

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052519\
 Data File : PQ040256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 11:11
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1248339

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 05:28:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 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...	5.602	4.738	61516680	39121532	18.779	18.215
2)	SA Decachlor...	11.909	10.458	307.4E6	156.7E6	43.030	37.685
Target Compounds							
3)	L1 AR-1016-1	7.049	6.183	24845534	17734353	148.516	138.250
4)	L1 AR-1016-2	7.074	6.204	32831285	19899210	124.880	103.098
5)	L1 AR-1016-3	7.145	6.418	16317910	13157557	95.606	121.999 #
6)	L1 AR-1016-4	7.257	6.472	16633915	26839140	120.340	315.202 #
7)	L1 AR-1016-5	7.591	6.723	46710700	35329060	336.715	306.835
8)	L2 AR-1221-1	0.000	5.038	0	278657	N.D.	11.371 #
9)	L2 AR-1221-2	0.000	5.157	0	1488246	N.D.	91.372 #
10)	L2 AR-1221-3	0.000	5.261	0	2331433	N.D.	38.342 #
11)	L3 AR-1232-1	0.000	5.261	0	2331433	N.D.	50.879 #
12)	L3 AR-1232-2	6.733	6.204	11286818	19899210	284.678	331.728
13)	L3 AR-1232-3	7.074	6.418	32831285	13157557	406.266	374.136
14)	L3 AR-1232-4	7.257	6.520	16633915	27455893	397.956	929.188 #
15)	L3 AR-1232-5	7.362	6.723	39961395	35329060	1260.911	1173.552
16)	L4 AR-1242-1	7.049	6.183	24845534	17734353	256.256	239.822
17)	L4 AR-1242-2	7.074	6.204	32831285	19899210	227.178	186.918
18)	L4 AR-1242-3	7.145	6.418	16317910	13157557	175.291	218.113
19)	L4 AR-1242-4	7.257	6.520	16633915	27455893	221.165	460.666 #
20)	L4 AR-1242-5	8.079	7.132	49654491	50078107	572.758	621.406
21)	L5 AR-1248-1	7.049	6.183	24845534	17734353	320.992	307.763
22)	L5 AR-1248-2	7.362	6.472	39961395	26839140	354.796	305.270
23)	L5 AR-1248-3	7.591	6.520	46710700	27455893	338.417	303.435
24)	L5 AR-1248-4	8.038	6.723	51753863	35329060	342.810	319.924
25)	L5 AR-1248-5	8.079	7.179	49654491	34642235	329.802	305.122
26)	L6 AR-1254-1	8.005	7.132	39815966	50078107	228.310	261.455
27)	L6 AR-1254-2	8.249	7.299	54406384	14627103	196.730	84.194 #
28)	L6 AR-1254-3	8.638	7.746	30320979	25707097	102.165	88.957
29)	L6 AR-1254-4	8.940	7.996	20179792	18058226	97.098	101.139
30)	L6 AR-1254-5	9.378	8.439	5880219	4891947	20.418	18.988
31)	L7 AR-1260-1	8.772	7.902	10449280	12997529	31.435	47.412 #
32)	L7 AR-1260-2	0.000	8.089	0	2760634	N.D.	7.981 #
33)	L7 AR-1260-3	0.000	8.252	0	2985018	N.D.	9.308 #
34)	L7 AR-1260-4	0.000	8.748	0	707222	N.D.	2.603 #
35)	L7 AR-1260-5	0.000	9.001	0	3557664	N.D.	5.293 #
36)	L8 AR-1262-1	0.000	8.514	0	1055619	N.D.	9.297 #
37)	L8 AR-1262-2	0.000	9.001	0	3557664	N.D.	7.171 #
38)	L8 AR-1262-3	0.000	9.293	0	584420	N.D.	2.780 #
39)	L8 AR-1262-4	0.000	9.361	0	1707473	N.D.	4.510 #
40)	L8 AR-1262-5	0.000	9.882	0	1826382	N.D.	11.265 #
41)	L9 AR-1268-1	0.000	9.293	0	584420	N.D.	1.281 #
42)	L9 AR-1268-2	0.000	9.361	0	1707473	N.D.	3.906 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052519\
Data File : PQ040256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2019 11:11
Operator : SM\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

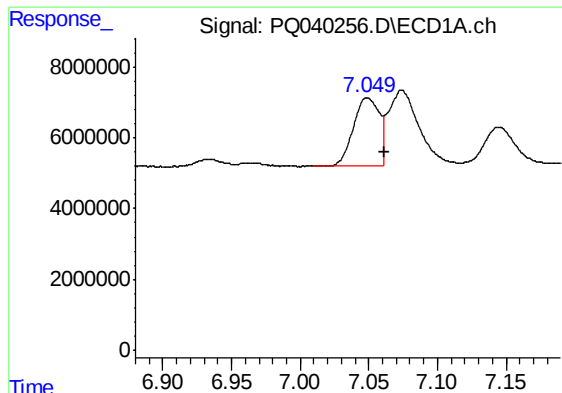
Instrument :
ECD_Q
ClientSampleId :
AR1248339

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 05:28:33 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 23 04:10:58 2019
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
43) L9	AR-1268-3	0.000	9.569	0	1044439	N.D.	2.782 #
44) L9	AR-1268-4	0.000	9.882	0	1826382	N.D.	13.255 #
45) L9	AR-1268-5	0.000	10.191	0	1479159	N.D.	1.253 #

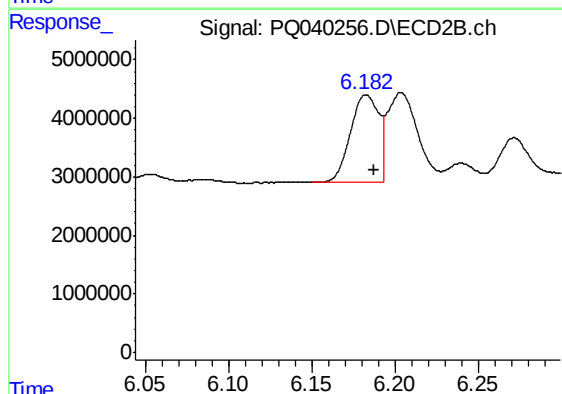
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

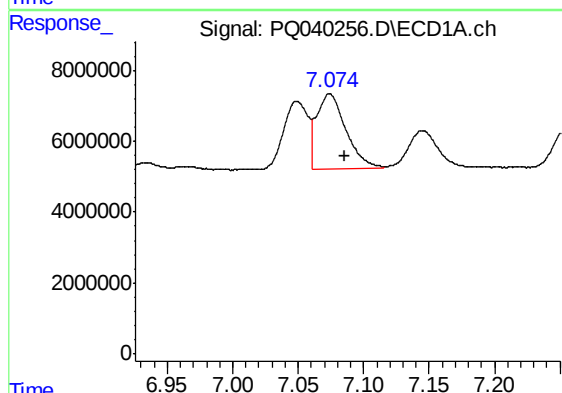
R.T.: 7.049 min
Delta R.T.: -0.012 min
Response: 24845534
Conc: 148.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



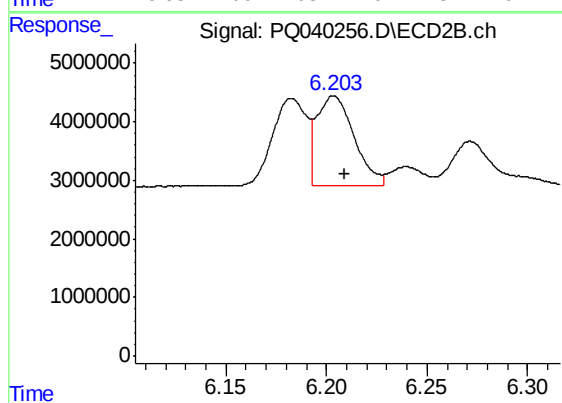
#3 AR-1016-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 17734353
Conc: 138.25 ng/ml



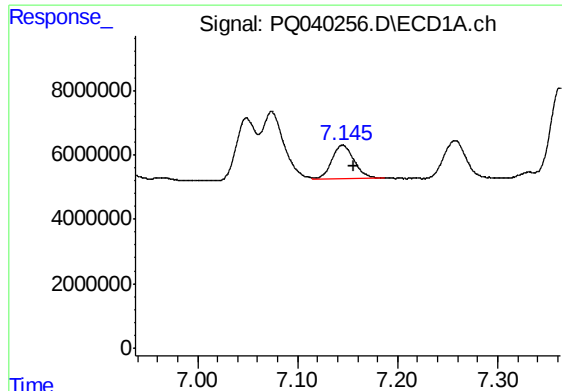
#4 AR-1016-2

R.T.: 7.074 min
Delta R.T.: -0.011 min
Response: 32831285
Conc: 124.88 ng/ml



#4 AR-1016-2

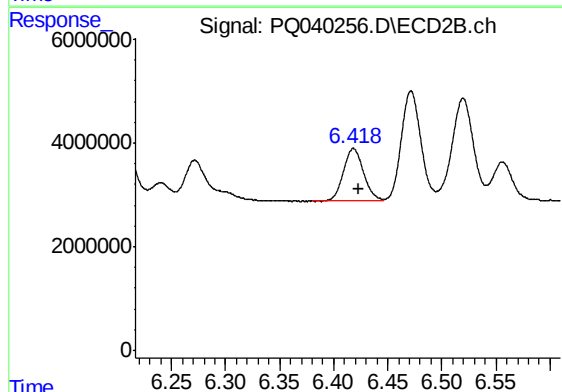
R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 19899210
Conc: 103.10 ng/ml



#5 AR-1016-3

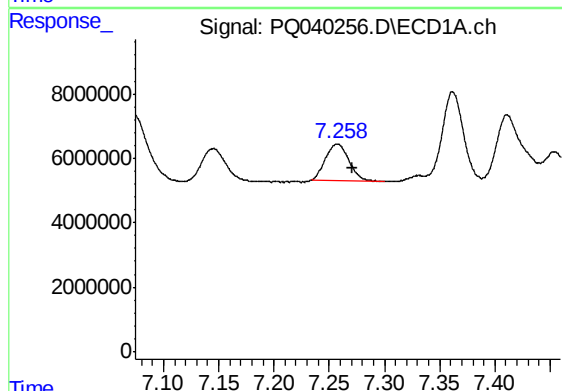
R.T.: 7.145 min
Delta R.T.: -0.011 min
Response: 16317910
Conc: 95.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



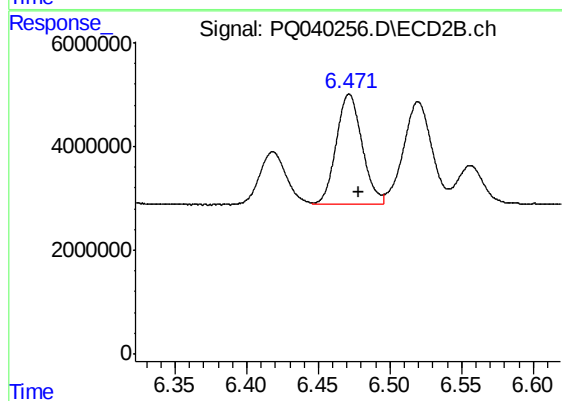
#5 AR-1016-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 13157557
Conc: 122.00 ng/ml



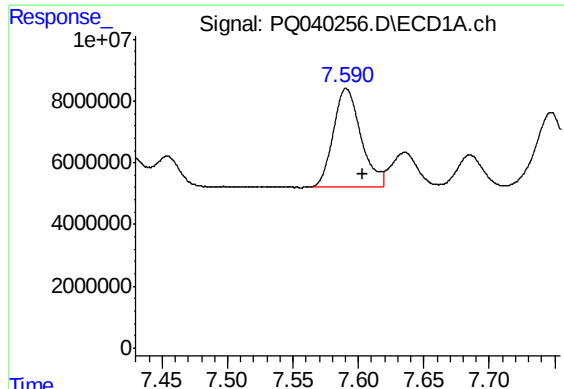
#6 AR-1016-4

R.T.: 7.257 min
Delta R.T.: -0.013 min
Response: 16633915
Conc: 120.34 ng/ml



#6 AR-1016-4

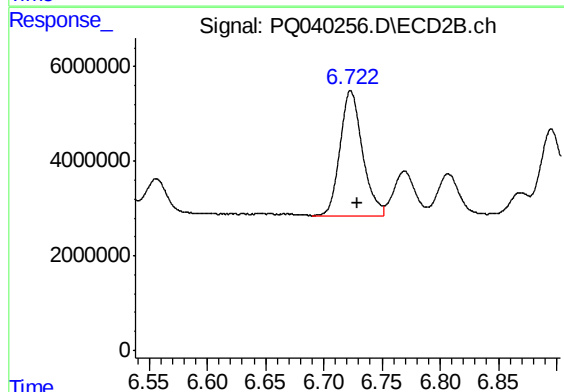
R.T.: 6.472 min
Delta R.T.: -0.006 min
Response: 26839140
Conc: 315.20 ng/ml



#7 AR-1016-5

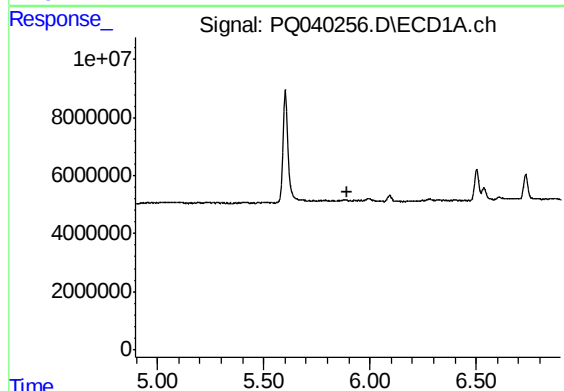
R.T.: 7.591 min
Delta R.T.: -0.013 min
Response: 46710700
Conc: 336.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



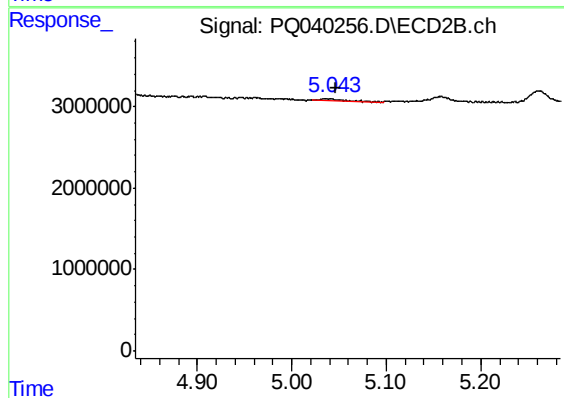
#7 AR-1016-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 35329060
Conc: 306.84 ng/ml



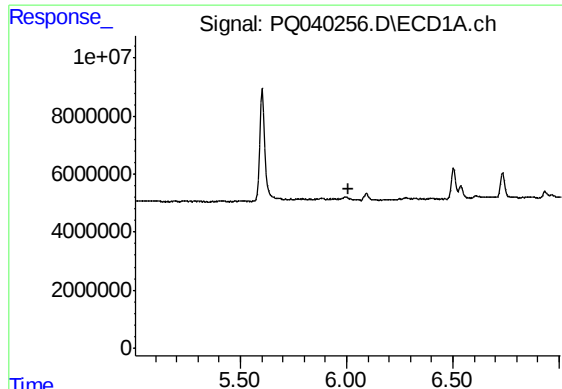
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

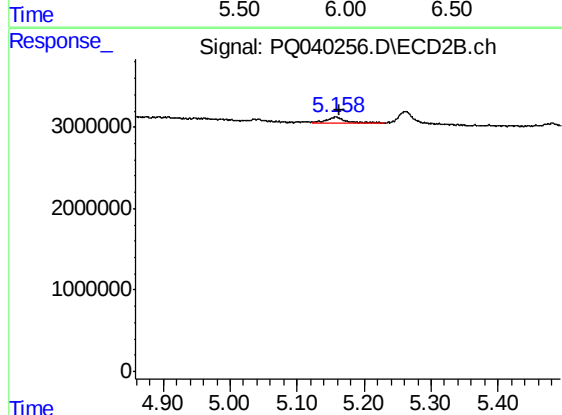
R.T.: 5.038 min
Delta R.T.: -0.008 min
Response: 278657
Conc: 11.37 ng/ml



#9 AR-1221-2

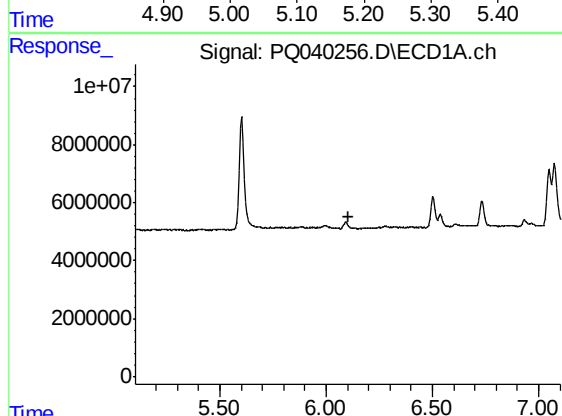
R.T.: 0.000 min
Exp R.T. : 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



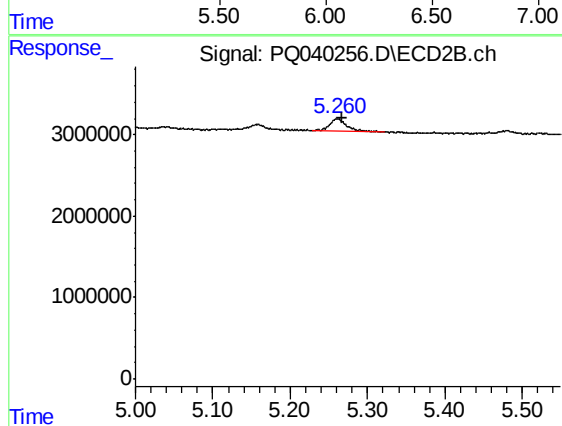
#9 AR-1221-2

R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 1488246
Conc: 91.37 ng/ml



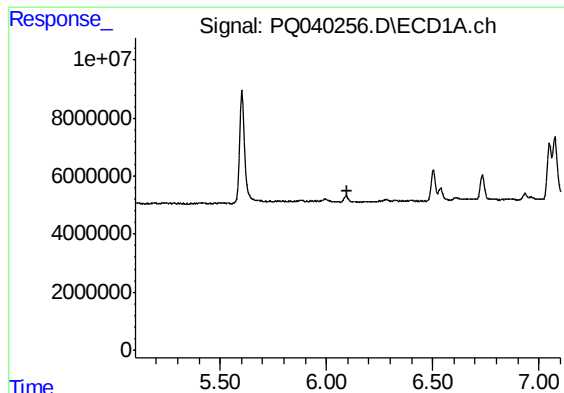
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

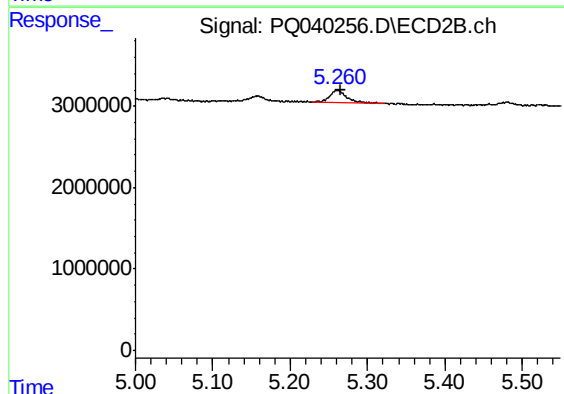
R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 2331433
Conc: 38.34 ng/ml



#11 AR-1232-1

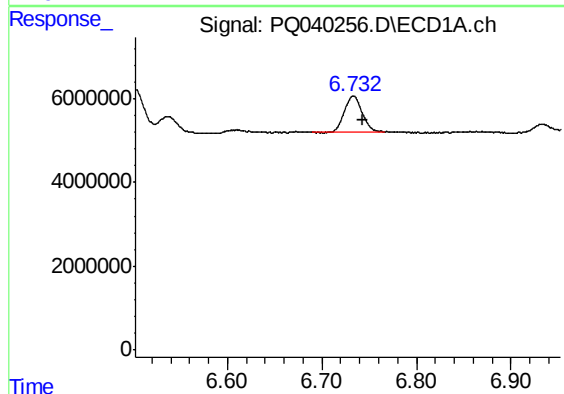
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



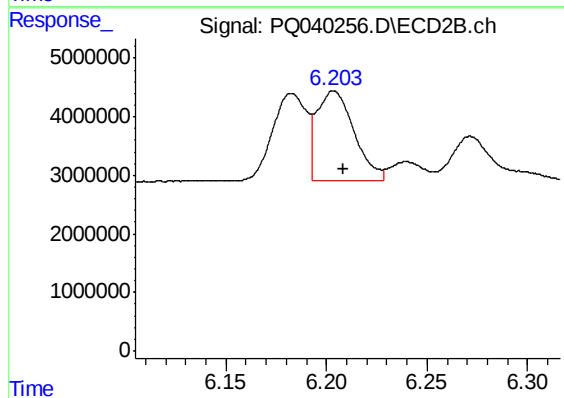
#11 AR-1232-1

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 2331433
Conc: 50.88 ng/ml



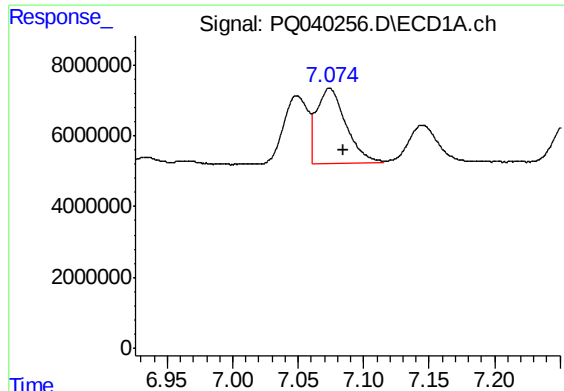
#12 AR-1232-2

R.T.: 6.733 min
Delta R.T.: -0.010 min
Response: 11286818
Conc: 284.68 ng/ml



#12 AR-1232-2

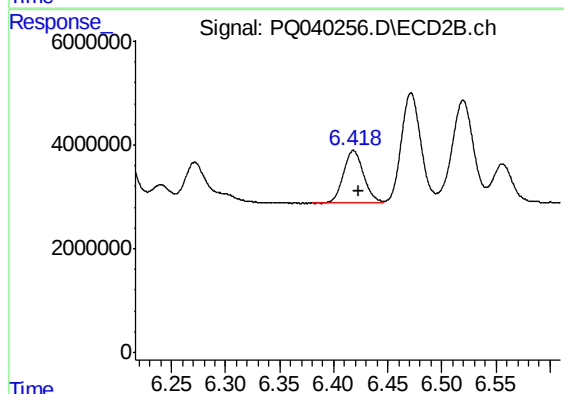
R.T.: 6.204 min
Delta R.T.: -0.005 min
Response: 19899210
Conc: 331.73 ng/ml



#13 AR-1232-3

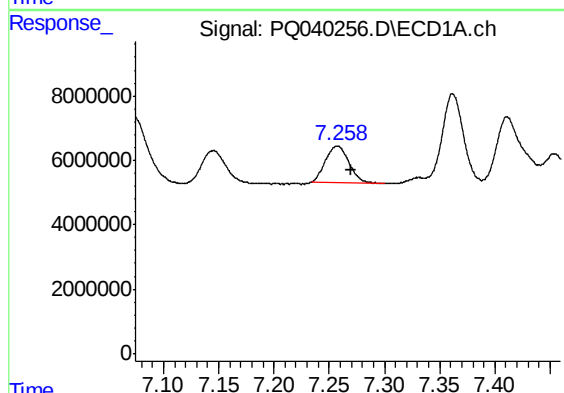
R.T.: 7.074 min
Delta R.T.: -0.010 min
Response: 32831285
Conc: 406.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



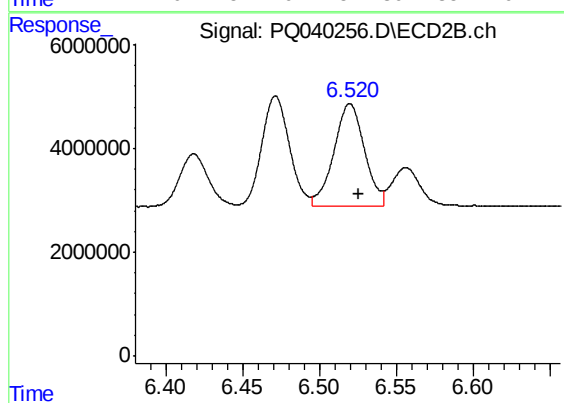
#13 AR-1232-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 13157557
Conc: 374.14 ng/ml



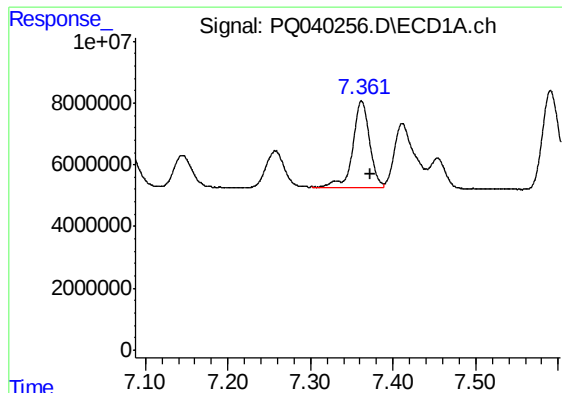
#14 AR-1232-4

R.T.: 7.257 min
Delta R.T.: -0.012 min
Response: 16633915
Conc: 397.96 ng/ml



#14 AR-1232-4

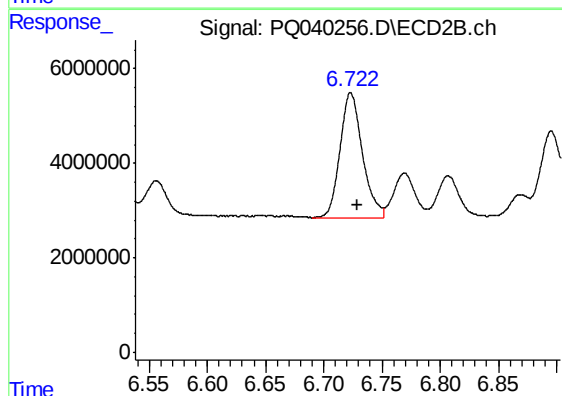
R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 27455893
Conc: 929.19 ng/ml



#15 AR-1232-5

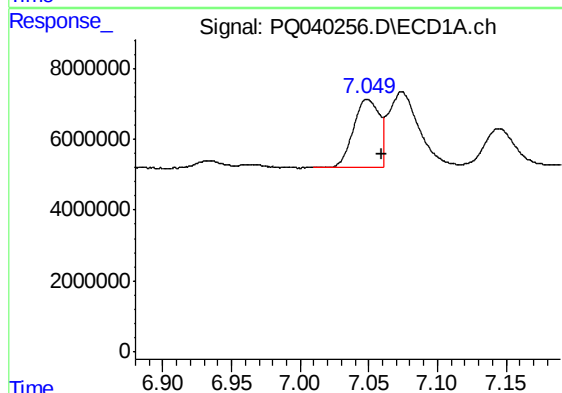
R.T.: 7.362 min
Delta R.T.: -0.010 min
Response: 39961395
Conc: 1260.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



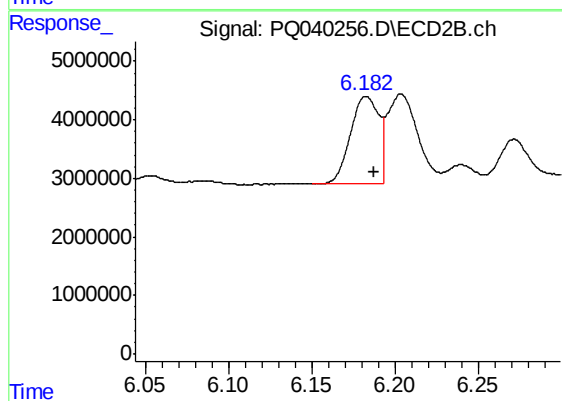
#15 AR-1232-5

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 35329060
Conc: 1173.55 ng/ml



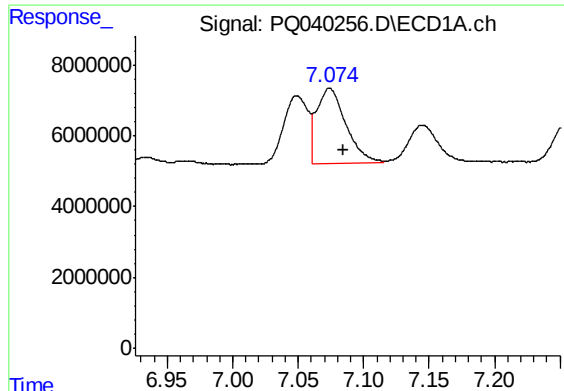
#16 AR-1242-1

R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 24845534
Conc: 256.26 ng/ml



#16 AR-1242-1

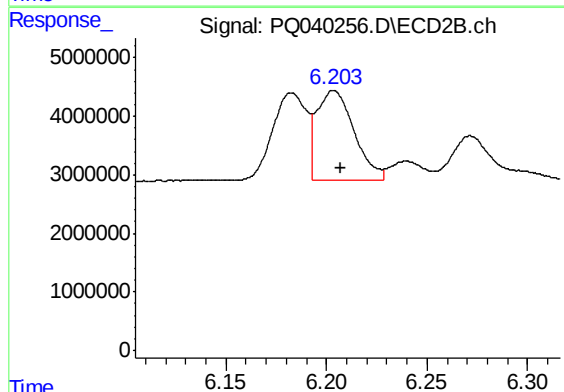
R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 17734353
Conc: 239.82 ng/ml



#17 AR-1242-2

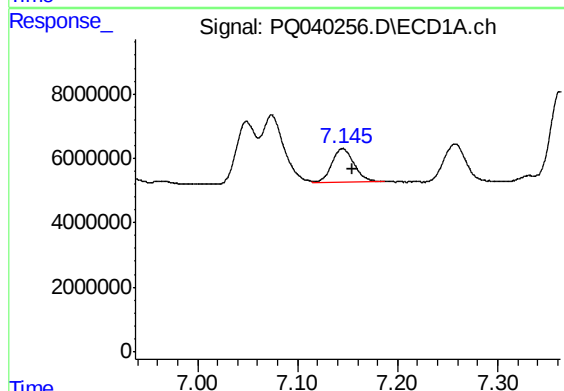
R.T.: 7.074 min
Delta R.T.: -0.011 min
Response: 32831285
Conc: 227.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



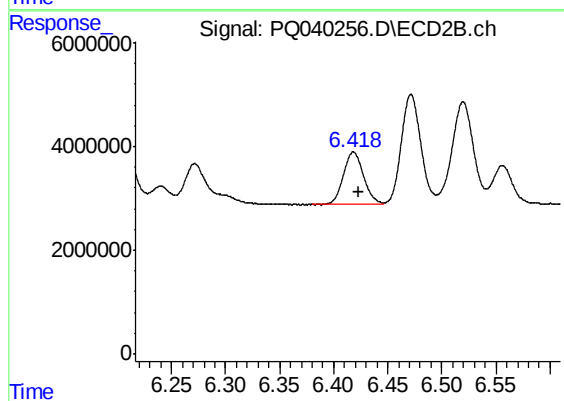
#17 AR-1242-2

R.T.: 6.204 min
Delta R.T.: -0.004 min
Response: 19899210
Conc: 186.92 ng/ml



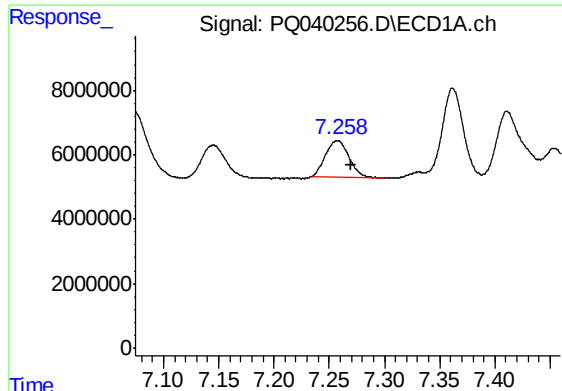
#18 AR-1242-3

R.T.: 7.145 min
Delta R.T.: -0.010 min
Response: 16317910
Conc: 175.29 ng/ml



#18 AR-1242-3

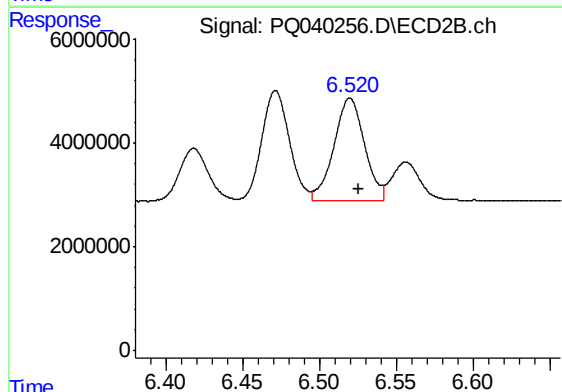
R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 13157557
Conc: 218.11 ng/ml



#19 AR-1242-4

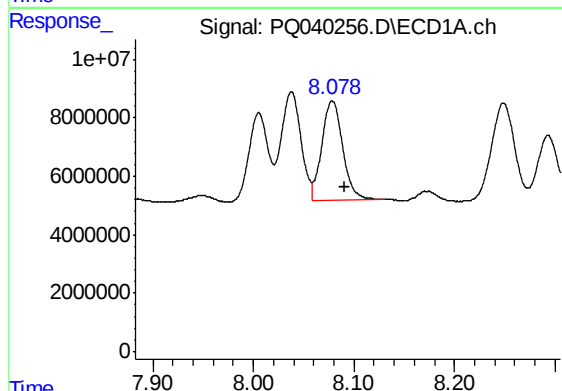
R.T.: 7.257 min
Delta R.T.: -0.013 min
Response: 16633915
Conc: 221.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



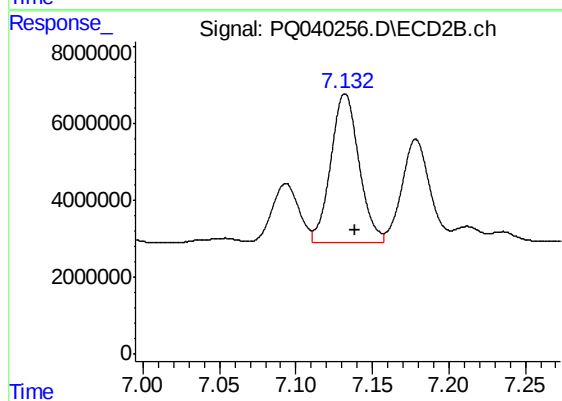
#19 AR-1242-4

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 27455893
Conc: 460.67 ng/ml



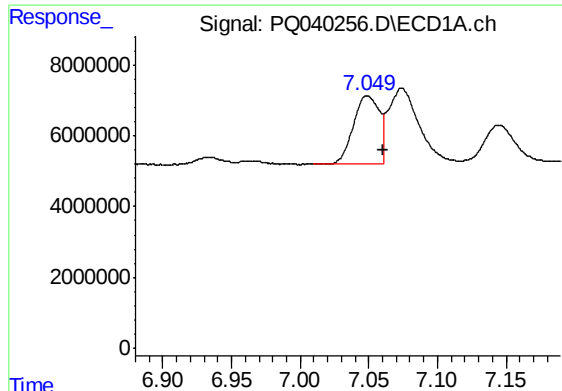
#20 AR-1242-5

R.T.: 8.079 min
Delta R.T.: -0.012 min
Response: 49654491
Conc: 572.76 ng/ml



#20 AR-1242-5

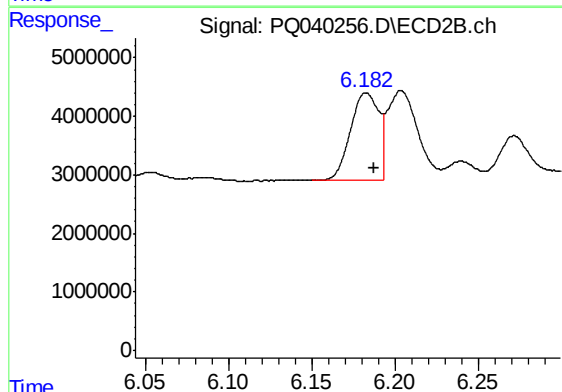
R.T.: 7.132 min
Delta R.T.: -0.006 min
Response: 50078107
Conc: 621.41 ng/ml



#21 AR-1248-1

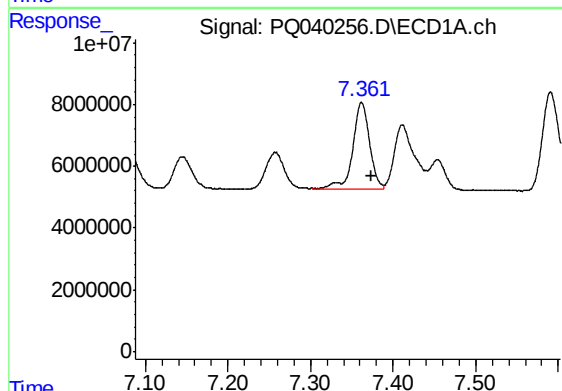
R.T.: 7.049 min
Delta R.T.: -0.012 min
Response: 24845534
Conc: 320.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



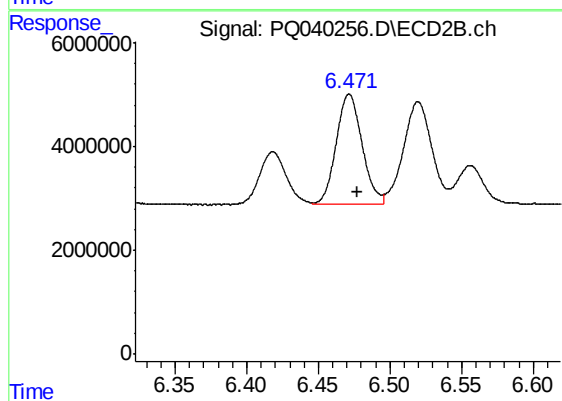
#21 AR-1248-1

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 17734353
Conc: 307.76 ng/ml



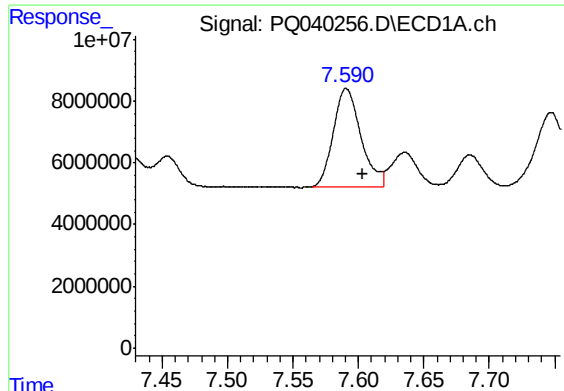
#22 AR-1248-2

R.T.: 7.362 min
Delta R.T.: -0.012 min
Response: 39961395
Conc: 354.80 ng/ml



#22 AR-1248-2

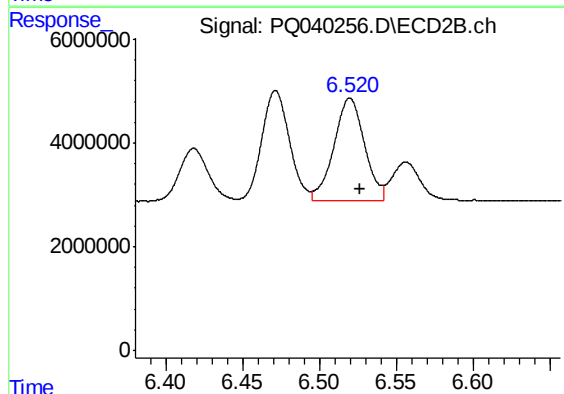
R.T.: 6.472 min
Delta R.T.: -0.005 min
Response: 26839140
Conc: 305.27 ng/ml



#23 AR-1248-3

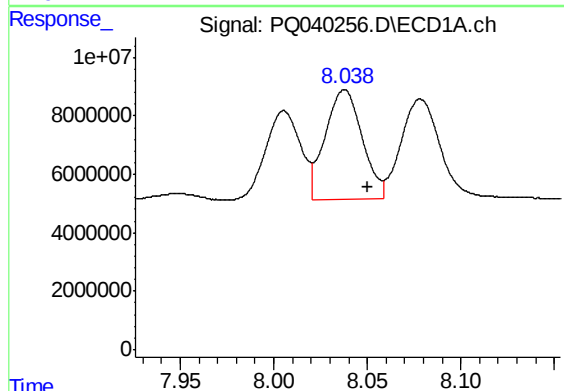
R.T.: 7.591 min
Delta R.T.: -0.013 min
Response: 46710700
Conc: 338.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



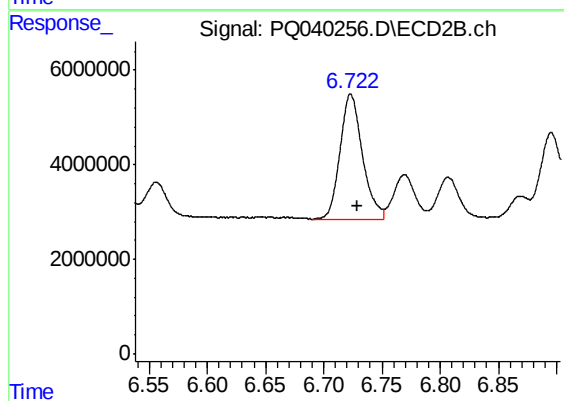
#23 AR-1248-3

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 27455893
Conc: 303.44 ng/ml



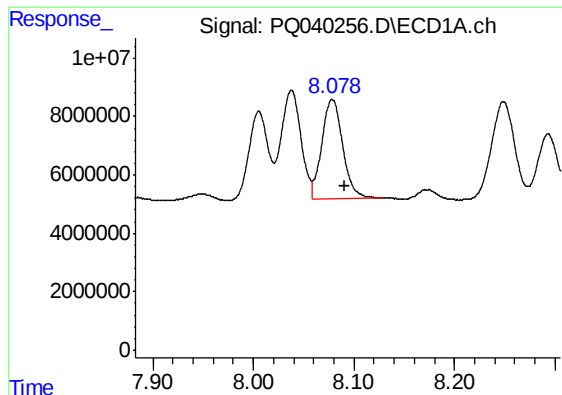
#24 AR-1248-4

R.T.: 8.038 min
Delta R.T.: -0.013 min
Response: 51753863
Conc: 342.81 ng/ml



#24 AR-1248-4

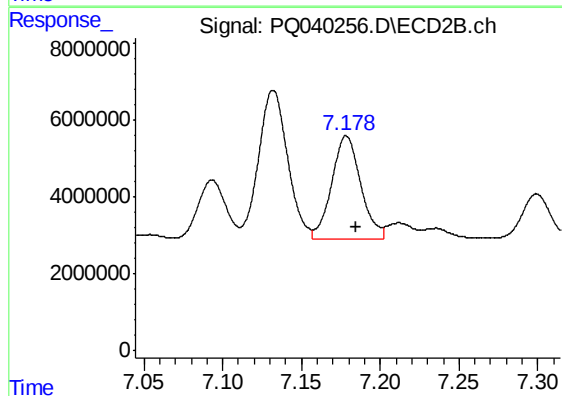
R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 35329060
Conc: 319.92 ng/ml



#25 AR-1248-5

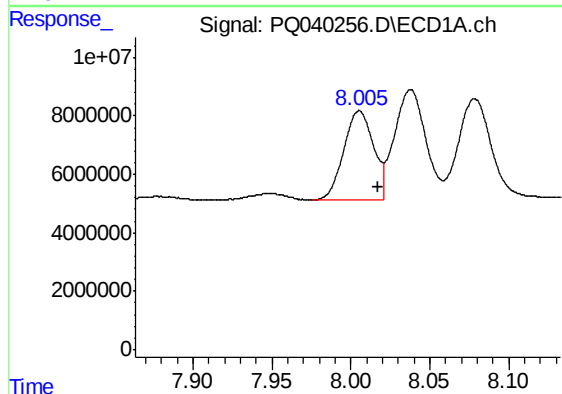
R.T.: 8.079 min
Delta R.T.: -0.012 min
Response: 49654491
Conc: 329.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



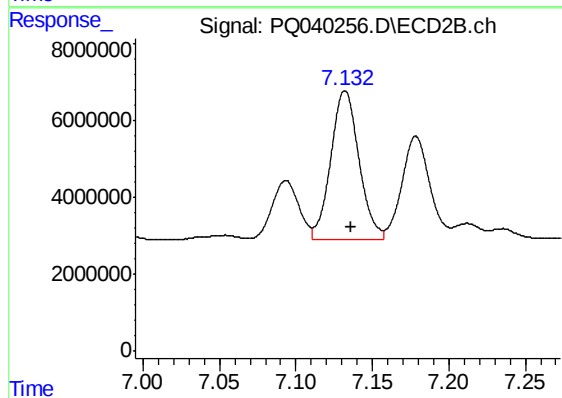
#25 AR-1248-5

R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 34642235
Conc: 305.12 ng/ml



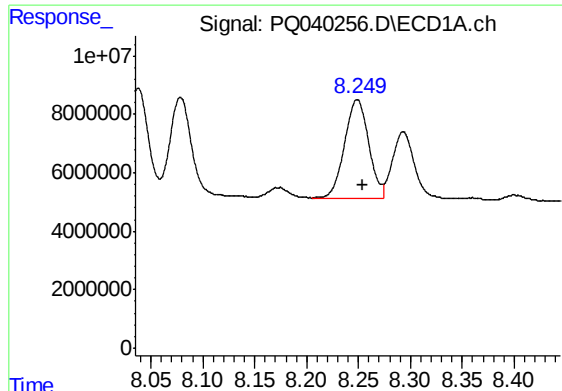
#26 AR-1254-1

R.T.: 8.005 min
Delta R.T.: -0.012 min
Response: 39815966
Conc: 228.31 ng/ml



#26 AR-1254-1

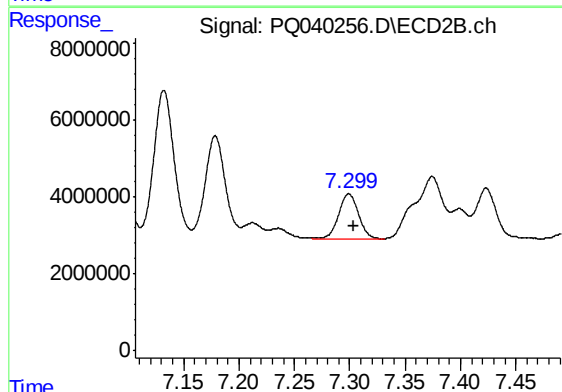
R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 50078107
Conc: 261.46 ng/ml



#27 AR-1254-2

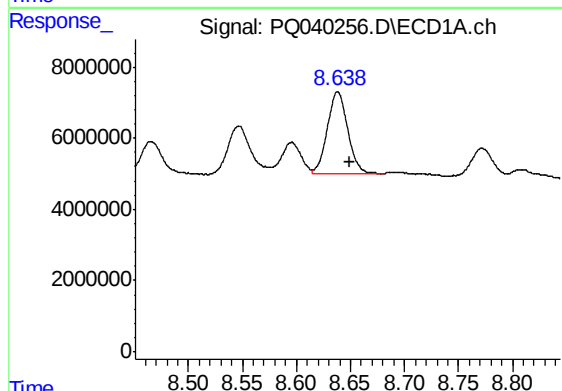
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 54406384
Conc: 196.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



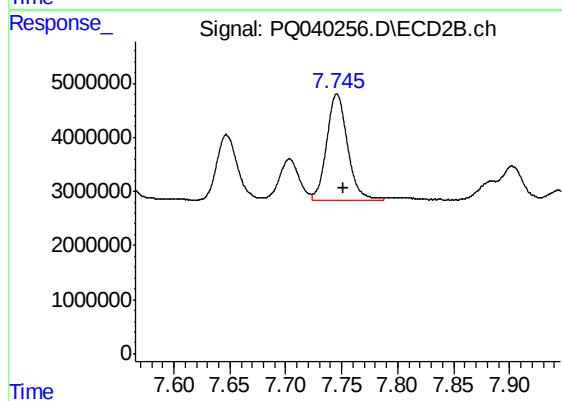
#27 AR-1254-2

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 14627103
Conc: 84.19 ng/ml



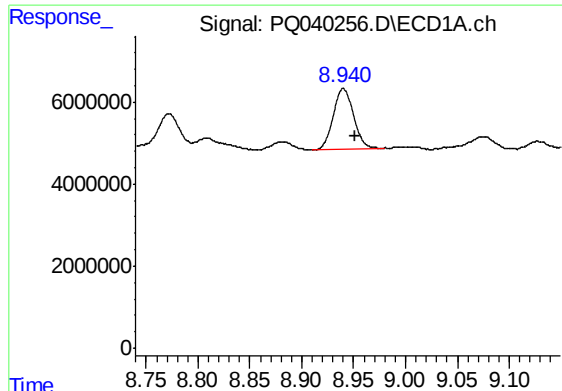
#28 AR-1254-3

R.T.: 8.638 min
Delta R.T.: -0.011 min
Response: 30320979
Conc: 102.17 ng/ml



#28 AR-1254-3

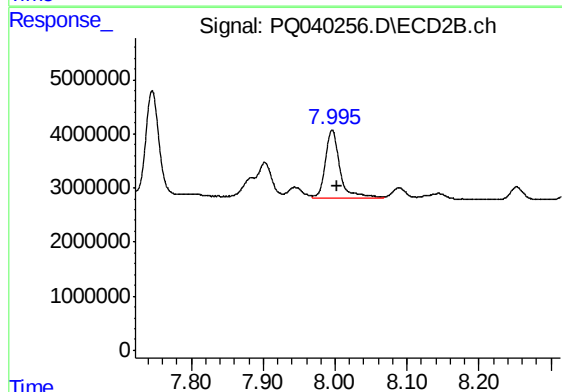
R.T.: 7.746 min
Delta R.T.: -0.006 min
Response: 25707097
Conc: 88.96 ng/ml



#29 AR-1254-4

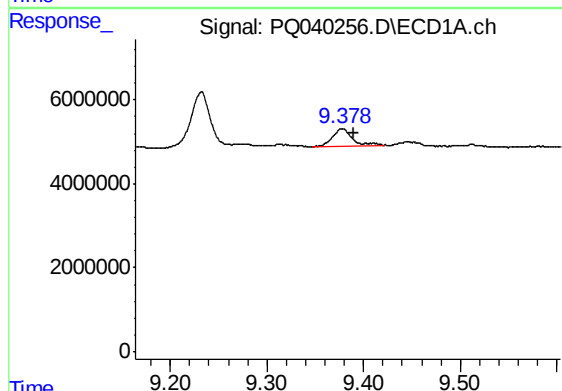
R.T.: 8.940 min
Delta R.T.: -0.012 min
Response: 20179792
Conc: 97.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



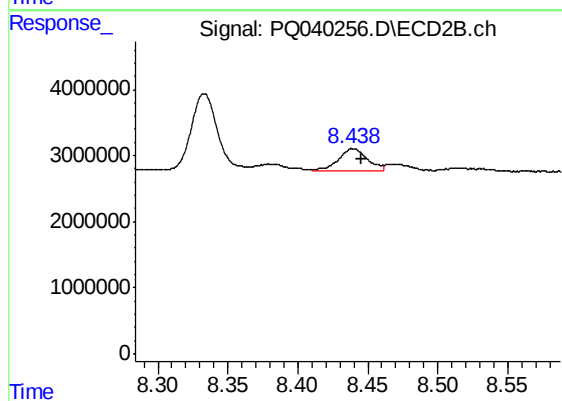
#29 AR-1254-4

R.T.: 7.996 min
Delta R.T.: -0.006 min
Response: 18058226
Conc: 101.14 ng/ml



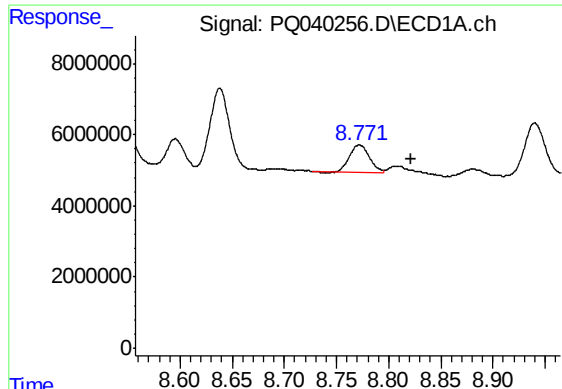
#30 AR-1254-5

R.T.: 9.378 min
Delta R.T.: -0.012 min
Response: 5880219
Conc: 20.42 ng/ml



#30 AR-1254-5

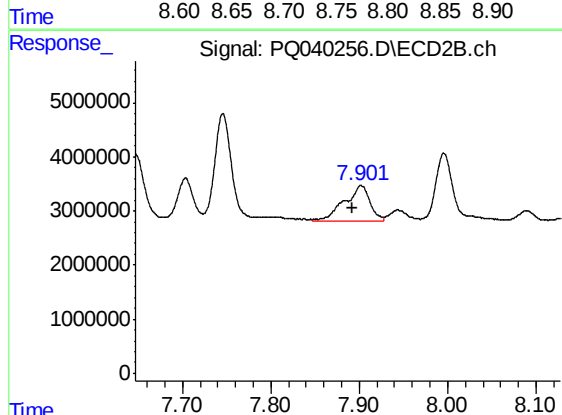
R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 4891947
Conc: 18.99 ng/ml



#31 AR-1260-1

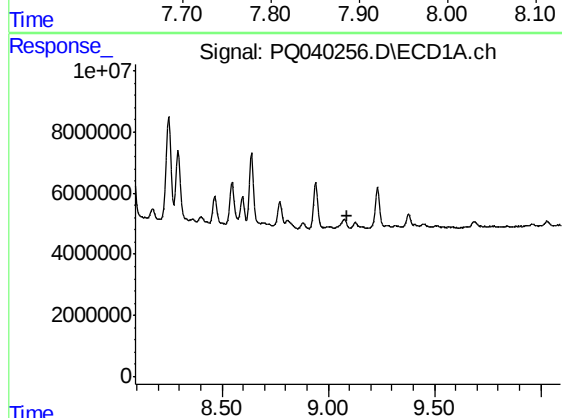
R.T.: 8.772 min
Delta R.T.: -0.050 min
Response: 10449280
Conc: 31.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248339



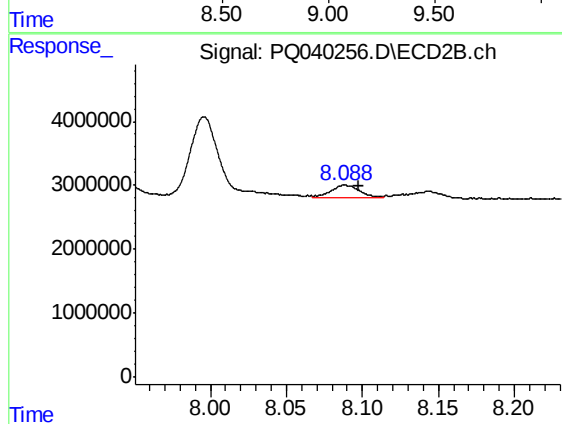
#31 AR-1260-1

R.T.: 7.902 min
Delta R.T.: 0.010 min
Response: 12997529
Conc: 47.41 ng/ml



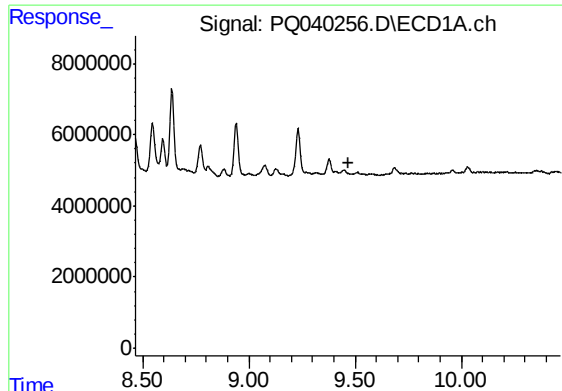
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

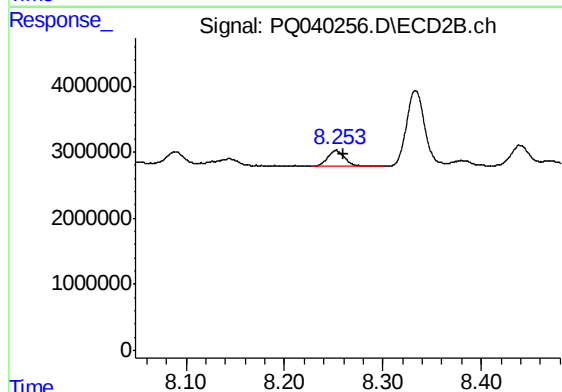
R.T.: 8.089 min
Delta R.T.: -0.008 min
Response: 2760634
Conc: 7.98 ng/ml



#33 AR-1260-3

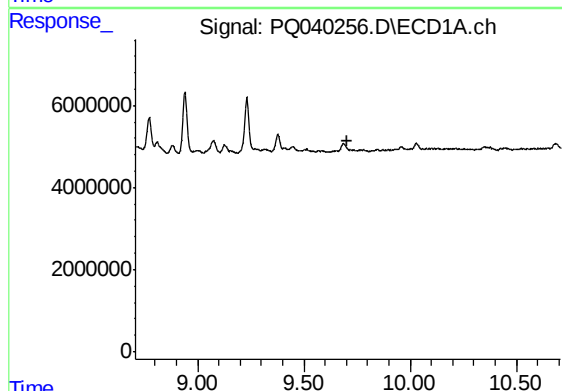
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



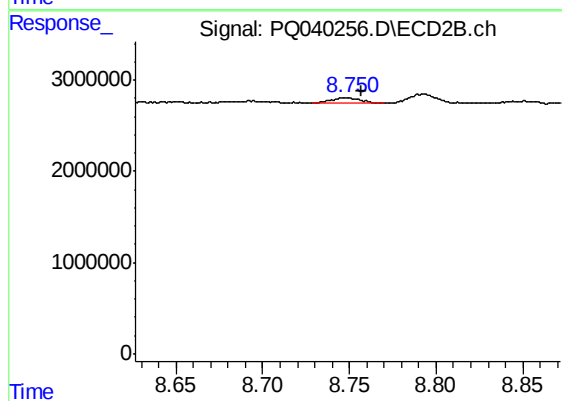
#33 AR-1260-3

R.T.: 8.252 min
Delta R.T.: -0.008 min
Response: 2985018
Conc: 9.31 ng/ml



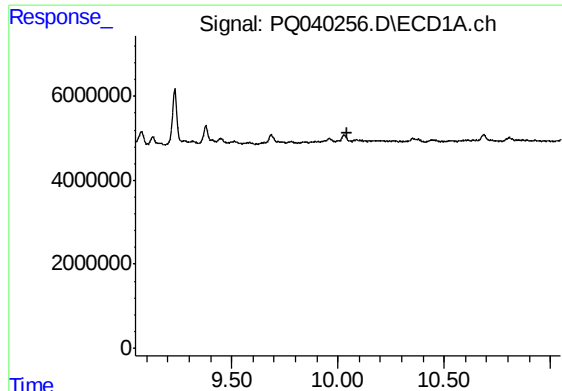
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

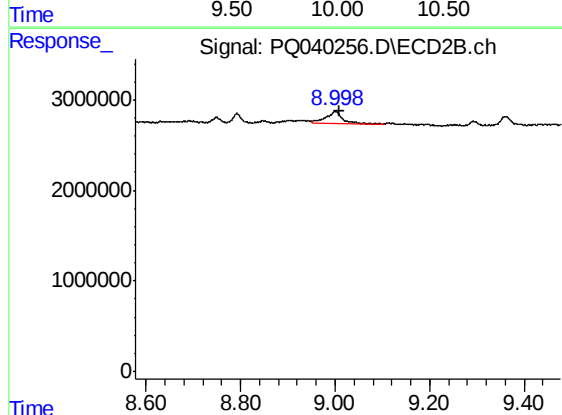
R.T.: 8.748 min
Delta R.T.: -0.008 min
Response: 707222
Conc: 2.60 ng/ml



#35 AR-1260-5

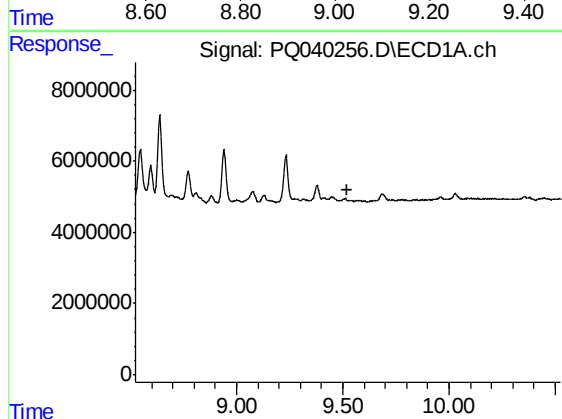
R.T.: 0.000 min
Exp R.T. : 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



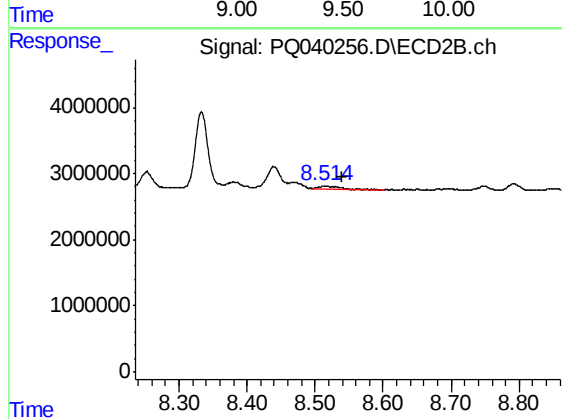
#35 AR-1260-5

R.T.: 9.001 min
Delta R.T.: -0.010 min
Response: 3557664
Conc: 5.29 ng/ml



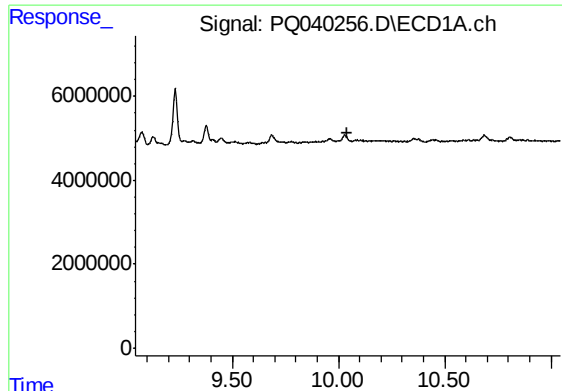
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

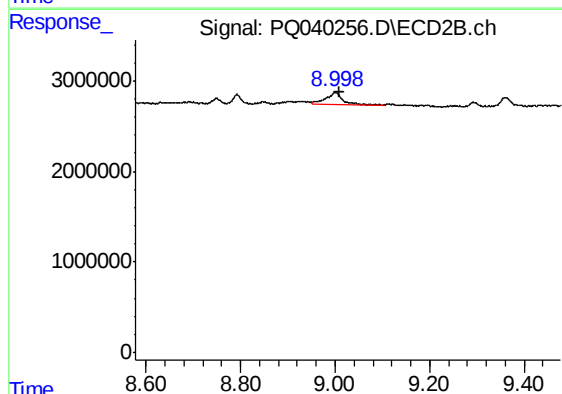
R.T.: 8.514 min
Delta R.T.: -0.025 min
Response: 1055619
Conc: 9.30 ng/ml



#37 AR-1262-2

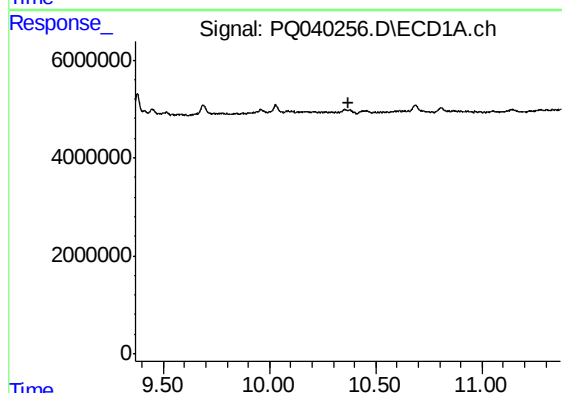
R.T.: 0.000 min
Exp R.T. : 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



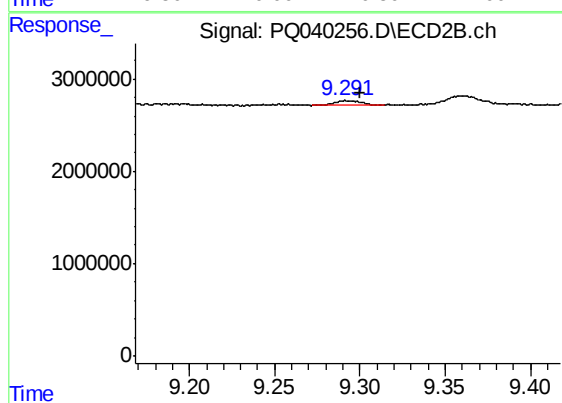
#37 AR-1262-2

R.T.: 9.001 min
Delta R.T.: -0.009 min
Response: 3557664
Conc: 7.17 ng/ml



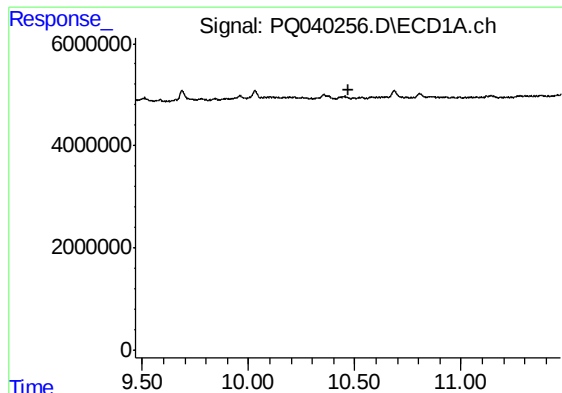
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

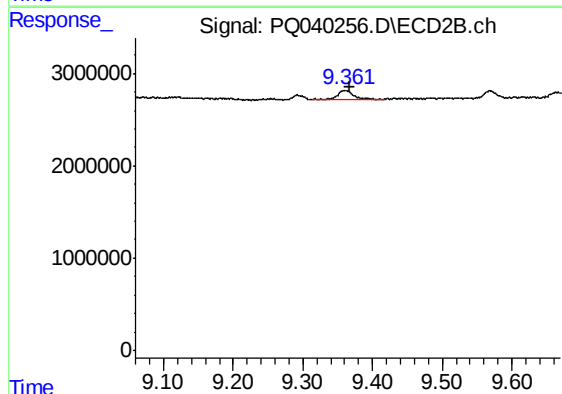
R.T.: 9.293 min
Delta R.T.: -0.007 min
Response: 584420
Conc: 2.78 ng/ml



#39 AR-1262-4

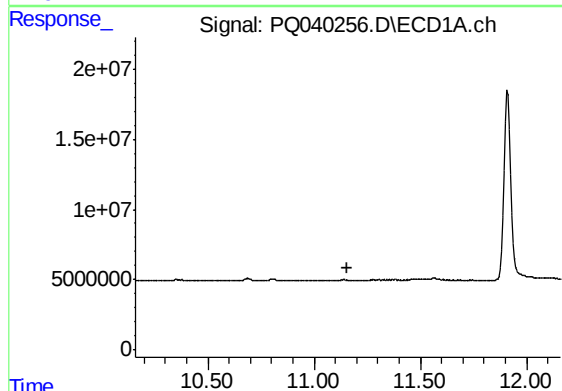
R.T.: 0.000 min
Exp R.T. : 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



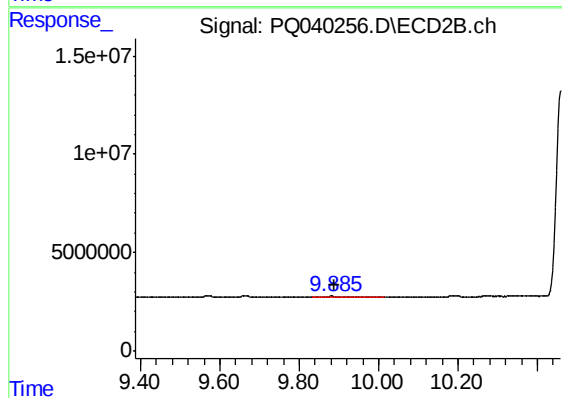
#39 AR-1262-4

R.T.: 9.361 min
Delta R.T.: -0.008 min
Response: 1707473
Conc: 4.51 ng/ml



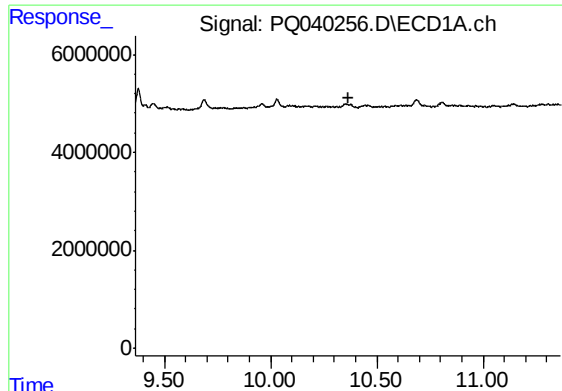
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

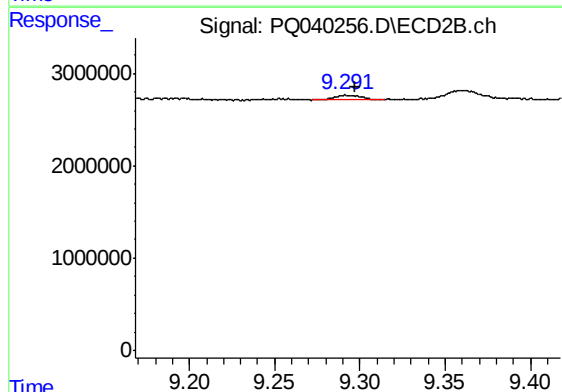
R.T.: 9.882 min
Delta R.T.: -0.007 min
Response: 1826382
Conc: 11.26 ng/ml



#41 AR-1268-1

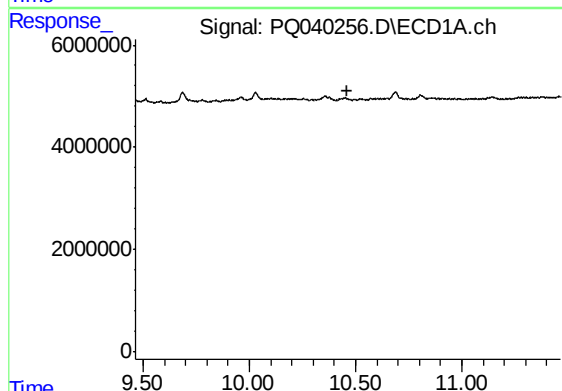
R.T.: 0.000 min
Exp R.T. : 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



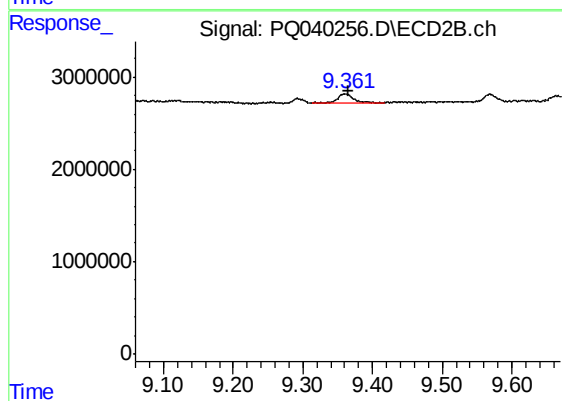
#41 AR-1268-1

R.T.: 9.293 min
Delta R.T.: -0.004 min
Response: 584420
Conc: 1.28 ng/ml



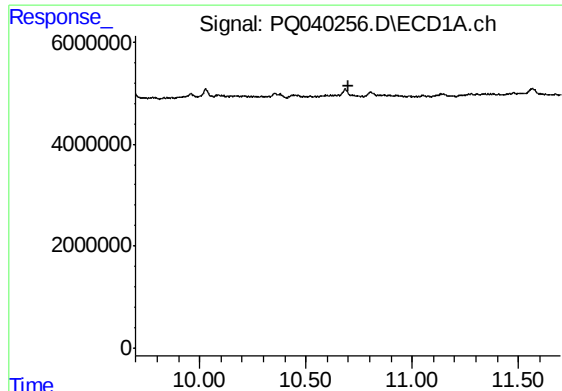
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

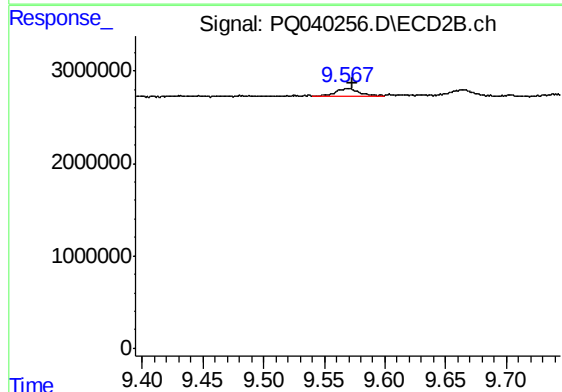
R.T.: 9.361 min
Delta R.T.: -0.005 min
Response: 1707473
Conc: 3.91 ng/ml



#43 AR-1268-3

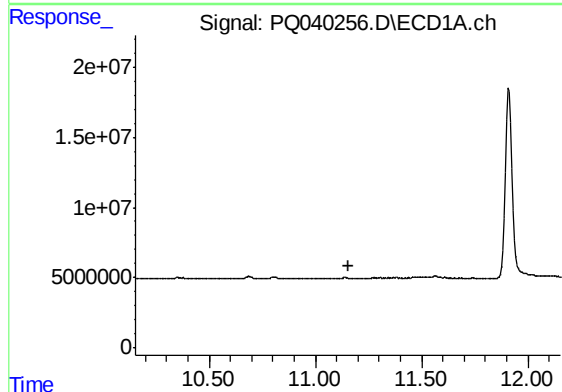
R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



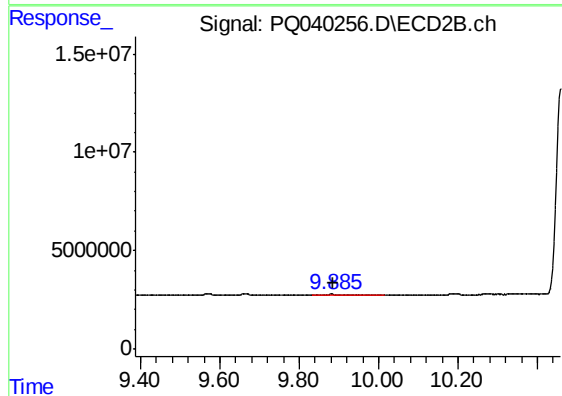
#43 AR-1268-3

R.T.: 9.569 min
Delta R.T.: -0.004 min
Response: 1044439
Conc: 2.78 ng/ml



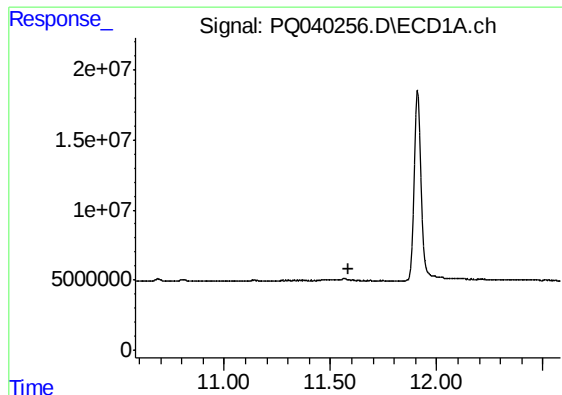
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

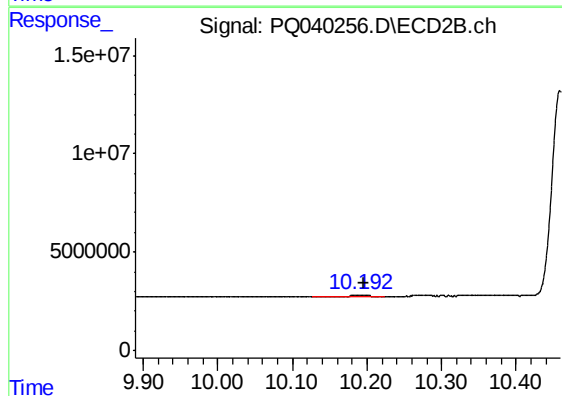
R.T.: 9.882 min
Delta R.T.: -0.004 min
Response: 1826382
Conc: 13.26 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1248339



#45 AR-1268-5

R.T.: 10.191 min
Delta R.T.: -0.005 min
Response: 1479159
Conc: 1.25 ng/ml