

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020719\
 Data File : PQ037057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2019 02:04
 Operator : SM\SJ
 Sample : AR1660CCC500
 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: Feb 08 09:01:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 06 18:32:04 2019
 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...	4.316	3.697	255.0E6	146.4E6	57.398	63.383
2)	SA Decachlor...	9.872	8.618	158.2E6	105.1E6	38.363	55.955 #
Target Compounds							
3)	L1 AR-1016-1	5.469	4.763	77050392	46271633	559.564	640.229
4)	L1 AR-1016-2	5.490	4.780	118.6E6	70130307	567.287	647.469
5)	L1 AR-1016-3	5.551	4.955	69158813	35937276	578.077	652.454
6)	L1 AR-1016-4	5.651	4.993	57676142	29647289	584.148	661.829
7)	L1 AR-1016-5	5.937	5.205	47772190	36228685	487.100	623.922 #
8)	L2 AR-1221-1	4.523	3.903	6678842	3609700	87.286	89.486
9)	L2 AR-1221-2	4.614	3.991	9955295	6199687	188.627	216.710
10)	L2 AR-1221-3	4.689	4.064	39229147	23130651	212.379	233.303
11)	L3 AR-1232-1	4.689	4.064	39229147	23130651	385.596	418.902
12)	L3 AR-1232-2	5.206	4.780	53284224	70130307	1030.354	1187.032
13)	L3 AR-1232-3	5.490	4.955	118.6E6	35937276	1100.504	1213.493
14)	L3 AR-1232-4	5.651	5.034	57676142	35930805	1118.958	1359.649
15)	L3 AR-1232-5	5.735	5.205	49841440	36228685	1329.026	1266.790
16)	L4 AR-1242-1	5.469	4.763	77050392	46271633	619.928	687.953
17)	L4 AR-1242-2	5.490	4.780	118.6E6	70130307	620.846	684.286
18)	L4 AR-1242-3	5.551	4.955	69158813	35937276	630.479	703.690
19)	L4 AR-1242-4	5.651	5.034	57676142	35930805	636.552	721.606
20)	L4 AR-1242-5	6.375	5.550	17814713	42304906	179.962	715.520 #
21)	L5 AR-1248-1	5.469	4.763	77050392	46271633	885.866	937.287
22)	L5 AR-1248-2	5.735	4.993	49841440	29647289	403.237	449.843
23)	L5 AR-1248-3	5.937	5.034	47772190	35930805	346.649	538.976 #
24)	L5 AR-1248-4	6.338	5.205	21030218	36228685	130.369	448.177 #
25)	L5 AR-1248-5	6.375	5.591	17814713	11221860	116.365	141.935
26)	L6 AR-1254-1	6.308	5.550	60287704	42304906	138.312	126.072
27)	L6 AR-1254-2	6.520	5.694	56389962	35375670	83.149	126.137 #
28)	L6 AR-1254-3	6.890	6.102	30521391	52654632	43.517	115.590 #
29)	L6 AR-1254-4	7.171	6.321	21576011	7891344	40.606	27.874 #
30)	L6 AR-1254-5	7.587	6.730	179.9E6	105.6E6	330.805	285.523
31)	L7 AR-1260-1	7.045	6.219	113.6E6	71487464	577.256	641.055
32)	L7 AR-1260-2	7.300	6.406	147.5E6	88660953	584.050	652.145
33)	L7 AR-1260-3	7.654	6.557	95589803	81955621	596.770	658.916
34)	L7 AR-1260-4	7.882	7.021	108.1E6	55940887	596.132	660.148
35)	L7 AR-1260-5	8.193	7.264	210.7E6	133.5E6	549.766	645.842
36)	L8 AR-1262-1	7.654	6.763	95589803	62949003	323.308	387.720
37)	L8 AR-1262-2	8.193	7.264	210.7E6	133.5E6	394.075	463.521
38)	L8 AR-1262-3	8.510	7.538	85529798	27074947	370.596	234.207 #
39)	L8 AR-1262-4	8.558	7.606	77012768	96035188	285.446	459.096 #
40)	L8 AR-1262-5	9.195	8.098	51231018	25097175	271.950	270.309
41)	L9 AR-1268-1	8.482	7.538	38987597	27074947	58.247	79.652 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

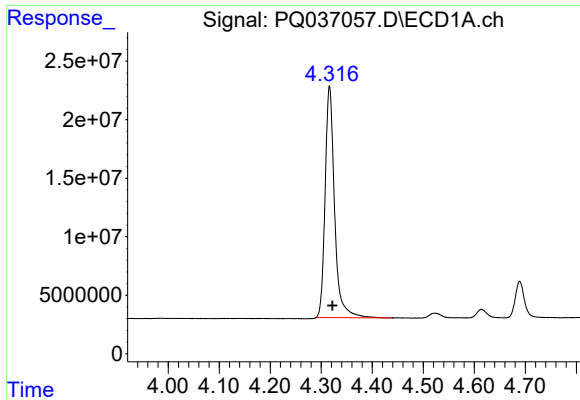
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 09:01:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020619.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	8.558	7.606	77012768	96035188	124.039	310.392 #
43) L9	AR-1268-3	8.778	7.801	3989173	2105153	7.266	8.230
44) L9	AR-1268-4	9.195	8.098	51231018	25097175	247.445	239.718
45) L9	AR-1268-5	9.573	8.380	12237074	6717697	7.322	8.320

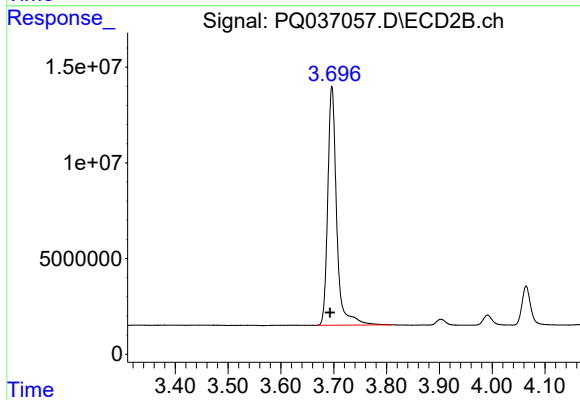
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

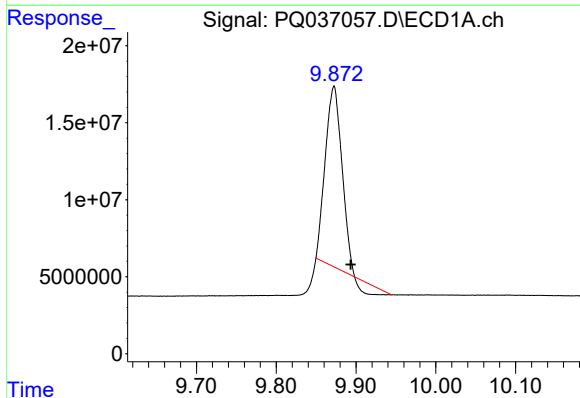
R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 255028510
Conc: 57.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



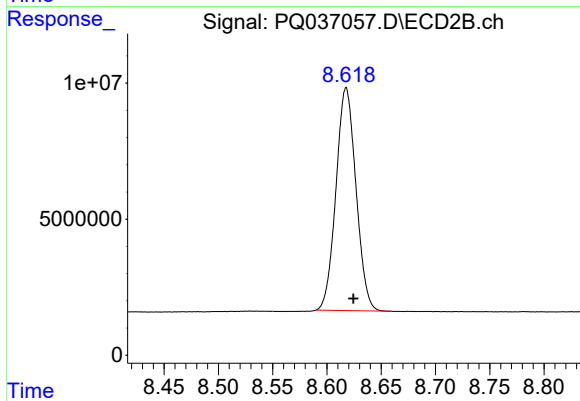
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: 0.003 min
Response: 146379832
Conc: 63.38 ng/ml



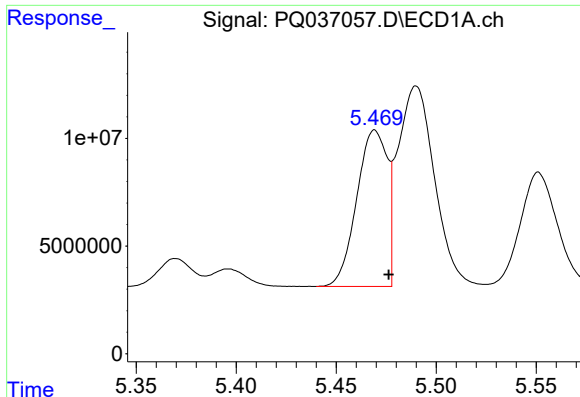
#2 Decachlorobiphenyl

R.T.: 9.872 min
Delta R.T.: -0.021 min
Response: 158170413
Conc: 38.36 ng/ml



#2 Decachlorobiphenyl

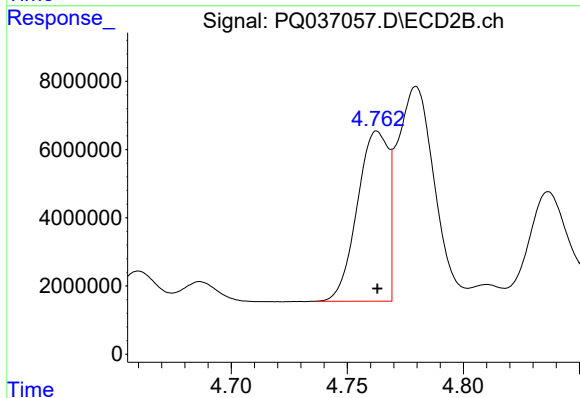
R.T.: 8.618 min
Delta R.T.: -0.007 min
Response: 105133598
Conc: 55.96 ng/ml



#3 AR-1016-1

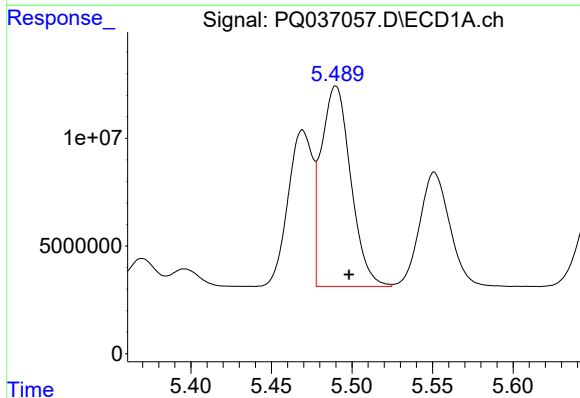
R.T.: 5.469 min
Delta R.T.: -0.007 min
Response: 77050392
Conc: 559.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



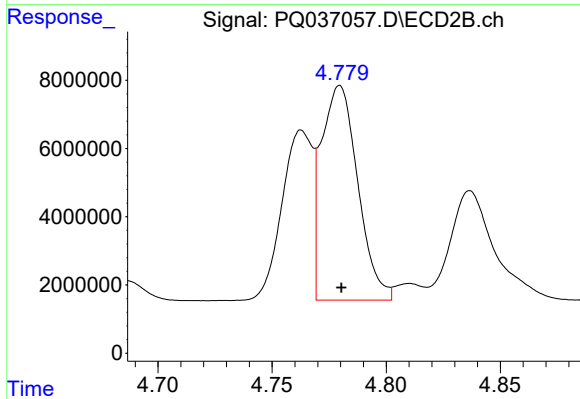
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 46271633
Conc: 640.23 ng/ml



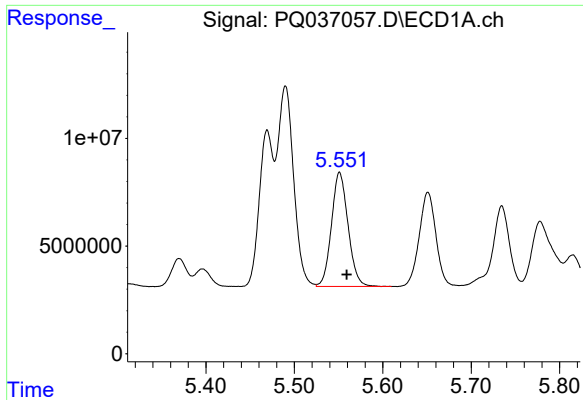
#4 AR-1016-2

R.T.: 5.490 min
Delta R.T.: -0.008 min
Response: 118641746
Conc: 567.29 ng/ml



#4 AR-1016-2

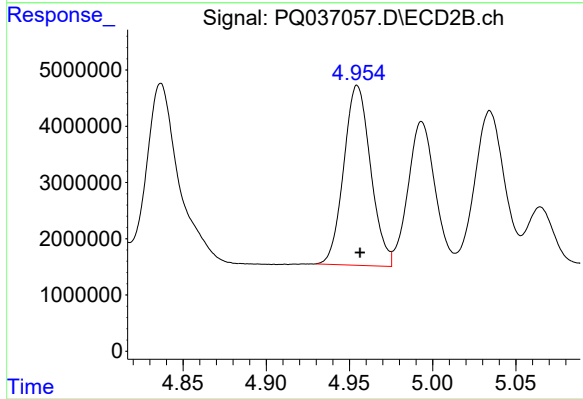
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 70130307
Conc: 647.47 ng/ml



#5 AR-1016-3

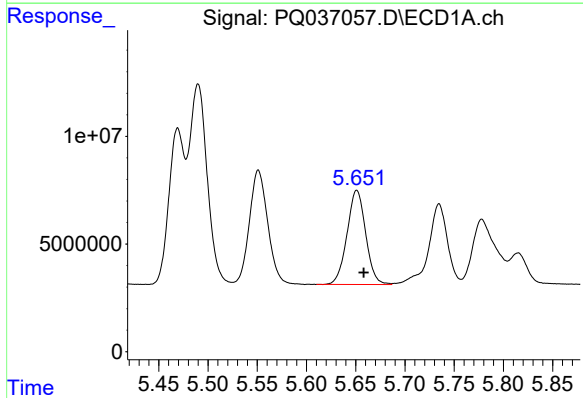
R.T.: 5.551 min
Delta R.T.: -0.008 min
Response: 69158813
Conc: 578.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



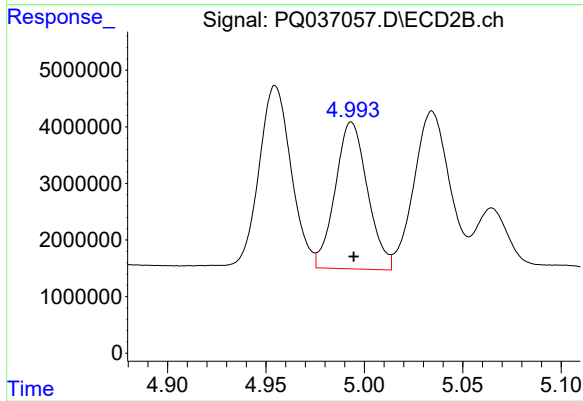
#5 AR-1016-3

R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 35937276
Conc: 652.45 ng/ml



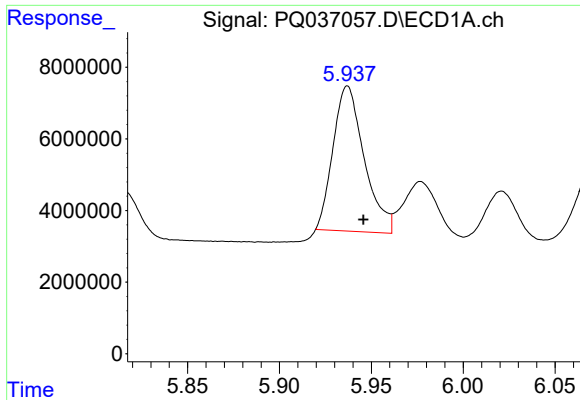
#6 AR-1016-4

R.T.: 5.651 min
Delta R.T.: -0.007 min
Response: 57676142
Conc: 584.15 ng/ml



#6 AR-1016-4

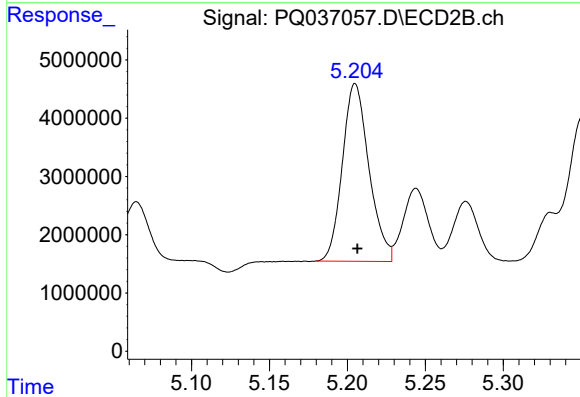
R.T.: 4.993 min
Delta R.T.: -0.001 min
Response: 29647289
Conc: 661.83 ng/ml



#7 AR-1016-5

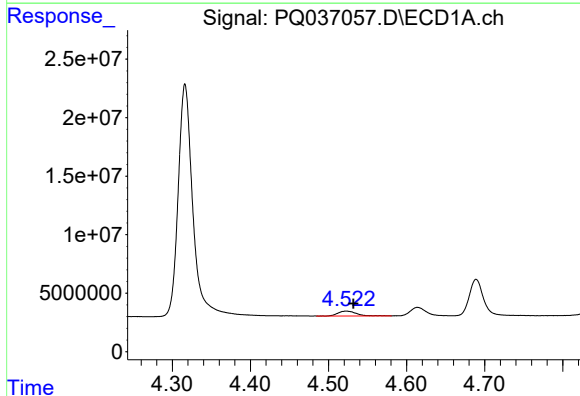
R.T.: 5.937 min
Delta R.T.: -0.009 min
Response: 47772190
Conc: 487.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



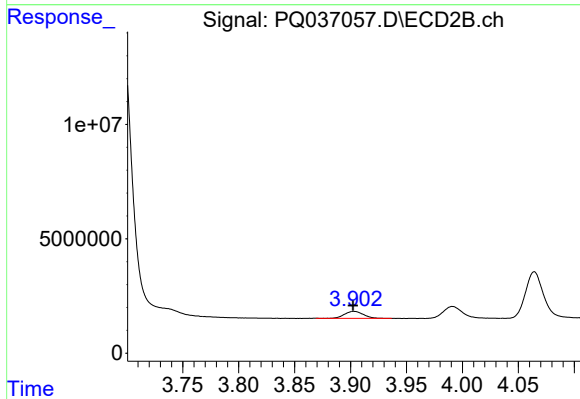
#7 AR-1016-5

R.T.: 5.205 min
Delta R.T.: -0.002 min
Response: 36228685
Conc: 623.92 ng/ml



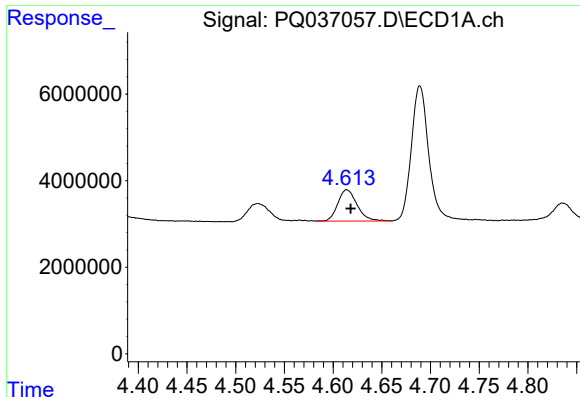
#8 AR-1221-1

R.T.: 4.523 min
Delta R.T.: -0.009 min
Response: 6678842
Conc: 87.29 ng/ml



#8 AR-1221-1

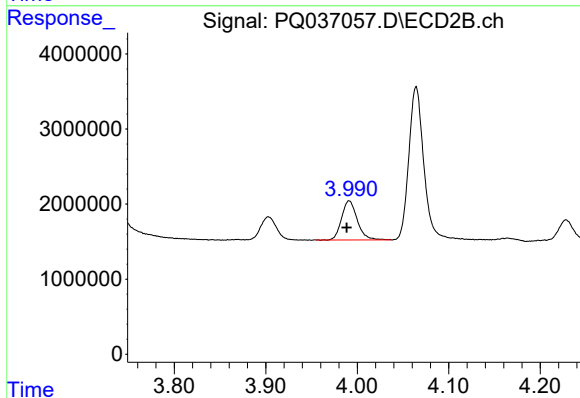
R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 3609700
Conc: 89.49 ng/ml



#9 AR-1221-2

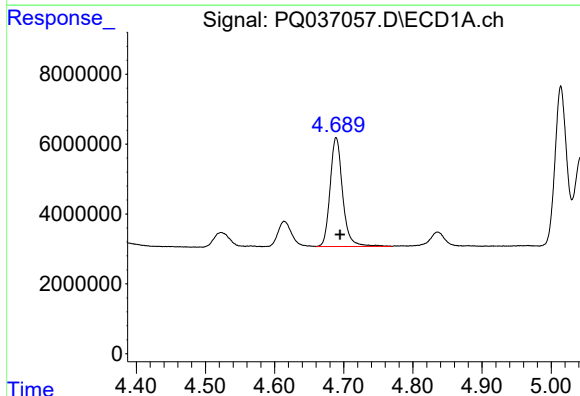
R.T.: 4.614 min
Delta R.T.: -0.004 min
Response: 9955295
Conc: 188.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



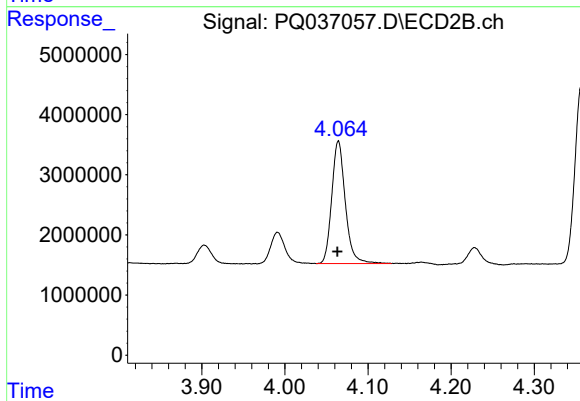
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: 0.003 min
Response: 6199687
Conc: 216.71 ng/ml



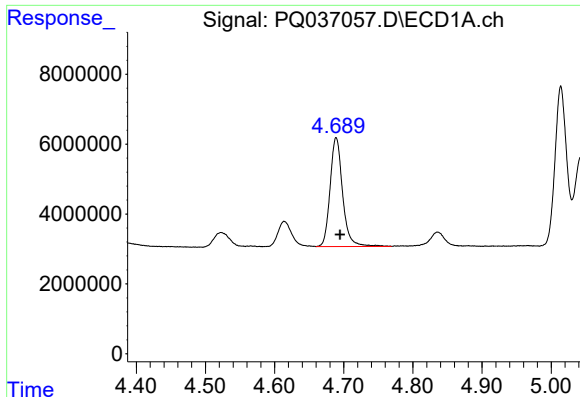
#10 AR-1221-3

R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 39229147
Conc: 212.38 ng/ml



#10 AR-1221-3

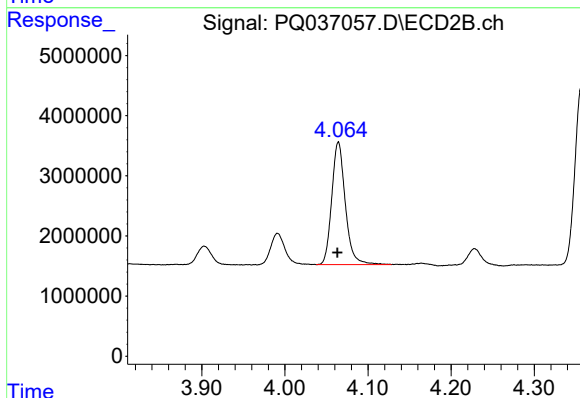
R.T.: 4.064 min
Delta R.T.: 0.001 min
Response: 23130651
Conc: 233.30 ng/ml



#11 AR-1232-1

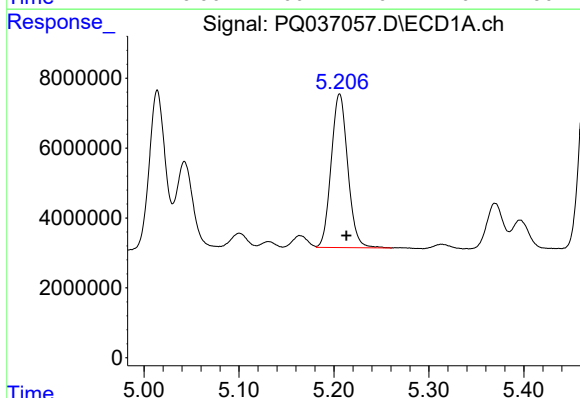
R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 39229147
Conc: 385.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



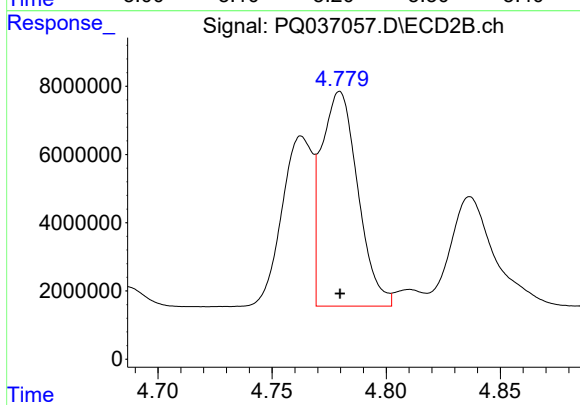
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: 0.001 min
Response: 23130651
Conc: 418.90 ng/ml



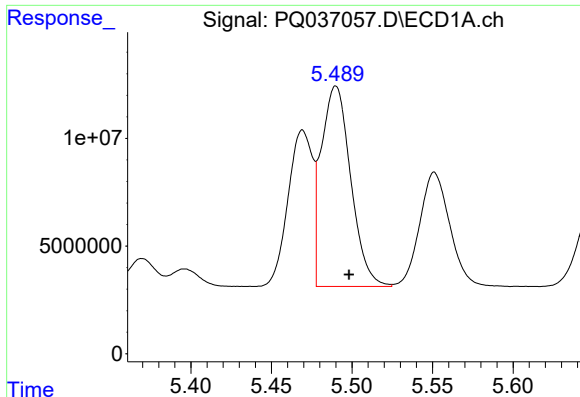
#12 AR-1232-2

R.T.: 5.206 min
Delta R.T.: -0.007 min
Response: 53284224
Conc: 1030.35 ng/ml



#12 AR-1232-2

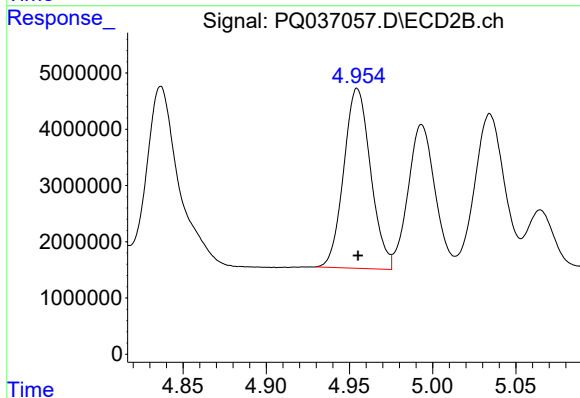
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 70130307
Conc: 1187.03 ng/ml



#13 AR-1232-3

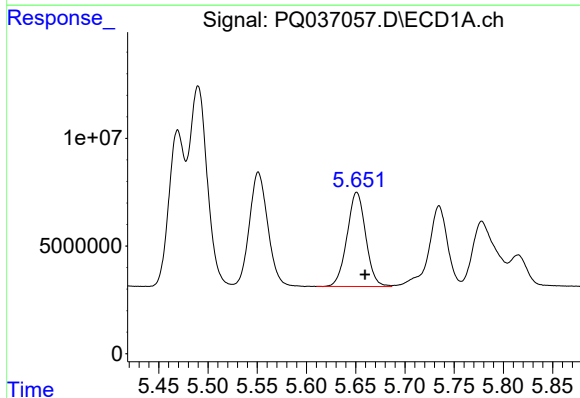
R.T.: 5.490 min
Delta R.T.: -0.008 min
Response: 118641746
Conc: 1100.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



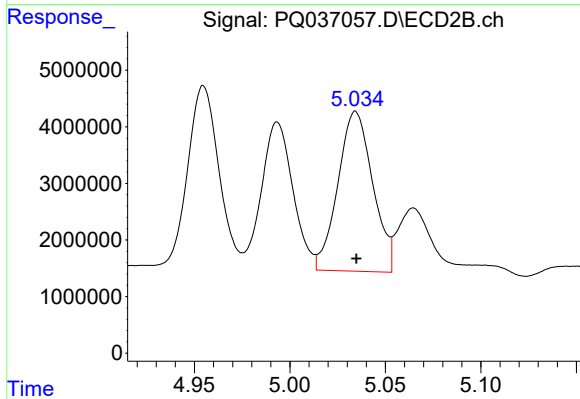
#13 AR-1232-3

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 35937276
Conc: 1213.49 ng/ml



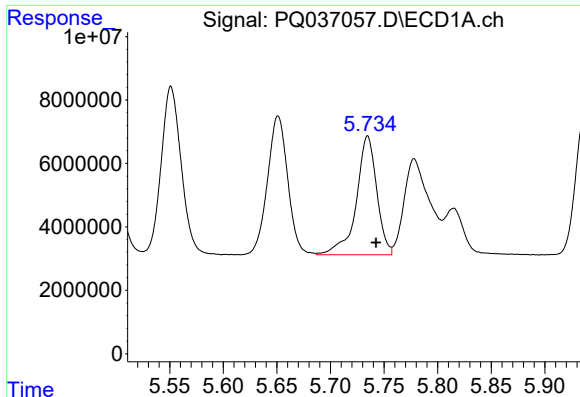
#14 AR-1232-4

R.T.: 5.651 min
Delta R.T.: -0.008 min
Response: 57676142
Conc: 1118.96 ng/ml



#14 AR-1232-4

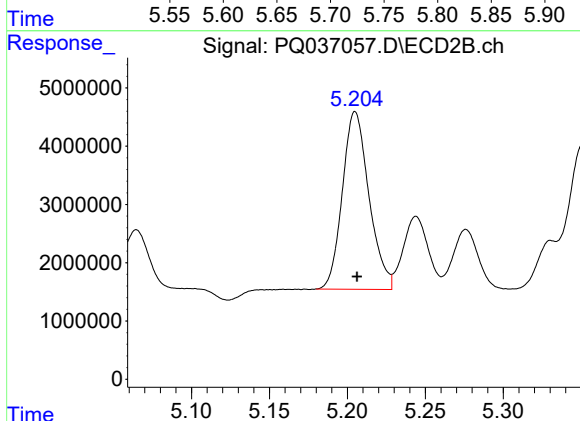
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 35930805
Conc: 1359.65 ng/ml



#15 AR-1232-5

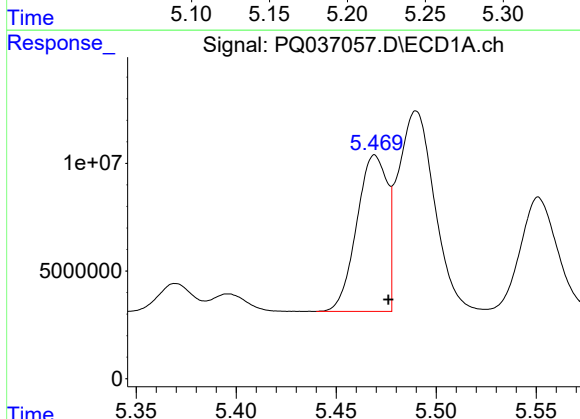
R.T.: 5.735 min
Delta R.T.: -0.008 min
Response: 49841440
Conc: 1329.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



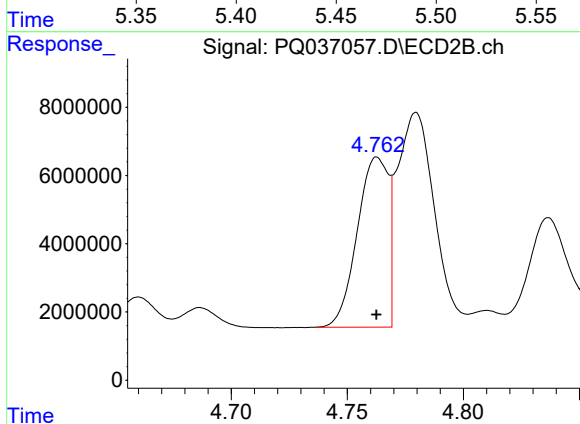
#15 AR-1232-5

R.T.: 5.205 min
Delta R.T.: -0.001 min
Response: 36228685
Conc: 1266.79 ng/ml



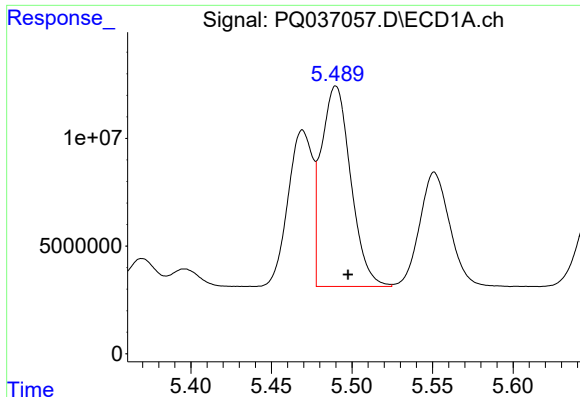
#16 AR-1242-1

R.T.: 5.469 min
Delta R.T.: -0.007 min
Response: 77050392
Conc: 619.93 ng/ml



#16 AR-1242-1

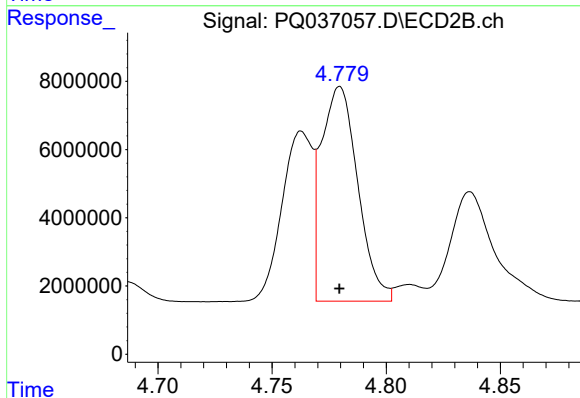
R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 46271633
Conc: 687.95 ng/ml



#17 AR-1242-2

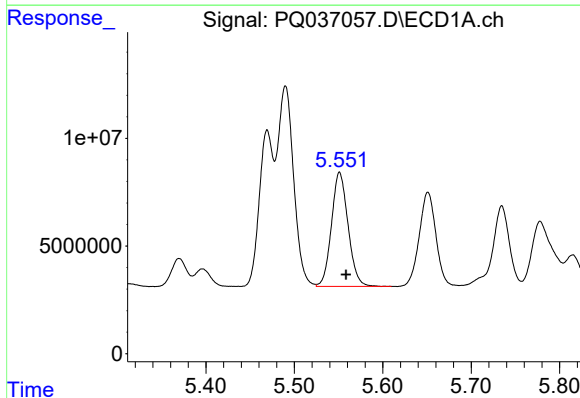
R.T.: 5.490 min
Delta R.T.: -0.008 min
Response: 118641746
Conc: 620.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



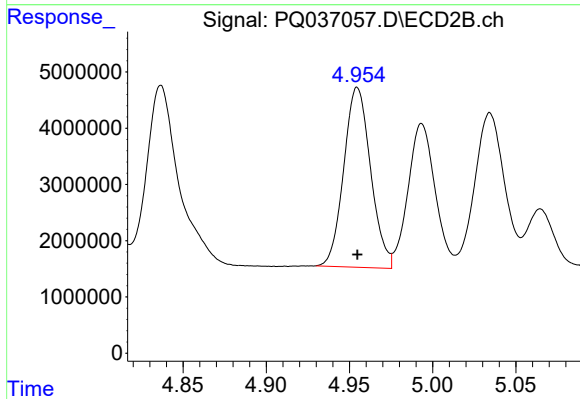
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 70130307
Conc: 684.29 ng/ml



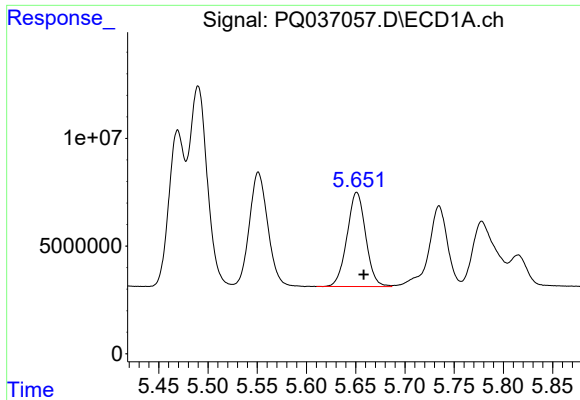
#18 AR-1242-3

R.T.: 5.551 min
Delta R.T.: -0.007 min
Response: 69158813
Conc: 630.48 ng/ml



#18 AR-1242-3

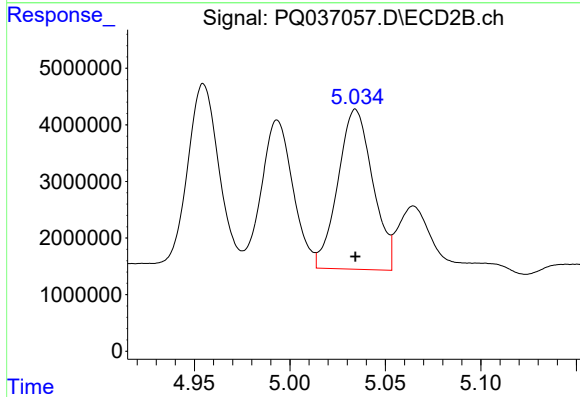
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 35937276
Conc: 703.69 ng/ml



#19 AR-1242-4

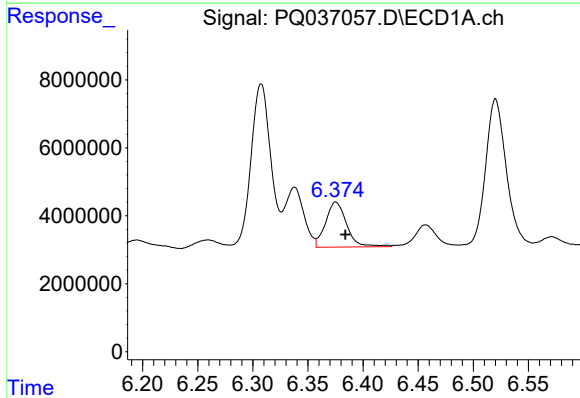
R.T.: 5.651 min
Delta R.T.: -0.007 min
Response: 57676142
Conc: 636.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



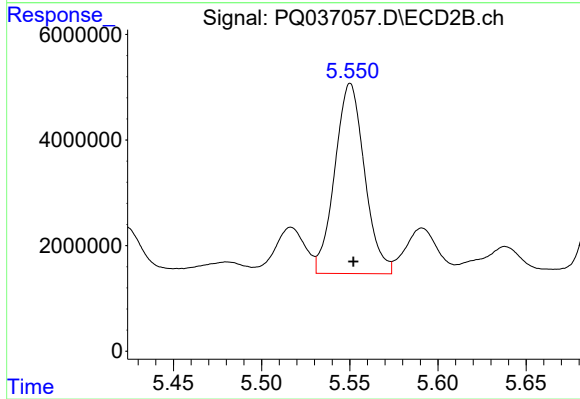
#19 AR-1242-4

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 35930805
Conc: 721.61 ng/ml



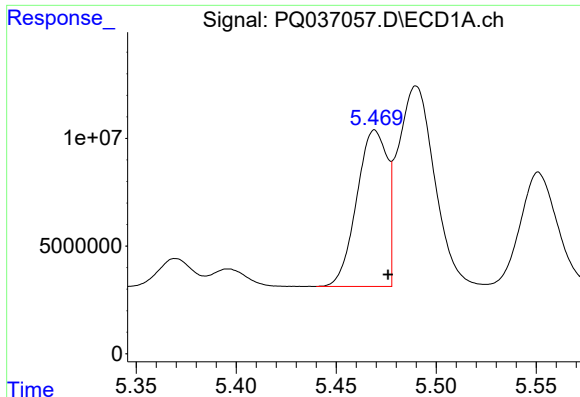
#20 AR-1242-5

R.T.: 6.375 min
Delta R.T.: -0.009 min
Response: 17814713
Conc: 179.96 ng/ml



#20 AR-1242-5

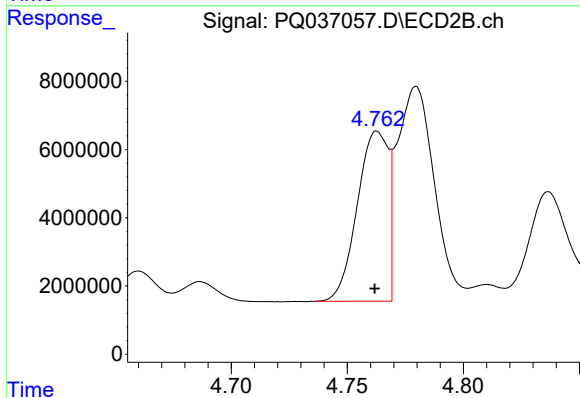
R.T.: 5.550 min
Delta R.T.: -0.002 min
Response: 42304906
Conc: 715.52 ng/ml



#21 AR-1248-1

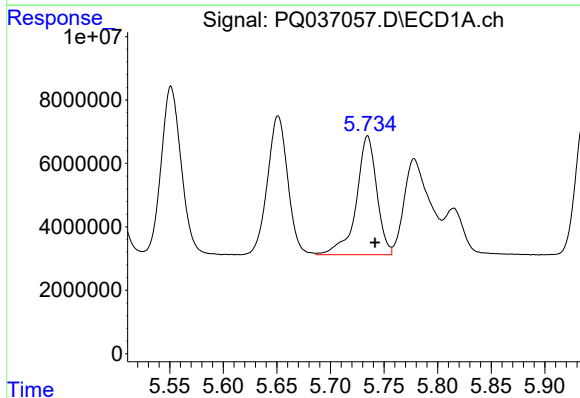
R.T.: 5.469 min
Delta R.T.: -0.007 min
Response: 77050392
Conc: 885.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



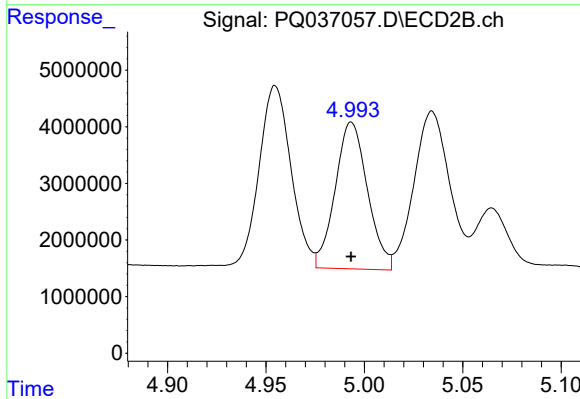
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 46271633
Conc: 937.29 ng/ml



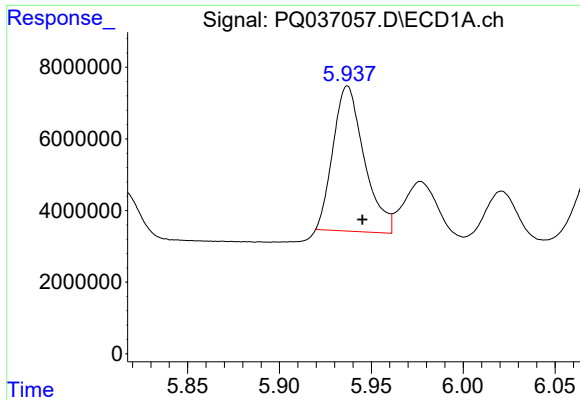
#22 AR-1248-2

R.T.: 5.735 min
Delta R.T.: -0.007 min
Response: 49841440
Conc: 403.24 ng/ml



#22 AR-1248-2

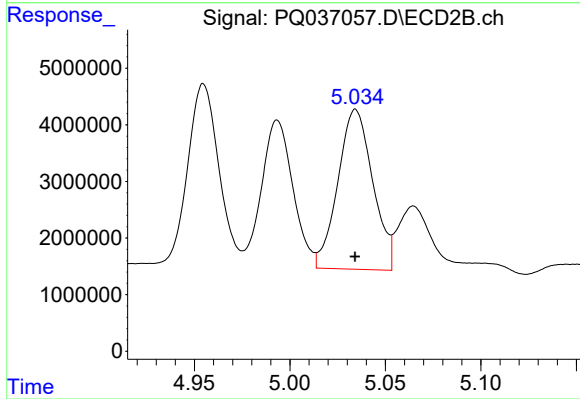
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 29647289
Conc: 449.84 ng/ml



#23 AR-1248-3

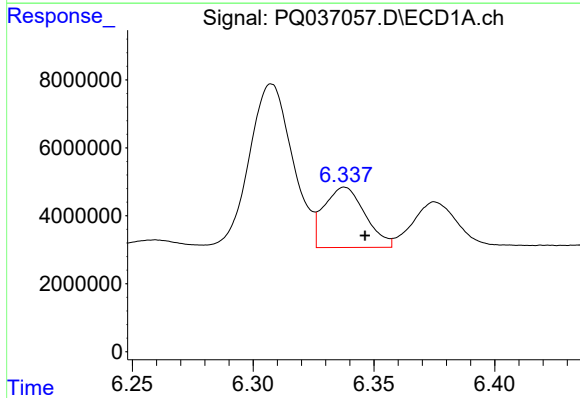
R.T.: 5.937 min
Delta R.T.: -0.008 min
Response: 47772190
Conc: 346.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



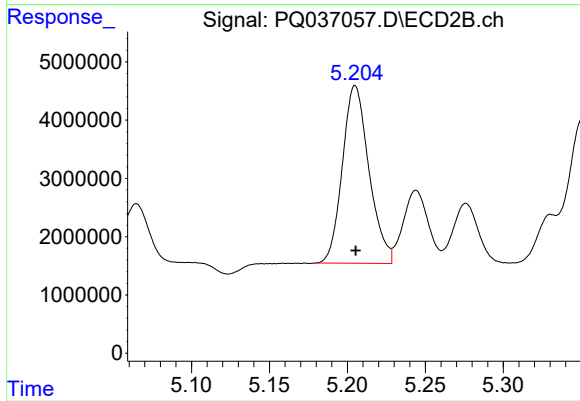
#23 AR-1248-3

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 35930805
Conc: 538.98 ng/ml



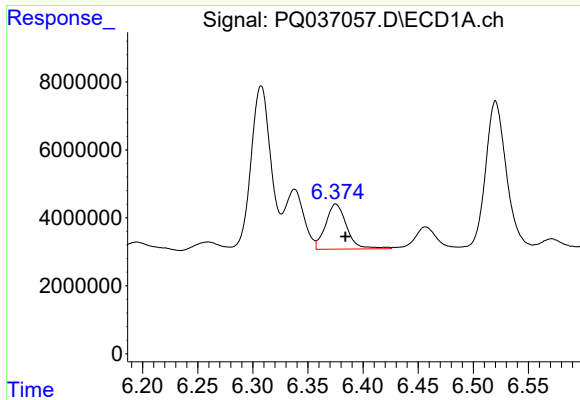
#24 AR-1248-4

R.T.: 6.338 min
Delta R.T.: -0.008 min
Response: 21030218
Conc: 130.37 ng/ml



#24 AR-1248-4

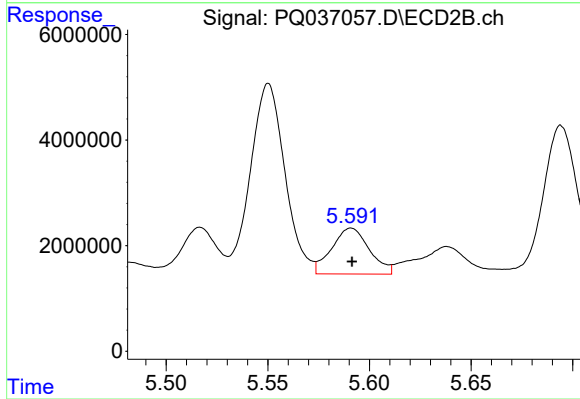
R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 36228685
Conc: 448.18 ng/ml



#25 AR-1248-5

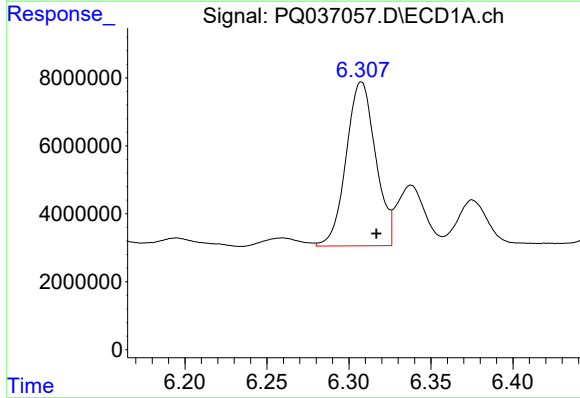
R.T.: 6.375 min
Delta R.T.: -0.009 min
Response: 17814713
Conc: 116.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



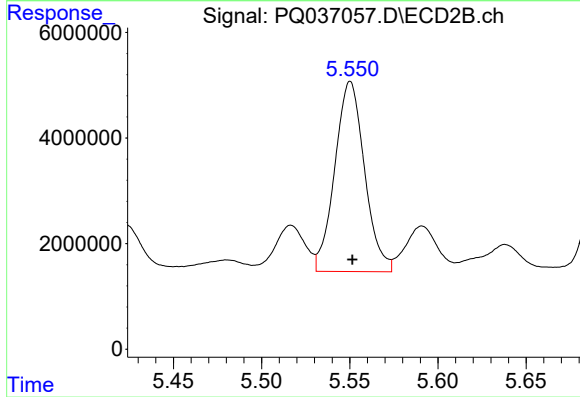
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: 0.000 min
Response: 11221860
Conc: 141.93 ng/ml



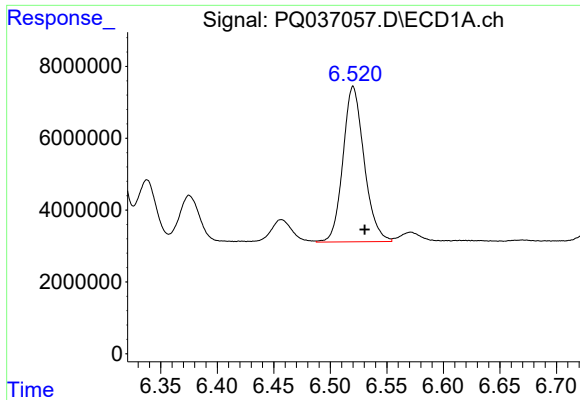
#26 AR-1254-1

R.T.: 6.308 min
Delta R.T.: -0.009 min
Response: 60287704
Conc: 138.31 ng/ml



#26 AR-1254-1

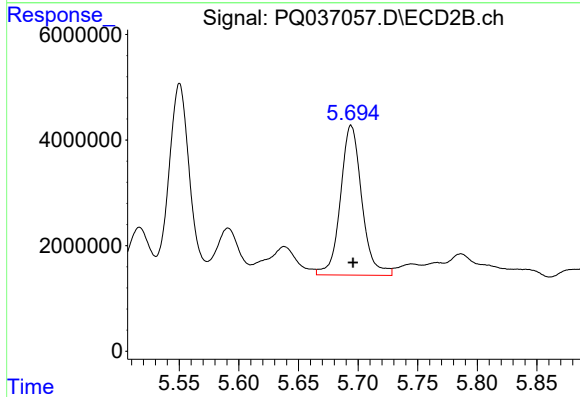
R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 42304906
Conc: 126.07 ng/ml



#27 AR-1254-2

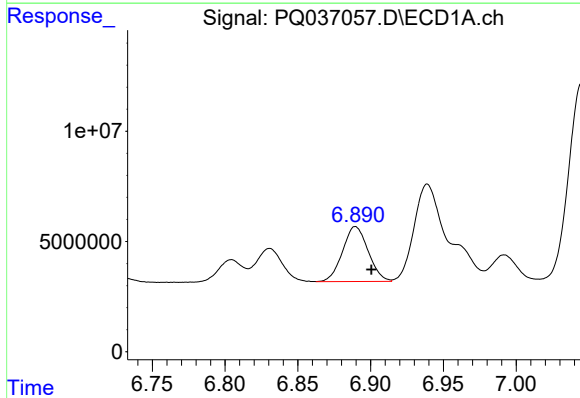
R.T.: 6.520 min
Delta R.T.: -0.010 min
Response: 56389962
Conc: 83.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



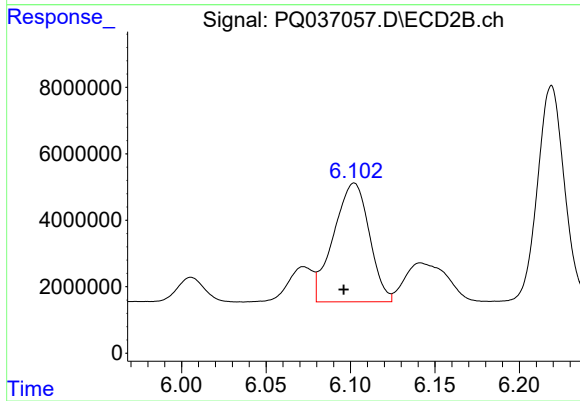
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 35375670
Conc: 126.14 ng/ml



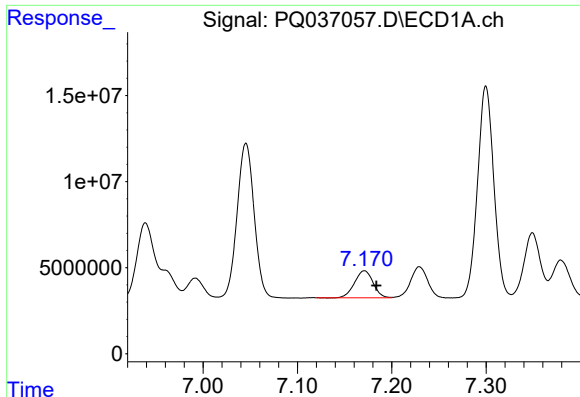
#28 AR-1254-3

R.T.: 6.890 min
Delta R.T.: -0.011 min
Response: 30521391
Conc: 43.52 ng/ml



#28 AR-1254-3

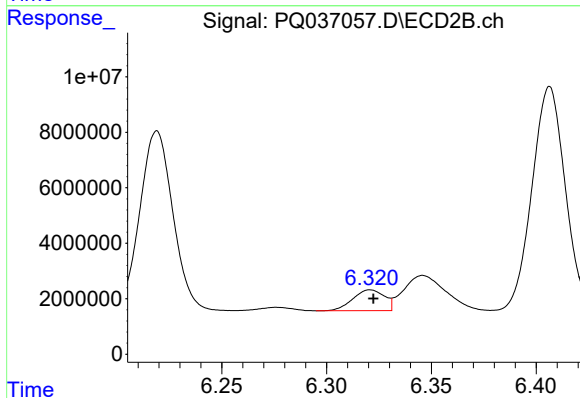
R.T.: 6.102 min
Delta R.T.: 0.006 min
Response: 52654632
Conc: 115.59 ng/ml



#29 AR-1254-4

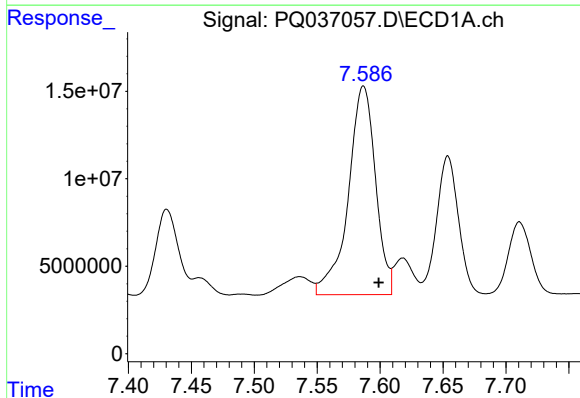
R.T.: 7.171 min
Delta R.T.: -0.013 min
Response: 21576011
Conc: 40.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



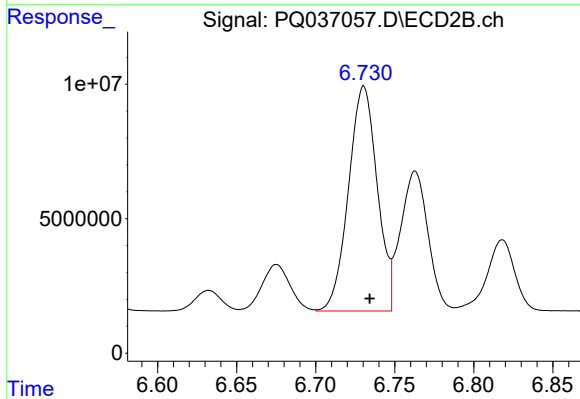
#29 AR-1254-4

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 7891344
Conc: 27.87 ng/ml



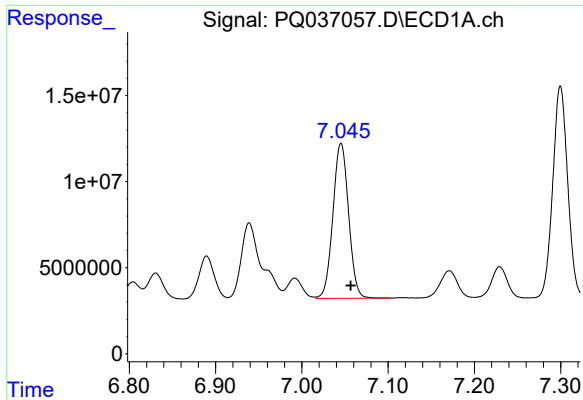
#30 AR-1254-5

R.T.: 7.587 min
Delta R.T.: -0.012 min
Response: 179895377
Conc: 330.80 ng/ml



#30 AR-1254-5

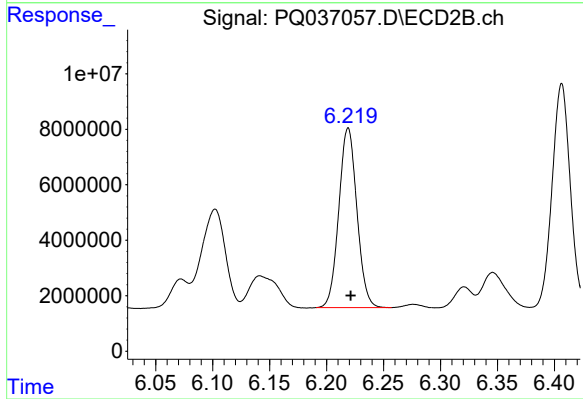
R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 105623782
Conc: 285.52 ng/ml



#31 AR-1260-1

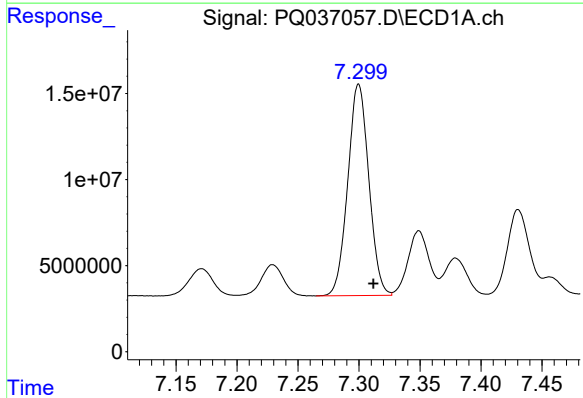
R.T.: 7.045 min
Delta R.T.: -0.011 min
Response: 113574763
Conc: 577.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



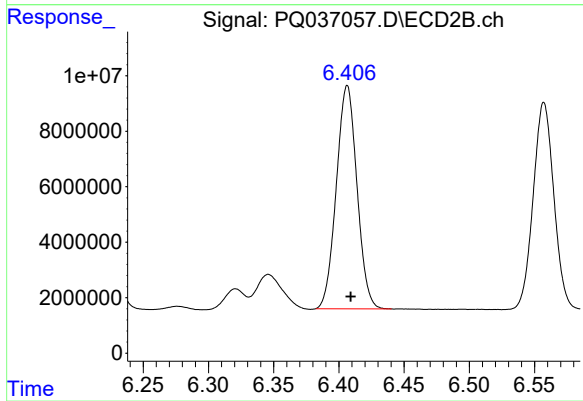
#31 AR-1260-1

R.T.: 6.219 min
Delta R.T.: -0.002 min
Response: 71487464
Conc: 641.06 ng/ml



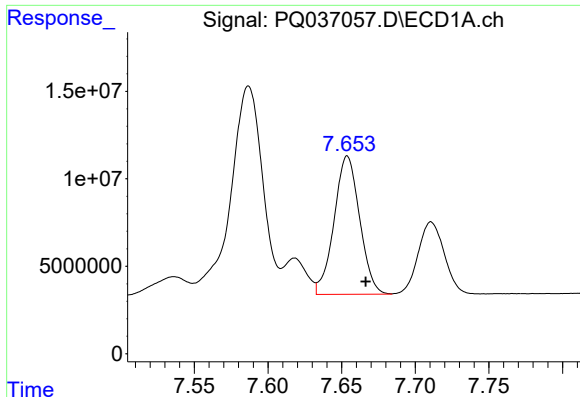
#32 AR-1260-2

R.T.: 7.300 min
Delta R.T.: -0.012 min
Response: 147465492
Conc: 584.05 ng/ml



#32 AR-1260-2

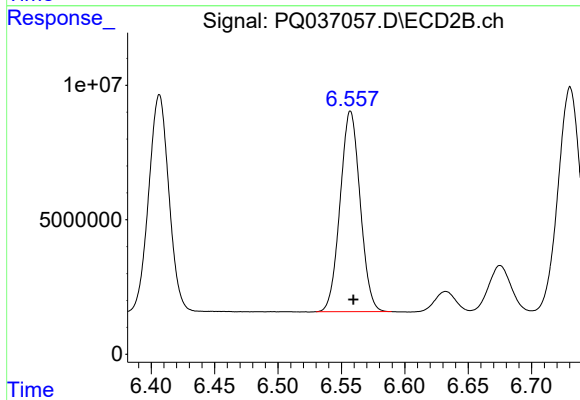
R.T.: 6.406 min
Delta R.T.: -0.003 min
Response: 88660953
Conc: 652.14 ng/ml



#33 AR-1260-3

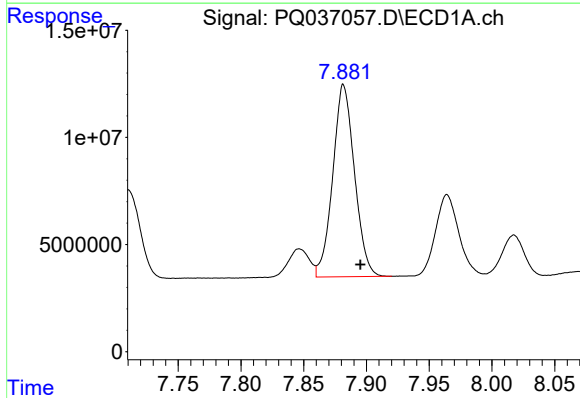
R.T.: 7.654 min
Delta R.T.: -0.013 min
Response: 95589803
Conc: 596.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



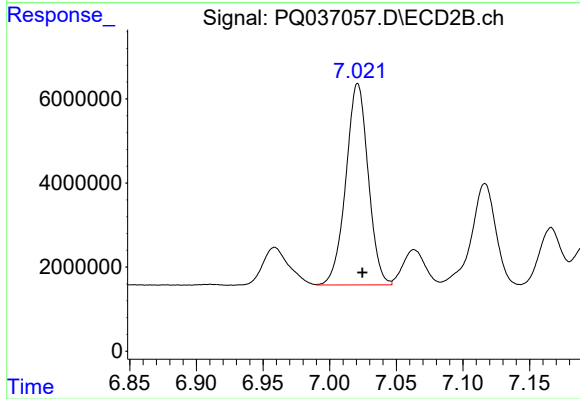
#33 AR-1260-3

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 81955621
Conc: 658.92 ng/ml



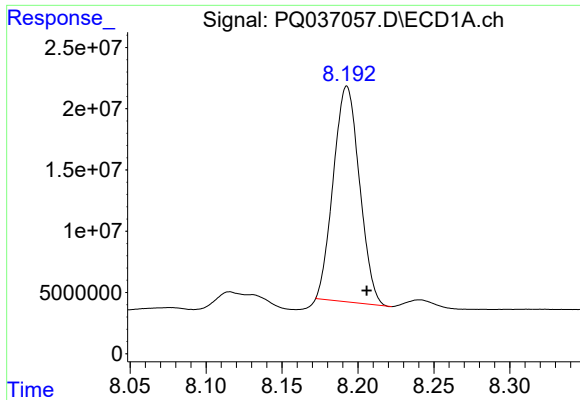
#34 AR-1260-4

R.T.: 7.882 min
Delta R.T.: -0.013 min
Response: 108088697
Conc: 596.13 ng/ml



#34 AR-1260-4

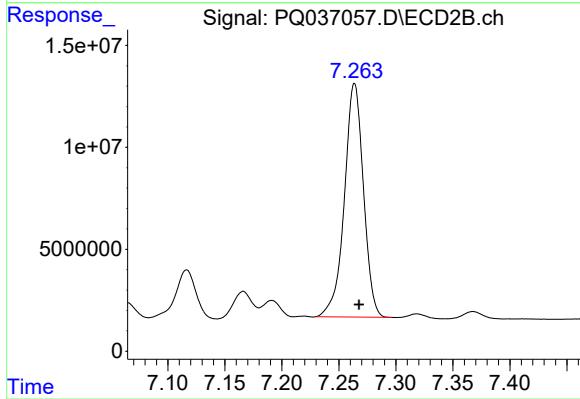
R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 55940887
Conc: 660.15 ng/ml



#35 AR-1260-5

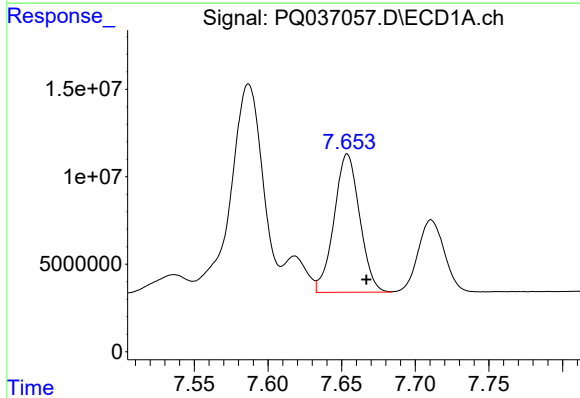
R.T.: 8.193 min
Delta R.T.: -0.013 min
Response: 210691501
Conc: 549.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



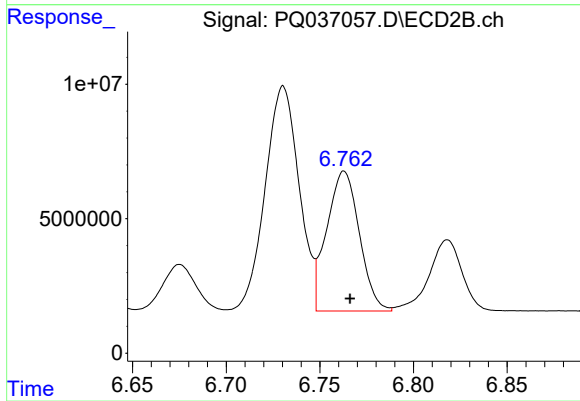
#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: -0.004 min
Response: 133529717
Conc: 645.84 ng/ml



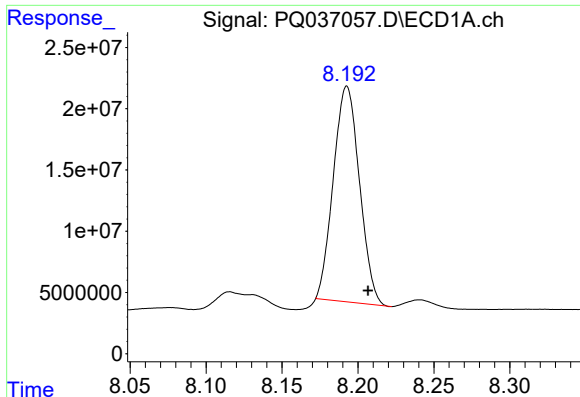
#36 AR-1262-1

R.T.: 7.654 min
Delta R.T.: -0.013 min
Response: 95589803
Conc: 323.31 ng/ml



#36 AR-1262-1

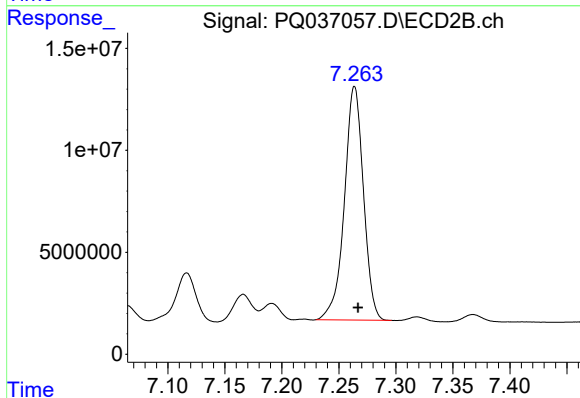
R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 62949003
Conc: 387.72 ng/ml



#37 AR-1262-2

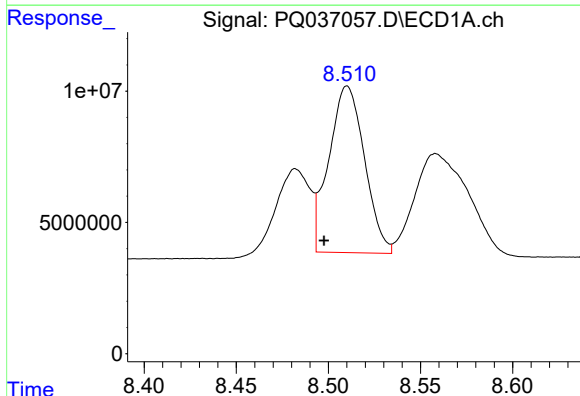
R.T.: 8.193 min
Delta R.T.: -0.014 min
Response: 210691501
Conc: 394.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



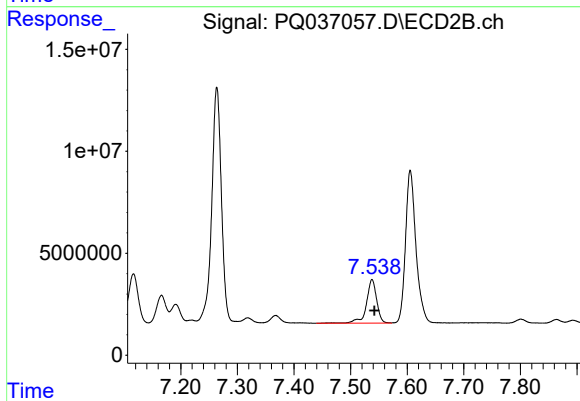
#37 AR-1262-2

R.T.: 7.264 min
Delta R.T.: -0.003 min
Response: 133529717
Conc: 463.52 ng/ml



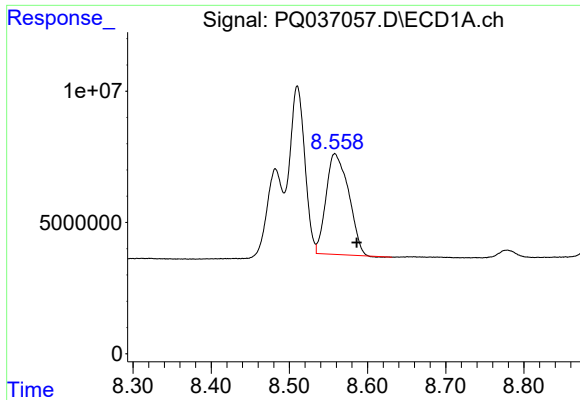
#38 AR-1262-3

R.T.: 8.510 min
Delta R.T.: 0.012 min
Response: 85529798
Conc: 370.60 ng/ml



#38 AR-1262-3

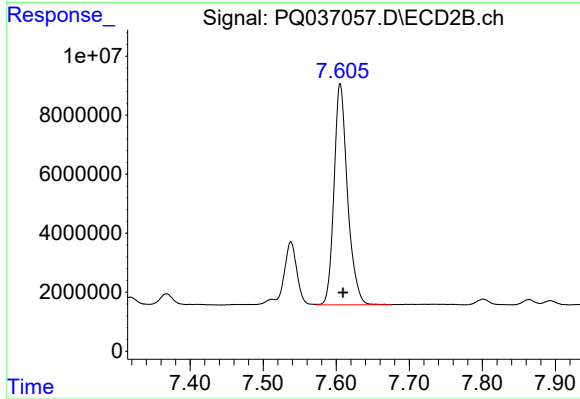
R.T.: 7.538 min
Delta R.T.: -0.004 min
Response: 27074947
Conc: 234.21 ng/ml



#39 AR-1262-4

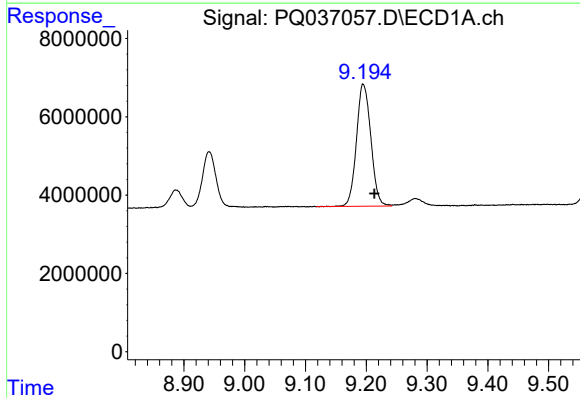
R.T.: 8.558 min
Delta R.T.: -0.028 min
Response: 77012768
Conc: 285.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



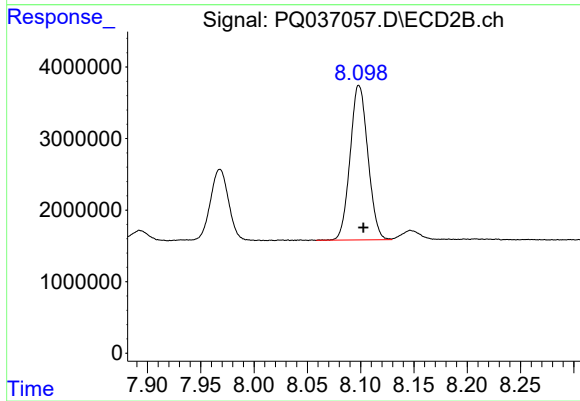
#39 AR-1262-4

R.T.: 7.606 min
Delta R.T.: -0.004 min
Response: 96035188
Conc: 459.10 ng/ml



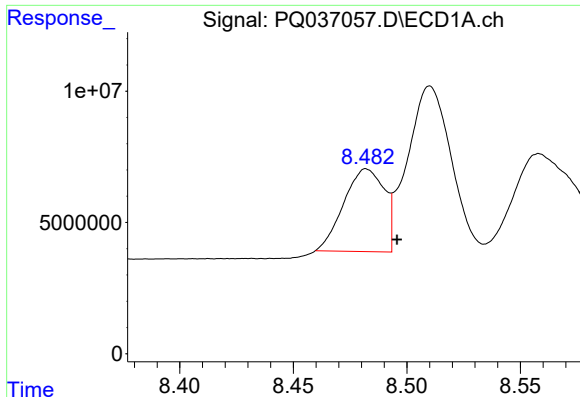
#40 AR-1262-5

R.T.: 9.195 min
Delta R.T.: -0.019 min
Response: 51231018
Conc: 271.95 ng/ml



#40 AR-1262-5

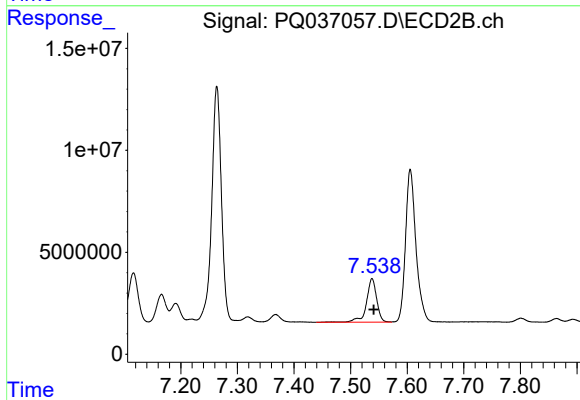
R.T.: 8.098 min
Delta R.T.: -0.004 min
Response: 25097175
Conc: 270.31 ng/ml



#41 AR-1268-1

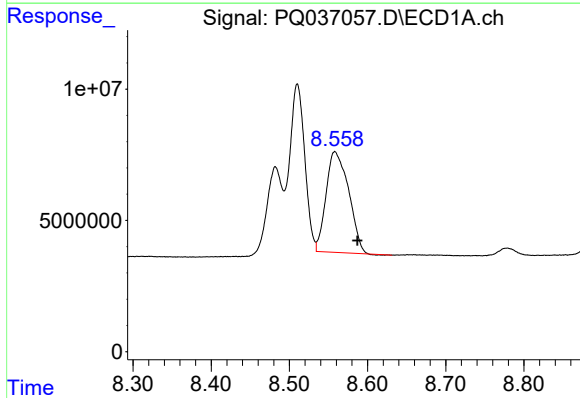
R.T.: 8.482 min
Delta R.T.: -0.013 min
Response: 38987597
Conc: 58.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



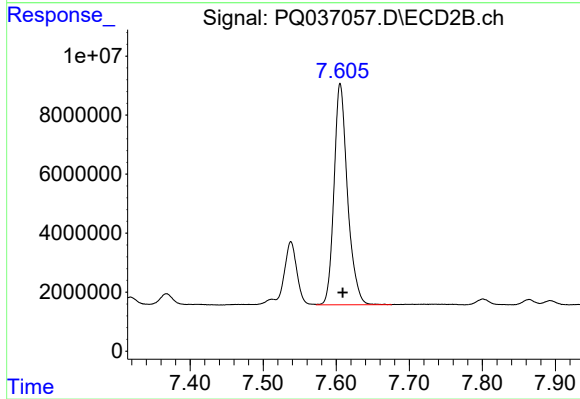
#41 AR-1268-1

R.T.: 7.538 min
Delta R.T.: -0.003 min
Response: 27074947
Conc: 79.65 ng/ml



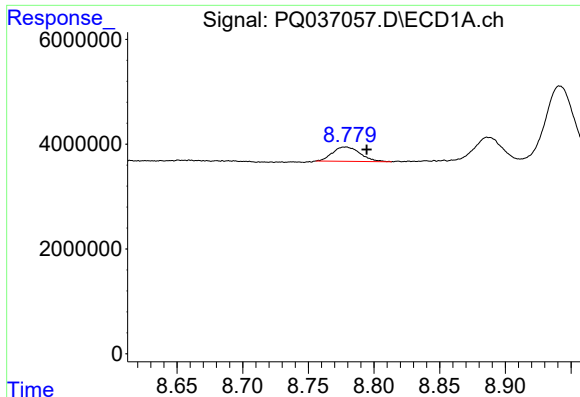
#42 AR-1268-2

R.T.: 8.558 min
Delta R.T.: -0.029 min
Response: 77012768
Conc: 124.04 ng/ml



#42 AR-1268-2

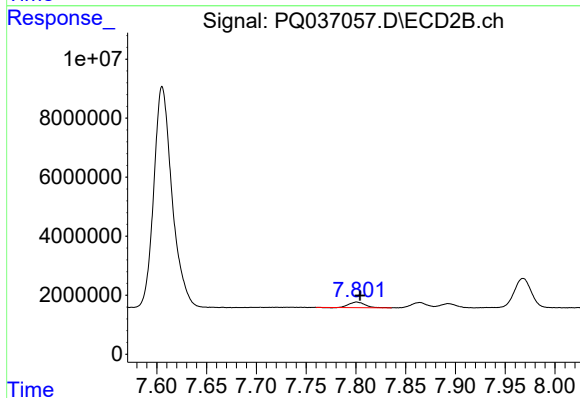
R.T.: 7.606 min
Delta R.T.: -0.003 min
Response: 96035188
Conc: 310.39 ng/ml



#43 AR-1268-3

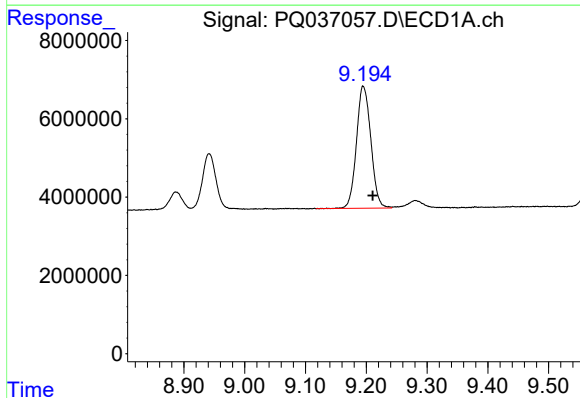
R.T.: 8.778 min
Delta R.T.: -0.016 min
Response: 3989173
Conc: 7.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



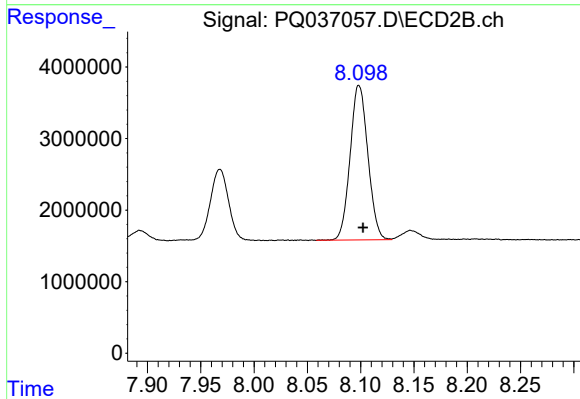
#43 AR-1268-3

R.T.: 7.801 min
Delta R.T.: -0.003 min
Response: 2105153
Conc: 8.23 ng/ml



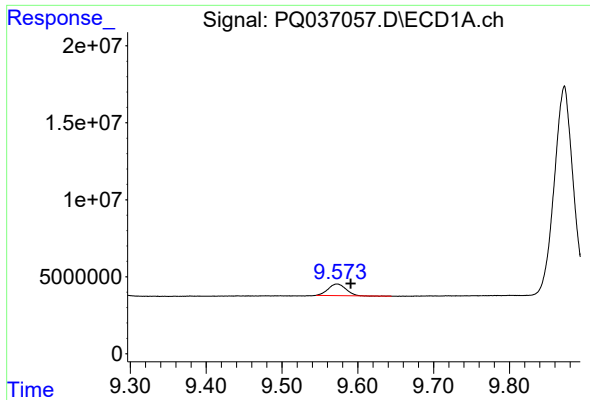
#44 AR-1268-4

R.T.: 9.195 min
Delta R.T.: -0.016 min
Response: 51231018
Conc: 247.44 ng/ml



#44 AR-1268-4

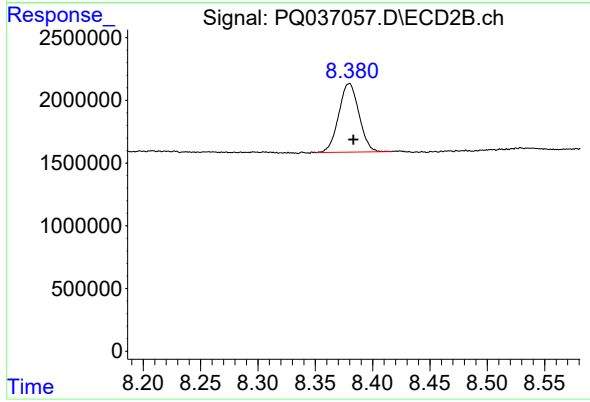
R.T.: 8.098 min
Delta R.T.: -0.004 min
Response: 25097175
Conc: 239.72 ng/ml



#45 AR-1268-5

R.T.: 9.573 min
Delta R.T.: -0.018 min
Response: 12237074
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: -0.004 min
Response: 6717697
Conc: 8.32 ng/ml