

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112318\
 Data File : PQ034949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2018 04:58
 Operator : SM\SJ
 Sample : J6041-11
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:39:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 16 03:52:57 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.531	3.820	52886378	35465336	19.200	20.924
2)	SA Decachlor...	10.314	8.839	65221095	35248076	23.674	18.085
Target Compounds							
3)	L1 AR-1016-1	5.704	4.905	8345187	6346331	89.068	96.608
4)	L1 AR-1016-2	5.736	4.923	624.0E6	18074077	4532.424	193.910 #
5)	L1 AR-1016-3	5.797	5.102	1562.3E6	970177	18914.317	19.896 #
6)	L1 AR-1016-4	5.884	5.139	6623197	79842071	97.816	2037.556 #
7)	L1 AR-1016-5	6.179	5.354	45456418	30581844	660.841	589.982
9)	L2 AR-1221-2	4.905	4.122	2010556	3150833	95.381	226.893 #
10)	L2 AR-1221-3	4.905	4.194	2010556	1329270	27.319	27.472
11)	L3 AR-1232-1	4.905	4.194	2010556	1329270	37.223	37.906
12)	L3 AR-1232-2	5.434	4.923	81826858	18074077	2840.882	466.461 #
13)	L3 AR-1232-3	5.736	5.102	624.0E6	970177	10616.757	48.352 #
14)	L3 AR-1232-4	5.884	5.179	6623197	478.4E6	238.609	27528.881 #
15)	L3 AR-1232-5	5.973	5.354	120.5E6	30581844	5499.287	1579.986 #
16)	L4 AR-1242-1	5.704	4.905	8345187	6346331	109.722	122.111
17)	L4 AR-1242-2	5.736	4.923	624.0E6	18074077	5582.653	242.414 #
18)	L4 AR-1242-3	5.797	5.102	1562.3E6	970177	23468.481	24.912 #
19)	L4 AR-1242-4	5.884	5.179	6623197	478.4E6	120.924	12388.639 #
20)	L4 AR-1242-5	6.625	5.704	333.1E6	574.2E6	5382.367	11553.555 #
21)	L5 AR-1248-1	5.704	4.905	8345187	6346331	140.525	157.232
22)	L5 AR-1248-2	5.973	5.139	120.5E6	79842071	1440.479	1448.237
23)	L5 AR-1248-3	6.179	5.179	45456418	478.4E6	471.008	8494.185 #
24)	L5 AR-1248-4	6.625	5.354	333.1E6	30581844	3036.499	440.673 #
25)	L5 AR-1248-5	6.625	5.745	333.1E6	54836360	3195.029	768.371 #
26)	L6 AR-1254-1	6.556	5.704	907.5E6	574.2E6	8111.514	5253.103 #
27)	L6 AR-1254-2	6.771	5.851	1477.7E6	893.6E6	8352.135	9349.016
28)	L6 AR-1254-3	7.142	6.267	657.1E6	1563.8E6	3390.718	9671.430 #
29)	L6 AR-1254-4	7.425	6.482	341.4E6	92193014	2404.906	890.752 #
30)	L6 AR-1254-5	7.844	6.897	5094.9E6	2904.4E6	33848.636	20470.367 #
31)	L7 AR-1260-1	7.302	6.383	3649.4E6	2340.9E6	26289.921	21833.431
32)	L7 AR-1260-2	7.558	6.570	5269.3E6	2526.1E6	30821.134	18809.958 #
33)	L7 AR-1260-3	7.918	6.724	2813.5E6	2212.6E6	26399.706	18023.466 #
34)	L7 AR-1260-4	8.148	7.193	3262.8E6	1826.4E6	24634.750	21175.435
35)	L7 AR-1260-5	8.474	7.435	6608.5E6	4068.6E6	24356.552	18508.708
36)	L8 AR-1262-1	7.918	6.932	2813.5E6	2049.0E6	14867.742	13770.912
37)	L8 AR-1262-2	8.474	7.435	6608.5E6	4068.6E6	18811.967	14777.167
38)	L8 AR-1262-3	8.812	7.715	4016.3E6	824.6E6	17479.484	7625.253 #
39)	L8 AR-1262-4	8.866	7.781	2403.2E6	2951.0E6	14099.760	14733.071
40)	L8 AR-1262-5	9.554	8.282	1597.4E6	846.5E6	13098.735	9296.637 #
41)	L9 AR-1268-1	8.812	7.715	4016.3E6	824.6E6	9320.639	2475.983 #
42)	L9 AR-1268-2	8.866	7.781	2403.2E6	2951.0E6	6191.105	9880.669 #

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 Acq On : 24 Nov 2018 04:58
 Operator : SM\SJ
 Sample : J6041-11
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

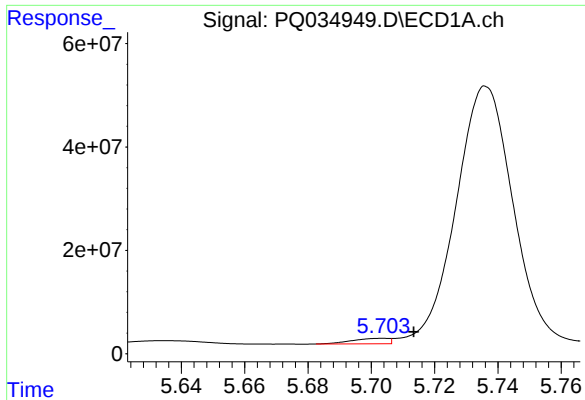
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:39:21 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	9.115	7.983	56939052	32092330	171.395	129.442
44)	L9 AR-1268-4	9.554	8.282	1597.4E6	846.5E6	11565.841	7959.251 #
45)	L9 AR-1268-5	9.975	8.581	318.7E6	173.7E6	289.162	218.307

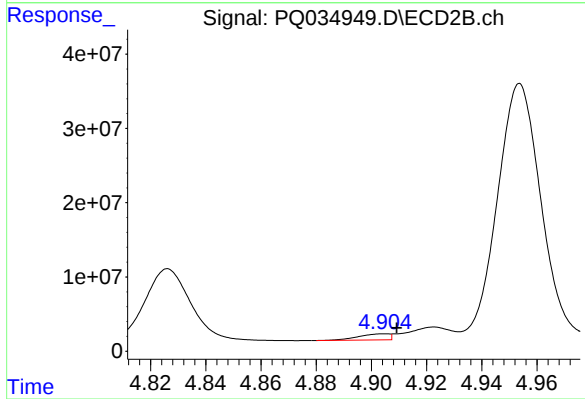
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

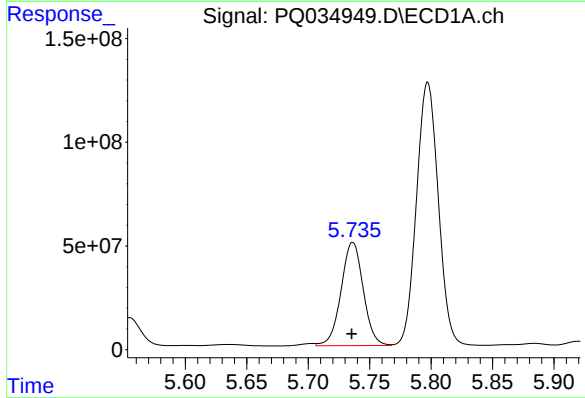
R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 8345187
Conc: 89.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



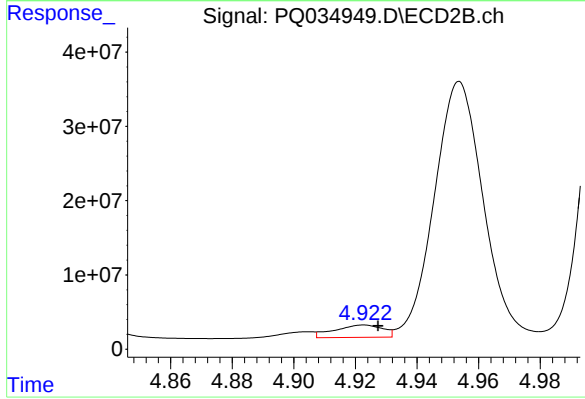
#3 AR-1016-1

R.T.: 4.905 min
Delta R.T.: -0.004 min
Response: 6346331
Conc: 96.61 ng/ml



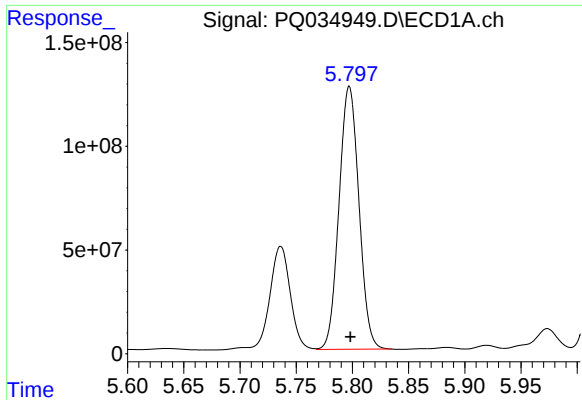
#4 AR-1016-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 623987085
Conc: 4532.42 ng/ml



#4 AR-1016-2

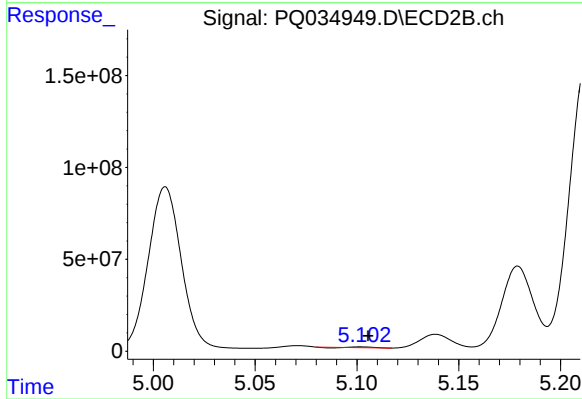
R.T.: 4.923 min
Delta R.T.: -0.004 min
Response: 18074077
Conc: 193.91 ng/ml



#5 AR-1016-3

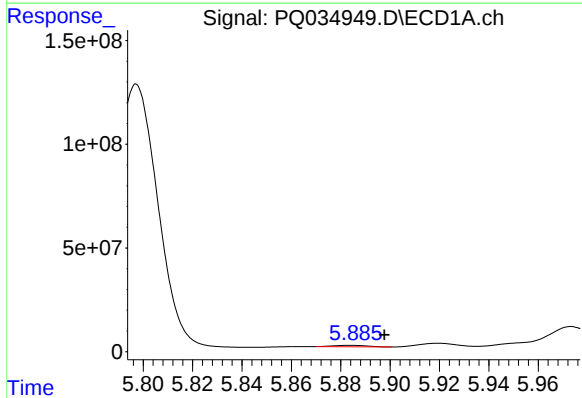
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 1562316657
Conc: 18914.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



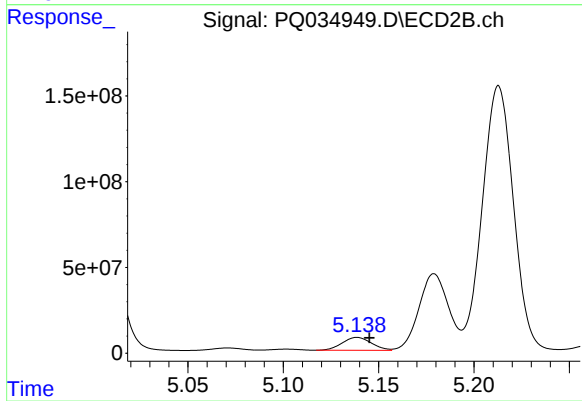
#5 AR-1016-3

R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 970177
Conc: 19.90 ng/ml



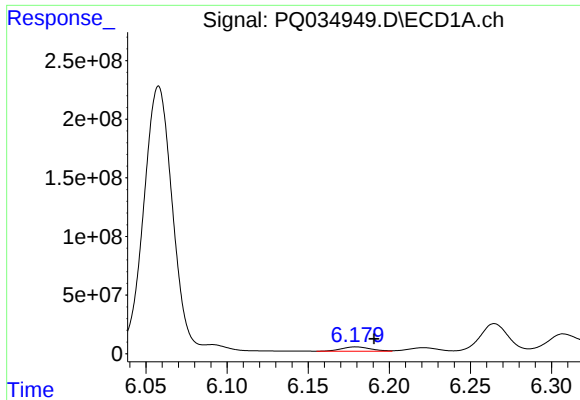
#6 AR-1016-4

R.T.: 5.884 min
Delta R.T.: -0.014 min
Response: 6623197
Conc: 97.82 ng/ml



#6 AR-1016-4

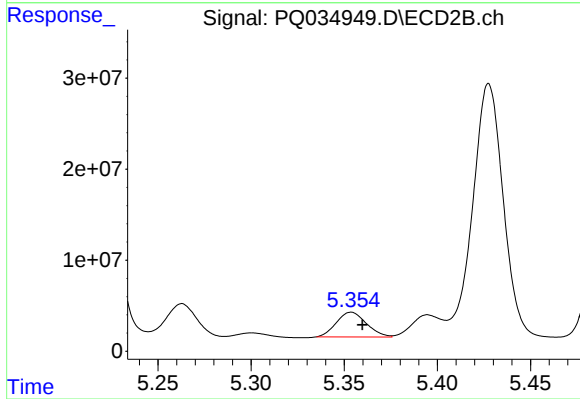
R.T.: 5.139 min
Delta R.T.: -0.006 min
Response: 79842071
Conc: 2037.56 ng/ml



#7 AR-1016-5

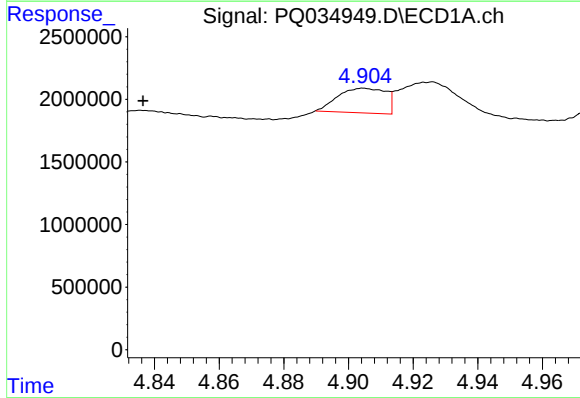
R.T.: 6.179 min
Delta R.T.: -0.011 min
Response: 45456418
Conc: 660.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



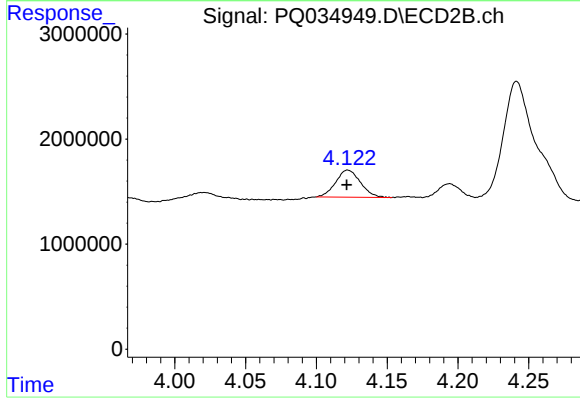
#7 AR-1016-5

R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 30581844
Conc: 589.98 ng/ml



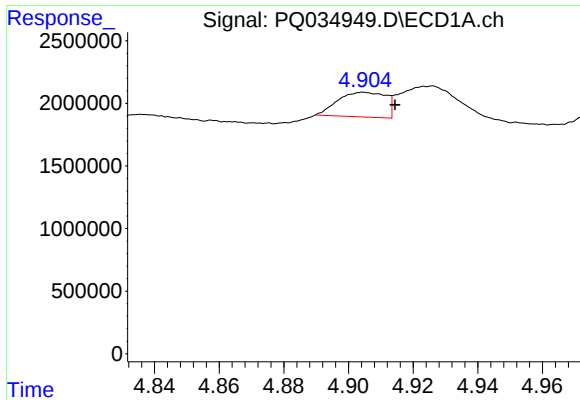
#9 AR-1221-2

R.T.: 4.905 min
Delta R.T.: 0.068 min
Response: 2010556
Conc: 95.38 ng/ml



#9 AR-1221-2

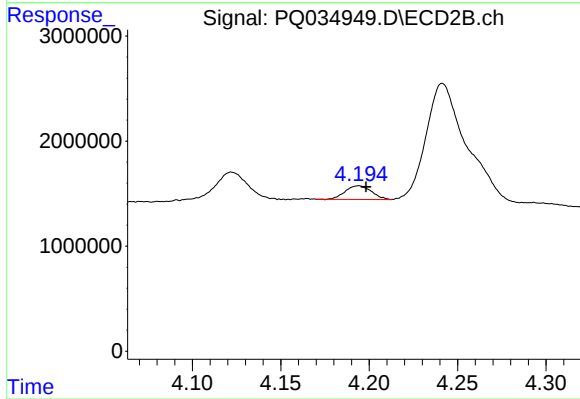
R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 3150833
Conc: 226.89 ng/ml



#10 AR-1221-3

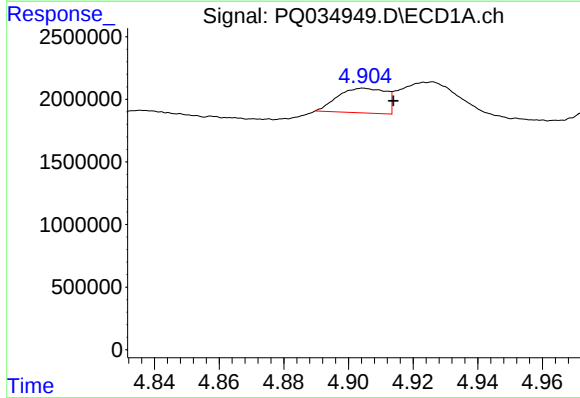
R.T.: 4.905 min
Delta R.T.: -0.010 min
Response: 2010556
Conc: 27.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



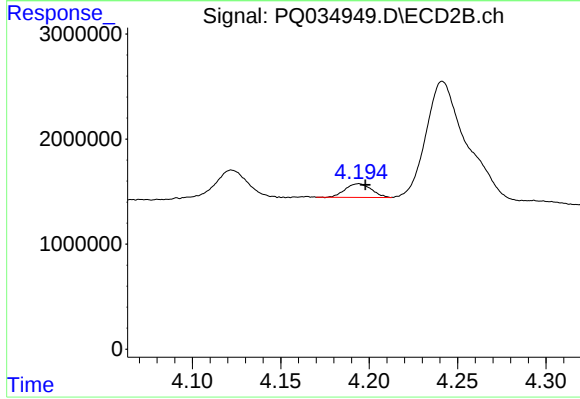
#10 AR-1221-3

R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 1329270
Conc: 27.47 ng/ml



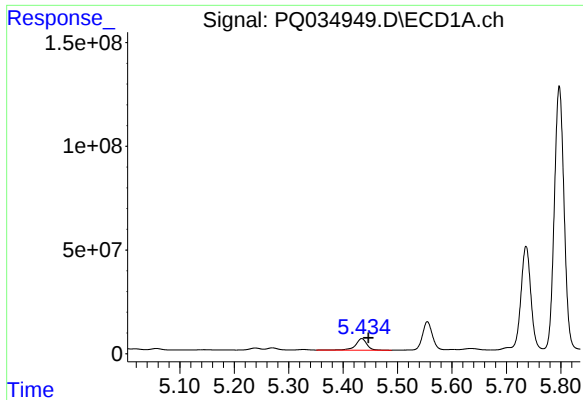
#11 AR-1232-1

R.T.: 4.905 min
Delta R.T.: -0.009 min
Response: 2010556
Conc: 37.22 ng/ml



#11 AR-1232-1

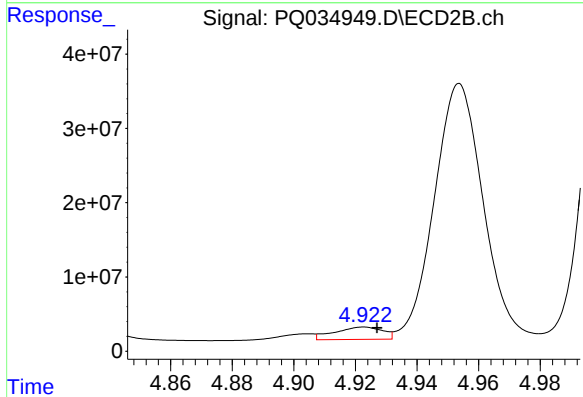
R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 1329270
Conc: 37.91 ng/ml



#12 AR-1232-2

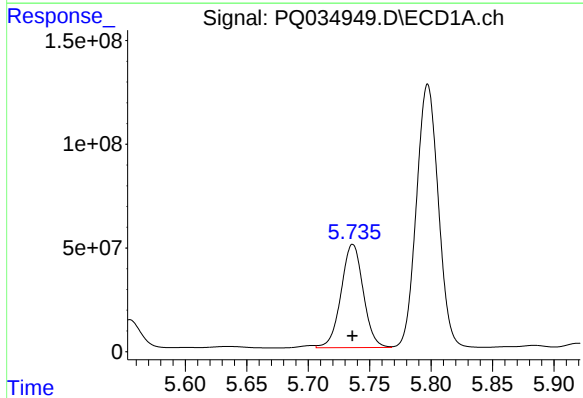
R.T.: 5.434 min
Delta R.T.: -0.012 min
Response: 81826858
Conc: 2840.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



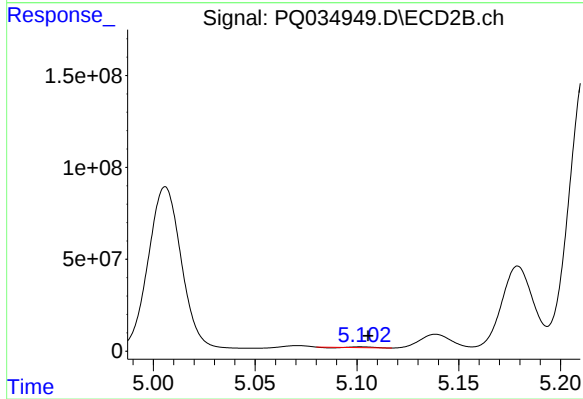
#12 AR-1232-2

R.T.: 4.923 min
Delta R.T.: -0.004 min
Response: 18074077
Conc: 466.46 ng/ml



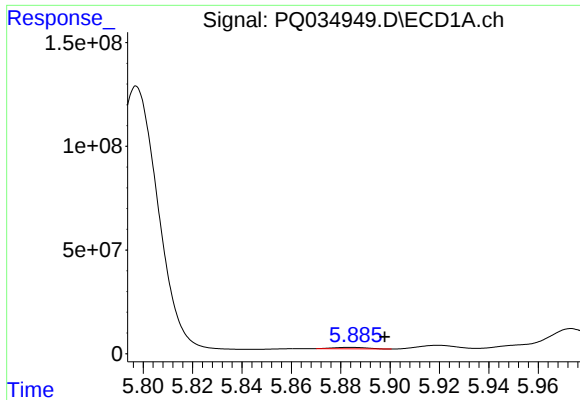
#13 AR-1232-3

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 623987085
Conc: 10616.76 ng/ml



#13 AR-1232-3

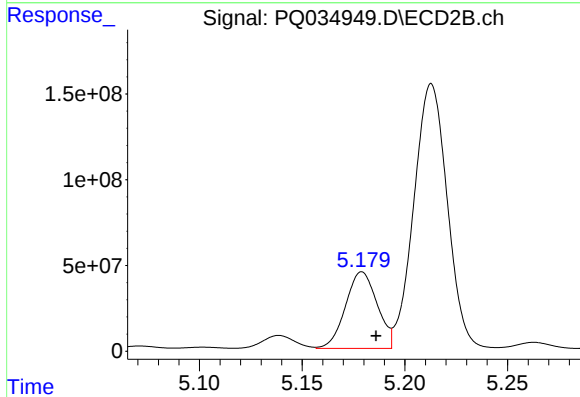
R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 970177
Conc: 48.35 ng/ml



#14 AR-1232-4

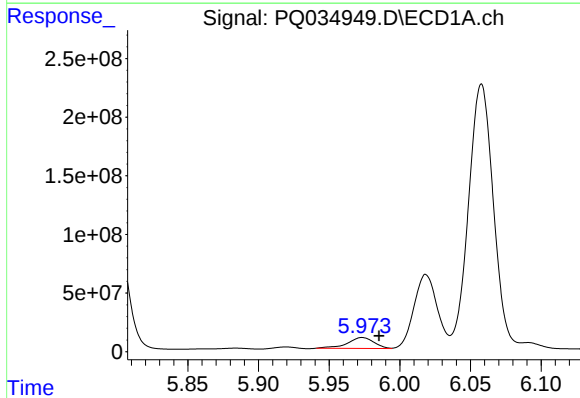
R.T.: 5.884 min
Delta R.T.: -0.014 min
Response: 6623197
Conc: 238.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



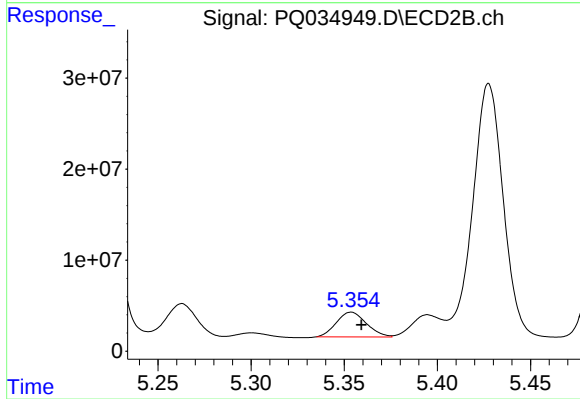
#14 AR-1232-4

R.T.: 5.179 min
Delta R.T.: -0.007 min
Response: 478372374
Conc: 27528.88 ng/ml



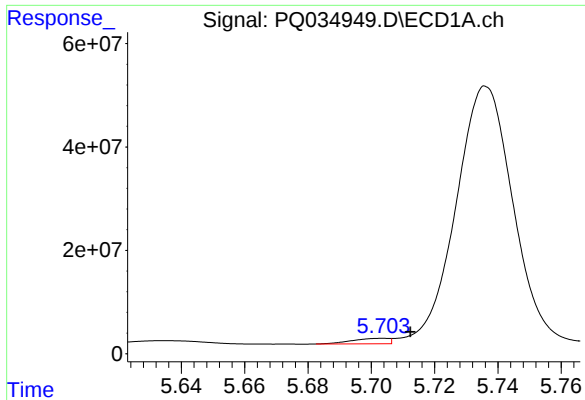
#15 AR-1232-5

R.T.: 5.973 min
Delta R.T.: -0.012 min
Response: 120534292
Conc: 5499.29 ng/ml



#15 AR-1232-5

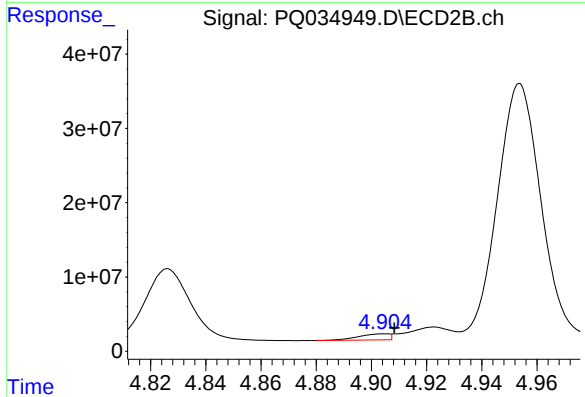
R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 30581844
Conc: 1579.99 ng/ml



#16 AR-1242-1

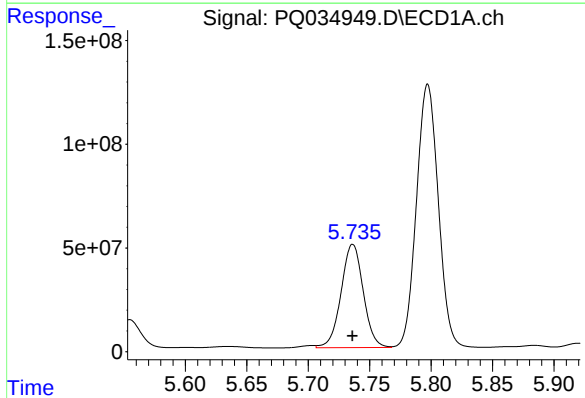
R.T.: 5.704 min
Delta R.T.: -0.009 min
Response: 8345187
Conc: 109.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



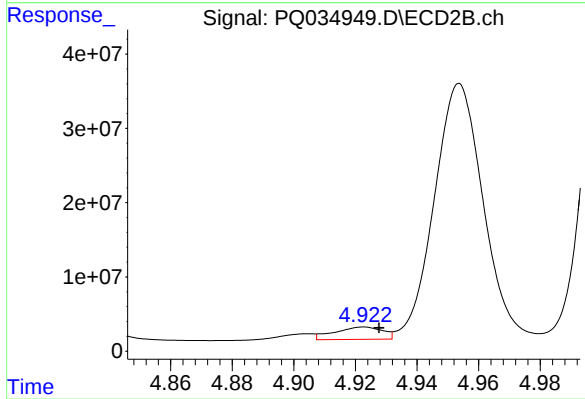
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: -0.004 min
Response: 6346331
Conc: 122.11 ng/ml



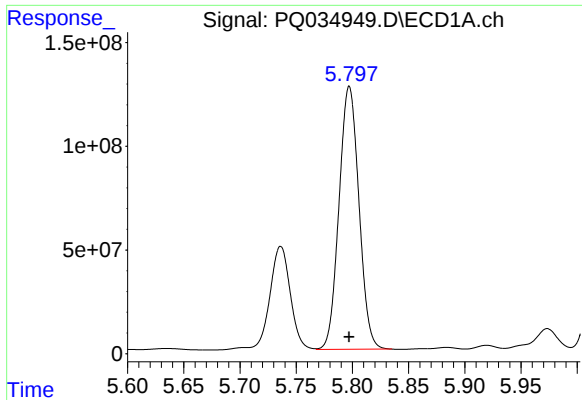
#17 AR-1242-2

R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 623987085
Conc: 5582.65 ng/ml



#17 AR-1242-2

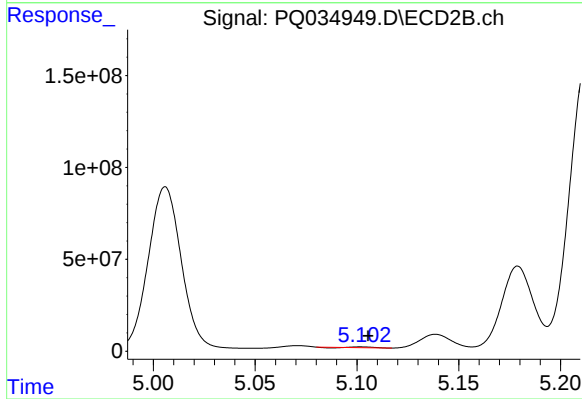
R.T.: 4.923 min
Delta R.T.: -0.005 min
Response: 18074077
Conc: 242.41 ng/ml



#18 AR-1242-3

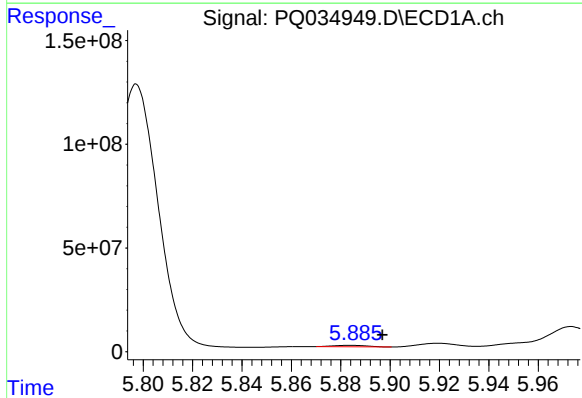
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 1562316657
Conc: 23468.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



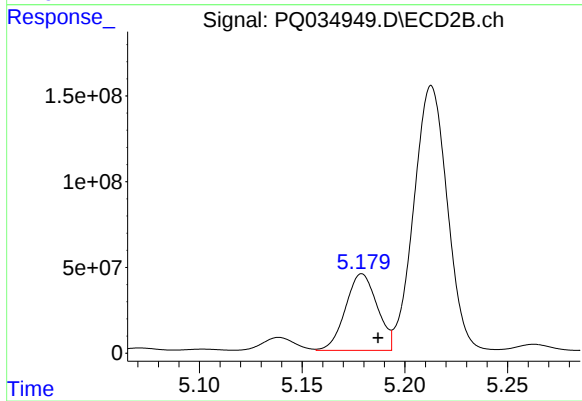
#18 AR-1242-3

R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 970177
Conc: 24.91 ng/ml



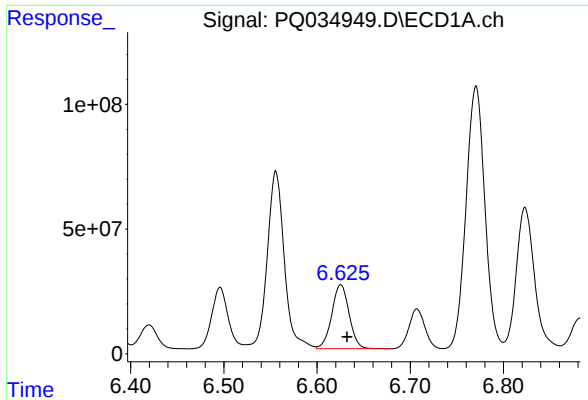
#19 AR-1242-4

R.T.: 5.884 min
Delta R.T.: -0.013 min
Response: 6623197
Conc: 120.92 ng/ml



#19 AR-1242-4

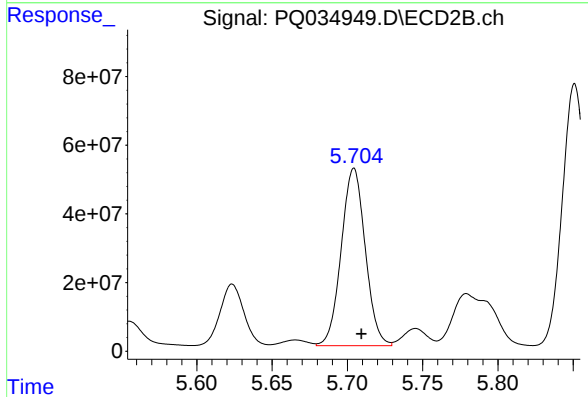
R.T.: 5.179 min
Delta R.T.: -0.008 min
Response: 478372374
Conc: 12388.64 ng/ml



#20 AR-1242-5

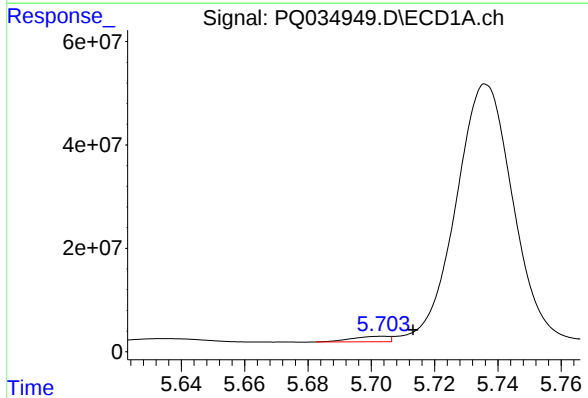
R.T.: 6.625 min
Delta R.T.: -0.007 min
Response: 333052106
Conc: 5382.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



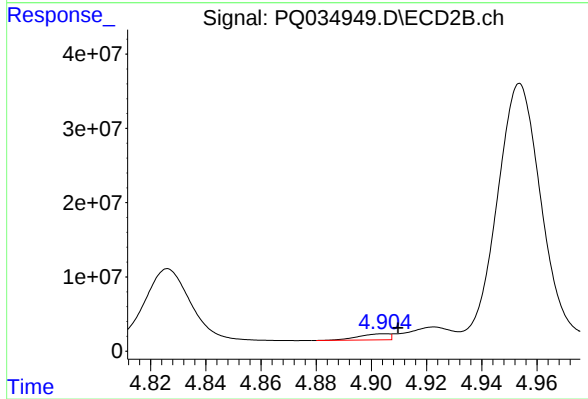
#20 AR-1242-5

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 574186431
Conc: 11553.56 ng/ml



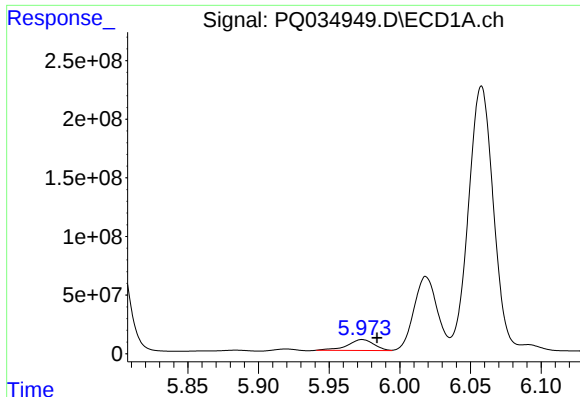
#21 AR-1248-1

R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 8345187
Conc: 140.53 ng/ml



#21 AR-1248-1

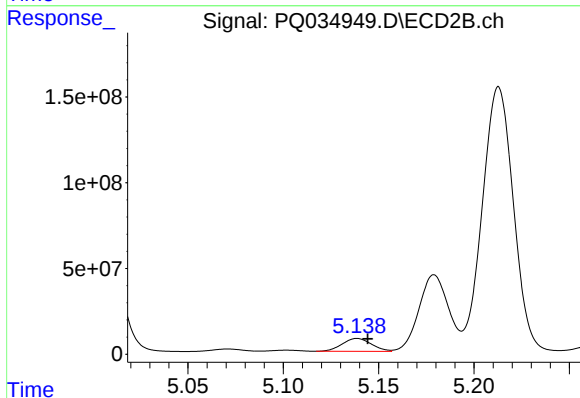
R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 6346331
Conc: 157.23 ng/ml



#22 AR-1248-2

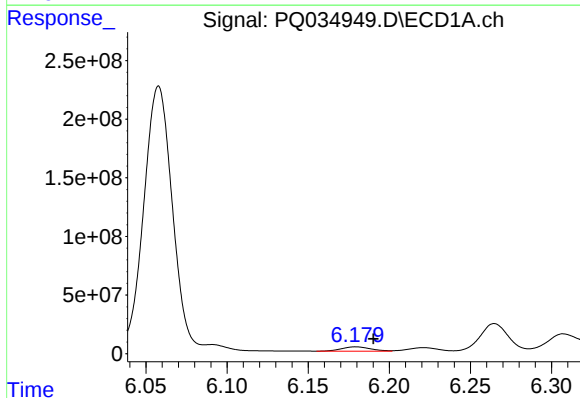
R.T.: 5.973 min
Delta R.T.: -0.010 min
Response: 120534292
Conc: 1440.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



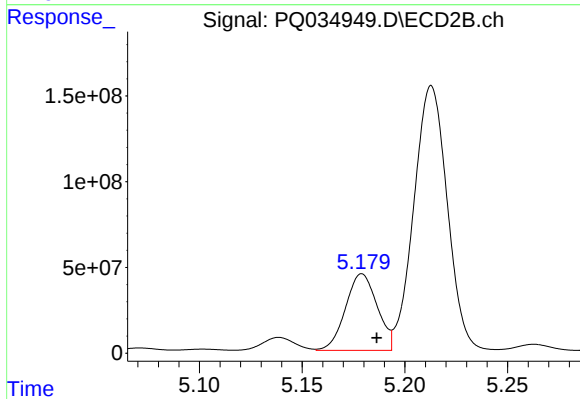
#22 AR-1248-2

R.T.: 5.139 min
Delta R.T.: -0.005 min
Response: 79842071
Conc: 1448.24 ng/ml



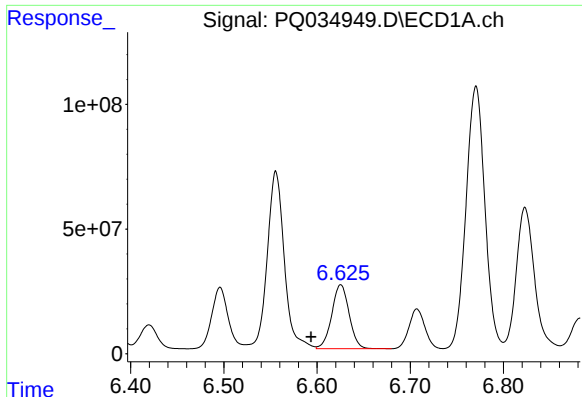
#23 AR-1248-3

R.T.: 6.179 min
Delta R.T.: -0.011 min
Response: 45456418
Conc: 471.01 ng/ml



#23 AR-1248-3

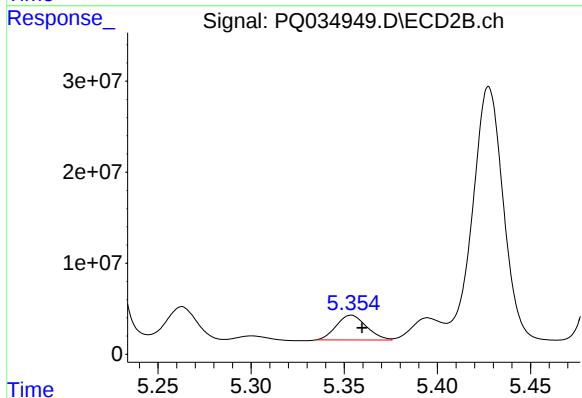
R.T.: 5.179 min
Delta R.T.: -0.007 min
Response: 478372374
Conc: 8494.18 ng/ml



#24 AR-1248-4

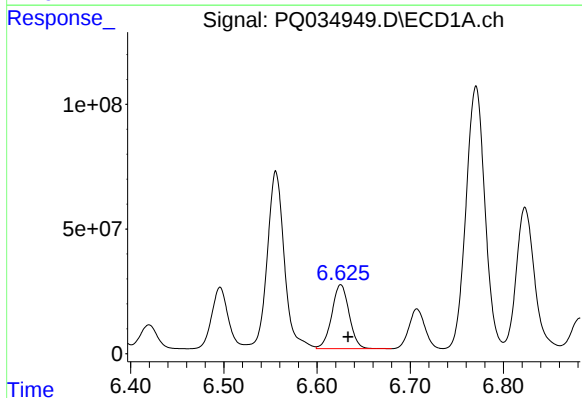
R.T.: 6.625 min
Delta R.T.: 0.032 min
Response: 333052106
Conc: 3036.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



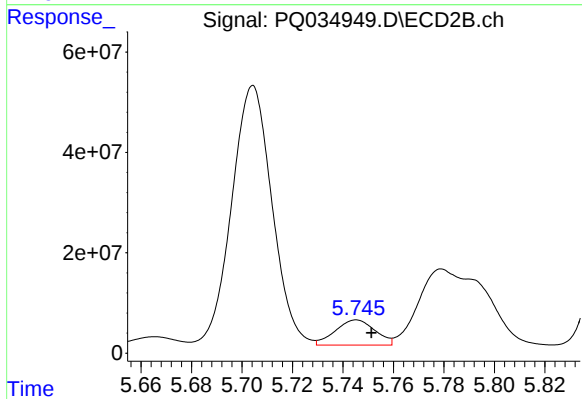
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 30581844
Conc: 440.67 ng/ml



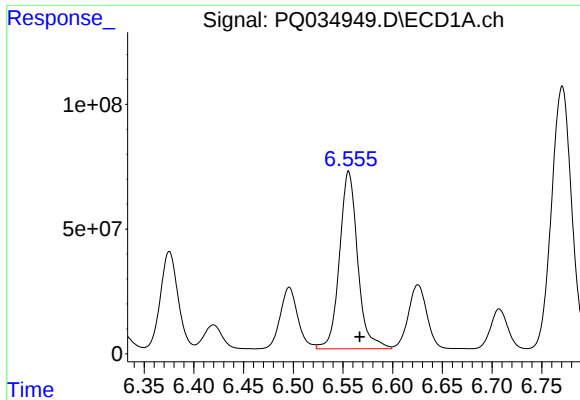
#25 AR-1248-5

R.T.: 6.625 min
Delta R.T.: -0.008 min
Response: 333052106
Conc: 3195.03 ng/ml



#25 AR-1248-5

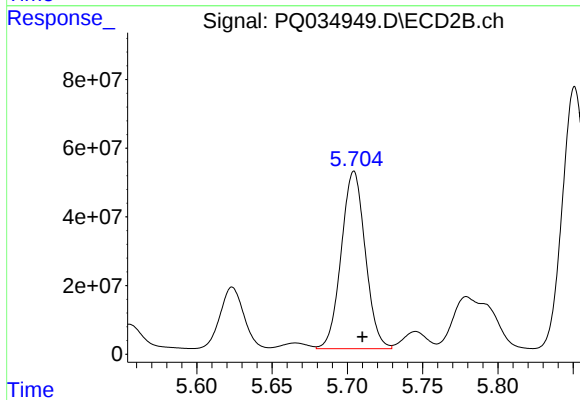
R.T.: 5.745 min
Delta R.T.: -0.006 min
Response: 54836360
Conc: 768.37 ng/ml



#26 AR-1254-1

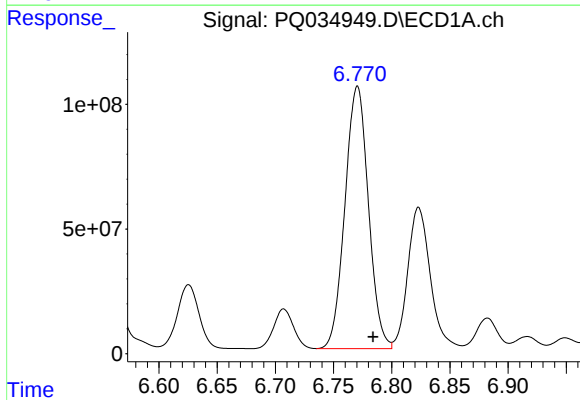
R.T.: 6.556 min
Delta R.T.: -0.011 min
Response: 907472659
Conc: 8111.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



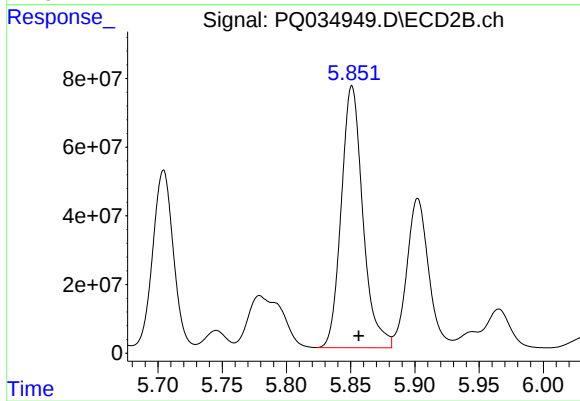
#26 AR-1254-1

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 574186431
Conc: 5253.10 ng/ml



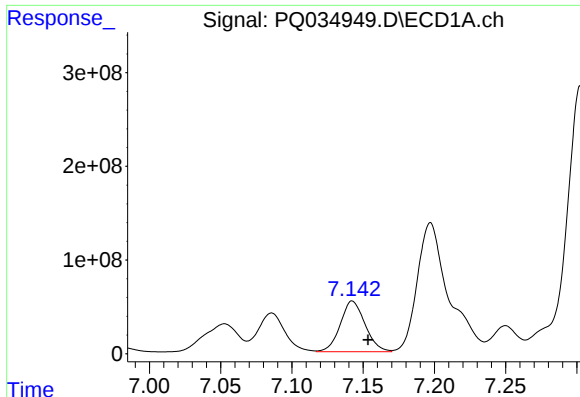
#27 AR-1254-2

R.T.: 6.771 min
Delta R.T.: -0.013 min
Response: 1477674120
Conc: 8352.14 ng/ml



#27 AR-1254-2

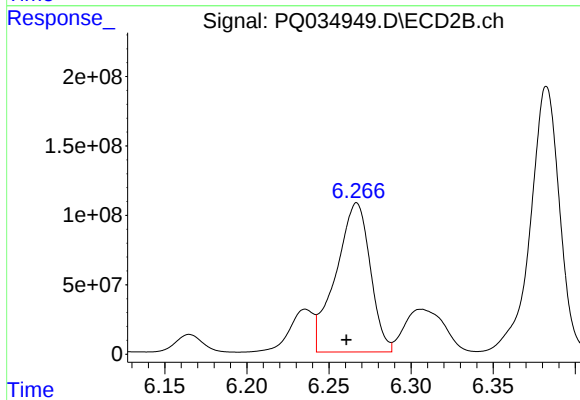
R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 893631375
Conc: 9349.02 ng/ml



#28 AR-1254-3

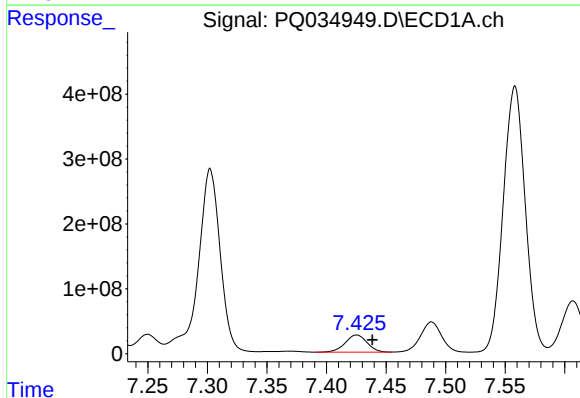
R.T.: 7.142 min
Delta R.T.: -0.011 min
Response: 657129238
Conc: 3390.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



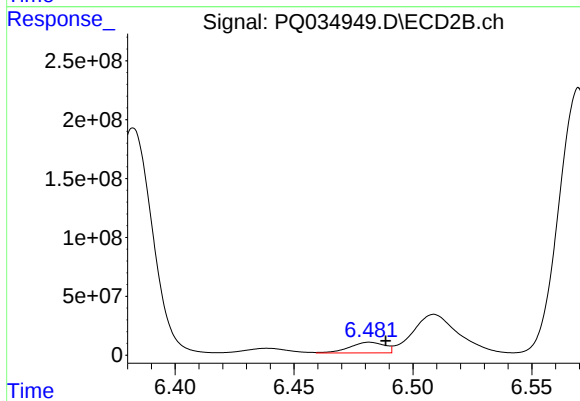
#28 AR-1254-3

R.T.: 6.267 min
Delta R.T.: 0.006 min
Response: 1563782245
Conc: 9671.43 ng/ml



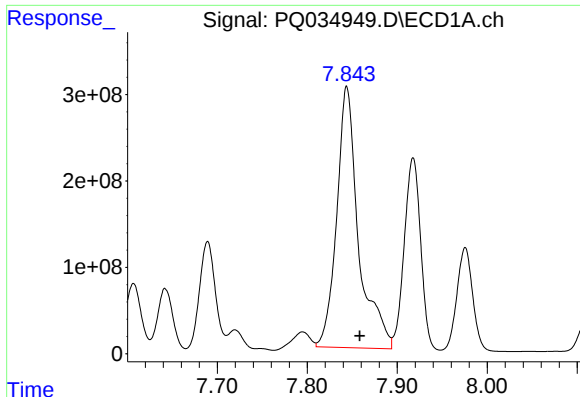
#29 AR-1254-4

R.T.: 7.425 min
Delta R.T.: -0.013 min
Response: 341352727
Conc: 2404.91 ng/ml



#29 AR-1254-4

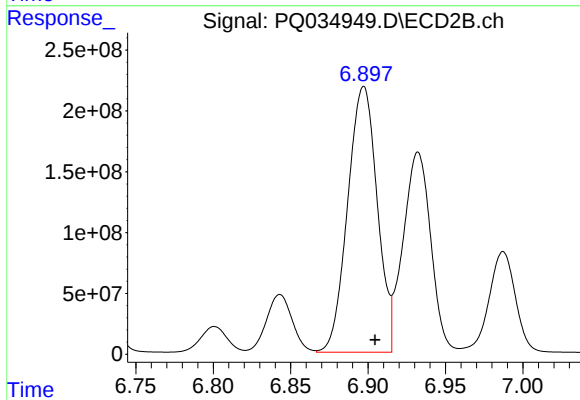
R.T.: 6.482 min
Delta R.T.: -0.007 min
Response: 92193014
Conc: 890.75 ng/ml



#30 AR-1254-5

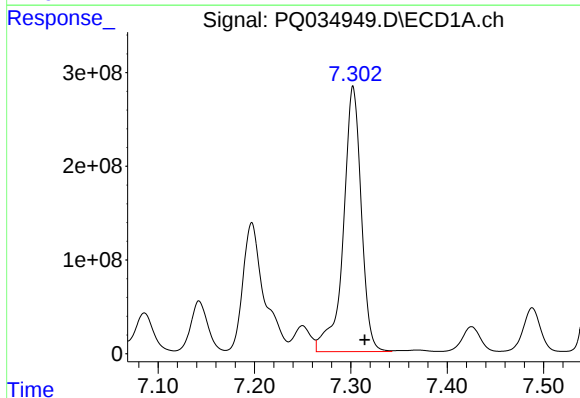
R.T.: 7.844 min
Delta R.T.: -0.015 min
Response: 5094948435
Conc: 33848.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



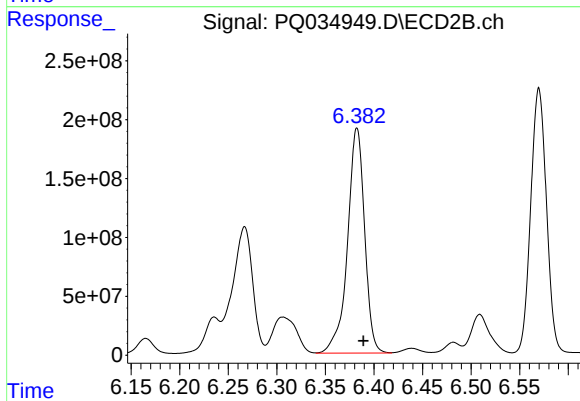
#30 AR-1254-5

R.T.: 6.897 min
Delta R.T.: -0.007 min
Response: 2904392148
Conc: 20470.37 ng/ml



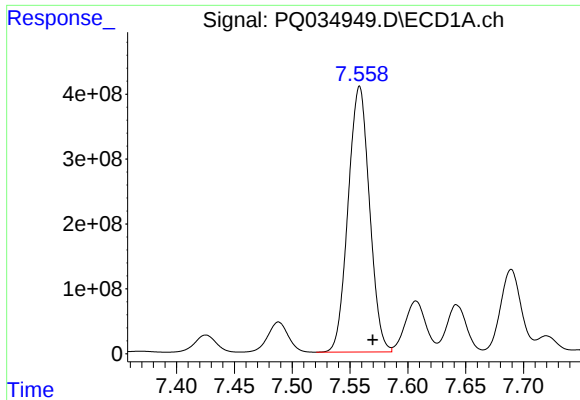
#31 AR-1260-1

R.T.: 7.302 min
Delta R.T.: -0.012 min
Response: 3649433144
Conc: 26289.92 ng/ml



#31 AR-1260-1

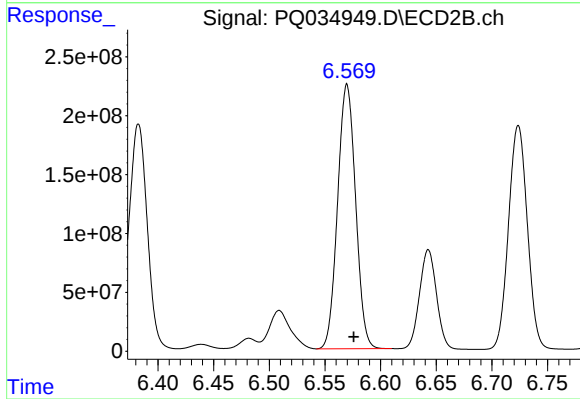
R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2340937960
Conc: 21833.43 ng/ml



#32 AR-1260-2

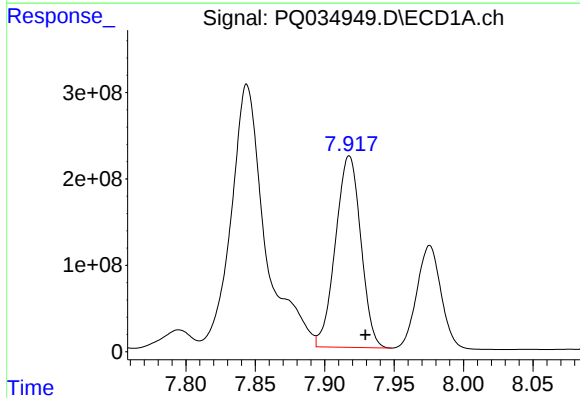
R.T.: 7.558 min
Delta R.T.: -0.011 min
Response: 5269293229
Conc: 30821.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



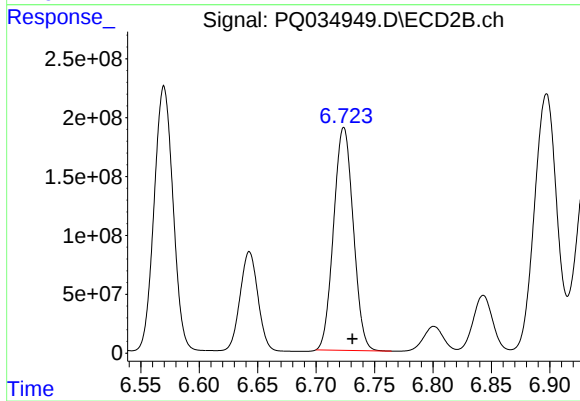
#32 AR-1260-2

R.T.: 6.570 min
Delta R.T.: -0.006 min
Response: 2526144206
Conc: 18809.96 ng/ml



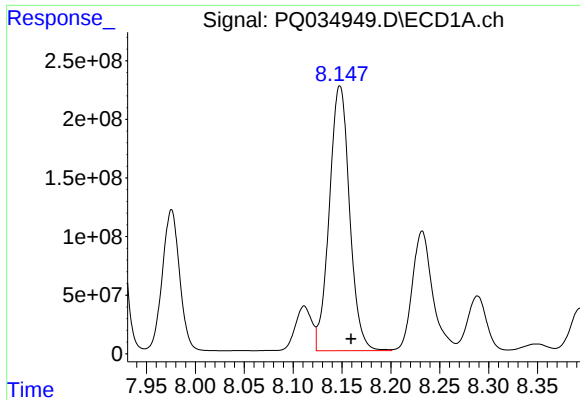
#33 AR-1260-3

R.T.: 7.918 min
Delta R.T.: -0.012 min
Response: 2813520670
Conc: 26399.71 ng/ml



#33 AR-1260-3

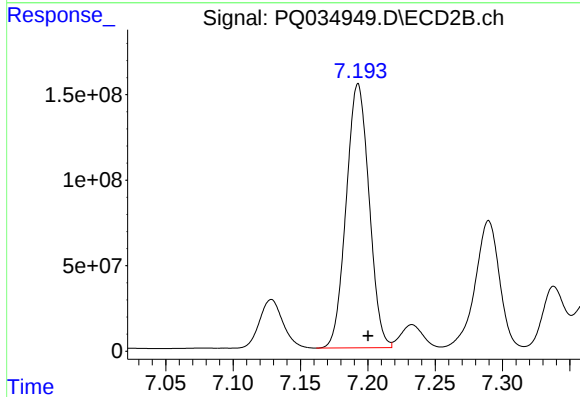
R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 2212645377
Conc: 18023.47 ng/ml



#34 AR-1260-4

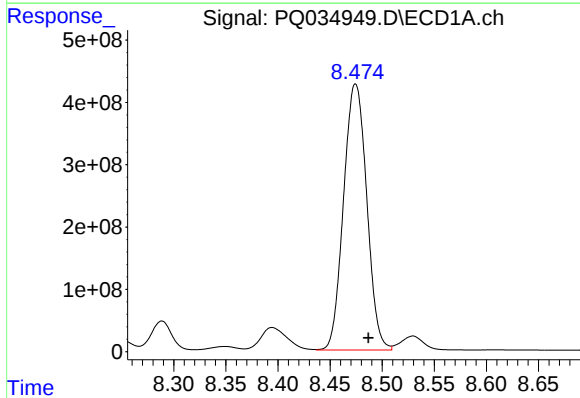
R.T.: 8.148 min
Delta R.T.: -0.011 min
Response: 3262788421
Conc: 24634.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



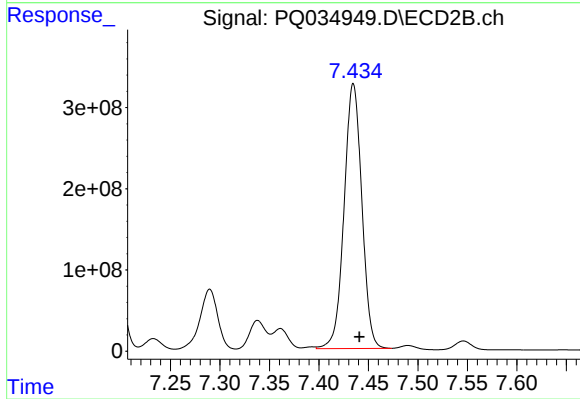
#34 AR-1260-4

R.T.: 7.193 min
Delta R.T.: -0.007 min
Response: 1826381922
Conc: 21175.43 ng/ml



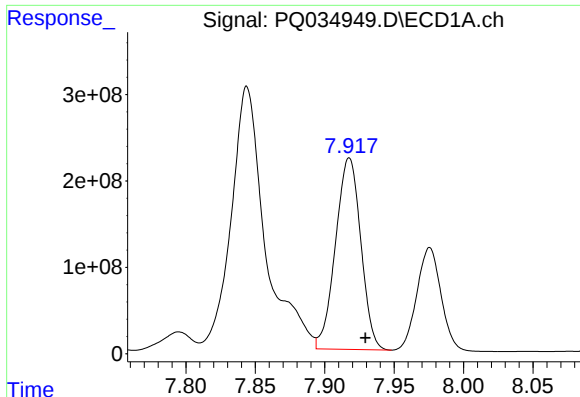
#35 AR-1260-5

R.T.: 8.474 min
Delta R.T.: -0.012 min
Response: 6608543720
Conc: 24356.55 ng/ml



#35 AR-1260-5

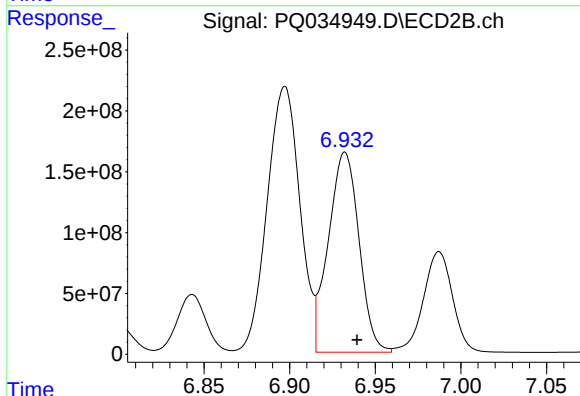
R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 4068591107
Conc: 18508.71 ng/ml



#36 AR-1262-1

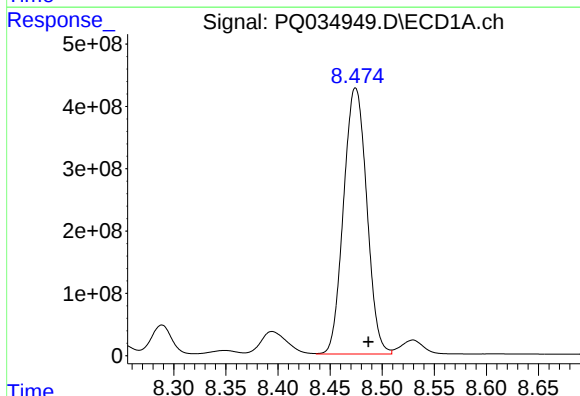
R.T.: 7.918 min
Delta R.T.: -0.012 min
Response: 2813520670
Conc: 14867.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



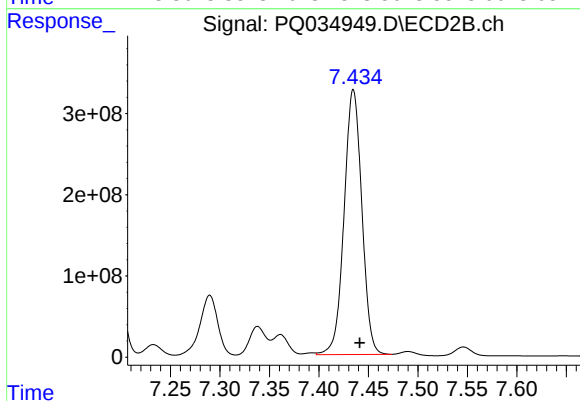
#36 AR-1262-1

R.T.: 6.932 min
Delta R.T.: -0.007 min
Response: 2049026261
Conc: 13770.91 ng/ml



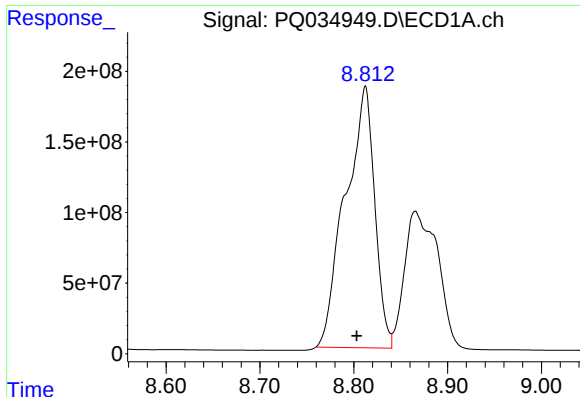
#37 AR-1262-2

R.T.: 8.474 min
Delta R.T.: -0.012 min
Response: 6608543720
Conc: 18811.97 ng/ml



#37 AR-1262-2

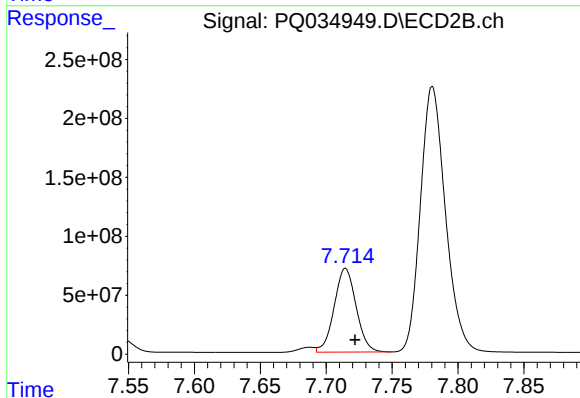
R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 4068591107
Conc: 14777.17 ng/ml



#38 AR-1262-3

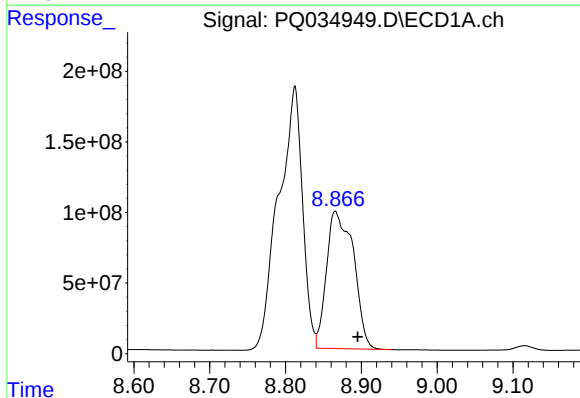
R.T.: 8.812 min
Delta R.T.: 0.009 min
Response: 4016325762
Conc: 17479.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



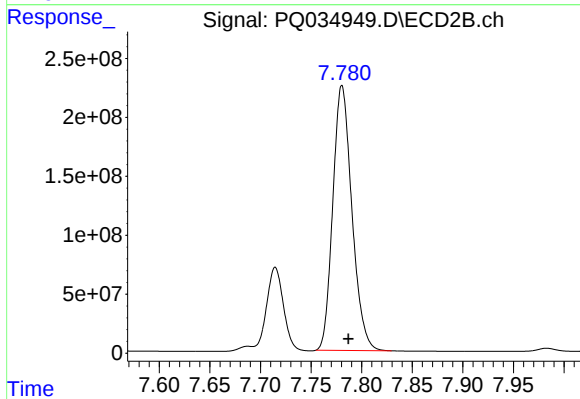
#38 AR-1262-3

R.T.: 7.715 min
Delta R.T.: -0.007 min
Response: 824572614
Conc: 7625.25 ng/ml



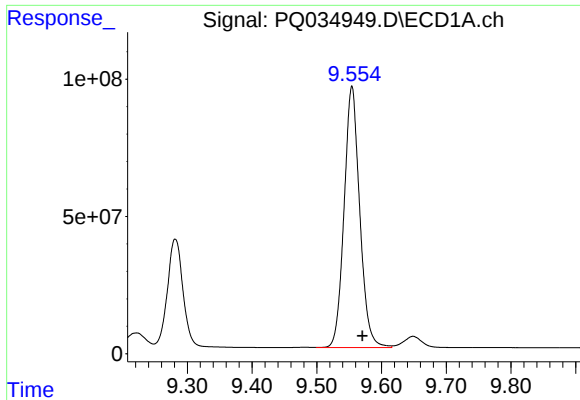
#39 AR-1262-4

R.T.: 8.866 min
Delta R.T.: -0.030 min
Response: 2403191788
Conc: 14099.76 ng/ml



#39 AR-1262-4

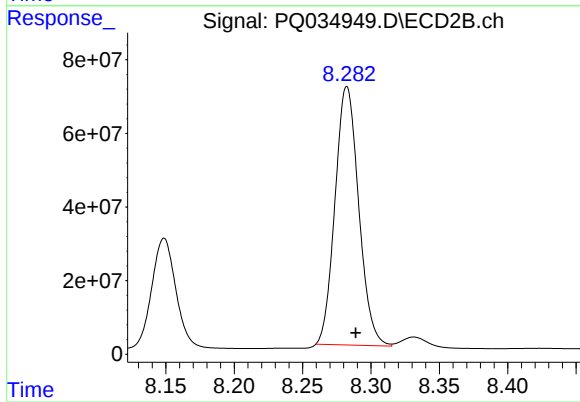
R.T.: 7.781 min
Delta R.T.: -0.006 min
Response: 2950968453
Conc: 14733.07 ng/ml



#40 AR-1262-5

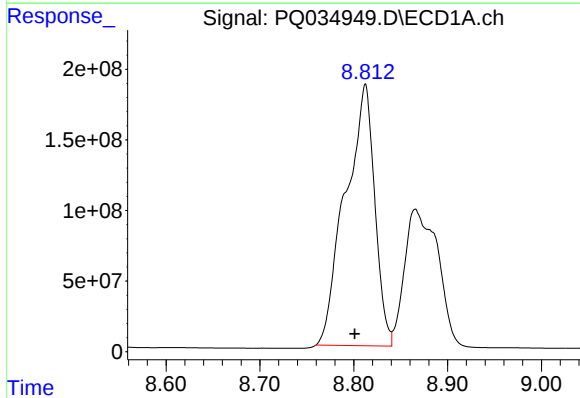
R.T.: 9.554 min
Delta R.T.: -0.016 min
Response: 1597411157
Conc: 13098.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



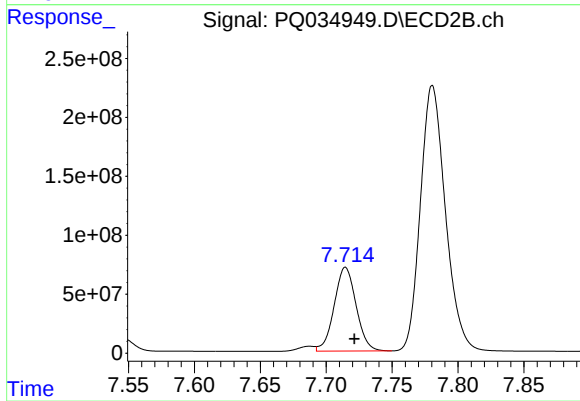
#40 AR-1262-5

R.T.: 8.282 min
Delta R.T.: -0.006 min
Response: 846532865
Conc: 9296.64 ng/ml



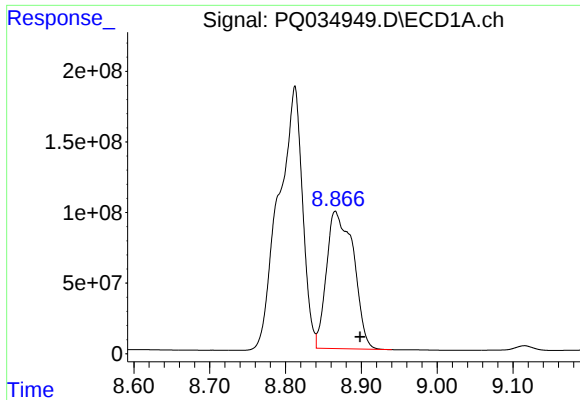
#41 AR-1268-1

R.T.: 8.812 min
Delta R.T.: 0.011 min
Response: 4016325762
Conc: 9320.64 ng/ml



#41 AR-1268-1

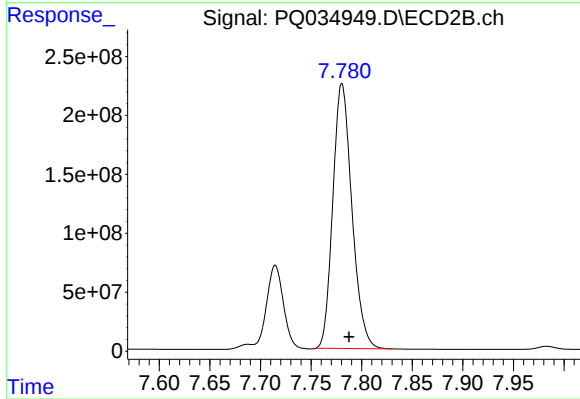
R.T.: 7.715 min
Delta R.T.: -0.007 min
Response: 824572614
Conc: 2475.98 ng/ml



#42 AR-1268-2

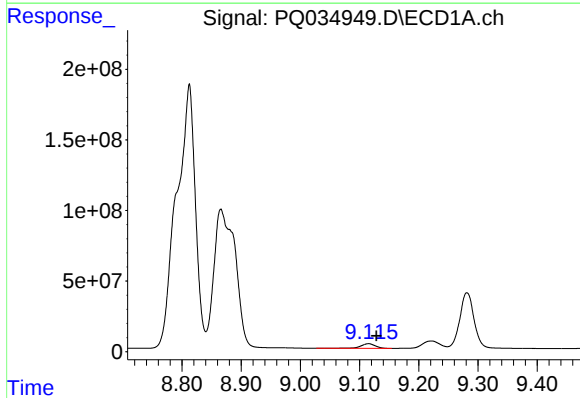
R.T.: 8.866 min
Delta R.T.: -0.033 min
Response: 2403191788
Conc: 6191.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



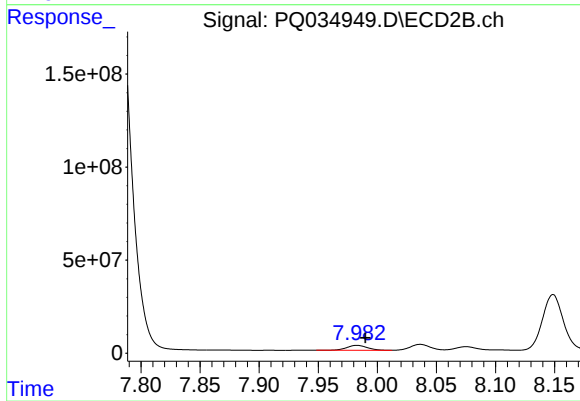
#42 AR-1268-2

R.T.: 7.781 min
Delta R.T.: -0.007 min
Response: 2950968453
Conc: 9880.67 ng/ml



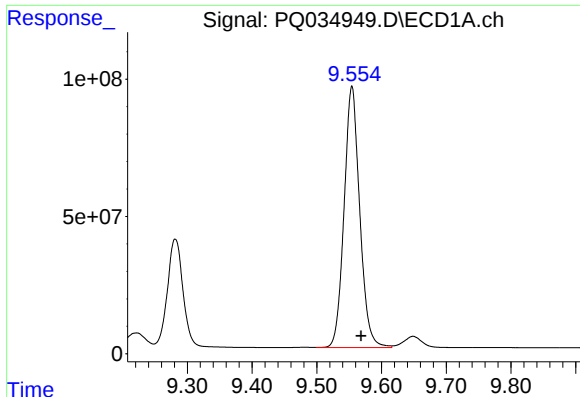
#43 AR-1268-3

R.T.: 9.115 min
Delta R.T.: -0.013 min
Response: 56939052
Conc: 171.40 ng/ml



#43 AR-1268-3

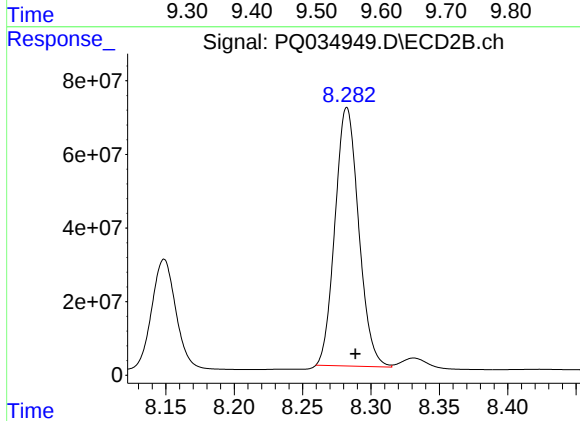
R.T.: 7.983 min
Delta R.T.: -0.007 min
Response: 32092330
Conc: 129.44 ng/ml



#44 AR-1268-4

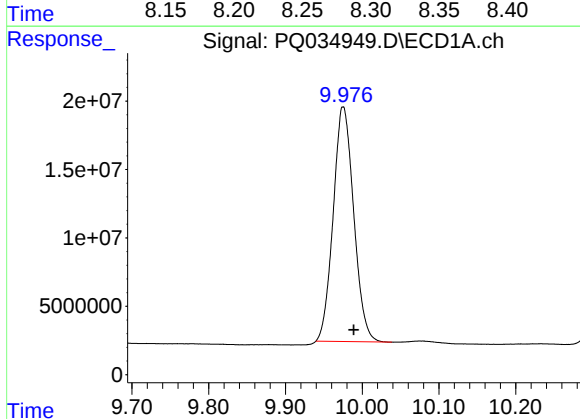
R.T.: 9.554 min
Delta R.T.: -0.014 min
Response: 1597411157
Conc: 11565.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



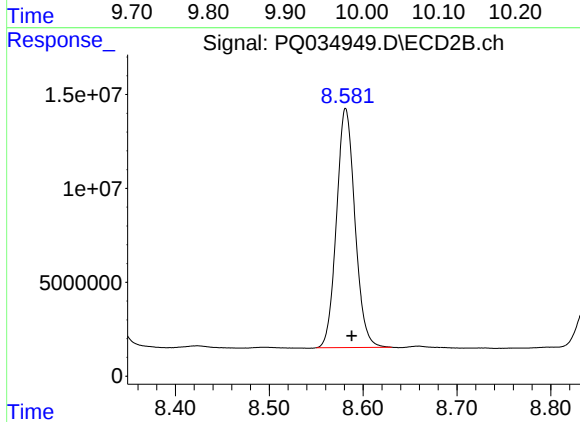
#44 AR-1268-4

R.T.: 8.282 min
Delta R.T.: -0.006 min
Response: 846532865
Conc: 7959.25 ng/ml



#45 AR-1268-5

R.T.: 9.975 min
Delta R.T.: -0.014 min
Response: 318738411
Conc: 289.16 ng/ml



#45 AR-1268-5

R.T.: 8.581 min
Delta R.T.: -0.007 min
Response: 173660192
Conc: 218.31 ng/ml