

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122718\
 Data File : PQ036030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2018 09:39
 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: Dec 28 03:48:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 24 12:28:48 2018
 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...	4.423	3.733	211.1E6	121.5E6	53.943	54.362
2)	SA Decachlor...	10.113	8.711	168.6E6	92118674	57.186	52.119
Target Compounds							
3)	L1 AR-1016-1	5.610	4.830	91898928	53647516	718.255	695.779
4)	L1 AR-1016-2	5.610	4.830	91898928	53647516	479.164	474.090
5)	L1 AR-1016-3	5.672	5.007	54139266	26458625	473.041	453.063
6)	L1 AR-1016-4	5.773	5.046	44398763	21639433	466.238	460.210
7)	L1 AR-1016-5	6.064	5.260	28529233	27409073	313.386	446.490 #
8)	L2 AR-1221-1	4.630	3.944	5946633	3202601	174.071	156.966
9)	L2 AR-1221-2	4.721	4.032	8492310	4764774	333.334	322.364
10)	L2 AR-1221-3	4.796	4.107	33578357	19113253	403.487	393.434
11)	L3 AR-1232-1	4.796	4.107	33578357	19113253	461.761	434.082
12)	L3 AR-1232-2	5.322	4.830	44383231	53647516	1151.671	1093.456
13)	L3 AR-1232-3	5.610	5.007	91898928	26458625	1123.879	1035.502
14)	L3 AR-1232-4	5.773	5.088	44398763	25841676	1108.793	1132.595
15)	L3 AR-1232-5	5.859	5.260	37742047	27409073	1191.783	1097.359
16)	L4 AR-1242-1	5.610	4.830	91898928	53647516	952.525	906.622
17)	L4 AR-1242-2	5.610	4.830	91898928	53647516	633.409	623.016
18)	L4 AR-1242-3	5.672	5.007	54139266	26458625	625.772	587.508
19)	L4 AR-1242-4	5.773	5.088	44398763	25841676	641.786	583.576
20)	L4 AR-1242-5	6.506	5.608	10859358	30239740	138.419	547.926 #
21)	L5 AR-1248-1	5.610	4.830	91898928	53647516	1392.284	1359.721
22)	L5 AR-1248-2	5.859	5.046	37742047	21639433	398.186	398.708
23)	L5 AR-1248-3	6.064	5.088	28529233	25841676	273.033	463.090 #
24)	L5 AR-1248-4	6.466	5.260	13039435	27409073	105.884	395.942 #
25)	L5 AR-1248-5	6.506	5.649	10859358	6744969	92.821	95.698
26)	L6 AR-1254-1	6.466	5.608	13039435	30239740	85.654	226.705 #
27)	L6 AR-1254-2	6.654	5.754	38494441	23610360	162.692	204.332 #
28)	L6 AR-1254-3	7.025	6.166	20969463	39145683	81.671	202.766 #
29)	L6 AR-1254-4	7.310	6.410	9405203	12941204	51.872	107.535 #
30)	L6 AR-1254-5	7.759	6.798	14183076	76534916	72.307	469.936 #
31)	L7 AR-1260-1	7.185	6.283	76832213	53481604	416.656	425.175
32)	L7 AR-1260-2	7.440	6.471	91862869	64082766	422.778	424.352
33)	L7 AR-1260-3	7.799	6.624	57263458	59183603	427.460	423.543
34)	L7 AR-1260-4	8.027	7.091	73037032	40320864	443.157	434.231
35)	L7 AR-1260-5	8.346	7.334	141.1E6	103.0E6	473.241	458.860
36)	L8 AR-1262-1	7.799	6.831	57263458	44645477	261.387	290.910
37)	L8 AR-1262-2	8.346	7.334	141.1E6	103.0E6	374.563	385.844
38)	L8 AR-1262-3	8.674	7.612	89234156	18202430	371.206	175.390 #
39)	L8 AR-1262-4	8.725	7.678	50595066	73216907	280.044	395.246 #
40)	L8 AR-1262-5	9.392	0.000	33781228	0	296.631	N.D. #
41)	L9 AR-1268-1	8.674	7.612	89234156	18202430	184.945	54.586 #

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

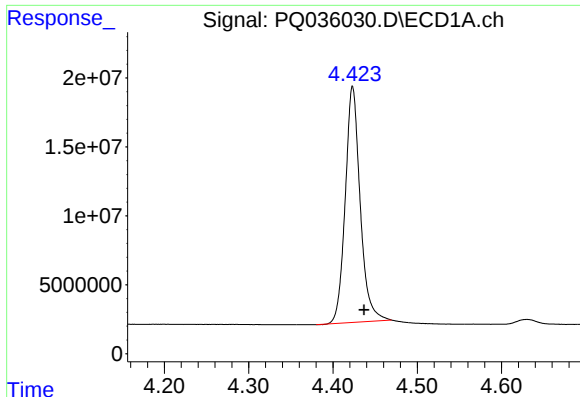
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 03:48:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
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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	8.725	7.678	50595066	73216907	117.265	247.057 #
43) L9	AR-1268-3	8.963	7.877	3748476	1747343	9.919	7.149 #
44) L9	AR-1268-4	9.392	0.000	33781228	0	246.413	N.D. #
45) L9	AR-1268-5	9.790	8.463	10541351	4230840	9.106	5.792 #

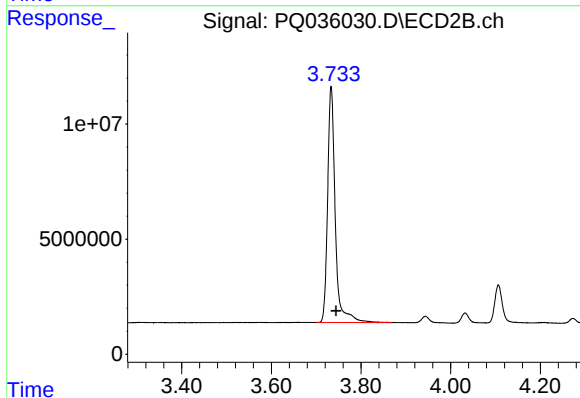
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

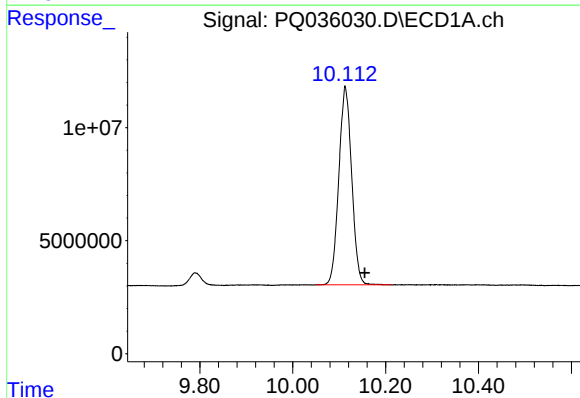
R.T.: 4.423 min
Delta R.T.: -0.014 min
Response: 211059155
Conc: 53.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



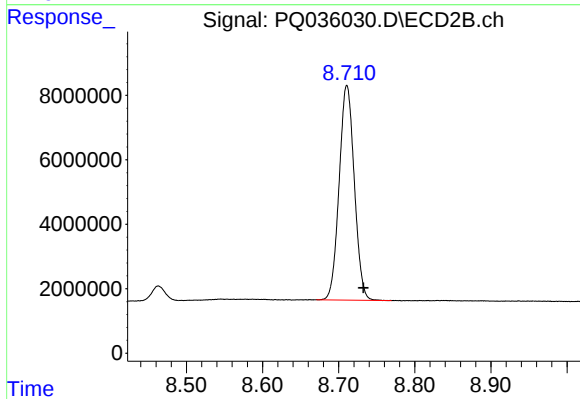
#1 Tetrachloro-m-xylene

R.T.: 3.733 min
Delta R.T.: -0.011 min
Response: 121465604
Conc: 54.36 ng/ml



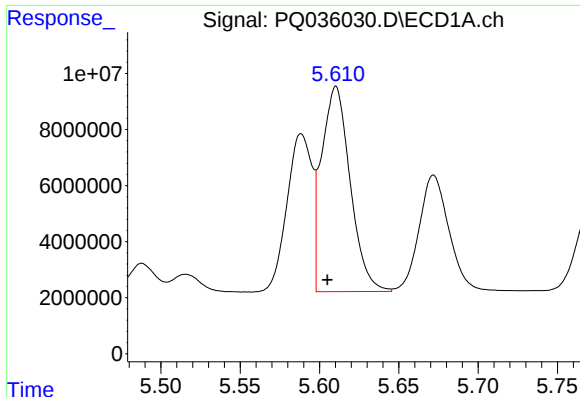
#2 Decachlorobiphenyl

R.T.: 10.113 min
Delta R.T.: -0.042 min
Response: 168561454
Conc: 57.19 ng/ml



#2 Decachlorobiphenyl

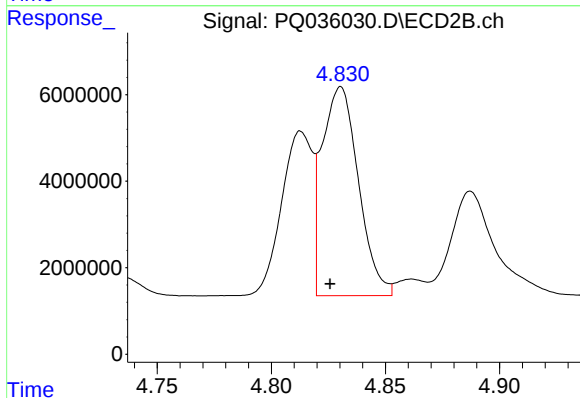
R.T.: 8.711 min
Delta R.T.: -0.022 min
Response: 92118674
Conc: 52.12 ng/ml



#3 AR-1016-1

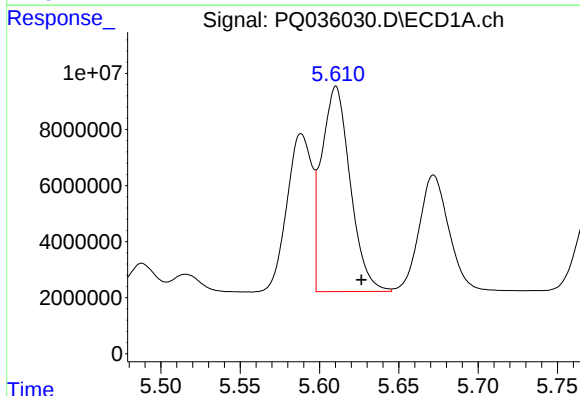
R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 91898928
Conc: 718.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



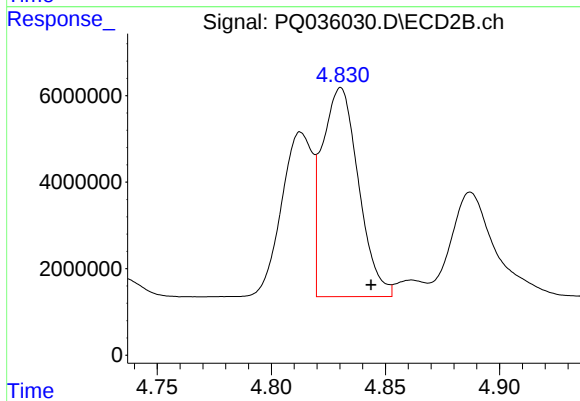
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: 0.005 min
Response: 53647516
Conc: 695.78 ng/ml



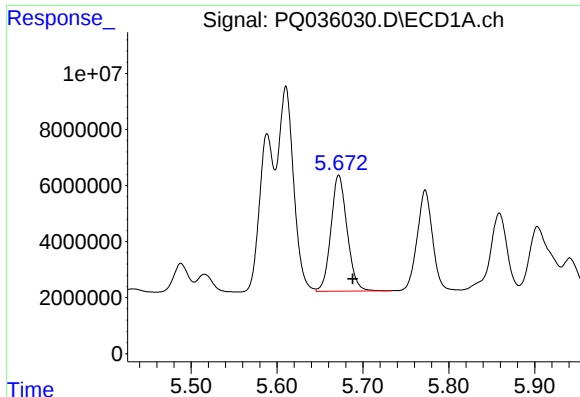
#4 AR-1016-2

R.T.: 5.610 min
Delta R.T.: -0.016 min
Response: 91898928
Conc: 479.16 ng/ml



#4 AR-1016-2

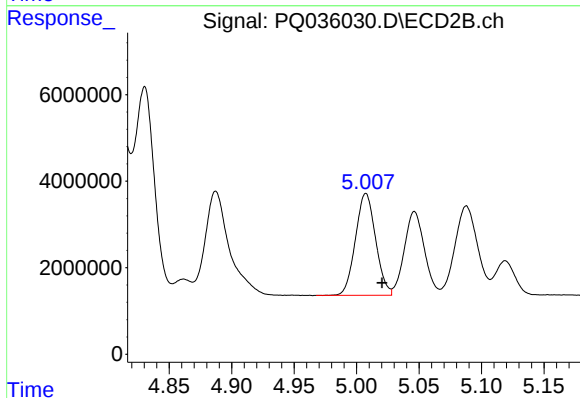
R.T.: 4.830 min
Delta R.T.: -0.013 min
Response: 53647516
Conc: 474.09 ng/ml



#5 AR-1016-3

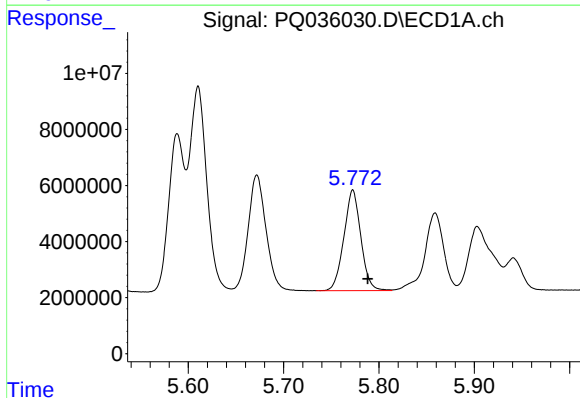
R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 54139266
Conc: 473.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



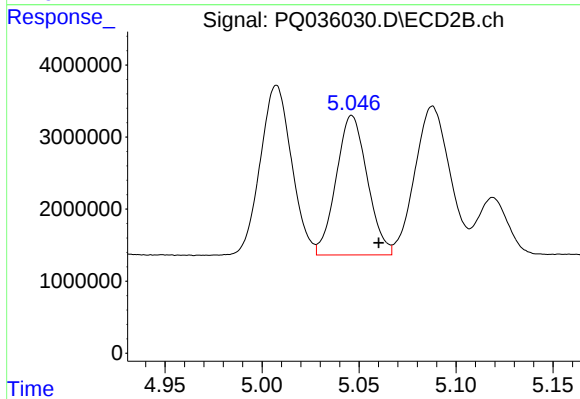
#5 AR-1016-3

R.T.: 5.007 min
Delta R.T.: -0.013 min
Response: 26458625
Conc: 453.06 ng/ml



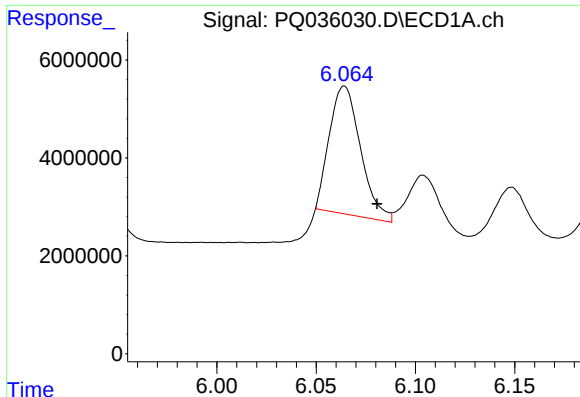
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: -0.016 min
Response: 44398763
Conc: 466.24 ng/ml



#6 AR-1016-4

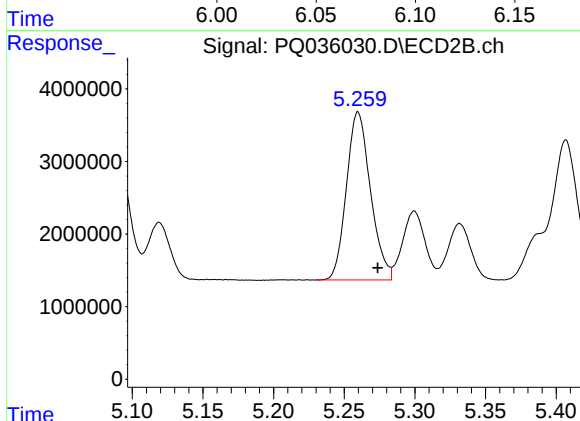
R.T.: 5.046 min
Delta R.T.: -0.014 min
Response: 21639433
Conc: 460.21 ng/ml



#7 AR-1016-5

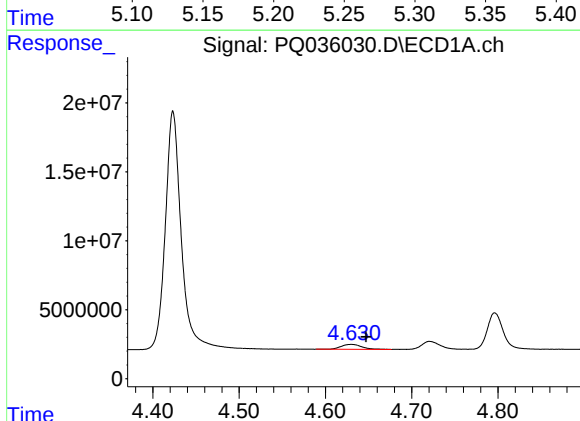
R.T.: 6.064 min
Delta R.T.: -0.016 min
Response: 28529233
Conc: 313.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



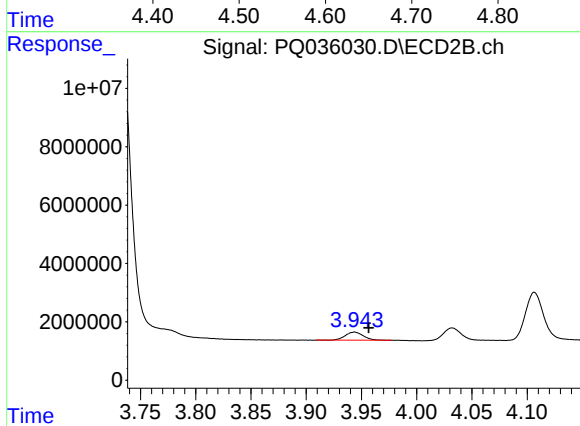
#7 AR-1016-5

R.T.: 5.260 min
Delta R.T.: -0.014 min
Response: 27409073
Conc: 446.49 ng/ml



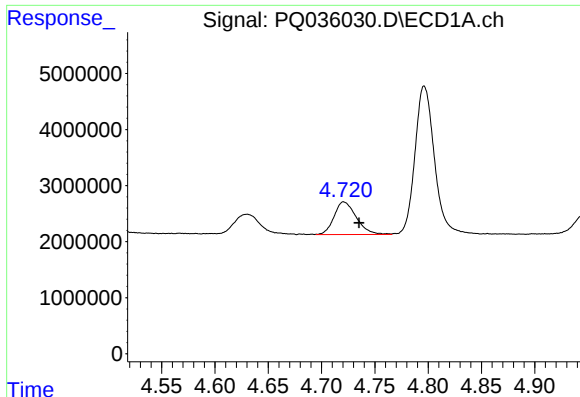
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.017 min
Response: 5946633
Conc: 174.07 ng/ml



#8 AR-1221-1

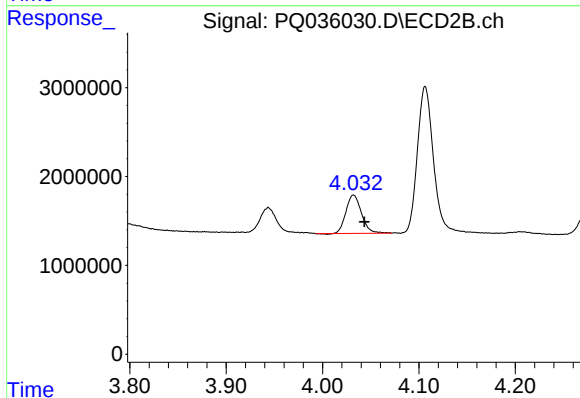
R.T.: 3.944 min
Delta R.T.: -0.013 min
Response: 3202601
Conc: 156.97 ng/ml



#9 AR-1221-2

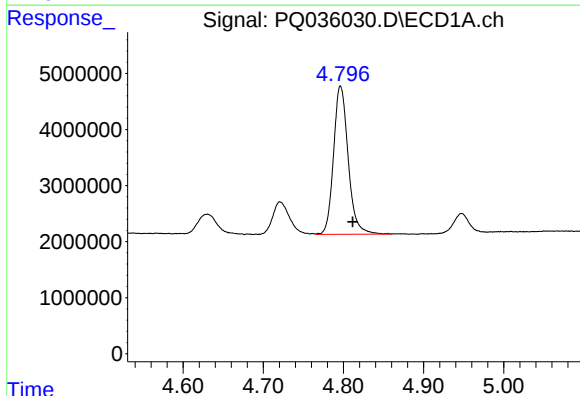
R.T.: 4.721 min
Delta R.T.: -0.014 min
Response: 8492310
Conc: 333.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



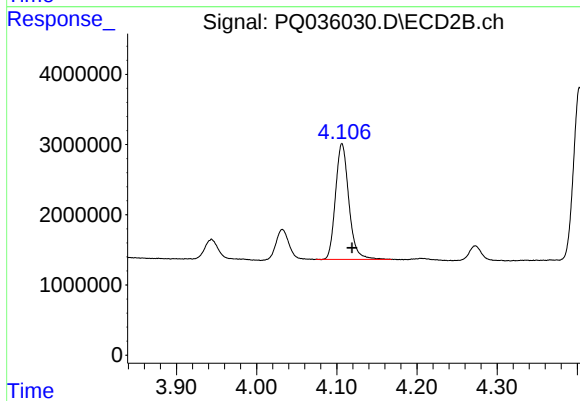
#9 AR-1221-2

R.T.: 4.032 min
Delta R.T.: -0.011 min
Response: 4764774
Conc: 322.36 ng/ml



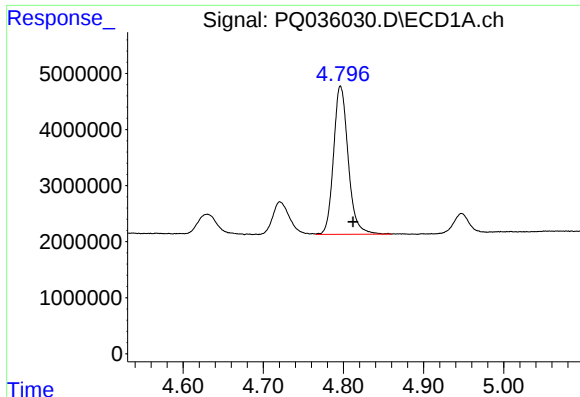
#10 AR-1221-3

R.T.: 4.796 min
Delta R.T.: -0.015 min
Response: 33578357
Conc: 403.49 ng/ml



#10 AR-1221-3

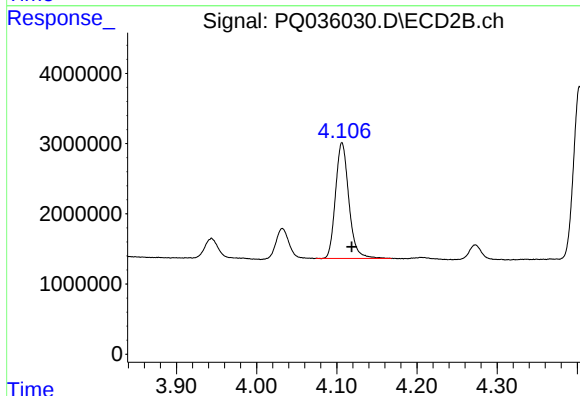
R.T.: 4.107 min
Delta R.T.: -0.012 min
Response: 19113253
Conc: 393.43 ng/ml



#11 AR-1232-1

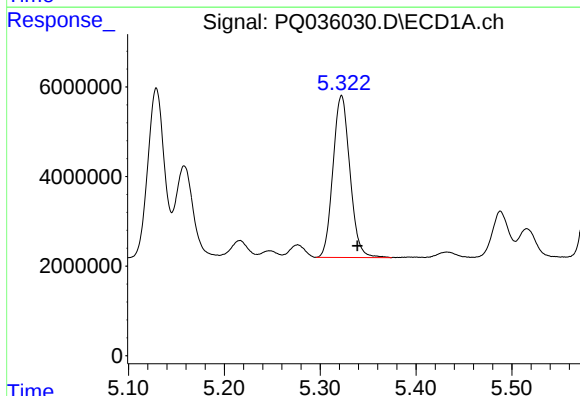
R.T.: 4.796 min
Delta R.T.: -0.016 min
Response: 33578357
Conc: 461.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



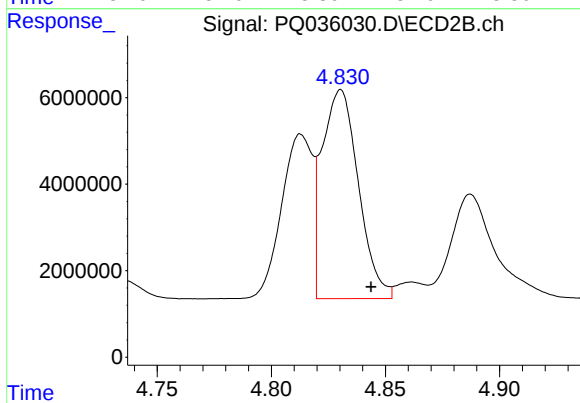
#11 AR-1232-1

R.T.: 4.107 min
Delta R.T.: -0.012 min
Response: 19113253
Conc: 434.08 ng/ml



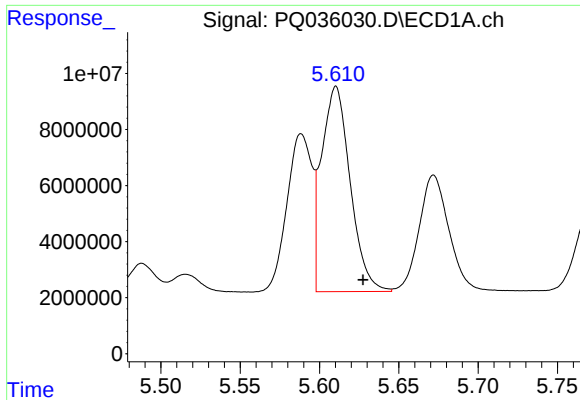
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.017 min
Response: 44383231
Conc: 1151.67 ng/ml



#12 AR-1232-2

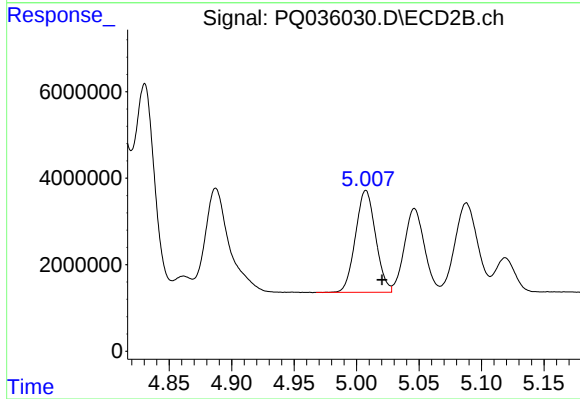
R.T.: 4.830 min
Delta R.T.: -0.013 min
Response: 53647516
Conc: 1093.46 ng/ml



#13 AR-1232-3

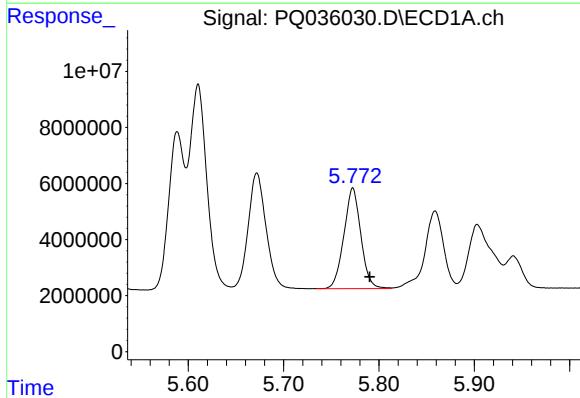
R.T.: 5.610 min
Delta R.T.: -0.017 min
Response: 91898928
Conc: 1123.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



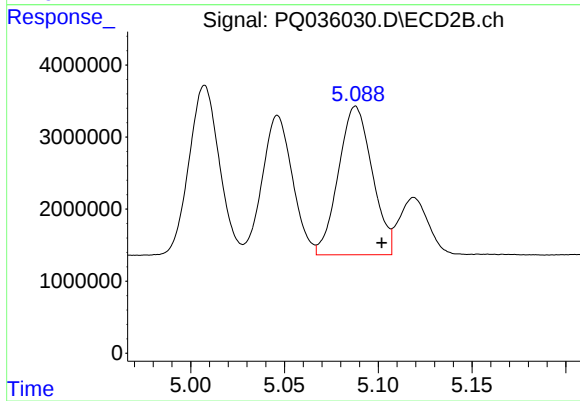
#13 AR-1232-3

R.T.: 5.007 min
Delta R.T.: -0.013 min
Response: 26458625
Conc: 1035.50 ng/ml



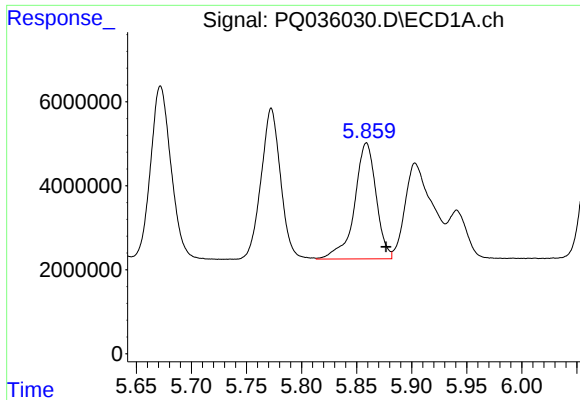
#14 AR-1232-4

R.T.: 5.773 min
Delta R.T.: -0.018 min
Response: 44398763
Conc: 1108.79 ng/ml



#14 AR-1232-4

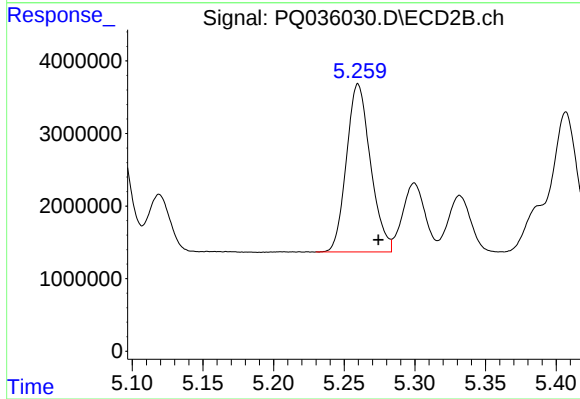
R.T.: 5.088 min
Delta R.T.: -0.014 min
Response: 25841676
Conc: 1132.60 ng/ml



#15 AR-1232-5

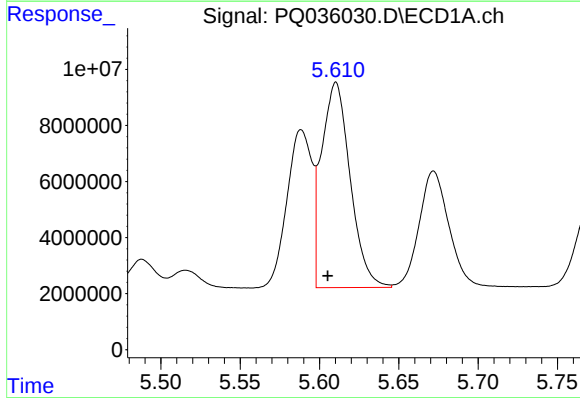
R.T.: 5.859 min
Delta R.T.: -0.018 min
Response: 37742047
Conc: 1191.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



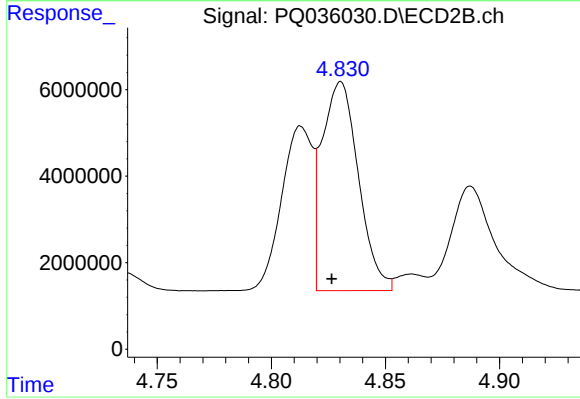
#15 AR-1232-5

R.T.: 5.260 min
Delta R.T.: -0.014 min
Response: 27409073
Conc: 1097.36 ng/ml



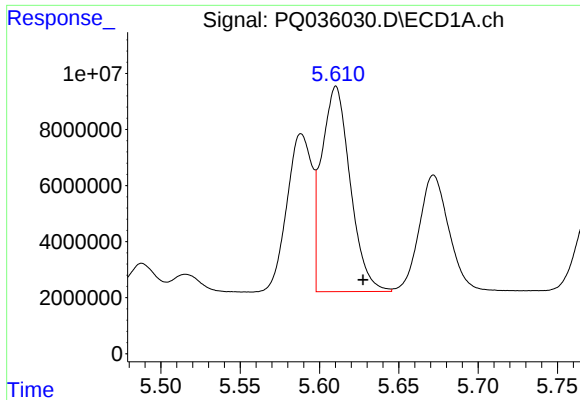
#16 AR-1242-1

R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 91898928
Conc: 952.53 ng/ml



#16 AR-1242-1

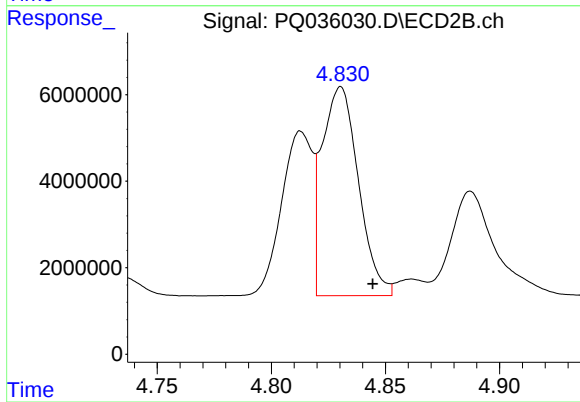
R.T.: 4.830 min
Delta R.T.: 0.004 min
Response: 53647516
Conc: 906.62 ng/ml



#17 AR-1242-2

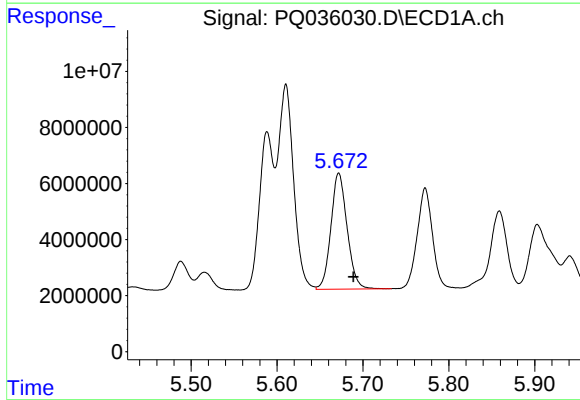
R.T.: 5.610 min
Delta R.T.: -0.017 min
Response: 91898928
Conc: 633.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



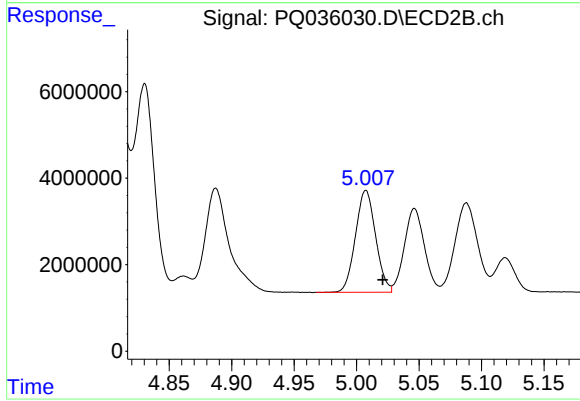
#17 AR-1242-2

R.T.: 4.830 min
Delta R.T.: -0.014 min
Response: 53647516
Conc: 623.02 ng/ml



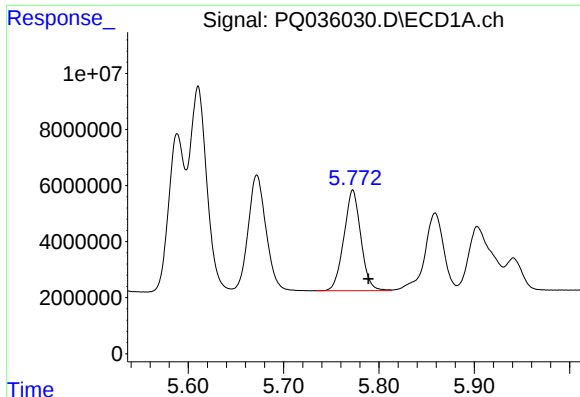
#18 AR-1242-3

R.T.: 5.672 min
Delta R.T.: -0.017 min
Response: 54139266
Conc: 625.77 ng/ml



#18 AR-1242-3

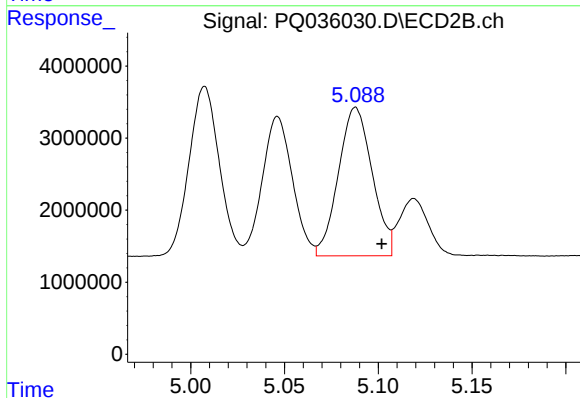
R.T.: 5.007 min
Delta R.T.: -0.013 min
Response: 26458625
Conc: 587.51 ng/ml



#19 AR-1242-4

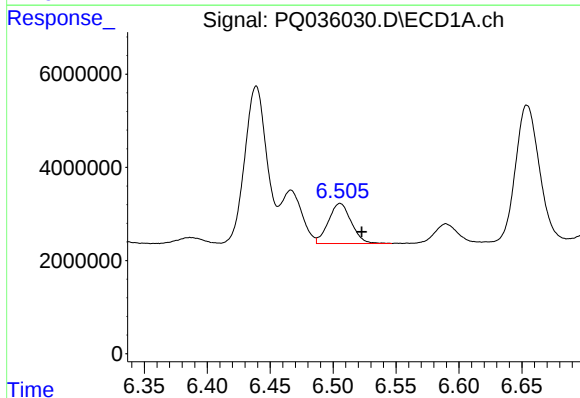
R.T.: 5.773 min
Delta R.T.: -0.016 min
Response: 44398763
Conc: 641.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



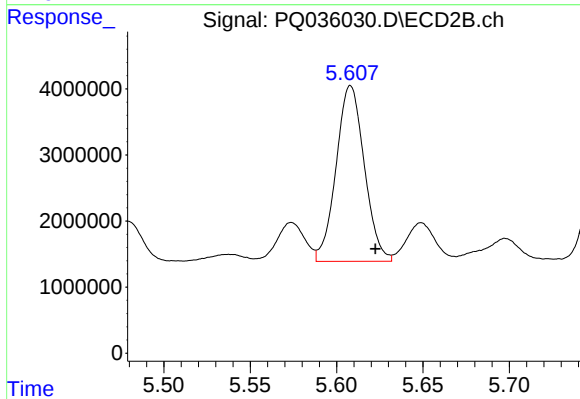
#19 AR-1242-4

R.T.: 5.088 min
Delta R.T.: -0.014 min
Response: 25841676
Conc: 583.58 ng/ml



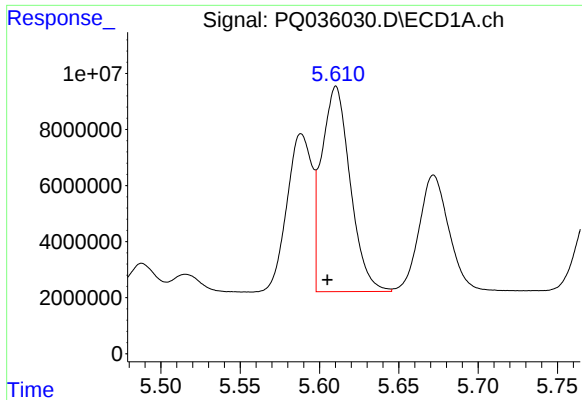
#20 AR-1242-5

R.T.: 6.506 min
Delta R.T.: -0.017 min
Response: 10859358
Conc: 138.42 ng/ml



#20 AR-1242-5

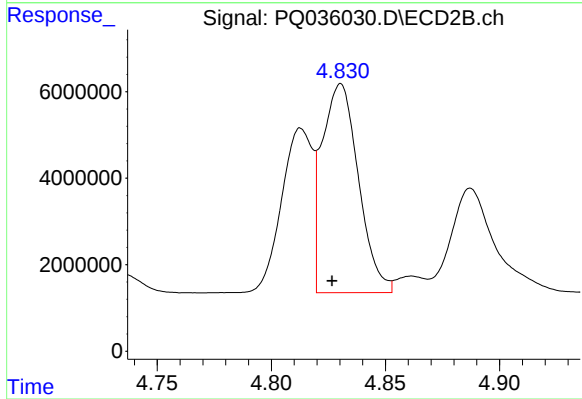
R.T.: 5.608 min
Delta R.T.: -0.014 min
Response: 30239740
Conc: 547.93 ng/ml



#21 AR-1248-1

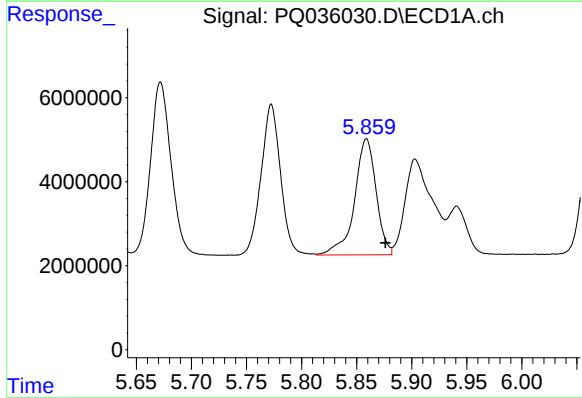
R.T.: 5.610 min
Delta R.T.: 0.005 min
Response: 91898928
Conc: 1392.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



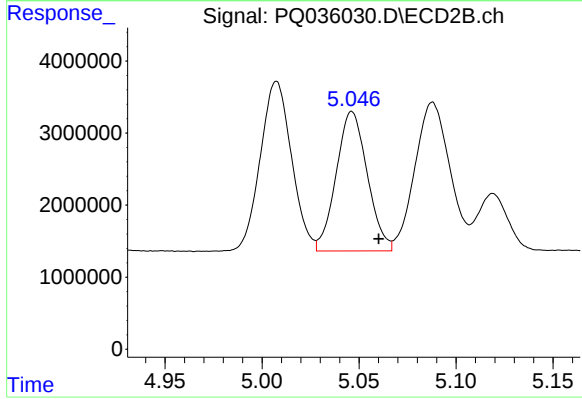
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: 0.004 min
Response: 53647516
Conc: 1359.72 ng/ml



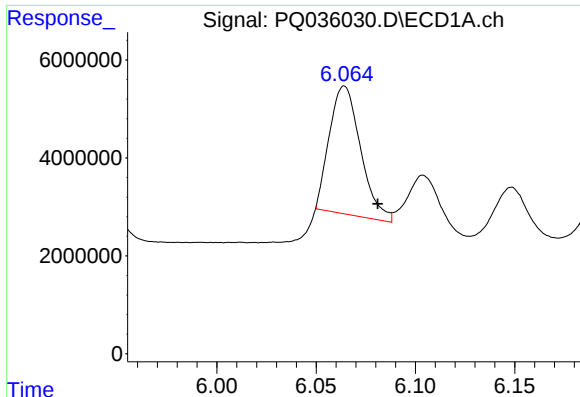
#22 AR-1248-2

R.T.: 5.859 min
Delta R.T.: -0.017 min
Response: 37742047
Conc: 398.19 ng/ml



#22 AR-1248-2

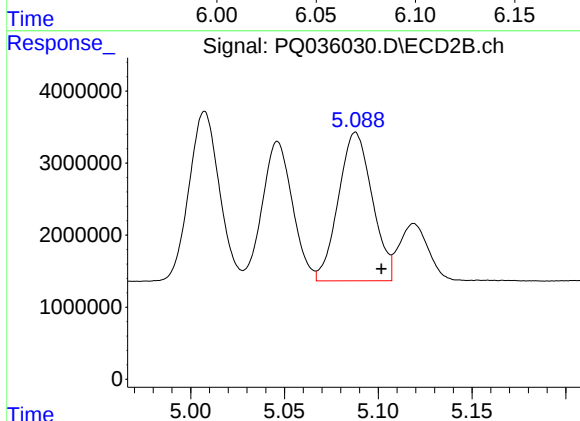
R.T.: 5.046 min
Delta R.T.: -0.014 min
Response: 21639433
Conc: 398.71 ng/ml



#23 AR-1248-3

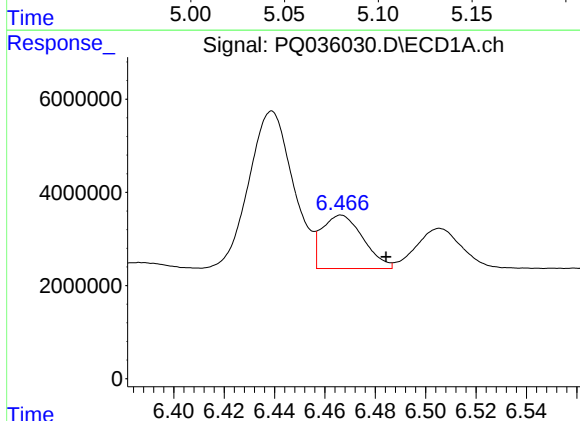
R.T.: 6.064 min
Delta R.T.: -0.017 min
Response: 28529233
Conc: 273.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



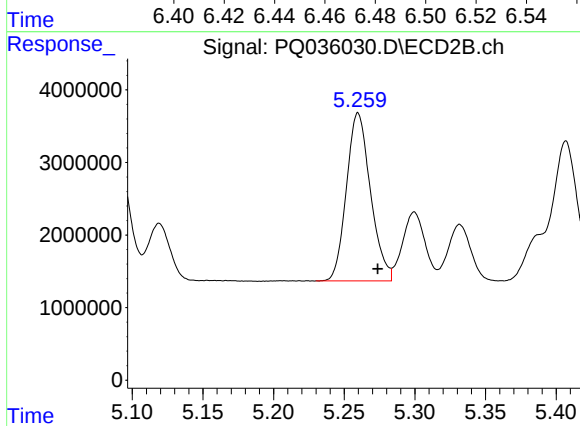
#23 AR-1248-3

R.T.: 5.088 min
Delta R.T.: -0.014 min
Response: 25841676
Conc: 463.09 ng/ml



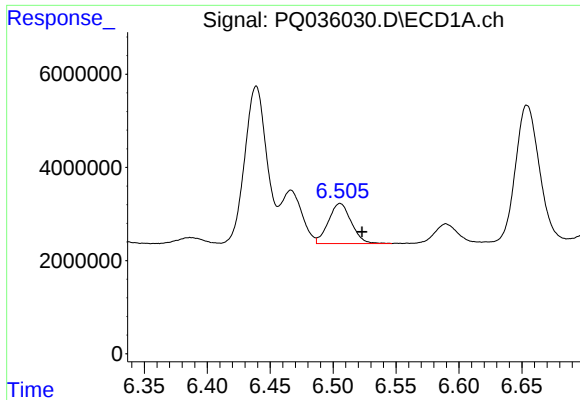
#24 AR-1248-4

R.T.: 6.466 min
Delta R.T.: -0.018 min
Response: 13039435
Conc: 105.88 ng/ml



#24 AR-1248-4

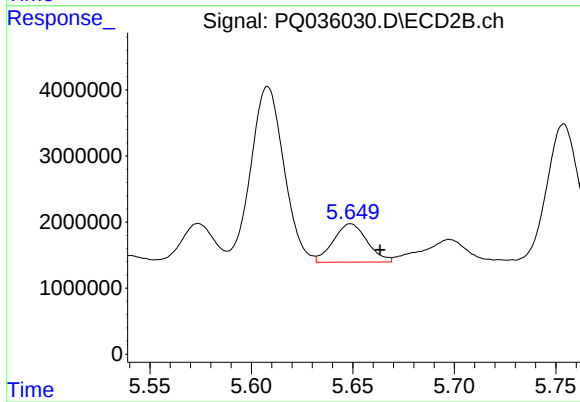
R.T.: 5.260 min
Delta R.T.: -0.014 min
Response: 27409073
Conc: 395.94 ng/ml



#25 AR-1248-5

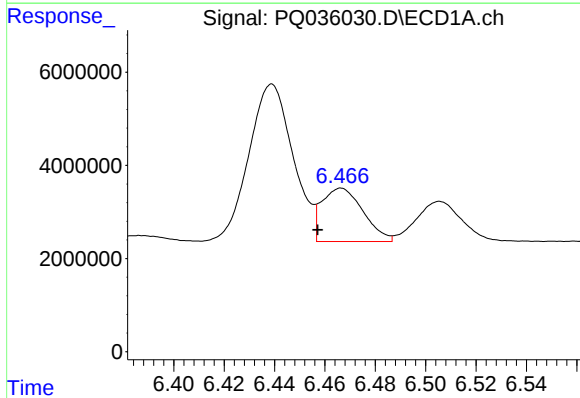
R.T.: 6.506 min
Delta R.T.: -0.018 min
Response: 10859358
Conc: 92.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



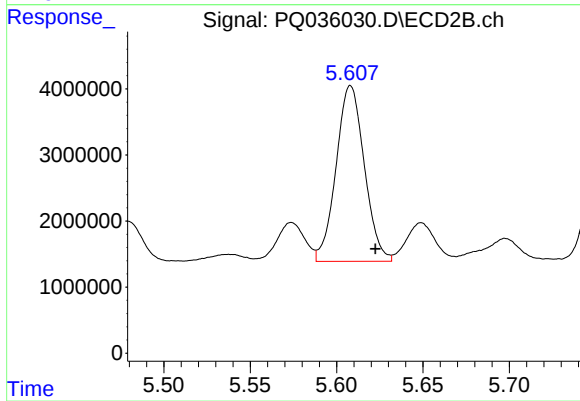
#25 AR-1248-5

R.T.: 5.649 min
Delta R.T.: -0.014 min
Response: 6744969
Conc: 95.70 ng/ml



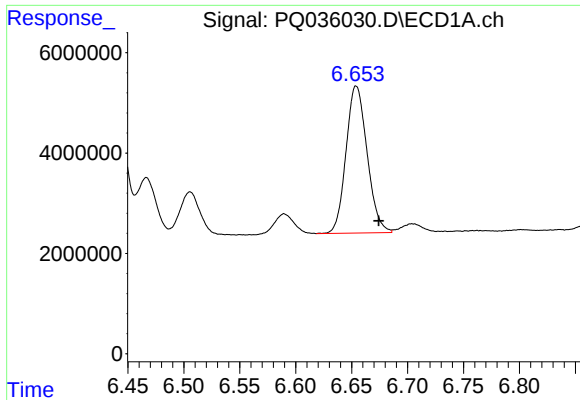
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.009 min
Response: 13039435
Conc: 85.65 ng/ml



#26 AR-1254-1

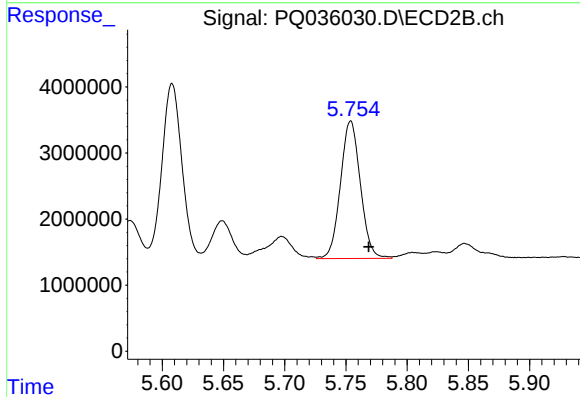
R.T.: 5.608 min
Delta R.T.: -0.014 min
Response: 30239740
Conc: 226.70 ng/ml



#27 AR-1254-2

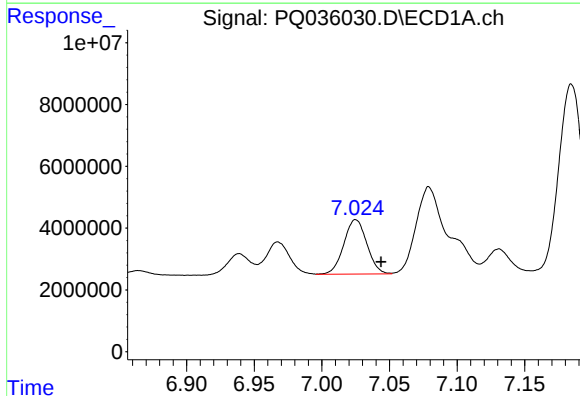
R.T.: 6.654 min
Delta R.T.: -0.020 min
Response: 38494441
Conc: 162.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



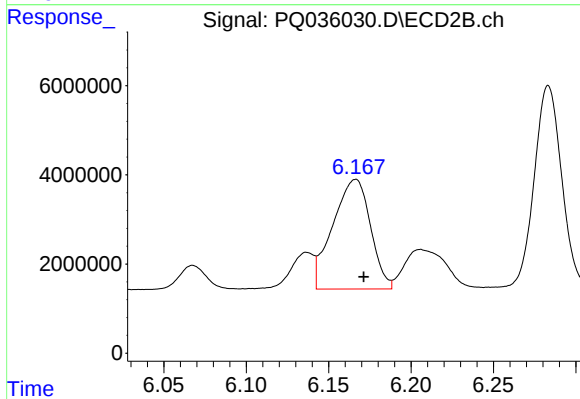
#27 AR-1254-2

R.T.: 5.754 min
Delta R.T.: -0.015 min
Response: 23610360
Conc: 204.33 ng/ml



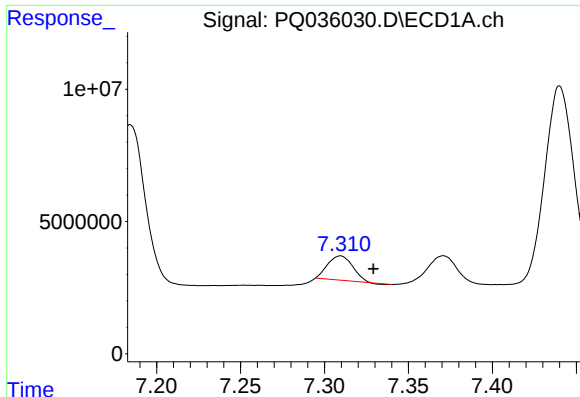
#28 AR-1254-3

R.T.: 7.025 min
Delta R.T.: -0.019 min
Response: 20969463
Conc: 81.67 ng/ml



#28 AR-1254-3

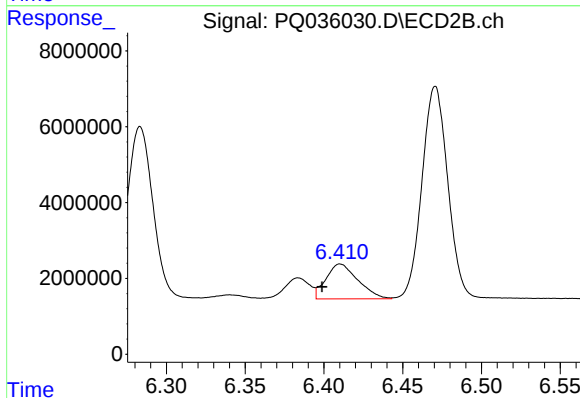
R.T.: 6.166 min
Delta R.T.: -0.005 min
Response: 39145683
Conc: 202.77 ng/ml



#29 AR-1254-4

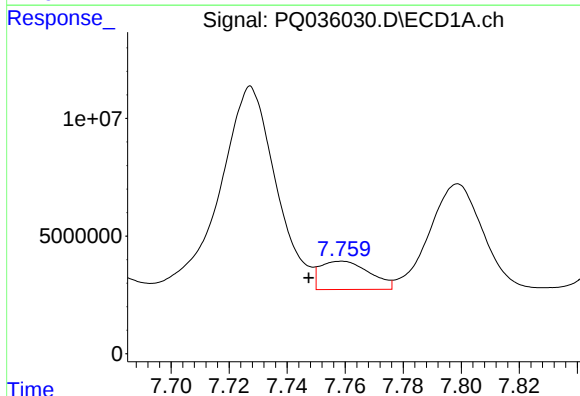
R.T.: 7.310 min
Delta R.T.: -0.020 min
Response: 9405203
Conc: 51.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



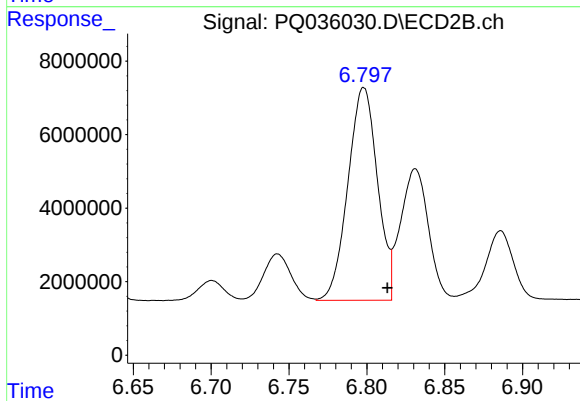
#29 AR-1254-4

R.T.: 6.410 min
Delta R.T.: 0.012 min
Response: 12941204
Conc: 107.54 ng/ml



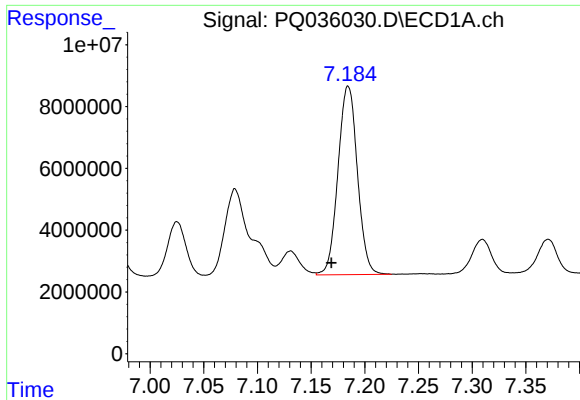
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: 0.011 min
Response: 14183076
Conc: 72.31 ng/ml



#30 AR-1254-5

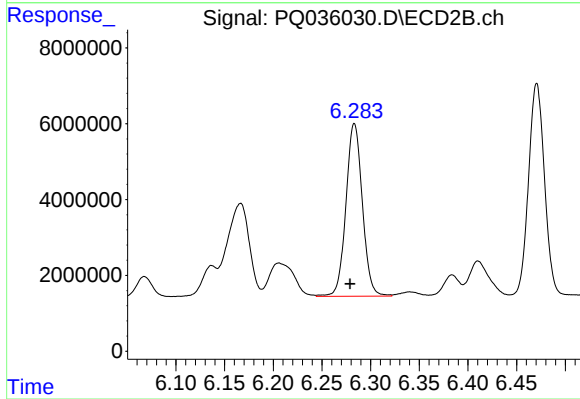
R.T.: 6.798 min
Delta R.T.: -0.015 min
Response: 76534916
Conc: 469.94 ng/ml



#31 AR-1260-1

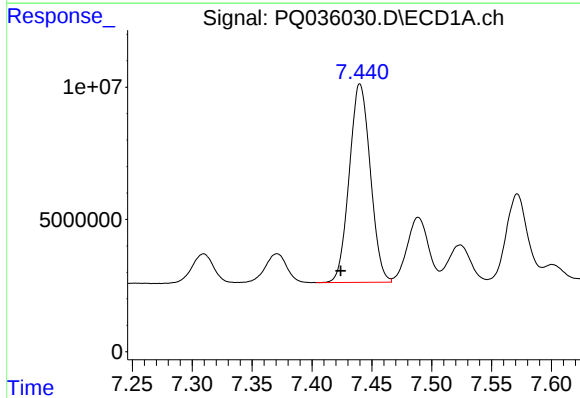
R.T.: 7.185 min
Delta R.T.: 0.016 min
Response: 76832213
Conc: 416.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



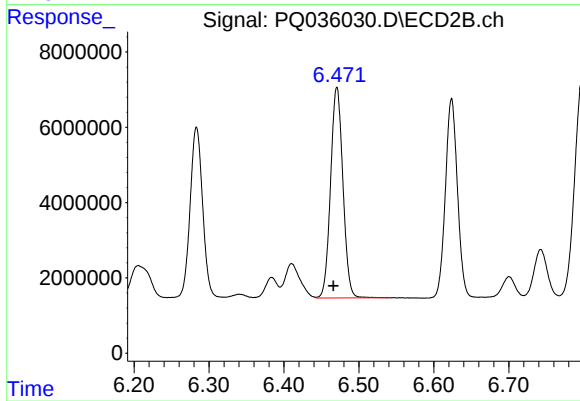
#31 AR-1260-1

R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 53481604
Conc: 425.17 ng/ml



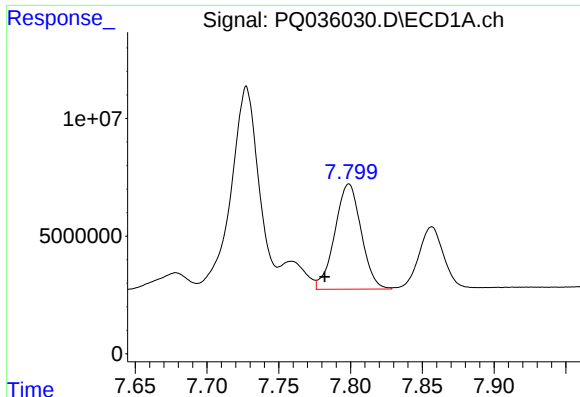
#32 AR-1260-2

R.T.: 7.440 min
Delta R.T.: 0.016 min
Response: 91862869
Conc: 422.78 ng/ml



#32 AR-1260-2

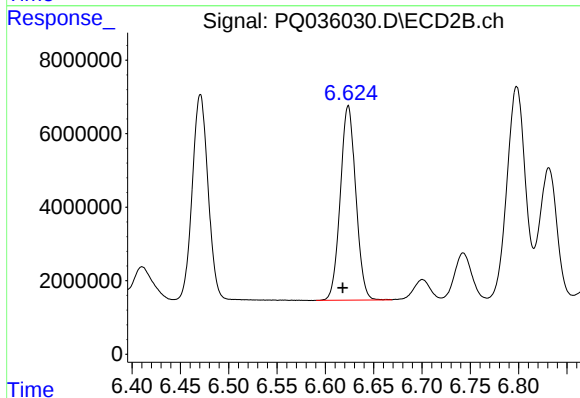
R.T.: 6.471 min
Delta R.T.: 0.005 min
Response: 64082766
Conc: 424.35 ng/ml



#33 AR-1260-3

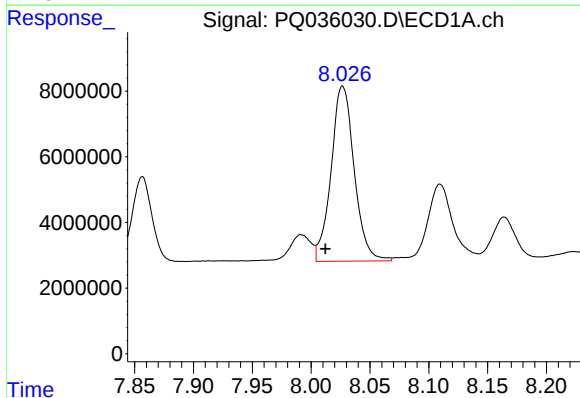
R.T.: 7.799 min
Delta R.T.: 0.017 min
Response: 57263458
Conc: 427.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



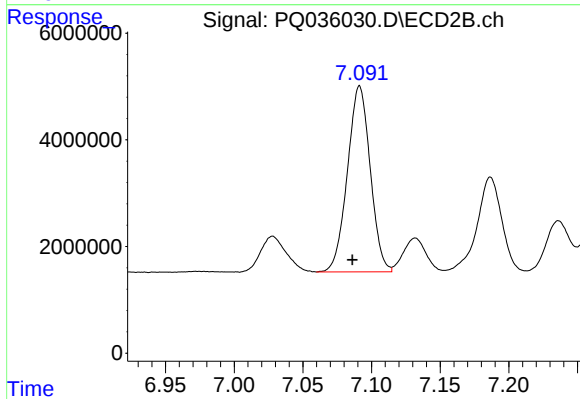
#33 AR-1260-3

R.T.: 6.624 min
Delta R.T.: 0.006 min
Response: 59183603
Conc: 423.54 ng/ml



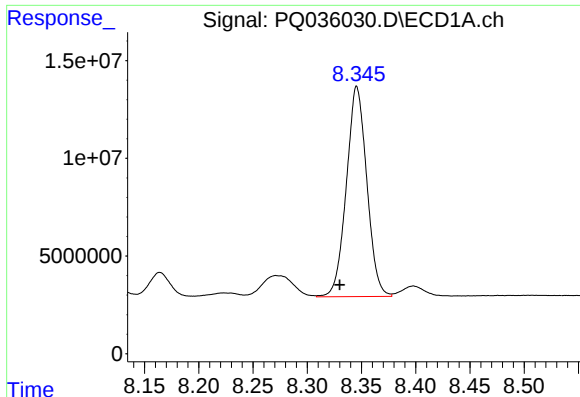
#34 AR-1260-4

R.T.: 8.027 min
Delta R.T.: 0.015 min
Response: 73037032
Conc: 443.16 ng/ml



#34 AR-1260-4

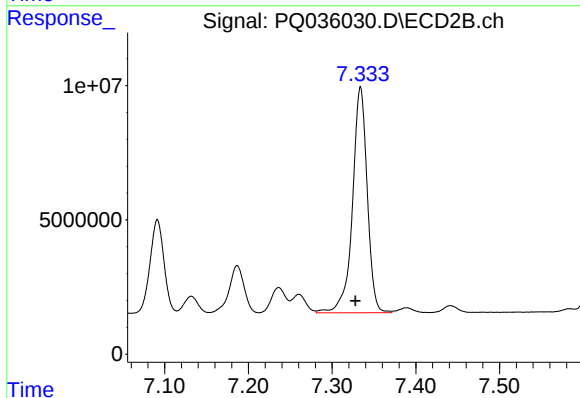
R.T.: 7.091 min
Delta R.T.: 0.005 min
Response: 40320864
Conc: 434.23 ng/ml



#35 AR-1260-5

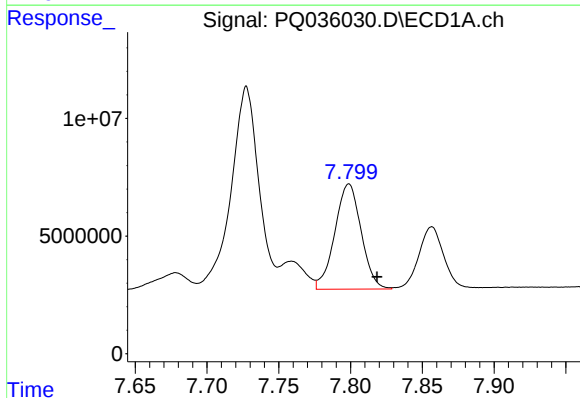
R.T.: 8.346 min
Delta R.T.: 0.016 min
Response: 141104847
Conc: 473.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



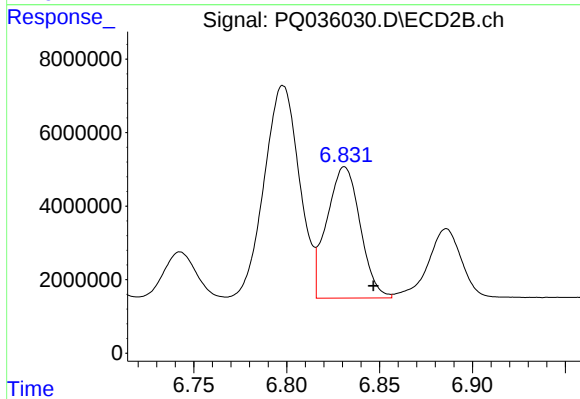
#35 AR-1260-5

R.T.: 7.334 min
Delta R.T.: 0.006 min
Response: 102966974
Conc: 458.86 ng/ml



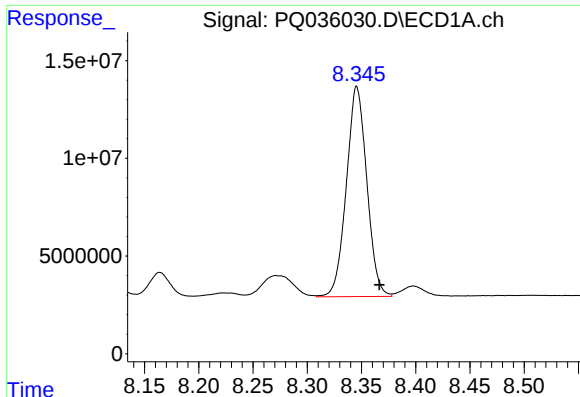
#36 AR-1262-1

R.T.: 7.799 min
Delta R.T.: -0.020 min
Response: 57263458
Conc: 261.39 ng/ml



#36 AR-1262-1

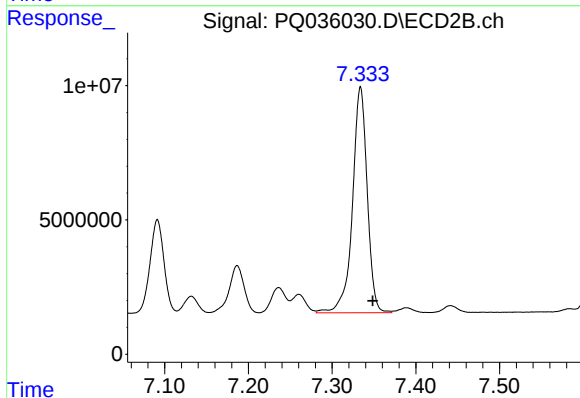
R.T.: 6.831 min
Delta R.T.: -0.015 min
Response: 44645477
Conc: 290.91 ng/ml



#37 AR-1262-2

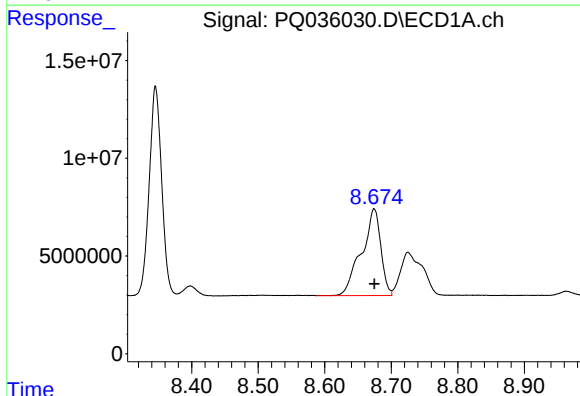
R.T.: 8.346 min
Delta R.T.: -0.021 min
Response: 141104847
Conc: 374.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



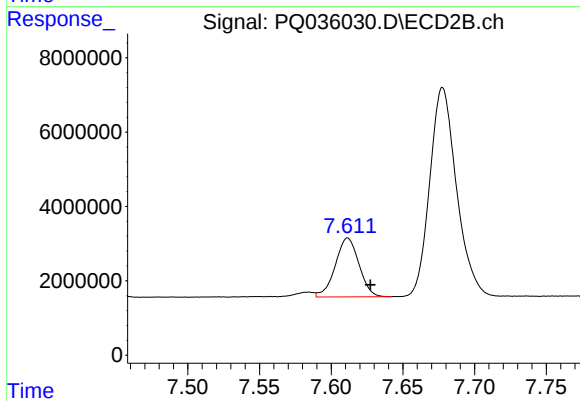
#37 AR-1262-2

R.T.: 7.334 min
Delta R.T.: -0.014 min
Response: 102966974
Conc: 385.84 ng/ml



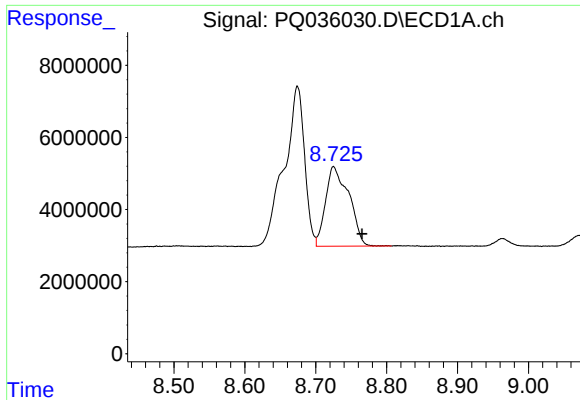
#38 AR-1262-3

R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 89234156
Conc: 371.21 ng/ml



#38 AR-1262-3

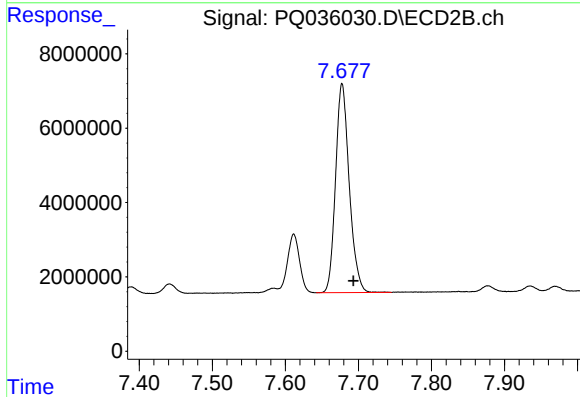
R.T.: 7.612 min
Delta R.T.: -0.016 min
Response: 18202430
Conc: 175.39 ng/ml



#39 AR-1262-4

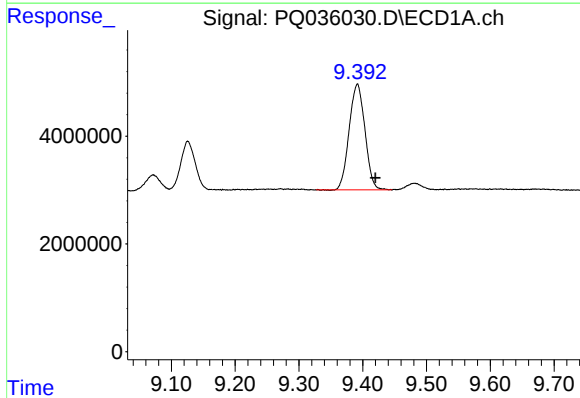
R.T.: 8.725 min
Delta R.T.: -0.040 min
Response: 50595066
Conc: 280.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



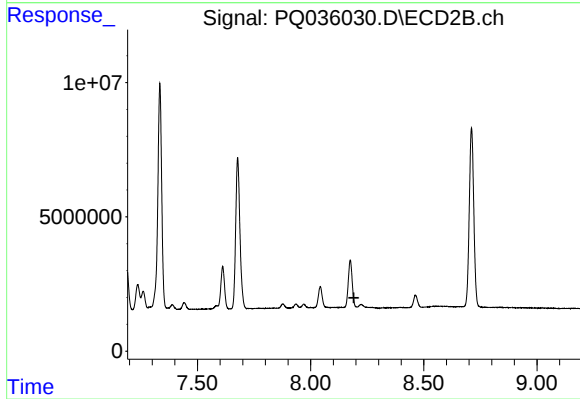
#39 AR-1262-4

R.T.: 7.678 min
Delta R.T.: -0.016 min
Response: 73216907
Conc: 395.25 ng/ml



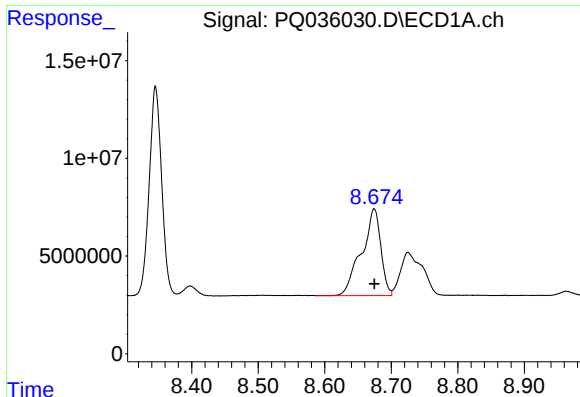
#40 AR-1262-5

R.T.: 9.392 min
Delta R.T.: -0.028 min
Response: 33781228
Conc: 296.63 ng/ml



#40 AR-1262-5

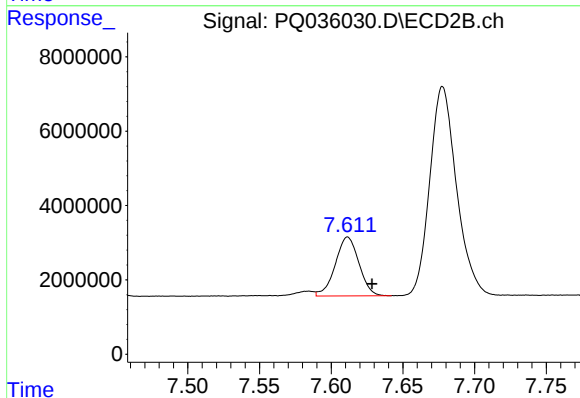
R.T.: 0.000 min
Exp R.T.: 8.191 min
Response: 0
Conc: N.D.



#41 AR-1268-1

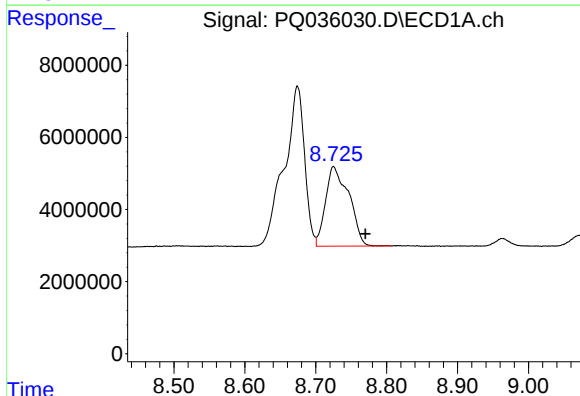
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 89234156
Conc: 184.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



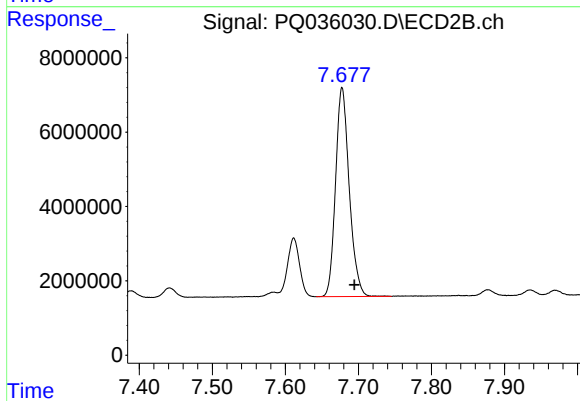
#41 AR-1268-1

R.T.: 7.612 min
Delta R.T.: -0.017 min
Response: 18202430
Conc: 54.59 ng/ml



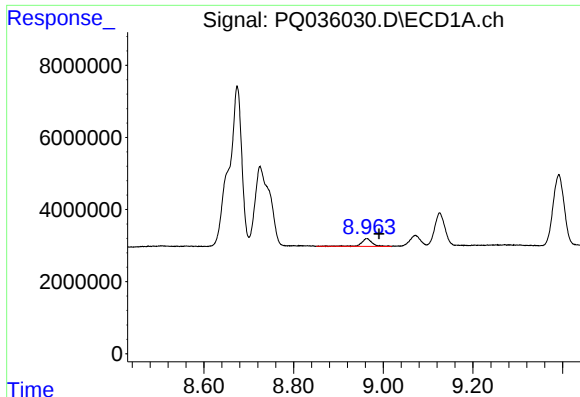
#42 AR-1268-2

R.T.: 8.725 min
Delta R.T.: -0.045 min
Response: 50595066
Conc: 117.26 ng/ml



#42 AR-1268-2

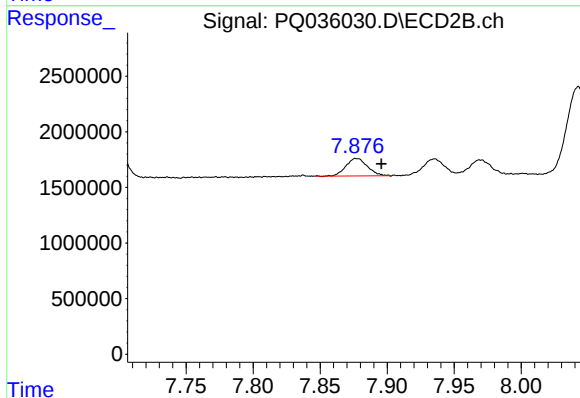
R.T.: 7.678 min
Delta R.T.: -0.017 min
Response: 73216907
Conc: 247.06 ng/ml



#43 AR-1268-3

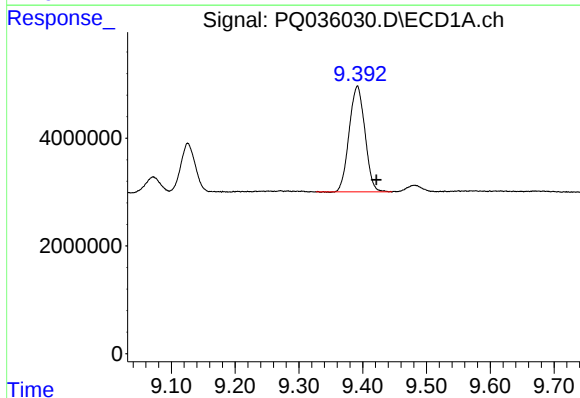
R.T.: 8.963 min
Delta R.T.: -0.028 min
Response: 3748476
Conc: 9.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



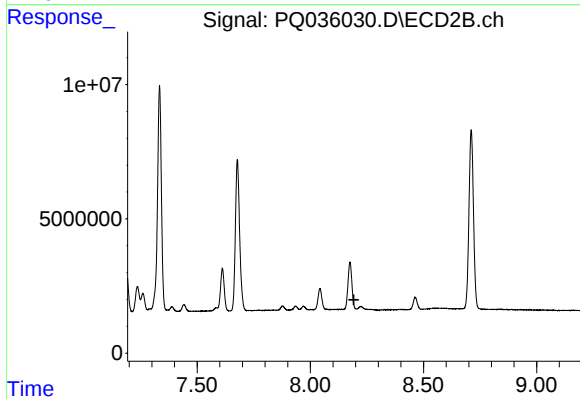
#43 AR-1268-3

R.T.: 7.877 min
Delta R.T.: -0.019 min
Response: 1747343
Conc: 7.15 ng/ml



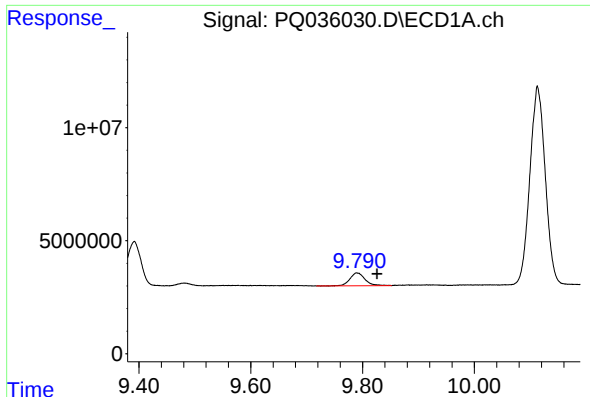
#44 AR-1268-4

R.T.: 9.392 min
Delta R.T.: -0.030 min
Response: 33781228
Conc: 246.41 ng/ml



#44 AR-1268-4

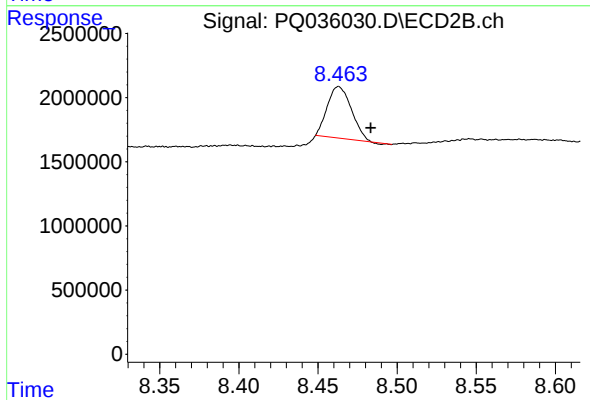
R.T.: 0.000 min
Exp R.T.: 8.193 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.790 min
Delta R.T.: -0.036 min
Response: 10541351
Conc: 9.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.463 min
Delta R.T.: -0.020 min
Response: 4230840
Conc: 5.79 ng/ml