

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032620\
 Data File : PQ047075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2020 13:16
 Operator : AJ\MA
 Sample : L2017-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 15:02:51 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	499.2E6	64124772	22.328	22.342
2)	SA Decachlor...	11.197	9.661	261.4E6	62510847	20.464	18.733
Target Compounds							
3)	L1 AR-1016-1	6.432	5.548	197.3E6	25125790	216.264	213.866
4)	L1 AR-1016-2	6.456	5.568	279.4E6	34517275	216.099	216.047
5)	L1 AR-1016-3	6.523	5.764	171.7E6	18553427	224.967	217.049
6)	L1 AR-1016-4	6.629	5.812	147.9E6	14871113	222.662	214.359
7)	L1 AR-1016-5	6.944	6.046	134.1E6	18345803	209.986	200.958
8)	L2 AR-1221-1	5.358	4.534	17984704	2151397	74.359	71.582
9)	L2 AR-1221-2	5.463	4.637	25246663	3245061	136.167	143.859
10)	L2 AR-1221-3	5.549	4.727	94085605	11637180	168.816	168.650
11)	L3 AR-1232-1	5.549	4.727	94085605	11637180	240.449	244.337
12)	L3 AR-1232-2	6.139	5.568	138.6E6	34517275	641.447	682.141
13)	L3 AR-1232-3	6.456	5.764	279.4E6	18553427	665.687	702.612
14)	L3 AR-1232-4	6.629	5.858	147.9E6	18144983	686.003	765.602
15)	L3 AR-1232-5	6.728	6.046	125.8E6	18345803	860.433	681.863
16)	L4 AR-1242-1	6.432	5.548	197.3E6	25125790	340.639	335.095
17)	L4 AR-1242-2	6.456	5.568	279.4E6	34517275	341.875	341.463
18)	L4 AR-1242-3	6.523	5.764	171.7E6	18553427	346.359	336.385
19)	L4 AR-1242-4	6.629	5.858	147.9E6	18144983	345.321	341.578
20)	L4 AR-1242-5	7.411	6.427	21154428	16513594	45.027	229.336 #
21)	L5 AR-1248-1	6.432	5.548	197.3E6	25125790	418.979	418.329
22)	L5 AR-1248-2	6.728	5.812	125.8E6	14871113	195.462	191.794
23)	L5 AR-1248-3	6.944	5.858	134.1E6	18144983	185.936	227.133
24)	L5 AR-1248-4	7.343	6.046	124.5E6	18345803	153.431	193.921 #
25)	L5 AR-1248-5	7.411	6.472	21154428	4280331	27.414	40.632 #
26)	L6 AR-1254-1	7.343	6.427	124.5E6	16513594	161.285	110.639 #
27)	L6 AR-1254-2	7.572	6.584	178.0E6	16803325	150.930	130.836
28)	L6 AR-1254-3	7.954	7.025	64763318	36057557	55.489	169.725 #
29)	L6 AR-1254-4	8.247	7.248	68883430	4767265	73.617	35.187 #
30)	L6 AR-1254-5	8.675	7.680	357.5E6	58673731	426.094	319.356 #
31)	L7 AR-1260-1	8.121	7.146	254.1E6	41632449	242.879	238.029
32)	L7 AR-1260-2	8.385	7.341	303.0E6	51699897	220.577	239.923
33)	L7 AR-1260-3	8.752	7.500	192.3E6	47155726	178.510	234.468 #
34)	L7 AR-1260-4	8.986	7.984	246.0E6	34780170	246.548	198.380
35)	L7 AR-1260-5	9.319	8.230	377.4E6	94637787	181.572	217.216
36)	L8 AR-1262-1	8.752	7.680	192.3E6	58673731	147.883	542.983 #
37)	L8 AR-1262-2	9.319	8.230	377.4E6	94637787	194.220	239.039
38)	L8 AR-1262-3	9.659	8.518	218.7E6	20091486	178.942	134.270
39)	L8 AR-1262-4	9.717	8.583	129.5E6	55940393	142.546	196.924 #
40)	L8 AR-1262-5	10.419	9.091	78597079	18136131	139.077	139.910
41)	L9 AR-1268-1	9.659	8.518	218.7E6	20091486	102.797	46.657 #

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 Acq On : 26 Mar 2020 13:16
 Operator : AJ\MA
 Sample : L2017-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

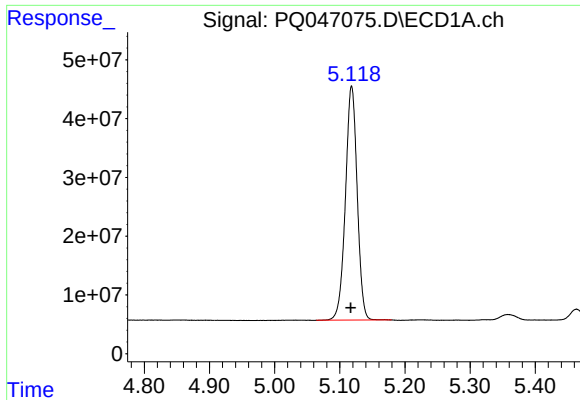
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 15:02:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031720.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	9.717	8.583	129.5E6	55940393	71.594	142.612 #
43) L9	AR-1268-3	9.973	8.793	7072534	2876840	4.751	9.036 #
44) L9	AR-1268-4	10.419	9.091	78597079	18136131	129.146	130.482
45) L9	AR-1268-5	10.845	9.396	25350007	5774830	6.760	5.733

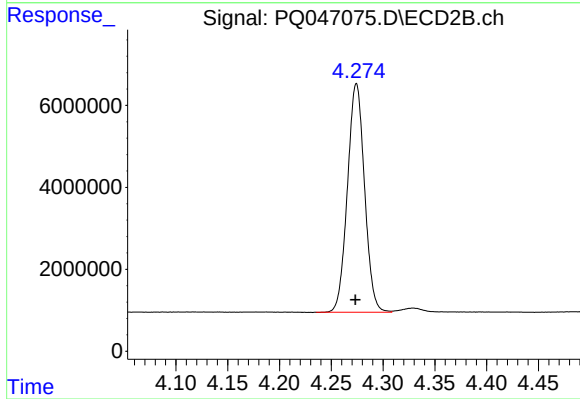
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

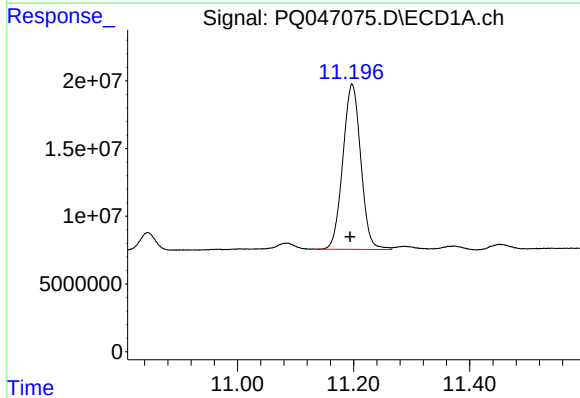
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 499238939
Conc: 22.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



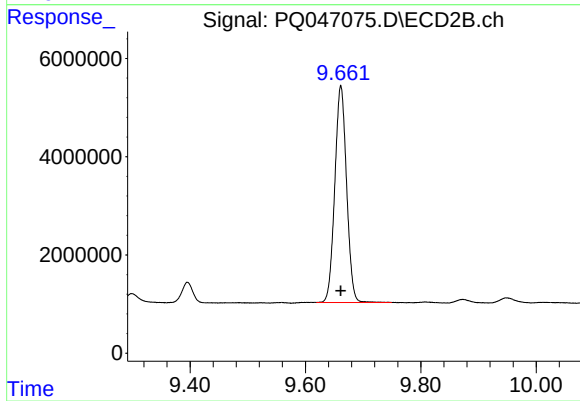
#1 Tetrachloro-m-xylene

R.T.: 4.274 min
Delta R.T.: 0.001 min
Response: 64124772
Conc: 22.34 ng/ml



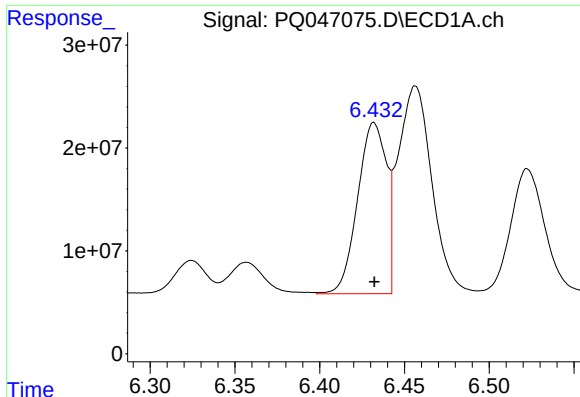
#2 Decachlorobiphenyl

R.T.: 11.197 min
Delta R.T.: 0.004 min
Response: 261371008
Conc: 20.46 ng/ml



#2 Decachlorobiphenyl

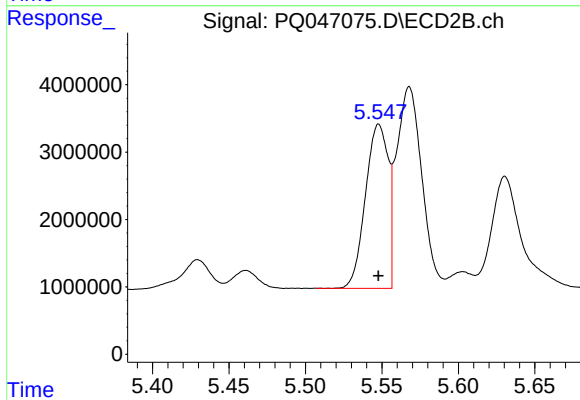
R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 62510847
Conc: 18.73 ng/ml



#3 AR-1016-1

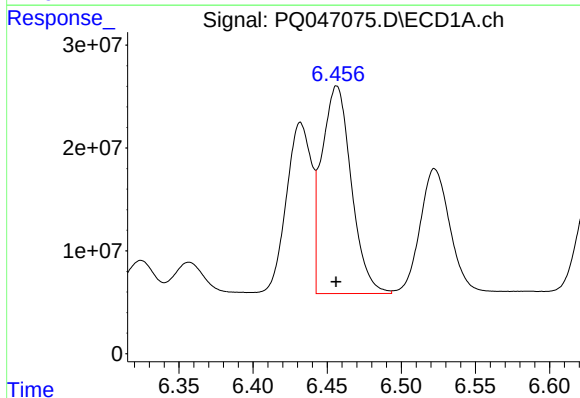
R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 197290223
Conc: 216.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



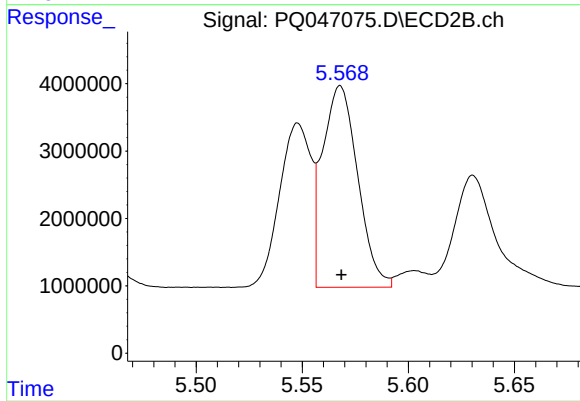
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 25125790
Conc: 213.87 ng/ml



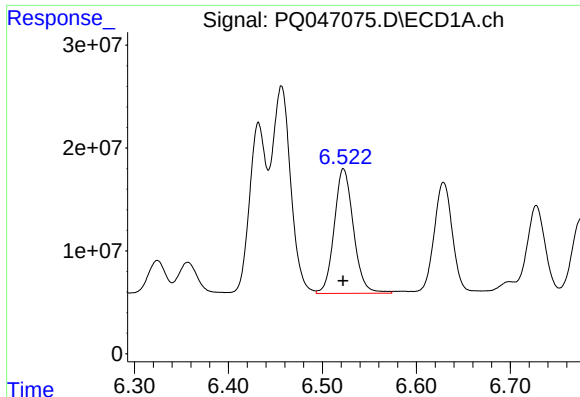
#4 AR-1016-2

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 279430827
Conc: 216.10 ng/ml



#4 AR-1016-2

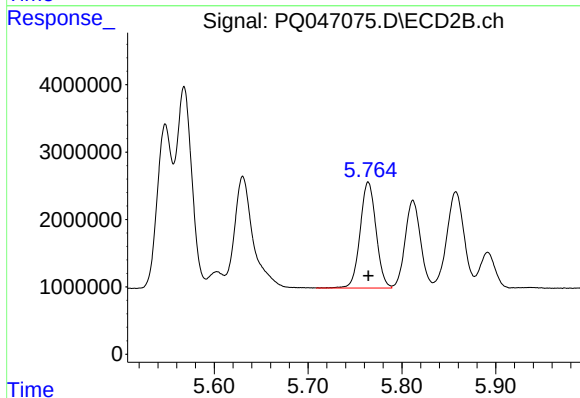
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 34517275
Conc: 216.05 ng/ml



#5 AR-1016-3

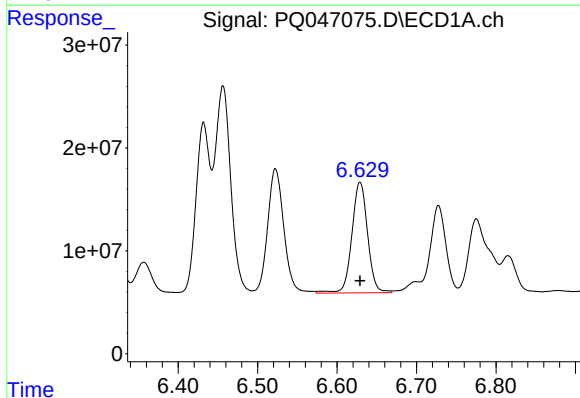
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 171722065
Conc: 224.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



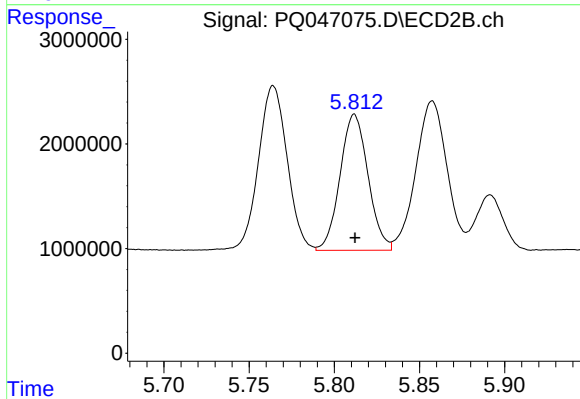
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18553427
Conc: 217.05 ng/ml



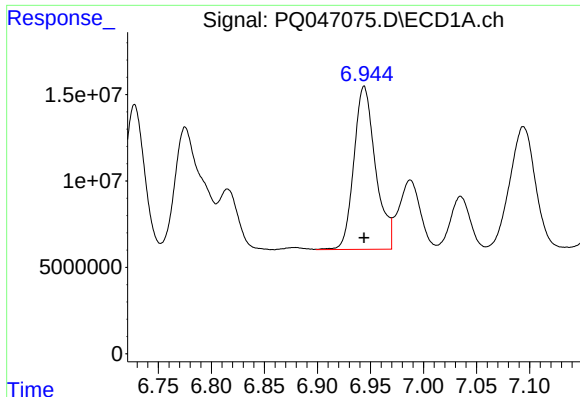
#6 AR-1016-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 147871829
Conc: 222.66 ng/ml



#6 AR-1016-4

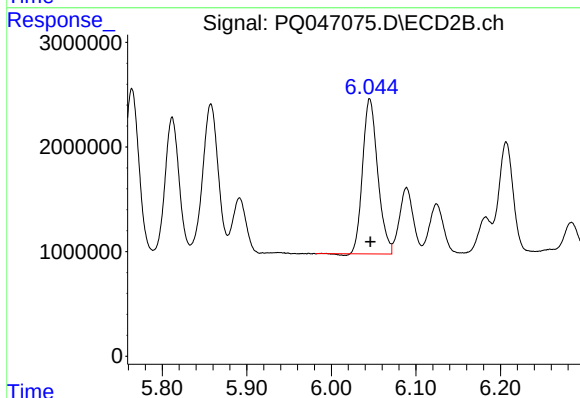
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 14871113
Conc: 214.36 ng/ml



#7 AR-1016-5

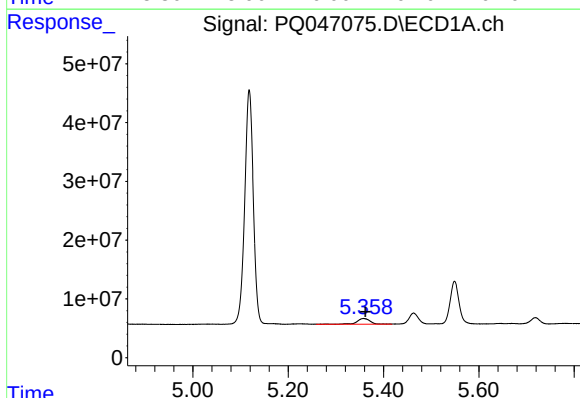
R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 134138546
Conc: 209.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



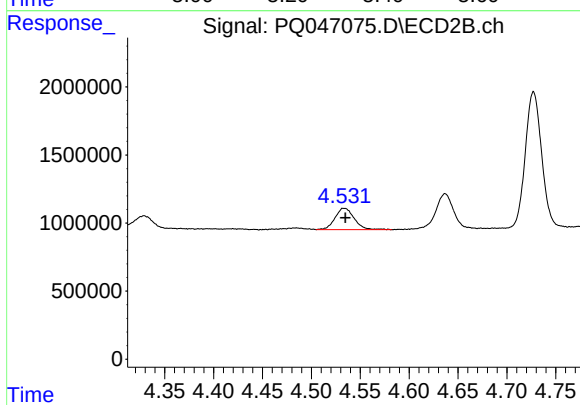
#7 AR-1016-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 18345803
Conc: 200.96 ng/ml



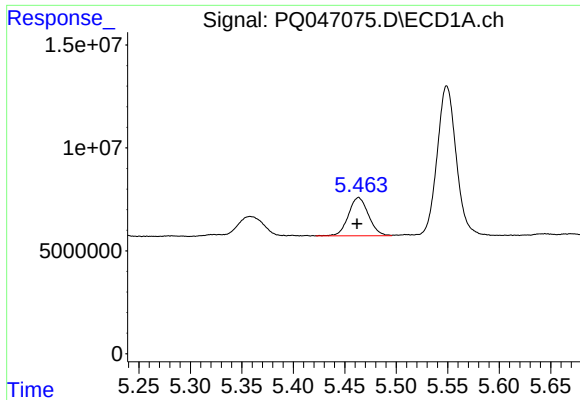
#8 AR-1221-1

R.T.: 5.358 min
Delta R.T.: -0.004 min
Response: 17984704
Conc: 74.36 ng/ml



#8 AR-1221-1

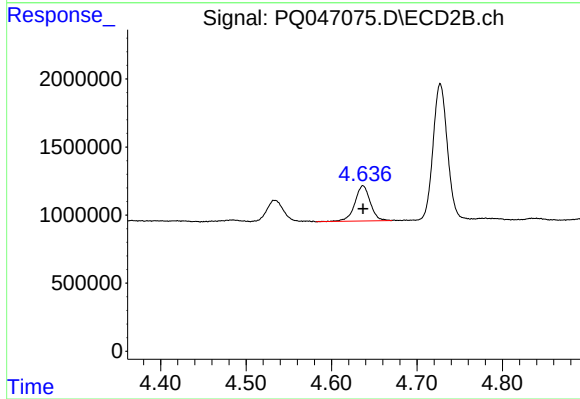
R.T.: 4.534 min
Delta R.T.: -0.001 min
Response: 2151397
Conc: 71.58 ng/ml



#9 AR-1221-2

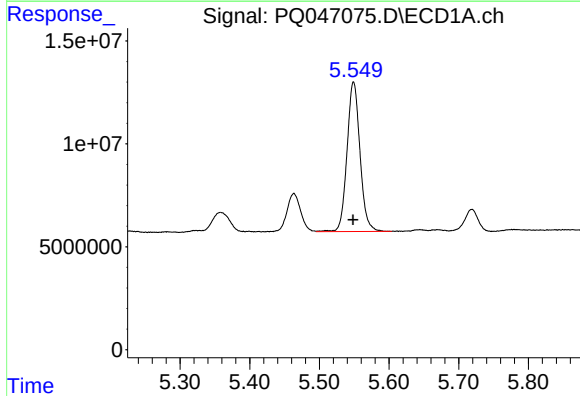
R.T.: 5.463 min
Delta R.T.: 0.001 min
Response: 25246663
Conc: 136.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



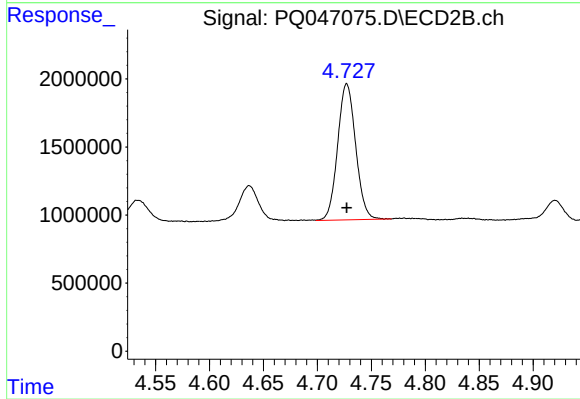
#9 AR-1221-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 3245061
Conc: 143.86 ng/ml



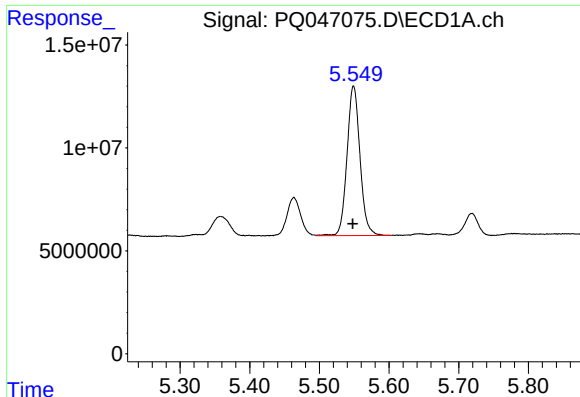
#10 AR-1221-3

R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 94085605
Conc: 168.82 ng/ml



#10 AR-1221-3

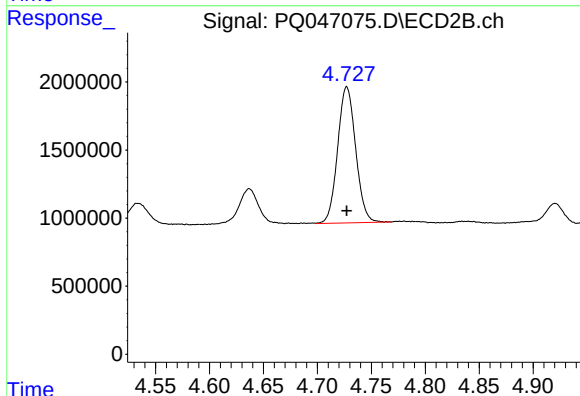
R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 11637180
Conc: 168.65 ng/ml



#11 AR-1232-1

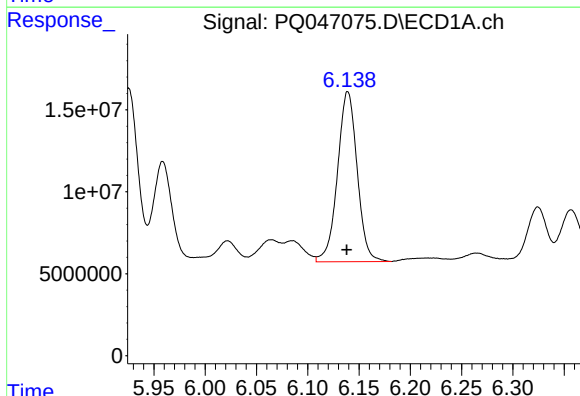
R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 94085605
Conc: 240.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



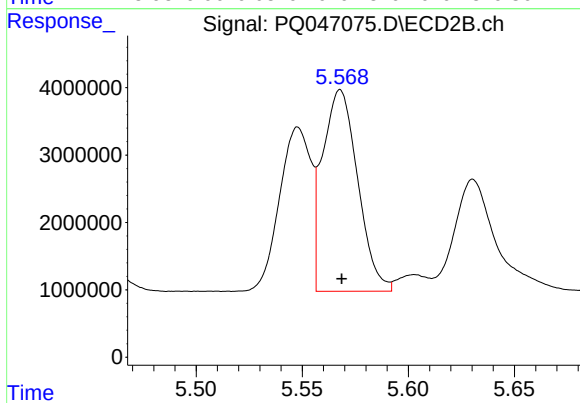
#11 AR-1232-1

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 11637180
Conc: 244.34 ng/ml



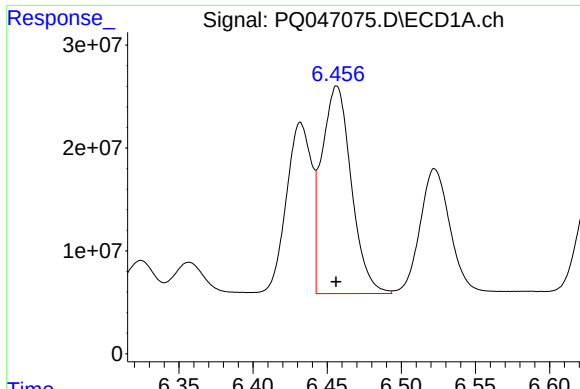
#12 AR-1232-2

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 138641158
Conc: 641.45 ng/ml



#12 AR-1232-2

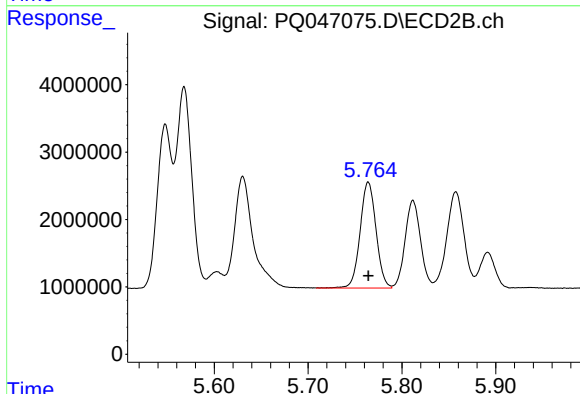
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 34517275
Conc: 682.14 ng/ml



#13 AR-1232-3

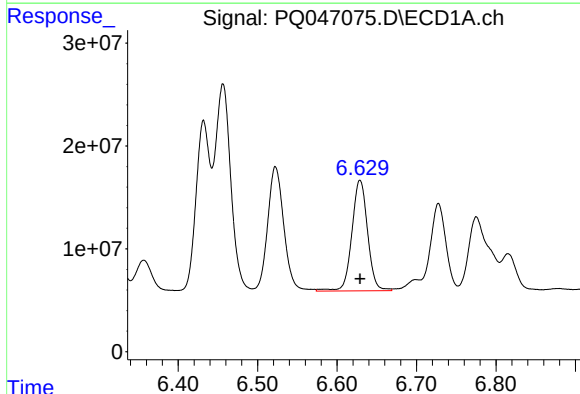
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 279430827
Conc: 665.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



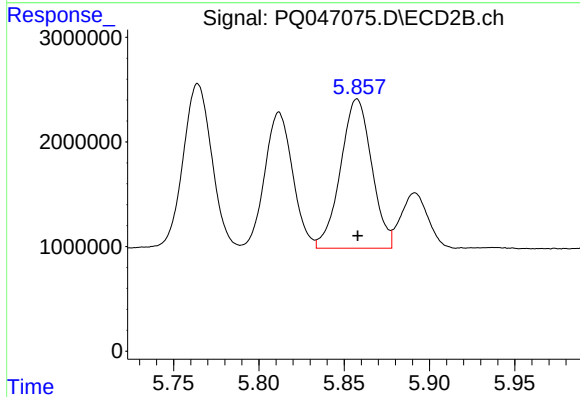
#13 AR-1232-3

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18553427
Conc: 702.61 ng/ml



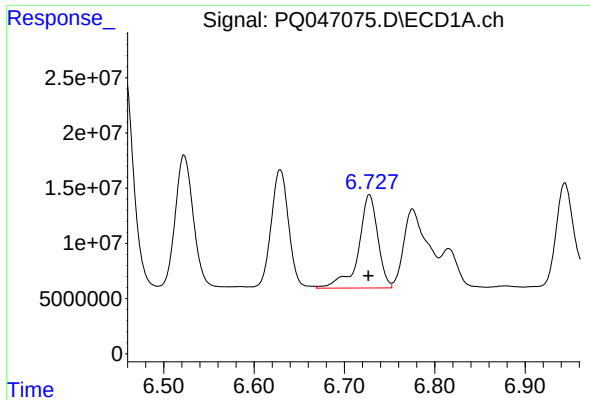
#14 AR-1232-4

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 147871829
Conc: 686.00 ng/ml



#14 AR-1232-4

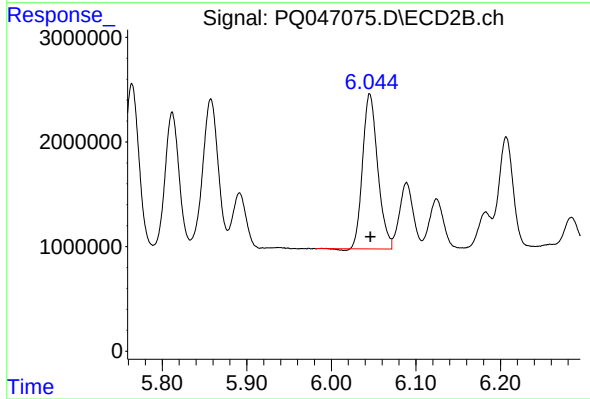
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 18144983
Conc: 765.60 ng/ml



#15 AR-1232-5

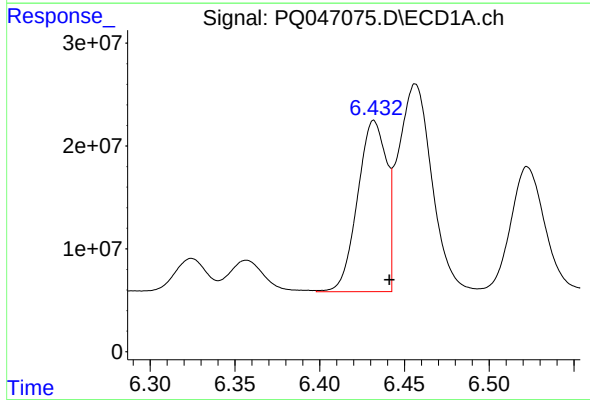
R.T.: 6.728 min
Delta R.T.: 0.001 min
Response: 125759195
Conc: 860.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



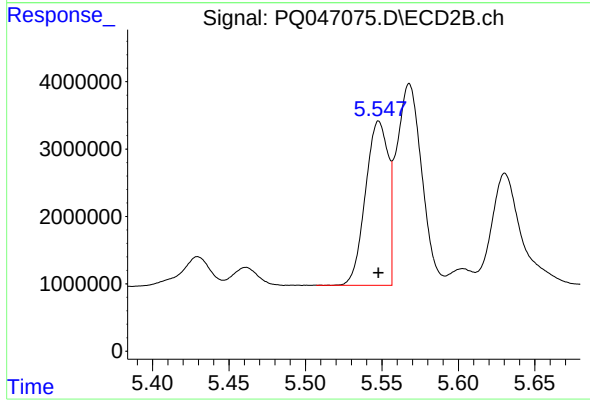
#15 AR-1232-5

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 18345803
Conc: 681.86 ng/ml



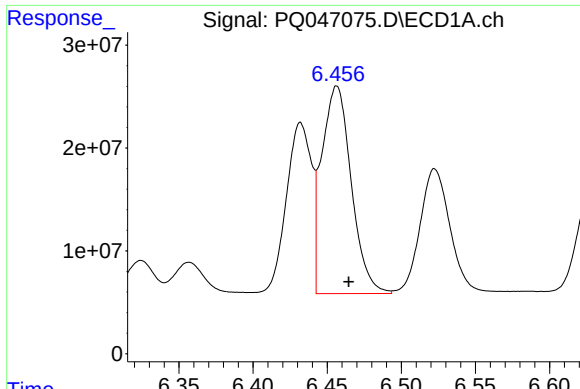
#16 AR-1242-1

R.T.: 6.432 min
Delta R.T.: -0.009 min
Response: 197290223
Conc: 340.64 ng/ml



#16 AR-1242-1

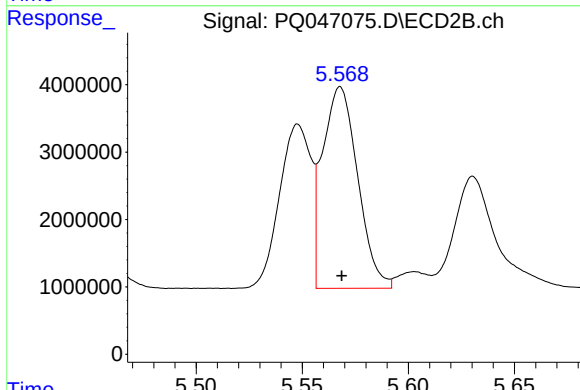
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 25125790
Conc: 335.10 ng/ml



#17 AR-1242-2

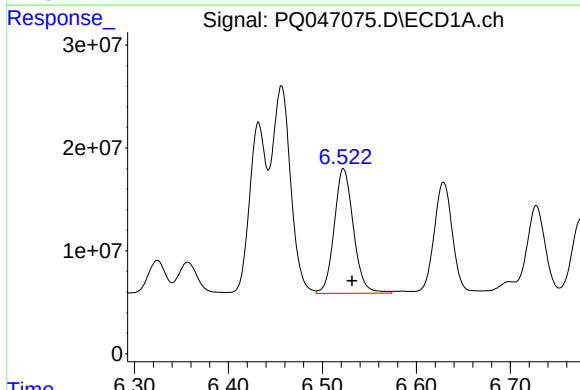
R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 279430827
Conc: 341.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



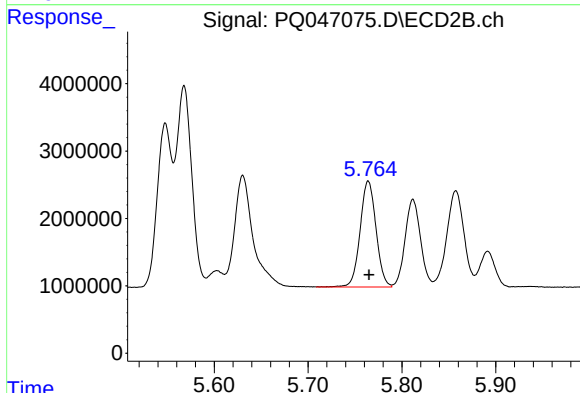
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 34517275
Conc: 341.46 ng/ml



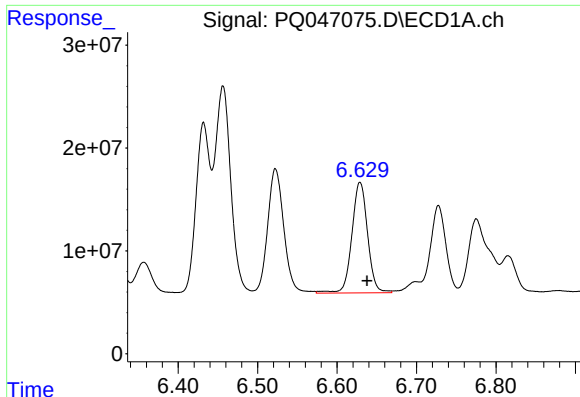
#18 AR-1242-3

R.T.: 6.523 min
Delta R.T.: -0.009 min
Response: 171722065
Conc: 346.36 ng/ml



#18 AR-1242-3

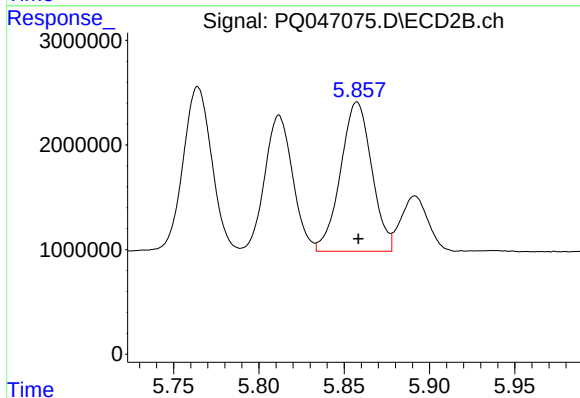
R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 18553427
Conc: 336.39 ng/ml



#19 AR-1242-4

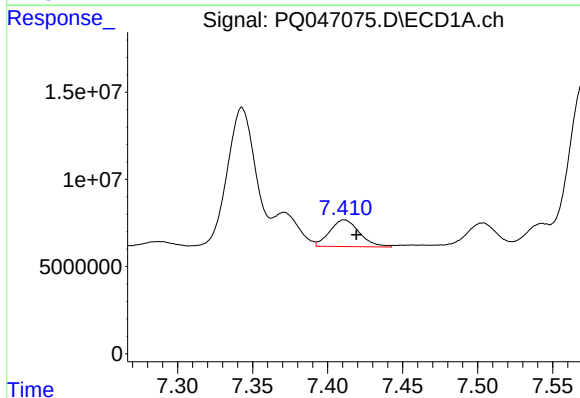
R.T.: 6.629 min
Delta R.T.: -0.009 min
Response: 147871829
Conc: 345.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



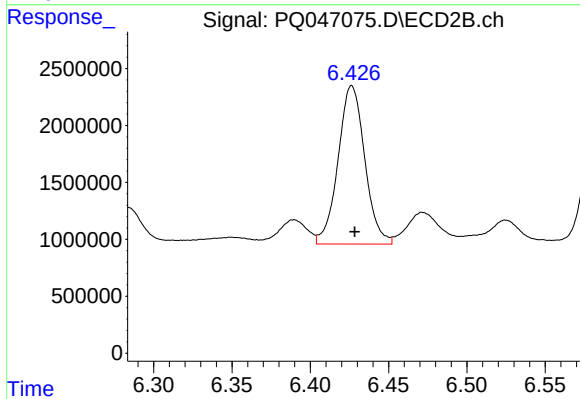
#19 AR-1242-4

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 18144983
Conc: 341.58 ng/ml



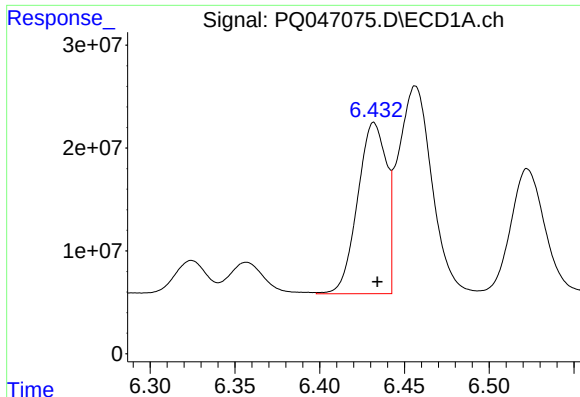
#20 AR-1242-5

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 21154428
Conc: 45.03 ng/ml



#20 AR-1242-5

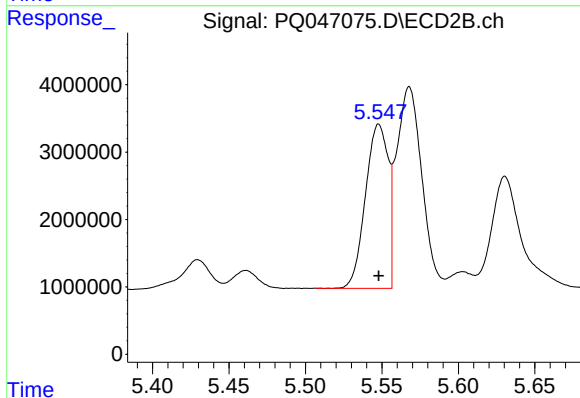
R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 16513594
Conc: 229.34 ng/ml



#21 AR-1248-1

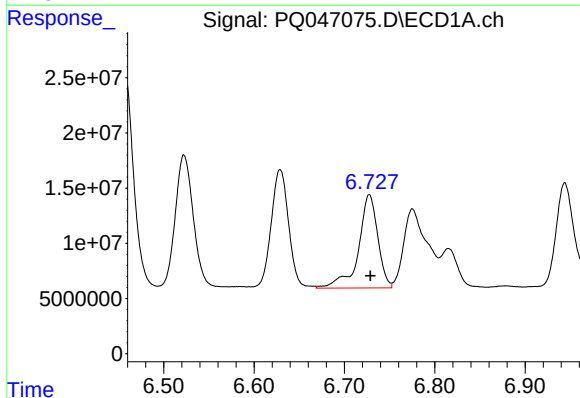
R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 197290223
Conc: 418.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



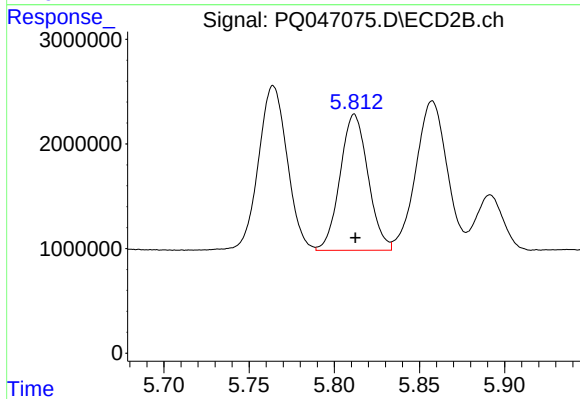
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 25125790
Conc: 418.33 ng/ml



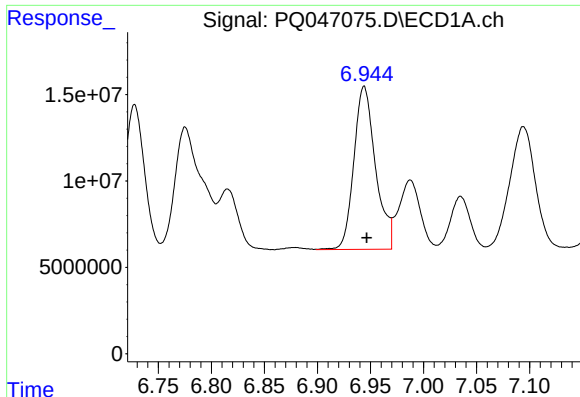
#22 AR-1248-2

R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 125759195
Conc: 195.46 ng/ml



#22 AR-1248-2

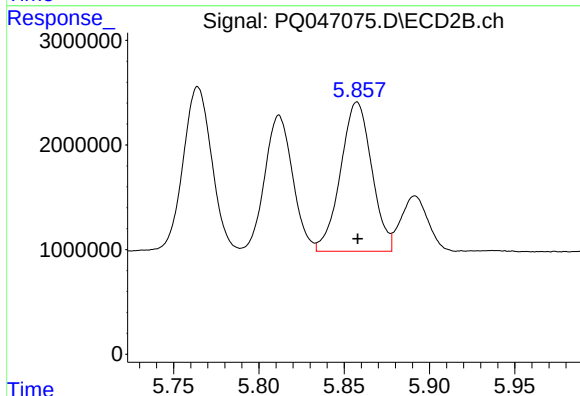
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 14871113
Conc: 191.79 ng/ml



#23 AR-1248-3

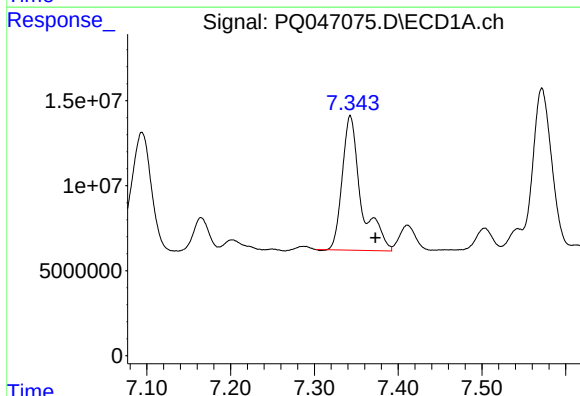
R.T.: 6.944 min
Delta R.T.: -0.002 min
Response: 134138546
Conc: 185.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



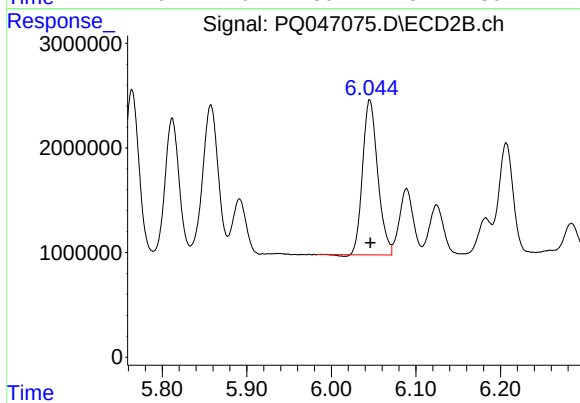
#23 AR-1248-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 18144983
Conc: 227.13 ng/ml



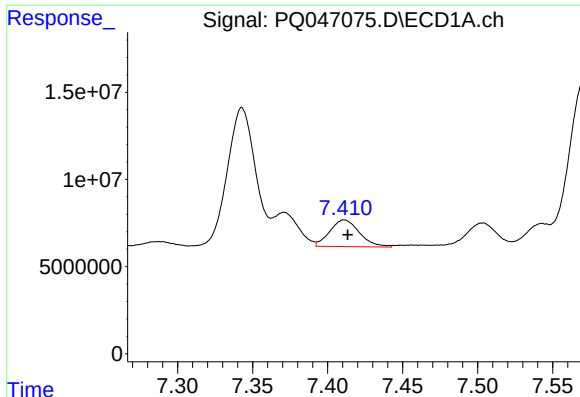
#24 AR-1248-4

R.T.: 7.343 min
Delta R.T.: -0.030 min
Response: 124527952
Conc: 153.43 ng/ml



#24 AR-1248-4

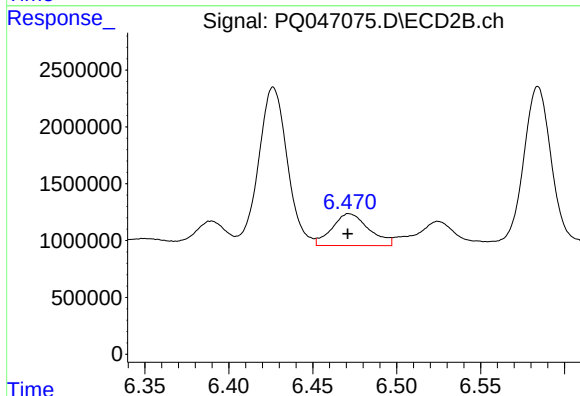
R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 18345803
Conc: 193.92 ng/ml



#25 AR-1248-5

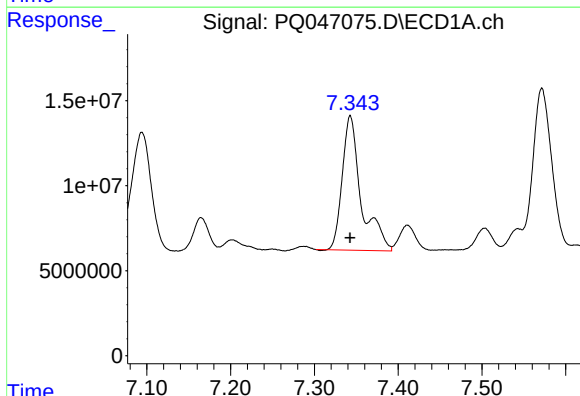
R.T.: 7.411 min
Delta R.T.: -0.002 min
Response: 21154428
Conc: 27.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



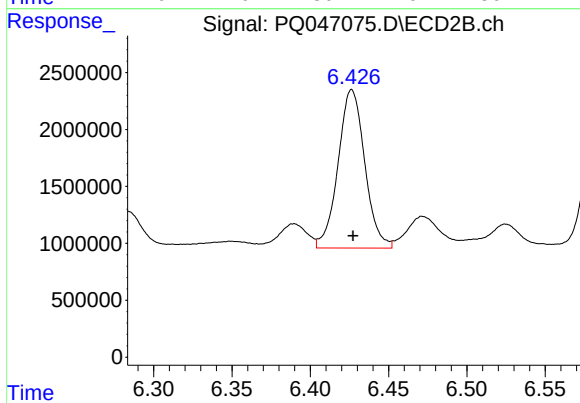
#25 AR-1248-5

R.T.: 6.472 min
Delta R.T.: 0.001 min
Response: 4280331
Conc: 40.63 ng/ml



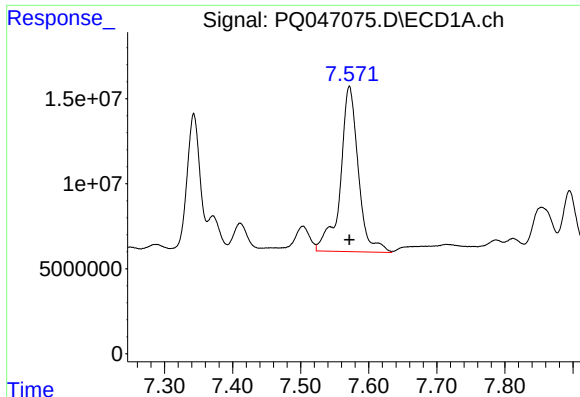
#26 AR-1254-1

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 124527952
Conc: 161.28 ng/ml



#26 AR-1254-1

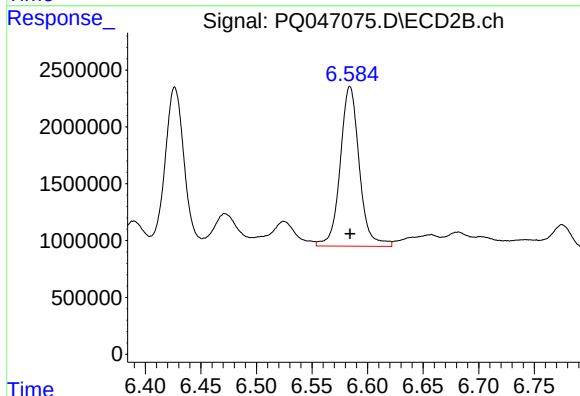
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 16513594
Conc: 110.64 ng/ml



#27 AR-1254-2

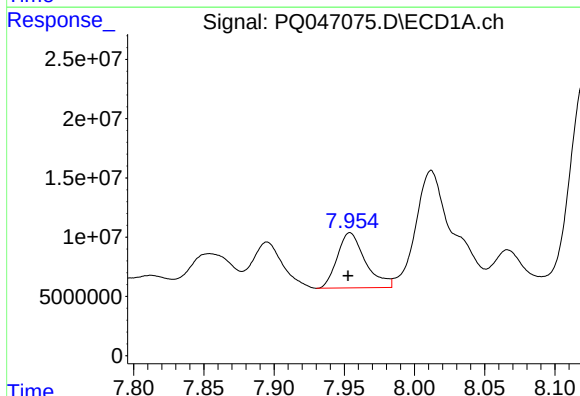
R.T.: 7.572 min
Delta R.T.: 0.000 min
Response: 177974815
Conc: 150.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



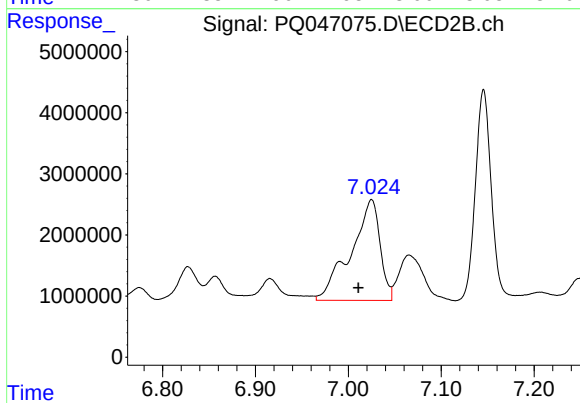
#27 AR-1254-2

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 16803325
Conc: 130.84 ng/ml



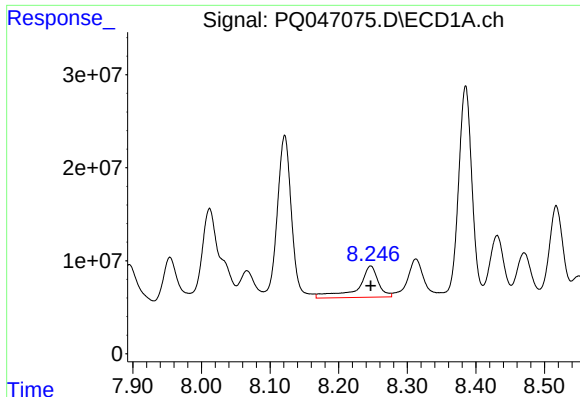
#28 AR-1254-3

R.T.: 7.954 min
Delta R.T.: 0.002 min
Response: 64763318
Conc: 55.49 ng/ml



#28 AR-1254-3

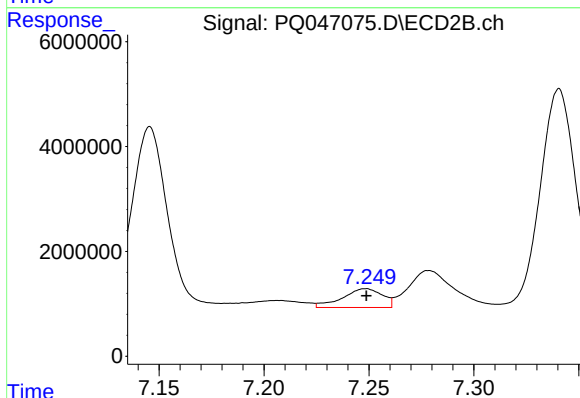
R.T.: 7.025 min
Delta R.T.: 0.014 min
Response: 36057557
Conc: 169.73 ng/ml



#29 AR-1254-4

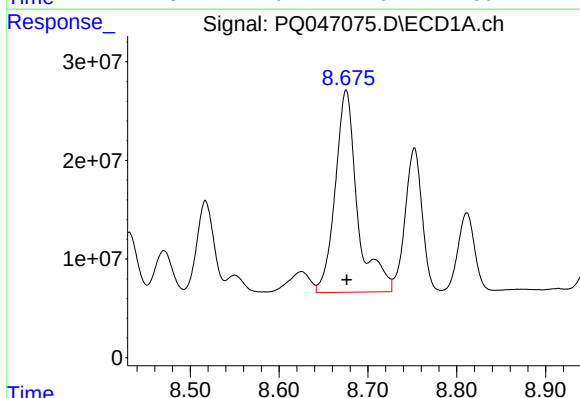
R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 68883430
Conc: 73.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



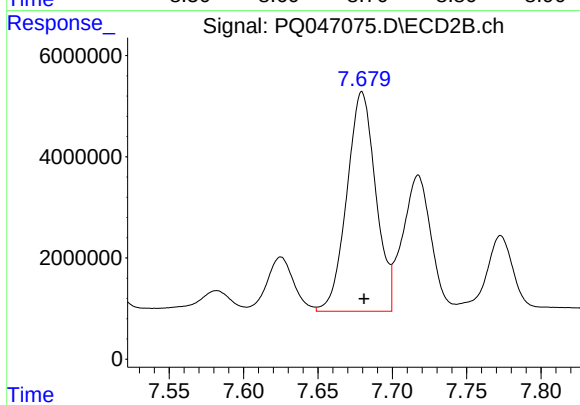
#29 AR-1254-4

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 4767265
Conc: 35.19 ng/ml



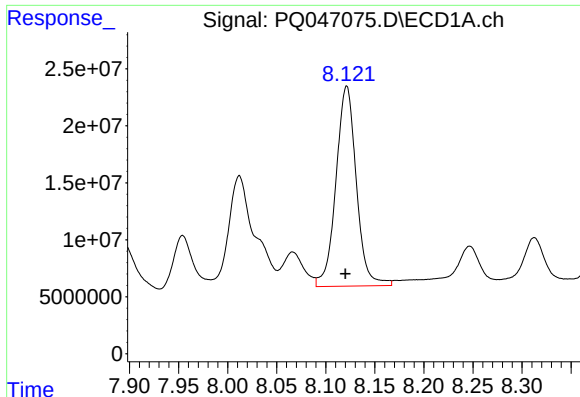
#30 AR-1254-5

R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 357518127
Conc: 426.09 ng/ml



#30 AR-1254-5

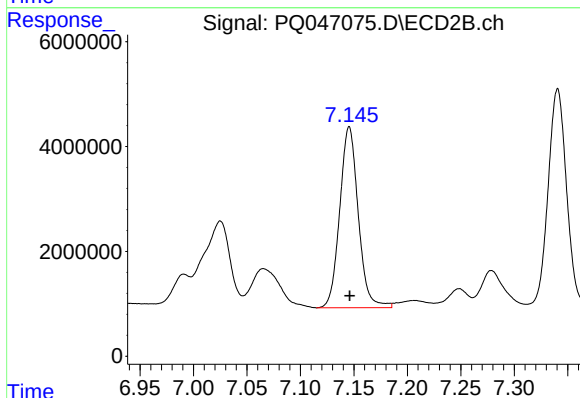
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 58673731
Conc: 319.36 ng/ml



#31 AR-1260-1

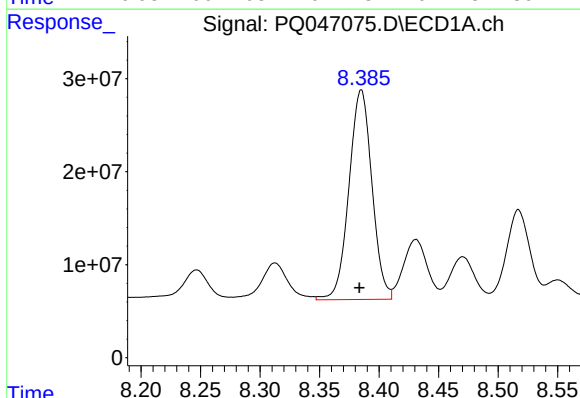
R.T.: 8.121 min
Delta R.T.: 0.001 min
Response: 254056876
Conc: 242.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



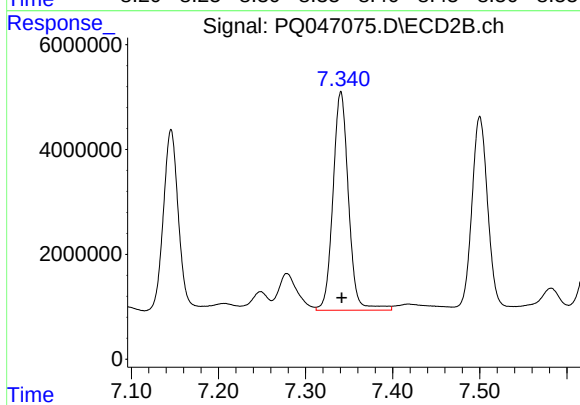
#31 AR-1260-1

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 41632449
Conc: 238.03 ng/ml



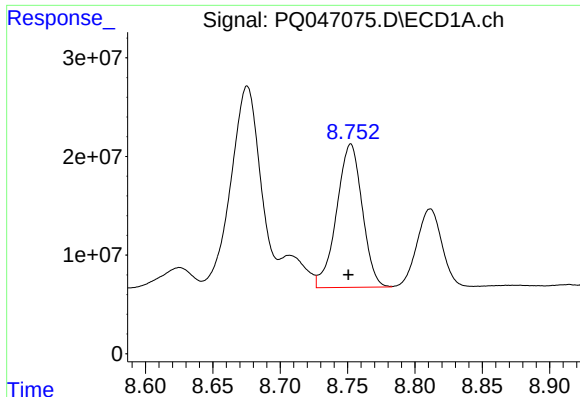
#32 AR-1260-2

R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 303021011
Conc: 220.58 ng/ml



#32 AR-1260-2

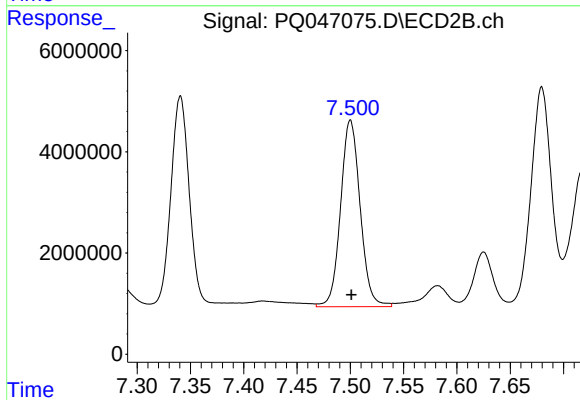
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 51699897
Conc: 239.92 ng/ml



#33 AR-1260-3

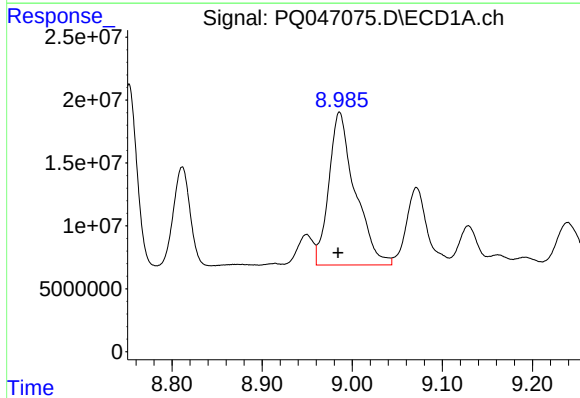
R.T.: 8.752 min
Delta R.T.: 0.002 min
Response: 192309893
Conc: 178.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



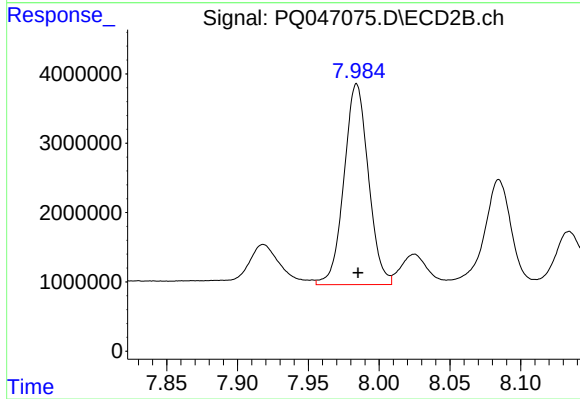
#33 AR-1260-3

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 47155726
Conc: 234.47 ng/ml



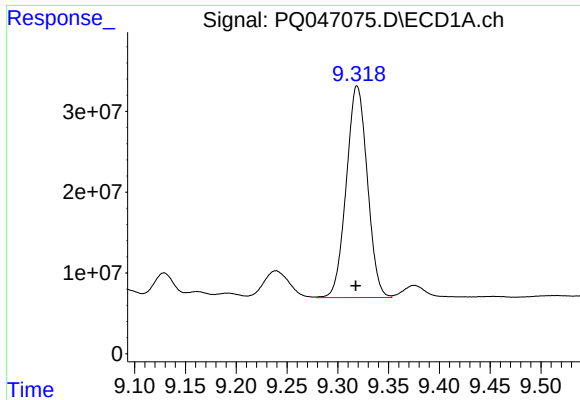
#34 AR-1260-4

R.T.: 8.986 min
Delta R.T.: 0.002 min
Response: 245951141
Conc: 246.55 ng/ml



#34 AR-1260-4

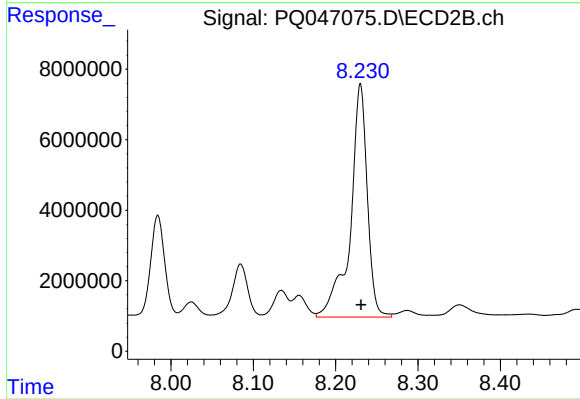
R.T.: 7.984 min
Delta R.T.: -0.001 min
Response: 34780170
Conc: 198.38 ng/ml



#35 AR-1260-5

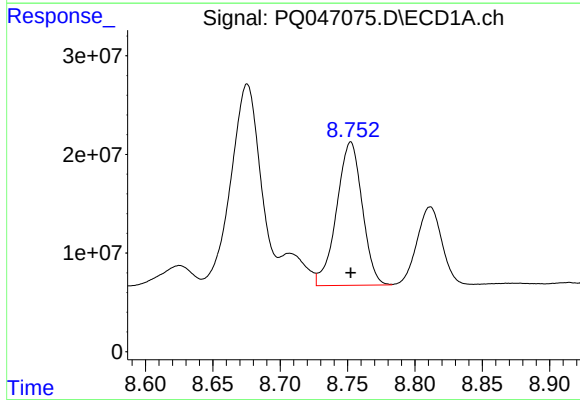
R.T.: 9.319 min
Delta R.T.: 0.002 min
Response: 377429321
Conc: 181.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



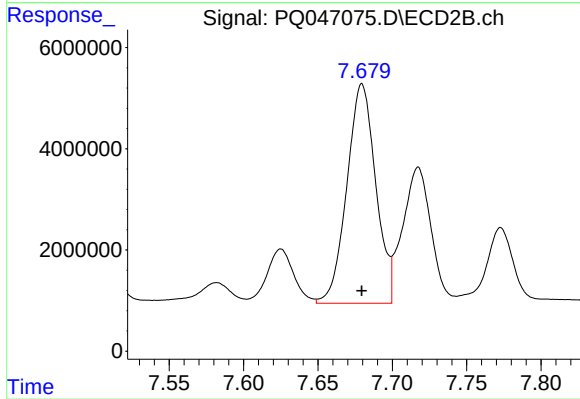
#35 AR-1260-5

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 94637787
Conc: 217.22 ng/ml



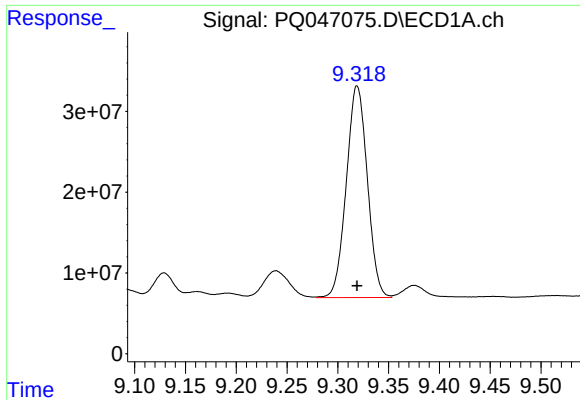
#36 AR-1262-1

R.T.: 8.752 min
Delta R.T.: 0.000 min
Response: 192309893
Conc: 147.88 ng/ml



#36 AR-1262-1

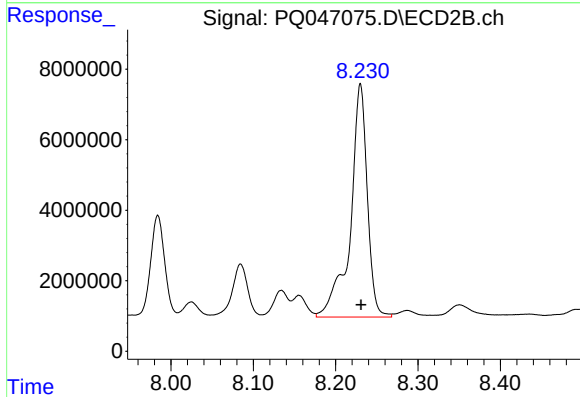
R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 58673731
Conc: 542.98 ng/ml



#37 AR-1262-2

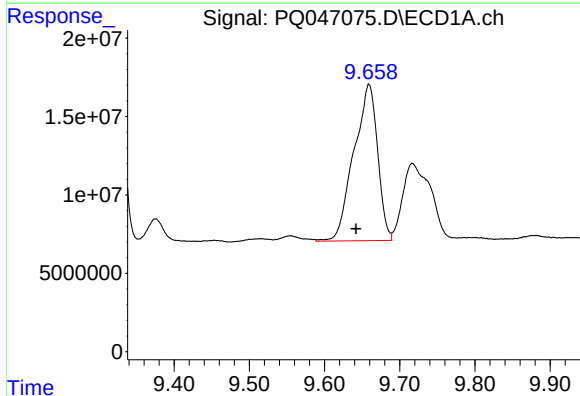
R.T.: 9.319 min
Delta R.T.: 0.000 min
Response: 377429321
Conc: 194.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



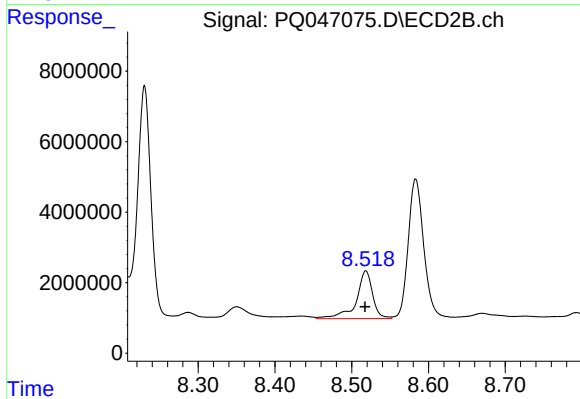
#37 AR-1262-2

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 94637787
Conc: 239.04 ng/ml



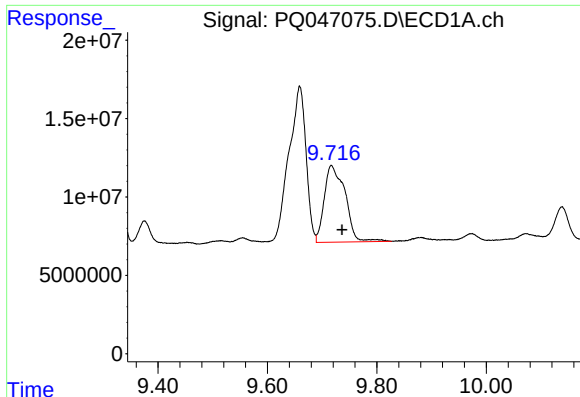
#38 AR-1262-3

R.T.: 9.659 min
Delta R.T.: 0.017 min
Response: 218704274
Conc: 178.94 ng/ml



#38 AR-1262-3

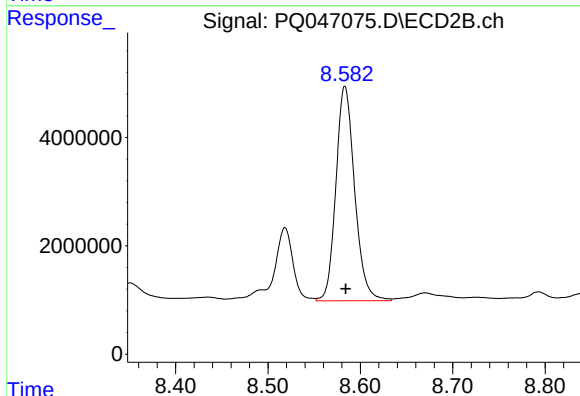
R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 20091486
Conc: 134.27 ng/ml



#39 AR-1262-4

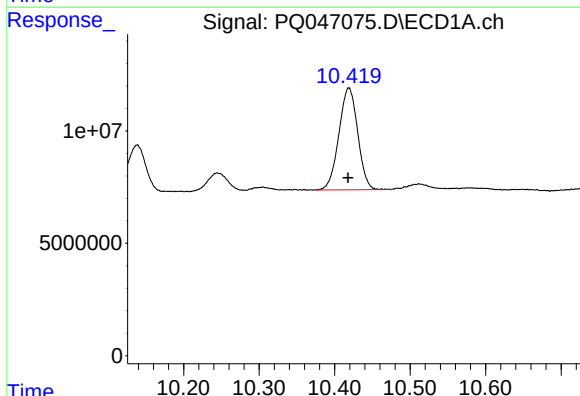
R.T.: 9.717 min
Delta R.T.: -0.019 min
Response: 129483693
Conc: 142.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



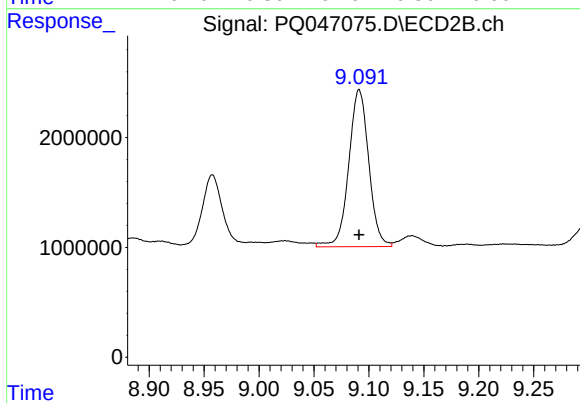
#39 AR-1262-4

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 55940393
Conc: 196.92 ng/ml



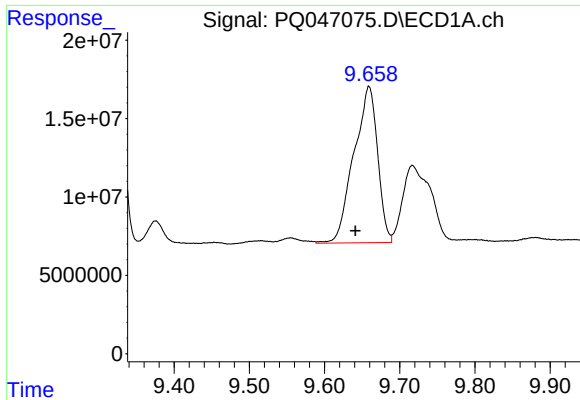
#40 AR-1262-5

R.T.: 10.419 min
Delta R.T.: 0.001 min
Response: 78597079
Conc: 139.08 ng/ml



#40 AR-1262-5

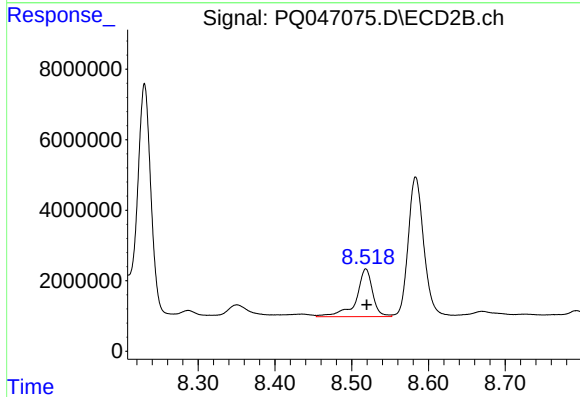
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 18136131
Conc: 139.91 ng/ml



#41 AR-1268-1

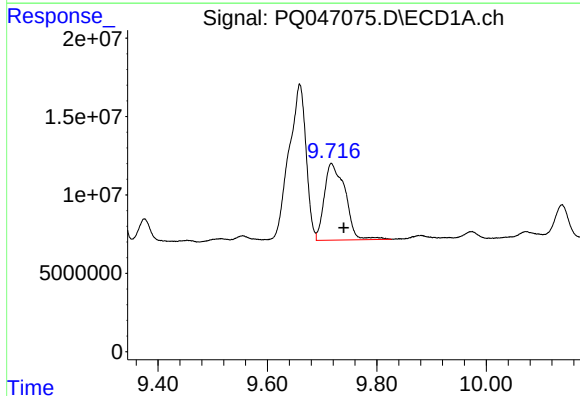
R.T.: 9.659 min
Delta R.T.: 0.018 min
Response: 218704274
Conc: 102.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



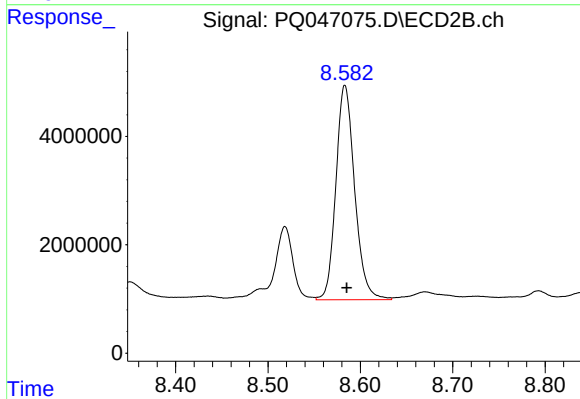
#41 AR-1268-1

R.T.: 8.518 min
Delta R.T.: -0.001 min
Response: 20091486
Conc: 46.66 ng/ml



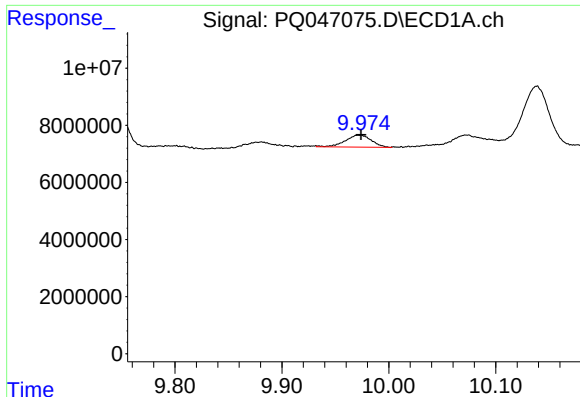
#42 AR-1268-2

R.T.: 9.717 min
Delta R.T.: -0.022 min
Response: 129483693
Conc: 71.59 ng/ml



#42 AR-1268-2

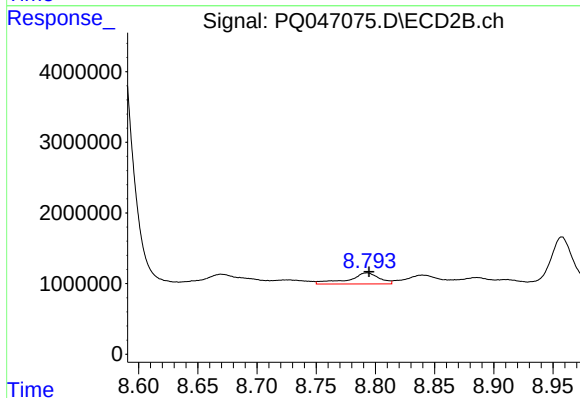
R.T.: 8.583 min
Delta R.T.: -0.002 min
Response: 55940393
Conc: 142.61 ng/ml



#43 AR-1268-3

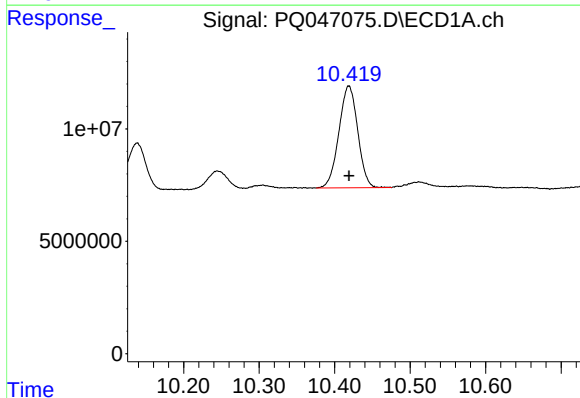
R.T.: 9.973 min
Delta R.T.: -0.002 min
Response: 7072534
Conc: 4.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



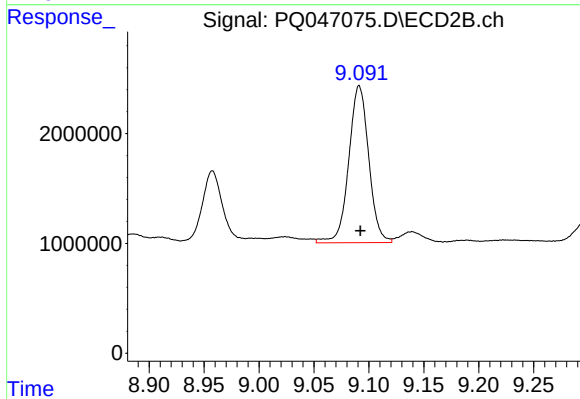
#43 AR-1268-3

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 2876840
Conc: 9.04 ng/ml



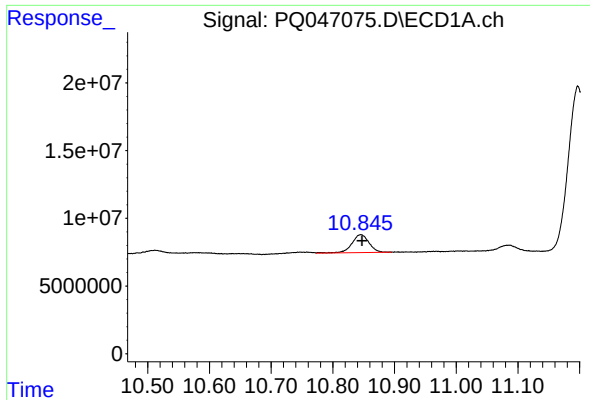
#44 AR-1268-4

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 78597079
Conc: 129.15 ng/ml



#44 AR-1268-4

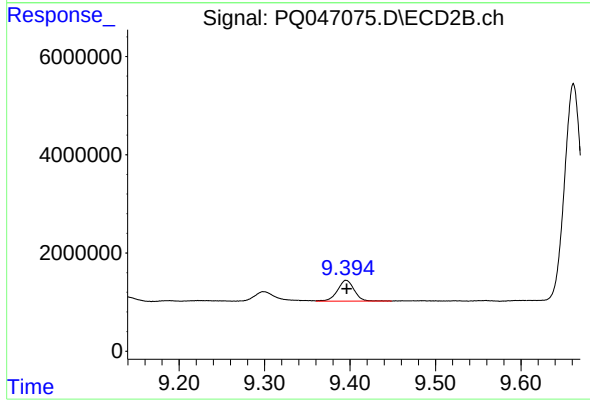
R.T.: 9.091 min
Delta R.T.: -0.001 min
Response: 18136131
Conc: 130.48 ng/ml



#45 AR-1268-5

R.T.: 10.845 min
Delta R.T.: -0.002 min
Response: 25350007
Conc: 6.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 5774830
Conc: 5.73 ng/ml