

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031720\
 Data File : PQ047009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2020 17:21
 Operator : AJ\MA
 Sample : L1949-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:09:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 17 15:09:31 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...	5.118	4.274	442.5E6	57812691	19.791	20.143
2)	SA Decachlor...	11.195	9.660	265.0E6	65579810	20.746	19.653
Target Compounds							
3)	L1 AR-1016-1	6.433	5.548	189.8E6	25330632	208.032	215.610
4)	L1 AR-1016-2	6.456	5.569	265.2E6	34150109	205.127	213.749
5)	L1 AR-1016-3	6.523	5.764	160.3E6	18143957	209.982	212.259
6)	L1 AR-1016-4	6.630	5.812	141.5E6	14541631	213.022	209.609
7)	L1 AR-1016-5	6.945	6.046	128.9E6	19496871	201.804	213.567
8)	L2 AR-1221-1	5.359	4.534	15071094	2032718	62.313	67.633
9)	L2 AR-1221-2	5.463	4.637	23078470	3036382	124.473	134.608
10)	L2 AR-1221-3	5.549	4.728	89020521	11763262	159.728	170.477
11)	L3 AR-1232-1	5.549	4.728	89020521	11763262	227.504	246.984
12)	L3 AR-1232-2	6.139	5.569	127.8E6	34150109	591.327	674.885
13)	L3 AR-1232-3	6.456	5.764	265.2E6	18143957	631.887	687.106
14)	L3 AR-1232-4	6.630	5.858	141.5E6	18043205	656.303	761.307
15)	L3 AR-1232-5	6.727	6.046	118.9E6	19496871	813.273	724.645
16)	L4 AR-1242-1	6.433	5.548	189.8E6	25330632	327.673	337.827
17)	L4 AR-1242-2	6.456	5.569	265.2E6	34150109	324.517	337.831
18)	L4 AR-1242-3	6.523	5.764	160.3E6	18143957	323.288	328.961
19)	L4 AR-1242-4	6.630	5.858	141.5E6	18043205	330.371	339.662
20)	L4 AR-1242-5	7.411	6.427	20025771	16330715	42.624	226.796 #
21)	L5 AR-1248-1	6.433	5.548	189.8E6	25330632	403.031	421.739
22)	L5 AR-1248-2	6.727	5.812	118.9E6	14541631	184.749	187.545
23)	L5 AR-1248-3	6.945	5.858	128.9E6	18043205	178.691	225.859 #
24)	L5 AR-1248-4	7.370	6.046	22358271	19496871	27.548	206.088 #
25)	L5 AR-1248-5	7.411	6.470	20025771	2931384	25.951	27.827
26)	L6 AR-1254-1	7.343	6.427	103.0E6	16330715	133.340	109.413
27)	L6 AR-1254-2	7.570	6.584	111.3E6	16299059	94.375	126.910 #
28)	L6 AR-1254-3	7.953	7.026	64380939	28099828	55.162	132.268 #
29)	L6 AR-1254-4	8.246	7.249	42802638	3512071	45.744	25.923 #
30)	L6 AR-1254-5	8.675	7.680	332.1E6	57882550	395.855	315.050
31)	L7 AR-1260-1	8.121	7.146	288.4E6	40179194	275.731	229.720
32)	L7 AR-1260-2	8.384	7.341	310.5E6	49374046	226.045	229.130
33)	L7 AR-1260-3	8.752	7.501	202.2E6	44999205	187.651	223.745
34)	L7 AR-1260-4	8.986	7.985	206.2E6	34108309	206.671	194.548
35)	L7 AR-1260-5	9.320	8.230	409.8E6	85294309	197.169	195.771
36)	L8 AR-1262-1	8.752	7.680	202.2E6	57882550	155.456	535.661 #
37)	L8 AR-1262-2	9.320	8.230	409.8E6	85294309	210.903	215.439
38)	L8 AR-1262-3	9.659	8.518	246.4E6	15829037	201.616	105.784 #
39)	L8 AR-1262-4	9.716	8.583	143.4E6	58894384	157.833	207.322 #
40)	L8 AR-1262-5	10.416	9.091	87354635	18876562	154.574	145.622
41)	L9 AR-1268-1	9.659	8.518	246.4E6	15829037	115.822	36.758 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031720\
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 Acq On : 17 Mar 2020 17:21
 Operator : AJ\MA
 Sample : L1949-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

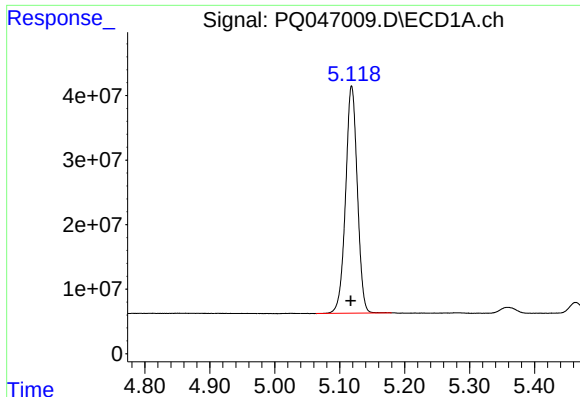
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:09:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.M
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 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	9.716	8.583	143.4E6	58894384	79.272	150.143 #
43) L9	AR-1268-3	9.972	8.793	20282326	1742076	13.625	5.472 #
44) L9	AR-1268-4	10.416	9.091	87354635	18876562	143.536	135.810
45) L9	AR-1268-5	10.844	9.395	35511346	6293278	9.469	6.248 #

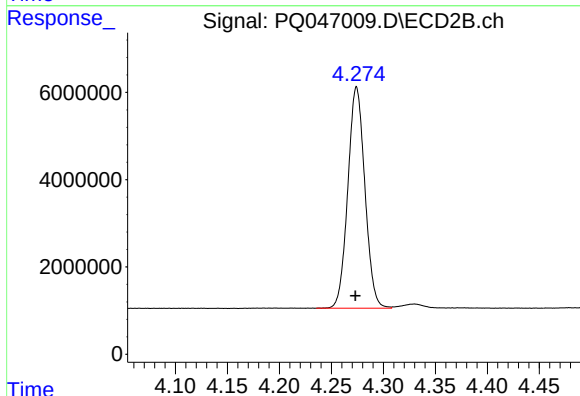
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

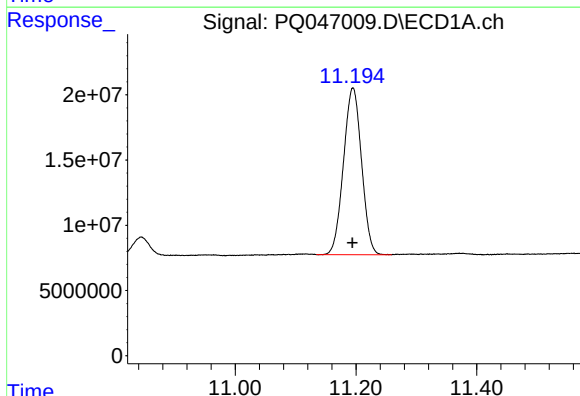
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 442510895
Conc: 19.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



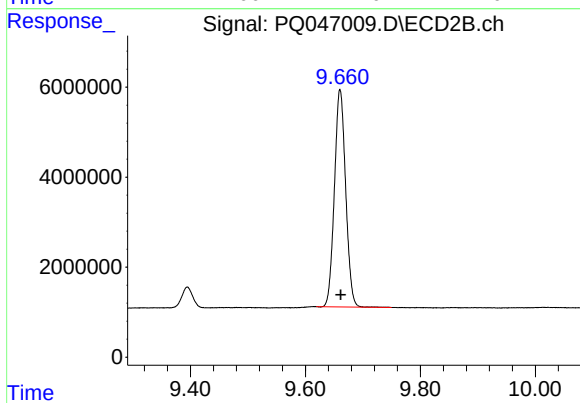
#1 Tetrachloro-m-xylene

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 57812691
Conc: 20.14 ng/ml



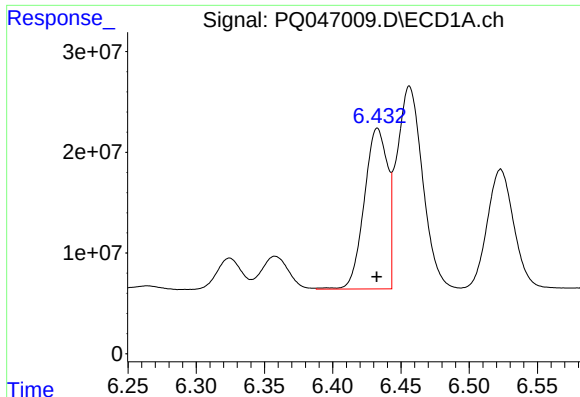
#2 Decachlorobiphenyl

R.T.: 11.195 min
Delta R.T.: 0.001 min
Response: 264961126
Conc: 20.75 ng/ml



#2 Decachlorobiphenyl

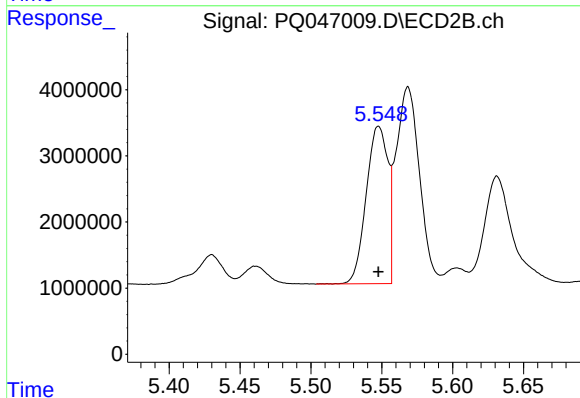
R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 65579810
Conc: 19.65 ng/ml



#3 AR-1016-1

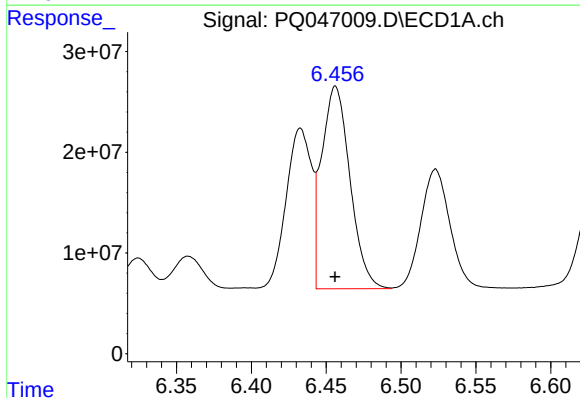
R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 189780565
Conc: 208.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



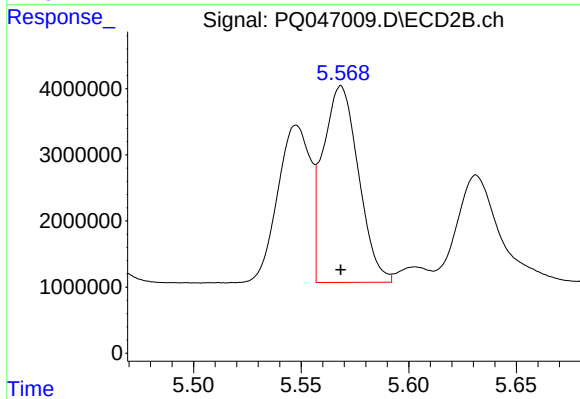
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 25330632
Conc: 215.61 ng/ml



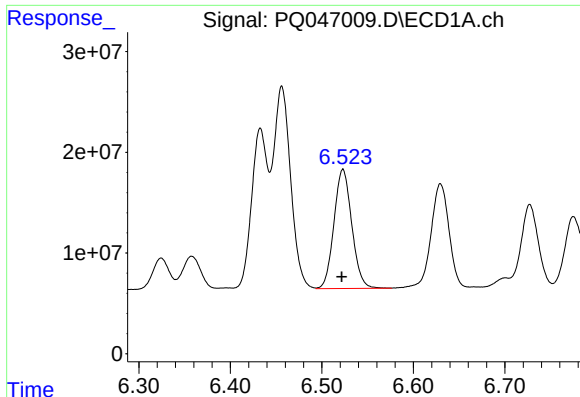
#4 AR-1016-2

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 265243104
Conc: 205.13 ng/ml



#4 AR-1016-2

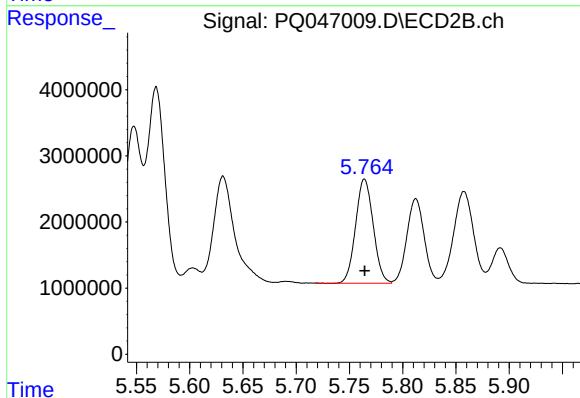
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 34150109
Conc: 213.75 ng/ml



#5 AR-1016-3

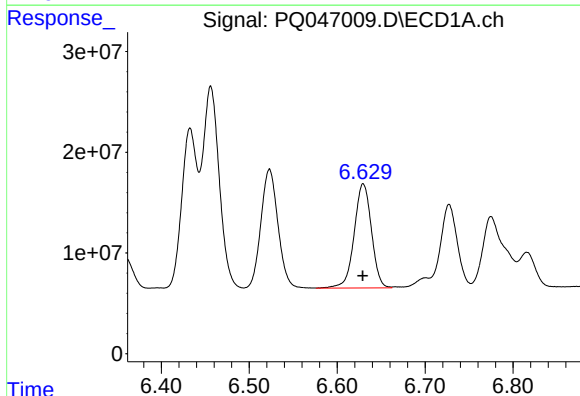
R.T.: 6.523 min
Delta R.T.: 0.001 min
Response: 160283834
Conc: 209.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



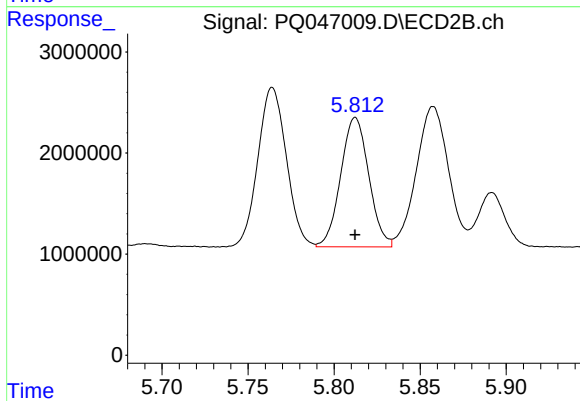
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18143957
Conc: 212.26 ng/ml



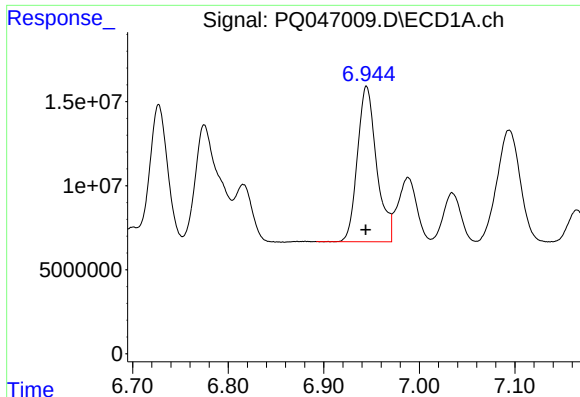
#6 AR-1016-4

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 141469891
Conc: 213.02 ng/ml



#6 AR-1016-4

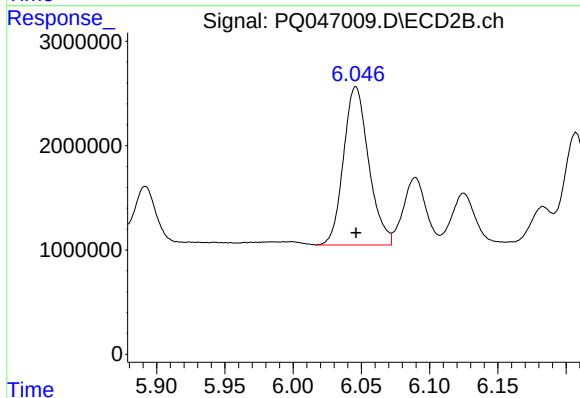
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 14541631
Conc: 209.61 ng/ml



#7 AR-1016-5

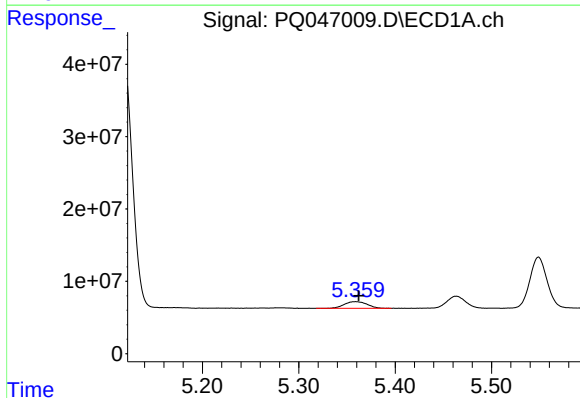
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 128911984
Conc: 201.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



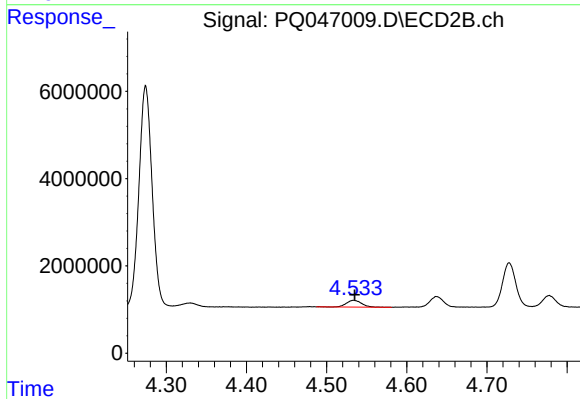
#7 AR-1016-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 19496871
Conc: 213.57 ng/ml



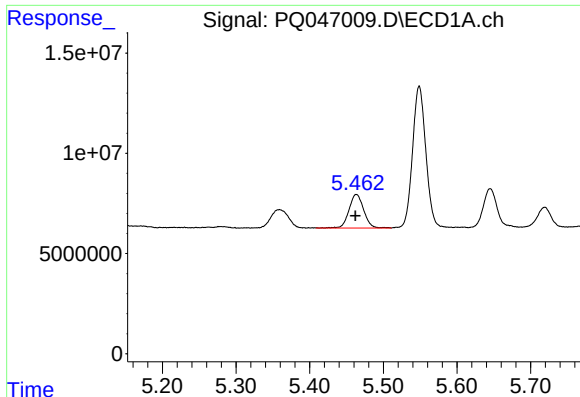
#8 AR-1221-1

R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 15071094
Conc: 62.31 ng/ml



#8 AR-1221-1

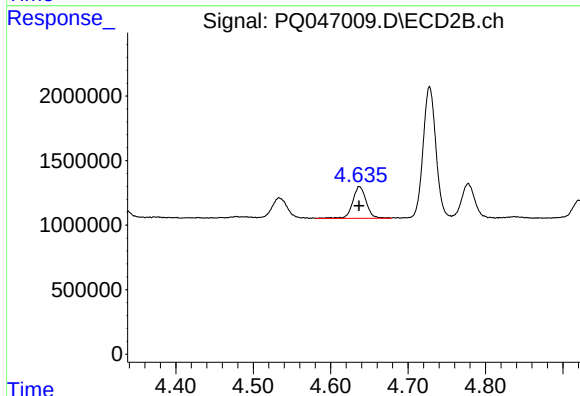
R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 2032718
Conc: 67.63 ng/ml



#9 AR-1221-2

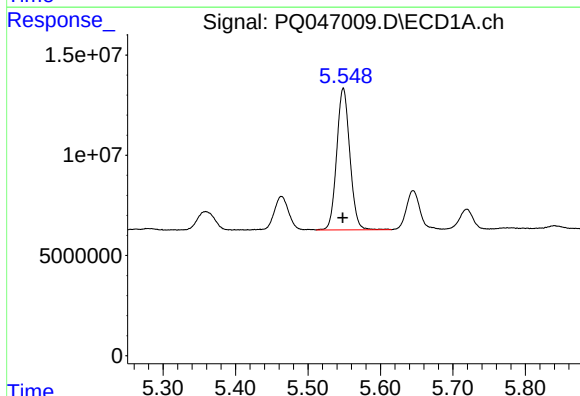
R.T.: 5.463 min
Delta R.T.: 0.001 min
Response: 23078470
Conc: 124.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



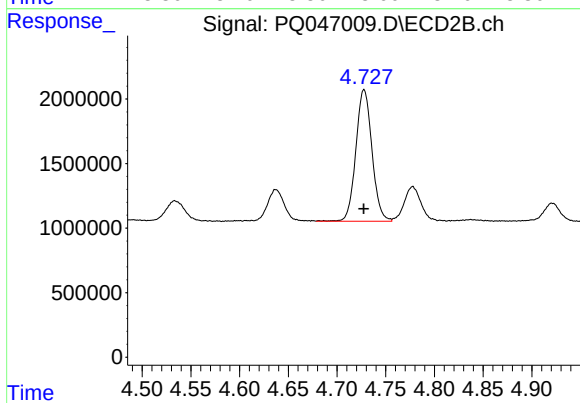
#9 AR-1221-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 3036382
Conc: 134.61 ng/ml



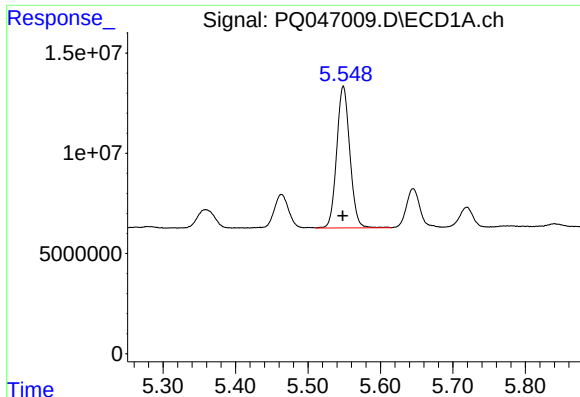
#10 AR-1221-3

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 89020521
Conc: 159.73 ng/ml



#10 AR-1221-3

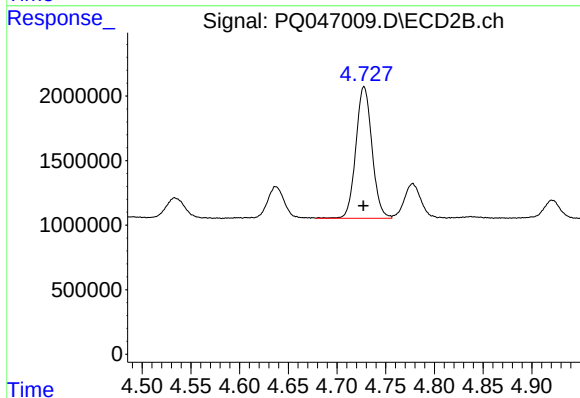
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 11763262
Conc: 170.48 ng/ml



#11 AR-1232-1

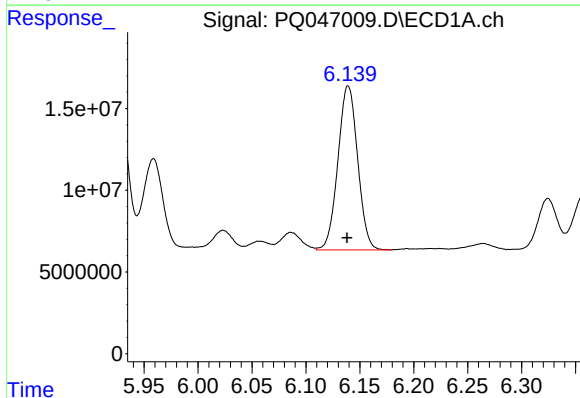
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 89020521
Conc: 227.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



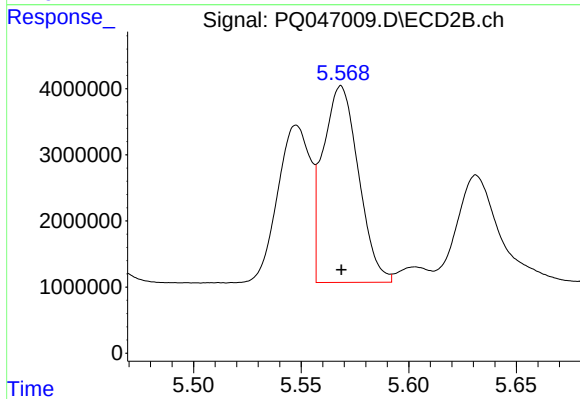
#11 AR-1232-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 11763262
Conc: 246.98 ng/ml



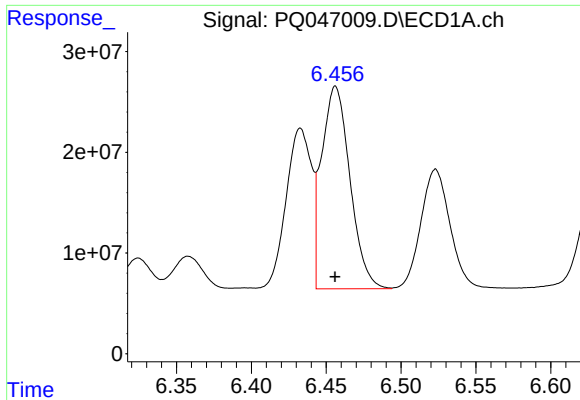
#12 AR-1232-2

R.T.: 6.139 min
Delta R.T.: 0.001 min
Response: 127808328
Conc: 591.33 ng/ml



#12 AR-1232-2

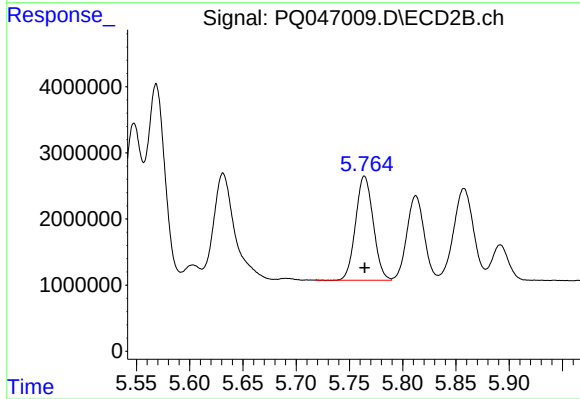
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 34150109
Conc: 674.89 ng/ml



#13 AR-1232-3

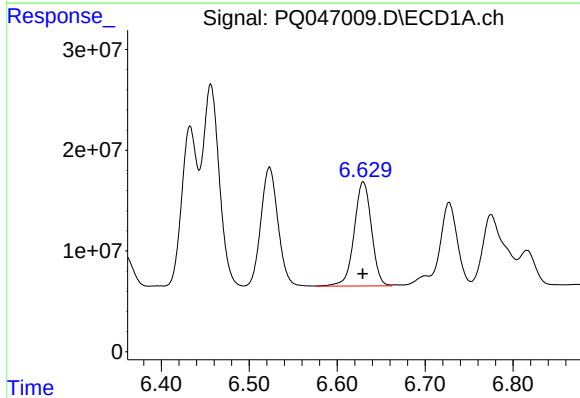
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 265243104
Conc: 631.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



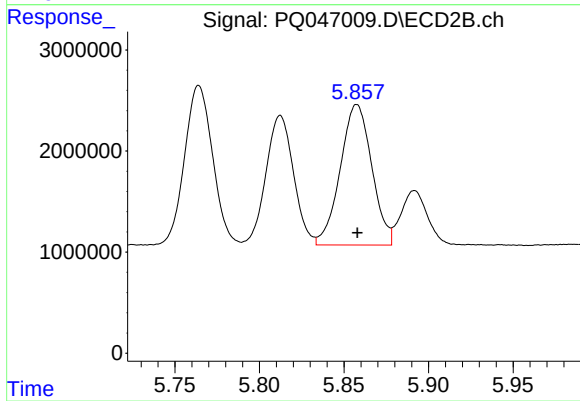
#13 AR-1232-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18143957
Conc: 687.11 ng/ml



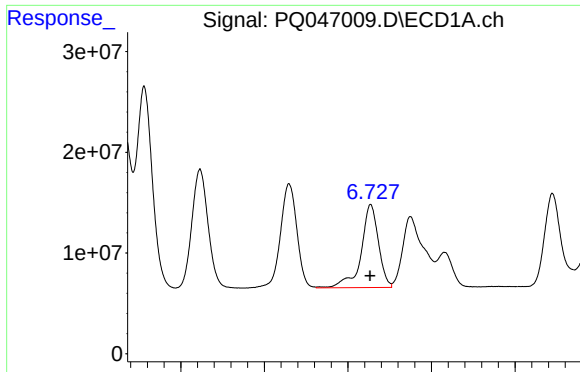
#14 AR-1232-4

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 141469891
Conc: 656.30 ng/ml



#14 AR-1232-4

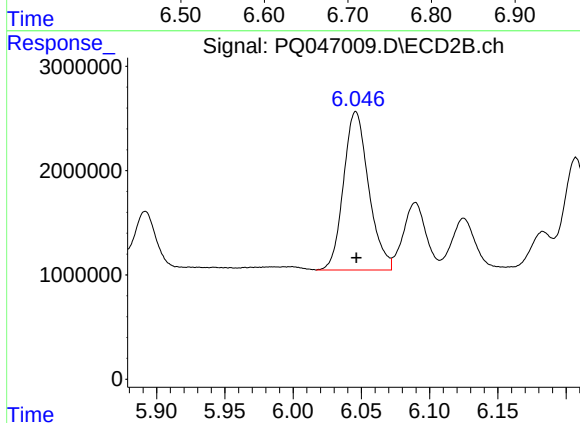
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 18043205
Conc: 761.31 ng/ml



#15 AR-1232-5

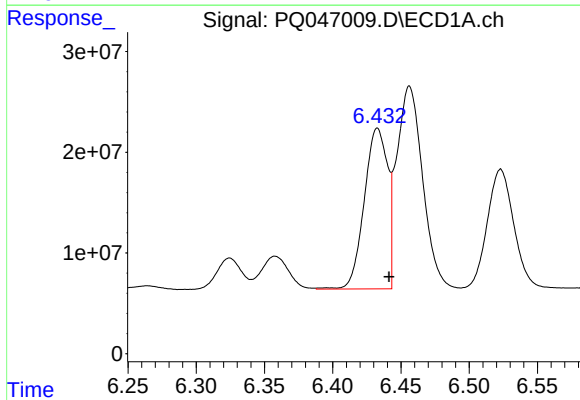
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 118866314
Conc: 813.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



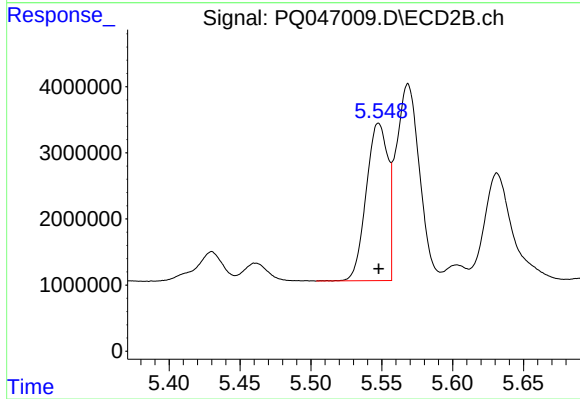
#15 AR-1232-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 19496871
Conc: 724.65 ng/ml



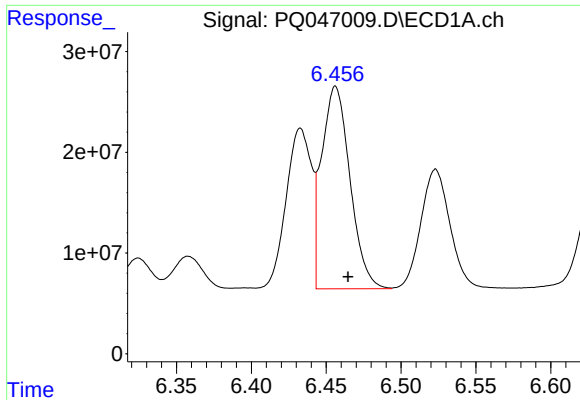
#16 AR-1242-1

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 189780565
Conc: 327.67 ng/ml



#16 AR-1242-1

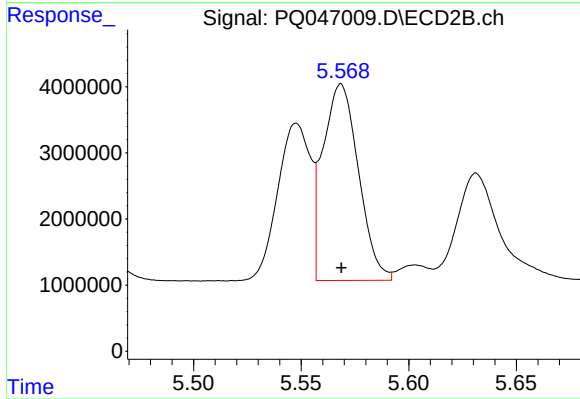
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 25330632
Conc: 337.83 ng/ml



#17 AR-1242-2

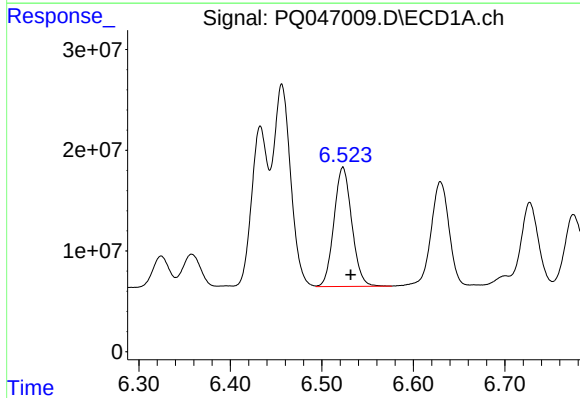
R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 265243104
Conc: 324.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



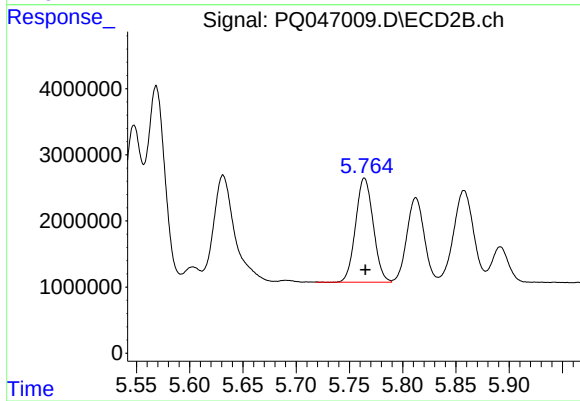
#17 AR-1242-2

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 34150109
Conc: 337.83 ng/ml



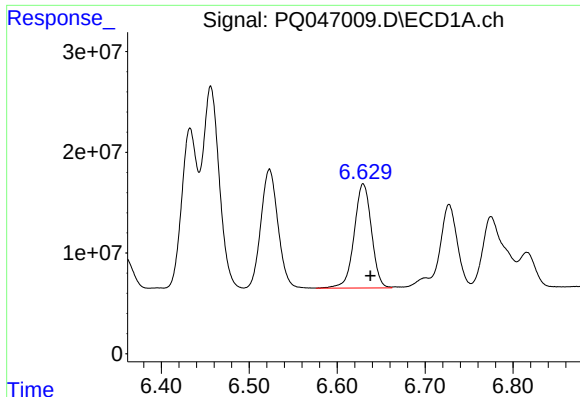
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: -0.008 min
Response: 160283834
Conc: 323.29 ng/ml



#18 AR-1242-3

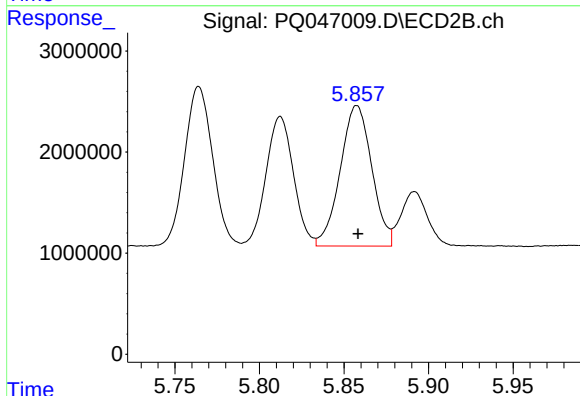
R.T.: 5.764 min
Delta R.T.: -0.001 min
Response: 18143957
Conc: 328.96 ng/ml



#19 AR-1242-4

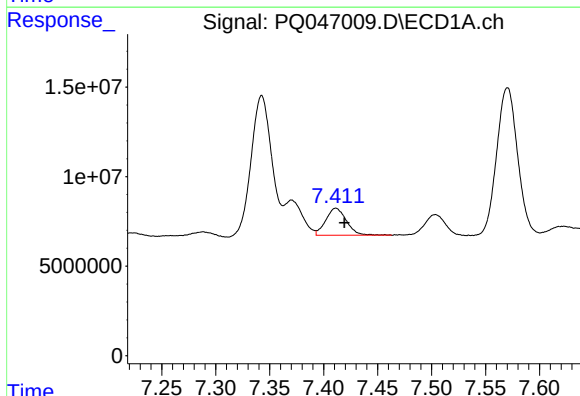
R.T.: 6.630 min
Delta R.T.: -0.008 min
Response: 141469891
Conc: 330.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



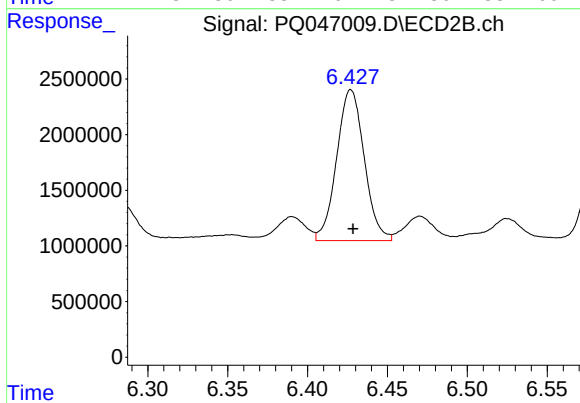
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 18043205
Conc: 339.66 ng/ml



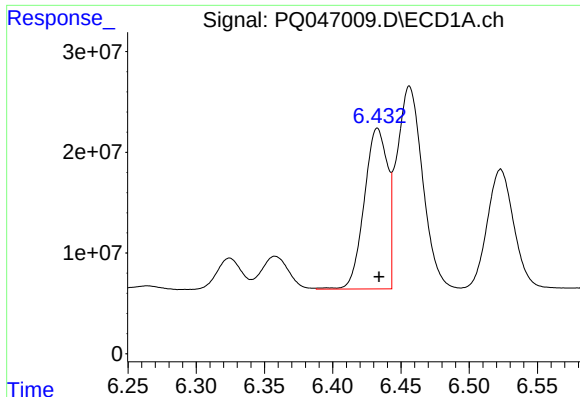
#20 AR-1242-5

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 20025771
Conc: 42.62 ng/ml



#20 AR-1242-5

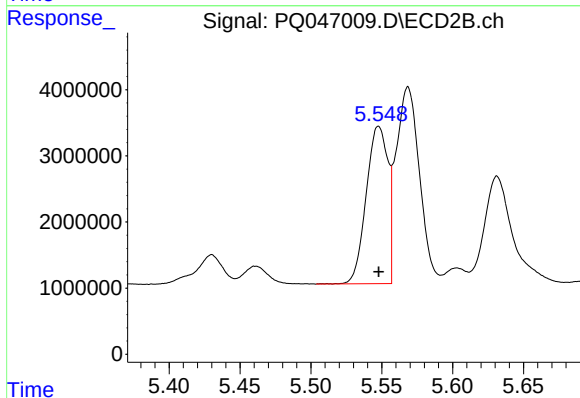
R.T.: 6.427 min
Delta R.T.: -0.001 min
Response: 16330715
Conc: 226.80 ng/ml



#21 AR-1248-1

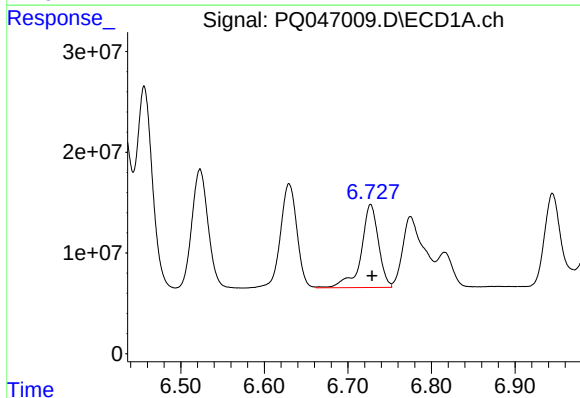
R.T.: 6.433 min
Delta R.T.: -0.001 min
Response: 189780565
Conc: 403.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



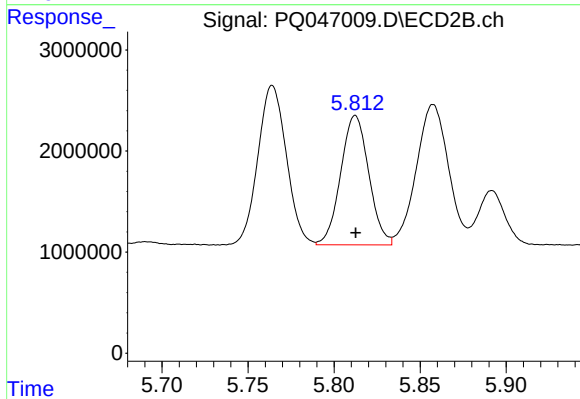
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 25330632
Conc: 421.74 ng/ml



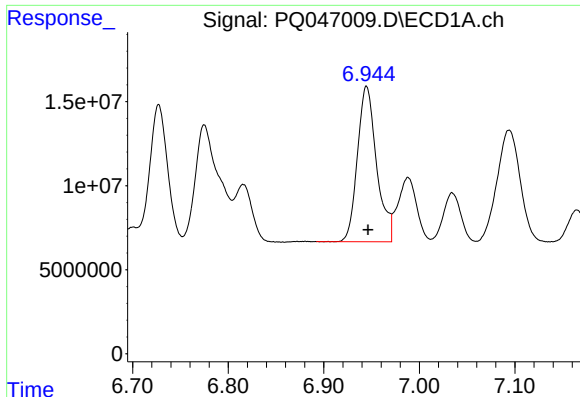
#22 AR-1248-2

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 118866314
Conc: 184.75 ng/ml



#22 AR-1248-2

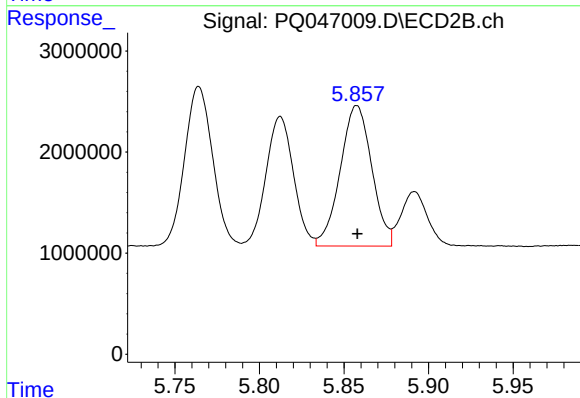
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 14541631
Conc: 187.54 ng/ml



#23 AR-1248-3

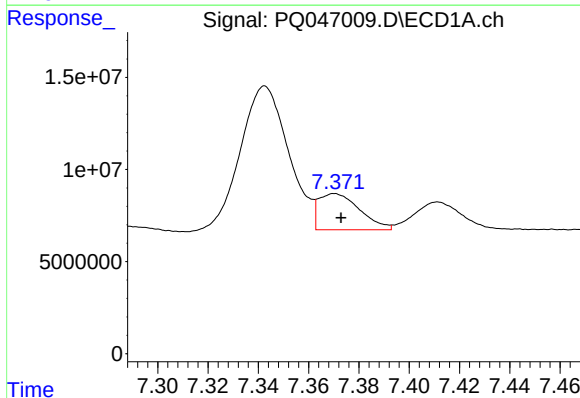
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 128911984
Conc: 178.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



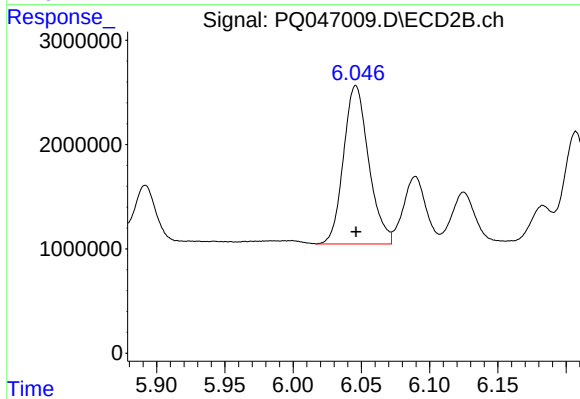
#23 AR-1248-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 18043205
Conc: 225.86 ng/ml



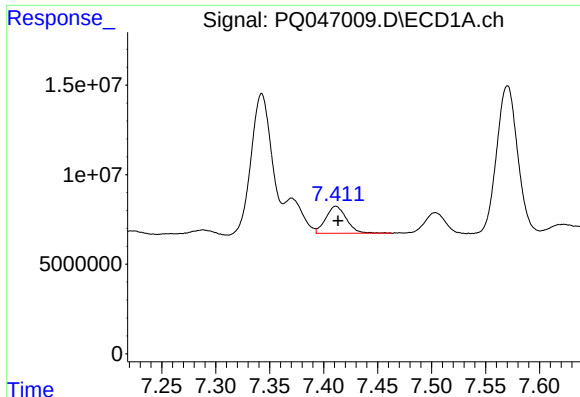
#24 AR-1248-4

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 22358271
Conc: 27.55 ng/ml



#24 AR-1248-4

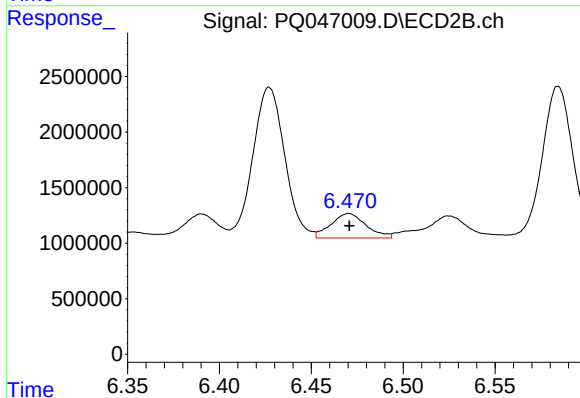
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 19496871
Conc: 206.09 ng/ml



#25 AR-1248-5

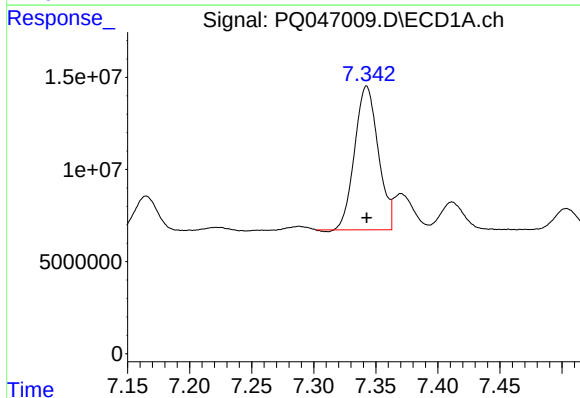
R.T.: 7.411 min
Delta R.T.: -0.002 min
Response: 20025771
Conc: 25.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



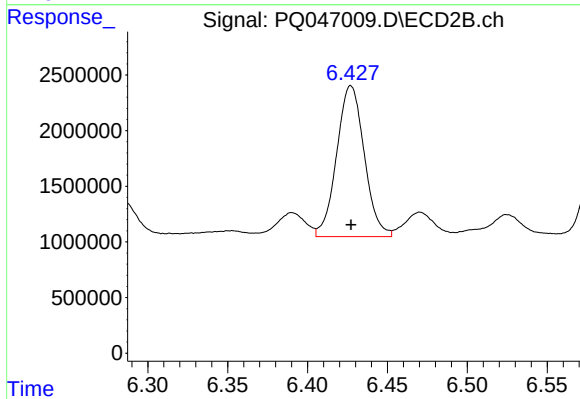
#25 AR-1248-5

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2931384
Conc: 27.83 ng/ml



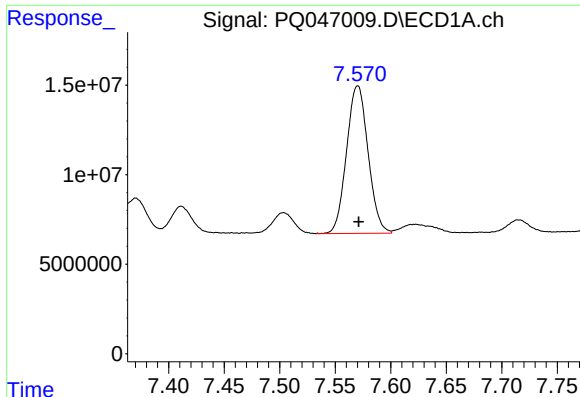
#26 AR-1254-1

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 102951691
Conc: 133.34 ng/ml



#26 AR-1254-1

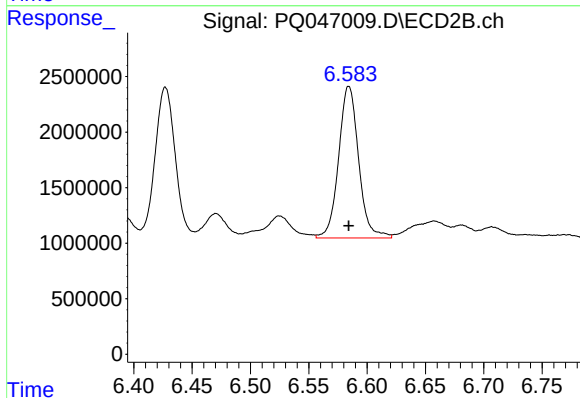
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 16330715
Conc: 109.41 ng/ml



#27 AR-1254-2

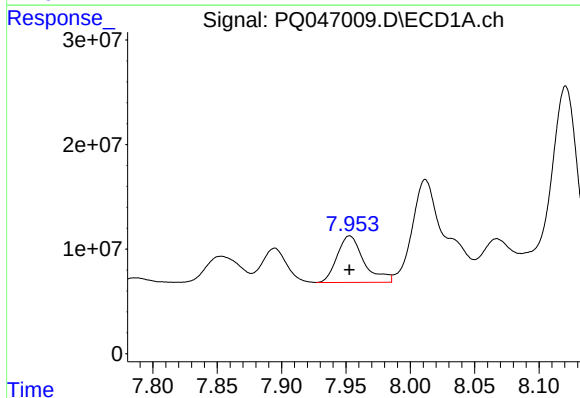
R.T.: 7.570 min
Delta R.T.: -0.001 min
Response: 111286321
Conc: 94.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



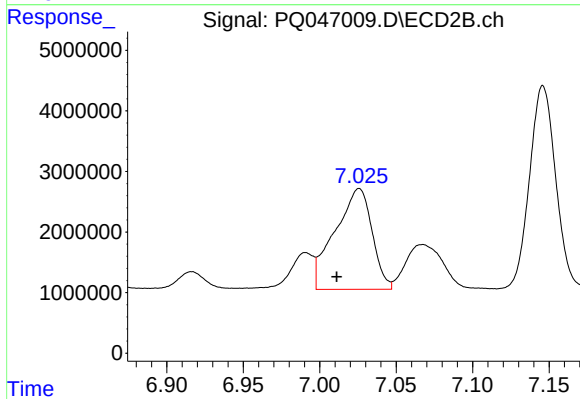
#27 AR-1254-2

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 16299059
Conc: 126.91 ng/ml



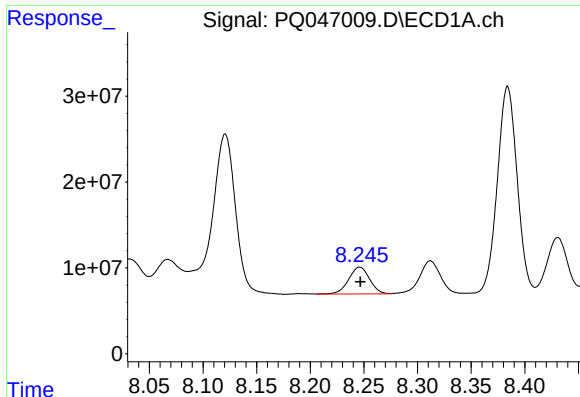
#28 AR-1254-3

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 64380939
Conc: 55.16 ng/ml



#28 AR-1254-3

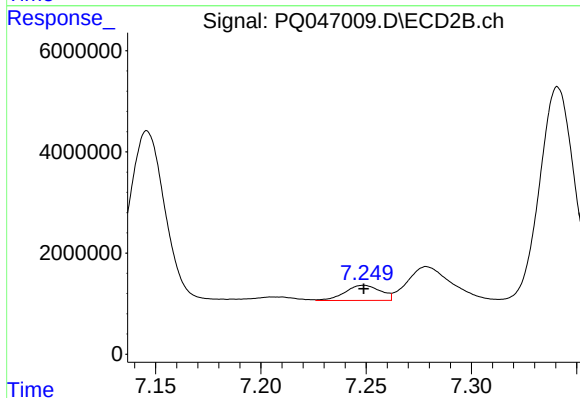
R.T.: 7.026 min
Delta R.T.: 0.015 min
Response: 28099828
Conc: 132.27 ng/ml



#29 AR-1254-4

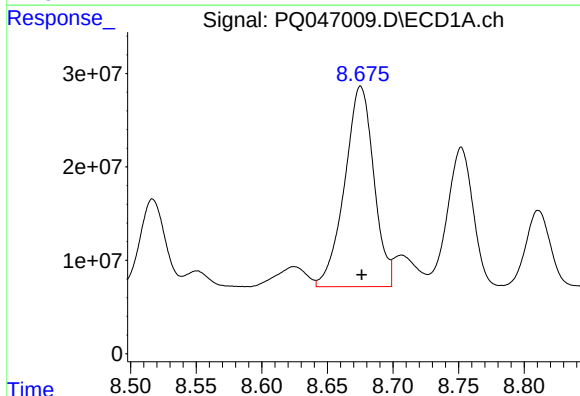
R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 42802638
Conc: 45.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



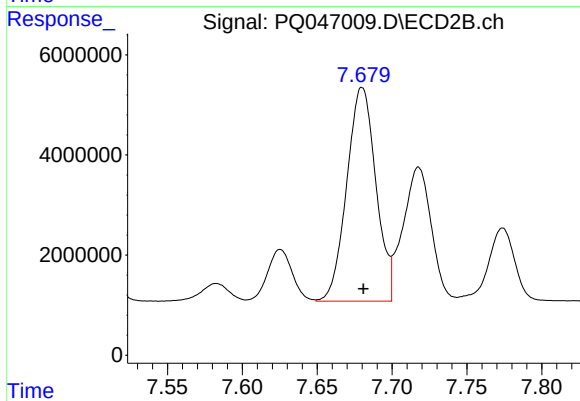
#29 AR-1254-4

R.T.: 7.249 min
Delta R.T.: 0.000 min
Response: 3512071
Conc: 25.92 ng/ml



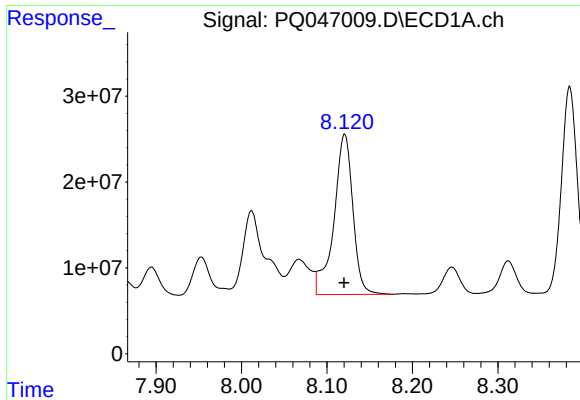
#30 AR-1254-5

R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 332145579
Conc: 395.86 ng/ml



#30 AR-1254-5

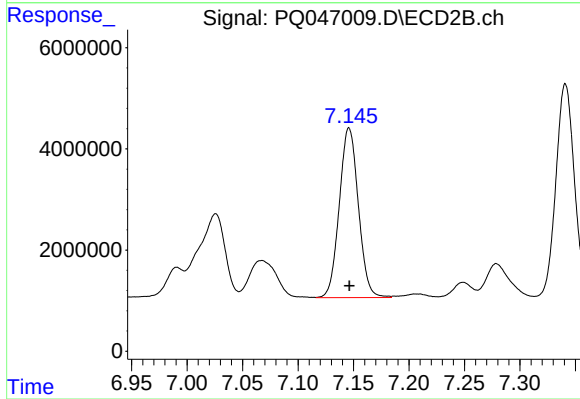
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 57882550
Conc: 315.05 ng/ml



#31 AR-1260-1

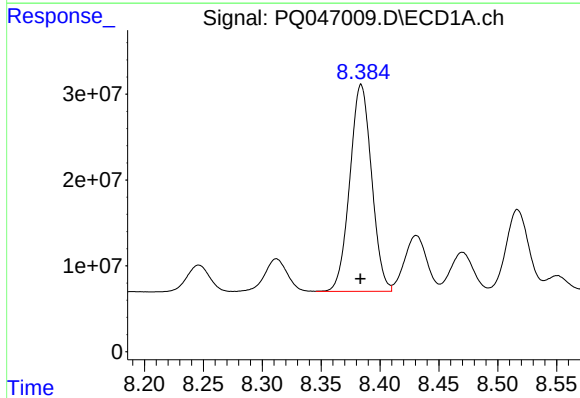
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 288421242
Conc: 275.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



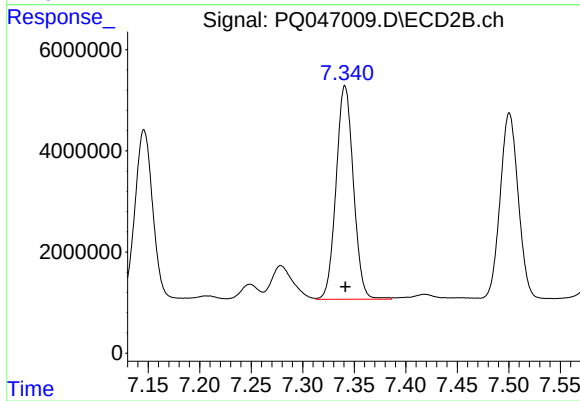
#31 AR-1260-1

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 40179194
Conc: 229.72 ng/ml



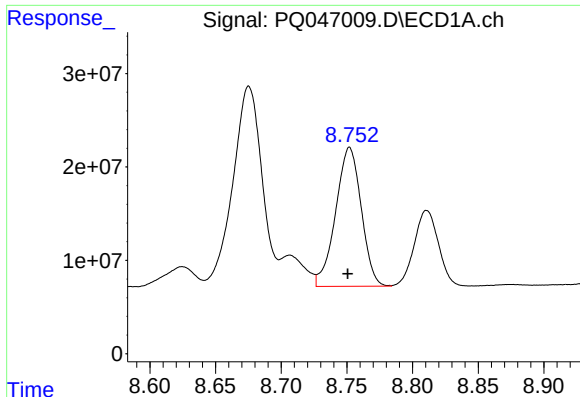
#32 AR-1260-2

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 310532365
Conc: 226.05 ng/ml



#32 AR-1260-2

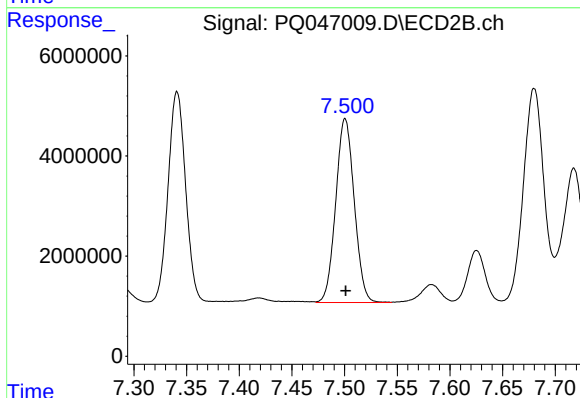
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 49374046
Conc: 229.13 ng/ml



#33 AR-1260-3

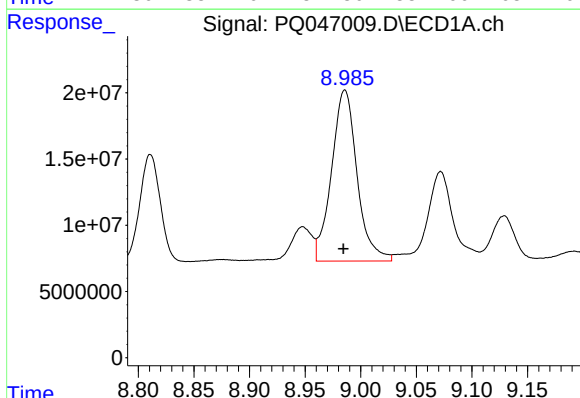
R.T.: 8.752 min
Delta R.T.: 0.001 min
Response: 202158353
Conc: 187.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



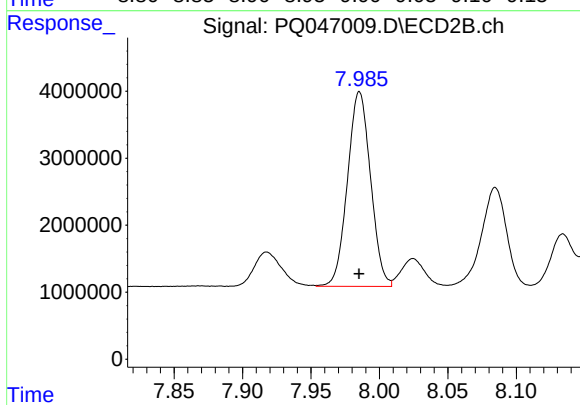
#33 AR-1260-3

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 44999205
Conc: 223.75 ng/ml



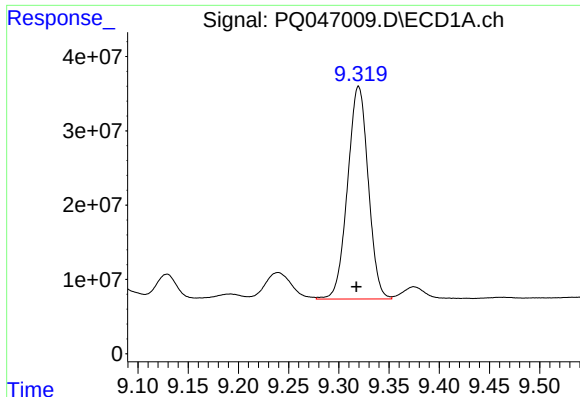
#34 AR-1260-4

R.T.: 8.986 min
Delta R.T.: 0.001 min
Response: 206170356
Conc: 206.67 ng/ml



#34 AR-1260-4

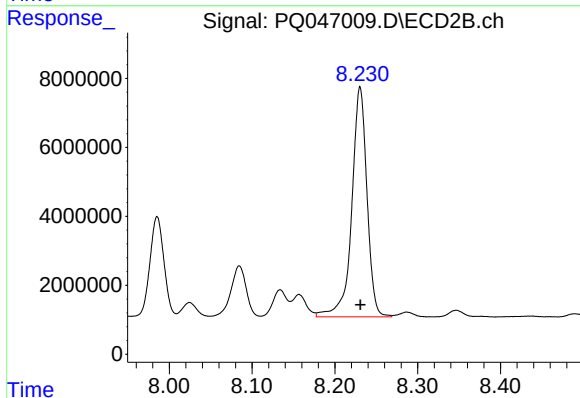
R.T.: 7.985 min
Delta R.T.: 0.000 min
Response: 34108309
Conc: 194.55 ng/ml



#35 AR-1260-5

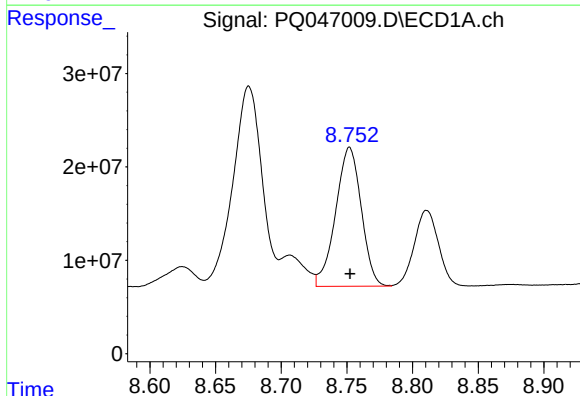
R.T.: 9.320 min
Delta R.T.: 0.002 min
Response: 409849094
Conc: 197.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



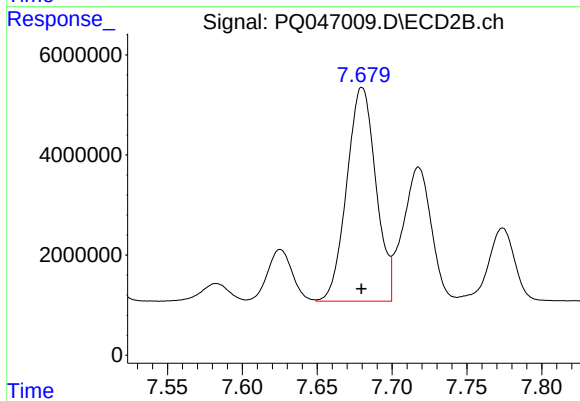
#35 AR-1260-5

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 85294309
Conc: 195.77 ng/ml



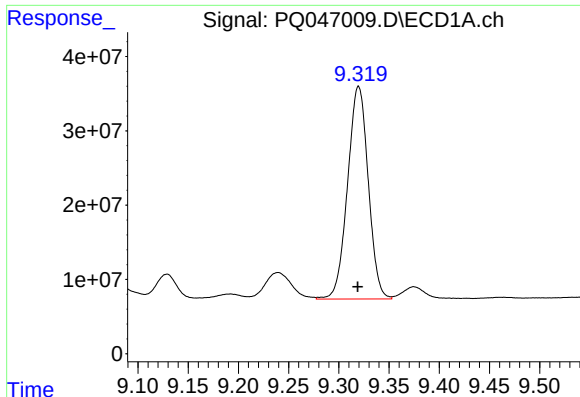
#36 AR-1262-1

R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 202158353
Conc: 155.46 ng/ml



#36 AR-1262-1

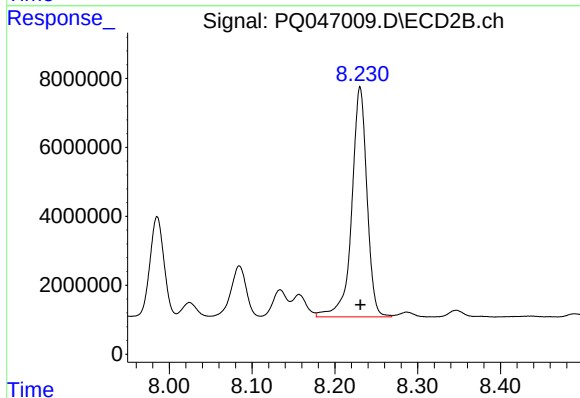
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 57882550
Conc: 535.66 ng/ml



#37 AR-1262-2

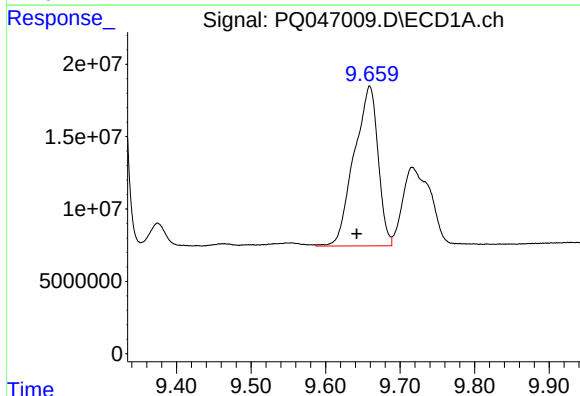
R.T.: 9.320 min
Delta R.T.: 0.000 min
Response: 409849094
Conc: 210.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



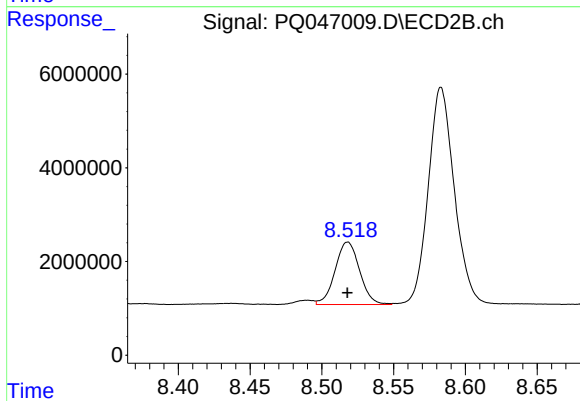
#37 AR-1262-2

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 85294309
Conc: 215.44 ng/ml



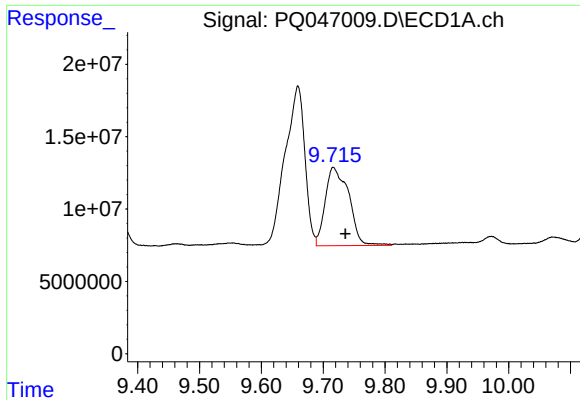
#38 AR-1262-3

R.T.: 9.659 min
Delta R.T.: 0.017 min
Response: 246416790
Conc: 201.62 ng/ml



#38 AR-1262-3

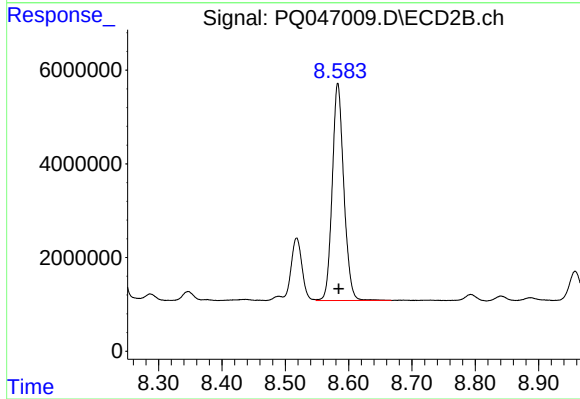
R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 15829037
Conc: 105.78 ng/ml



#39 AR-1262-4

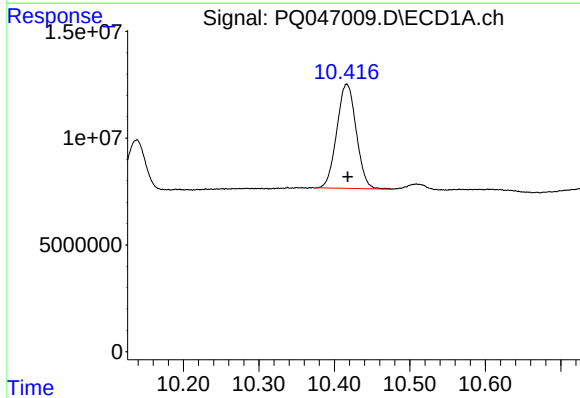
R.T.: 9.716 min
Delta R.T.: -0.020 min
Response: 143369798
Conc: 157.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



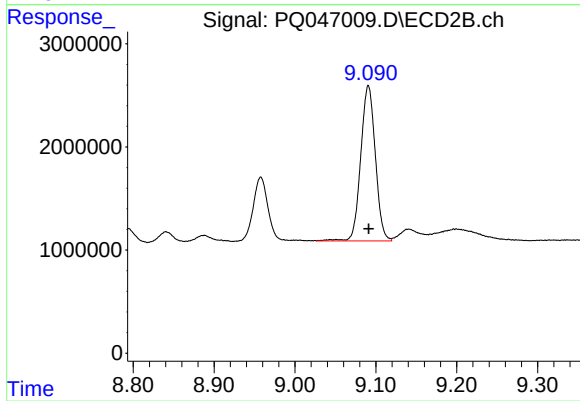
#39 AR-1262-4

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 58894384
Conc: 207.32 ng/ml



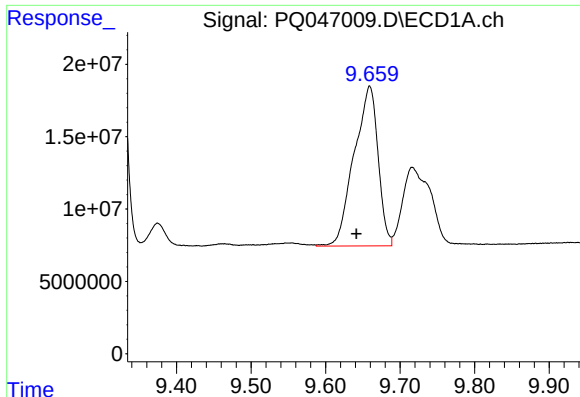
#40 AR-1262-5

R.T.: 10.416 min
Delta R.T.: -0.001 min
Response: 87354635
Conc: 154.57 ng/ml



#40 AR-1262-5

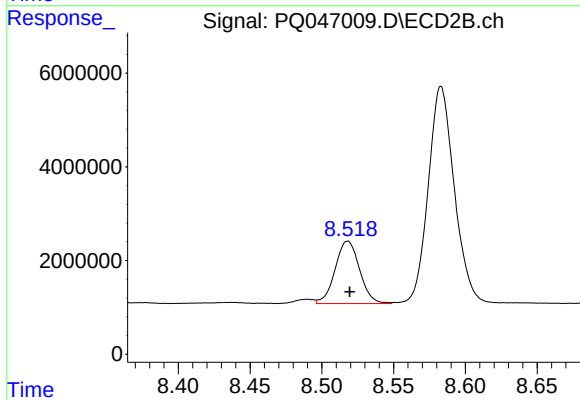
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 18876562
Conc: 145.62 ng/ml



#41 AR-1268-1

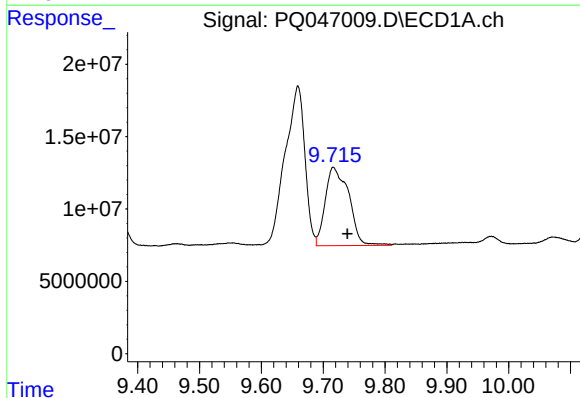
R.T.: 9.659 min
Delta R.T.: 0.018 min
Response: 246416790
Conc: 115.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



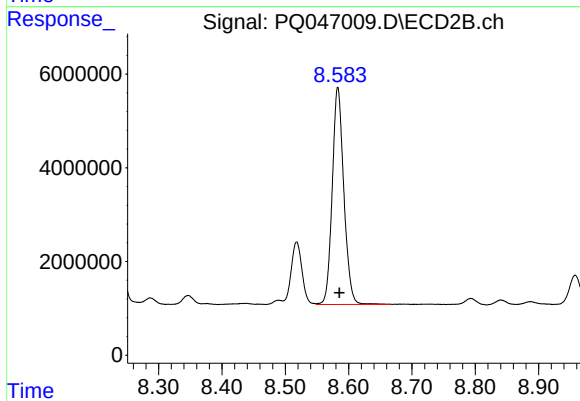
#41 AR-1268-1

R.T.: 8.518 min
Delta R.T.: -0.002 min
Response: 15829037
Conc: 36.76 ng/ml



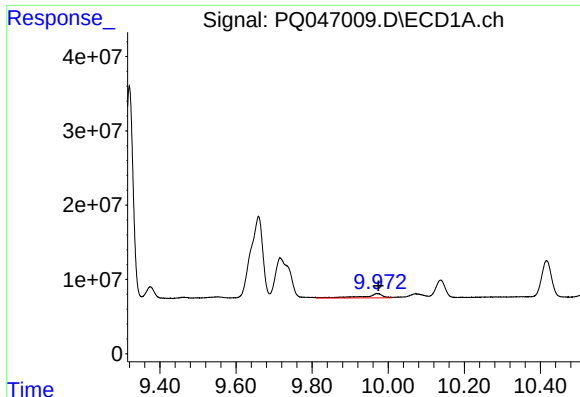
#42 AR-1268-2

R.T.: 9.716 min
Delta R.T.: -0.023 min
Response: 143369798
Conc: 79.27 ng/ml



#42 AR-1268-2

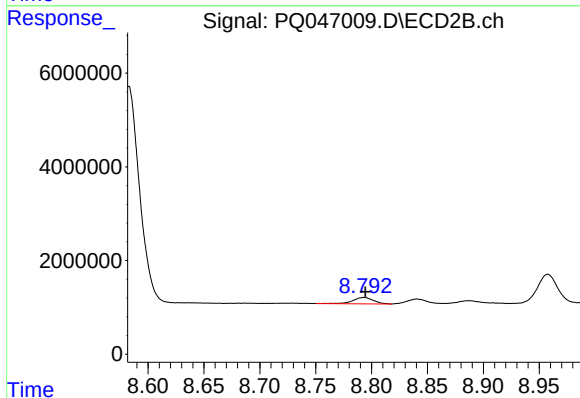
R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 58894384
Conc: 150.14 ng/ml



#43 AR-1268-3

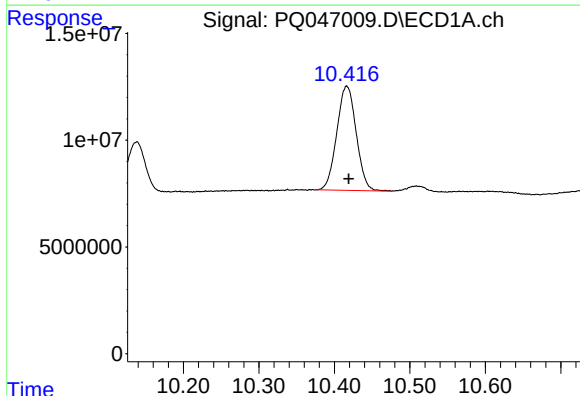
R.T.: 9.972 min
Delta R.T.: -0.002 min
Response: 20282326
Conc: 13.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



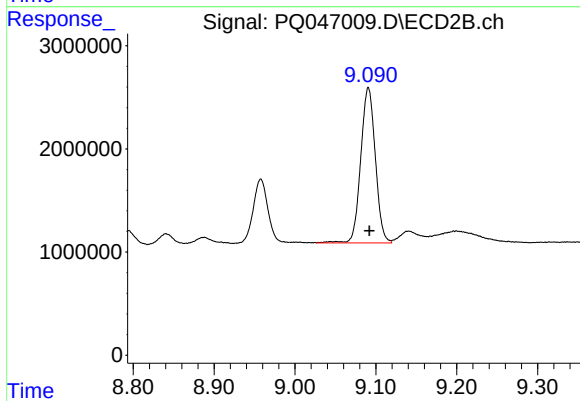
#43 AR-1268-3

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 1742076
Conc: 5.47 ng/ml



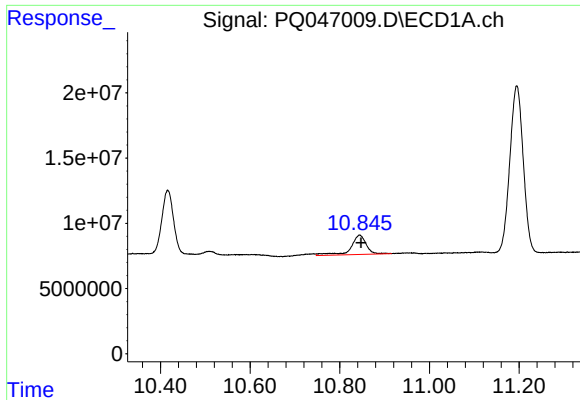
#44 AR-1268-4

R.T.: 10.416 min
Delta R.T.: -0.003 min
Response: 87354635
Conc: 143.54 ng/ml



#44 AR-1268-4

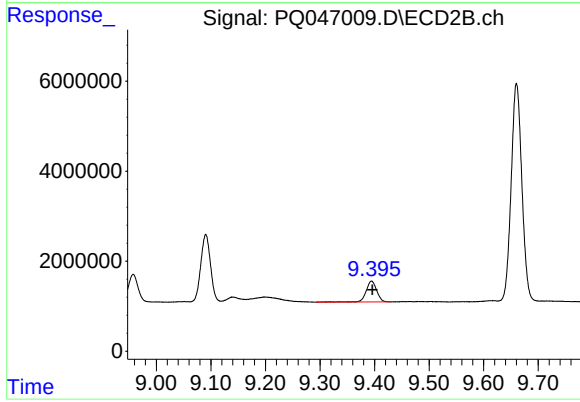
R.T.: 9.091 min
Delta R.T.: -0.001 min
Response: 18876562
Conc: 135.81 ng/ml



#45 AR-1268-5

R.T.: 10.844 min
Delta R.T.: -0.003 min
Response: 35511346
Conc: 9.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.395 min
Delta R.T.: -0.002 min
Response: 6293278
Conc: 6.25 ng/ml