

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 10:02
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 03:29:53 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...	5.601	4.737	72029263	45861233	21.988	21.353
2)	SA Decachlor...	11.907	10.456	336.6E6	177.2E6	47.126	42.622
Target Compounds							
3)	L1 AR-1016-1	0.000	6.182	0	774764	N.D.	6.040 #
4)	L1 AR-1016-2	0.000	6.202	0	651438	N.D.	3.375 #
5)	L1 AR-1016-3	0.000	6.418	0	904290	N.D.	8.385 #
6)	L1 AR-1016-4	0.000	6.470	0	25694943	N.D.	301.764 #
7)	L1 AR-1016-5	7.590	6.722	20671956	15936726	149.014	138.412
8)	L2 AR-1221-1	0.000	5.009	0	143894	N.D.	5.872 #
9)	L2 AR-1221-2	0.000	5.154	0	1258579	N.D.	77.272 #
10)	L2 AR-1221-3	0.000	5.258	0	472570	N.D.	7.772 #
11)	L3 AR-1232-1	0.000	5.258	0	472570	N.D.	10.313 #
12)	L3 AR-1232-2	0.000	6.202	0	651438	N.D.	10.860 #
13)	L3 AR-1232-3	0.000	6.418	0	904290	N.D.	25.714 #
14)	L3 AR-1232-4	0.000	6.518	0	7537815	N.D.	255.102 #
15)	L3 AR-1232-5	7.361	6.722	35404481	15936726	1117.125	529.382 #
16)	L4 AR-1242-1	0.000	6.182	0	774764	N.D.	10.477 #
17)	L4 AR-1242-2	0.000	6.202	0	651438	N.D.	6.119 #
18)	L4 AR-1242-3	0.000	6.418	0	904290	N.D.	14.990 #
19)	L4 AR-1242-4	0.000	6.518	0	7537815	N.D.	126.473 #
20)	L4 AR-1242-5	8.080	7.131	21966816	70260826	253.384	871.848 #
21)	L5 AR-1248-1	0.000	6.182	0	774764	N.D.	13.445 #
22)	L5 AR-1248-2	7.361	6.470	35404481	25694943	314.337	292.255
23)	L5 AR-1248-3	7.590	6.518	20671956	7537815	149.767	83.306 #
24)	L5 AR-1248-4	8.036	6.722	33803200	15936726	223.907	144.316 #
25)	L5 AR-1248-5	8.080	7.178	21966816	8228737	145.902	72.477 #
26)	L6 AR-1254-1	8.006	7.131	70953011	70260826	406.854	366.828
27)	L6 AR-1254-2	8.242	7.298	113.7E6	62643000	411.227	360.576
28)	L6 AR-1254-3	8.637	7.745	124.7E6	108.5E6	420.307	375.295
29)	L6 AR-1254-4	8.939	7.995	89248060	65310951	429.431	365.790
30)	L6 AR-1254-5	9.376	8.438	106.3E6	102.3E6	369.149	396.975
31)	L7 AR-1260-1	8.807	7.884	51838242	51620410	155.947	188.301
32)	L7 AR-1260-2	9.076	8.089	59916498	43905710	148.320	126.926
33)	L7 AR-1260-3	9.442	8.251	14849921	44686112	45.015	139.337 #
34)	L7 AR-1260-4	9.683	8.748	40671660	4533238	110.361	16.684 #
35)	L7 AR-1260-5	10.027	9.000	19476474	11189426	25.292	16.646 #
36)	L8 AR-1262-1	0.000	8.511	0	12137935	N.D.	106.898 #
37)	L8 AR-1262-2	10.027	9.000	19476474	11189426	33.653	22.553 #
38)	L8 AR-1262-3	10.377	9.291	11643701	434192	27.538	2.065 #
39)	L8 AR-1262-4	0.000	9.359	0	11890357	N.D.	31.404 #
40)	L8 AR-1262-5	0.000	9.881	0	956136	N.D.	5.897 #
41)	L9 AR-1268-1	10.377	9.291	11643701	434192	19.330	0.951 #

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 Quant Time: May 27 03:29:53 2019
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 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
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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
42) L9	AR-1268-2	0.000	9.359	0	11890357	N.D.	27.197 #
43) L9	AR-1268-3	0.000	9.566	0	1268026	N.D.	3.378 #
44) L9	AR-1268-4	0.000	9.881	0	956136	N.D.	6.939 #
45) L9	AR-1268-5	0.000	10.188	0	1285006	N.D.	1.089 #

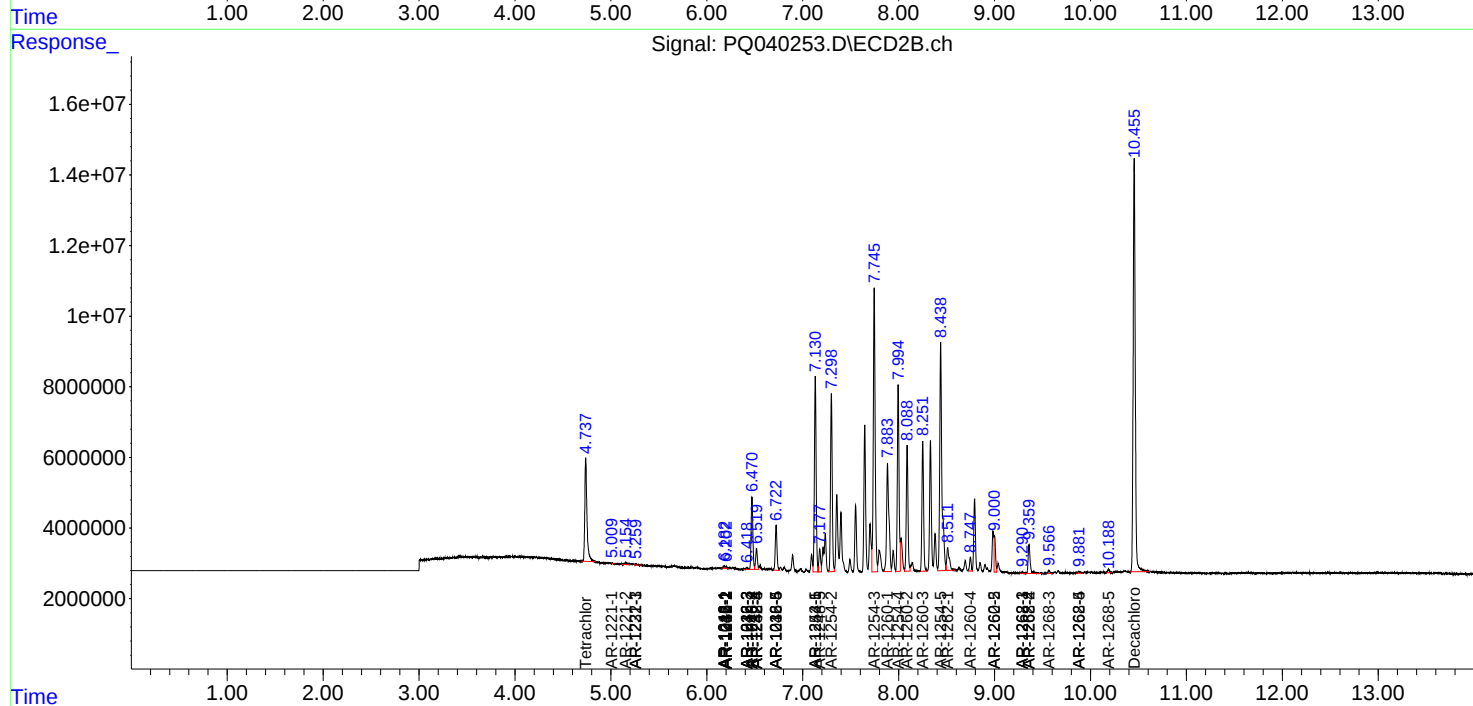
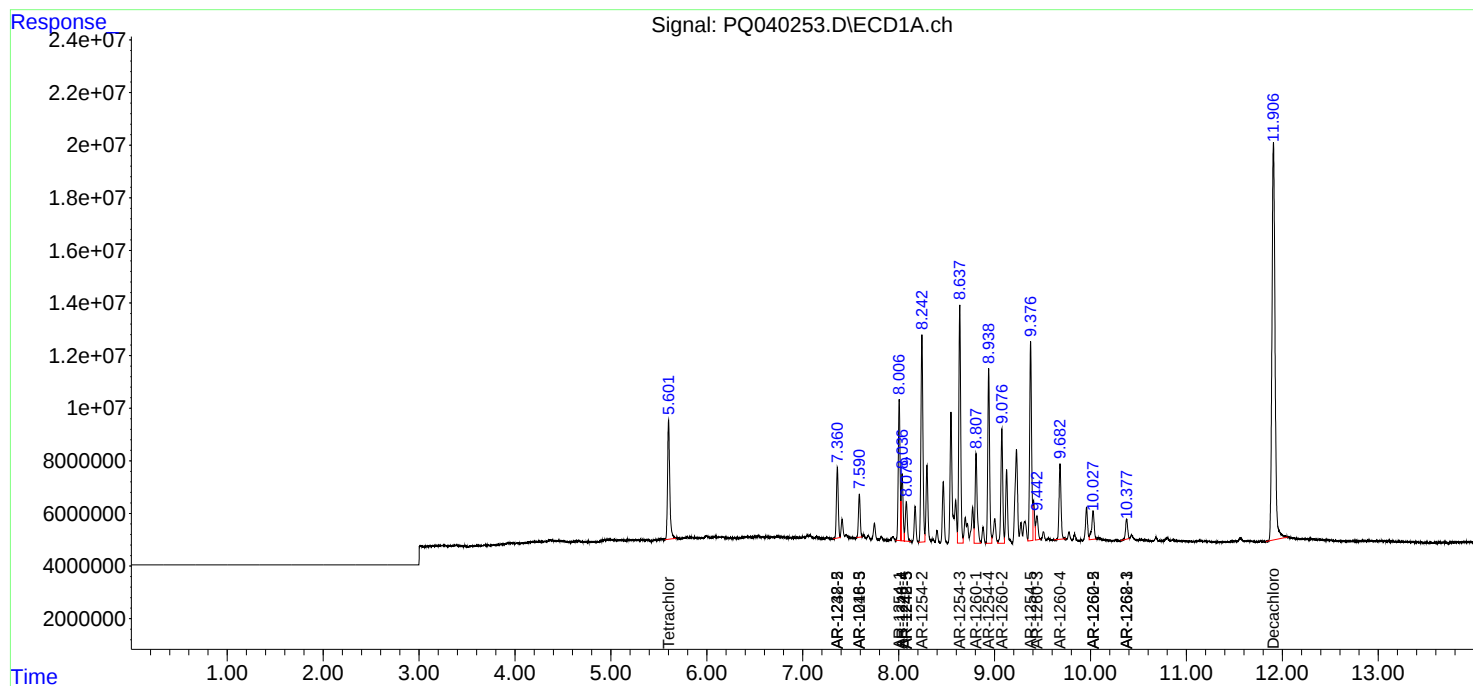
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

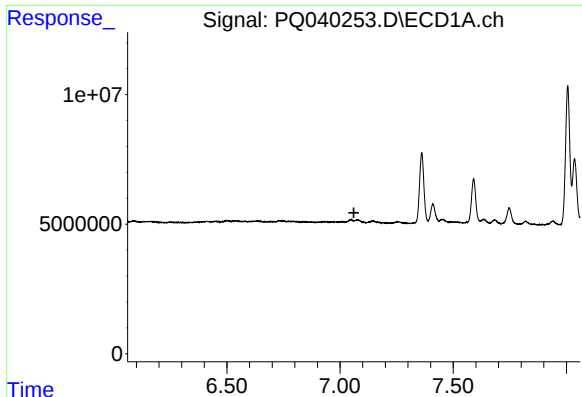
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
Data File : PQ040253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2019 10:02
Operator : SM\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 03:29:53 2019
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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

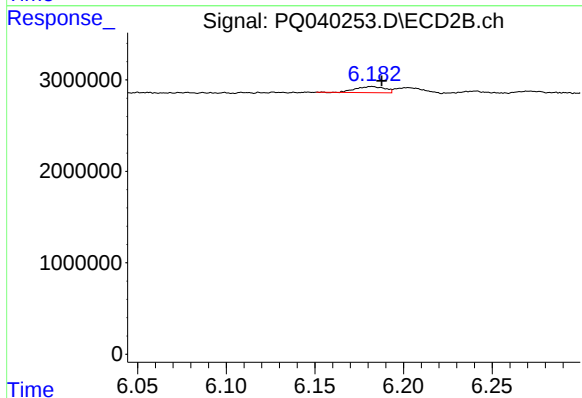




#3 AR-1016-1

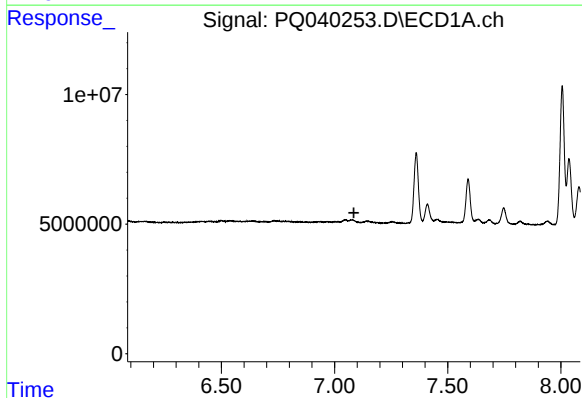
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



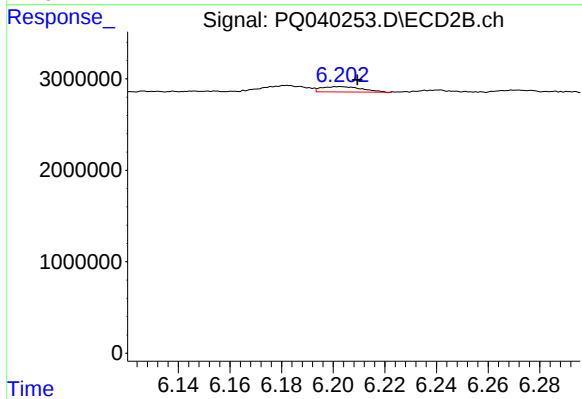
#3 AR-1016-1

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 774764
Conc: 6.04 ng/ml



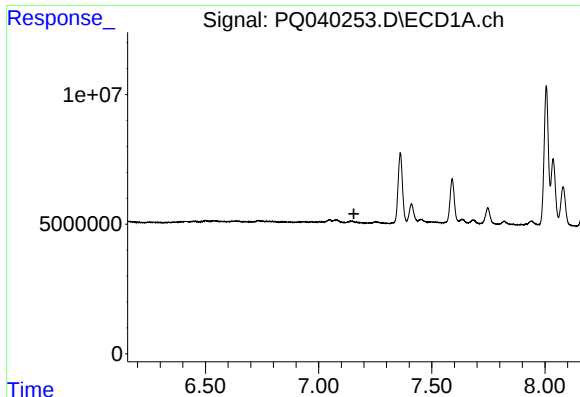
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.



#4 AR-1016-2

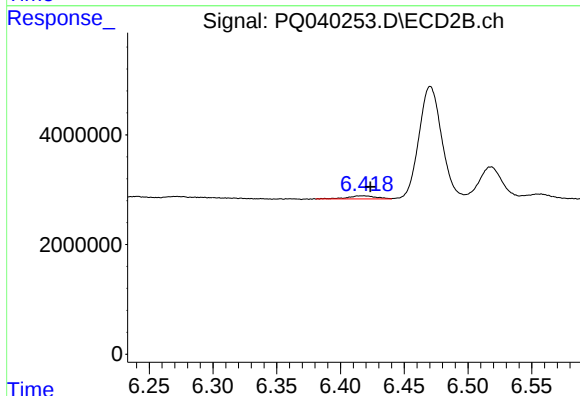
R.T.: 6.202 min
Delta R.T.: -0.007 min
Response: 651438
Conc: 3.38 ng/ml



#5 AR-1016-3

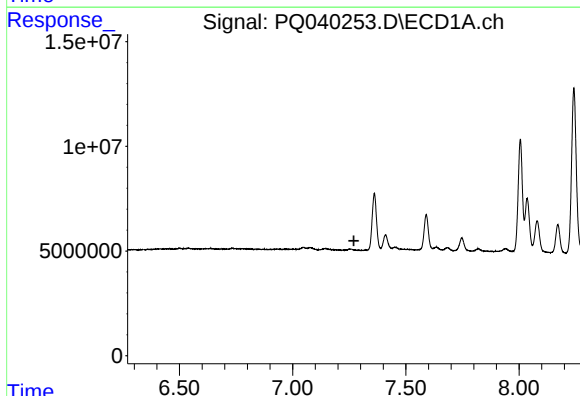
R.T.: 0.000 min
Exp R.T.: 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



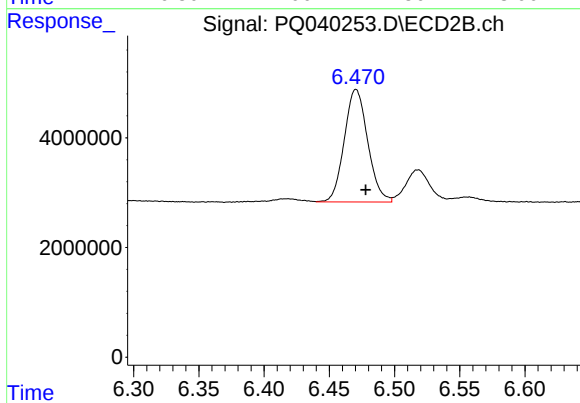
#5 AR-1016-3

R.T.: 6.418 min
Delta R.T.: -0.006 min
Response: 904290
Conc: 8.38 ng/ml



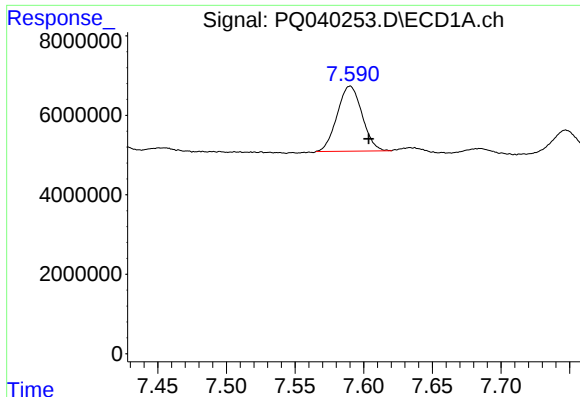
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.271 min
Response: 0
Conc: N.D.



#6 AR-1016-4

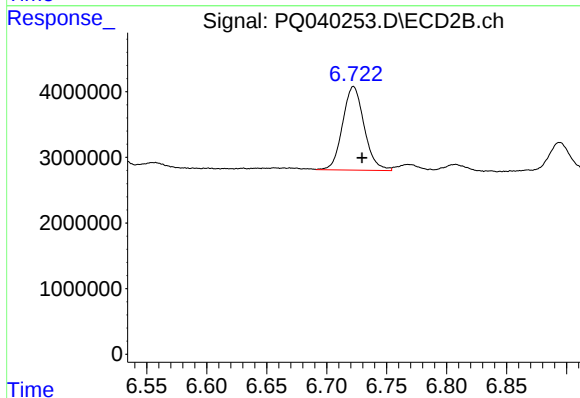
R.T.: 6.470 min
Delta R.T.: -0.007 min
Response: 25694943
Conc: 301.76 ng/ml



#7 AR-1016-5

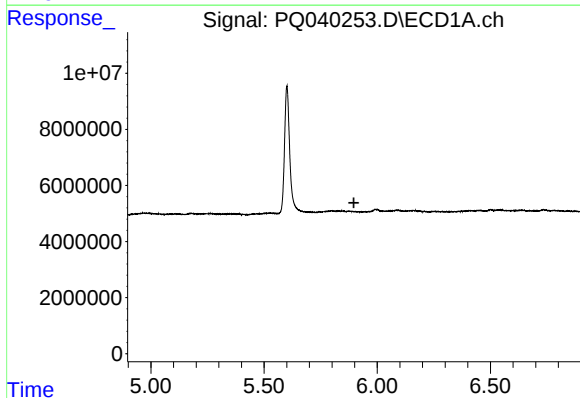
R.T.: 7.590 min
Delta R.T.: -0.014 min
Response: 20671956
Conc: 149.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



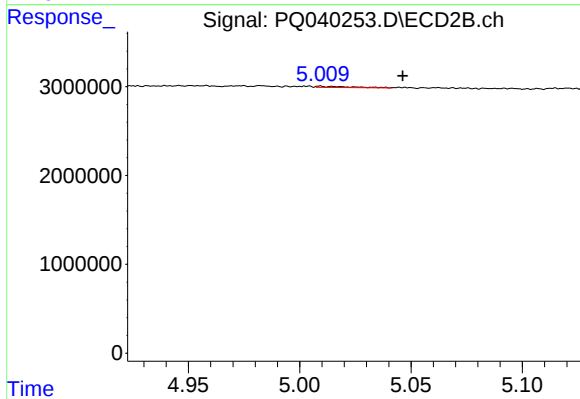
#7 AR-1016-5

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 15936726
Conc: 138.41 ng/ml



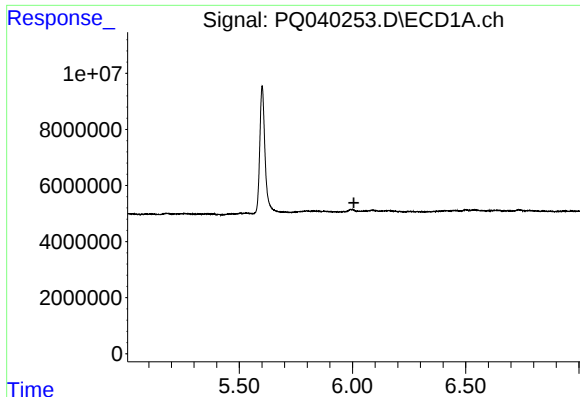
#8 AR-1221-1

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



#8 AR-1221-1

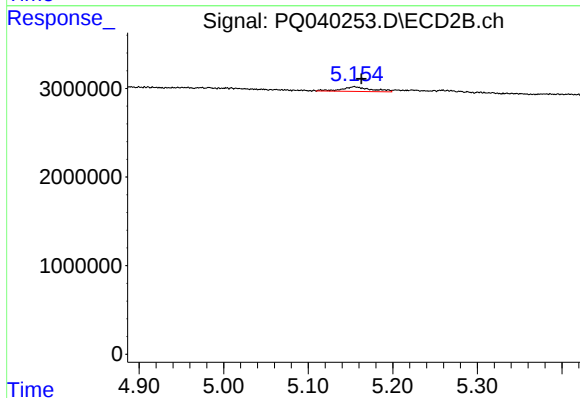
R.T.: 5.009 min
Delta R.T.: -0.037 min
Response: 143894
Conc: 5.87 ng/ml



#9 AR-1221-2

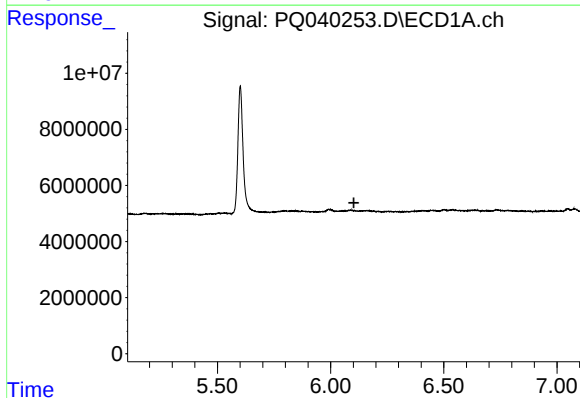
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



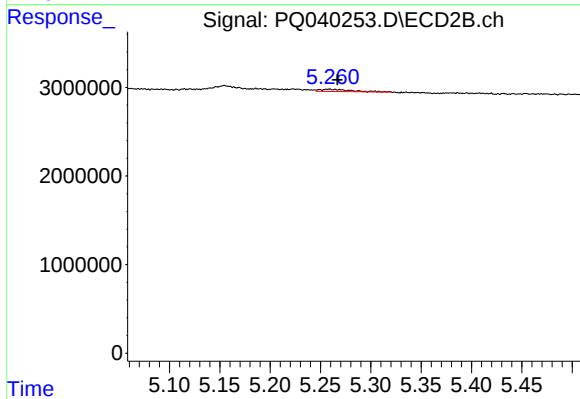
#9 AR-1221-2

R.T.: 5.154 min
Delta R.T.: -0.009 min
Response: 1258579
Conc: 77.27 ng/ml



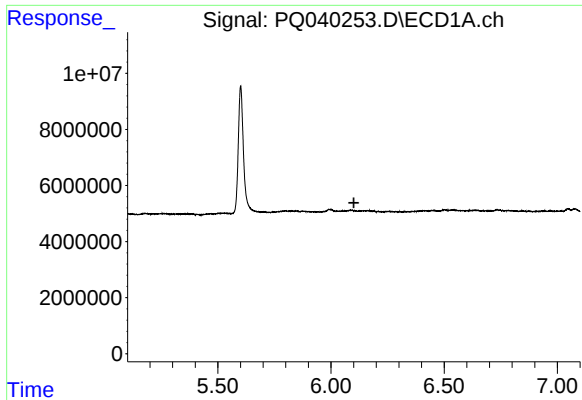
#10 AR-1221-3

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



#10 AR-1221-3

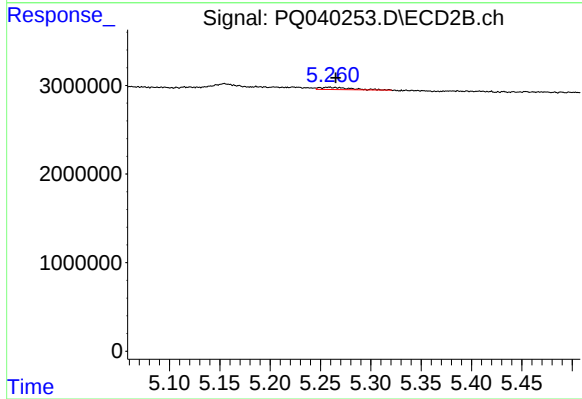
R.T.: 5.258 min
Delta R.T.: -0.008 min
Response: 472570
Conc: 7.77 ng/ml



#11 AR-1232-1

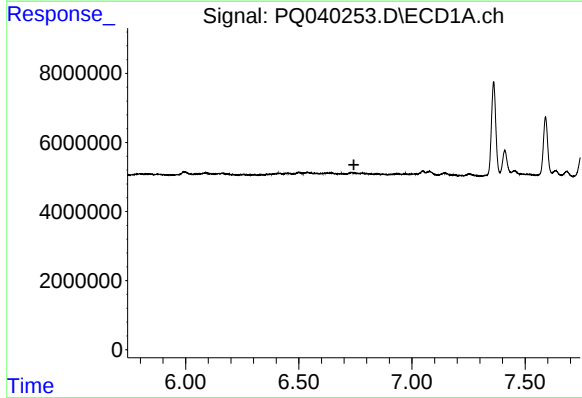
R.T.: 0.000 min
Exp R.T. : 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



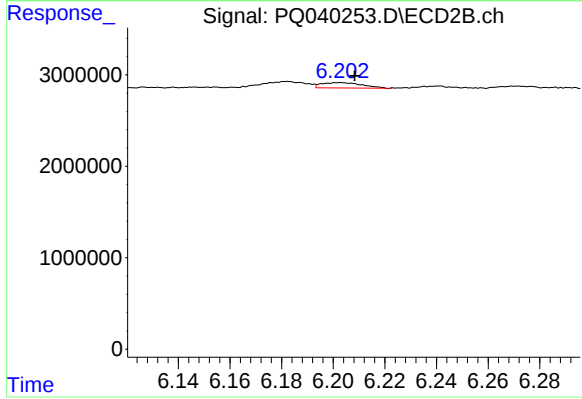
#11 AR-1232-1

R.T.: 5.258 min
Delta R.T.: -0.007 min
Response: 472570
Conc: 10.31 ng/ml



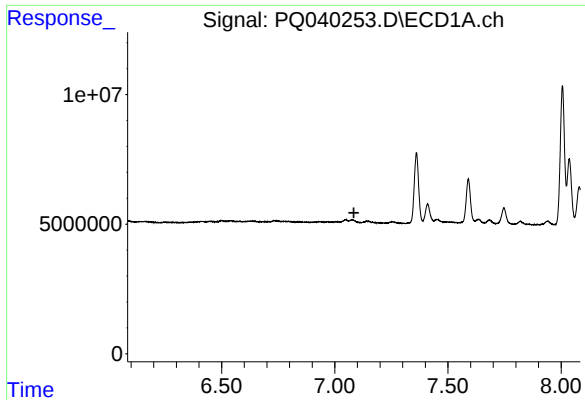
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

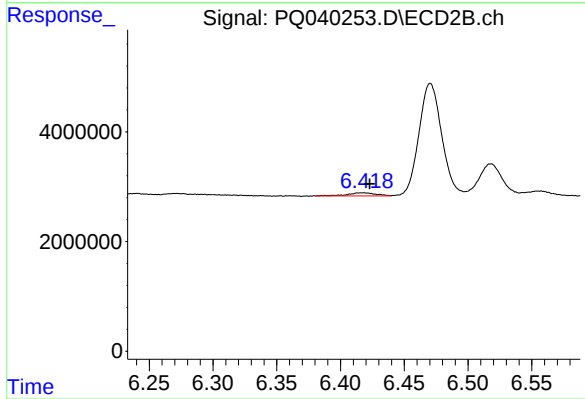
R.T.: 6.202 min
Delta R.T.: -0.006 min
Response: 651438
Conc: 10.86 ng/ml



#13 AR-1232-3

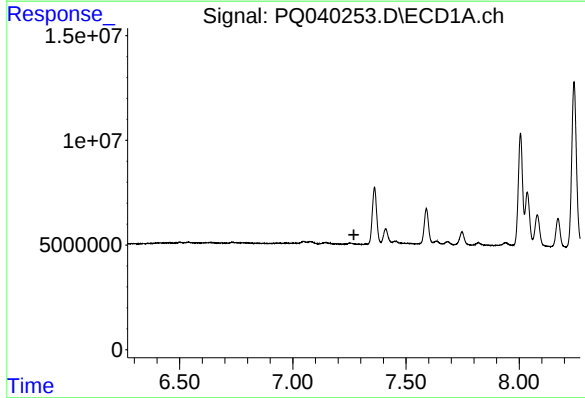
R.T.: 0.000 min
Exp R.T.: 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



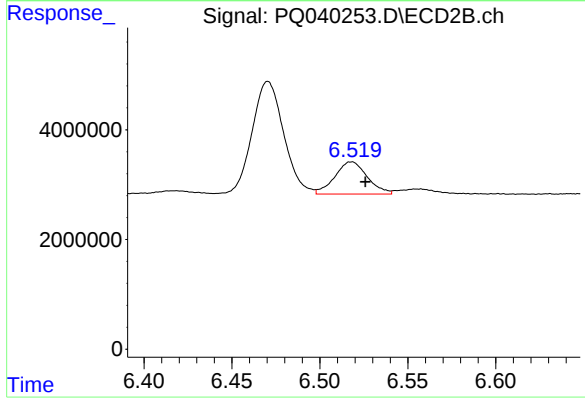
#13 AR-1232-3

R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 904290
Conc: 25.71 ng/ml



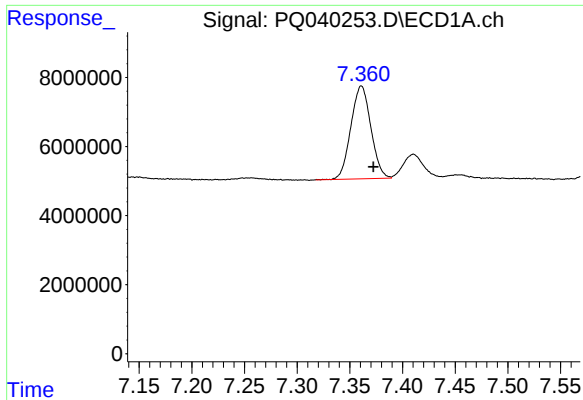
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.



#14 AR-1232-4

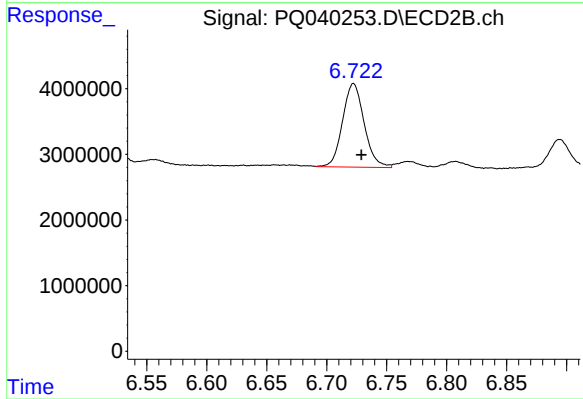
R.T.: 6.518 min
Delta R.T.: -0.008 min
Response: 7537815
Conc: 255.10 ng/ml



#15 AR-1232-5

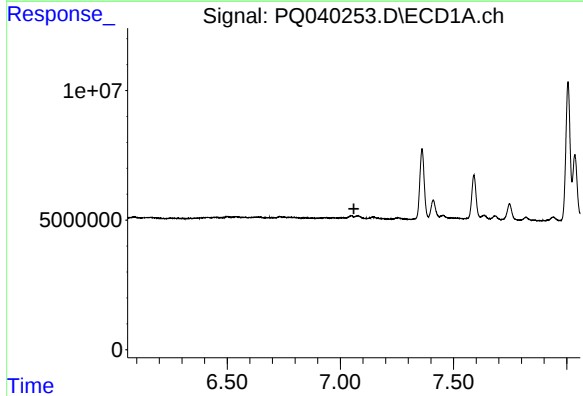
R.T.: 7.361 min
Delta R.T.: -0.011 min
Response: 35404481
Conc: 1117.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



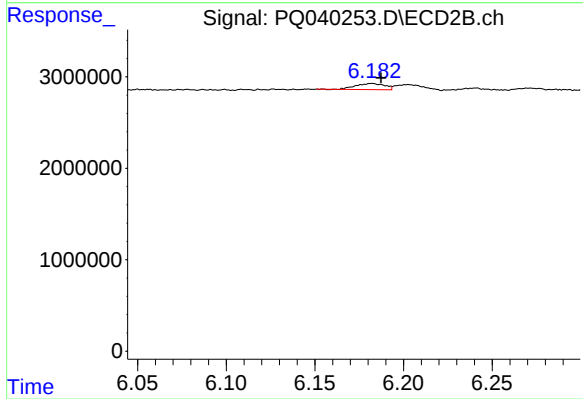
#15 AR-1232-5

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 15936726
Conc: 529.38 ng/ml



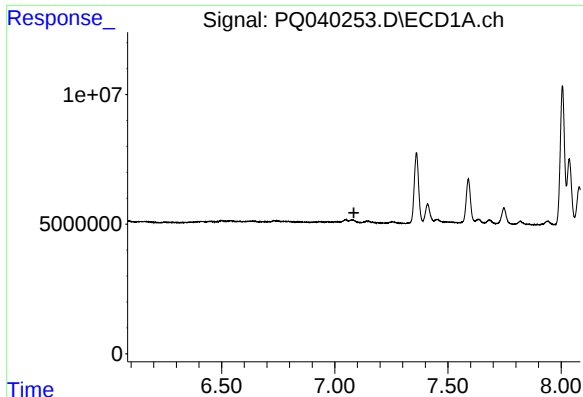
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.060 min
Response: 0
Conc: N.D.



#16 AR-1242-1

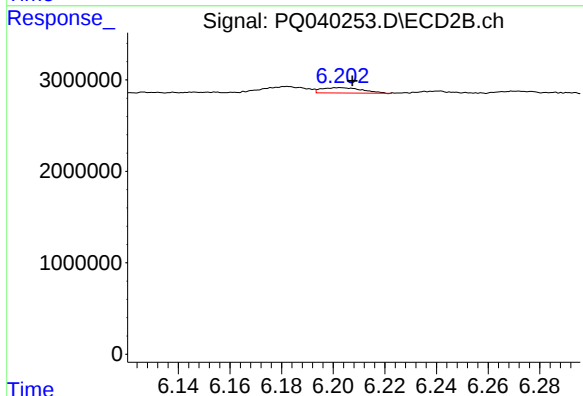
R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 774764
Conc: 10.48 ng/ml



#17 AR-1242-2

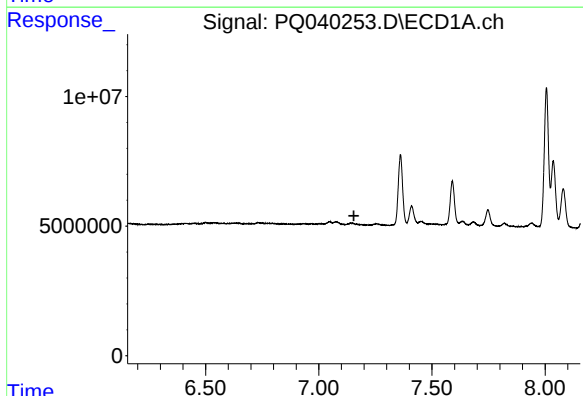
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



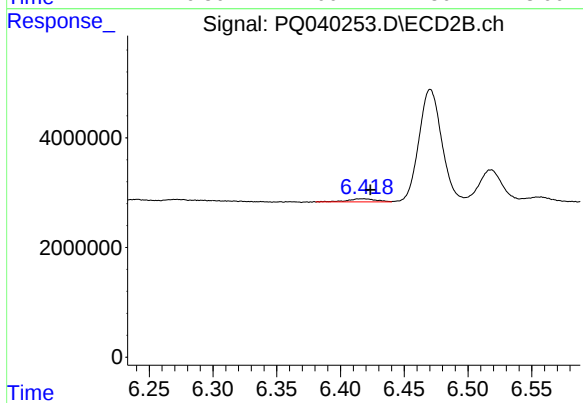
#17 AR-1242-2

R.T.: 6.202 min
Delta R.T.: -0.005 min
Response: 651438
Conc: 6.12 ng/ml



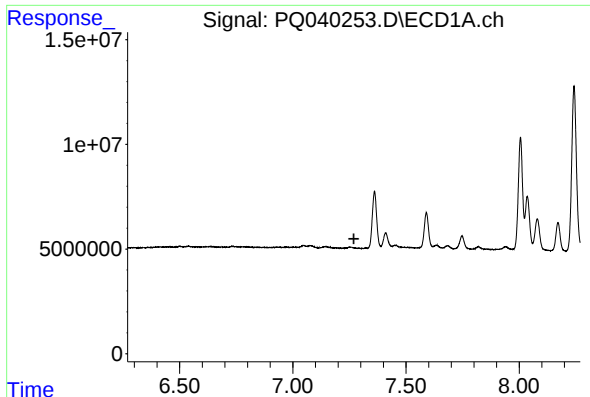
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.155 min
Response: 0
Conc: N.D.



#18 AR-1242-3

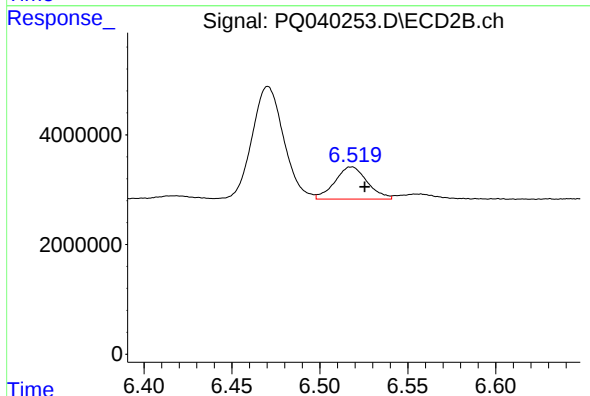
R.T.: 6.418 min
Delta R.T.: -0.006 min
Response: 904290
Conc: 14.99 ng/ml



#19 AR-1242-4

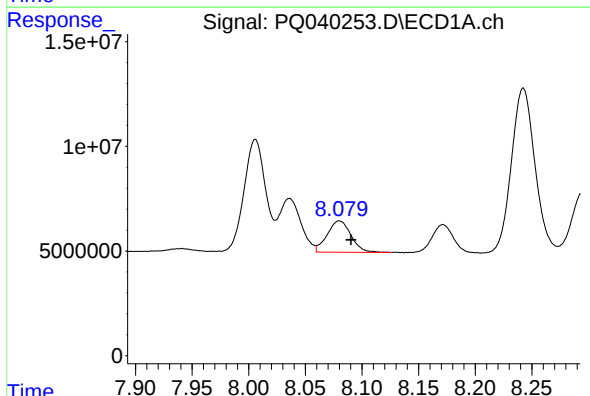
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



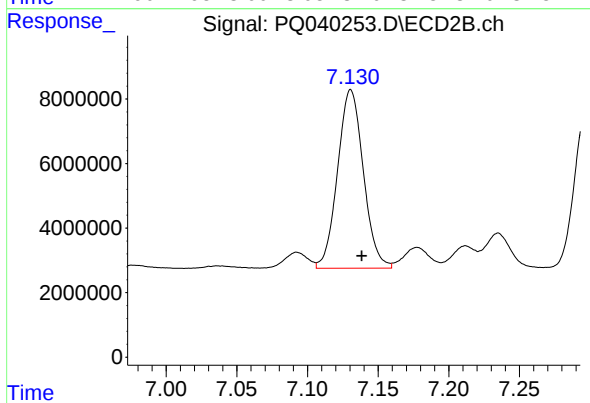
#19 AR-1242-4

R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 7537815
Conc: 126.47 ng/ml



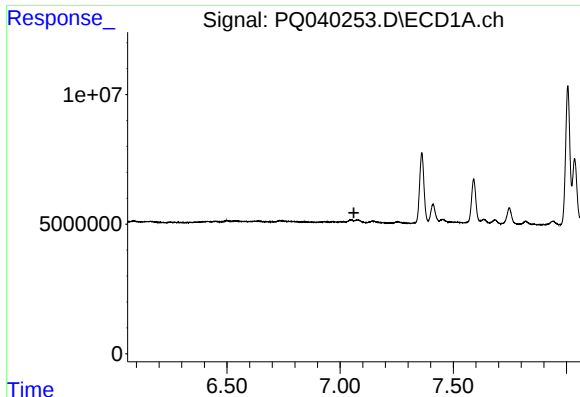
#20 AR-1242-5

R.T.: 8.080 min
Delta R.T.: -0.010 min
Response: 21966816
Conc: 253.38 ng/ml



#20 AR-1242-5

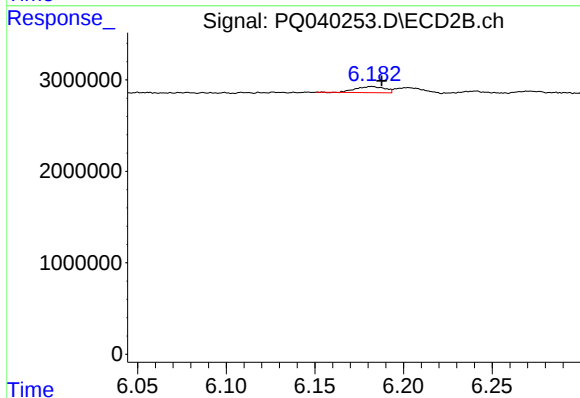
R.T.: 7.131 min
Delta R.T.: -0.008 min
Response: 70260826
Conc: 871.85 ng/ml



#21 AR-1248-1

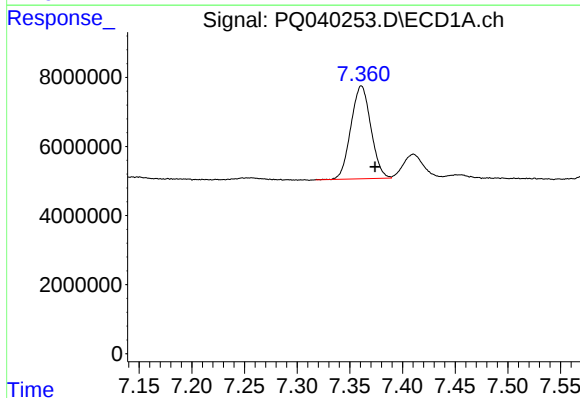
R.T.: 0.000 min
Exp R.T.: 7.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



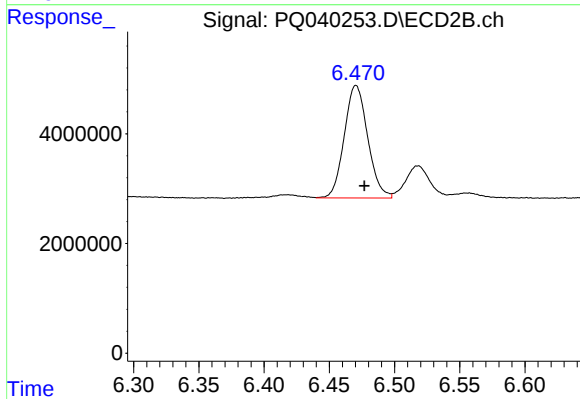
#21 AR-1248-1

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 774764
Conc: 13.45 ng/ml



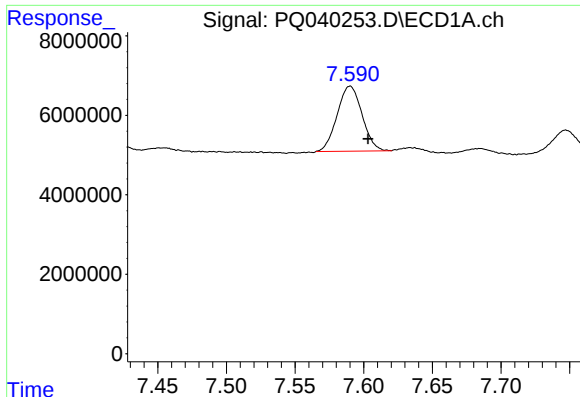
#22 AR-1248-2

R.T.: 7.361 min
Delta R.T.: -0.013 min
Response: 35404481
Conc: 314.34 ng/ml



#22 AR-1248-2

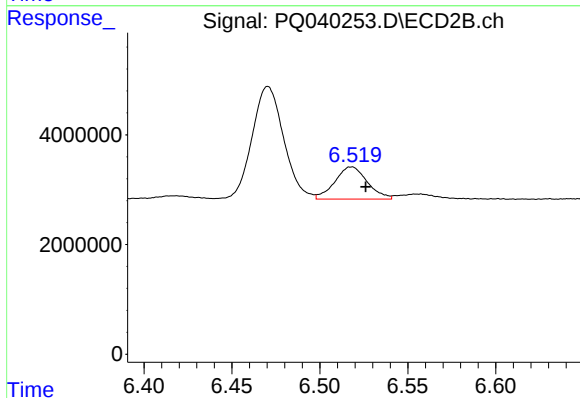
R.T.: 6.470 min
Delta R.T.: -0.007 min
Response: 25694943
Conc: 292.26 ng/ml



#23 AR-1248-3

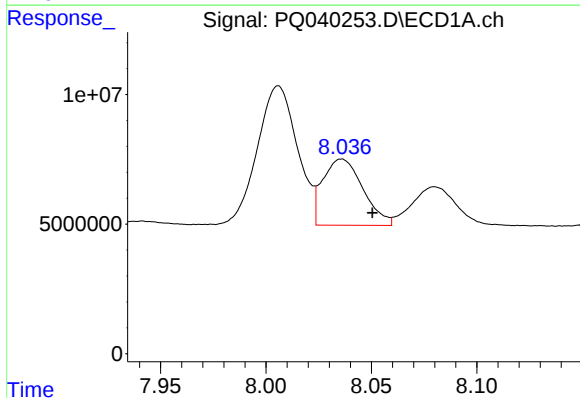
R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 20671956
Conc: 149.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



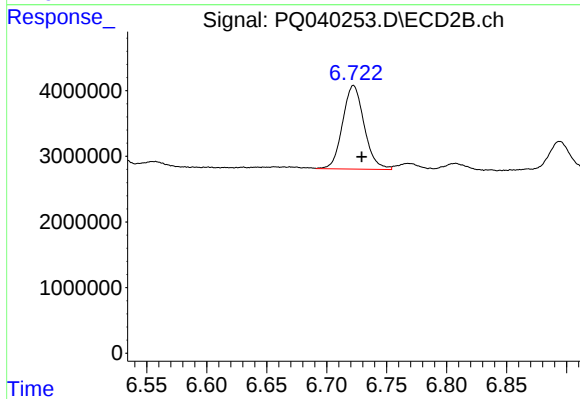
#23 AR-1248-3

R.T.: 6.518 min
Delta R.T.: -0.008 min
Response: 7537815
Conc: 83.31 ng/ml



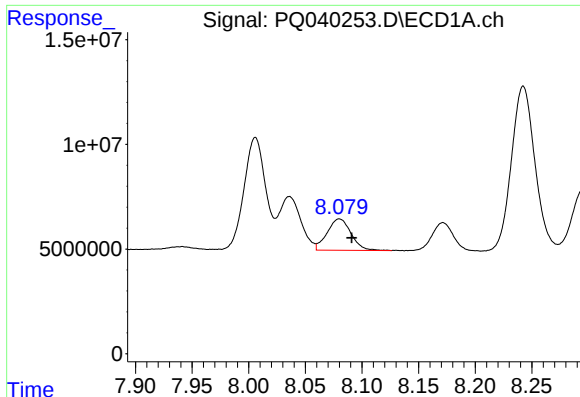
#24 AR-1248-4

R.T.: 8.036 min
Delta R.T.: -0.015 min
Response: 33803200
Conc: 223.91 ng/ml



#24 AR-1248-4

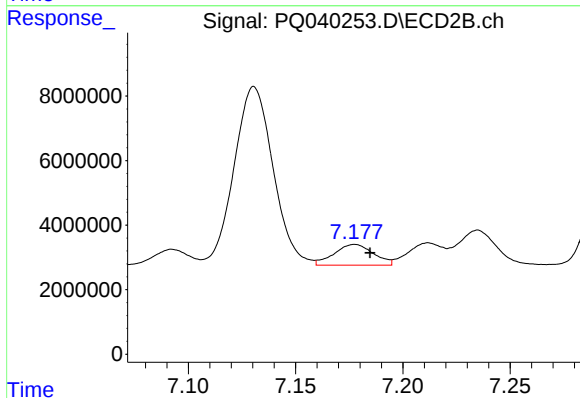
R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 15936726
Conc: 144.32 ng/ml



#25 AR-1248-5

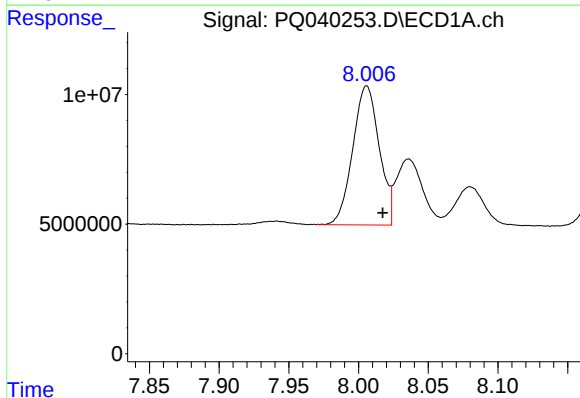
R.T.: 8.080 min
Delta R.T.: -0.011 min
Response: 21966816
Conc: 145.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



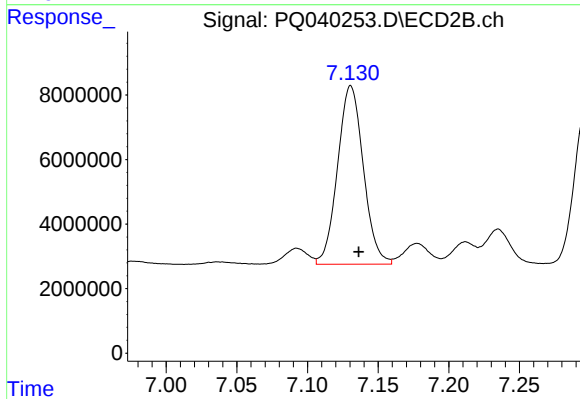
#25 AR-1248-5

R.T.: 7.178 min
Delta R.T.: -0.007 min
Response: 8228737
Conc: 72.48 ng/ml



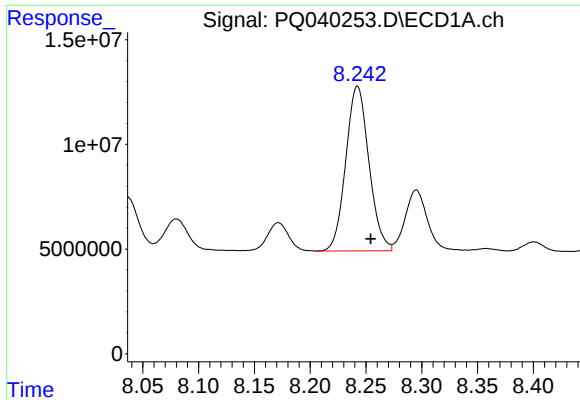
#26 AR-1254-1

R.T.: 8.006 min
Delta R.T.: -0.012 min
Response: 70953011
Conc: 406.85 ng/ml



#26 AR-1254-1

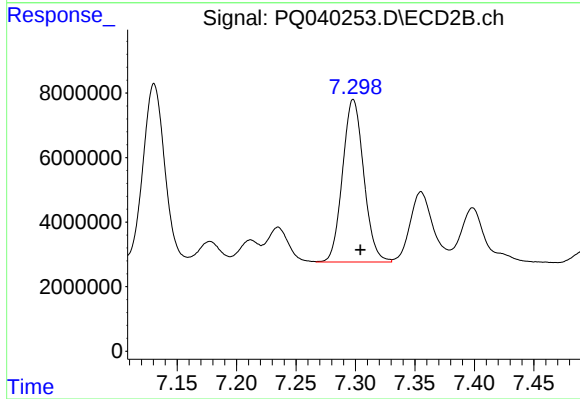
R.T.: 7.131 min
Delta R.T.: -0.006 min
Response: 70260826
Conc: 366.83 ng/ml



#27 AR-1254-2

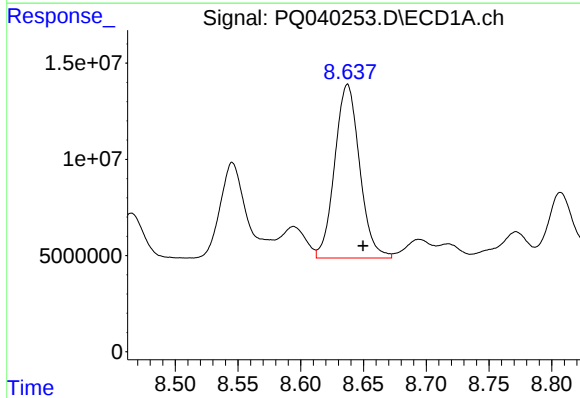
R.T.: 8.242 min
Delta R.T.: -0.012 min
Response: 113726218
Conc: 411.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



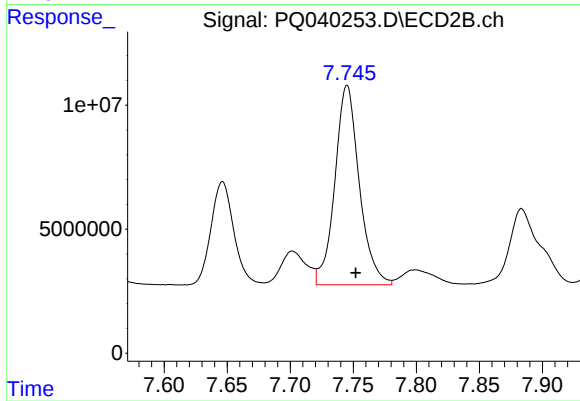
#27 AR-1254-2

R.T.: 7.298 min
Delta R.T.: -0.006 min
Response: 62643000
Conc: 360.58 ng/ml



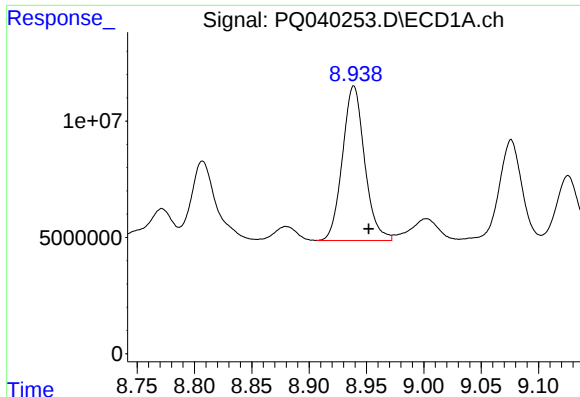
#28 AR-1254-3

R.T.: 8.637 min
Delta R.T.: -0.012 min
Response: 124740472
Conc: 420.31 ng/ml



#28 AR-1254-3

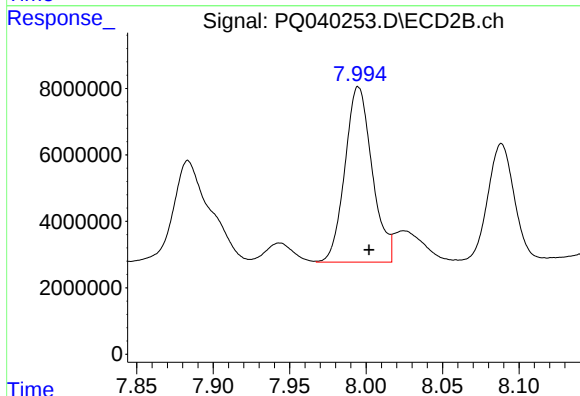
R.T.: 7.745 min
Delta R.T.: -0.007 min
Response: 108453644
Conc: 375.30 ng/ml



#29 AR-1254-4

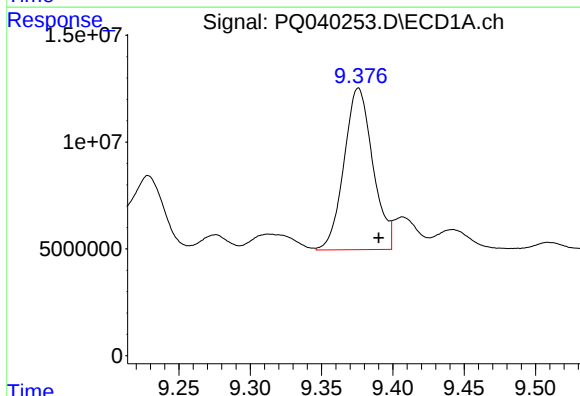
R.T.: 8.939 min
Delta R.T.: -0.013 min
Response: 89248060
Conc: 429.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



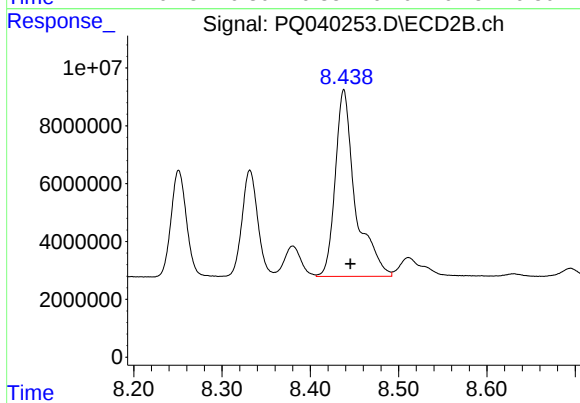
#29 AR-1254-4

R.T.: 7.995 min
Delta R.T.: -0.007 min
Response: 65310951
Conc: 365.79 ng/ml



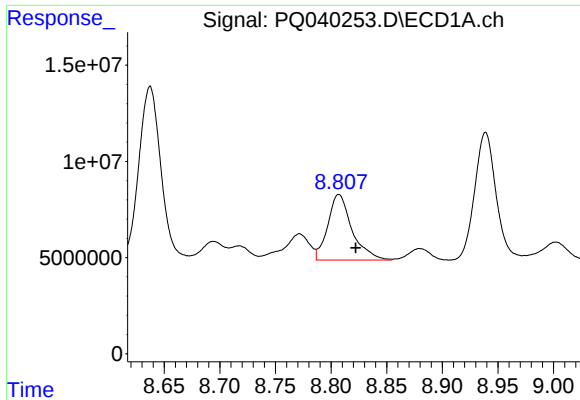
#30 AR-1254-5

R.T.: 9.376 min
Delta R.T.: -0.014 min
Response: 106312599
Conc: 369.15 ng/ml



#30 AR-1254-5

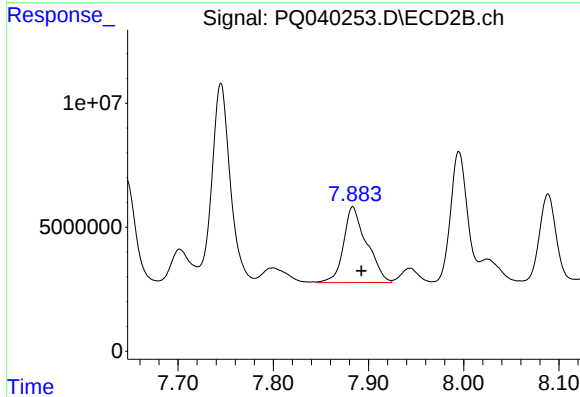
R.T.: 8.438 min
Delta R.T.: -0.007 min
Response: 102272660
Conc: 396.97 ng/ml



#31 AR-1260-1

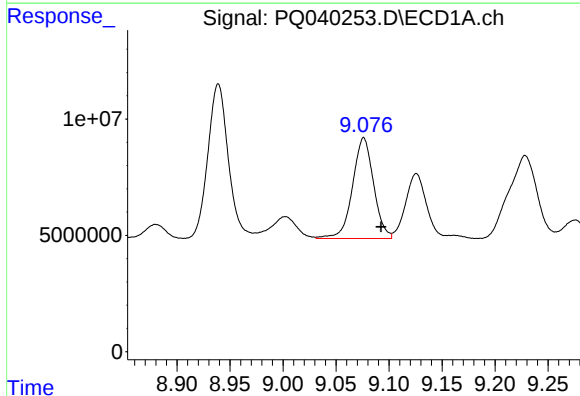
R.T.: 8.807 min
Delta R.T.: -0.015 min
Response: 51838242
Conc: 155.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



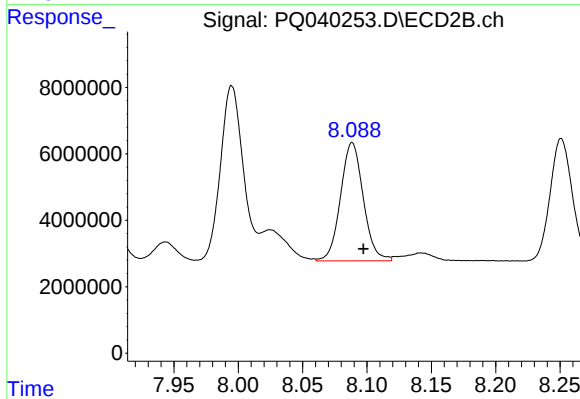
#31 AR-1260-1

R.T.: 7.884 min
Delta R.T.: -0.009 min
Response: 51620410
Conc: 188.30 ng/ml



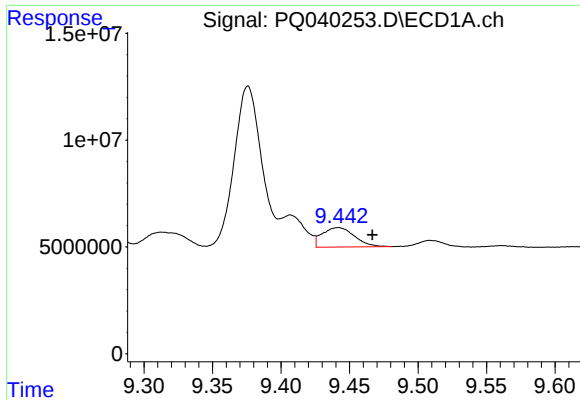
#32 AR-1260-2

R.T.: 9.076 min
Delta R.T.: -0.016 min
Response: 59916498
Conc: 148.32 ng/ml



#32 AR-1260-2

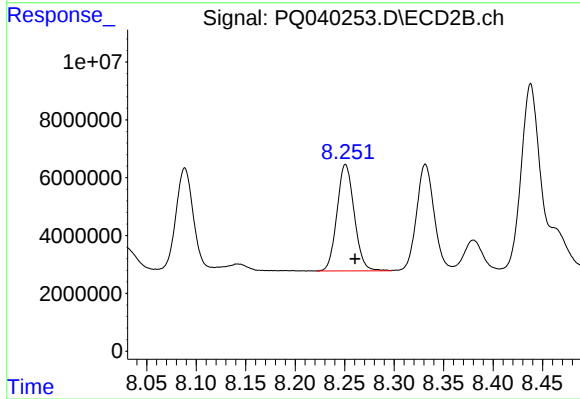
R.T.: 8.089 min
Delta R.T.: -0.009 min
Response: 43905710
Conc: 126.93 ng/ml



#33 AR-1260-3

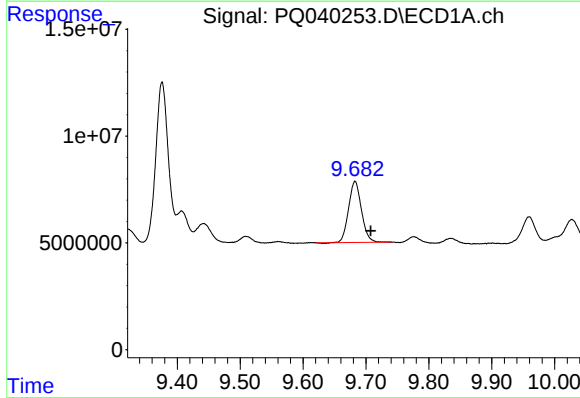
R.T.: 9.442 min
Delta R.T.: -0.025 min
Response: 14849921
Conc: 45.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



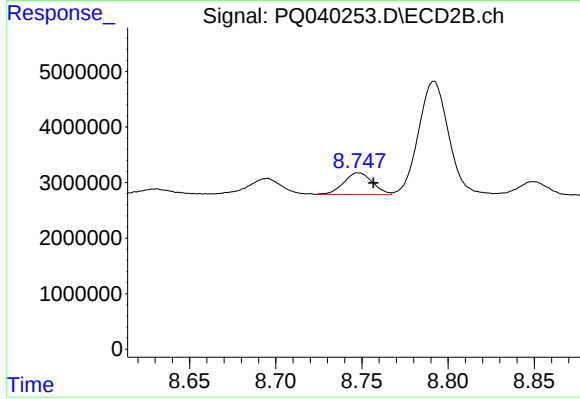
#33 AR-1260-3

R.T.: 8.251 min
Delta R.T.: -0.010 min
Response: 44686112
Conc: 139.34 ng/ml



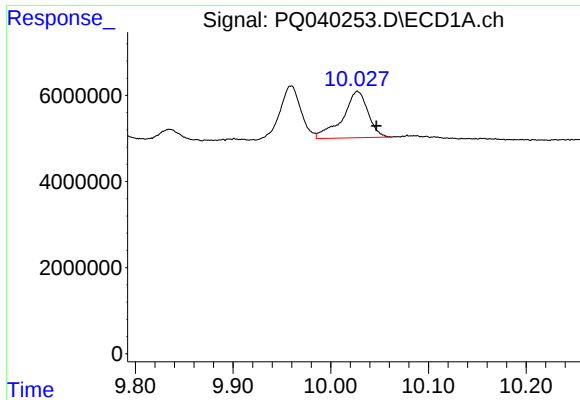
#34 AR-1260-4

R.T.: 9.683 min
Delta R.T.: -0.025 min
Response: 40671660
Conc: 110.36 ng/ml



#34 AR-1260-4

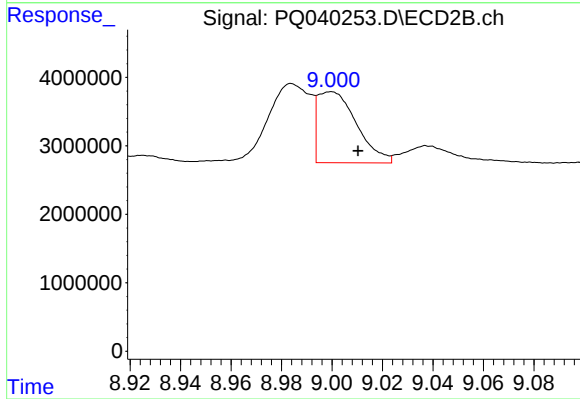
R.T.: 8.748 min
Delta R.T.: -0.009 min
Response: 4533238
Conc: 16.68 ng/ml



#35 AR-1260-5

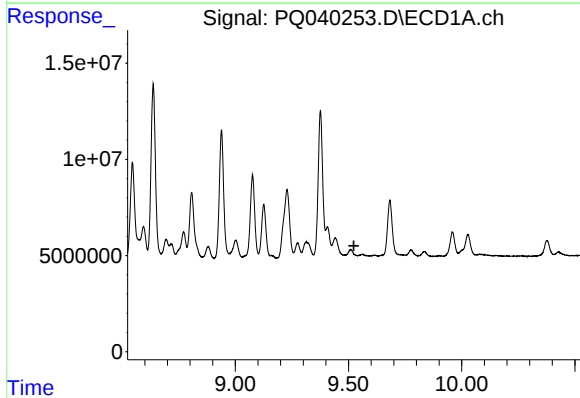
R.T.: 10.027 min
Delta R.T.: -0.019 min
Response: 19476474
Conc: 25.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



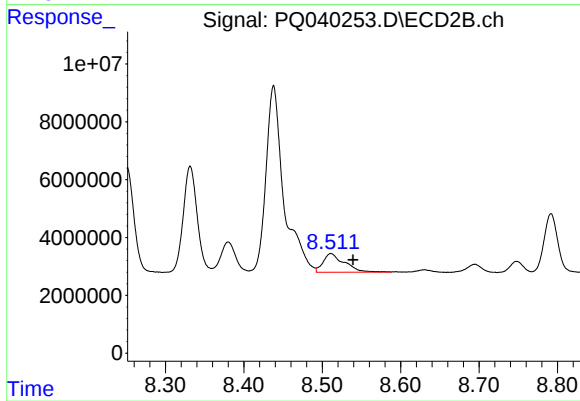
#35 AR-1260-5

R.T.: 9.000 min
Delta R.T.: -0.011 min
Response: 11189426
Conc: 16.65 ng/ml



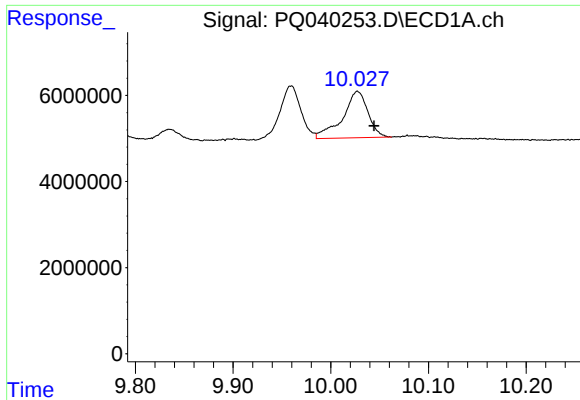
#36 AR-1262-1

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



#36 AR-1262-1

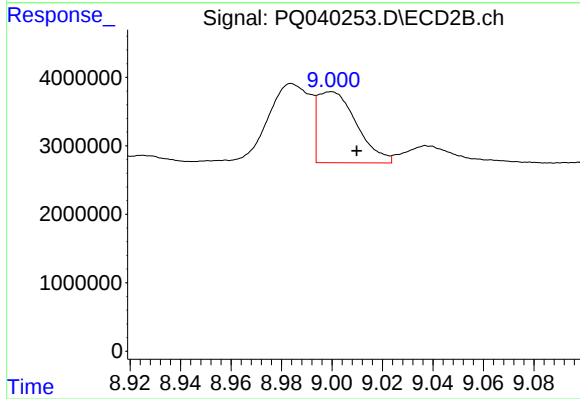
R.T.: 8.511 min
Delta R.T.: -0.028 min
Response: 12137935
Conc: 106.90 ng/ml



#37 AR-1262-2

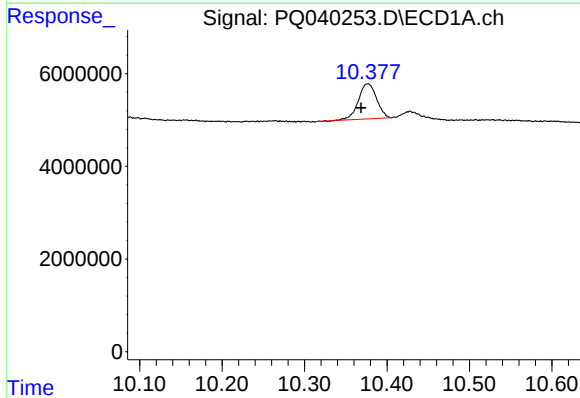
R.T.: 10.027 min
Delta R.T.: -0.017 min
Response: 19476474
Conc: 33.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



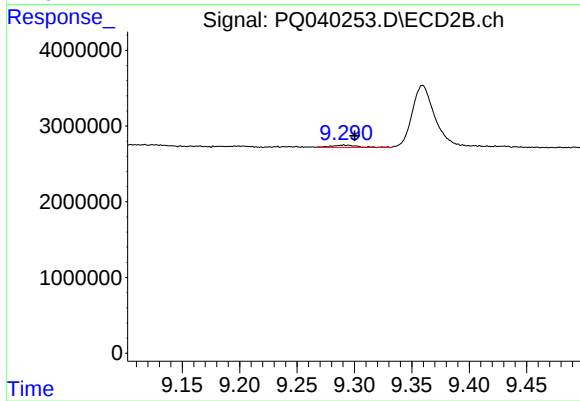
#37 AR-1262-2

R.T.: 9.000 min
Delta R.T.: -0.010 min
Response: 11189426
Conc: 22.55 ng/ml



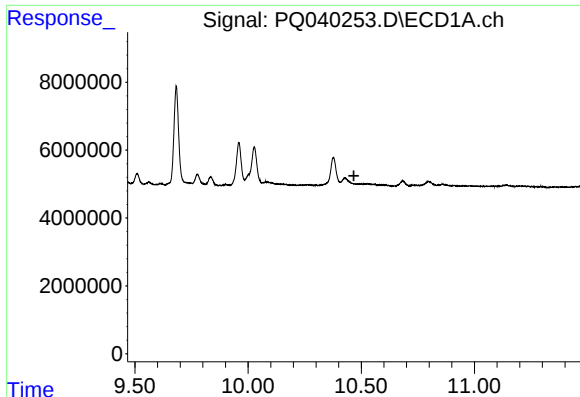
#38 AR-1262-3

R.T.: 10.377 min
Delta R.T.: 0.008 min
Response: 11643701
Conc: 27.54 ng/ml



#38 AR-1262-3

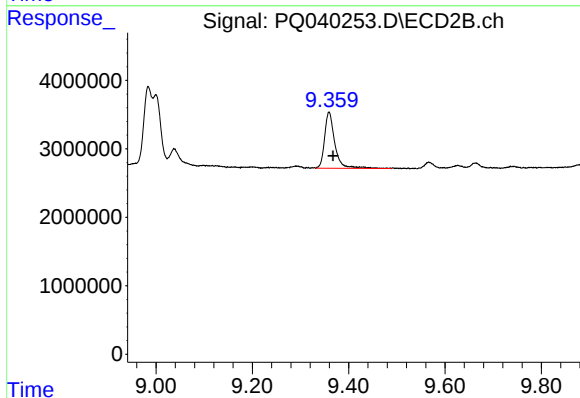
R.T.: 9.291 min
Delta R.T.: -0.010 min
Response: 434192
Conc: 2.07 ng/ml



#39 AR-1262-4

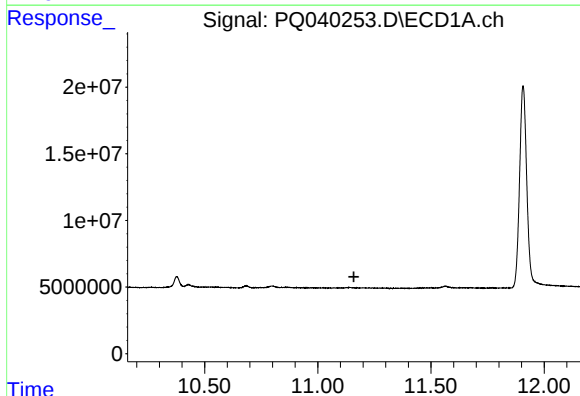
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



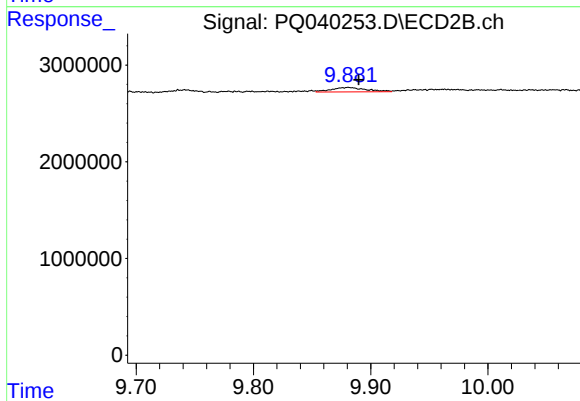
#39 AR-1262-4

R.T.: 9.359 min
Delta R.T.: -0.009 min
Response: 11890357
Conc: 31.40 ng/ml



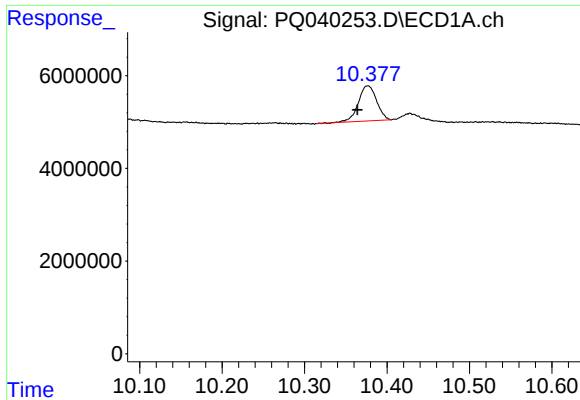
#40 AR-1262-5

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



#40 AR-1262-5

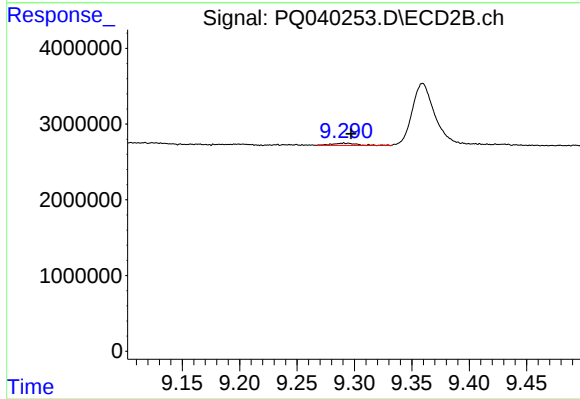
R.T.: 9.881 min
Delta R.T.: -0.009 min
Response: 956136
Conc: 5.90 ng/ml



#41 AR-1268-1

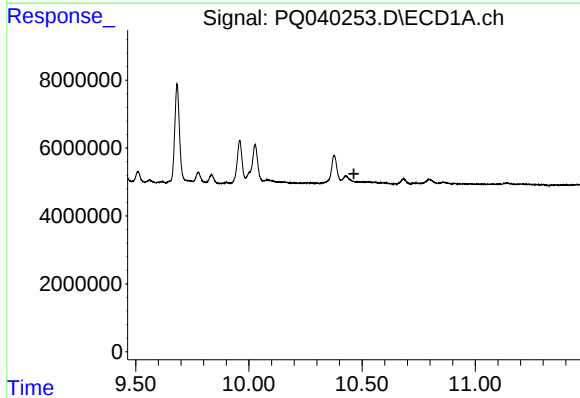
R.T.: 10.377 min
Delta R.T.: 0.013 min
Response: 11643701
Conc: 19.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



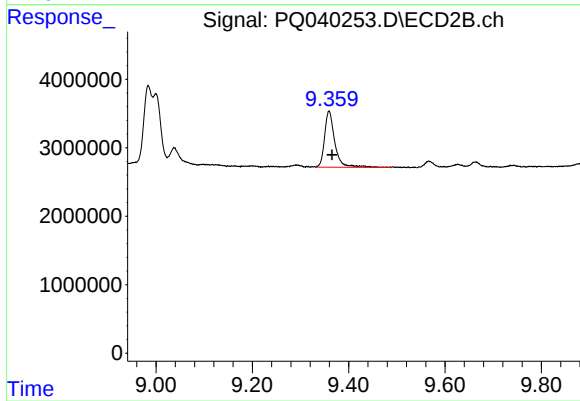
#41 AR-1268-1

R.T.: 9.291 min
Delta R.T.: -0.006 min
Response: 434192
Conc: 0.95 ng/ml



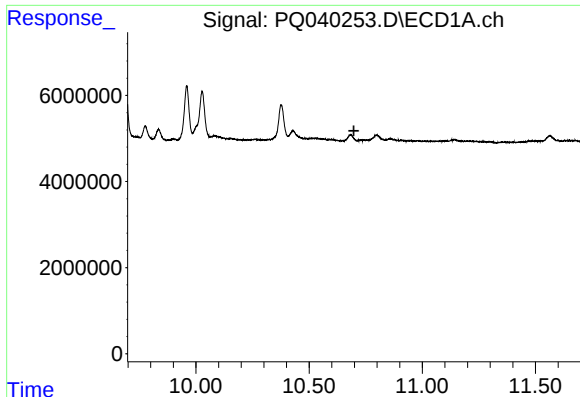
#42 AR-1268-2

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



#42 AR-1268-2

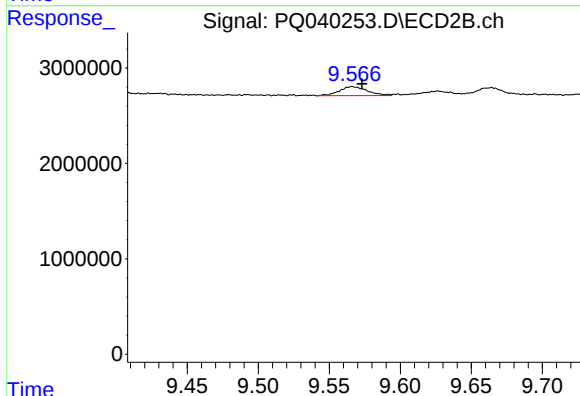
R.T.: 9.359 min
Delta R.T.: -0.006 min
Response: 11890357
Conc: 27.20 ng/ml



#43 AR-1268-3

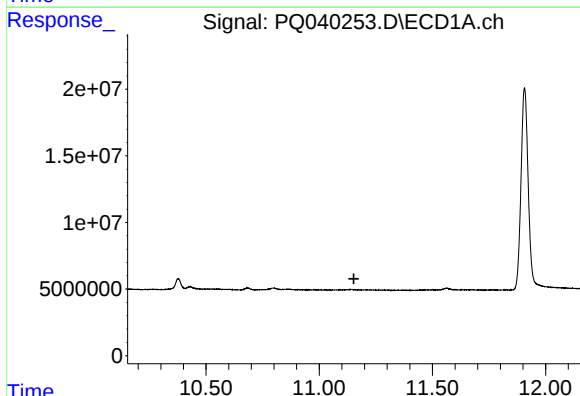
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



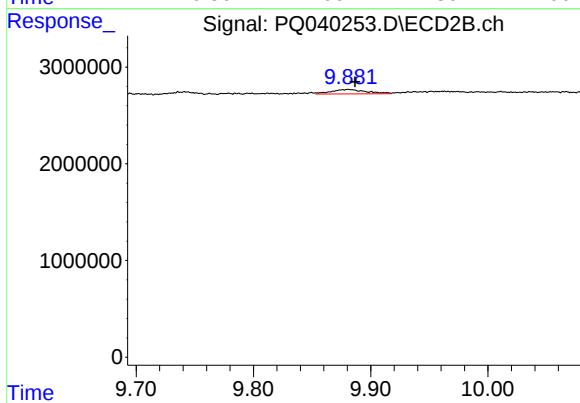
#43 AR-1268-3

R.T.: 9.566 min
Delta R.T.: -0.007 min
Response: 1268026
Conc: 3.38 ng/ml



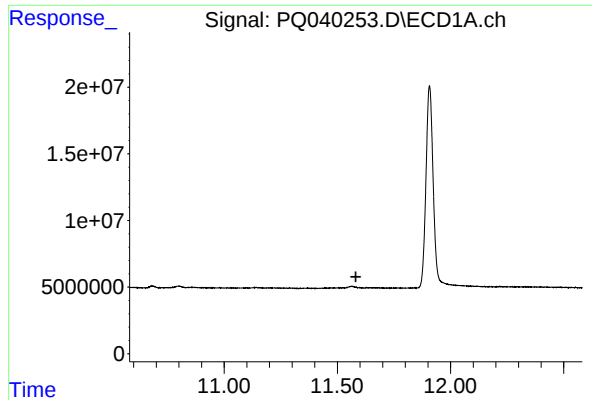
#44 AR-1268-4

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



#44 AR-1268-4

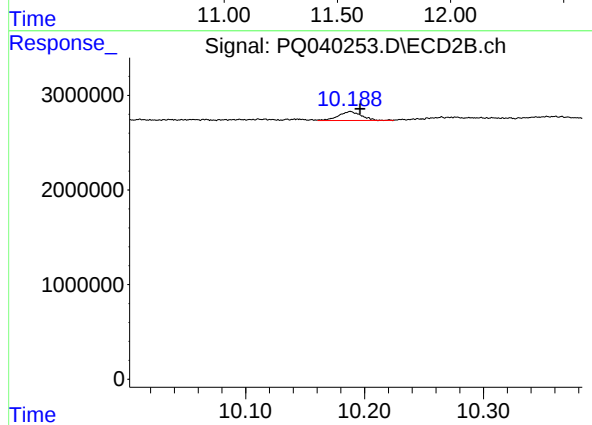
R.T.: 9.881 min
Delta R.T.: -0.006 min
Response: 956136
Conc: 6.94 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.188 min
Delta R.T.: -0.008 min
Response: 1285006
Conc: 1.09 ng/ml