

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 16:09
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 16:23:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 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...	4.183	3.636	302.8E6	165.9E6	52.036	53.731
2)	SA Decachlor...	9.597	8.507	241.5E6	114.1E6	50.083	50.956
Target Compounds							
3)	L1 AR-1016-1	5.322	4.691	94824475	56926880	471.167	505.958
4)	L1 AR-1016-2	5.342	4.707	147.6E6	85232039	470.208	503.162
5)	L1 AR-1016-3	5.403	4.881	83686138	41523445	459.488	481.750
6)	L1 AR-1016-4	5.502	4.920	71351255	32686331	476.962	472.495
7)	L1 AR-1016-5	5.784	5.129	68638650	42139730	472.743	483.432
8)	L2 AR-1221-1	4.391	3.839	8012402	4560034	126.277	132.914
9)	L2 AR-1221-2	4.480	3.927	12391751	6903749	267.873	269.039
10)	L2 AR-1221-3	4.554	3.999	50044789	27784354	327.434	324.811
11)	L3 AR-1232-1	4.554	3.999	50044789	27784354	402.115	414.477
12)	L3 AR-1232-2	5.062	4.707	69338712	85232039	1177.525	1205.489
13)	L3 AR-1232-3	5.342	4.881	147.6E6	41523445	1194.829	1242.046
14)	L3 AR-1232-4	5.502	4.960	71351255	39493401	1225.050	1372.339
15)	L3 AR-1232-5	5.582	5.129	60475577	42139730	1414.649	1329.380
16)	L4 AR-1242-1	5.322	4.691	94824475	56926880	577.055	620.379
17)	L4 AR-1242-2	5.342	4.707	147.6E6	85232039	578.307	609.976
18)	L4 AR-1242-3	5.403	4.881	83686138	41523445	567.424	600.854
19)	L4 AR-1242-4	5.502	4.960	71351255	39493401	582.898	618.713
20)	L4 AR-1242-5	6.217	5.471	12318589	30523421	90.157	353.123 #
21)	L5 AR-1248-1	5.322	4.691	94824475	56926880	598.725	617.199
22)	L5 AR-1248-2	5.582	4.920	60475577	32686331	276.295	272.915
23)	L5 AR-1248-3	5.784	4.960	68638650	39493401	279.379	325.421
24)	L5 AR-1248-4	6.180	5.129	14610523	42139730	52.235	283.393 #
25)	L5 AR-1248-5	6.217	5.512	12318589	5233931	46.469	35.983
26)	L6 AR-1254-1	6.149	5.471	47803141	30523421	243.322	198.155
27)	L6 AR-1254-2	6.359	5.615	54039019	27145038	176.313	209.217
28)	L6 AR-1254-3	6.727	6.019	28102786	50785897	90.245	240.101 #
29)	L6 AR-1254-4	7.006	6.238	20999880	7538846	82.727	47.004 #
30)	L6 AR-1254-5	7.418	6.644	154.2E6	91035327	522.618	523.315
31)	L7 AR-1260-1	6.879	6.134	115.8E6	72270452	447.242	465.656
32)	L7 AR-1260-2	7.131	6.321	156.7E6	89337594	454.663	473.513
33)	L7 AR-1260-3	7.481	6.471	130.3E6	79665510	459.508	467.819
34)	L7 AR-1260-4	7.711	6.932	121.7E6	65376102	452.026	468.781
35)	L7 AR-1260-5	8.016	7.176	291.4E6	160.0E6	462.511	482.364
36)	L8 AR-1262-1	7.539	6.675	65220914	73642882	422.312	348.648
37)	L8 AR-1262-2	8.016	7.176	291.4E6	160.0E6	415.395	425.677
38)	L8 AR-1262-3	8.290	7.447	72628489	33968811	242.317	229.817
39)	L8 AR-1262-4	8.371	7.515	112.6E6	113.5E6	324.789	423.246 #
40)	L8 AR-1262-5	8.970	8.008	83201290	38926945	348.199	342.125
41)	L9 AR-1268-1	8.290	7.447	72628489	33968811	88.240	83.960

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 Acq On : 20 Mar 2019 16:09
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

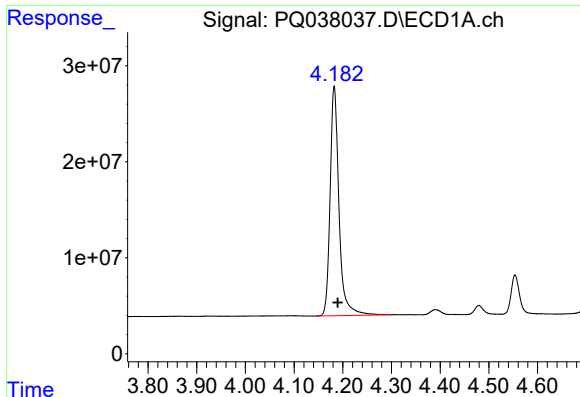
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 16:23:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.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	8.371	7.515	112.6E6	113.5E6	150.829	303.252 #
43) L9	AR-1268-3	8.569	7.705	4511134	2519999	6.879	8.332
44) L9	AR-1268-4	8.970	8.008	83201290	38926945	321.418	311.658
45) L9	AR-1268-5	9.320	8.279	23361169	10684960	11.967	11.295

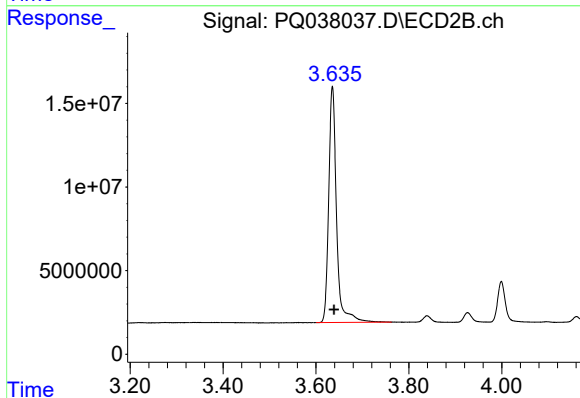
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

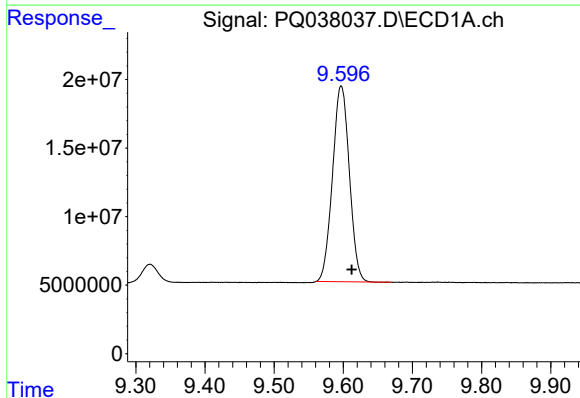
R.T.: 4.183 min
Delta R.T.: -0.007 min
Response: 302780809
Conc: 52.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



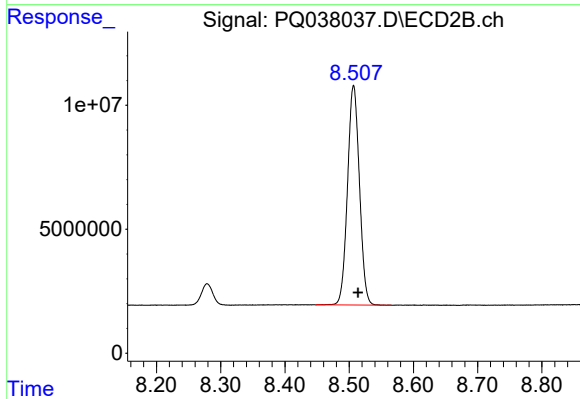
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 165948452
Conc: 53.73 ng/ml



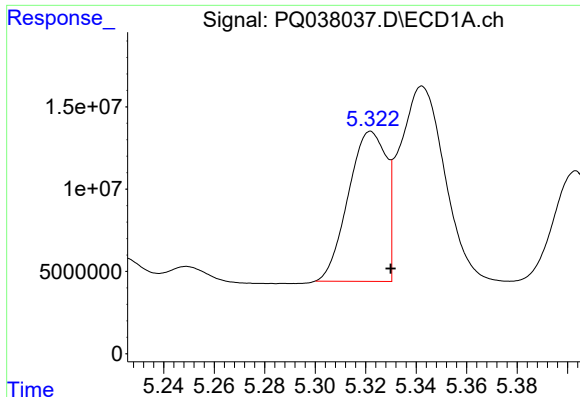
#2 Decachlorobiphenyl

R.T.: 9.597 min
Delta R.T.: -0.015 min
Response: 241462617
Conc: 50.08 ng/ml



#2 Decachlorobiphenyl

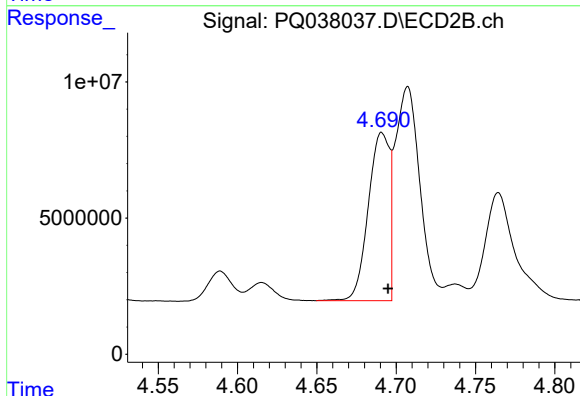
R.T.: 8.507 min
Delta R.T.: -0.007 min
Response: 114079665
Conc: 50.96 ng/ml



#3 AR-1016-1

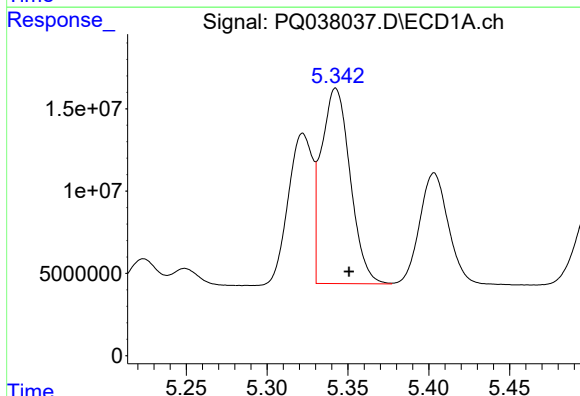
R.T.: 5.322 min
Delta R.T.: -0.008 min
Response: 94824475
Conc: 471.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



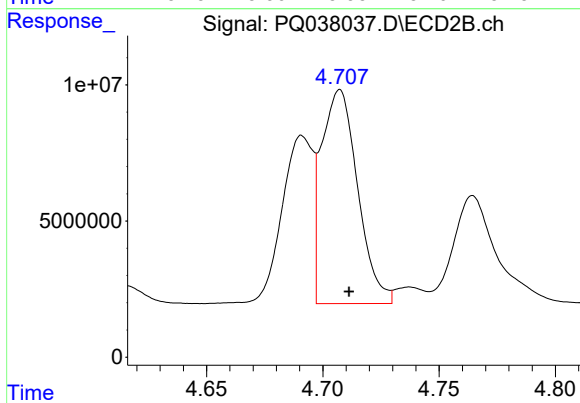
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: -0.004 min
Response: 56926880
Conc: 505.96 ng/ml



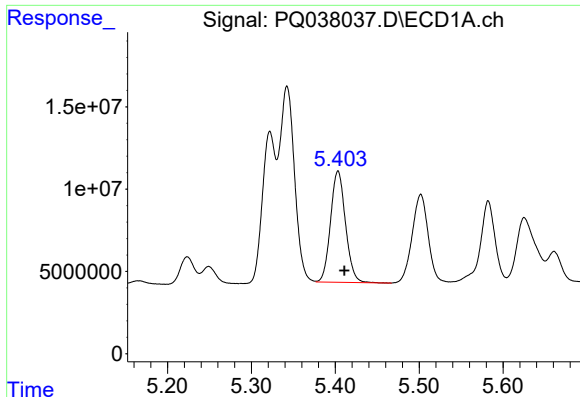
#4 AR-1016-2

R.T.: 5.342 min
Delta R.T.: -0.008 min
Response: 147563815
Conc: 470.21 ng/ml



#4 AR-1016-2

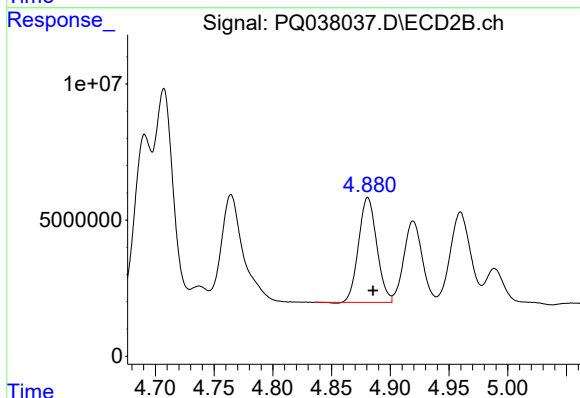
R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 85232039
Conc: 503.16 ng/ml



#5 AR-1016-3

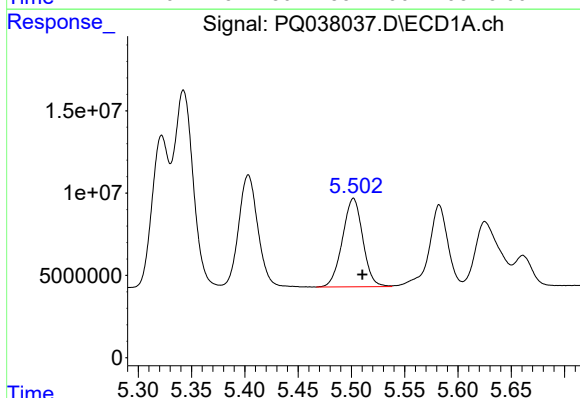
R.T.: 5.403 min
Delta R.T.: -0.007 min
Response: 83686138
Conc: 459.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



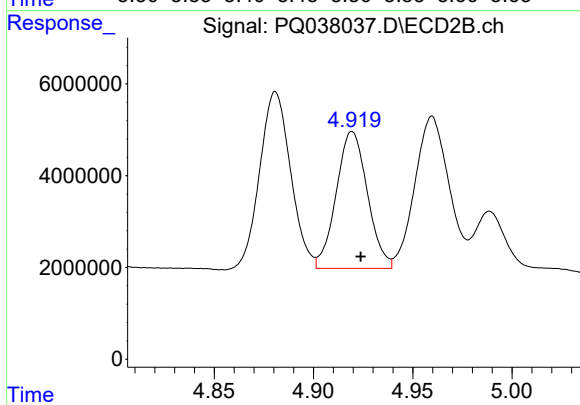
#5 AR-1016-3

R.T.: 4.881 min
Delta R.T.: -0.005 min
Response: 41523445
Conc: 481.75 ng/ml



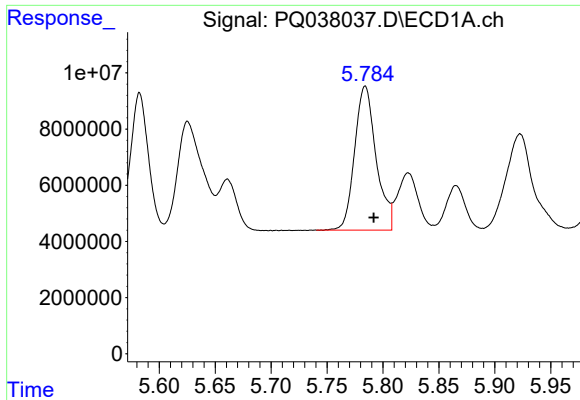
#6 AR-1016-4

R.T.: 5.502 min
Delta R.T.: -0.008 min
Response: 71351255
Conc: 476.96 ng/ml



#6 AR-1016-4

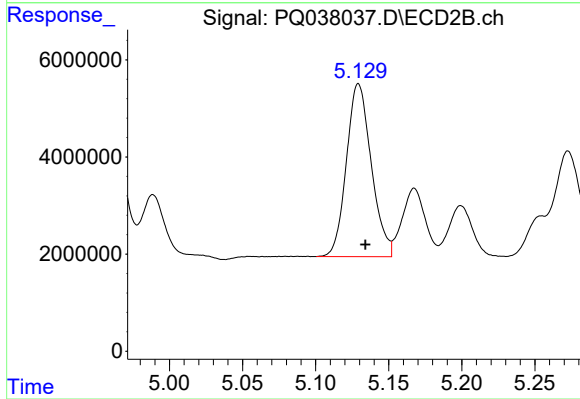
R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 32686331
Conc: 472.49 ng/ml



#7 AR-1016-5

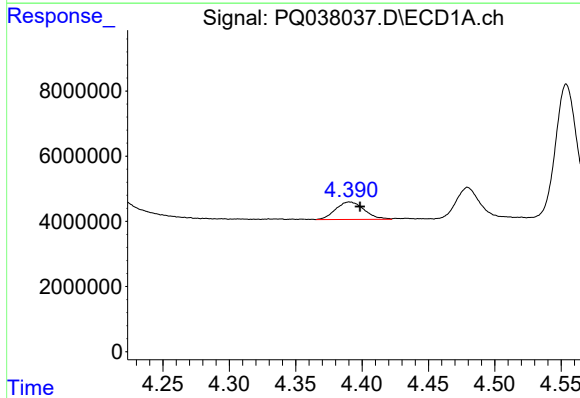
R.T.: 5.784 min
Delta R.T.: -0.008 min
Response: 68638650
Conc: 472.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



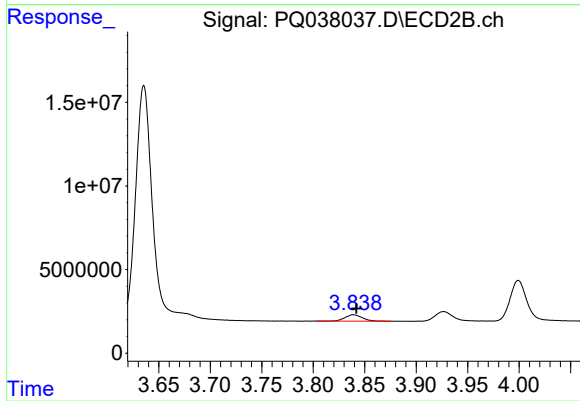
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 42139730
Conc: 483.43 ng/ml



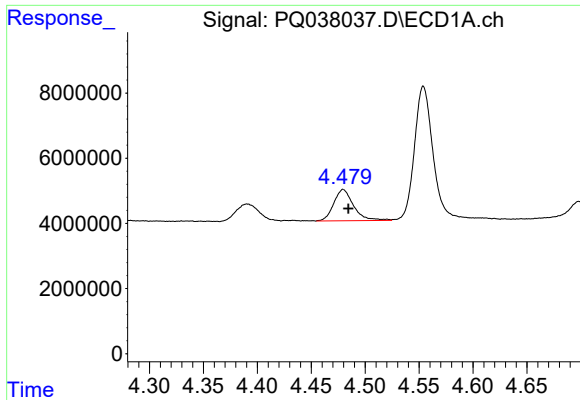
#8 AR-1221-1

R.T.: 4.391 min
Delta R.T.: -0.008 min
Response: 8012402
Conc: 126.28 ng/ml



#8 AR-1221-1

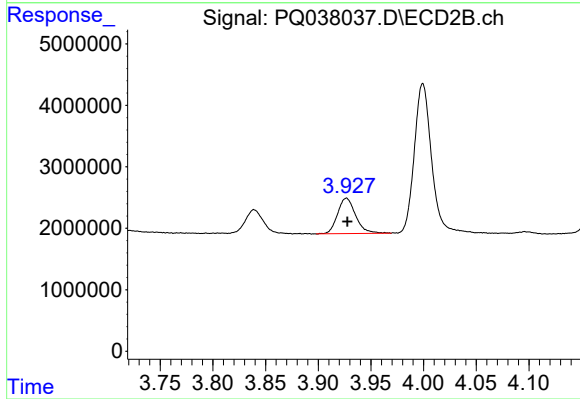
R.T.: 3.839 min
Delta R.T.: -0.003 min
Response: 4560034
Conc: 132.91 ng/ml



#9 AR-1221-2

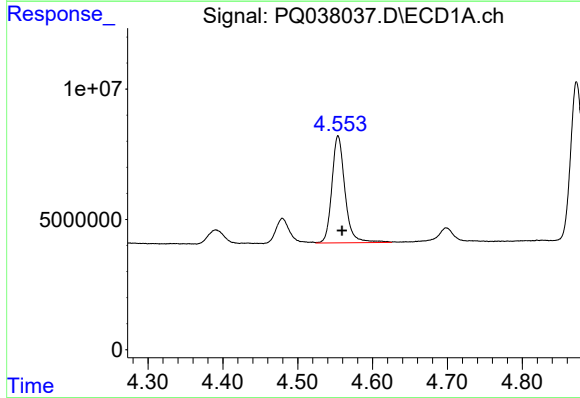
R.T.: 4.480 min
Delta R.T.: -0.005 min
Response: 12391751
Conc: 267.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



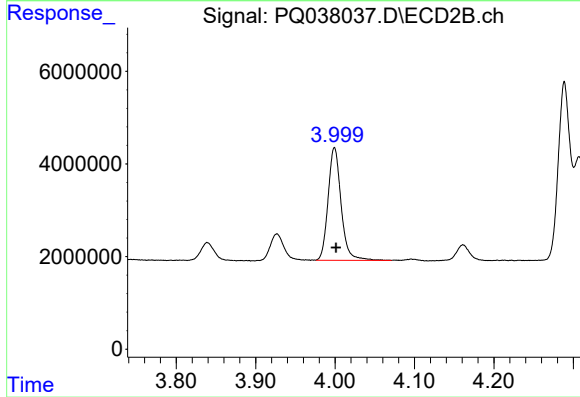
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 6903749
Conc: 269.04 ng/ml



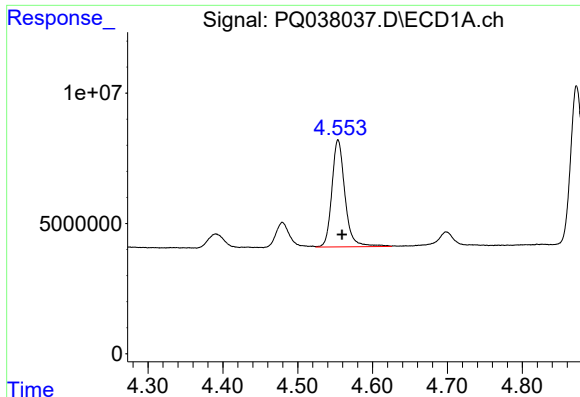
#10 AR-1221-3

R.T.: 4.554 min
Delta R.T.: -0.005 min
Response: 50044789
Conc: 327.43 ng/ml



#10 AR-1221-3

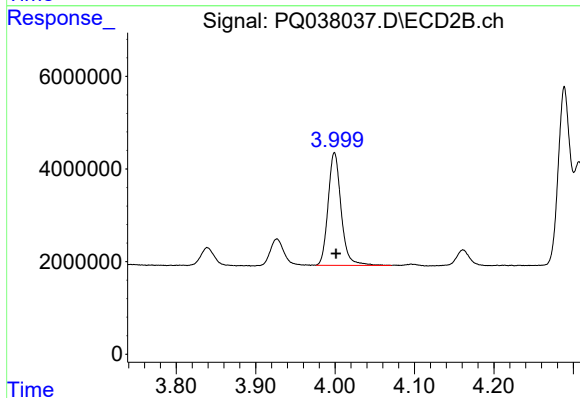
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 27784354
Conc: 324.81 ng/ml



#11 AR-1232-1

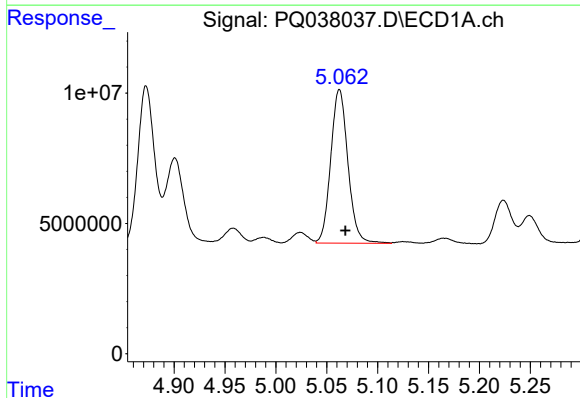
R.T.: 4.554 min
Delta R.T.: -0.005 min
Response: 50044789
Conc: 402.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



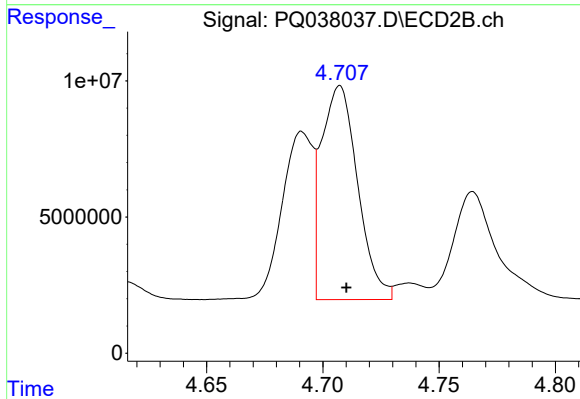
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 27784354
Conc: 414.48 ng/ml



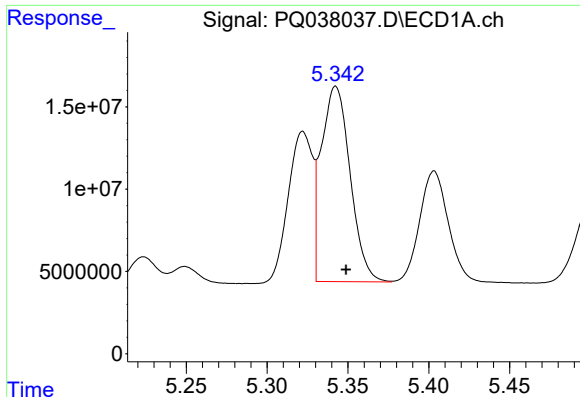
#12 AR-1232-2

R.T.: 5.062 min
Delta R.T.: -0.006 min
Response: 69338712
Conc: 1177.53 ng/ml



#12 AR-1232-2

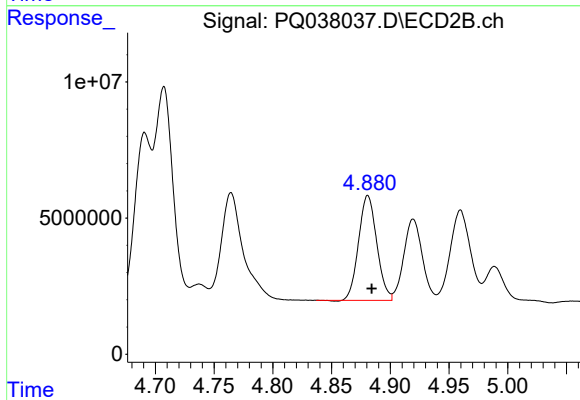
R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 85232039
Conc: 1205.49 ng/ml



#13 AR-1232-3

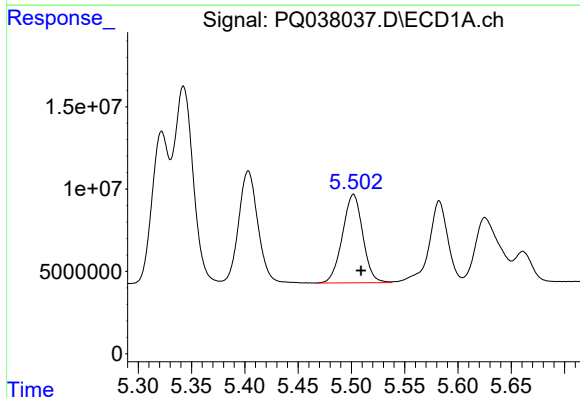
R.T.: 5.342 min
Delta R.T.: -0.006 min
Response: 147563815
Conc: 1194.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



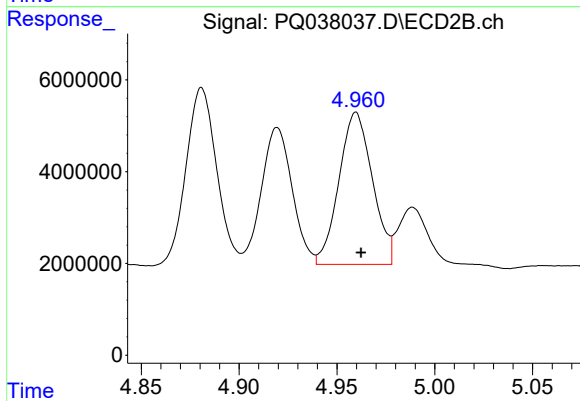
#13 AR-1232-3

R.T.: 4.881 min
Delta R.T.: -0.003 min
Response: 41523445
Conc: 1242.05 ng/ml



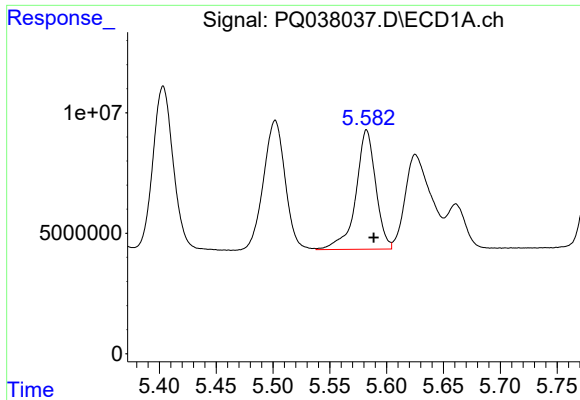
#14 AR-1232-4

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 71351255
Conc: 1225.05 ng/ml



#14 AR-1232-4

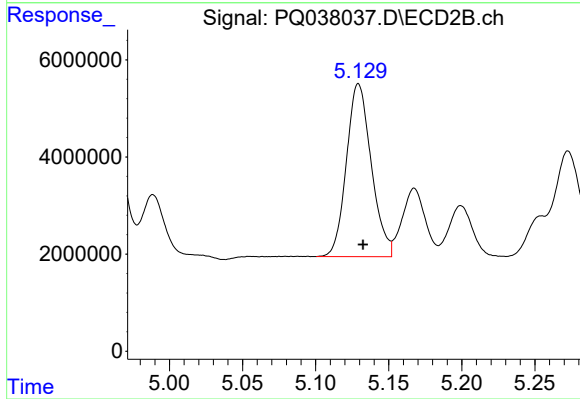
R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 39493401
Conc: 1372.34 ng/ml



#15 AR-1232-5

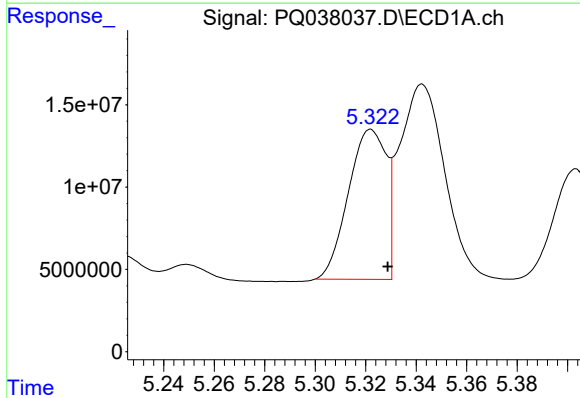
R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 60475577
Conc: 1414.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



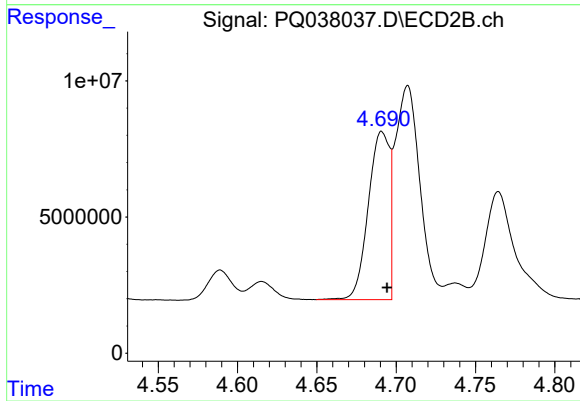
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.003 min
Response: 42139730
Conc: 1329.38 ng/ml



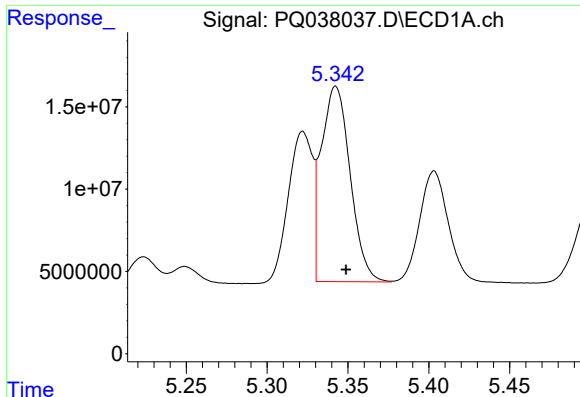
#16 AR-1242-1

R.T.: 5.322 min
Delta R.T.: -0.007 min
Response: 94824475
Conc: 577.05 ng/ml



#16 AR-1242-1

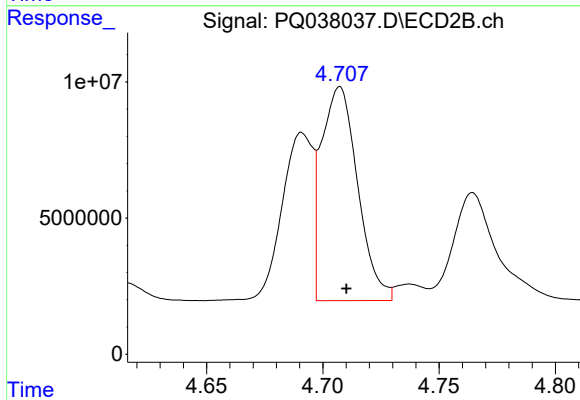
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 56926880
Conc: 620.38 ng/ml



#17 AR-1242-2

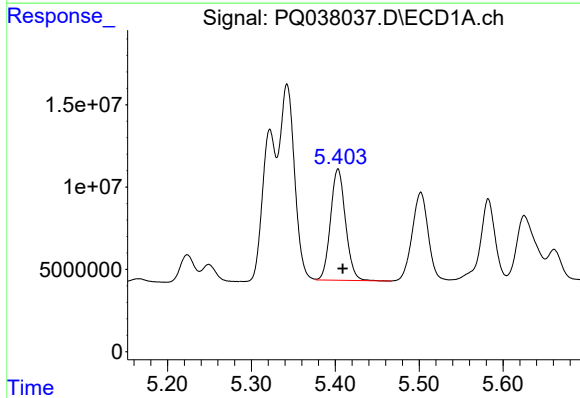
R.T.: 5.342 min
Delta R.T.: -0.006 min
Response: 147563815
Conc: 578.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



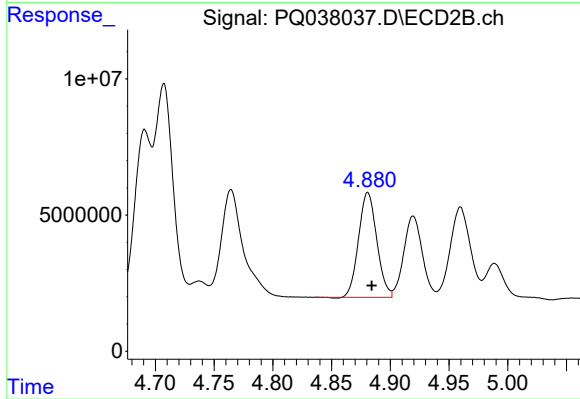
#17 AR-1242-2

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 85232039
Conc: 609.98 ng/ml



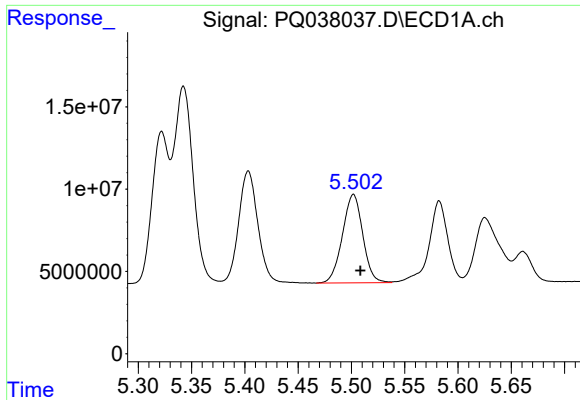
#18 AR-1242-3

R.T.: 5.403 min
Delta R.T.: -0.006 min
Response: 83686138
Conc: 567.42 ng/ml



#18 AR-1242-3

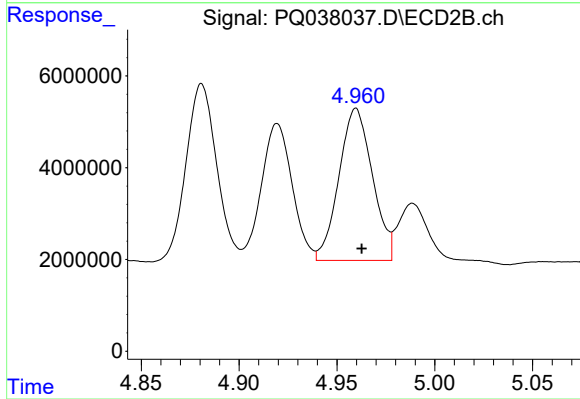
R.T.: 4.881 min
Delta R.T.: -0.003 min
Response: 41523445
Conc: 600.85 ng/ml



#19 AR-1242-4

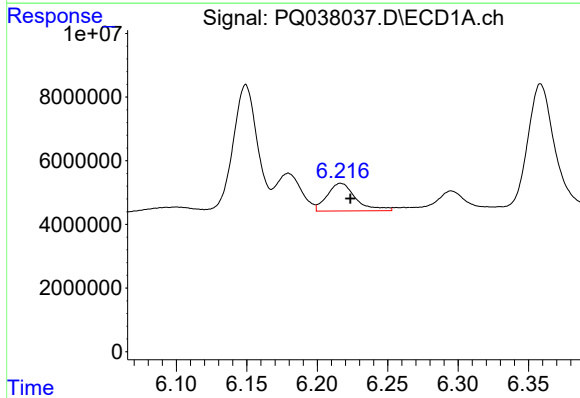
R.T.: 5.502 min
Delta R.T.: -0.006 min
Response: 71351255
Conc: 582.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



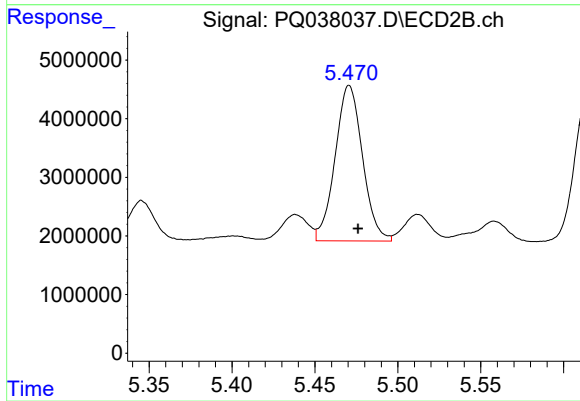
#19 AR-1242-4

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 39493401
Conc: 618.71 ng/ml



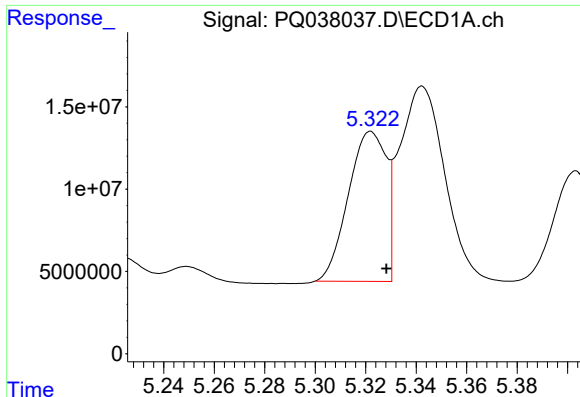
#20 AR-1242-5

R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 12318589
Conc: 90.16 ng/ml



#20 AR-1242-5

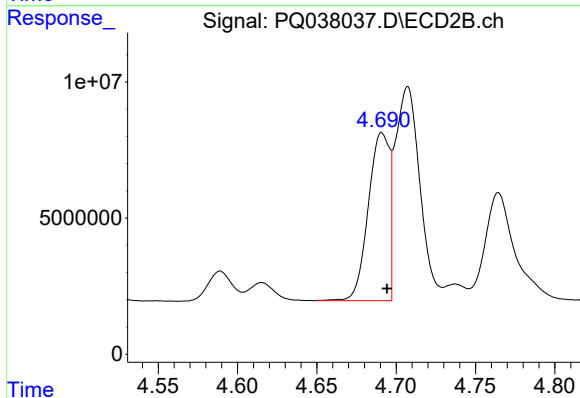
R.T.: 5.471 min
Delta R.T.: -0.005 min
Response: 30523421
Conc: 353.12 ng/ml



#21 AR-1248-1

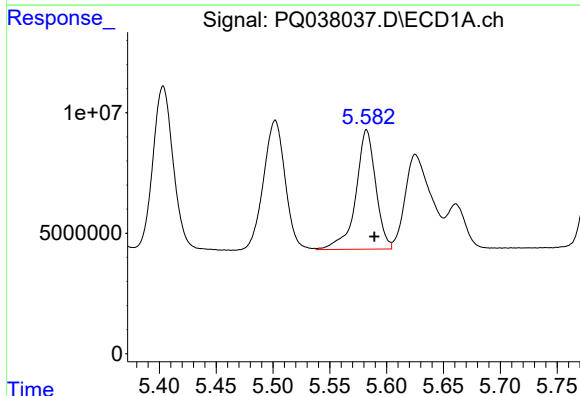
R.T.: 5.322 min
Delta R.T.: -0.006 min
Response: 94824475
Conc: 598.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



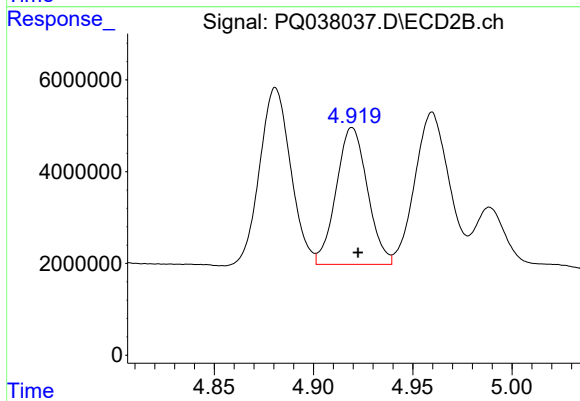
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 56926880
Conc: 617.20 ng/ml



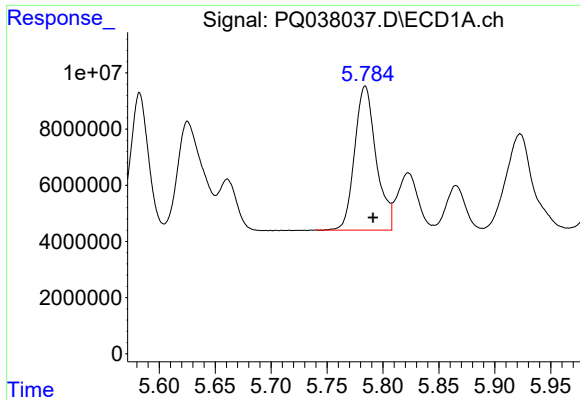
#22 AR-1248-2

R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 60475577
Conc: 276.30 ng/ml



#22 AR-1248-2

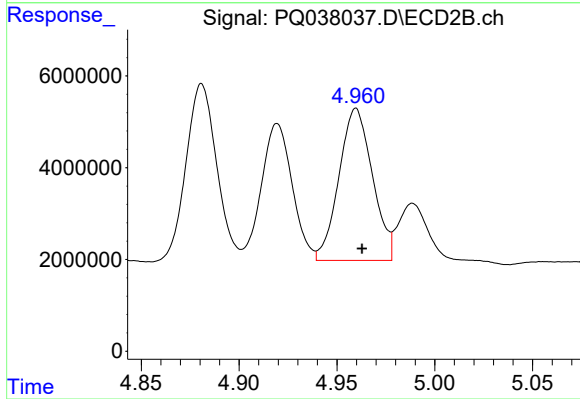
R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 32686331
Conc: 272.91 ng/ml



#23 AR-1248-3

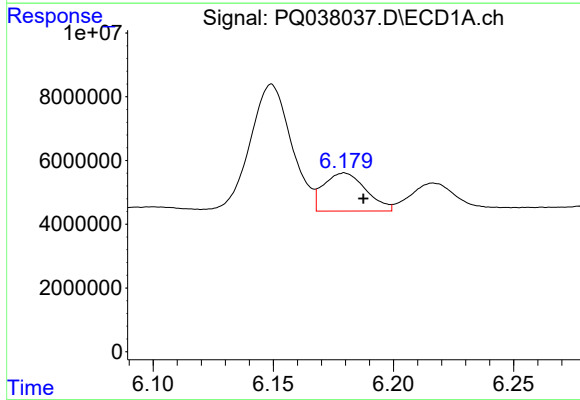
R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 68638650
Conc: 279.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



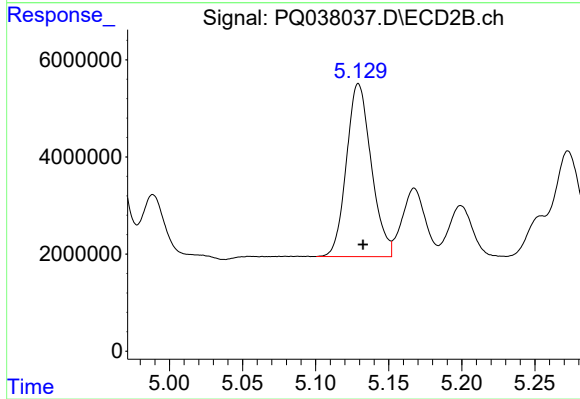
#23 AR-1248-3

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 39493401
Conc: 325.42 ng/ml



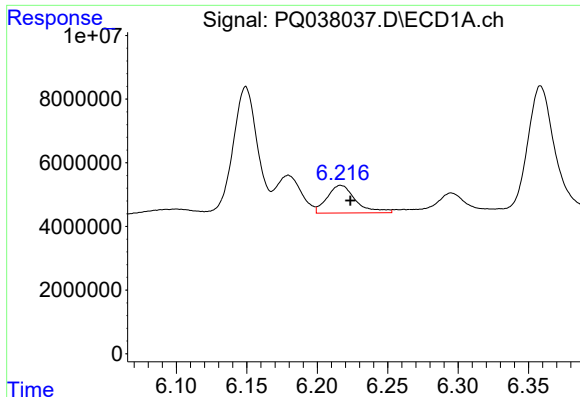
#24 AR-1248-4

R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 14610523
Conc: 52.23 ng/ml



#24 AR-1248-4

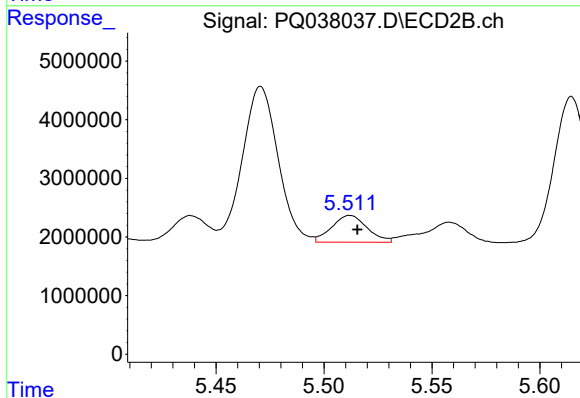
R.T.: 5.129 min
Delta R.T.: -0.003 min
Response: 42139730
Conc: 283.39 ng/ml



#25 AR-1248-5

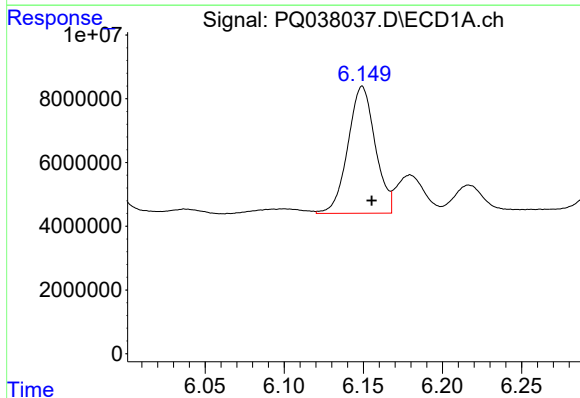
R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 12318589
Conc: 46.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



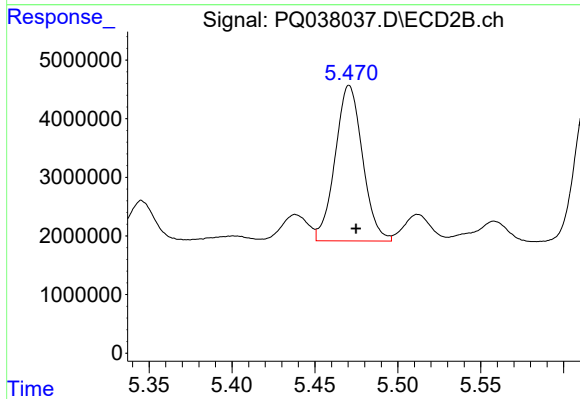
#25 AR-1248-5

R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 5233931
Conc: 35.98 ng/ml



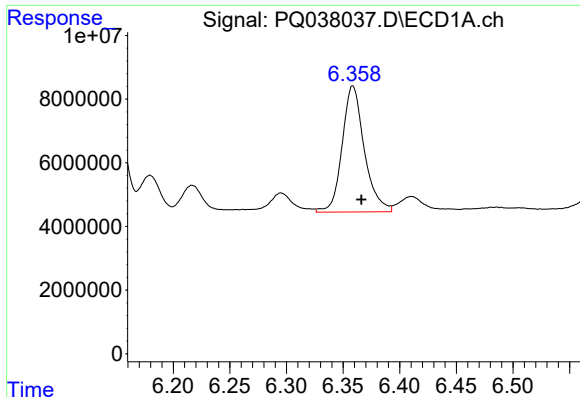
#26 AR-1254-1

R.T.: 6.149 min
Delta R.T.: -0.006 min
Response: 47803141
Conc: 243.32 ng/ml



#26 AR-1254-1

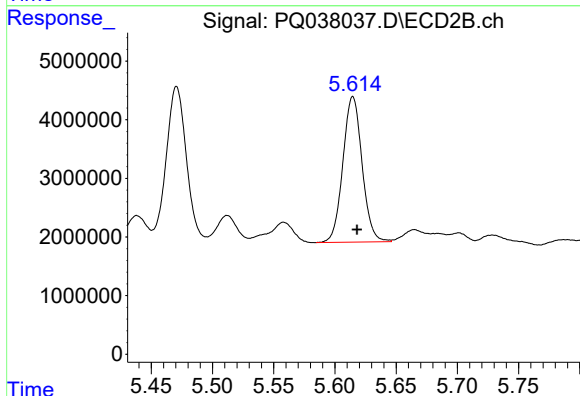
R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 30523421
Conc: 198.15 ng/ml



#27 AR-1254-2

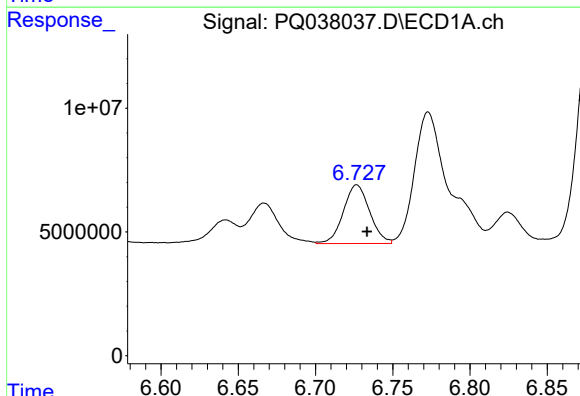
R.T.: 6.359 min
Delta R.T.: -0.007 min
Response: 54039019
Conc: 176.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



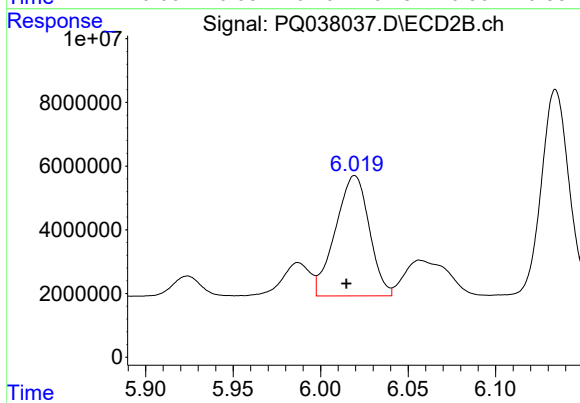
#27 AR-1254-2

R.T.: 5.615 min
Delta R.T.: -0.003 min
Response: 27145038
Conc: 209.22 ng/ml



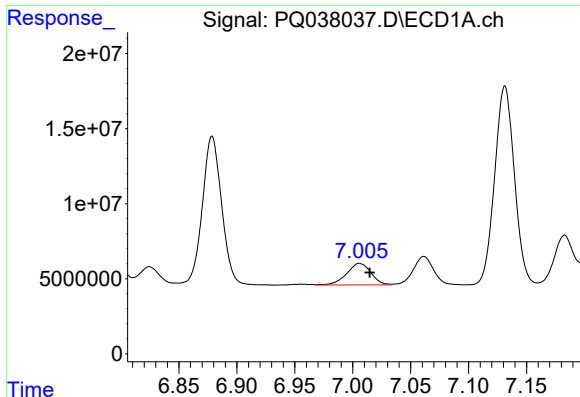
#28 AR-1254-3

R.T.: 6.727 min
Delta R.T.: -0.007 min
Response: 28102786
Conc: 90.24 ng/ml



#28 AR-1254-3

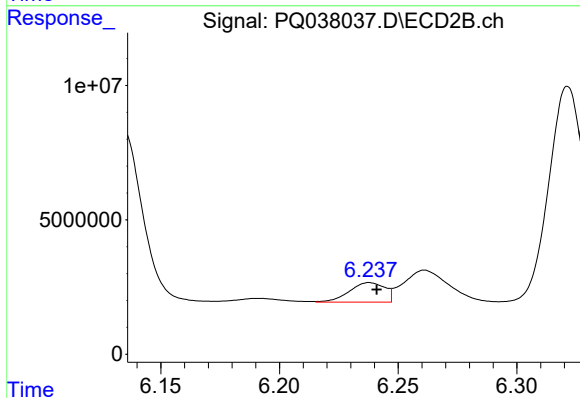
R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 50785897
Conc: 240.10 ng/ml



#29 AR-1254-4

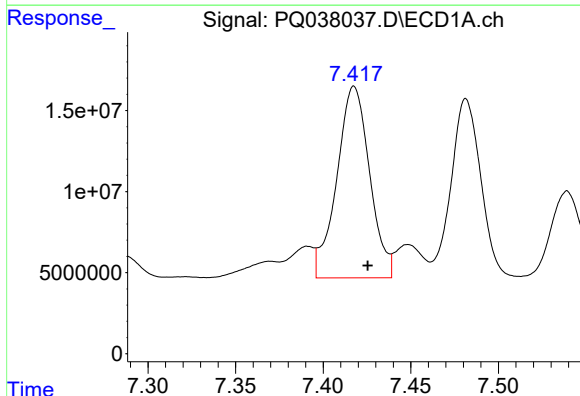
R.T.: 7.006 min
Delta R.T.: -0.009 min
Response: 20999880
Conc: 82.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



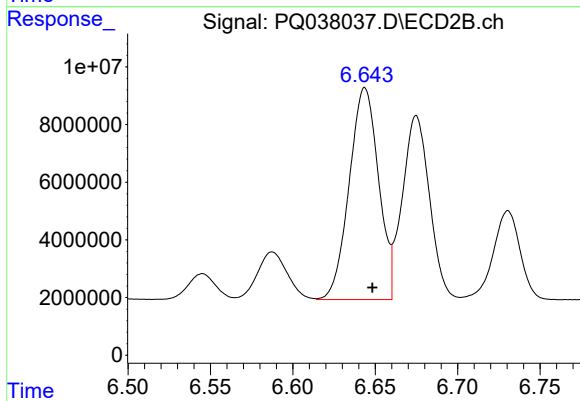
#29 AR-1254-4

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 7538846
Conc: 47.00 ng/ml



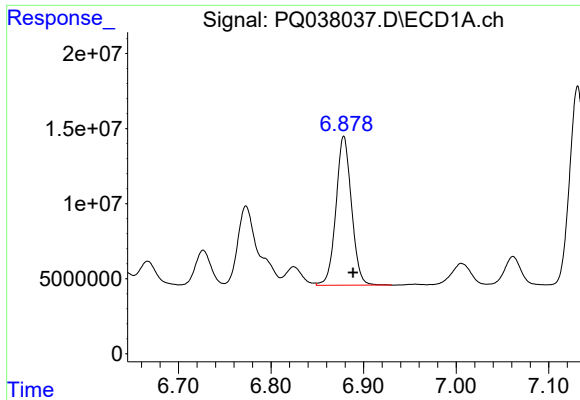
#30 AR-1254-5

R.T.: 7.418 min
Delta R.T.: -0.008 min
Response: 154206788
Conc: 522.62 ng/ml



#30 AR-1254-5

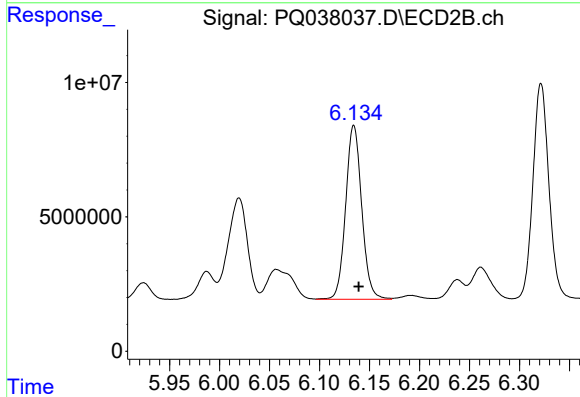
R.T.: 6.644 min
Delta R.T.: -0.004 min
Response: 91035327
Conc: 523.31 ng/ml



#31 AR-1260-1

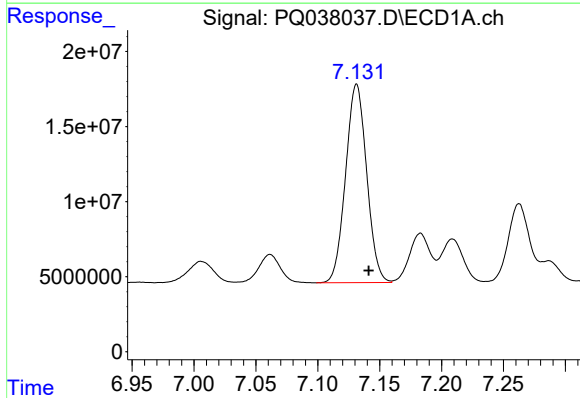
R.T.: 6.879 min
Delta R.T.: -0.010 min
Response: 115821022
Conc: 447.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



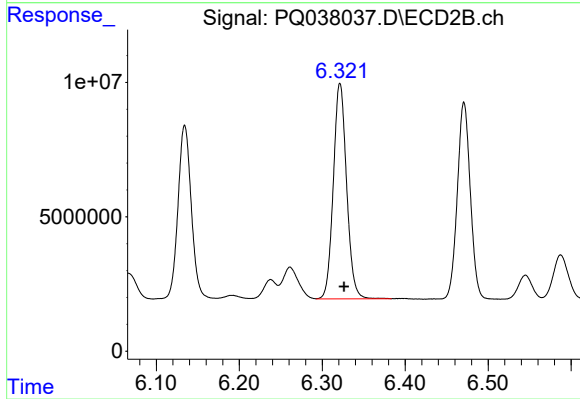
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 72270452
Conc: 465.66 ng/ml



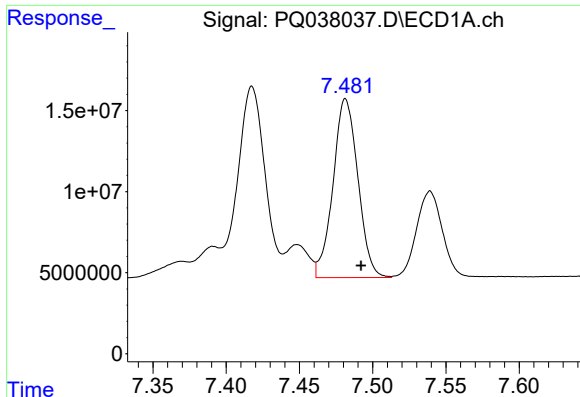
#32 AR-1260-2

R.T.: 7.131 min
Delta R.T.: -0.010 min
Response: 156721216
Conc: 454.66 ng/ml



#32 AR-1260-2

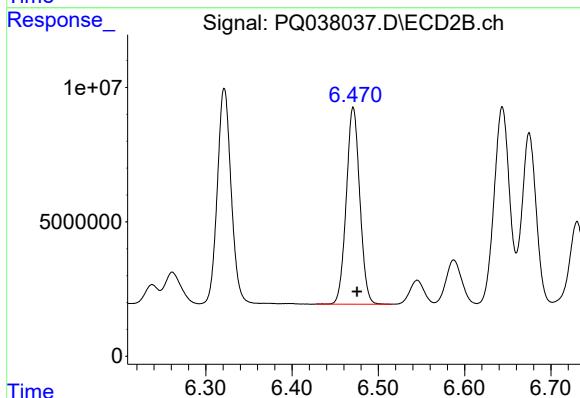
R.T.: 6.321 min
Delta R.T.: -0.005 min
Response: 89337594
Conc: 473.51 ng/ml



#33 AR-1260-3

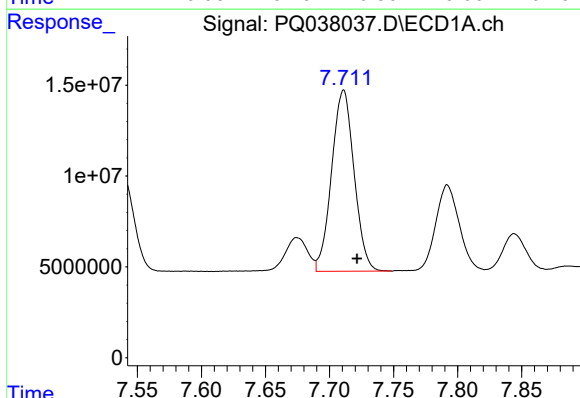
R.T.: 7.481 min
Delta R.T.: -0.011 min
Response: 130327167
Conc: 459.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



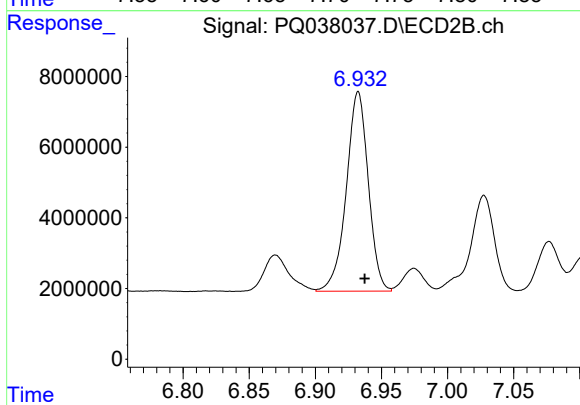
#33 AR-1260-3

R.T.: 6.471 min
Delta R.T.: -0.005 min
Response: 79665510
Conc: 467.82 ng/ml



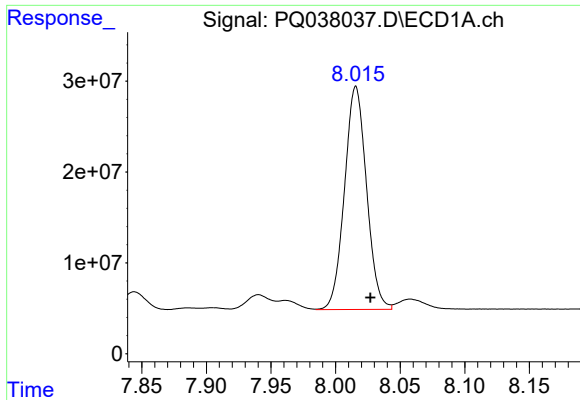
#34 AR-1260-4

R.T.: 7.711 min
Delta R.T.: -0.010 min
Response: 121691968
Conc: 452.03 ng/ml



#34 AR-1260-4

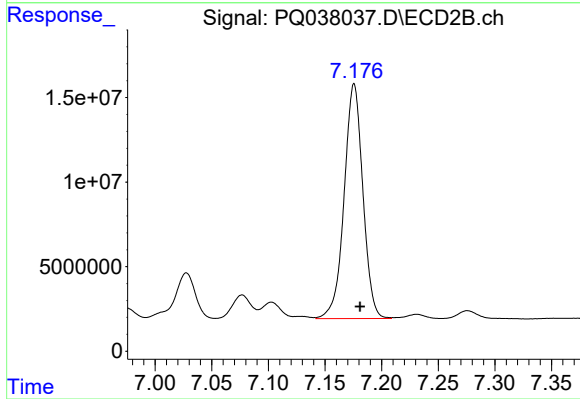
R.T.: 6.932 min
Delta R.T.: -0.005 min
Response: 65376102
Conc: 468.78 ng/ml



#35 AR-1260-5

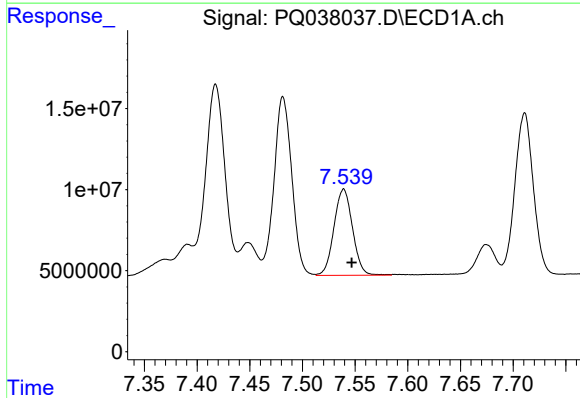
R.T.: 8.016 min
Delta R.T.: -0.011 min
Response: 291395212
Conc: 462.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



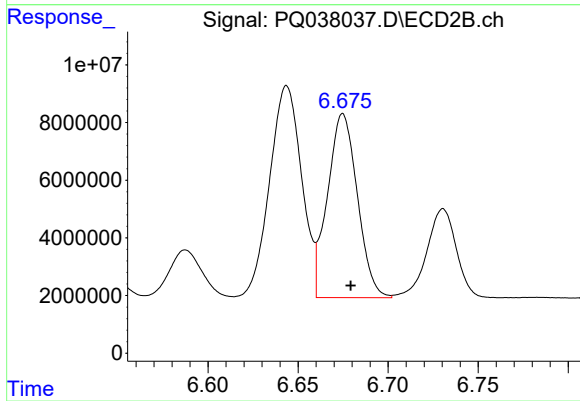
#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 159981099
Conc: 482.36 ng/ml



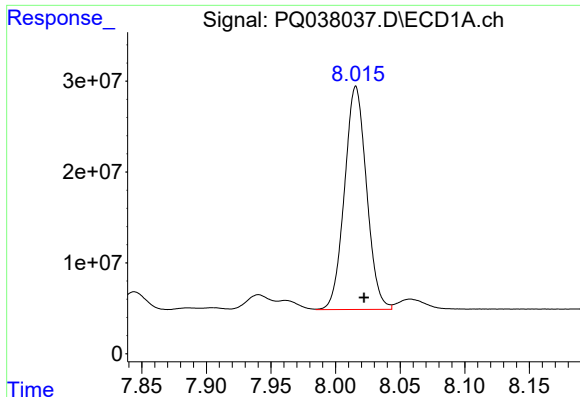
#36 AR-1262-1

R.T.: 7.539 min
Delta R.T.: -0.008 min
Response: 65220914
Conc: 422.31 ng/ml



#36 AR-1262-1

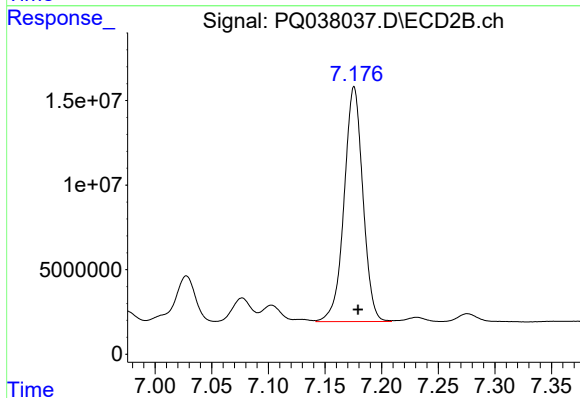
R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 73642882
Conc: 348.65 ng/ml



#37 AR-1262-2

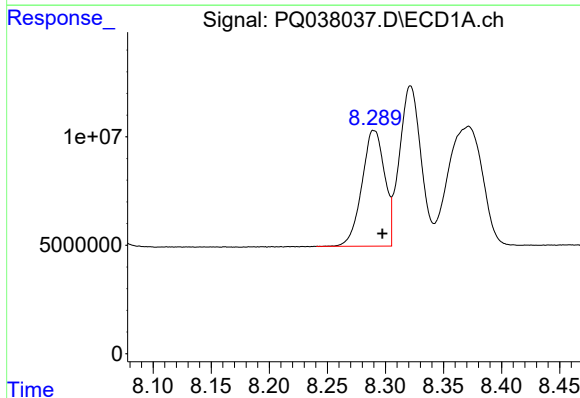
R.T.: 8.016 min
Delta R.T.: -0.006 min
Response: 291395212
Conc: 415.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



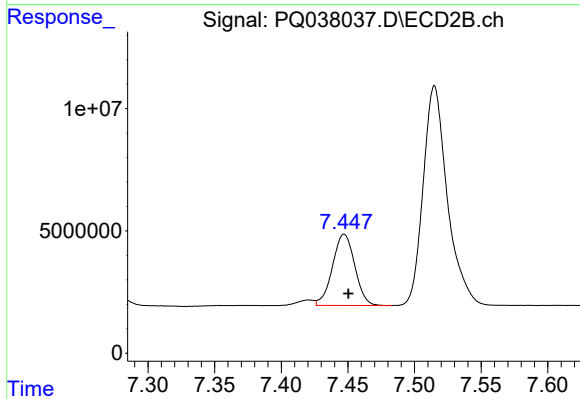
#37 AR-1262-2

R.T.: 7.176 min
Delta R.T.: -0.004 min
Response: 159981099
Conc: 425.68 ng/ml



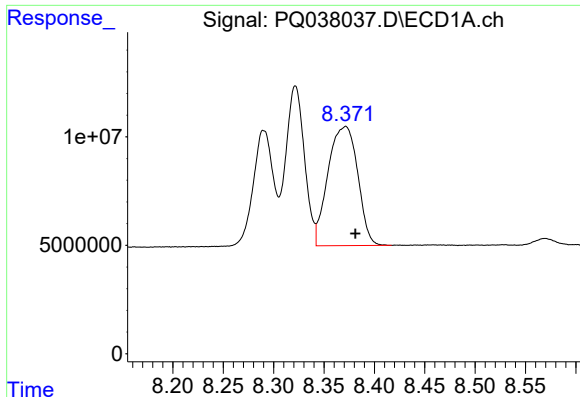
#38 AR-1262-3

R.T.: 8.290 min
Delta R.T.: -0.007 min
Response: 72628489
Conc: 242.32 ng/ml



#38 AR-1262-3

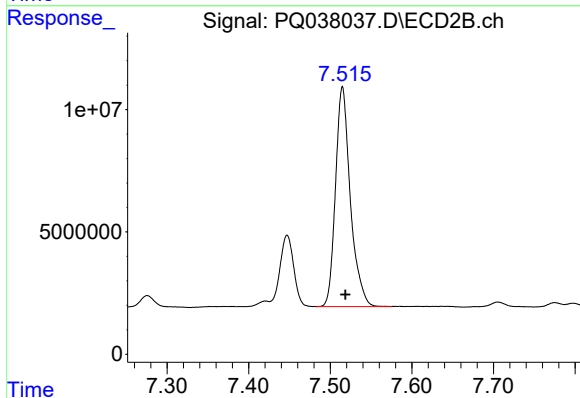
R.T.: 7.447 min
Delta R.T.: -0.003 min
Response: 33968811
Conc: 229.82 ng/ml



#39 AR-1262-4

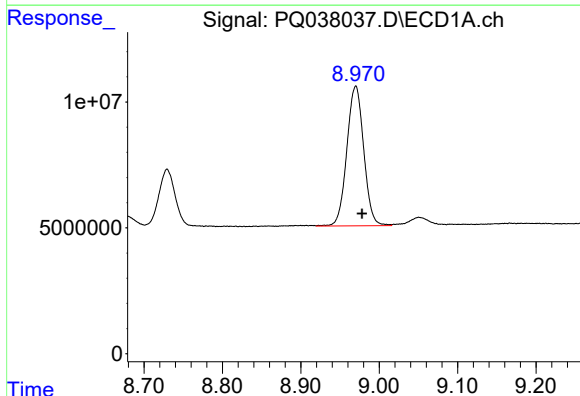
R.T.: 8.371 min
Delta R.T.: -0.010 min
Response: 112635842
Conc: 324.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



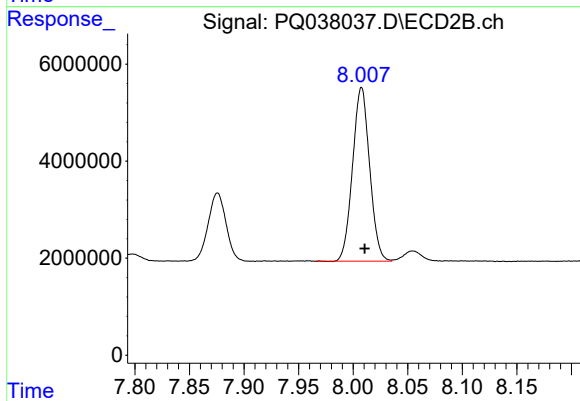
#39 AR-1262-4

R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 113534900
Conc: 423.25 ng/ml



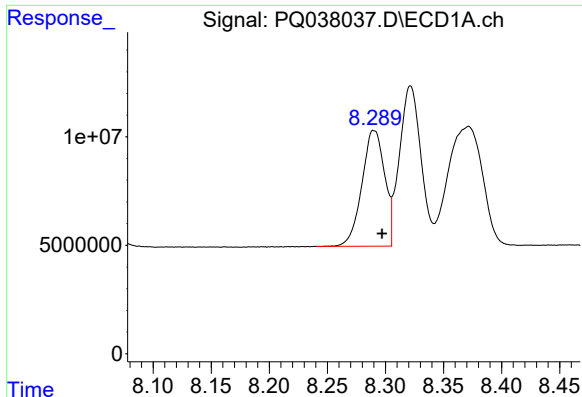
#40 AR-1262-5

R.T.: 8.970 min
Delta R.T.: -0.008 min
Response: 83201290
Conc: 348.20 ng/ml



#40 AR-1262-5

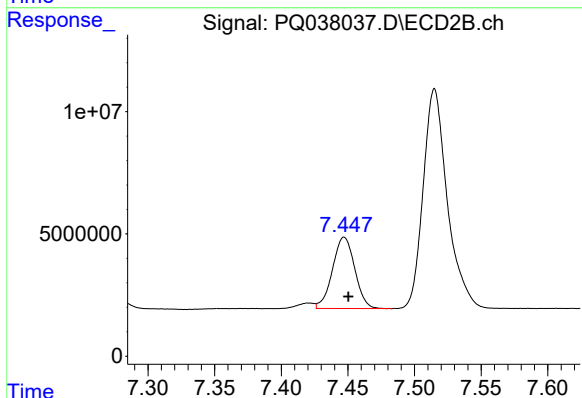
R.T.: 8.008 min
Delta R.T.: -0.003 min
Response: 38926945
Conc: 342.12 ng/ml



#41 AR-1268-1

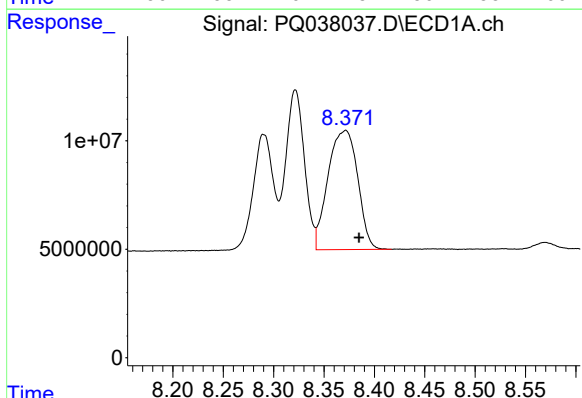
R.T.: 8.290 min
Delta R.T.: -0.007 min
Response: 72628489
Conc: 88.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



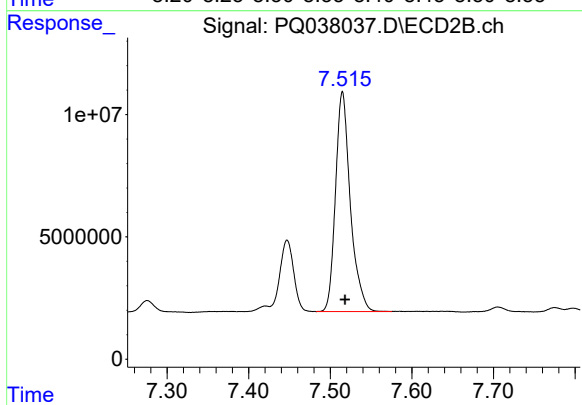
#41 AR-1268-1

R.T.: 7.447 min
Delta R.T.: -0.003 min
Response: 33968811
Conc: 83.96 ng/ml



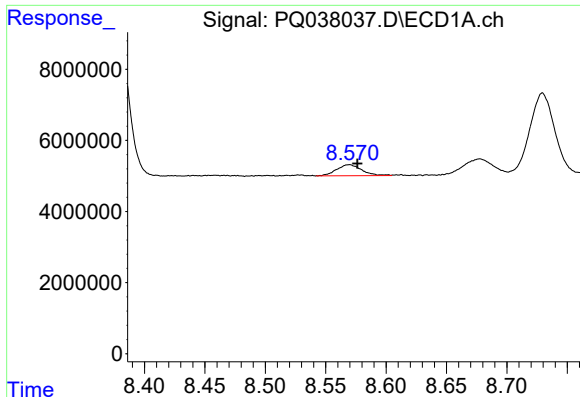
#42 AR-1268-2

R.T.: 8.371 min
Delta R.T.: -0.013 min
Response: 112635842
Conc: 150.83 ng/ml



#42 AR-1268-2

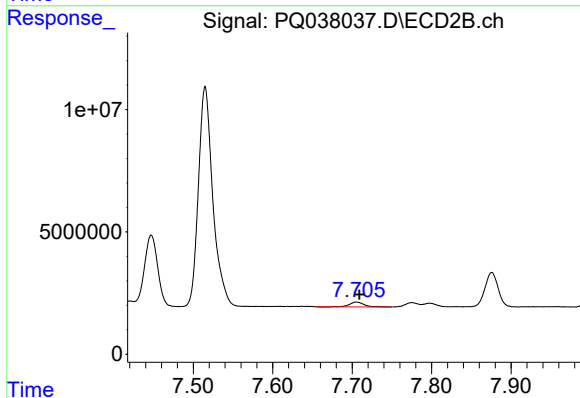
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 113534900
Conc: 303.25 ng/ml



#43 AR-1268-3

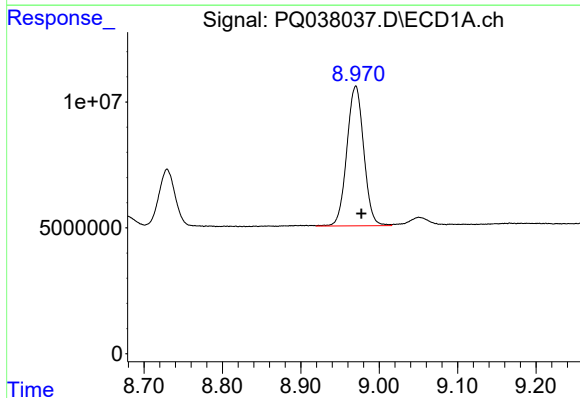
R.T.: 8.569 min
Delta R.T.: -0.007 min
Response: 4511134
Conc: 6.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



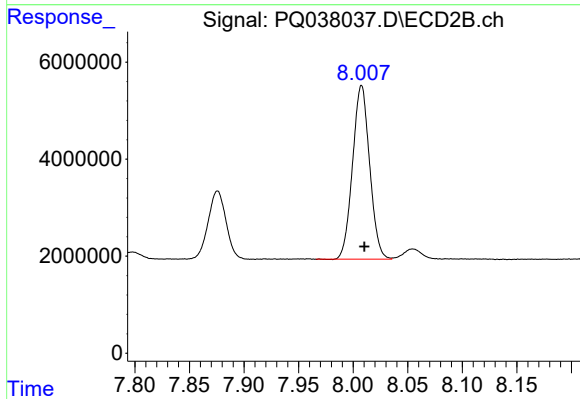
#43 AR-1268-3

R.T.: 7.705 min
Delta R.T.: -0.004 min
Response: 2519999
Conc: 8.33 ng/ml



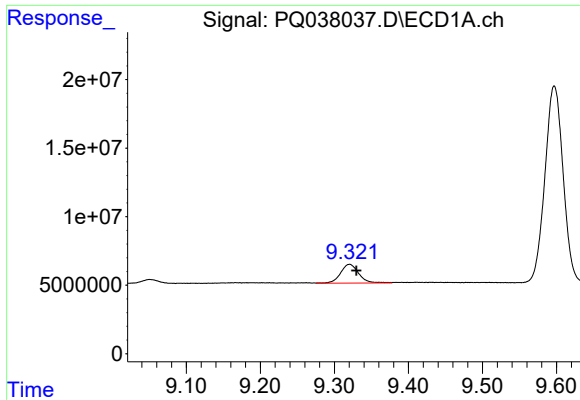
#44 AR-1268-4

R.T.: 8.970 min
Delta R.T.: -0.007 min
Response: 83201290
Conc: 321.42 ng/ml



#44 AR-1268-4

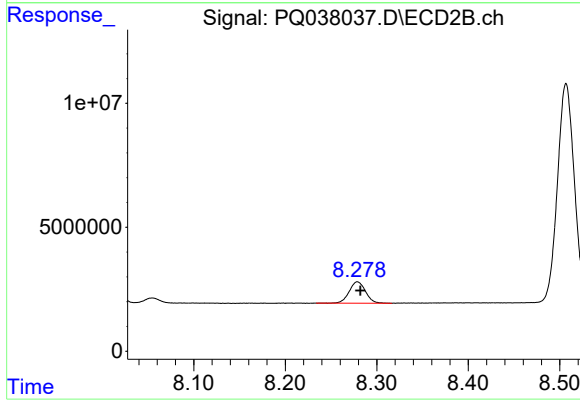
R.T.: 8.008 min
Delta R.T.: -0.003 min
Response: 38926945
Conc: 311.66 ng/ml



#45 AR-1268-5

R.T.: 9.320 min
Delta R.T.: -0.009 min
Response: 23361169
Conc: 11.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 10684960
Conc: 11.29 ng/ml