

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092321\
 Data File : PQ054657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2021 13:30
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 144 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:03:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.200	4.206	1265.6E6	674.5E6	52.996	51.022
2)	SA Decachlor...	11.369	9.535	980.4E6	597.3E6	58.087	44.075
Target Compounds							
3)	L1 AR-1016-1	6.524	5.465	219.9E6	131.2E6	266.632	289.073
4)	L1 AR-1016-2	6.549	5.485	290.4E6	150.0E6	238.045	211.421
5)	L1 AR-1016-3	6.615	5.679	148.1E6	89864654	195.668	262.398 #
6)	L1 AR-1016-4	6.722	5.728	153.3E6	180.8E6	247.987	651.104 #
7)	L1 AR-1016-5	7.036	5.959	341.2E6	186.4E6	600.558	540.100
8)	L2 AR-1221-1	5.443	0.000	4979481	0	19.329	N.D. #
9)	L2 AR-1221-2	5.555	4.563	25684591	9254209	134.366	97.129 #
10)	L2 AR-1221-3	5.640	4.653	33335481	17931253	55.620	56.132
11)	L3 AR-1232-1	5.640	4.653	33335481	17931253	72.041	74.956
12)	L3 AR-1232-2	6.229	5.485	113.4E6	150.0E6	400.579	483.299
13)	L3 AR-1232-3	6.549	5.679	290.4E6	89864654	552.247	623.610
14)	L3 AR-1232-4	6.722	5.773	153.3E6	181.4E6	573.923	1436.172 #
15)	L3 AR-1232-5	6.816	5.959	305.2E6	186.4E6	1509.652	1285.435
16)	L4 AR-1242-1	6.524	5.465	219.9E6	131.2E6	373.375	406.691
17)	L4 AR-1242-2	6.549	5.485	290.4E6	150.0E6	323.633	294.415
18)	L4 AR-1242-3	6.615	5.679	148.1E6	89864654	263.608	349.968 #
19)	L4 AR-1242-4	6.722	5.773	153.3E6	181.4E6	335.166	716.814 #
20)	L4 AR-1242-5	7.504	6.337	387.0E6	341.7E6	826.443	961.740
21)	L5 AR-1248-1	6.524	5.465	219.9E6	131.2E6	439.431	501.424
22)	L5 AR-1248-2	6.816	5.728	305.2E6	180.8E6	469.829	507.735
23)	L5 AR-1248-3	7.036	5.773	341.2E6	181.4E6	477.115	510.166
24)	L5 AR-1248-4	7.464	5.959	381.2E6	186.4E6	481.844	434.002
25)	L5 AR-1248-5	7.504	6.381	387.0E6	234.0E6	482.221	546.165
26)	L6 AR-1254-1	7.434	6.337	292.2E6	341.7E6	335.399	448.519 #
27)	L6 AR-1254-2	7.670	6.496	381.5E6	111.3E6	285.194	159.118 #
28)	L6 AR-1254-3	8.044	6.916	225.0E6	140.5E6	161.543	127.433
29)	L6 AR-1254-4	8.339	7.155	152.2E6	109.2E6	142.827	144.384
30)	L6 AR-1254-5	8.767	7.583	31851343	25603331	27.714	23.134
31)	L7 AR-1260-1	8.208	7.064	40034811	68206983	40.342	90.824 #
32)	L7 AR-1260-2	8.471	7.248	49050917	21026377	41.685	20.317 #
33)	L7 AR-1260-3	8.835	7.403	7882637	17613536	10.292	19.921 #
34)	L7 AR-1260-4	9.076	7.886	15528695	4141197	16.624	5.985 #
35)	L7 AR-1260-5	9.424	8.133	10958012	9648255	5.944	5.048
36)	L8 AR-1262-1	8.835	7.583	7882637	25603331	6.709	49.554 #
37)	L8 AR-1262-2	9.424	8.133	10958012	9648255	5.052	4.356
38)	L8 AR-1262-3	9.755	8.419	1896784	4575472	2.130	5.157 #
39)	L8 AR-1262-4	0.000	8.484	0	7367833	N.D.	4.845 #
40)	L8 AR-1262-5	10.569	8.985	1136657	2828014	1.479	4.118 #
41)	L9 AR-1268-1	9.755	8.419	1896784	4575472	0.756	1.686 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092321\
 Data File : PQ054657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2021 13:30
 Operator : AJ\MA
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 144 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:03:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

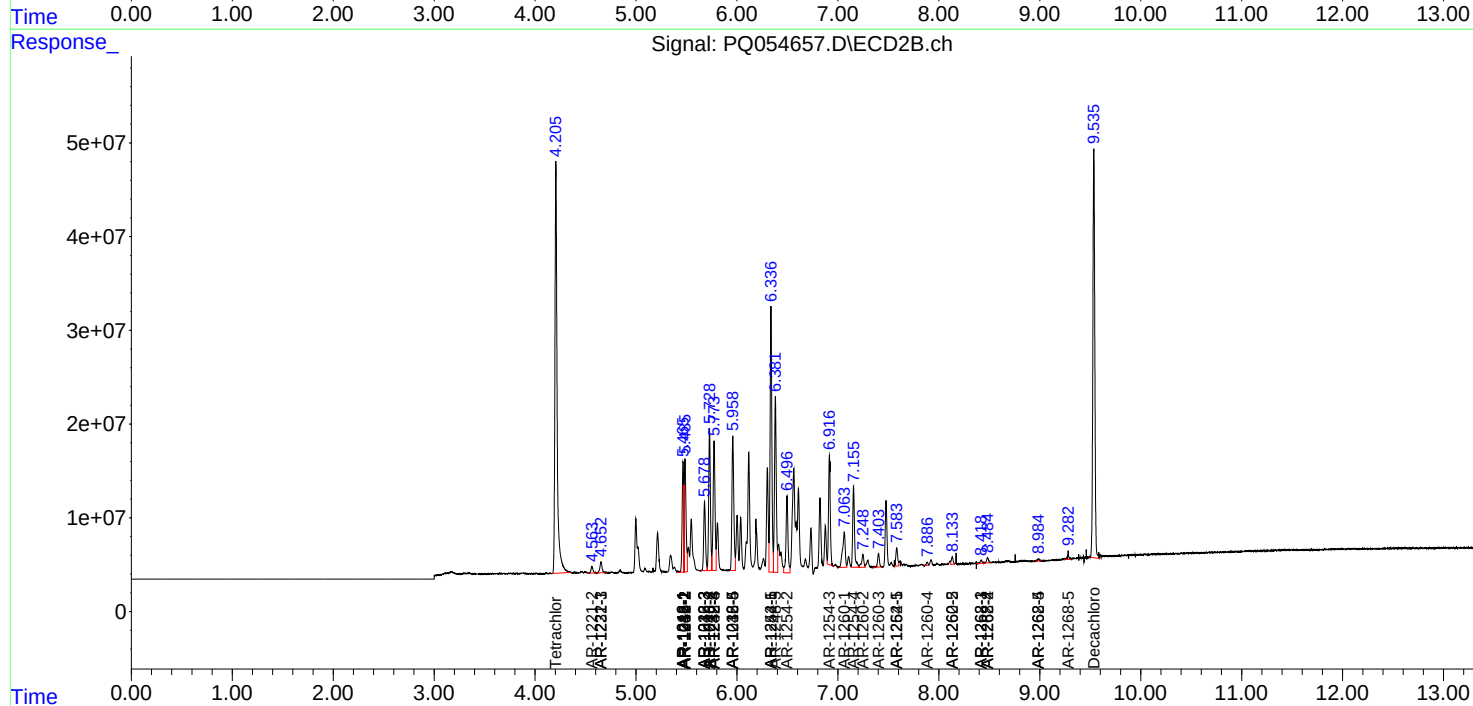
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

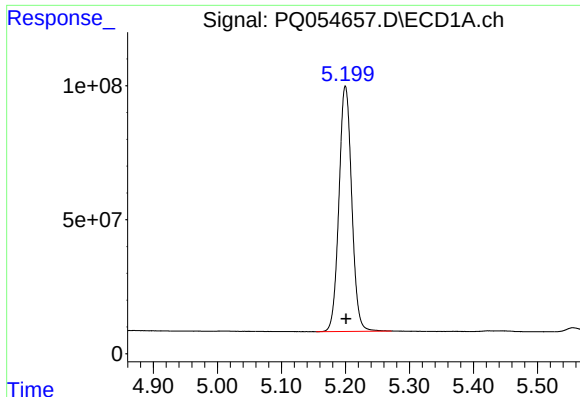
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	8.484	0	7367833	N.D.	3.198 #
44) L9	AR-1268-4	10.569	8.985	1136657	2828014	1.332	3.638 #
45) L9	AR-1268-5	11.008	9.282	7970001	5896747	1.264	1.025

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

Instrument :
ECD_Q
ClientSampleId :

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

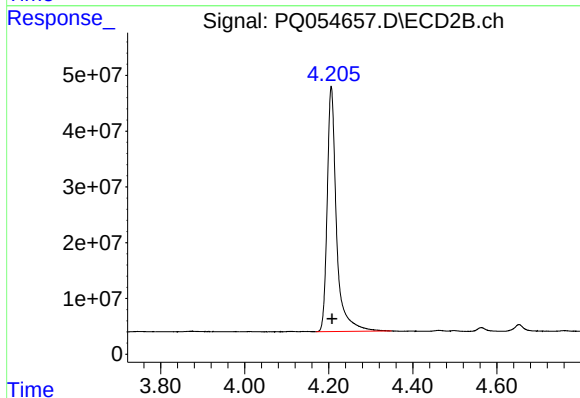




#1 Tetrachloro-m-xylene

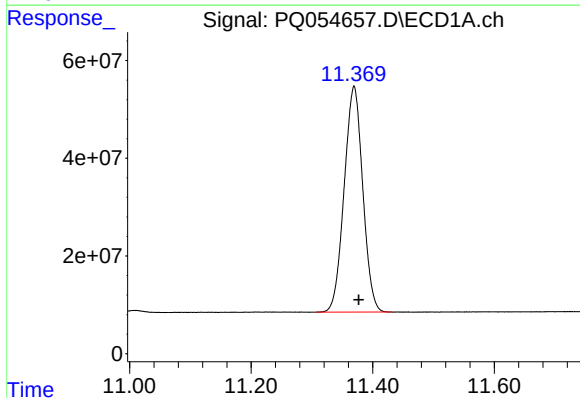
R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 1265609910
Conc: 53.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



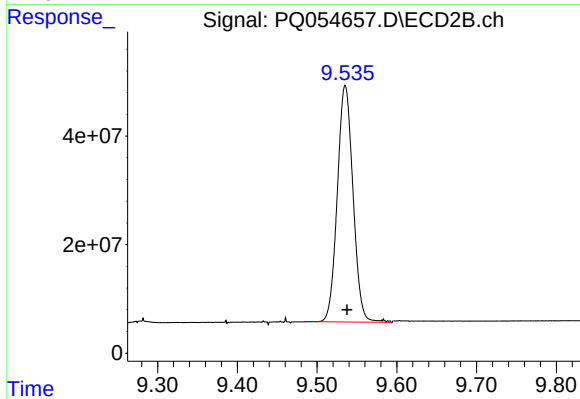
#1 Tetrachloro-m-xylene

R.T.: 4.206 min
Delta R.T.: -0.002 min
Response: 674504261
Conc: 51.02 ng/ml



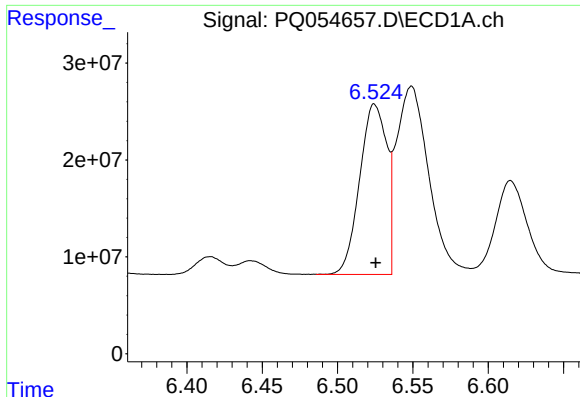
#2 Decachlorobiphenyl

R.T.: 11.369 min
Delta R.T.: -0.008 min
Response: 980404831
Conc: 58.09 ng/ml



#2 Decachlorobiphenyl

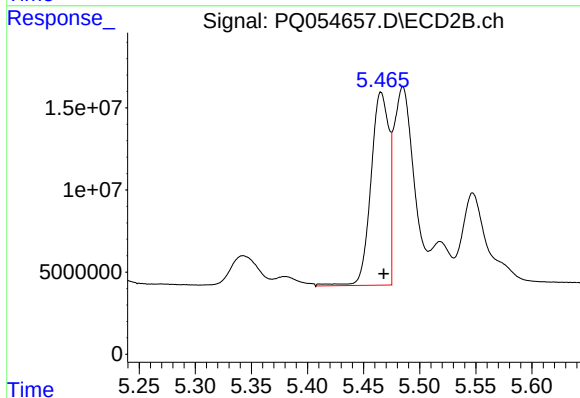
R.T.: 9.535 min
Delta R.T.: -0.002 min
Response: 597302971
Conc: 44.07 ng/ml



#3 AR-1016-1

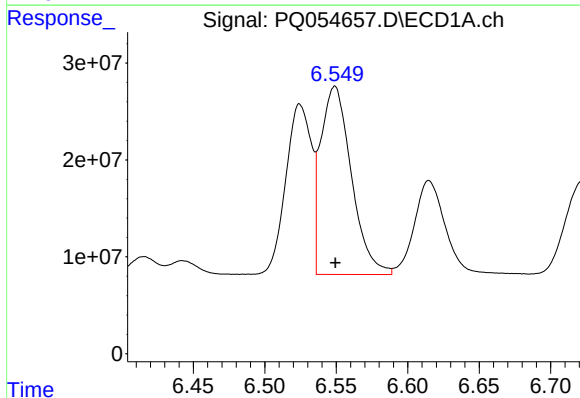
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 21935726
Conc: 266.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



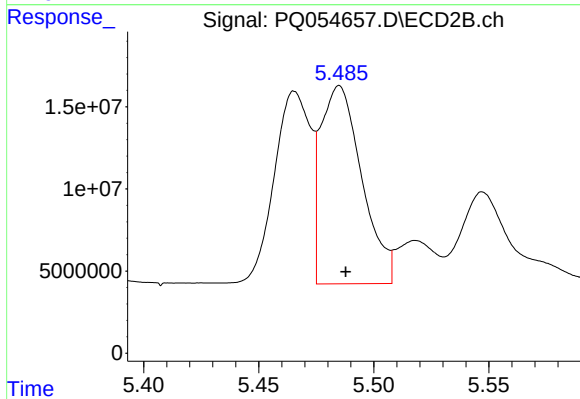
#3 AR-1016-1

R.T.: 5.465 min
Delta R.T.: -0.003 min
Response: 131193810
Conc: 289.07 ng/ml



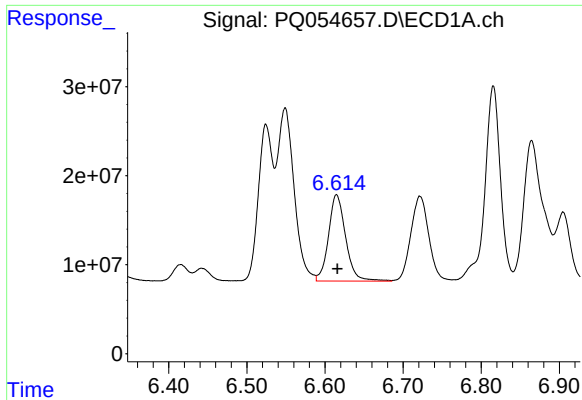
#4 AR-1016-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 290375219
Conc: 238.04 ng/ml



#4 AR-1016-2

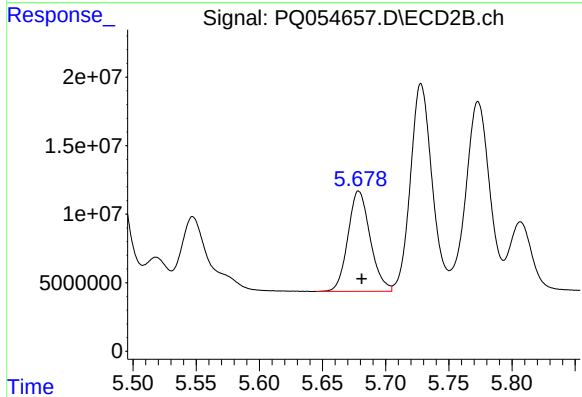
R.T.: 5.485 min
Delta R.T.: -0.003 min
Response: 150040533
Conc: 211.42 ng/ml



#5 AR-1016-3

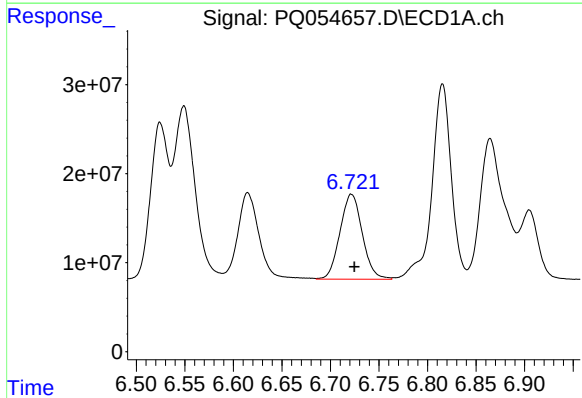
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 148134723
Conc: 195.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



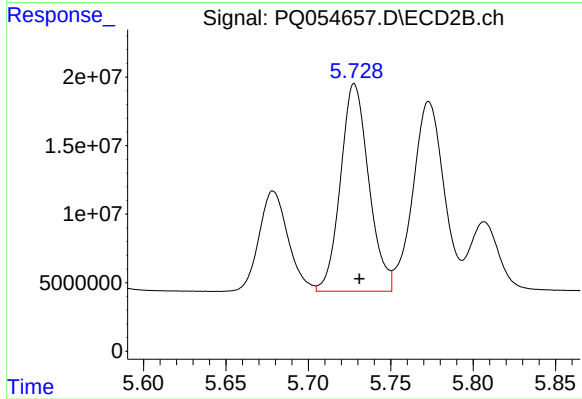
#5 AR-1016-3

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 89864654
Conc: 262.40 ng/ml



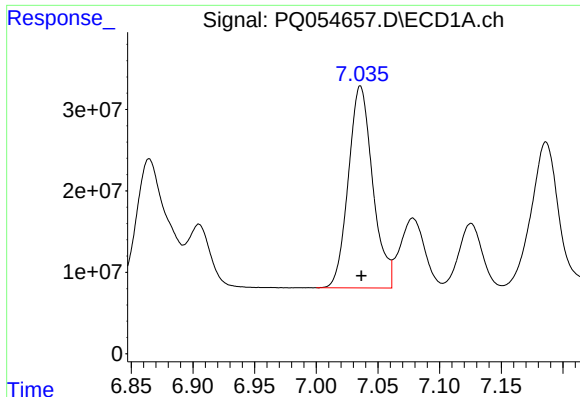
#6 AR-1016-4

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 153332515
Conc: 247.99 ng/ml



#6 AR-1016-4

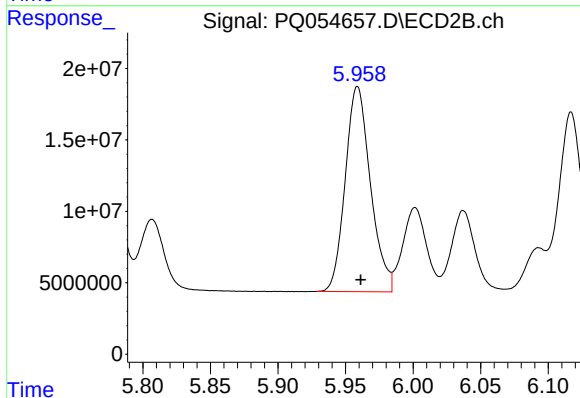
R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 180843548
Conc: 651.10 ng/ml



#7 AR-1016-5

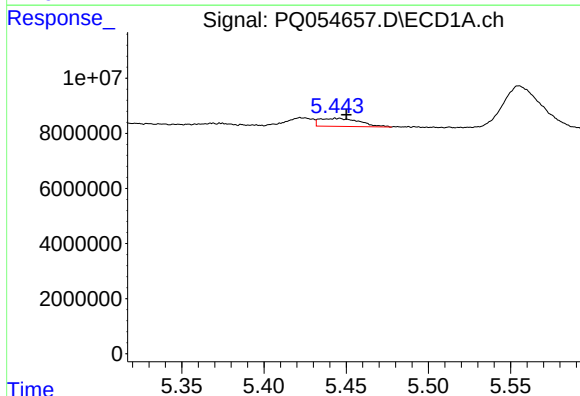
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 341199950
Conc: 600.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



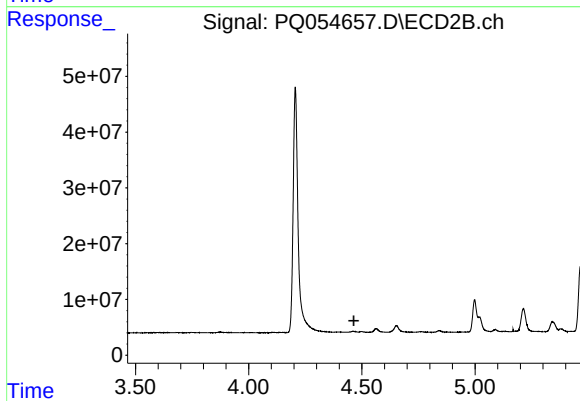
#7 AR-1016-5

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 186429655
Conc: 540.10 ng/ml



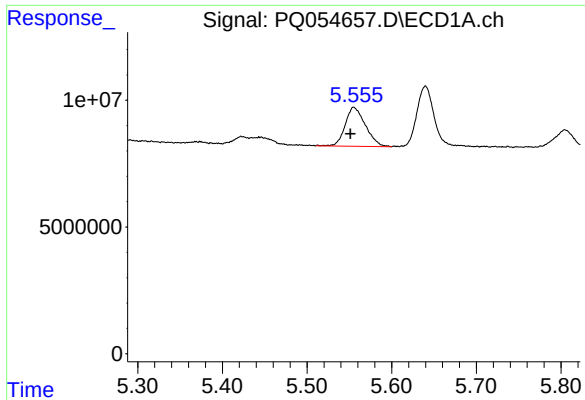
#8 AR-1221-1

R.T.: 5.443 min
Delta R.T.: -0.007 min
Response: 4979481
Conc: 19.33 ng/ml



#8 AR-1221-1

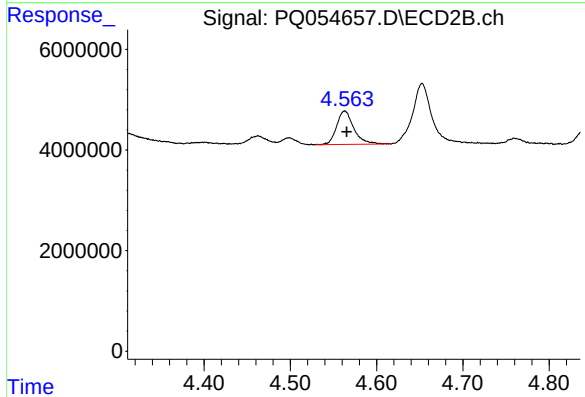
R.T.: 0.000 min
Exp R.T.: 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

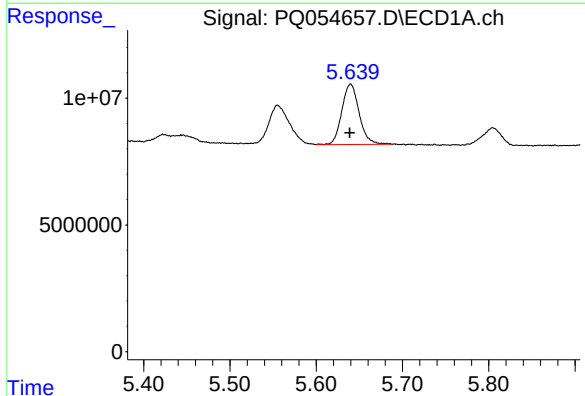
R.T.: 5.555 min
Delta R.T.: 0.004 min
Response: 25684591
Conc: 134.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



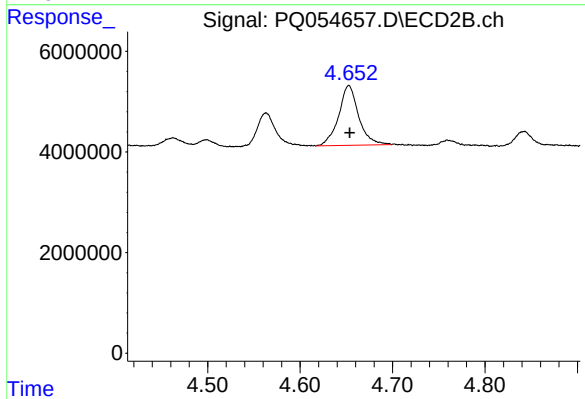
#9 AR-1221-2

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 9254209
Conc: 97.13 ng/ml



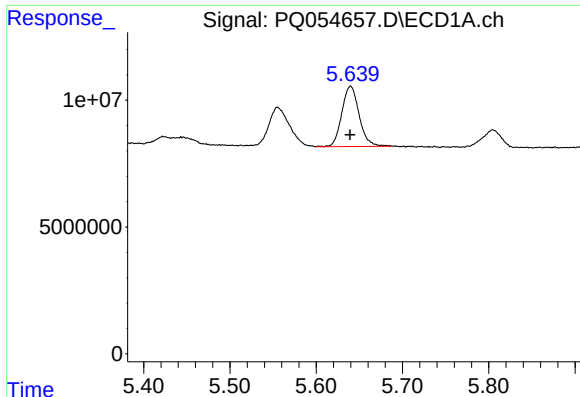
#10 AR-1221-3

R.T.: 5.640 min
Delta R.T.: 0.001 min
Response: 33335481
Conc: 55.62 ng/ml



#10 AR-1221-3

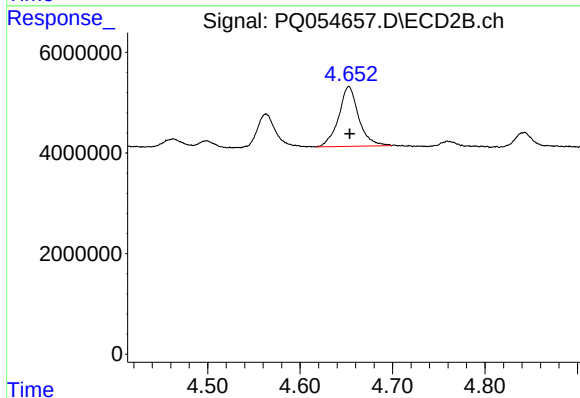
R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 17931253
Conc: 56.13 ng/ml



#11 AR-1232-1

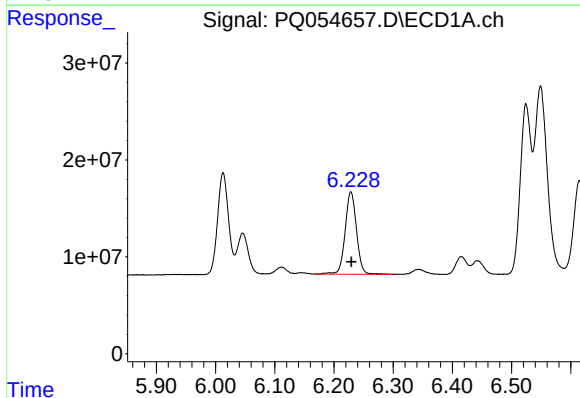
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 33335481
Conc: 72.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



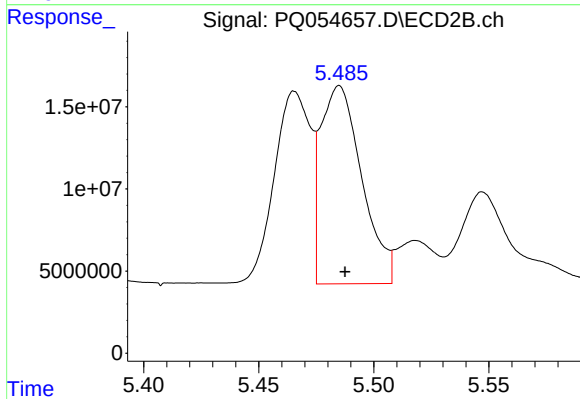
#11 AR-1232-1

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 17931253
Conc: 74.96 ng/ml



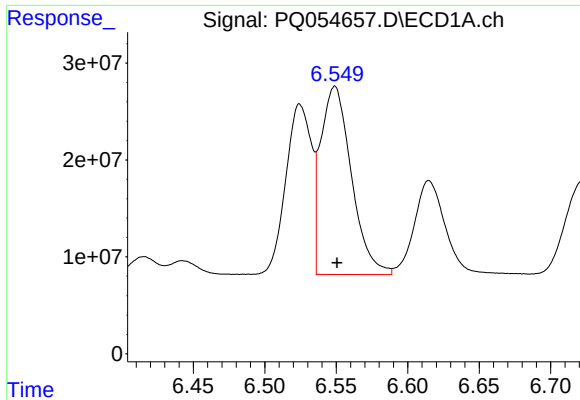
#12 AR-1232-2

R.T.: 6.229 min
Delta R.T.: -0.001 min
Response: 113385218
Conc: 400.58 ng/ml



#12 AR-1232-2

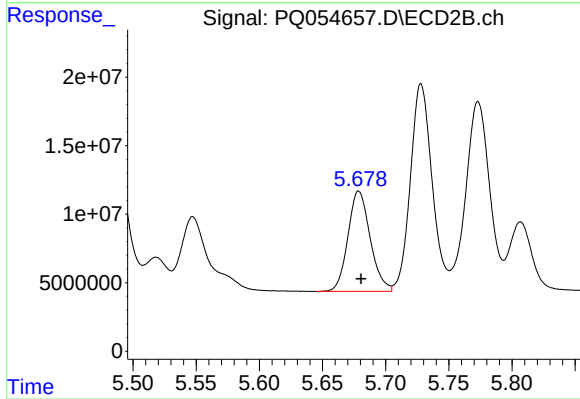
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 150040533
Conc: 483.30 ng/ml



#13 AR-1232-3

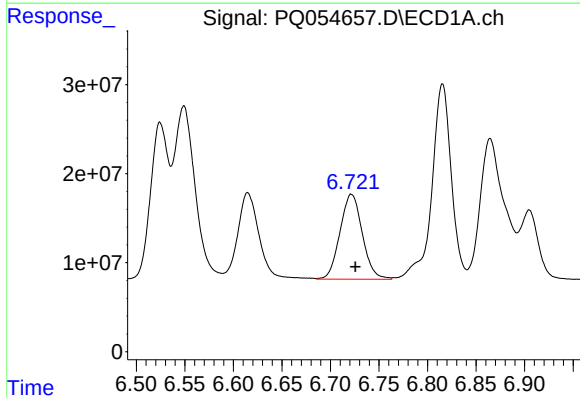
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 290375219
Conc: 552.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



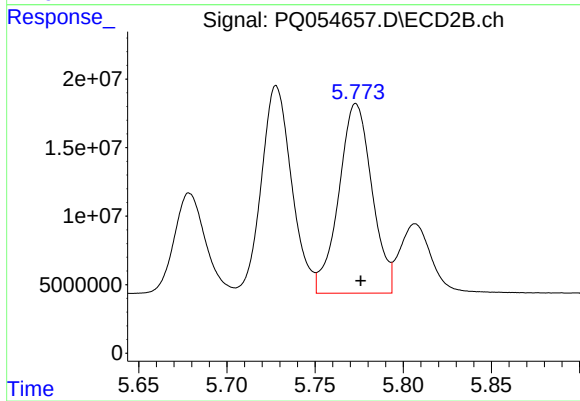
#13 AR-1232-3

R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 89864654
Conc: 623.61 ng/ml



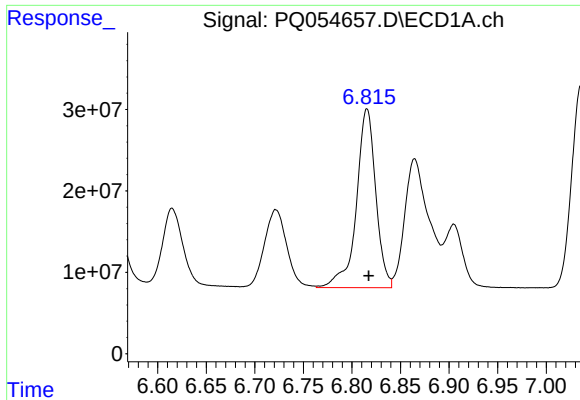
#14 AR-1232-4

R.T.: 6.722 min
Delta R.T.: -0.004 min
Response: 153332515
Conc: 573.92 ng/ml



#14 AR-1232-4

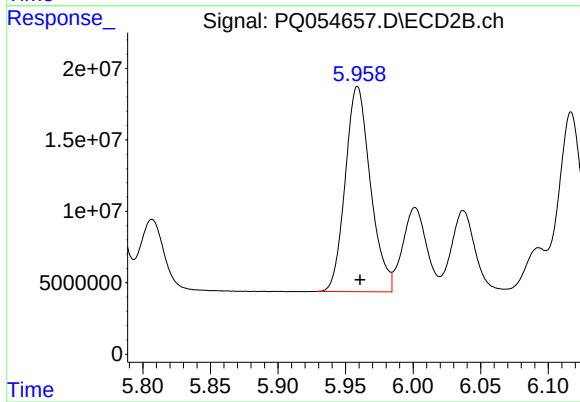
R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 181417867
Conc: 1436.17 ng/ml



#15 AR-1232-5

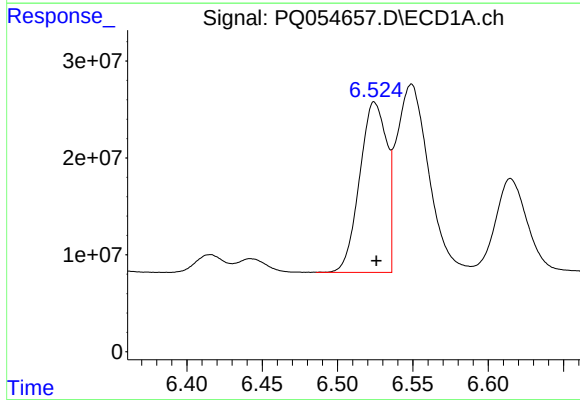
R.T.: 6.816 min
Delta R.T.: -0.002 min
Response: 305243439
Conc: 1509.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



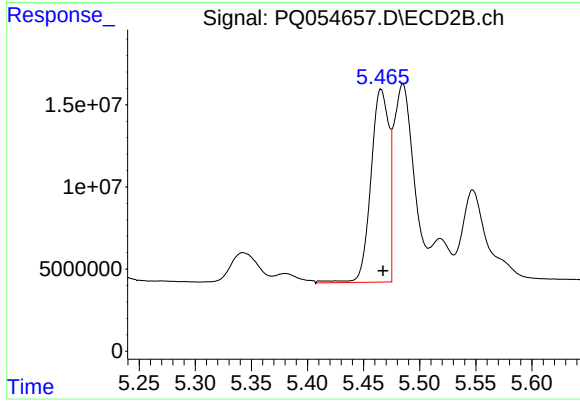
#15 AR-1232-5

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 186429655
Conc: 1285.44 ng/ml



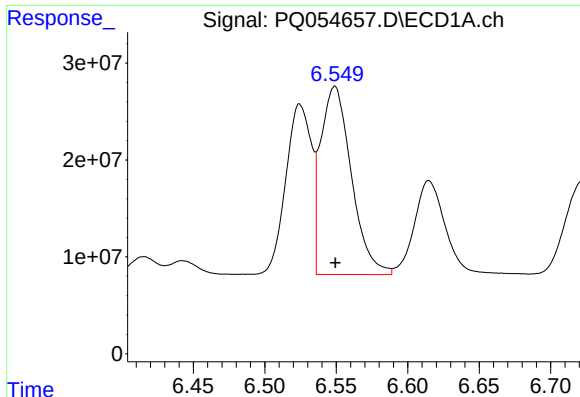
#16 AR-1242-1

R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 219935726
Conc: 373.38 ng/ml



#16 AR-1242-1

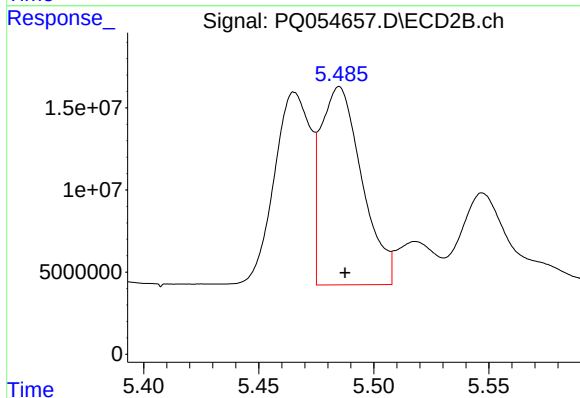
R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 131193810
Conc: 406.69 ng/ml



#17 AR-1242-2

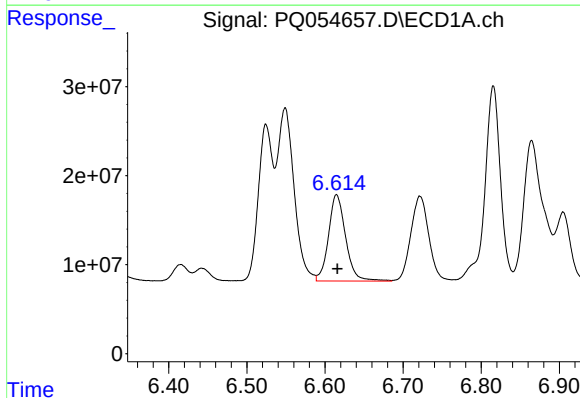
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 290375219
Conc: 323.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



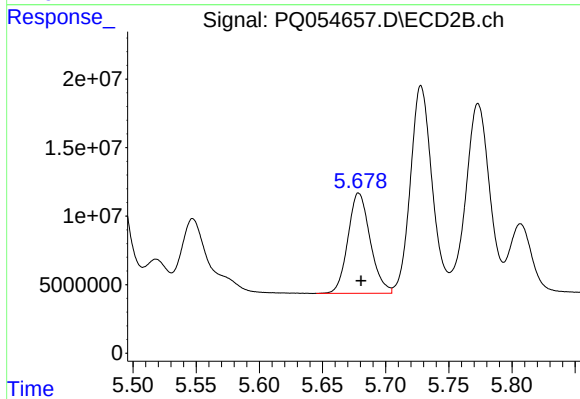
#17 AR-1242-2

R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 150040533
Conc: 294.41 ng/ml



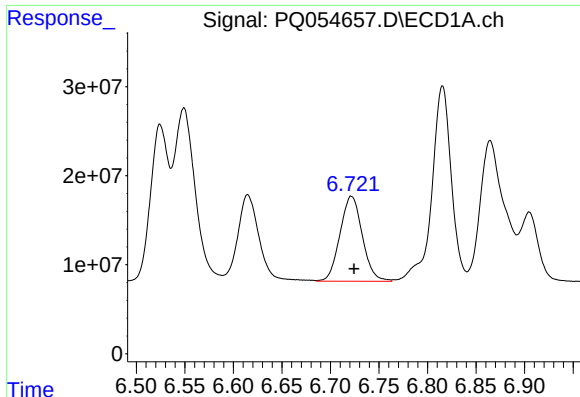
#18 AR-1242-3

R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 148134723
Conc: 263.61 ng/ml



#18 AR-1242-3

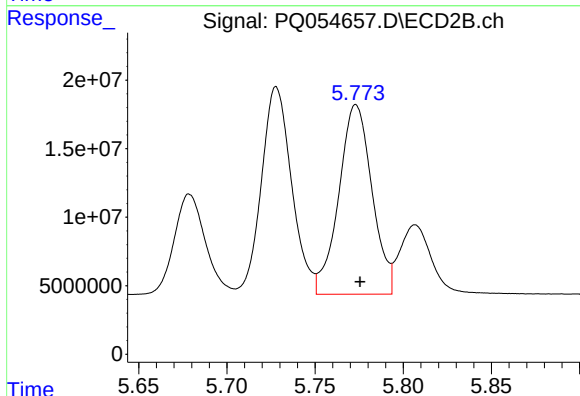
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 89864654
Conc: 349.97 ng/ml



#19 AR-1242-4

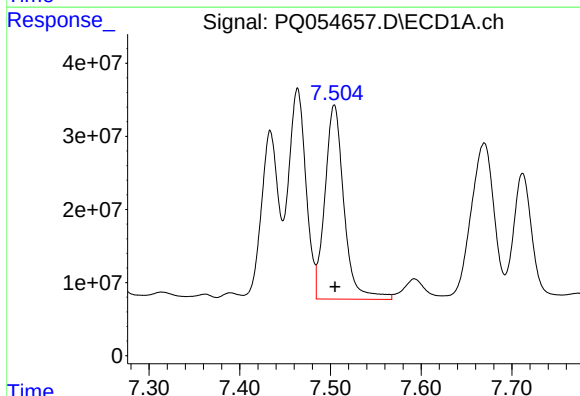
R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 153332515
Conc: 335.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



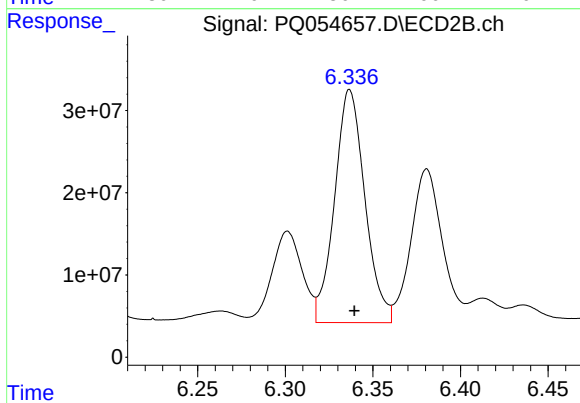
#19 AR-1242-4

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 181417867
Conc: 716.81 ng/ml



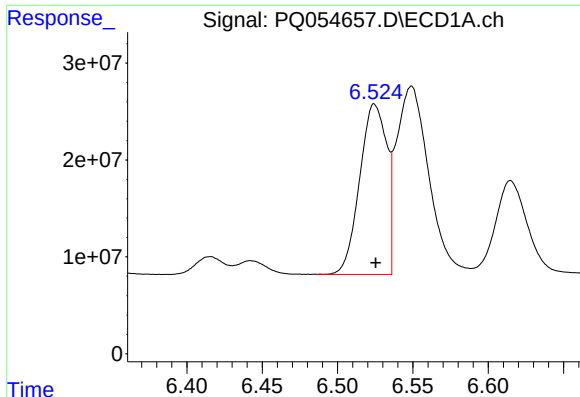
#20 AR-1242-5

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 386964219
Conc: 826.44 ng/ml



#20 AR-1242-5

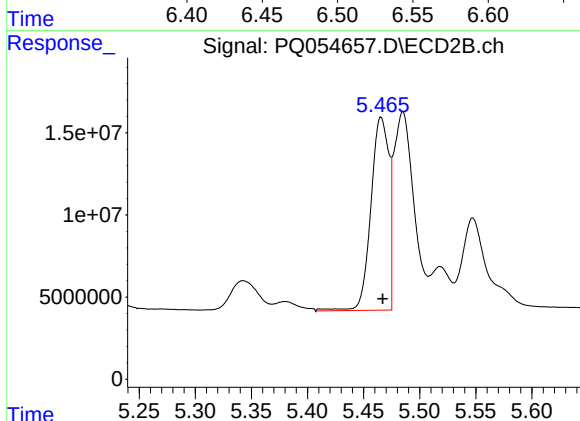
R.T.: 6.337 min
Delta R.T.: -0.003 min
Response: 341684740
Conc: 961.74 ng/ml



#21 AR-1248-1

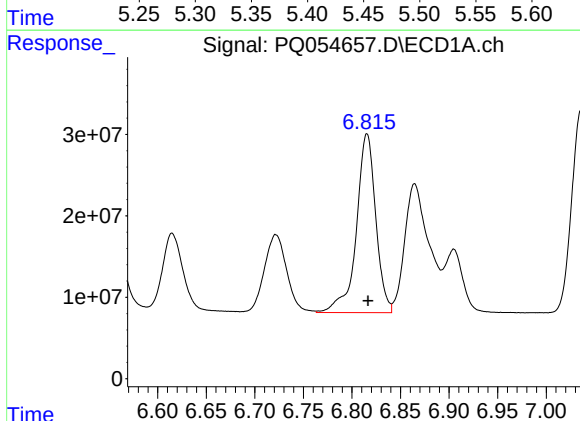
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 219935726
Conc: 439.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



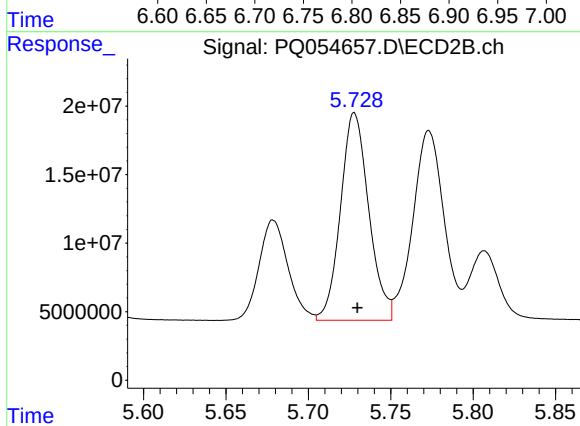
#21 AR-1248-1

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 131193810
Conc: 501.42 ng/ml



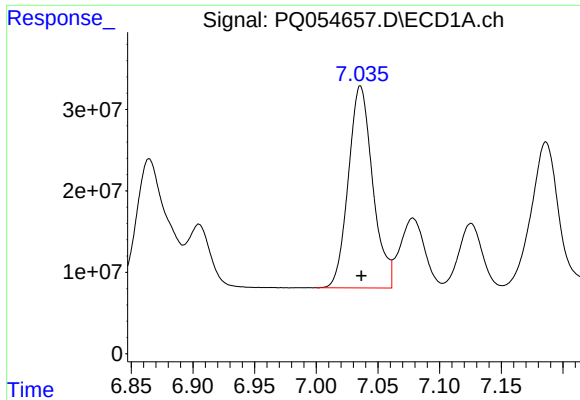
#22 AR-1248-2

R.T.: 6.816 min
Delta R.T.: -0.001 min
Response: 305243439
Conc: 469.83 ng/ml



#22 AR-1248-2

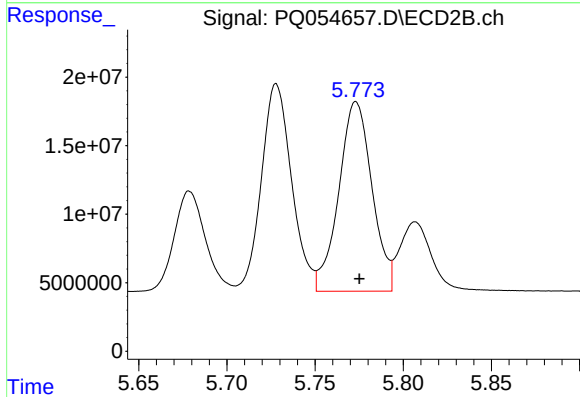
R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 180843548
Conc: 507.74 ng/ml



#23 AR-1248-3

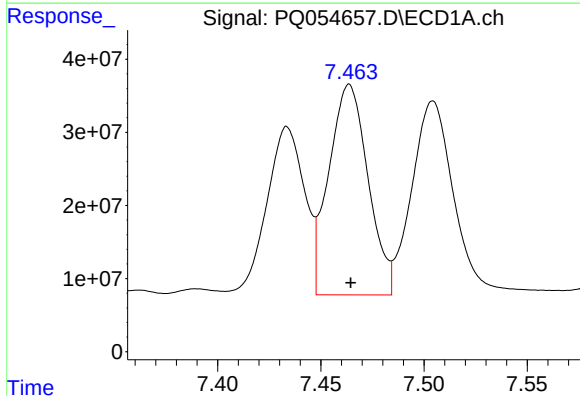
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 341199950
Conc: 477.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



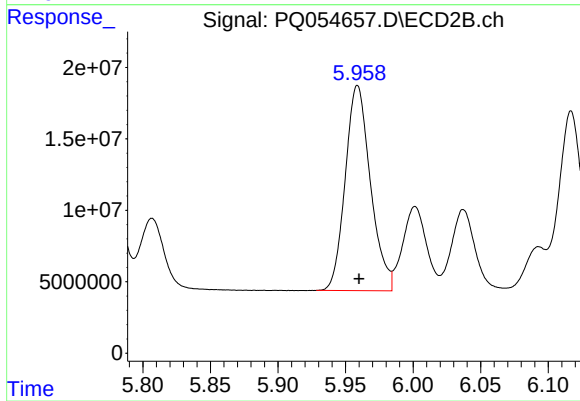
#23 AR-1248-3

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 181417867
Conc: 510.17 ng/ml



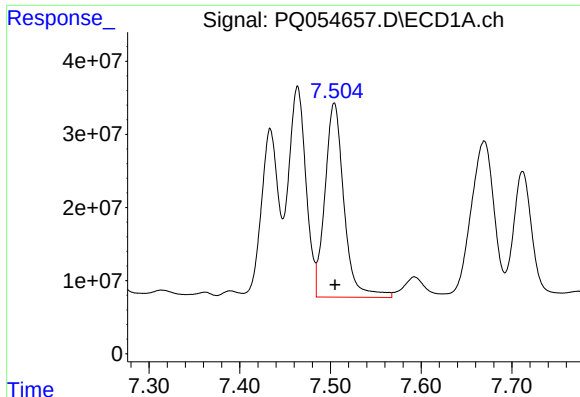
#24 AR-1248-4

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 381187281
Conc: 481.84 ng/ml



#24 AR-1248-4

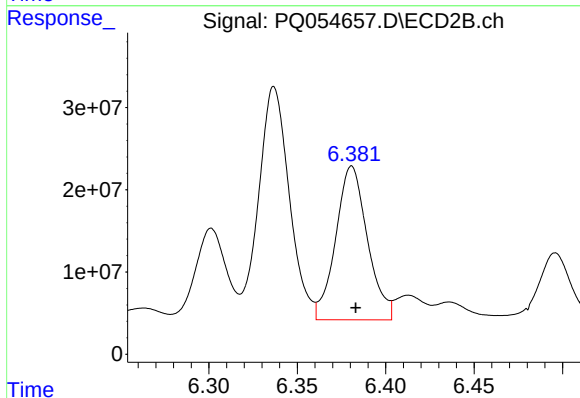
R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 186429655
Conc: 434.00 ng/ml



#25 AR-1248-5

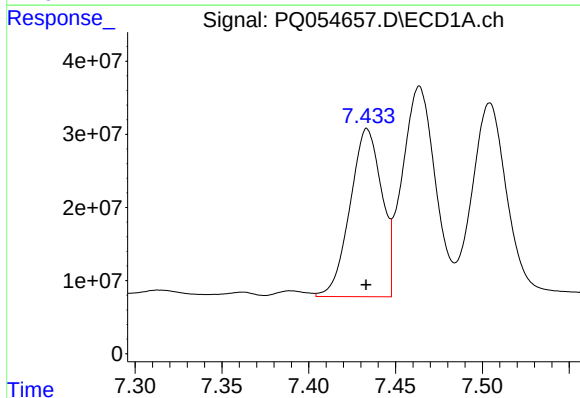
R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 386964219
Conc: 482.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



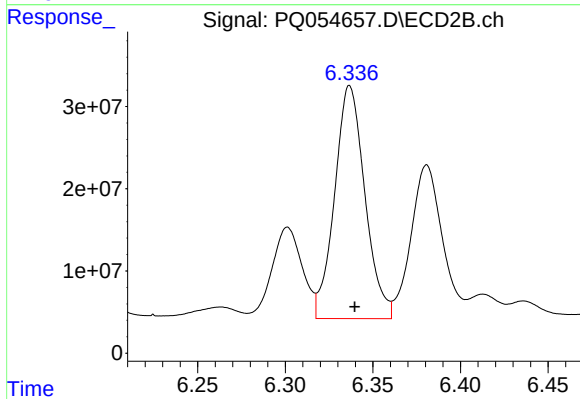
#25 AR-1248-5

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 233990534
Conc: 546.17 ng/ml



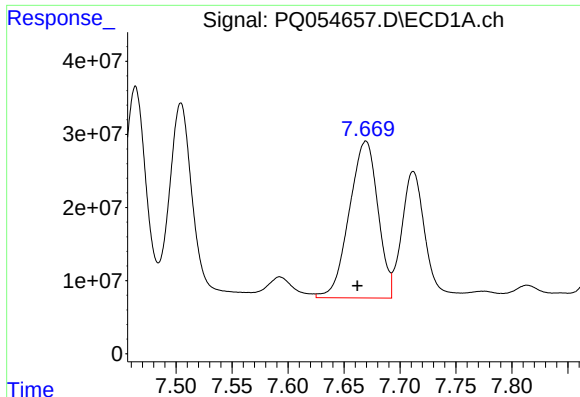
#26 AR-1254-1

R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 292161035
Conc: 335.40 ng/ml



#26 AR-1254-1

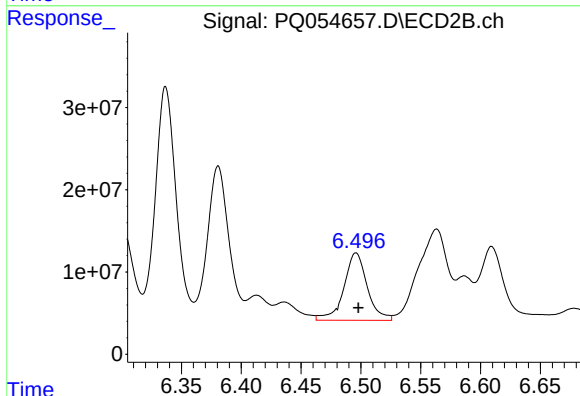
R.T.: 6.337 min
Delta R.T.: -0.003 min
Response: 341684740
Conc: 448.52 ng/ml



#27 AR-1254-2

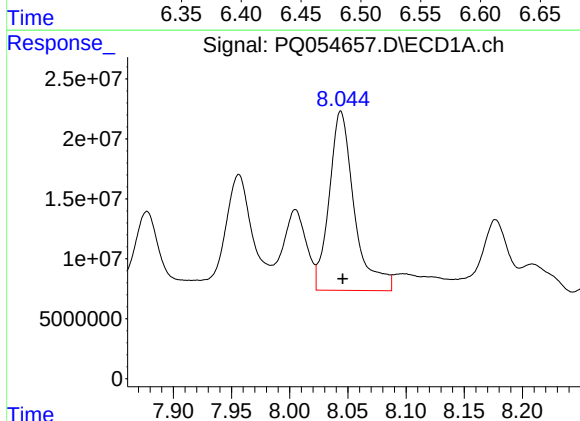
R.T.: 7.670 min
Delta R.T.: 0.008 min
Response: 381476207
Conc: 285.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



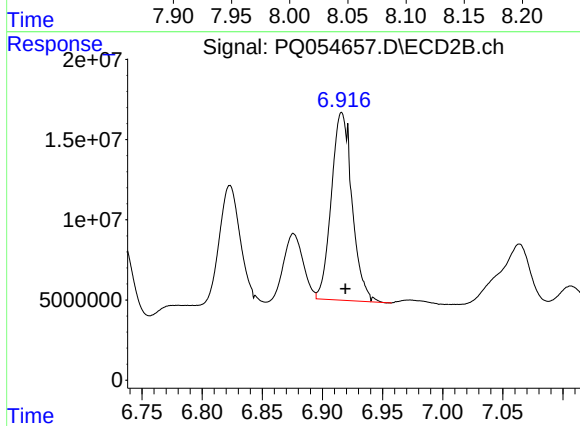
#27 AR-1254-2

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 111348063
Conc: 159.12 ng/ml



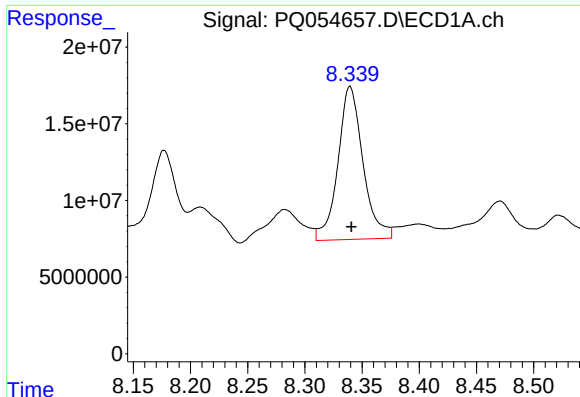
#28 AR-1254-3

R.T.: 8.044 min
Delta R.T.: -0.002 min
Response: 224987615
Conc: 161.54 ng/ml



#28 AR-1254-3

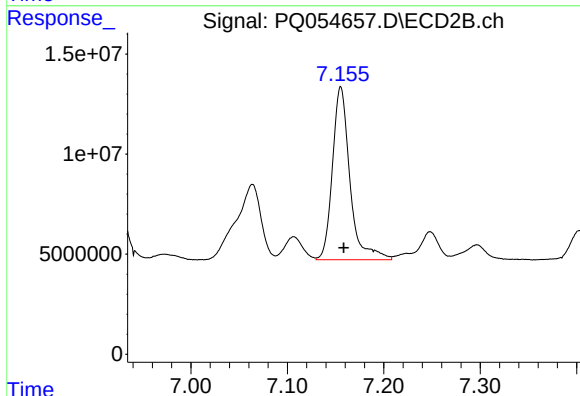
R.T.: 6.916 min
Delta R.T.: -0.003 min
Response: 140484995
Conc: 127.43 ng/ml



#29 AR-1254-4

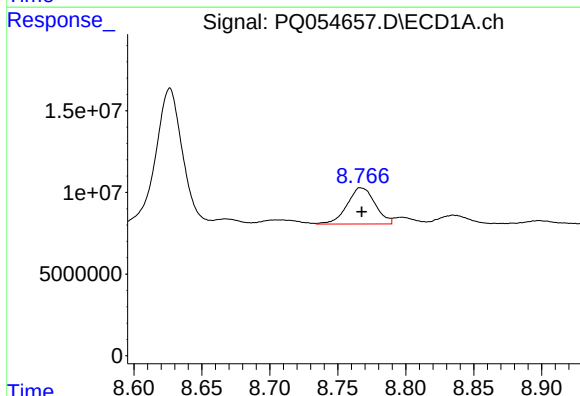
R.T.: 8.339 min
Delta R.T.: -0.001 min
Response: 152155768
Conc: 142.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



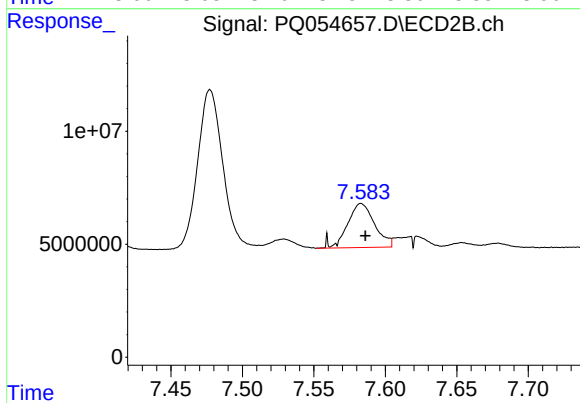
#29 AR-1254-4

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 109170811
Conc: 144.38 ng/ml



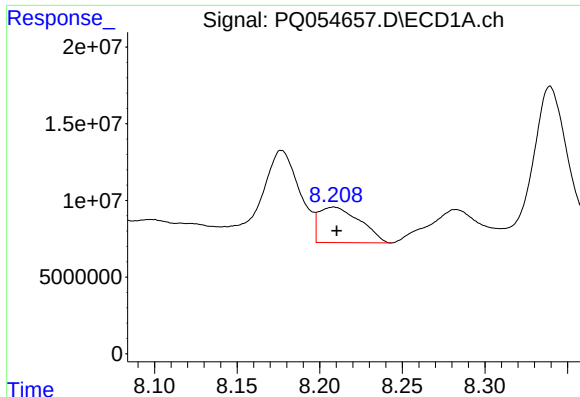
#30 AR-1254-5

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 31851343
Conc: 27.71 ng/ml



#30 AR-1254-5

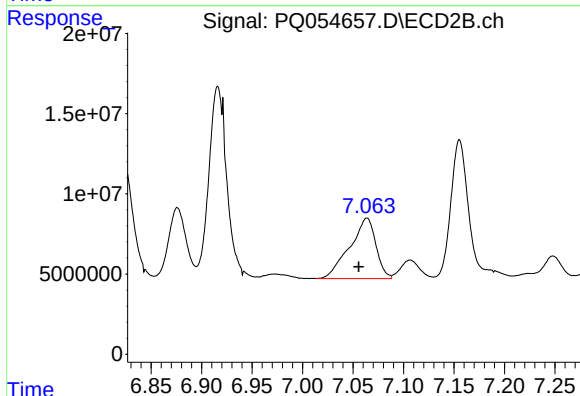
R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 25603331
Conc: 23.13 ng/ml



#31 AR-1260-1

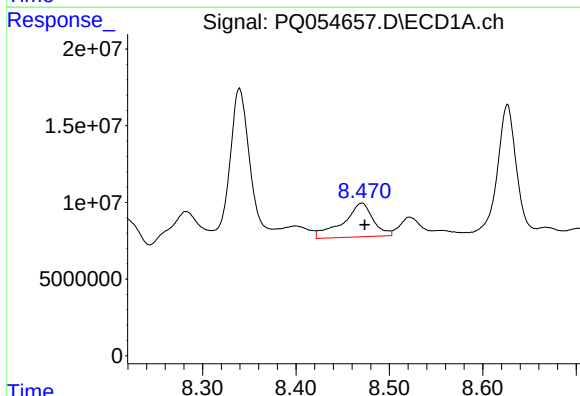
R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 40034811
Conc: 40.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



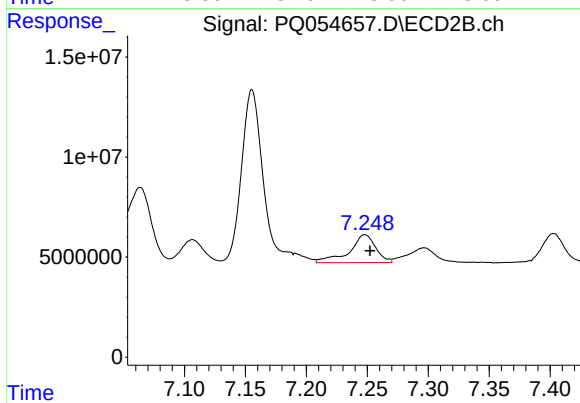
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: 0.008 min
Response: 68206983
Conc: 90.82 ng/ml



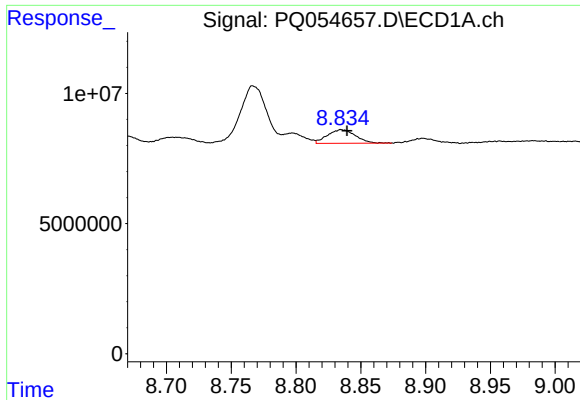
#32 AR-1260-2

R.T.: 8.471 min
Delta R.T.: -0.003 min
Response: 49050917
Conc: 41.68 ng/ml



#32 AR-1260-2

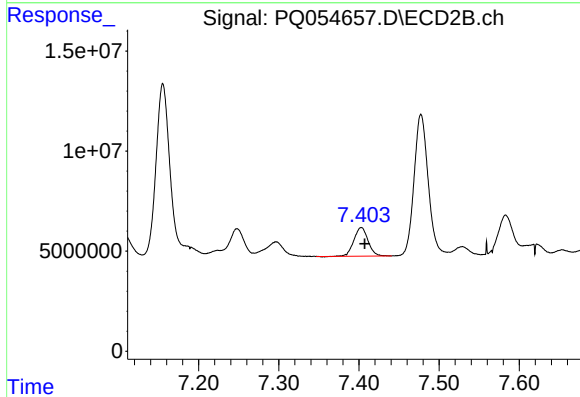
R.T.: 7.248 min
Delta R.T.: -0.004 min
Response: 21026377
Conc: 20.32 ng/ml



#33 AR-1260-3

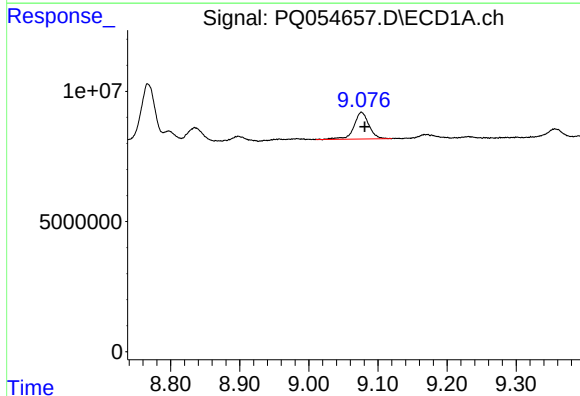
R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 7882637
Conc: 10.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



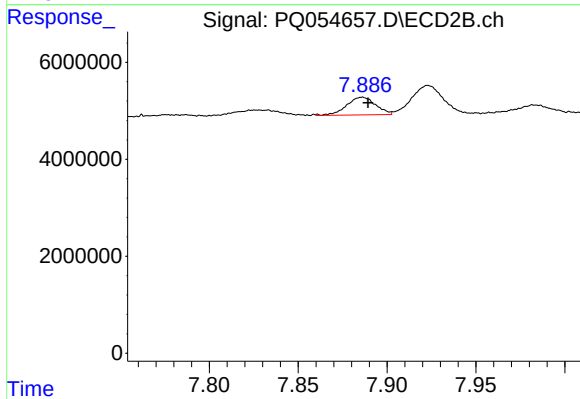
#33 AR-1260-3

R.T.: 7.403 min
Delta R.T.: -0.004 min
Response: 17613536
Conc: 19.92 ng/ml



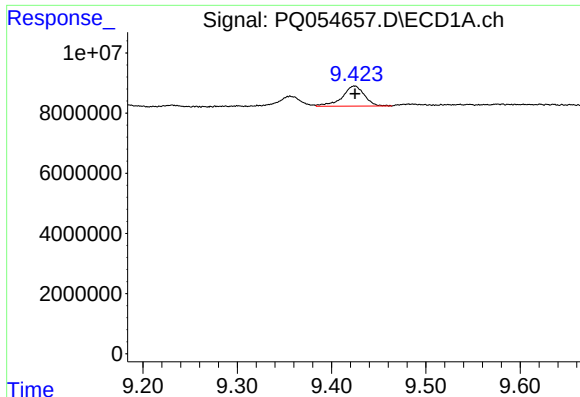
#34 AR-1260-4

R.T.: 9.076 min
Delta R.T.: -0.005 min
Response: 15528695
Conc: 16.62 ng/ml



#34 AR-1260-4

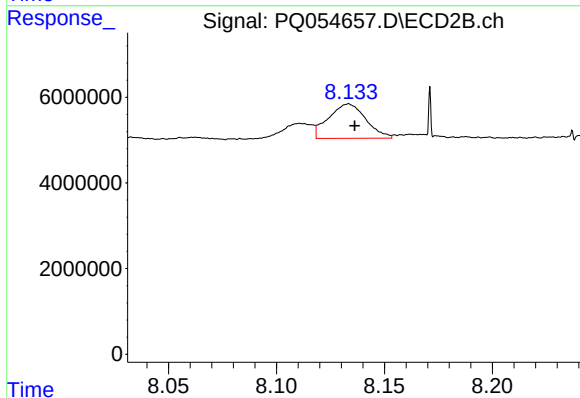
R.T.: 7.886 min
Delta R.T.: -0.003 min
Response: 4141197
Conc: 5.98 ng/ml



#35 AR-1260-5

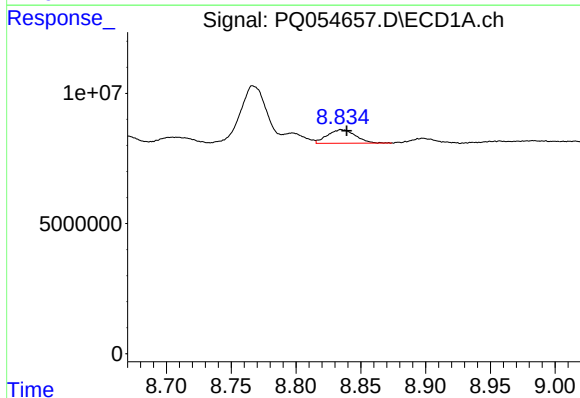
R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 10958012
Conc: 5.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



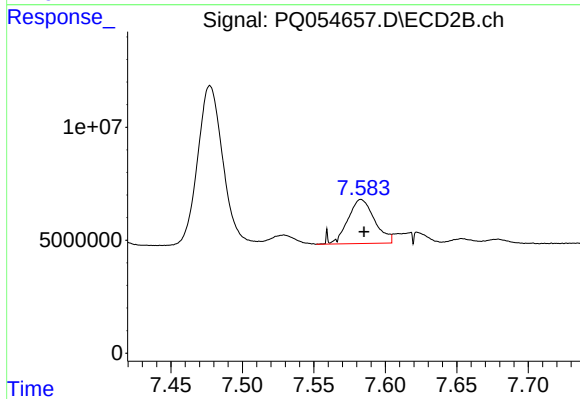
#35 AR-1260-5

R.T.: 8.133 min
Delta R.T.: -0.003 min
Response: 9648255
Conc: 5.05 ng/ml



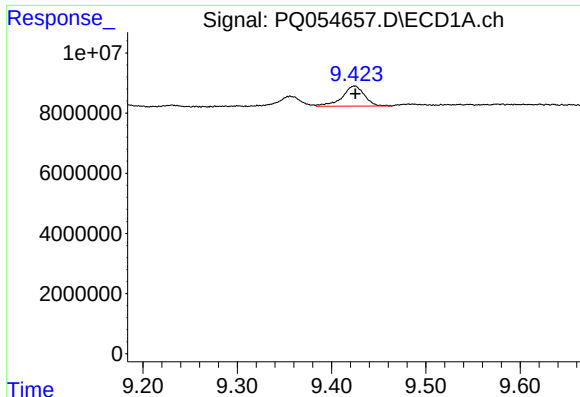
#36 AR-1262-1

R.T.: 8.835 min
Delta R.T.: -0.004 min
Response: 7882637
Conc: 6.71 ng/ml



#36 AR-1262-1

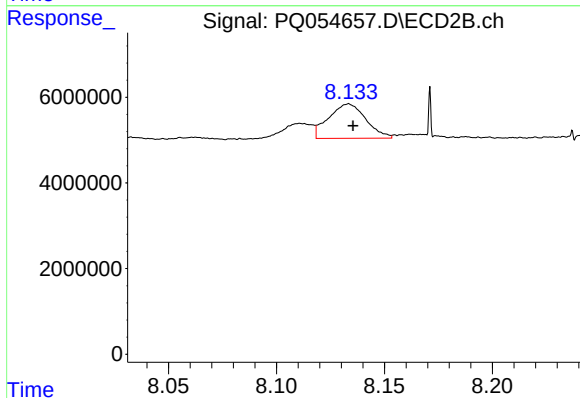
R.T.: 7.583 min
Delta R.T.: -0.002 min
Response: 25603331
Conc: 49.55 ng/ml



#37 AR-1262-2

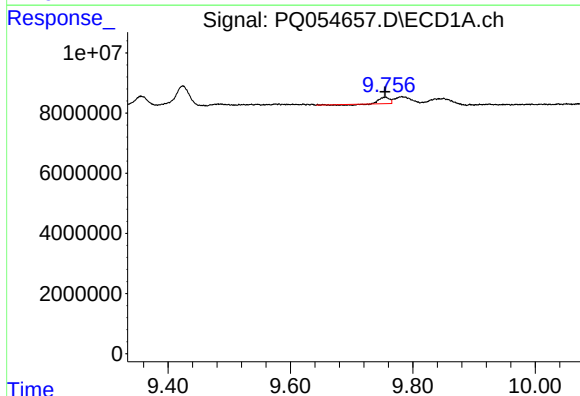
R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 10958012
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



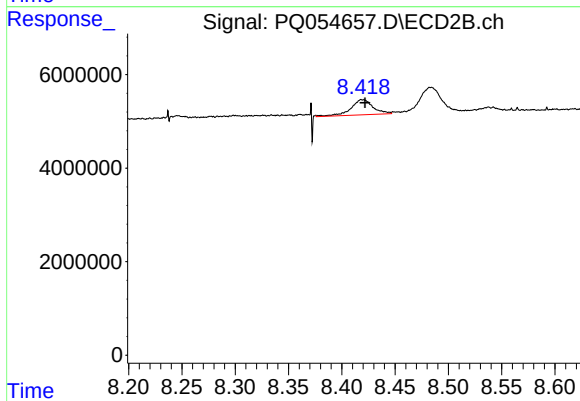
#37 AR-1262-2

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 9648255
Conc: 4.36 ng/ml



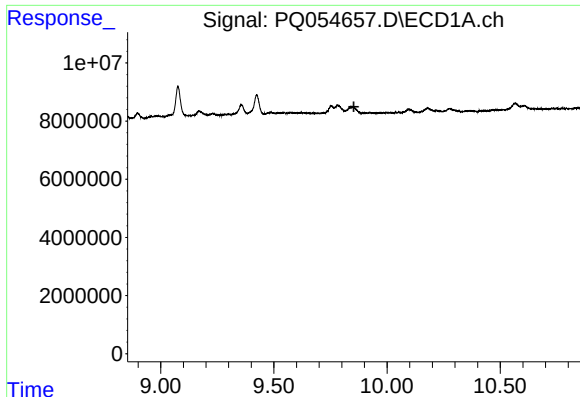
#38 AR-1262-3

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 1896784
Conc: 2.13 ng/ml



#38 AR-1262-3

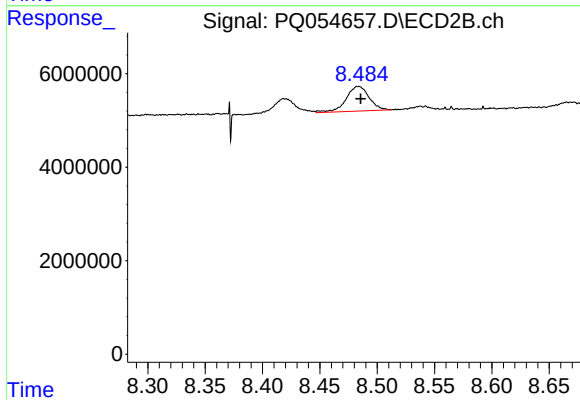
R.T.: 8.419 min
Delta R.T.: -0.002 min
Response: 4575472
Conc: 5.16 ng/ml



#39 AR-1262-4

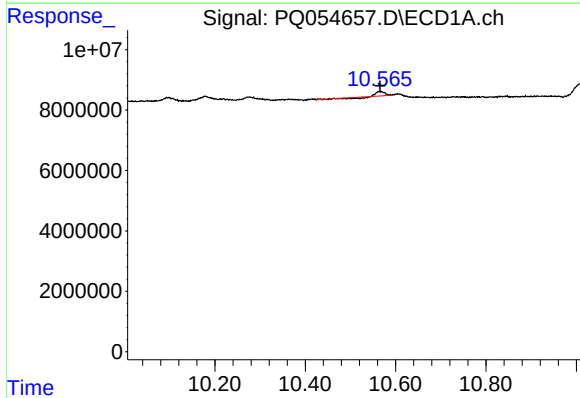
R.T.: 0.000 min
Exp R.T.: 9.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



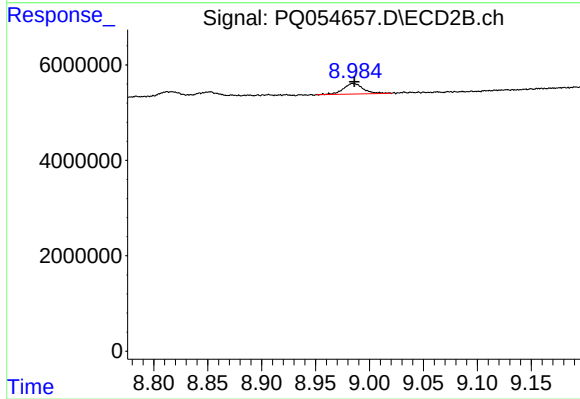
#39 AR-1262-4

R.T.: 8.484 min
Delta R.T.: -0.002 min
Response: 7367833
Conc: 4.84 ng/ml



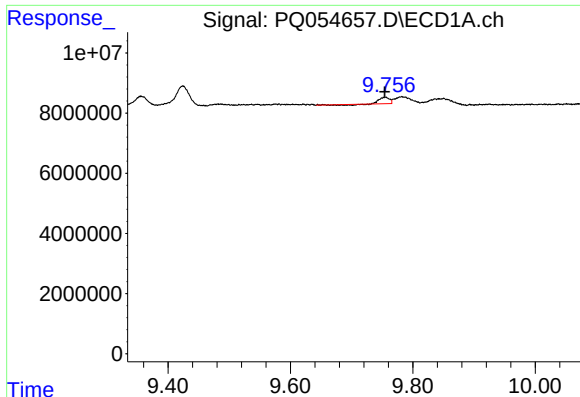
#40 AR-1262-5

R.T.: 10.569 min
Delta R.T.: 0.003 min
Response: 1136657
Conc: 1.48 ng/ml



#40 AR-1262-5

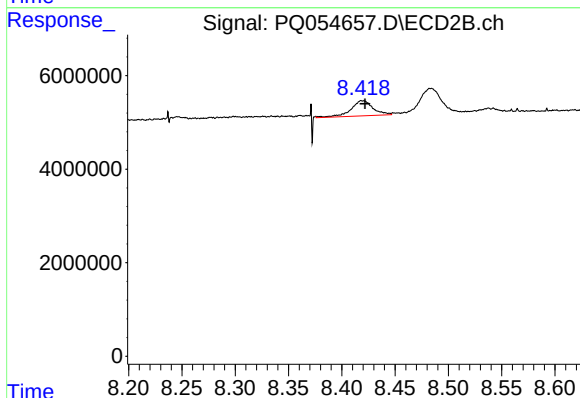
R.T.: 8.985 min
Delta R.T.: -0.001 min
Response: 2828014
Conc: 4.12 ng/ml



#41 AR-1268-1

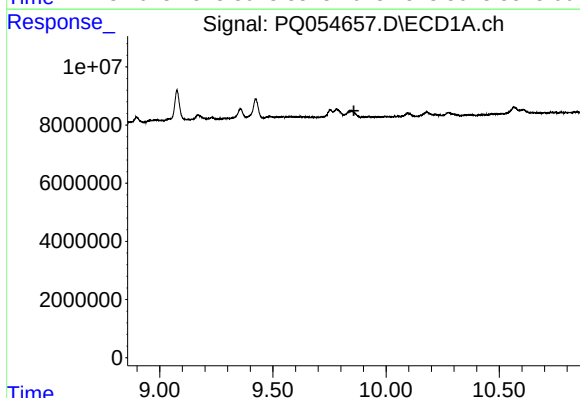
R.T.: 9.755 min
Delta R.T.: 0.001 min
Response: 1896784
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



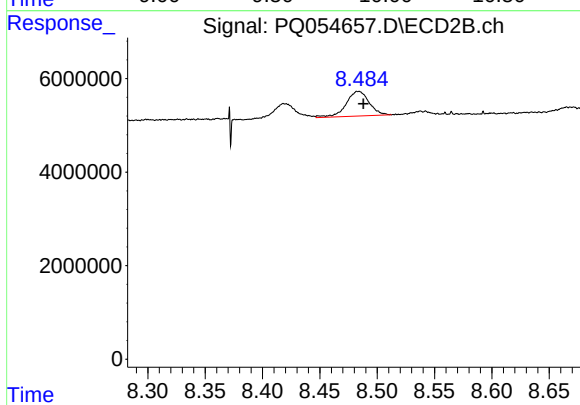
#41 AR-1268-1

R.T.: 8.419 min
Delta R.T.: -0.003 min
Response: 4575472
Conc: 1.69 ng/ml



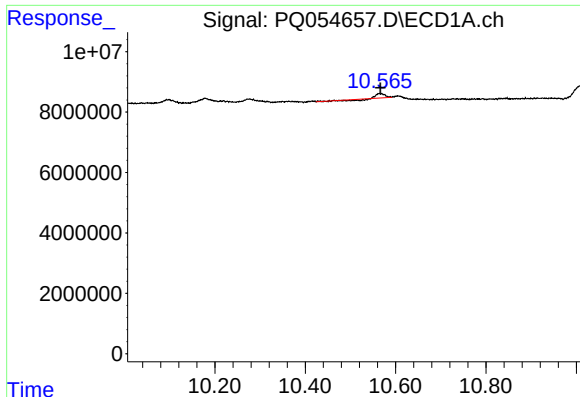
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.858 min
Response: 0
Conc: N.D.



#42 AR-1268-2

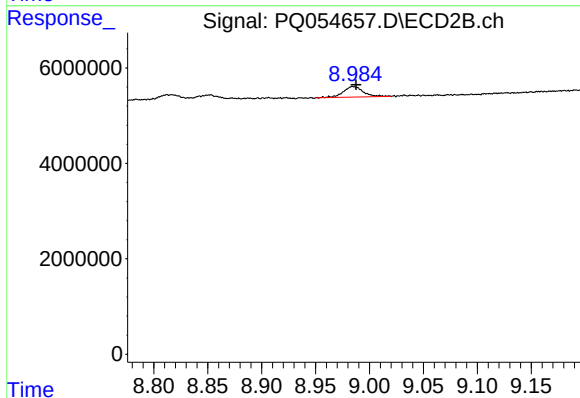
R.T.: 8.484 min
Delta R.T.: -0.004 min
Response: 7367833
Conc: 3.20 ng/ml



#44 AR-1268-4

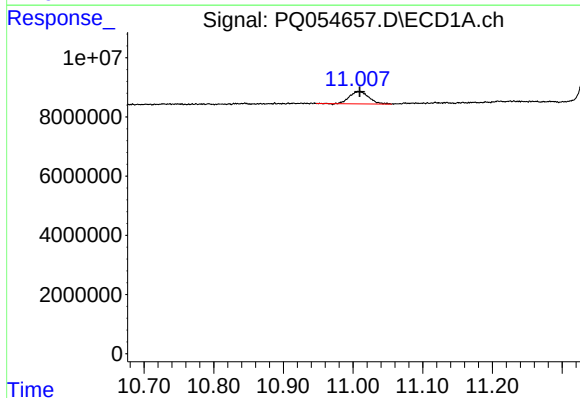
R.T.: 10.569 min
Delta R.T.: 0.002 min
Response: 1136657
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



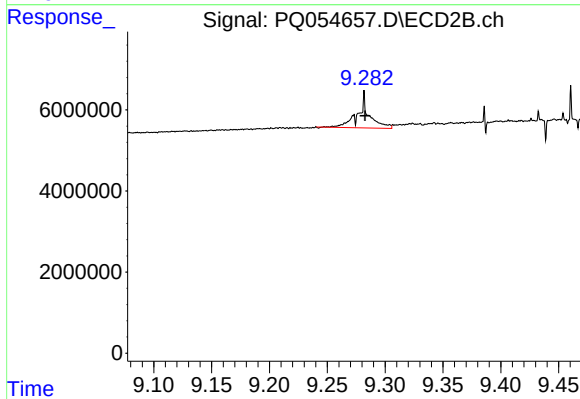
#44 AR-1268-4

R.T.: 8.985 min
Delta R.T.: -0.003 min
Response: 2828014
Conc: 3.64 ng/ml



#45 AR-1268-5

R.T.: 11.008 min
Delta R.T.: -0.002 min
Response: 7970001
Conc: 1.26 ng/ml



#45 AR-1268-5

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 5896747
Conc: 1.03 ng/ml