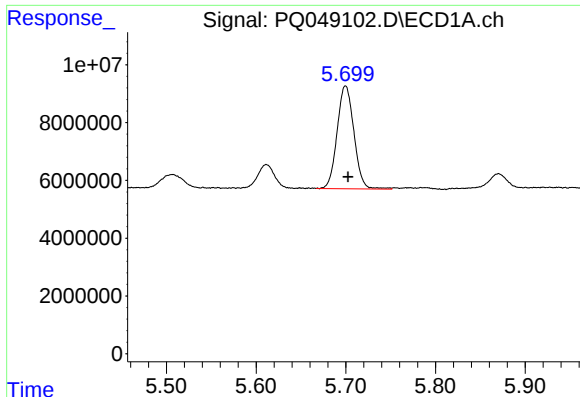
#10 AR-1221-3

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 46367110
Conc: 247.81 ng/ml



#10 AR-1221-3

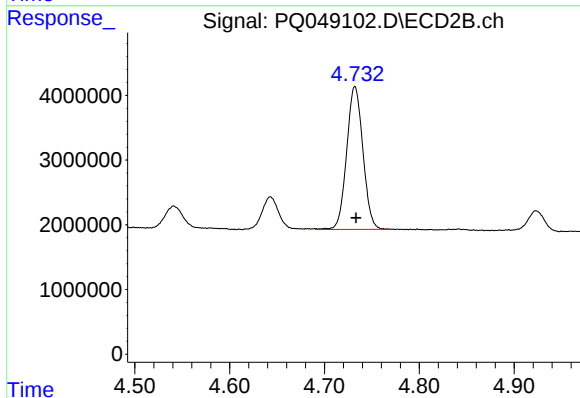
R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 26293090
Conc: 240.58 ng/ml



#11 AR-1232-1

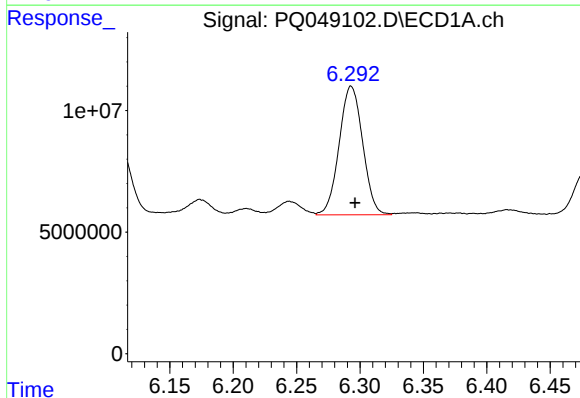
R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 46367110
Conc: 307.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



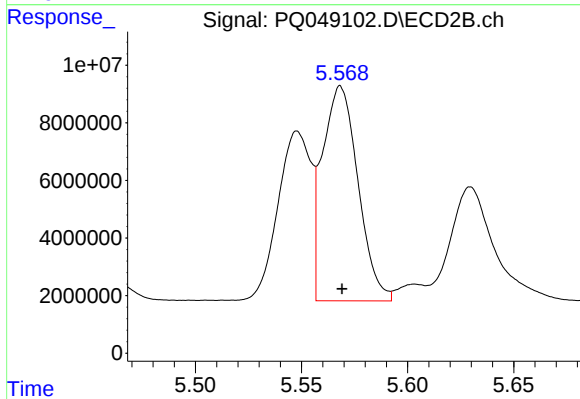
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 26293090
Conc: 302.09 ng/ml



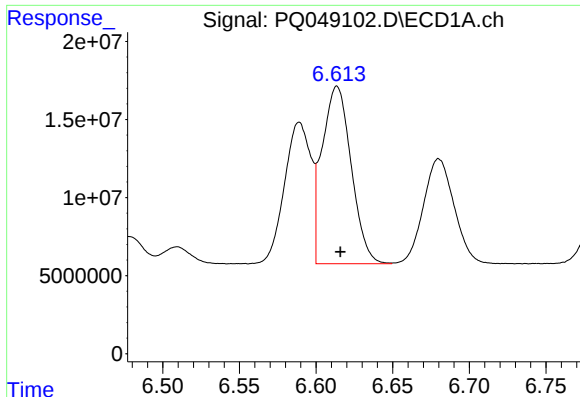
#12 AR-1232-2

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 68253723
Conc: 872.66 ng/ml



#12 AR-1232-2

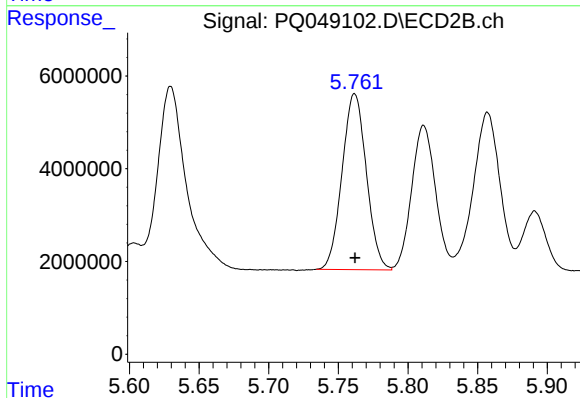
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 87072019
Conc: 889.61 ng/ml



#13 AR-1232-3

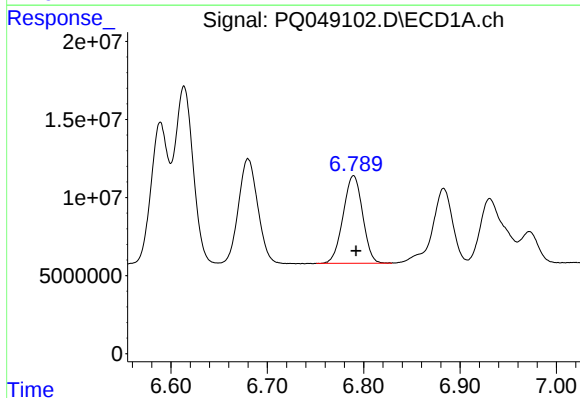
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 150069181
Conc: 893.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



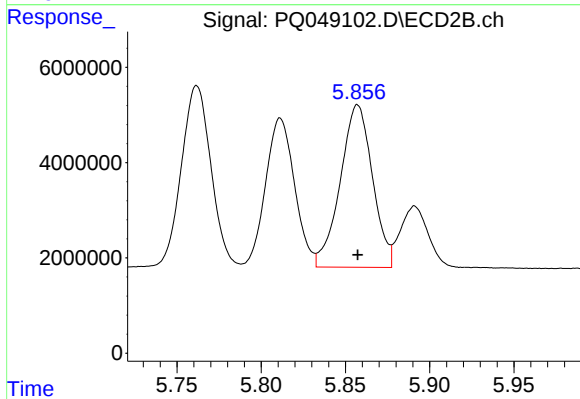
#13 AR-1232-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 46062040
Conc: 956.91 ng/ml



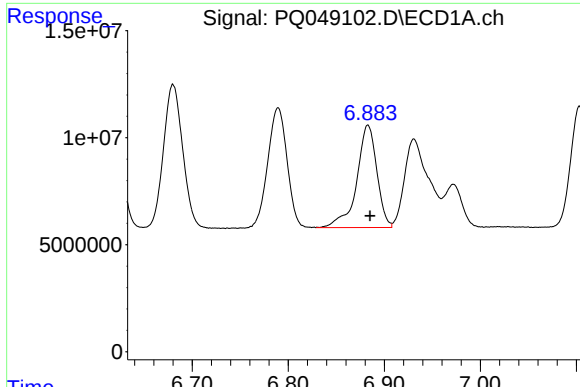
#14 AR-1232-4

R.T.: 6.789 min
Delta R.T.: -0.003 min
Response: 78361423
Conc: 926.45 ng/ml



#14 AR-1232-4

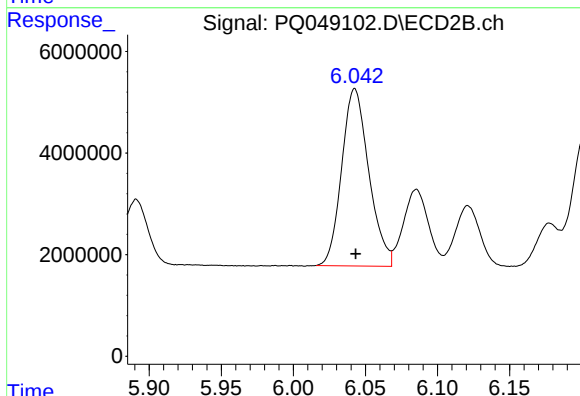
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 45417251
Conc: 1049.88 ng/ml



#15 AR-1232-5

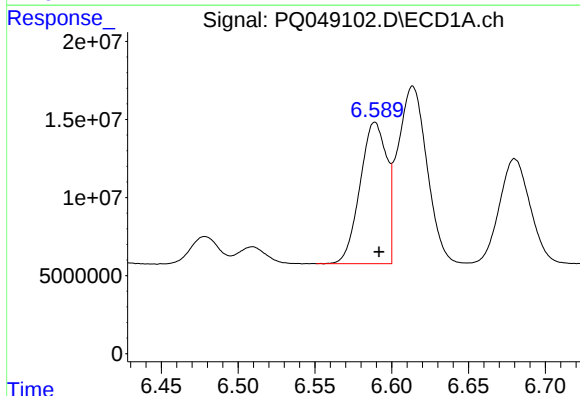
R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 69685424
Conc: 1107.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



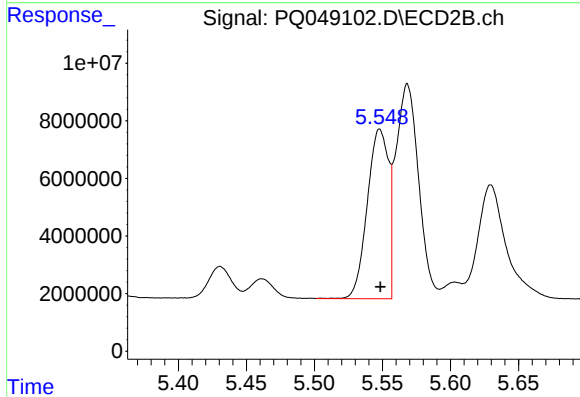
#15 AR-1232-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 45580831
Conc: 916.75 ng/ml



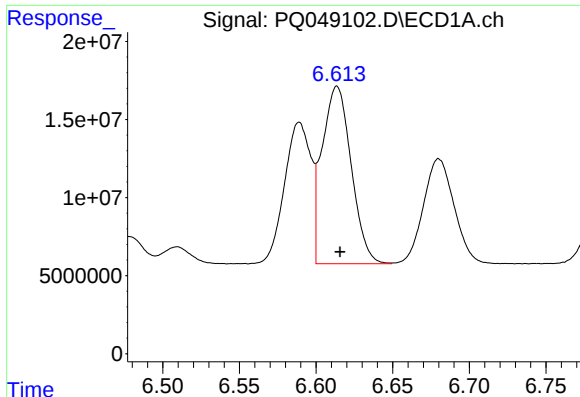
#16 AR-1242-1

R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 109182463
Conc: 464.82 ng/ml



#16 AR-1242-1

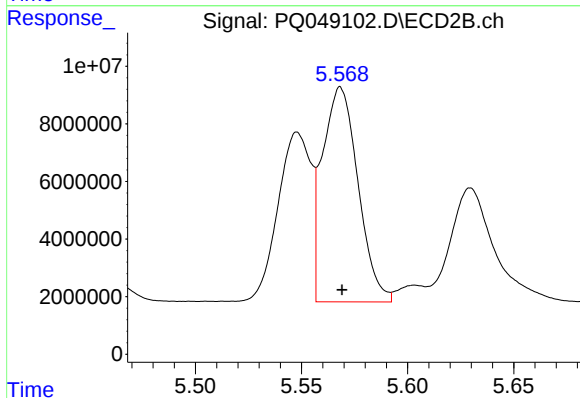
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 63947062
Conc: 460.19 ng/ml



#17 AR-1242-2

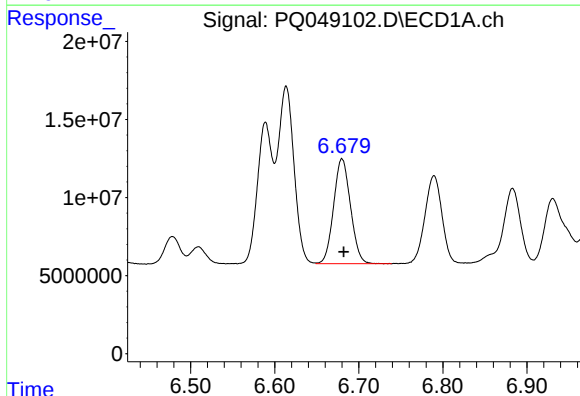
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 150069181
Conc: 467.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



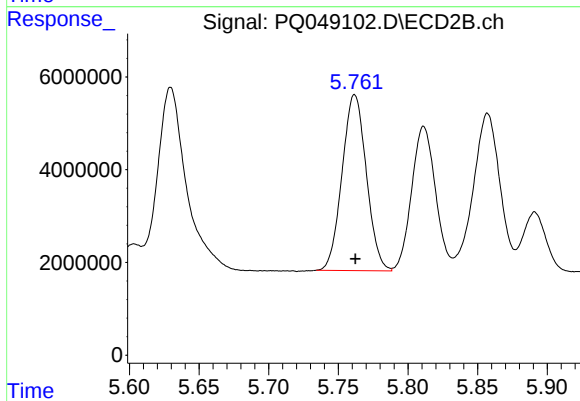
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 87072019
Conc: 463.45 ng/ml



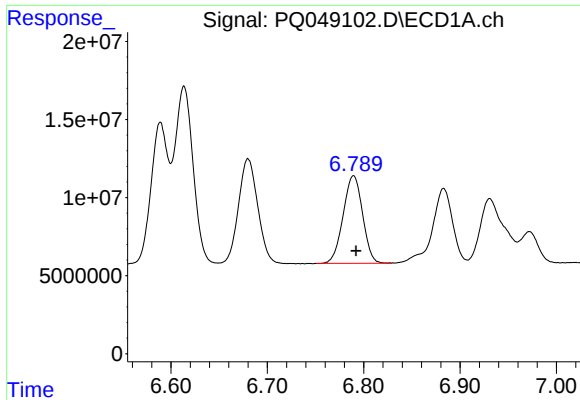
#18 AR-1242-3

R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 93865120
Conc: 471.82 ng/ml



#18 AR-1242-3

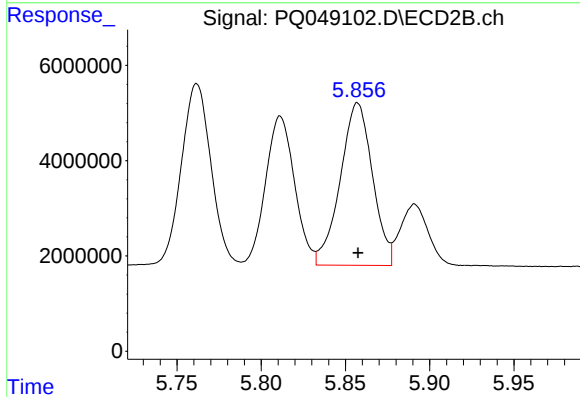
R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 46062040
Conc: 479.38 ng/ml



#19 AR-1242-4

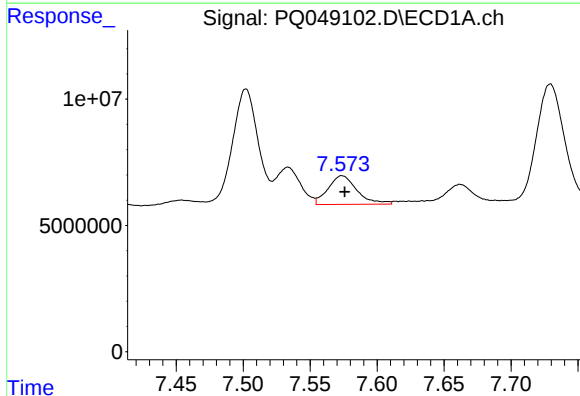
R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 78361423
Conc: 469.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



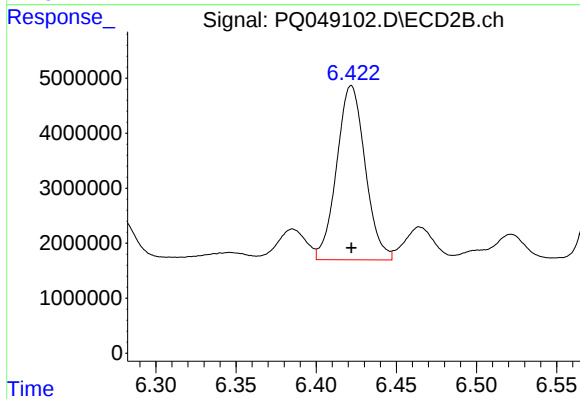
#19 AR-1242-4

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 45417251
Conc: 478.72 ng/ml



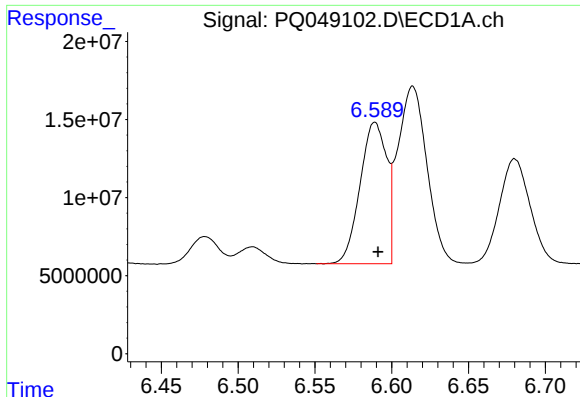
#20 AR-1242-5

R.T.: 7.574 min
Delta R.T.: -0.002 min
Response: 17129517
Conc: 84.15 ng/ml



#20 AR-1242-5

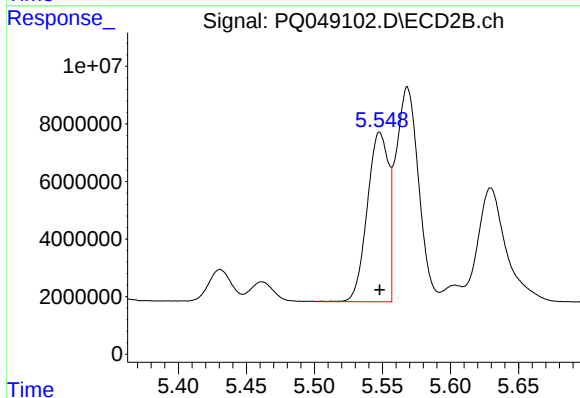
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 39207028
Conc: 281.92 ng/ml



#21 AR-1248-1

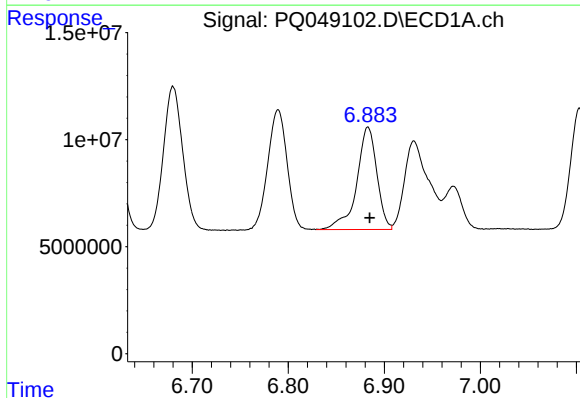
R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 109182463
Conc: 650.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



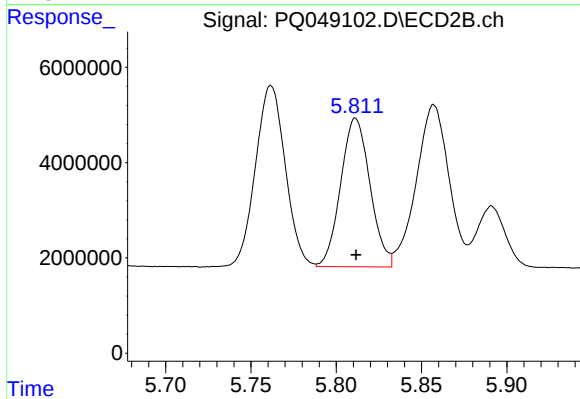
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 63947062
Conc: 630.59 ng/ml



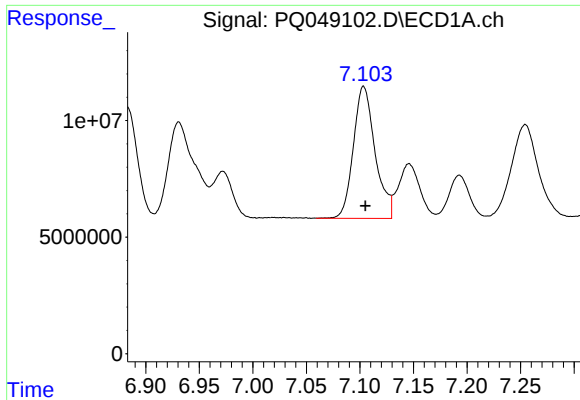
#22 AR-1248-2

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 69685424
Conc: 309.34 ng/ml



#22 AR-1248-2

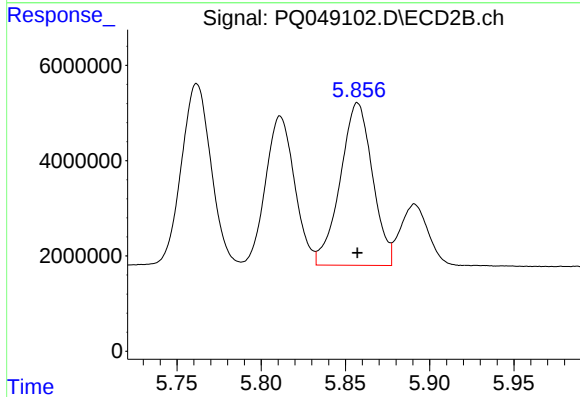
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 37362627
Conc: 299.33 ng/ml



#23 AR-1248-3

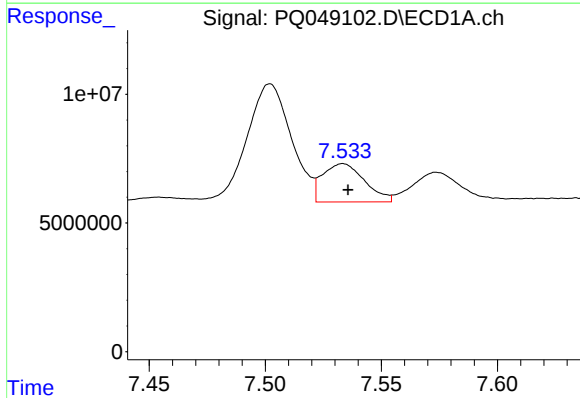
R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 79956196
Conc: 312.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



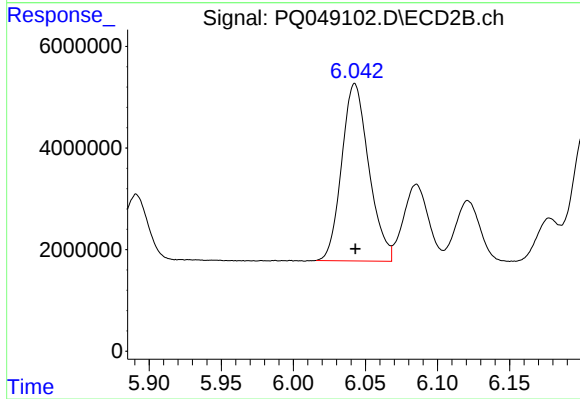
#23 AR-1248-3

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 45417251
Conc: 352.46 ng/ml



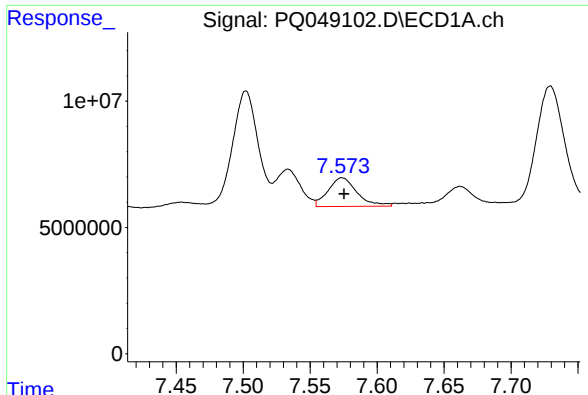
#24 AR-1248-4

R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 18714179
Conc: 58.59 ng/ml



#24 AR-1248-4

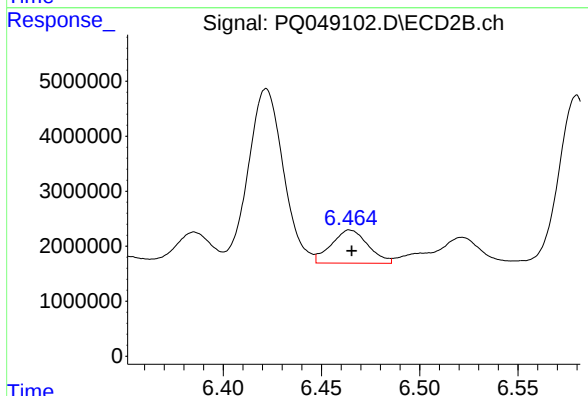
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 45580831
Conc: 285.12 ng/ml



#25 AR-1248-5

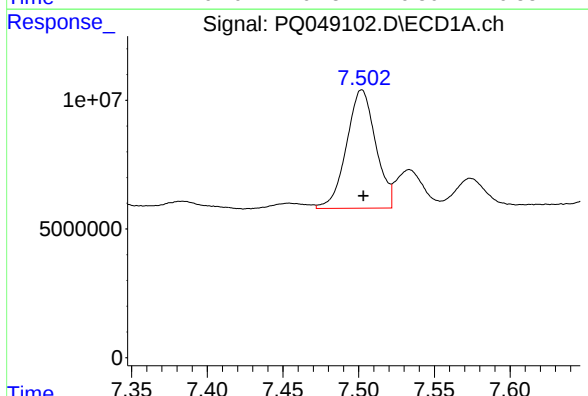
R.T.: 7.574 min
Delta R.T.: -0.002 min
Response: 17129517
Conc: 56.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



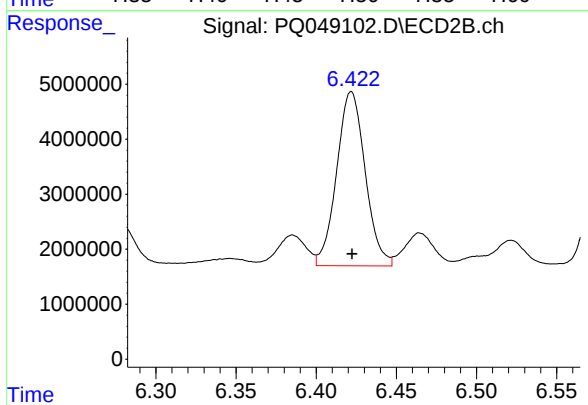
#25 AR-1248-5

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 7830647
Conc: 45.30 ng/ml



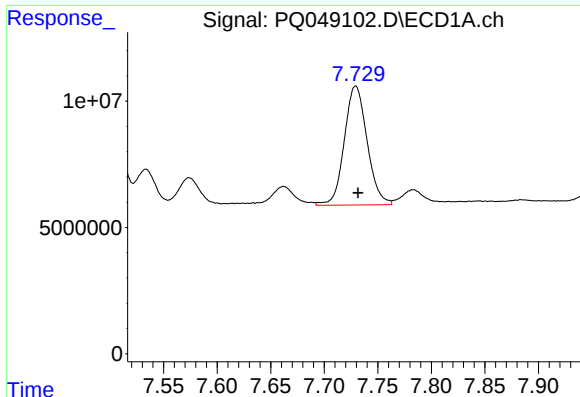
#26 AR-1254-1

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 61724513
Conc: 191.50 ng/ml



#26 AR-1254-1

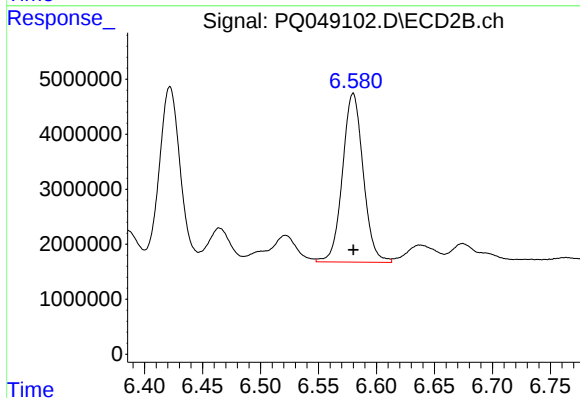
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 39207028
Conc: 144.13 ng/ml



#27 AR-1254-2

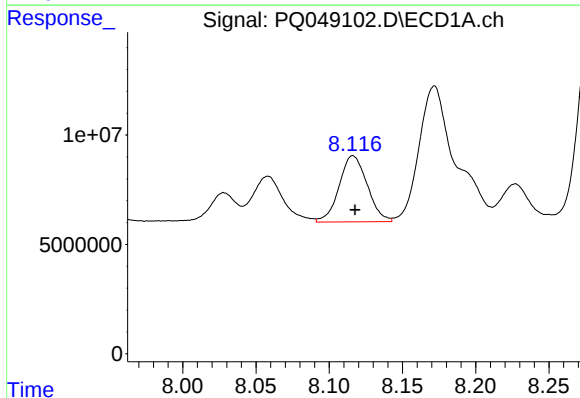
R.T.: 7.729 min
Delta R.T.: -0.002 min
Response: 69898140
Conc: 138.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



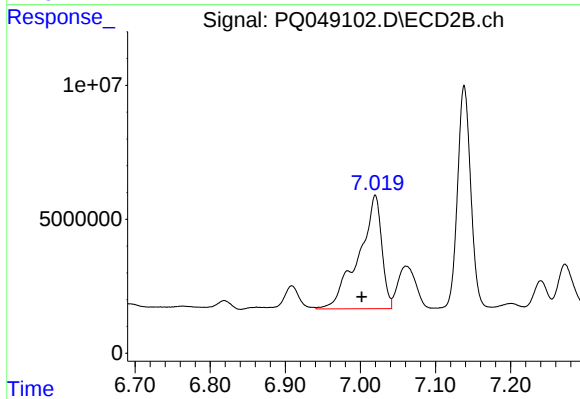
#27 AR-1254-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 38137659
Conc: 156.33 ng/ml



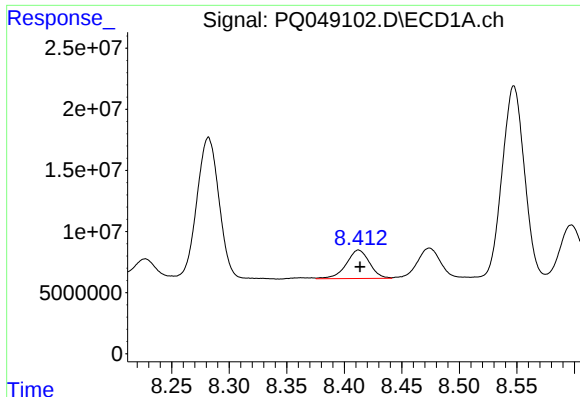
#28 AR-1254-3

R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 40413362
Conc: 75.59 ng/ml



#28 AR-1254-3

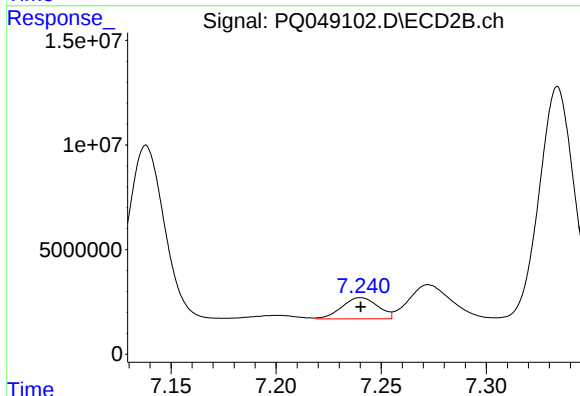
R.T.: 7.020 min
Delta R.T.: 0.018 min
Response: 90776938
Conc: 225.10 ng/ml



#29 AR-1254-4

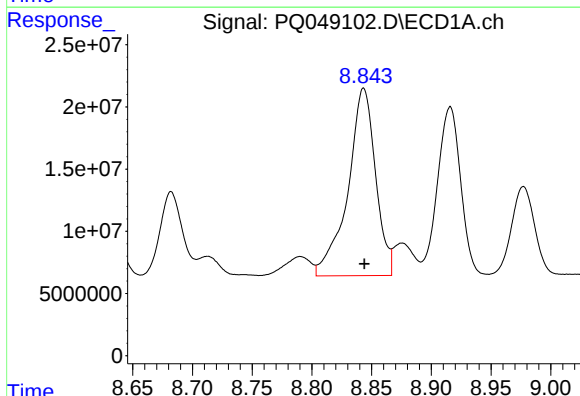
R.T.: 8.412 min
Delta R.T.: -0.001 min
Response: 32761394
Conc: 69.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



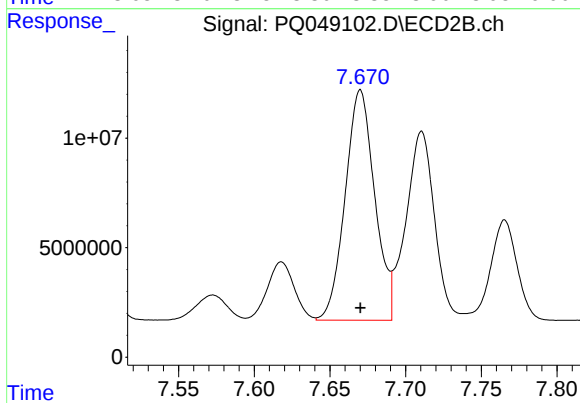
#29 AR-1254-4

R.T.: 7.240 min
Delta R.T.: 0.000 min
Response: 12023484
Conc: 44.58 ng/ml



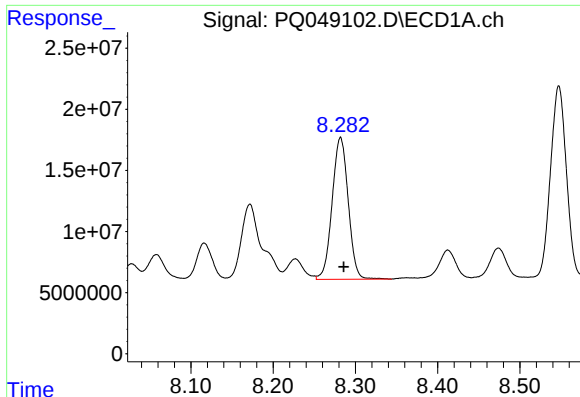
#30 AR-1254-5

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 243191637
Conc: 506.92 ng/ml



#30 AR-1254-5

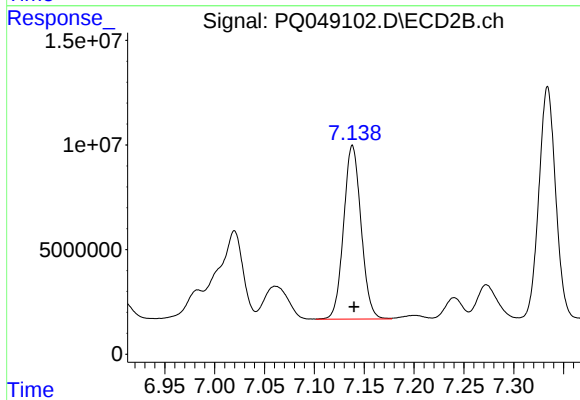
R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 142761969
Conc: 387.56 ng/ml



#31 AR-1260-1

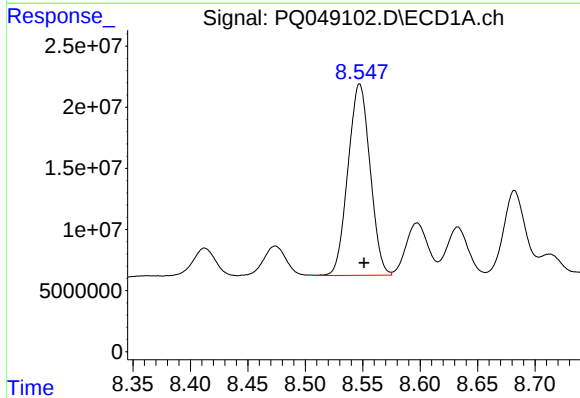
R.T.: 8.282 min
Delta R.T.: -0.004 min
Response: 157635589
Conc: 430.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



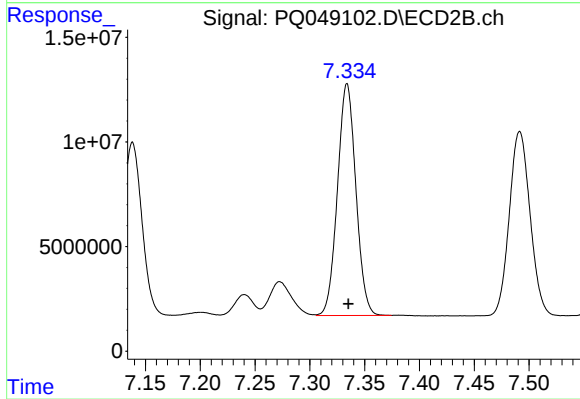
#31 AR-1260-1

R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 101166979
Conc: 443.59 ng/ml



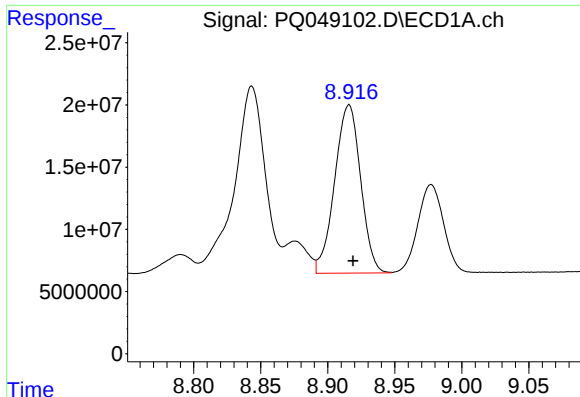
#32 AR-1260-2

R.T.: 8.547 min
Delta R.T.: -0.004 min
Response: 209748517
Conc: 421.81 ng/ml



#32 AR-1260-2

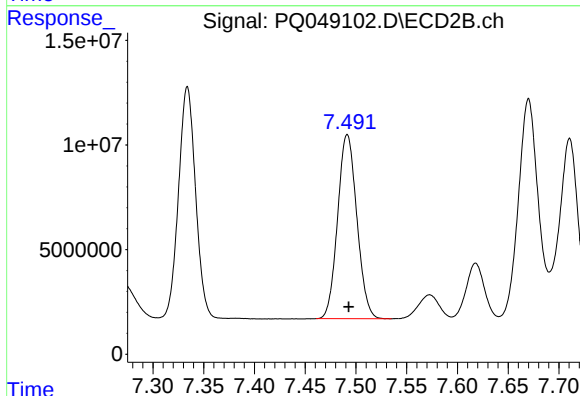
R.T.: 7.334 min
Delta R.T.: -0.001 min
Response: 129545014
Conc: 447.73 ng/ml



#33 AR-1260-3

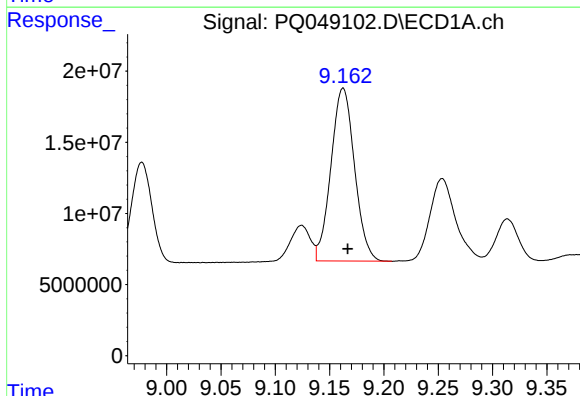
R.T.: 8.916 min
Delta R.T.: -0.003 min
Response: 182441573
Conc: 433.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



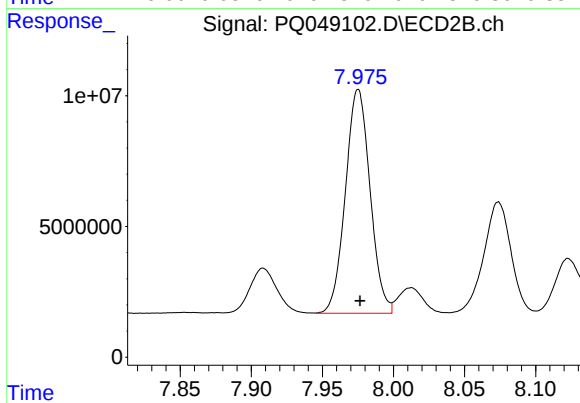
#33 AR-1260-3

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 116011052
Conc: 448.52 ng/ml



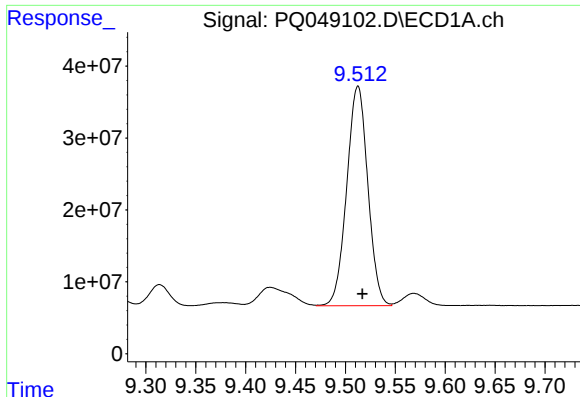
#34 AR-1260-4

R.T.: 9.162 min
Delta R.T.: -0.004 min
Response: 183592997
Conc: 440.39 ng/ml



#34 AR-1260-4

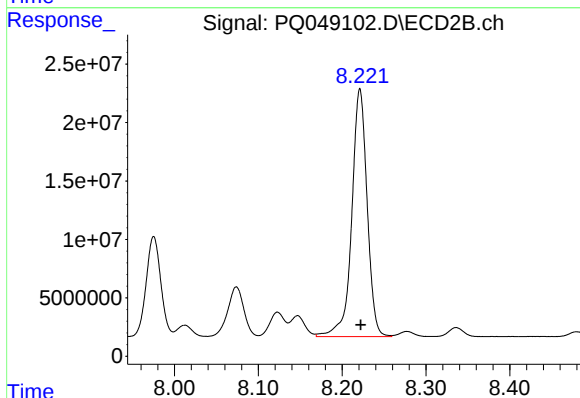
R.T.: 7.975 min
Delta R.T.: -0.001 min
Response: 103431861
Conc: 453.64 ng/ml



#35 AR-1260-5

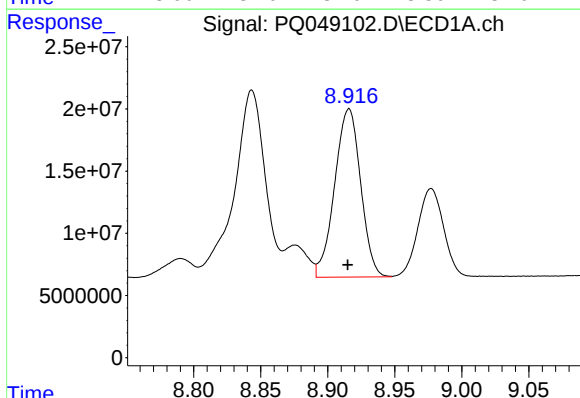
R.T.: 9.513 min
Delta R.T.: -0.005 min
Response: 449211425
Conc: 438.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



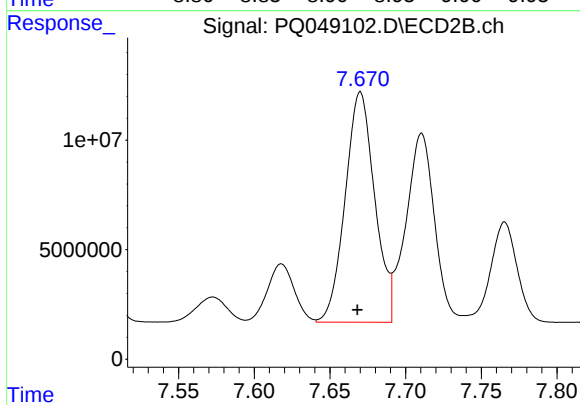
#35 AR-1260-5

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 270501070
Conc: 455.13 ng/ml



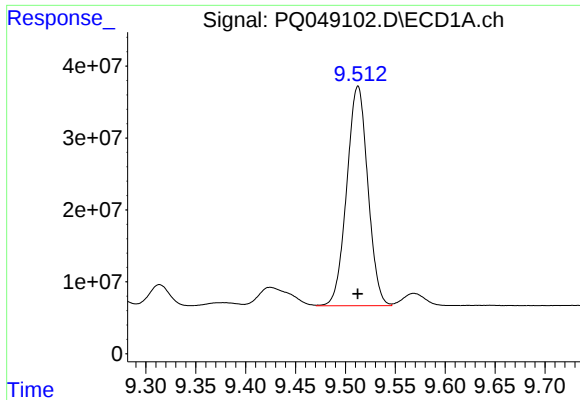
#36 AR-1262-1

R.T.: 8.916 min
Delta R.T.: 0.000 min
Response: 182441573
Conc: 253.71 ng/ml



#36 AR-1262-1

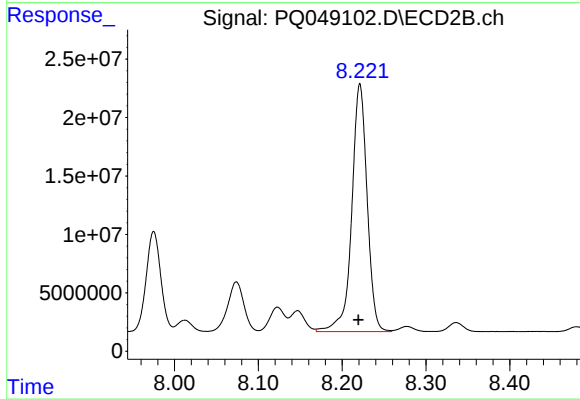
R.T.: 7.670 min
Delta R.T.: 0.002 min
Response: 142761969
Conc: 683.92 ng/ml



#37 AR-1262-2

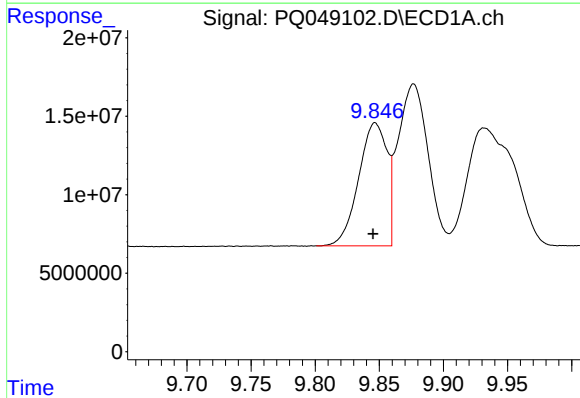
R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 449211425
Conc: 330.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



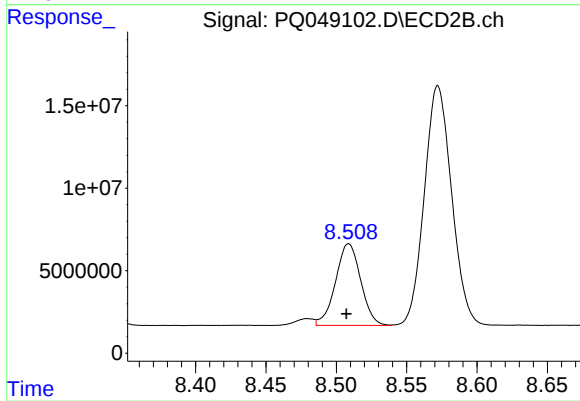
#37 AR-1262-2

R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 270501070
Conc: 342.02 ng/ml



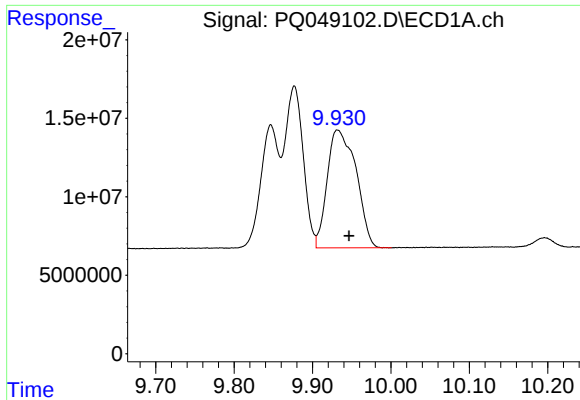
#38 AR-1262-3

R.T.: 9.847 min
Delta R.T.: 0.001 min
Response: 120755013
Conc: 186.82 ng/ml



#38 AR-1262-3

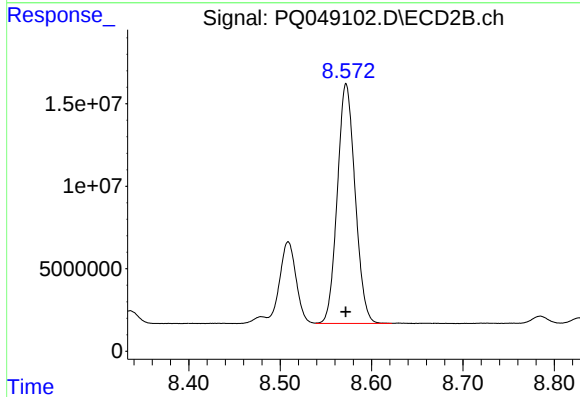
R.T.: 8.509 min
Delta R.T.: 0.002 min
Response: 61803250
Conc: 191.72 ng/ml



#39 AR-1262-4

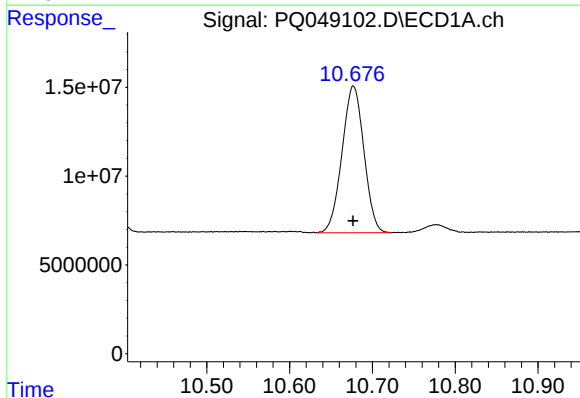
R.T.: 9.932 min
Delta R.T.: -0.015 min
Response: 191873243
Conc: 261.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



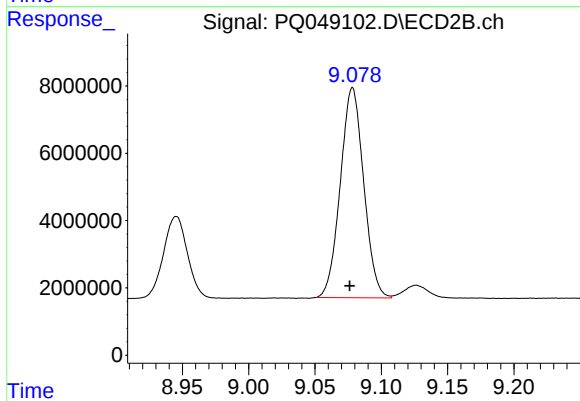
#39 AR-1262-4

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 196717905
Conc: 333.79 ng/ml



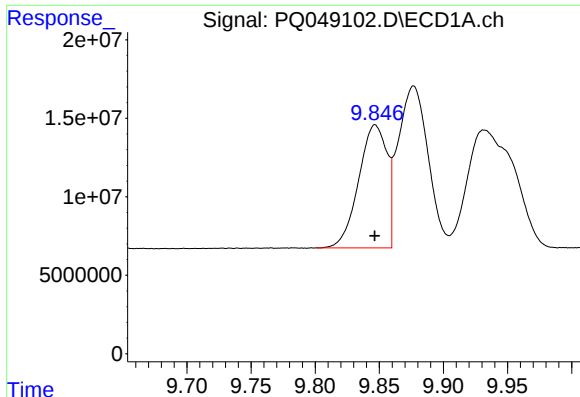
#40 AR-1262-5

R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 151653750
Conc: 274.92 ng/ml



#40 AR-1262-5

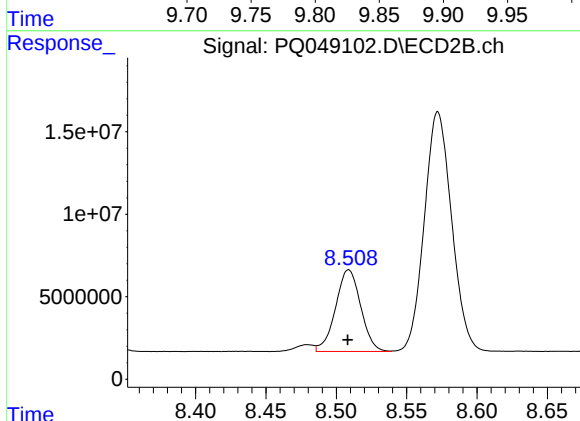
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 76546855
Conc: 271.86 ng/ml



#41 AR-1268-1

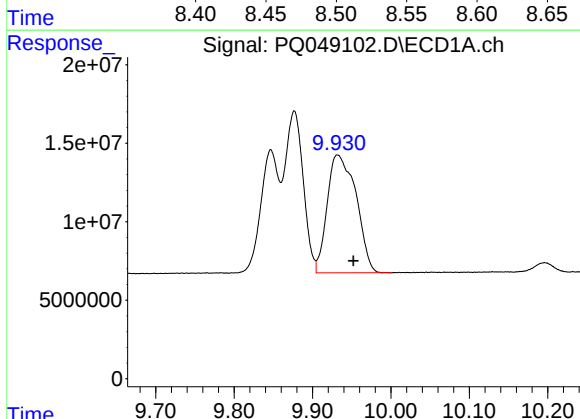
R.T.: 9.847 min
Delta R.T.: 0.000 min
Response: 120755013
Conc: 70.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



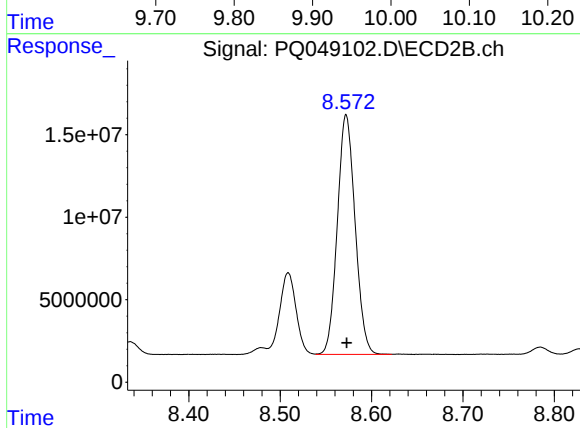
#41 AR-1268-1

R.T.: 8.509 min
Delta R.T.: 0.000 min
Response: 61803250
Conc: 66.87 ng/ml



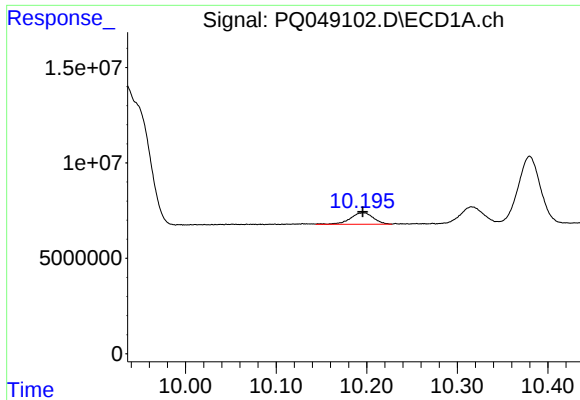
#42 AR-1268-2

R.T.: 9.932 min
Delta R.T.: -0.020 min
Response: 191873243
Conc: 122.08 ng/ml



#42 AR-1268-2

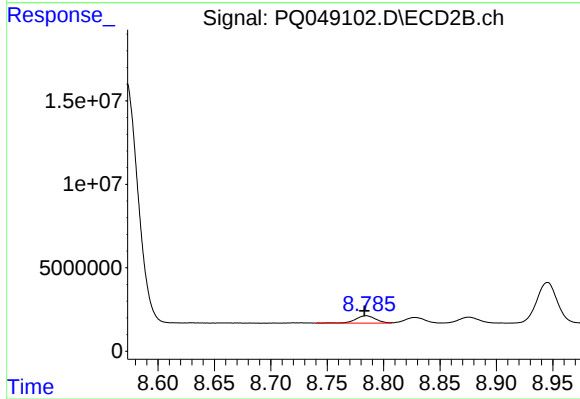
R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 196717905
Conc: 228.55 ng/ml



#43 AR-1268-3

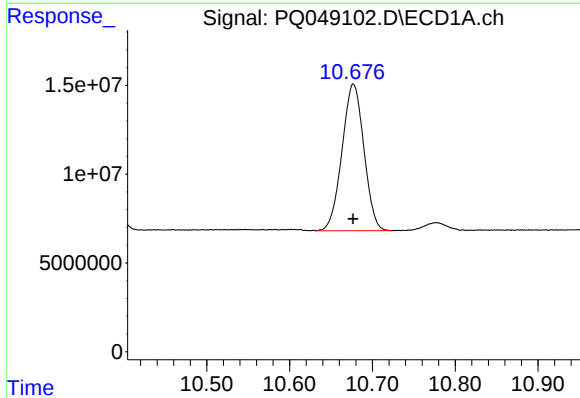
R.T.: 10.196 min
Delta R.T.: 0.000 min
Response: 10772358
Conc: 7.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



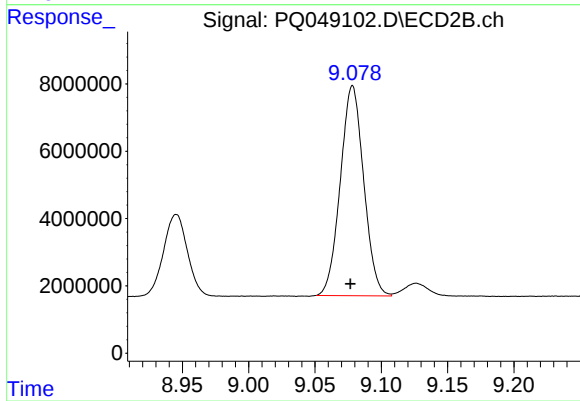
#43 AR-1268-3

R.T.: 8.785 min
Delta R.T.: 0.002 min
Response: 5563184
Conc: 7.73 ng/ml



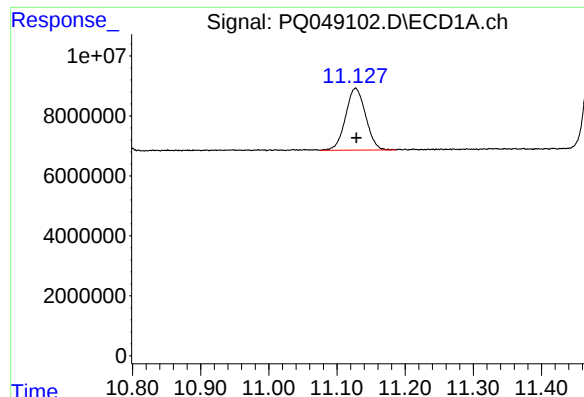
#44 AR-1268-4

R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 151653750
Conc: 245.73 ng/ml



#44 AR-1268-4

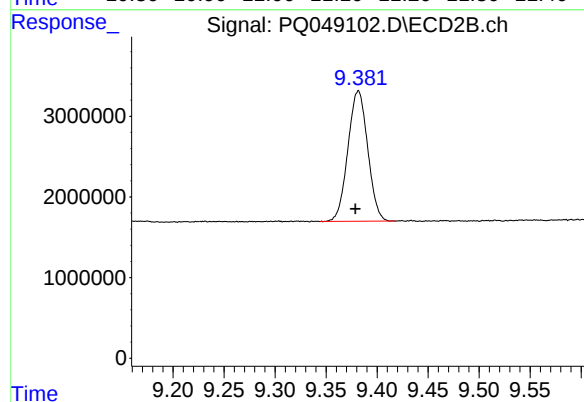
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 76546855
Conc: 244.02 ng/ml



#45 AR-1268-5

R.T.: 11.127 min
Delta R.T.: -0.001 min
Response: 42155289
Conc: 9.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: 0.003 min
Response: 21868262
Conc: 9.52 ng/ml