

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022120\
 Data File : PQ046545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2020 21:02
 Operator : AJ\MA
 Sample : L1631-11MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 02:43:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 13:47:31 2020
 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...	5.184	4.334	382.4E6	184.6E6	25.166	24.282
2)	SA Decachlor...	11.314	9.752	178.1E6	140.4E6	21.878	20.269
Target Compounds							
3)	L1 AR-1016-1	6.500	5.616	138.9E6	63067208	252.822	230.836
4)	L1 AR-1016-2	6.525	5.637	196.6E6	87778689	244.235	228.084
5)	L1 AR-1016-3	6.591	5.834	117.6E6	44451686	245.462	239.795
6)	L1 AR-1016-4	6.698	5.881	98354476	34904081	247.572	231.967
7)	L1 AR-1016-5	7.014	6.115	89922965	46078968	239.727	224.988
8)	L2 AR-1221-1	5.424	4.597	12249565	5673822	87.292	83.053
9)	L2 AR-1221-2	5.529	4.700	18951455	8405157	173.993	167.573
10)	L2 AR-1221-3	5.615	4.792	70654207	30950180	210.975	187.025
11)	L3 AR-1232-1	5.615	4.792	70654207	30950180	261.625	233.062
12)	L3 AR-1232-2	6.207	5.637	92702067	87778689	677.198	649.932
13)	L3 AR-1232-3	6.525	5.834	196.6E6	44451686	674.940	695.242
14)	L3 AR-1232-4	6.698	5.926	98354476	44110062	691.145	729.688
15)	L3 AR-1232-5	6.796	6.115	83382714	46078968	792.561	685.210
16)	L4 AR-1242-1	6.500	5.616	138.9E6	63067208	385.061	353.833
17)	L4 AR-1242-2	6.525	5.637	196.6E6	87778689	365.039	346.629
18)	L4 AR-1242-3	6.591	5.834	117.6E6	44451686	368.995	355.609
19)	L4 AR-1242-4	6.698	5.926	98354476	44110062	372.112	348.705
20)	L4 AR-1242-5	7.481	6.497	14782601	35654773	51.525	216.762 #
21)	L5 AR-1248-1	6.500	5.616	138.9E6	63067208	494.858	467.531
22)	L5 AR-1248-2	6.796	5.881	83382714	34904081	222.757	201.992
23)	L5 AR-1248-3	7.014	5.926	89922965	44110062	217.758	242.275
24)	L5 AR-1248-4	7.439	6.115	14820158	46078968	31.108	208.620 #
25)	L5 AR-1248-5	7.481	6.540	14782601	5333435	32.096	24.195
26)	L6 AR-1254-1	7.412	6.497	70309891	35654773	150.231	100.820 #
27)	L6 AR-1254-2	7.640	6.654	71690325	33339501	100.792	109.038
28)	L6 AR-1254-3	8.023	7.096	36914083	58833636	50.905	114.774 #
29)	L6 AR-1254-4	8.316	7.319	27862218	6105675	52.492	19.384 #
30)	L6 AR-1254-5	8.746	7.751	189.8E6	117.6E6	370.406	267.855 #
31)	L7 AR-1260-1	8.191	7.217	146.0E6	85640977	247.728	224.769
32)	L7 AR-1260-2	8.454	7.411	167.4E6	102.8E6	243.222	222.910
33)	L7 AR-1260-3	8.822	7.572	103.1E6	94901148	203.255	220.215
34)	L7 AR-1260-4	9.060	8.057	110.2E6	66469388	204.178	182.723
35)	L7 AR-1260-5	9.399	8.302	200.9E6	161.4E6	193.058	177.868
36)	L8 AR-1262-1	8.822	7.751	103.1E6	117.6E6	156.197	480.881 #
37)	L8 AR-1262-2	9.399	8.302	200.9E6	161.4E6	192.044	179.085
38)	L8 AR-1262-3	9.746	8.591	125.9E6	29028389	186.055	87.324 #
39)	L8 AR-1262-4	9.804	8.656	72436545	113.1E6	137.469	174.609 #
40)	L8 AR-1262-5	10.517	9.169	45621399	32639057	135.807	118.166
41)	L9 AR-1268-1	9.746	8.591	125.9E6	29028389	102.641	27.512 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022120\
 Data File : PQ046545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2020 21:02
 Operator : AJ\MA
 Sample : L1631-11MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

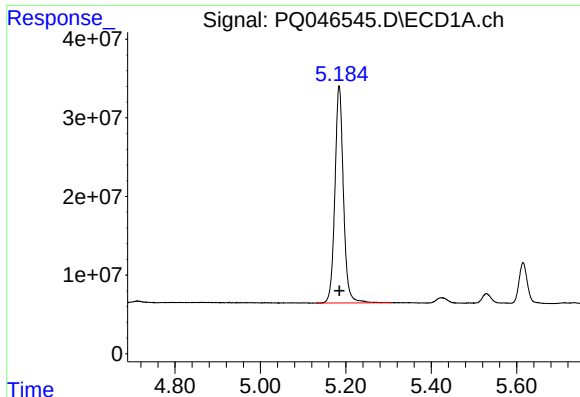
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 02:43:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022120.M
 Quant Title : GC EXTRACTABLES
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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	9.804	8.656	72436545	113.1E6	62.312	115.070 #
43) L9	AR-1268-3	10.064	8.867	5234203	3127085	5.580	3.982 #
44) L9	AR-1268-4	10.517	9.169	45621399	32639057	116.999	101.907
45) L9	AR-1268-5	10.955	9.479	15740615	10970241	5.604	4.338

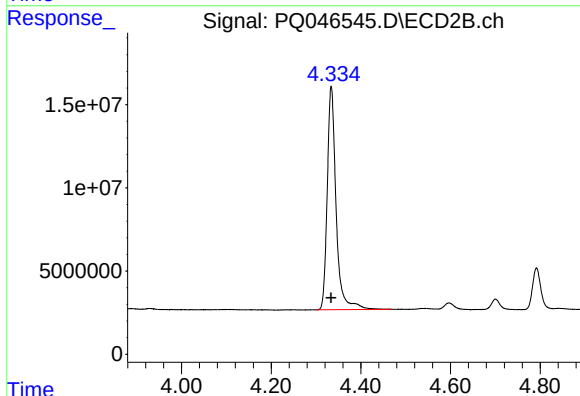
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

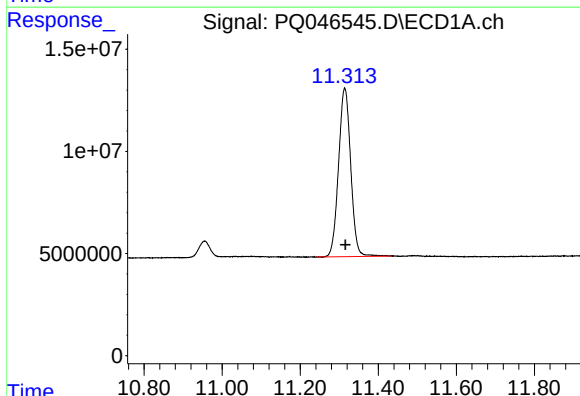
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 382378035
Conc: 25.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



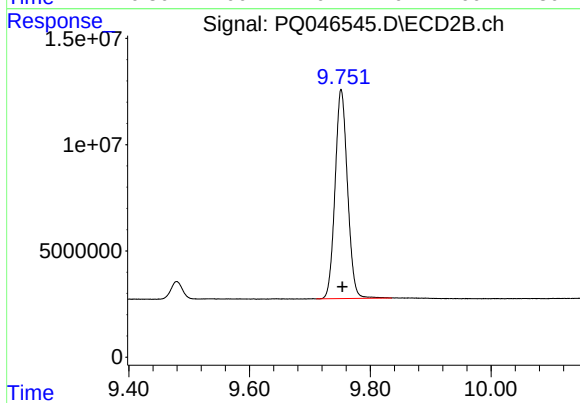
#1 Tetrachloro-m-xylene

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 184629209
Conc: 24.28 ng/ml



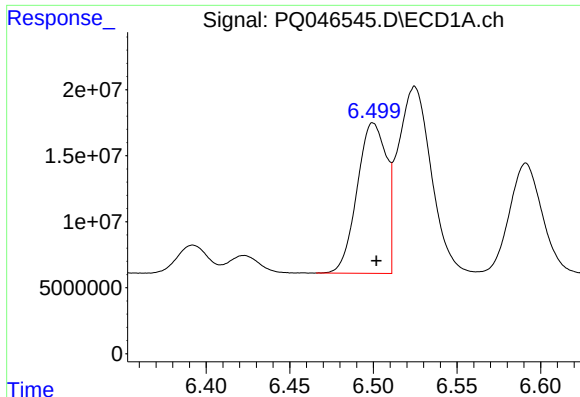
#2 Decachlorobiphenyl

R.T.: 11.314 min
Delta R.T.: -0.001 min
Response: 178102388
Conc: 21.88 ng/ml



#2 Decachlorobiphenyl

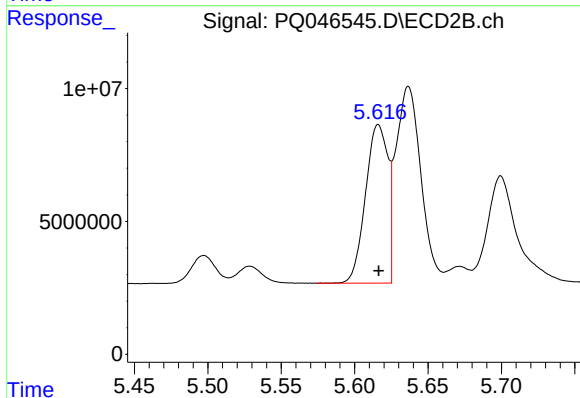
R.T.: 9.752 min
Delta R.T.: -0.002 min
Response: 140400910
Conc: 20.27 ng/ml



#3 AR-1016-1

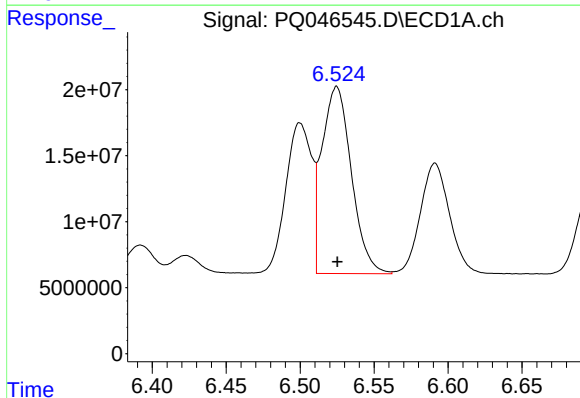
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 138905400
Conc: 252.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



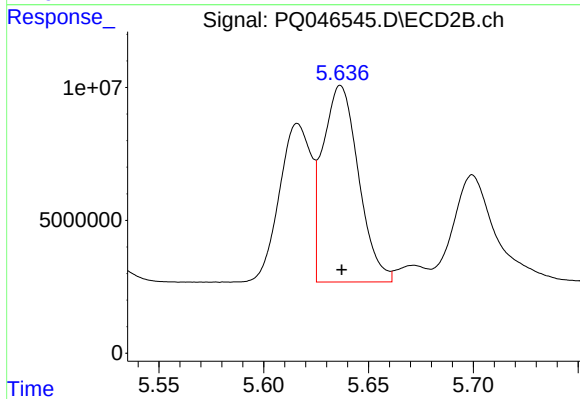
#3 AR-1016-1

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 63067208
Conc: 230.84 ng/ml



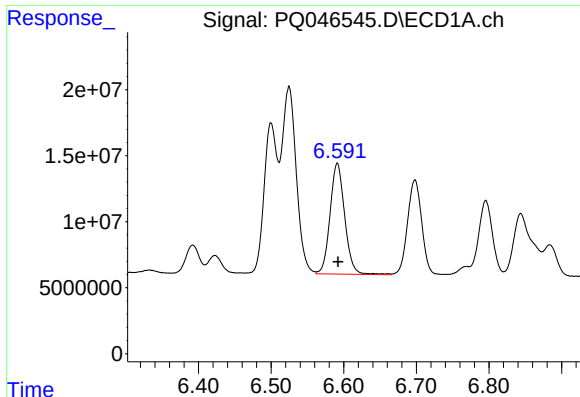
#4 AR-1016-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 196641981
Conc: 244.23 ng/ml



#4 AR-1016-2

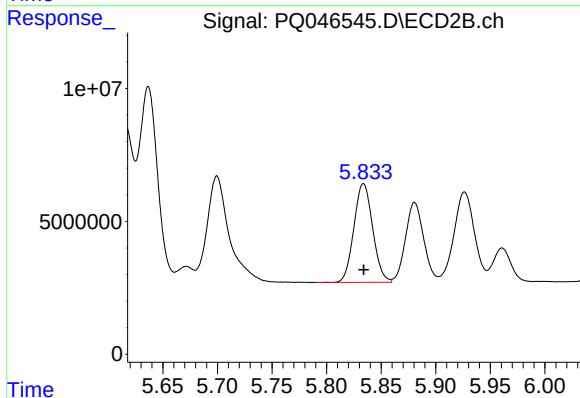
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 87778689
Conc: 228.08 ng/ml



#5 AR-1016-3

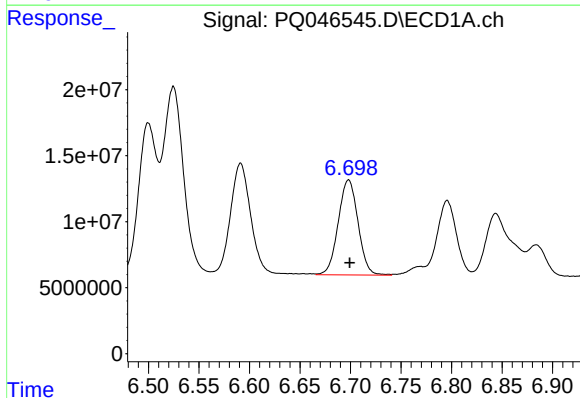
R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 117584901
Conc: 245.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



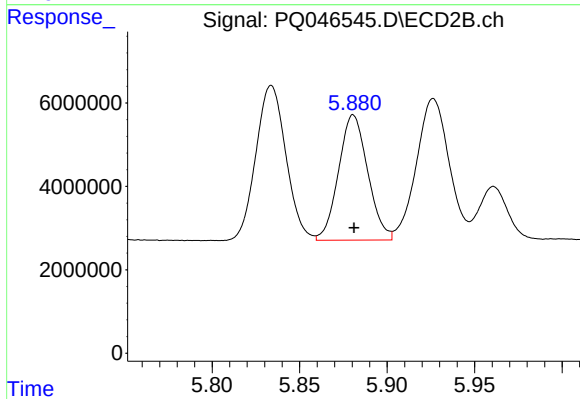
#5 AR-1016-3

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 44451686
Conc: 239.80 ng/ml



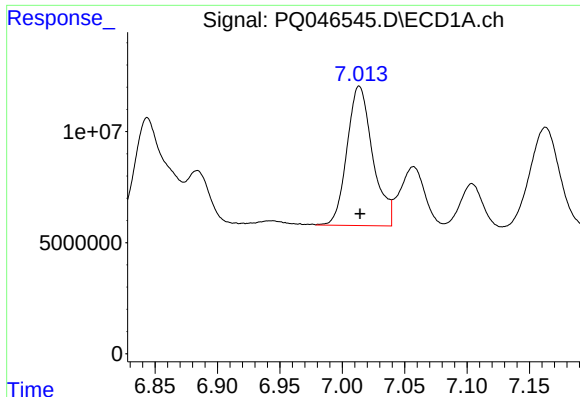
#6 AR-1016-4

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 98354476
Conc: 247.57 ng/ml



#6 AR-1016-4

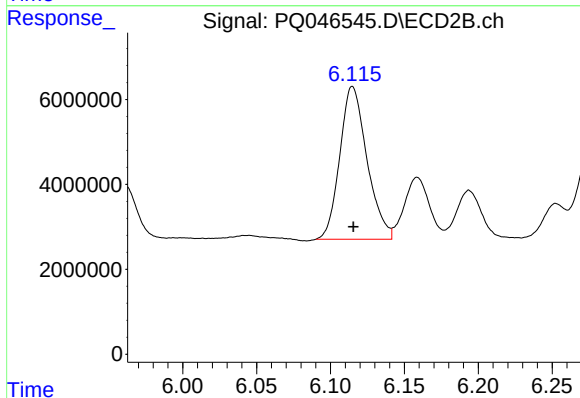
R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 34904081
Conc: 231.97 ng/ml



#7 AR-1016-5

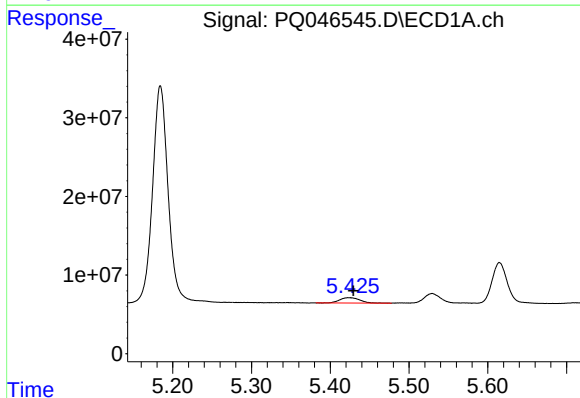
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 89922965
Conc: 239.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



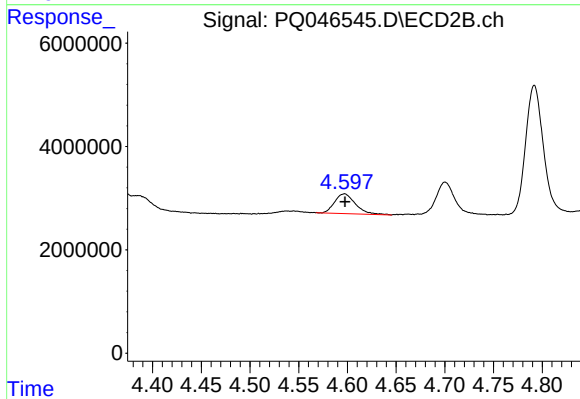
#7 AR-1016-5

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 46078968
Conc: 224.99 ng/ml



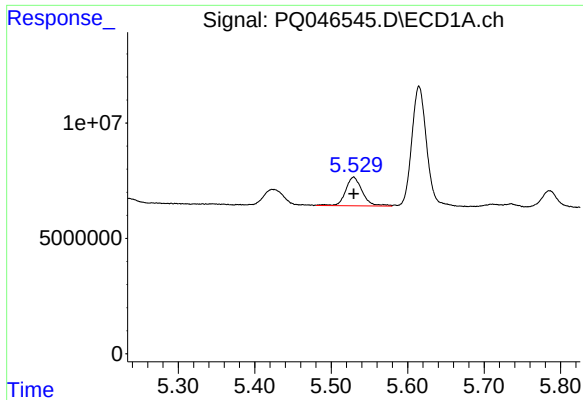
#8 AR-1221-1

R.T.: 5.424 min
Delta R.T.: -0.006 min
Response: 12249565
Conc: 87.29 ng/ml



#8 AR-1221-1

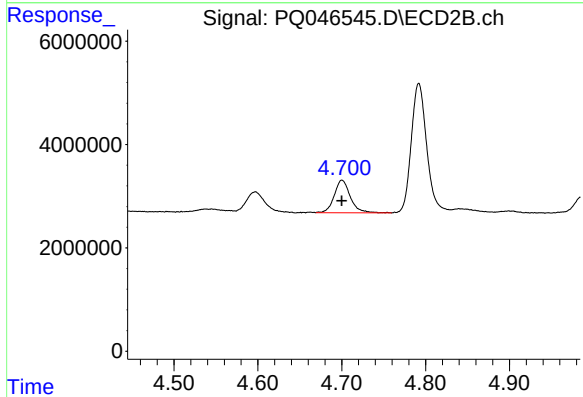
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 5673822
Conc: 83.05 ng/ml



#9 AR-1221-2

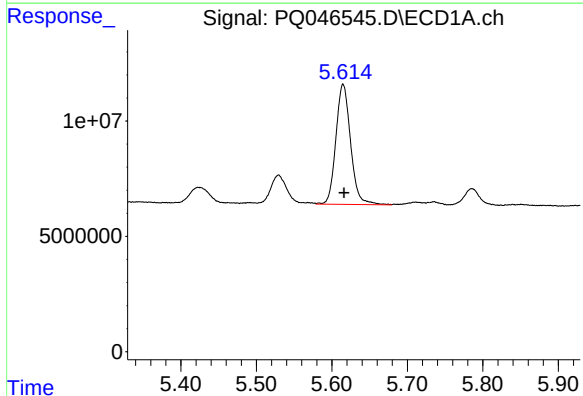
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 18951455
Conc: 173.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



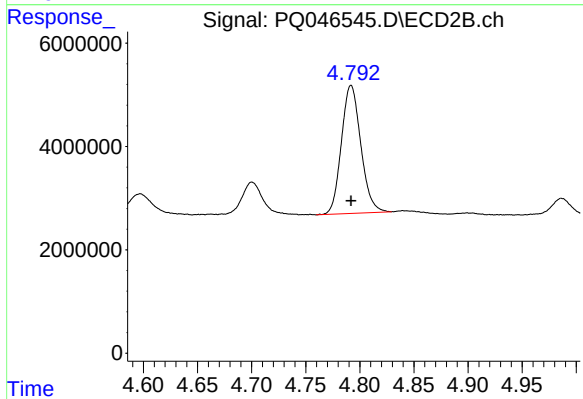
#9 AR-1221-2

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 8405157
Conc: 167.57 ng/ml



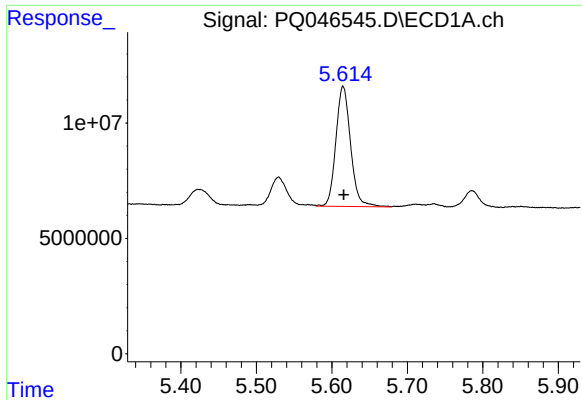
#10 AR-1221-3

R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 70654207
Conc: 210.97 ng/ml



#10 AR-1221-3

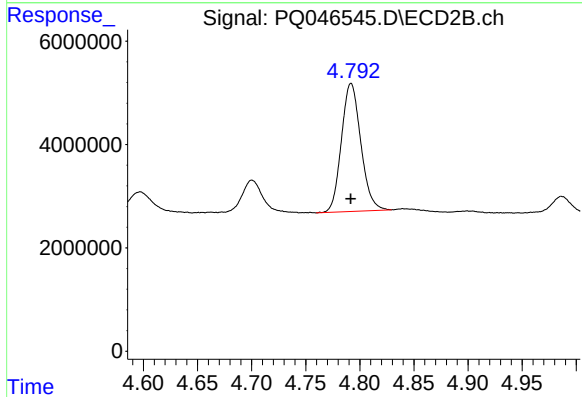
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 30950180
Conc: 187.02 ng/ml



#11 AR-1232-1

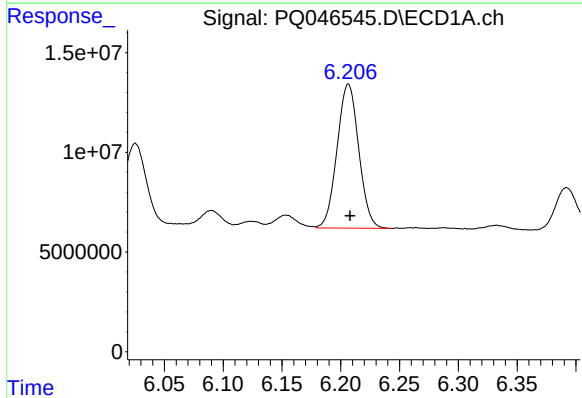
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 70654207
Conc: 261.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



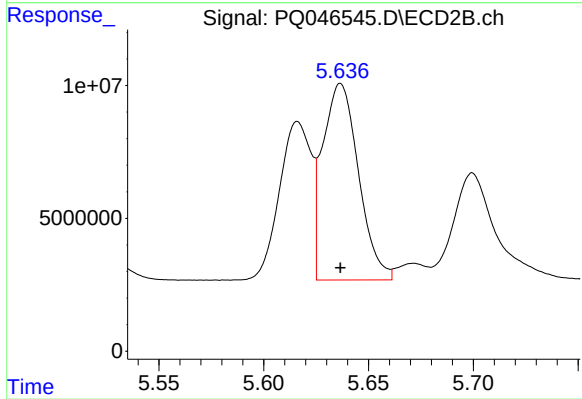
#11 AR-1232-1

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 30950180
Conc: 233.06 ng/ml



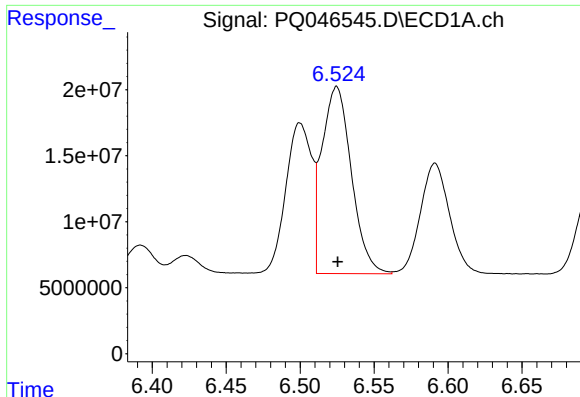
#12 AR-1232-2

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 92702067
Conc: 677.20 ng/ml



#12 AR-1232-2

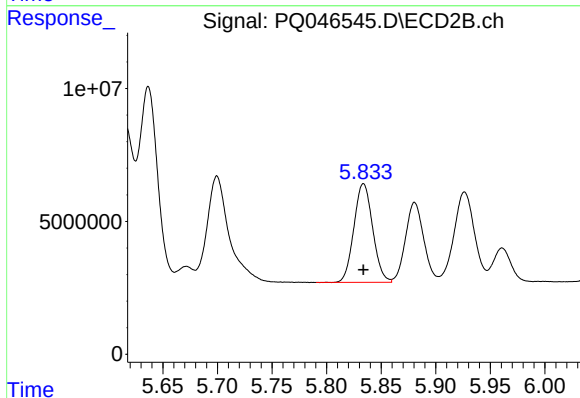
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 87778689
Conc: 649.93 ng/ml



#13 AR-1232-3

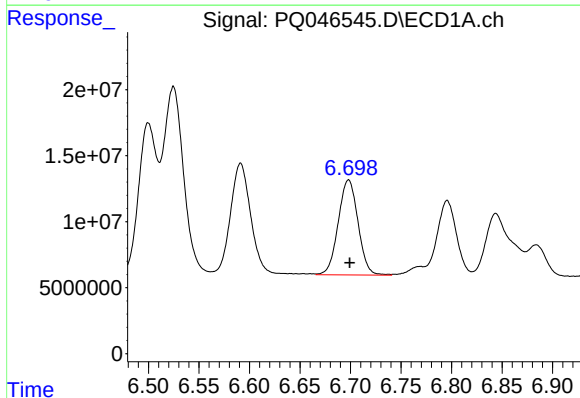
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 196641981
Conc: 674.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



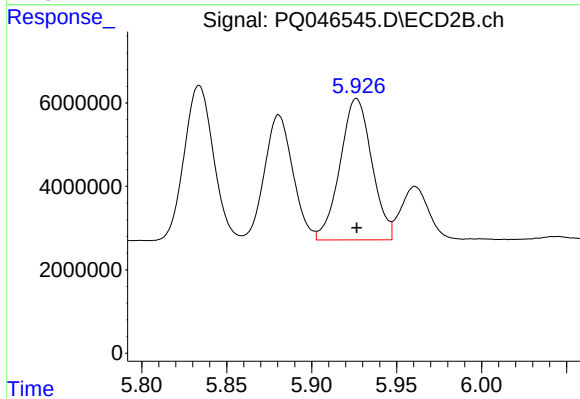
#13 AR-1232-3

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 44451686
Conc: 695.24 ng/ml



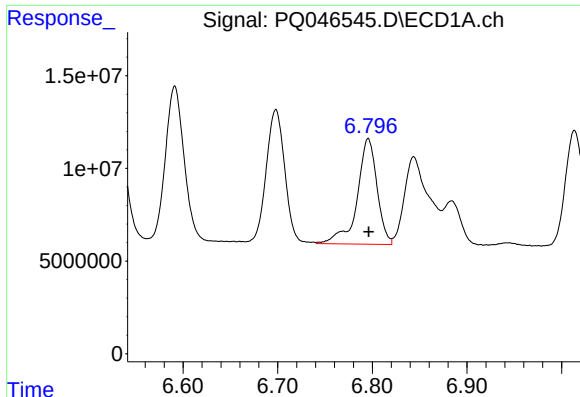
#14 AR-1232-4

R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 98354476
Conc: 691.15 ng/ml



#14 AR-1232-4

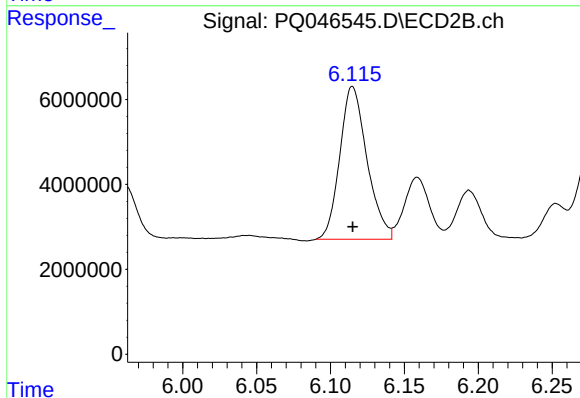
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 44110062
Conc: 729.69 ng/ml



#15 AR-1232-5

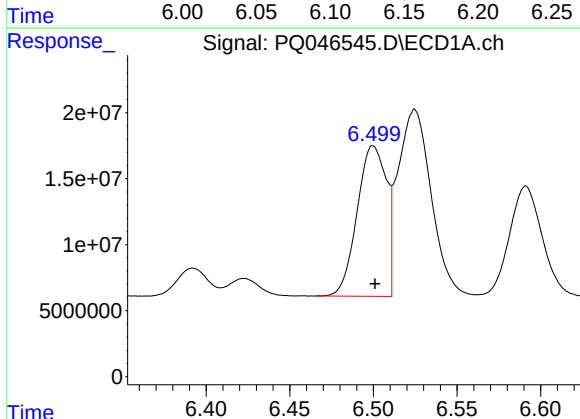
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 83382714
Conc: 792.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



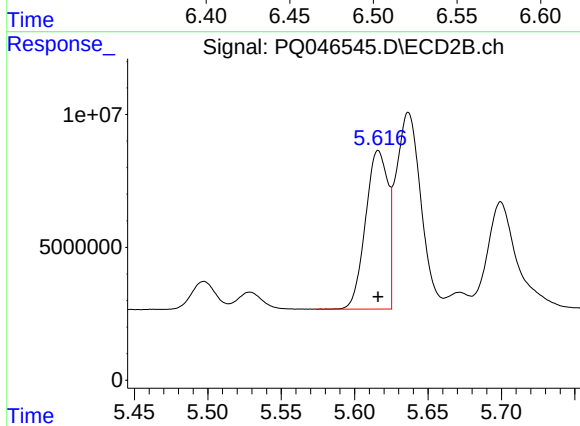
#15 AR-1232-5

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 46078968
Conc: 685.21 ng/ml



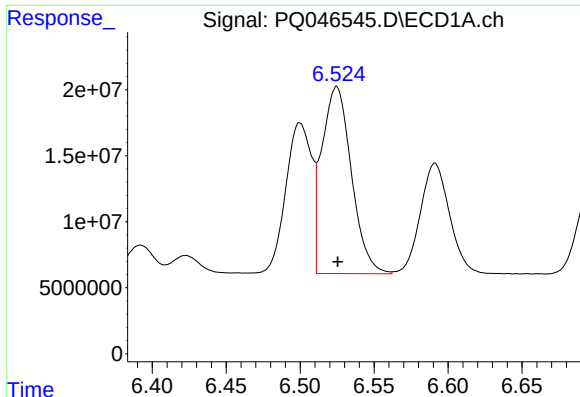
#16 AR-1242-1

R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 138905400
Conc: 385.06 ng/ml



#16 AR-1242-1

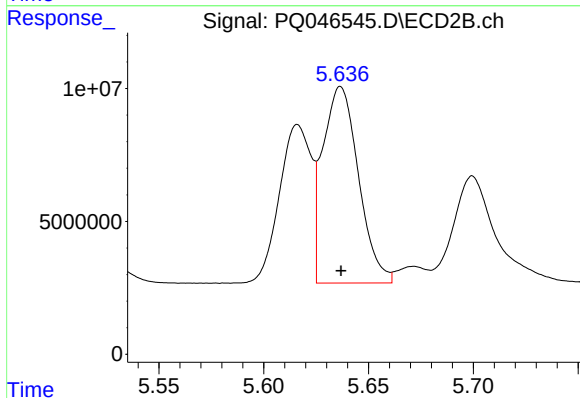
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 63067208
Conc: 353.83 ng/ml



#17 AR-1242-2

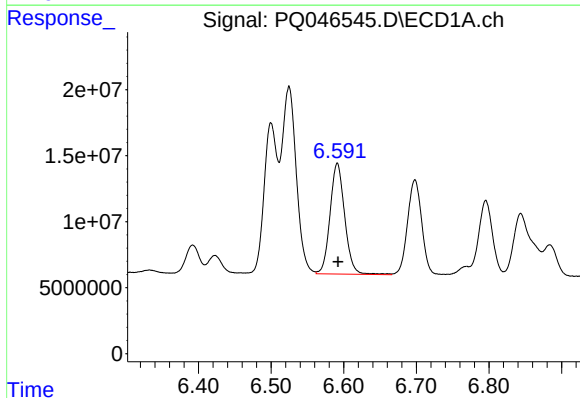
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 196641981
Conc: 365.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



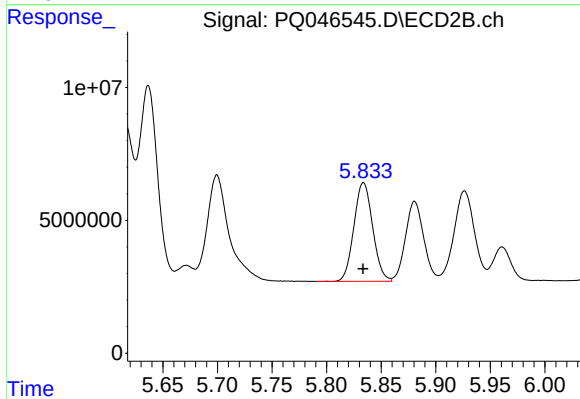
#17 AR-1242-2

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 87778689
Conc: 346.63 ng/ml



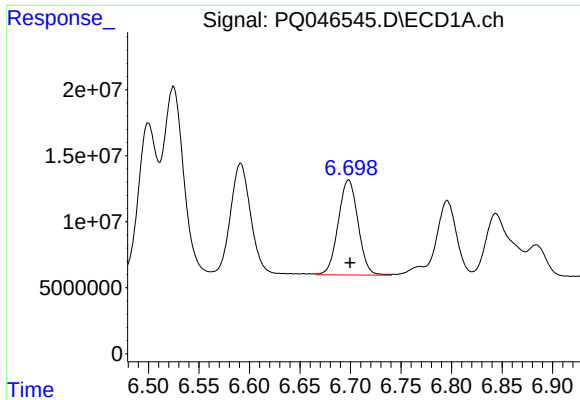
#18 AR-1242-3

R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 117584901
Conc: 369.00 ng/ml



#18 AR-1242-3

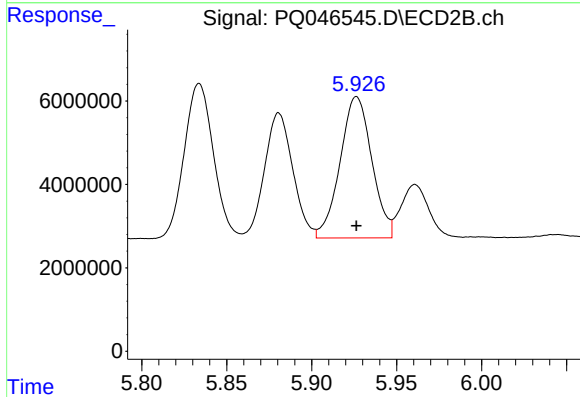
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 44451686
Conc: 355.61 ng/ml



#19 AR-1242-4

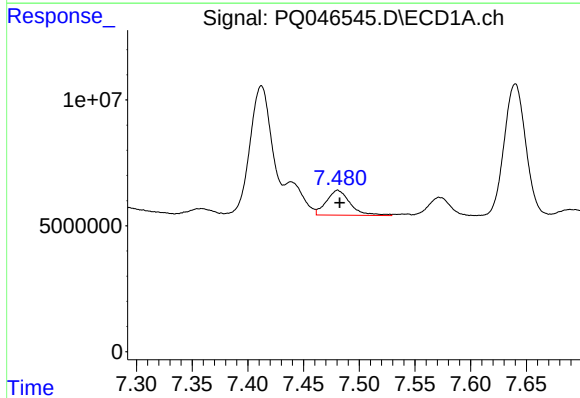
R.T.: 6.698 min
Delta R.T.: -0.001 min
Response: 98354476
Conc: 372.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



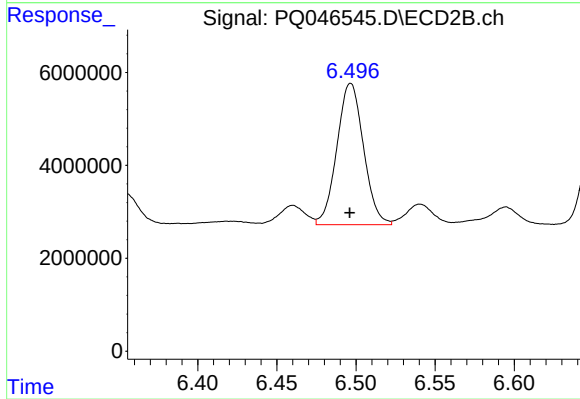
#19 AR-1242-4

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 44110062
Conc: 348.71 ng/ml



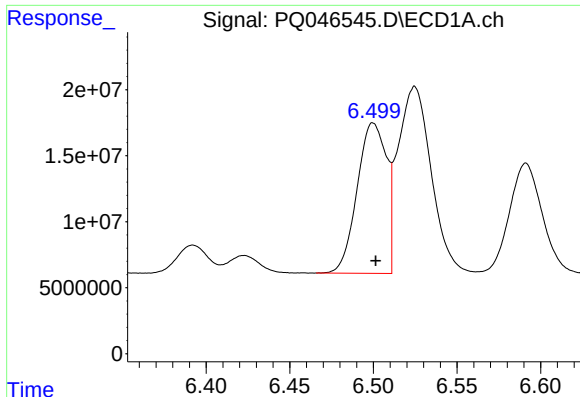
#20 AR-1242-5

R.T.: 7.481 min
Delta R.T.: -0.002 min
Response: 14782601
Conc: 51.52 ng/ml



#20 AR-1242-5

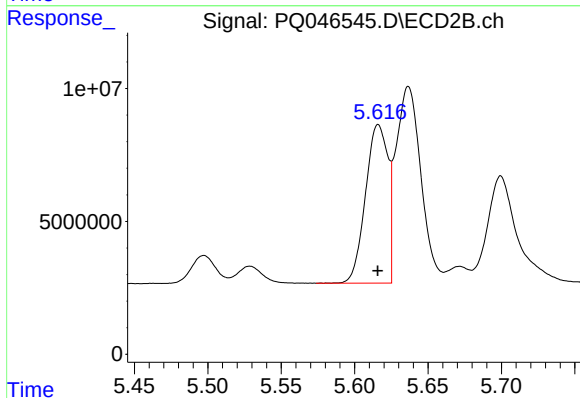
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 35654773
Conc: 216.76 ng/ml



#21 AR-1248-1

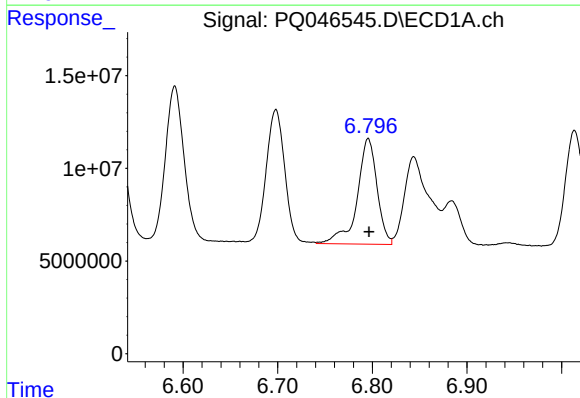
R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 138905400
Conc: 494.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



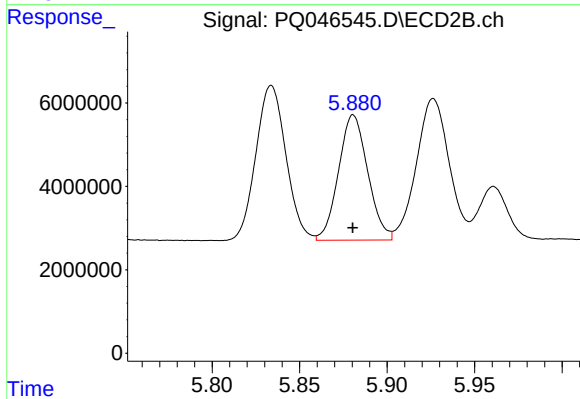
#21 AR-1248-1

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 63067208
Conc: 467.53 ng/ml



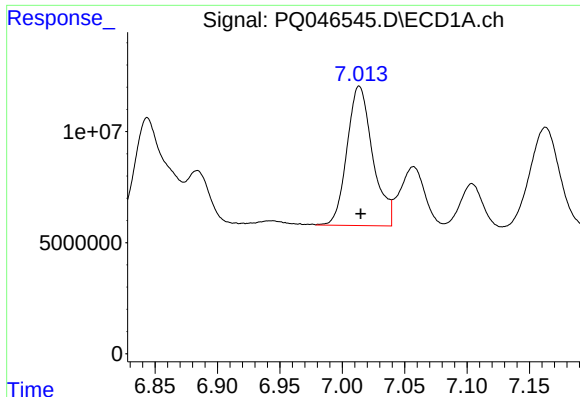
#22 AR-1248-2

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 83382714
Conc: 222.76 ng/ml



#22 AR-1248-2

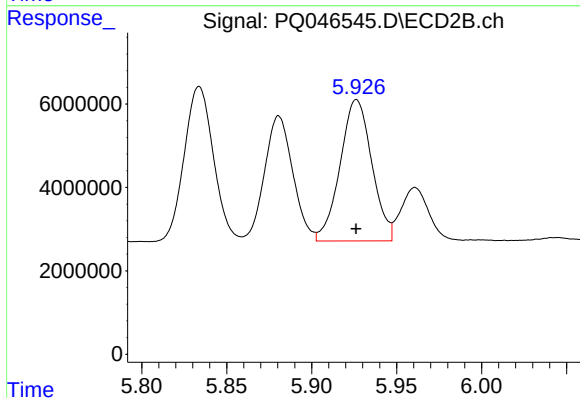
R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 34904081
Conc: 201.99 ng/ml



#23 AR-1248-3

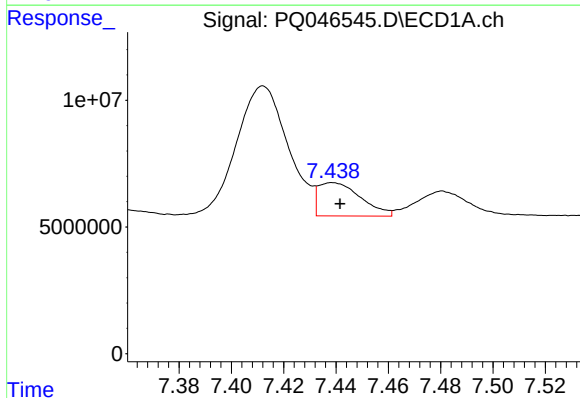
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 89922965
Conc: 217.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



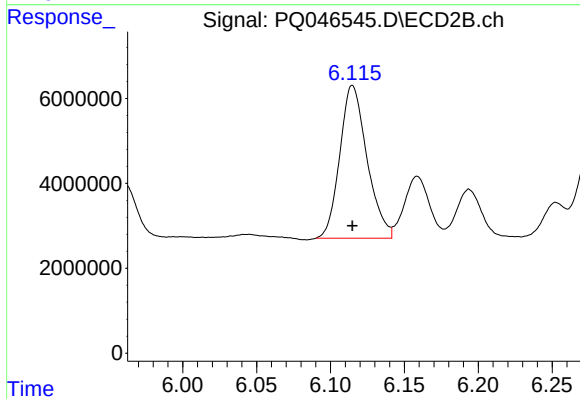
#23 AR-1248-3

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 44110062
Conc: 242.28 ng/ml



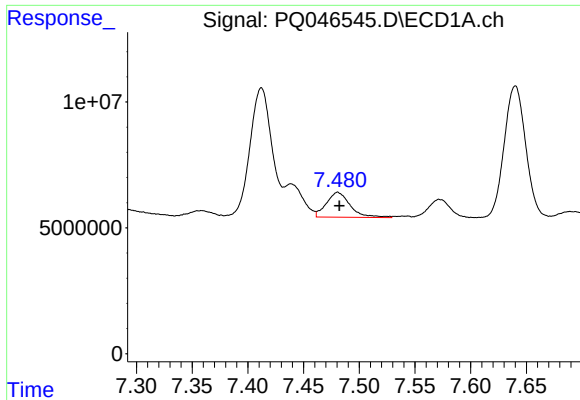
#24 AR-1248-4

R.T.: 7.439 min
Delta R.T.: -0.003 min
Response: 14820158
Conc: 31.11 ng/ml



#24 AR-1248-4

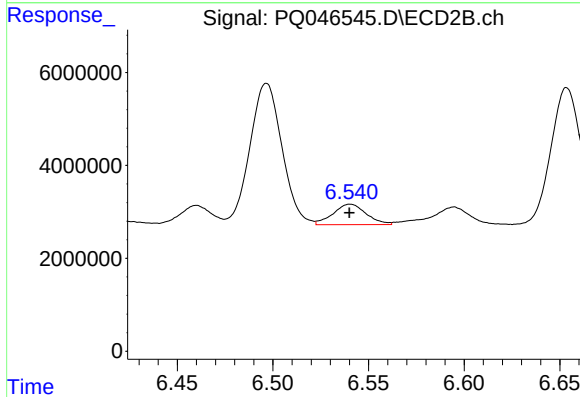
R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 46078968
Conc: 208.62 ng/ml



#25 AR-1248-5

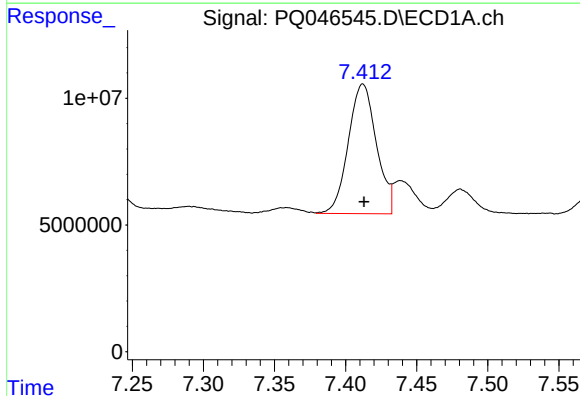
R.T.: 7.481 min
Delta R.T.: -0.002 min
Response: 14782601
Conc: 32.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



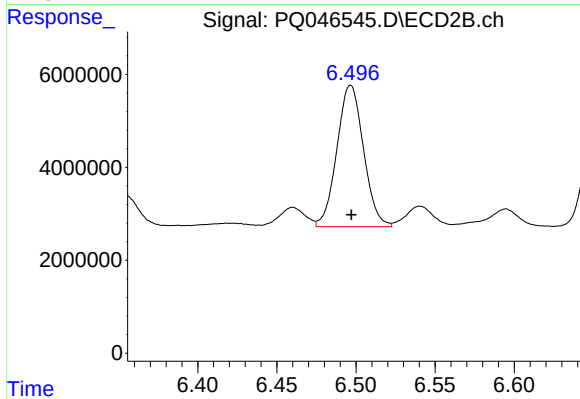
#25 AR-1248-5

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 5333435
Conc: 24.19 ng/ml



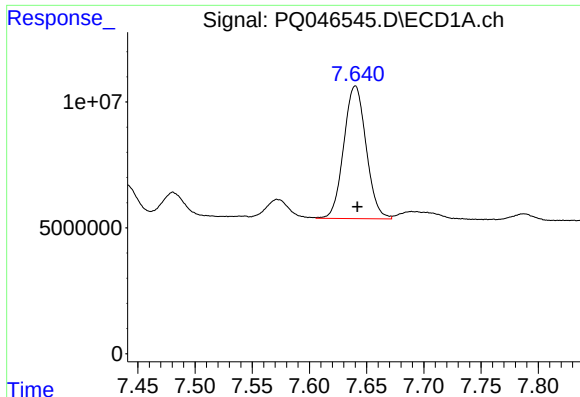
#26 AR-1254-1

R.T.: 7.412 min
Delta R.T.: 0.000 min
Response: 70309891
Conc: 150.23 ng/ml



#26 AR-1254-1

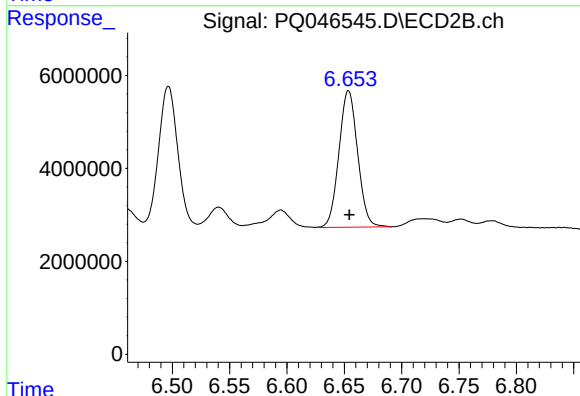
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 35654773
Conc: 100.82 ng/ml



#27 AR-1254-2

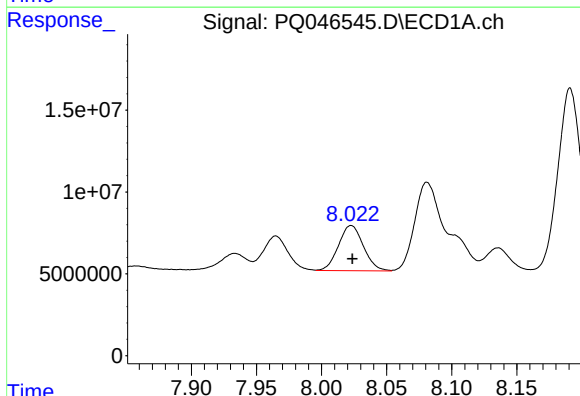
R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 71690325
Conc: 100.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



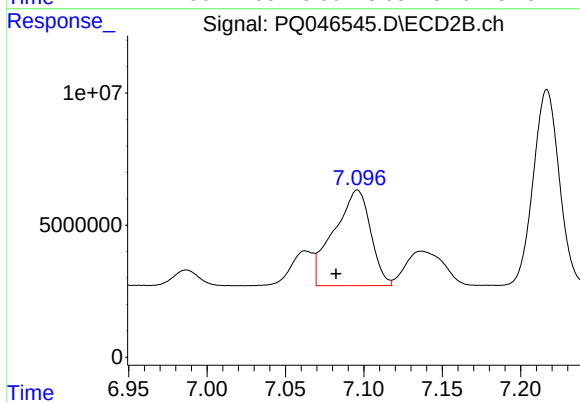
#27 AR-1254-2

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 33339501
Conc: 109.04 ng/ml



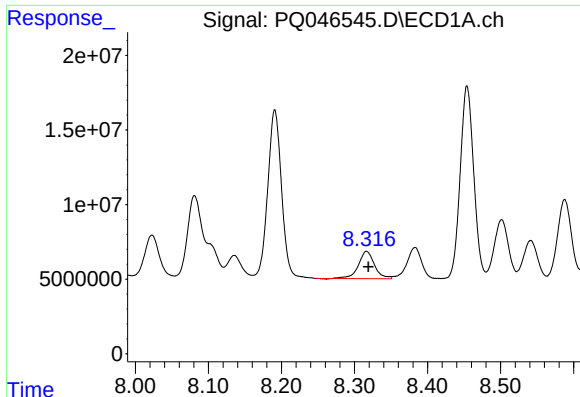
#28 AR-1254-3

R.T.: 8.023 min
Delta R.T.: 0.000 min
Response: 36914083
Conc: 50.90 ng/ml



#28 AR-1254-3

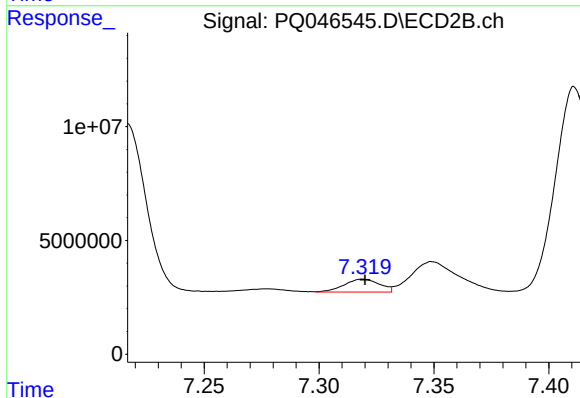
R.T.: 7.096 min
Delta R.T.: 0.014 min
Response: 58833636
Conc: 114.77 ng/ml



#29 AR-1254-4

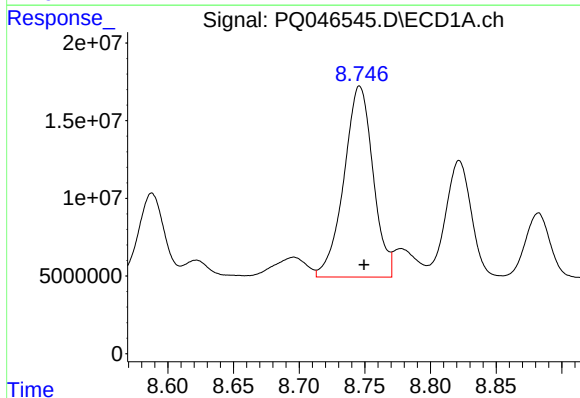
R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 27862218
Conc: 52.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



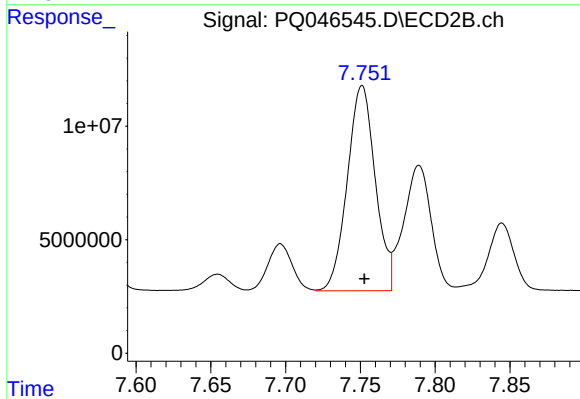
#29 AR-1254-4

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 6105675
Conc: 19.38 ng/ml



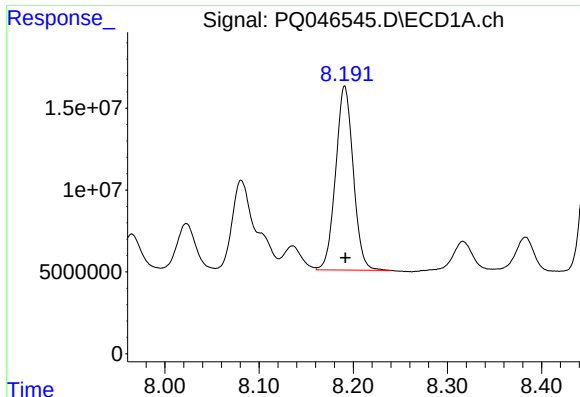
#30 AR-1254-5

R.T.: 8.746 min
Delta R.T.: -0.003 min
Response: 189757873
Conc: 370.41 ng/ml



#30 AR-1254-5

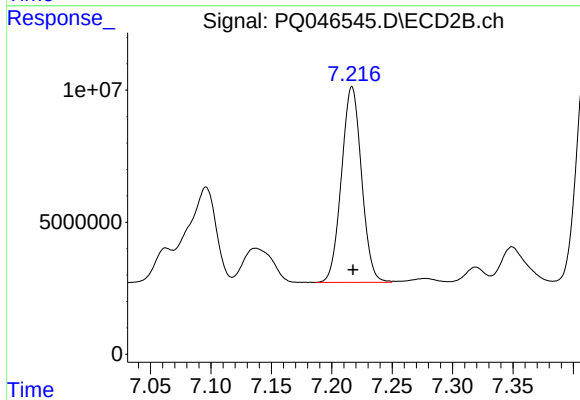
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 117623424
Conc: 267.85 ng/ml



#31 AR-1260-1

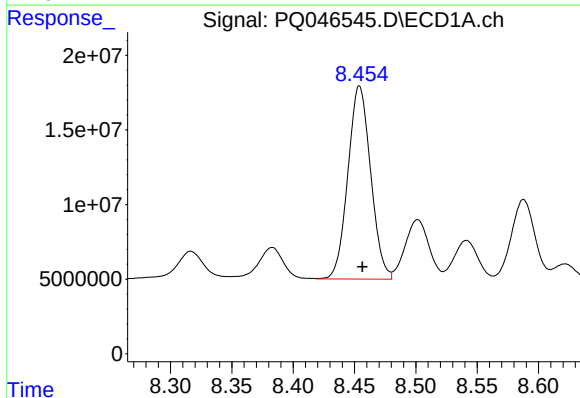
R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 145963579
Conc: 247.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



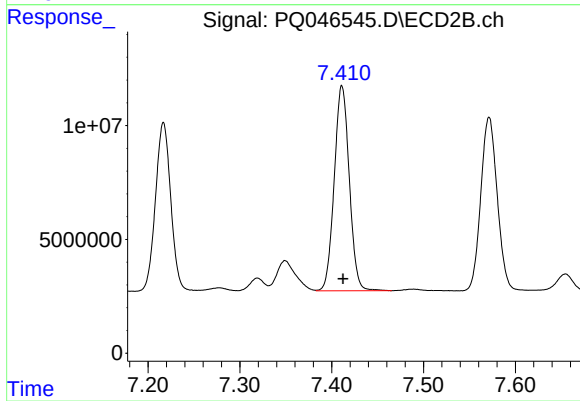
#31 AR-1260-1

R.T.: 7.217 min
Delta R.T.: 0.000 min
Response: 85640977
Conc: 224.77 ng/ml



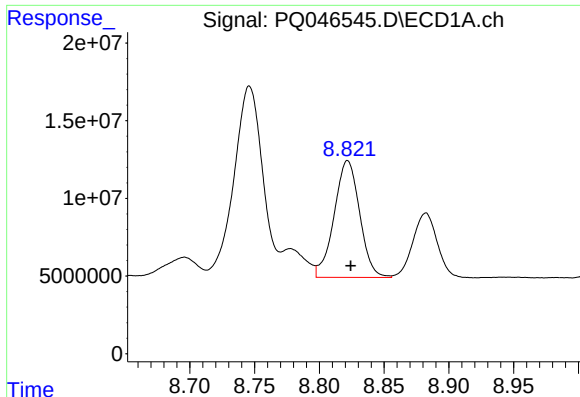
#32 AR-1260-2

R.T.: 8.454 min
Delta R.T.: -0.002 min
Response: 167446555
Conc: 243.22 ng/ml



#32 AR-1260-2

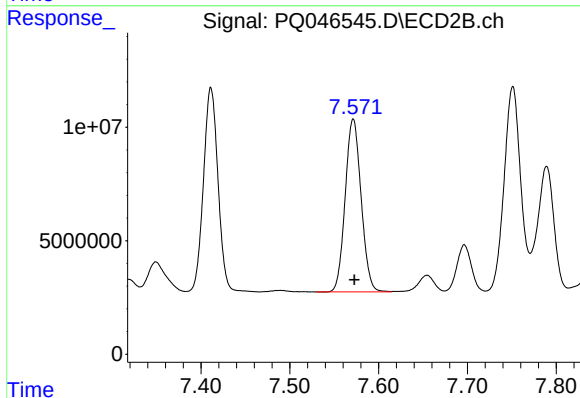
R.T.: 7.411 min
Delta R.T.: -0.001 min
Response: 102756154
Conc: 222.91 ng/ml



#33 AR-1260-3

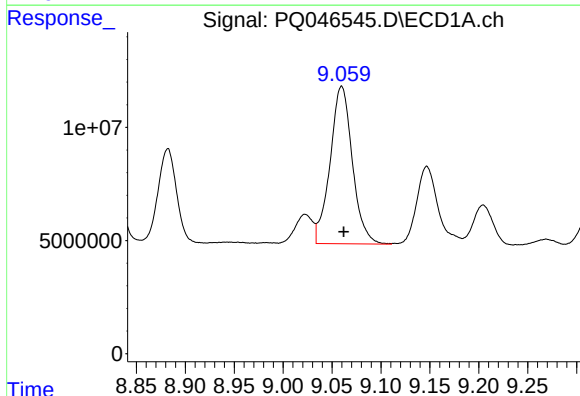
R.T.: 8.822 min
Delta R.T.: -0.002 min
Response: 103087257
Conc: 203.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



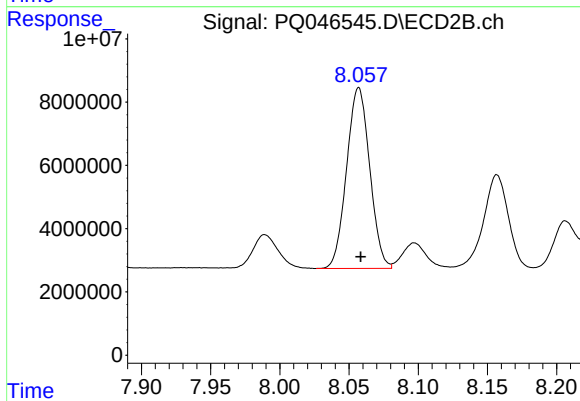
#33 AR-1260-3

R.T.: 7.572 min
Delta R.T.: -0.001 min
Response: 94901148
Conc: 220.21 ng/ml



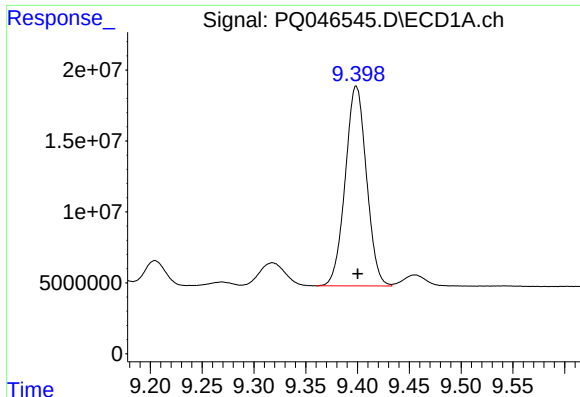
#34 AR-1260-4

R.T.: 9.060 min
Delta R.T.: -0.002 min
Response: 110191572
Conc: 204.18 ng/ml



#34 AR-1260-4

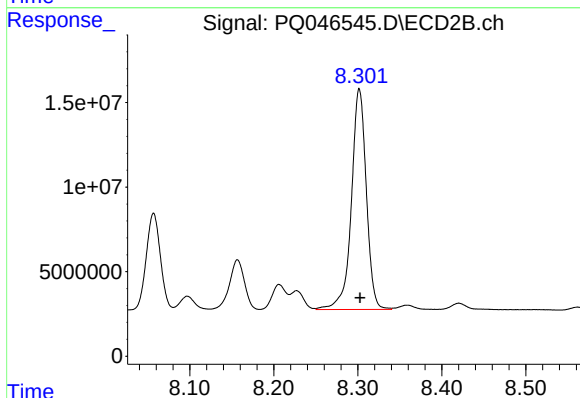
R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 66469388
Conc: 182.72 ng/ml



#35 AR-1260-5

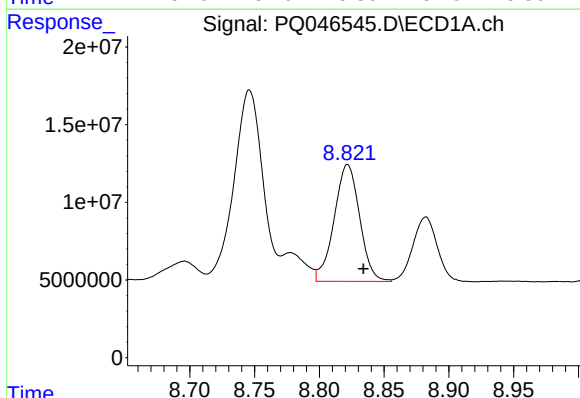
R.T.: 9.399 min
Delta R.T.: -0.002 min
Response: 200935836
Conc: 193.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



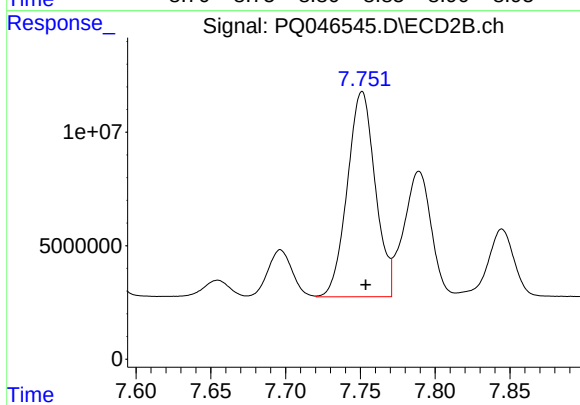
#35 AR-1260-5

R.T.: 8.302 min
Delta R.T.: -0.001 min
Response: 161362127
Conc: 177.87 ng/ml



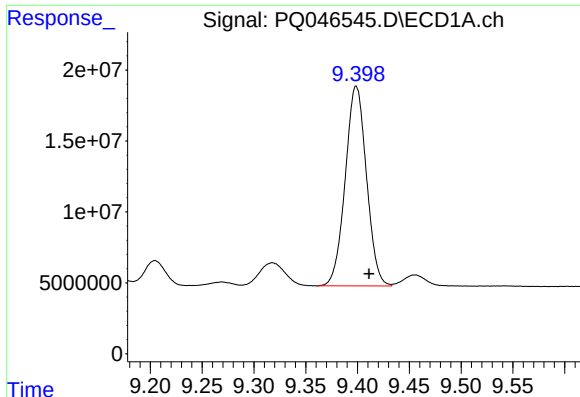
#36 AR-1262-1

R.T.: 8.822 min
Delta R.T.: -0.012 min
Response: 103087257
Conc: 156.20 ng/ml



#36 AR-1262-1

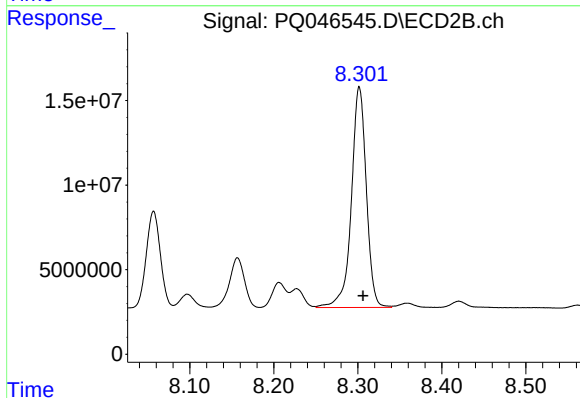
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 117623424
Conc: 480.88 ng/ml



#37 AR-1262-2

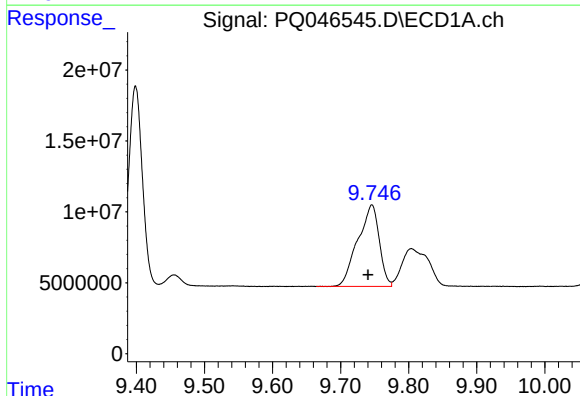
R.T.: 9.399 min
Delta R.T.: -0.012 min
Response: 200935836
Conc: 192.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



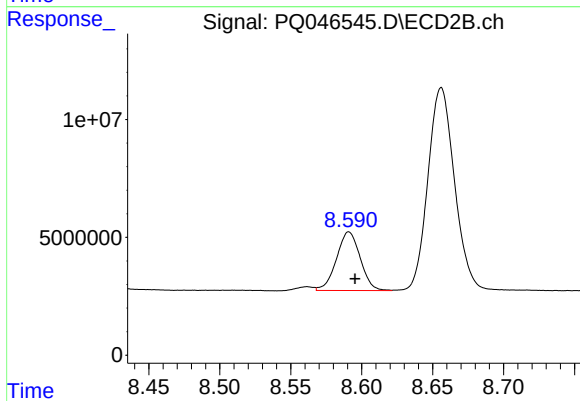
#37 AR-1262-2

R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 161362127
Conc: 179.09 ng/ml



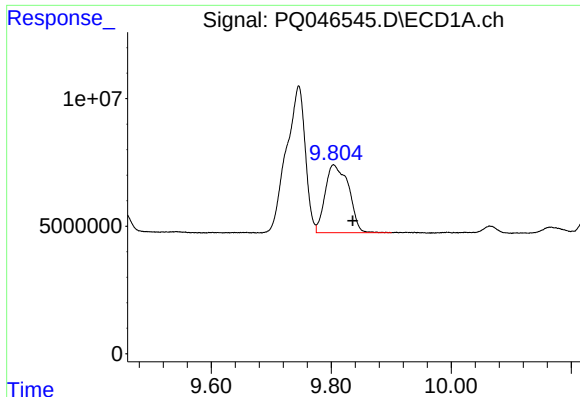
#38 AR-1262-3

R.T.: 9.746 min
Delta R.T.: 0.006 min
Response: 125896426
Conc: 186.05 ng/ml



#38 AR-1262-3

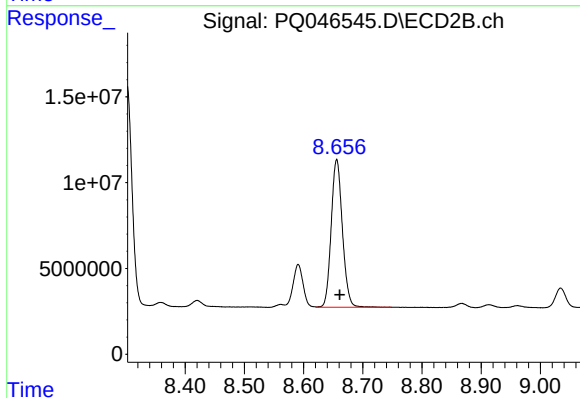
R.T.: 8.591 min
Delta R.T.: -0.004 min
Response: 29028389
Conc: 87.32 ng/ml



#39 AR-1262-4

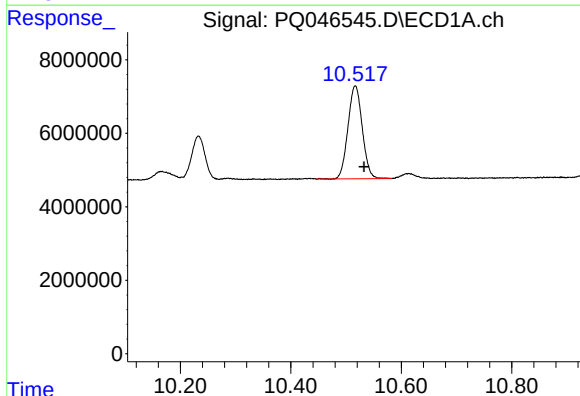
R.T.: 9.804 min
Delta R.T.: -0.032 min
Response: 72436545
Conc: 137.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



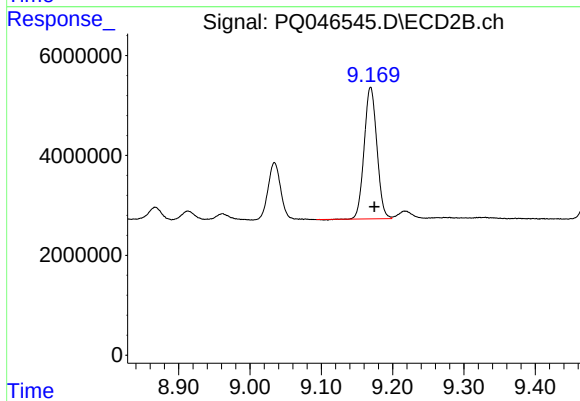
#39 AR-1262-4

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 113107757
Conc: 174.61 ng/ml



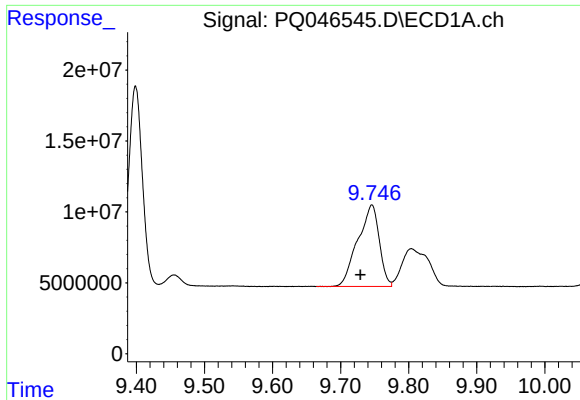
#40 AR-1262-5

R.T.: 10.517 min
Delta R.T.: -0.016 min
Response: 45621399
Conc: 135.81 ng/ml



#40 AR-1262-5

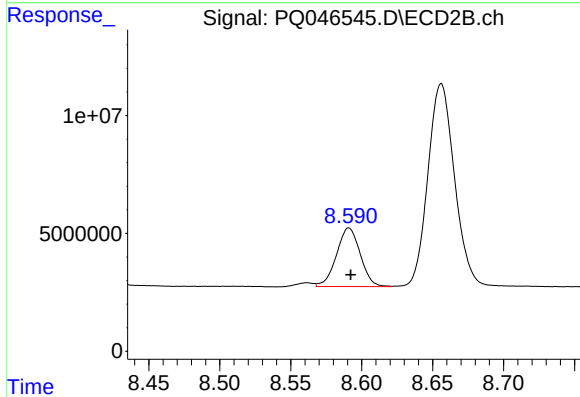
R.T.: 9.169 min
Delta R.T.: -0.006 min
Response: 32639057
Conc: 118.17 ng/ml



#41 AR-1268-1

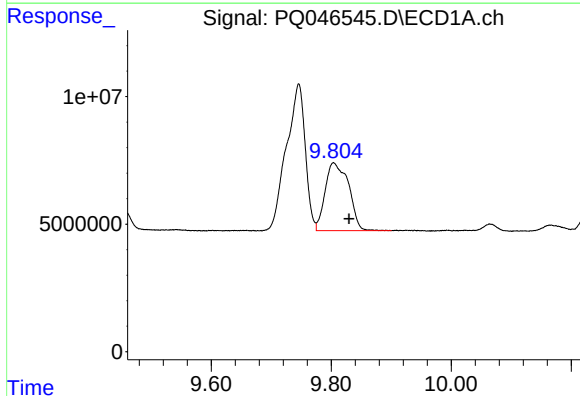
R.T.: 9.746 min
Delta R.T.: 0.017 min
Response: 125896426
Conc: 102.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



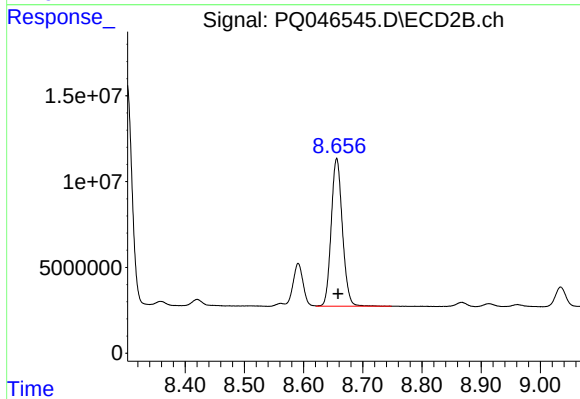
#41 AR-1268-1

R.T.: 8.591 min
Delta R.T.: -0.001 min
Response: 29028389
Conc: 27.51 ng/ml



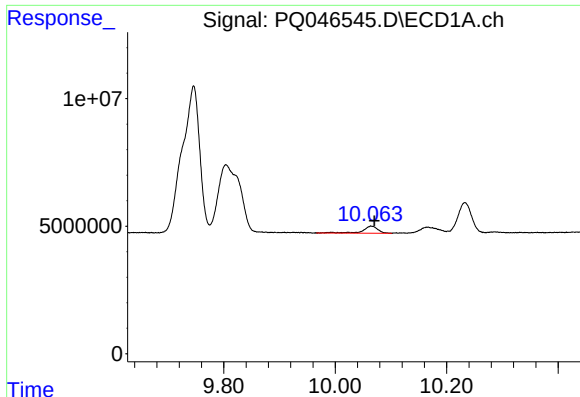
#42 AR-1268-2

R.T.: 9.804 min
Delta R.T.: -0.026 min
Response: 72436545
Conc: 62.31 ng/ml



#42 AR-1268-2

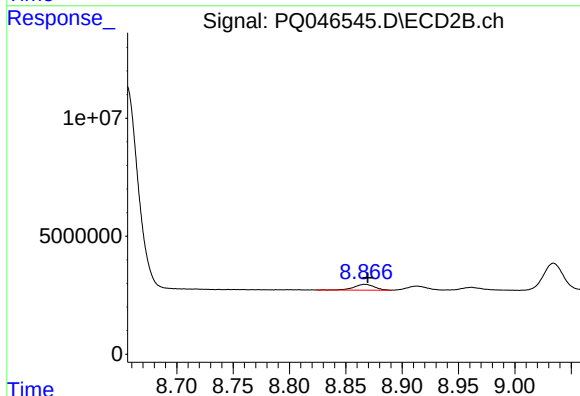
R.T.: 8.656 min
Delta R.T.: -0.002 min
Response: 113107757
Conc: 115.07 ng/ml



#43 AR-1268-3

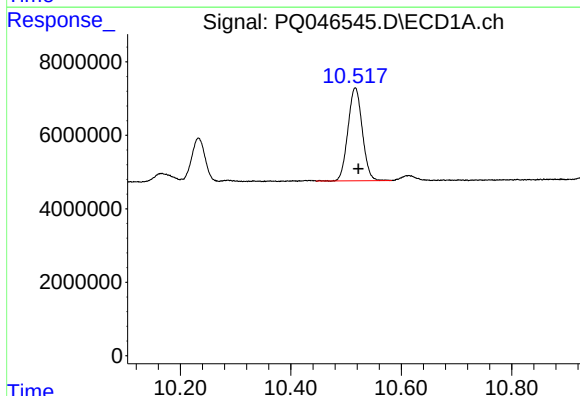
R.T.: 10.064 min
Delta R.T.: -0.006 min
Response: 5234203
Conc: 5.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



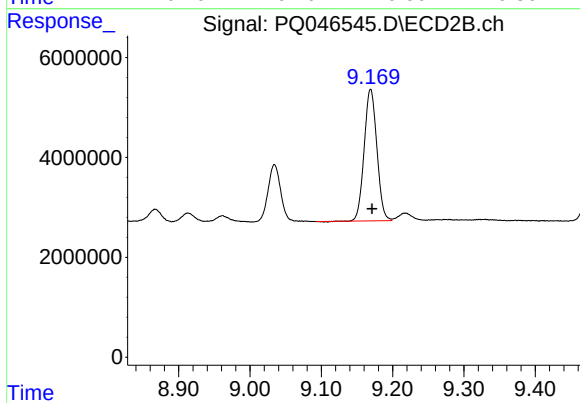
#43 AR-1268-3

R.T.: 8.867 min
Delta R.T.: -0.002 min
Response: 3127085
Conc: 3.98 ng/ml



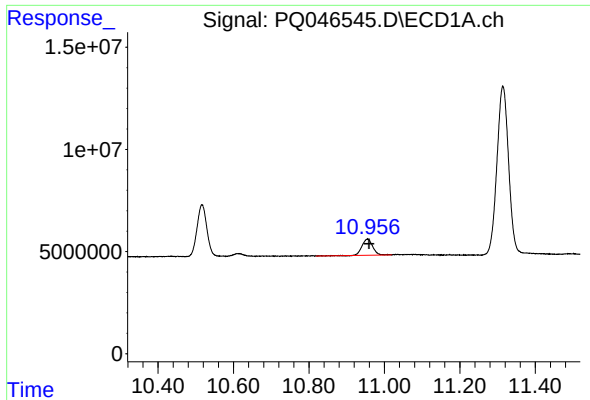
#44 AR-1268-4

R.T.: 10.517 min
Delta R.T.: -0.006 min
Response: 45621399
Conc: 117.00 ng/ml



#44 AR-1268-4

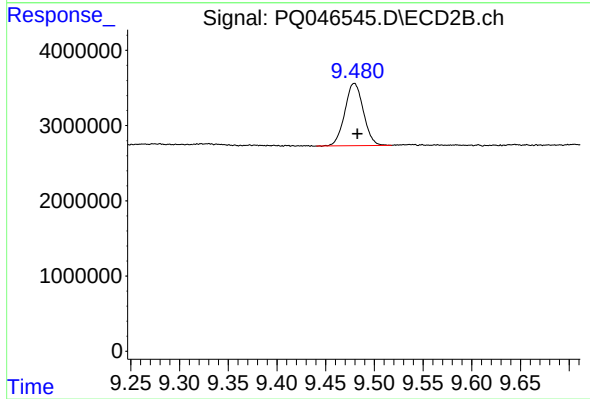
R.T.: 9.169 min
Delta R.T.: -0.002 min
Response: 32639057
Conc: 101.91 ng/ml



#45 AR-1268-5

R.T.: 10.955 min
Delta R.T.: -0.005 min
Response: 15740615
Conc: 5.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.479 min
Delta R.T.: -0.003 min
Response: 10970241
Conc: 4.34 ng/ml