

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032219\
 Data File : PQ038076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2019 11:03
 Operator : SM\SJ
 Sample : K1943-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 20190128-LOC-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 00:46:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.181	3.636	96684723	53299331	16.616	17.257
2)	SA Decachlor...	9.591	8.505	49189209	24468610	10.203	10.929
Target Compounds							
3)	L1 AR-1016-1	5.320	4.690	8299902	5944858	41.241	52.837 #
4)	L1 AR-1016-2	5.341	4.707	15716191	6850229	50.079	40.440
5)	L1 AR-1016-3	5.406	4.919	2657503	9011675	14.591	104.552 #
6)	L1 AR-1016-4	5.493	4.919	951993	9011675	6.364	130.268 #
7)	L1 AR-1016-5	5.781	5.128	8398623	5572390	57.845	63.927
8)	L2 AR-1221-1	4.438	0.000	1776341	0	27.996	N.D. #
9)	L2 AR-1221-2	4.478	3.927	5227795	2589531	113.010	100.914
10)	L2 AR-1221-3	4.552	3.999	3447176	1561708	22.554	18.257
11)	L3 AR-1232-1	4.552	3.999	3447176	1561708	27.698	23.297
12)	L3 AR-1232-2	5.059	4.707	8204841	6850229	139.336	96.887 #
13)	L3 AR-1232-3	5.341	4.919	15716191	9011675	127.254	269.556 #
14)	L3 AR-1232-4	5.493	4.956	951993	8701107	16.345	302.351 #
15)	L3 AR-1232-5	5.578	5.128	16804931	5572390	393.102	175.792 #
16)	L4 AR-1242-1	5.320	4.690	8299902	5944858	50.509	64.786 #
17)	L4 AR-1242-2	5.341	4.707	15716191	6850229	61.592	49.025
18)	L4 AR-1242-3	5.406	4.919	2657503	9011675	18.019	130.401 #
19)	L4 AR-1242-4	5.493	4.956	951993	8701107	7.777	136.314 #
20)	L4 AR-1242-5	6.213	5.470	2558028	2359029	18.722	27.291 #
21)	L5 AR-1248-1	5.320	4.690	8299902	5944858	52.406	64.454
22)	L5 AR-1248-2	5.578	4.919	16804931	9011675	76.777	75.243
23)	L5 AR-1248-3	5.781	4.956	8398623	8701107	34.185	71.696 #
24)	L5 AR-1248-4	6.175	5.128	2143108	5572390	7.662	37.475 #
25)	L5 AR-1248-5	6.213	5.470	2558028	2359029	9.650	16.218 #
26)	L6 AR-1254-1	6.146	5.470	3994725	2359029	20.334	15.315
27)	L6 AR-1254-2	6.361	5.613	6114665	1433721	19.950	11.050 #
28)	L6 AR-1254-3	6.724	0.000	3329659	0	10.692	N.D. #
29)	L6 AR-1254-4	7.005	6.237	4016720	911943	15.823	5.686 #
30)	L6 AR-1254-5	7.416	0.000	4270920	0	14.474	N.D. #
31)	L7 AR-1260-1	6.852	0.000	3351671	0	12.942	N.D. #
32)	L7 AR-1260-2	7.127	0.000	756908	0	2.196	N.D. #
33)	L7 AR-1260-3	7.556	0.000	757327	0	2.670	N.D. #
34)	L7 AR-1260-4	7.707	0.000	781906	0	2.904	N.D. #
35)	L7 AR-1260-5	8.013	0.000	565412	0	0.897	N.D. #
36)	L8 AR-1262-1	7.556	0.000	757327	0	4.904	N.D. #
37)	L8 AR-1262-2	8.013	0.000	565412	0	0.806	N.D. #
38)	L8 AR-1262-3	8.289	0.000	1045348	0	3.488	N.D. #
41)	L9 AR-1268-1	8.289	0.000	1045348	0	1.270	N.D. #
43)	L9 AR-1268-3	8.573	0.000	886392	0	1.352	N.D. #
45)	L9 AR-1268-5	9.319	0.000	1457511	0	0.747	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032219\
Data File : PQ038076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2019 11:03
Operator : SM\SJ
Sample : K1943-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 00:46:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 20 09:51:59 2019
Response via : Initial Calibration
Integrator: ChemStation

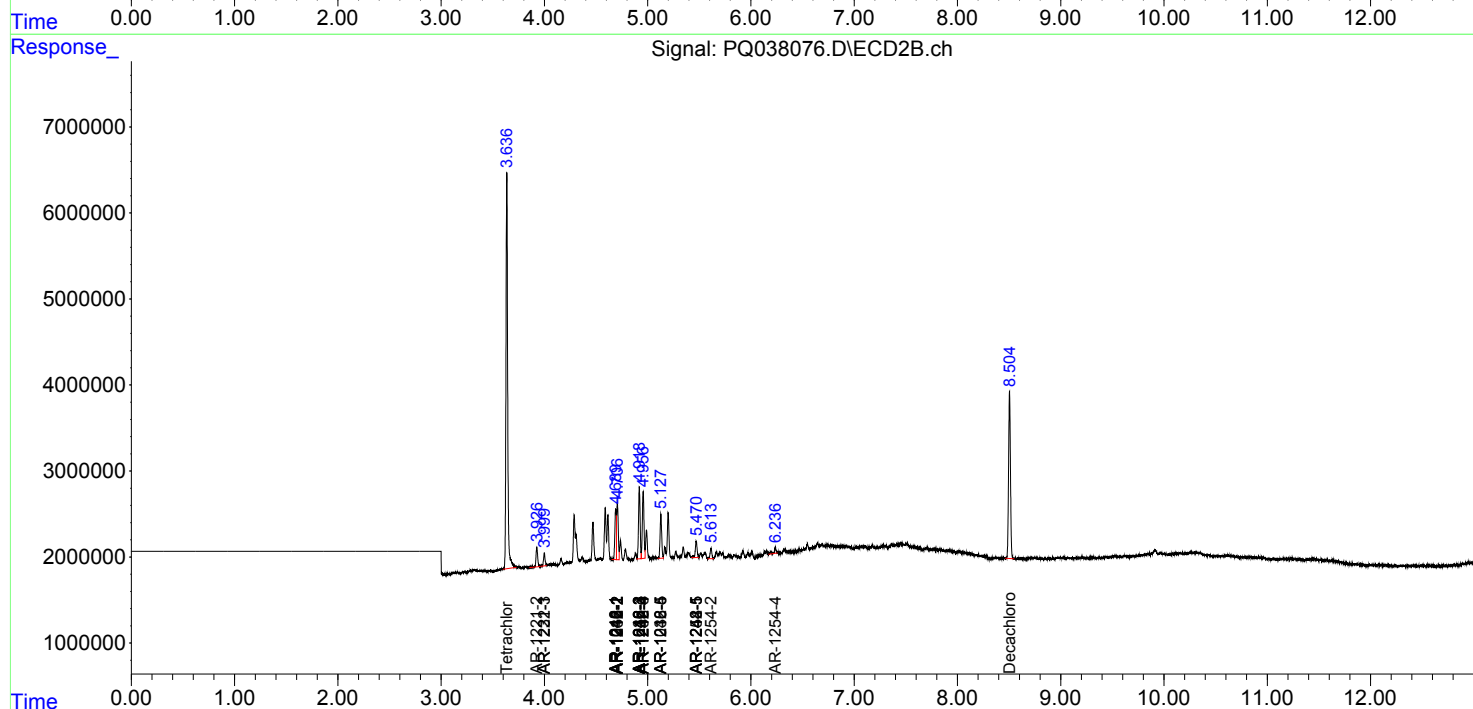
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

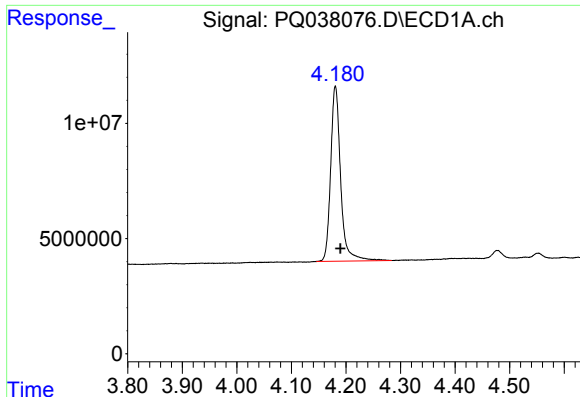
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

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

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5

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

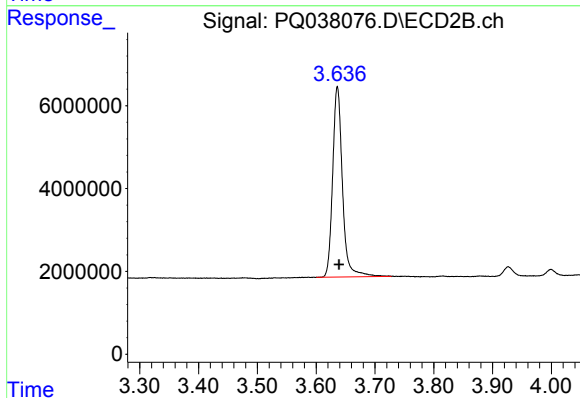




#1 Tetrachloro-m-xylene

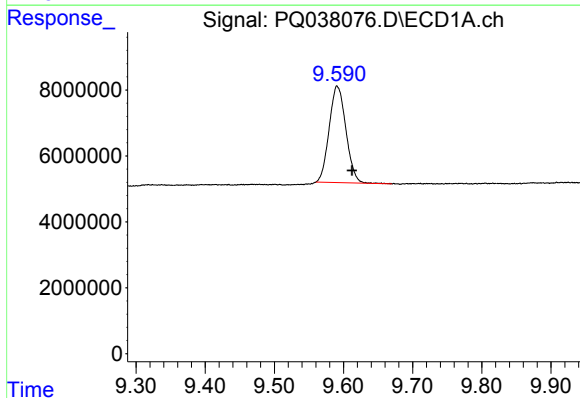
R.T.: 4.181 min
Delta R.T.: -0.009 min
Response: 96684723
Conc: 16.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



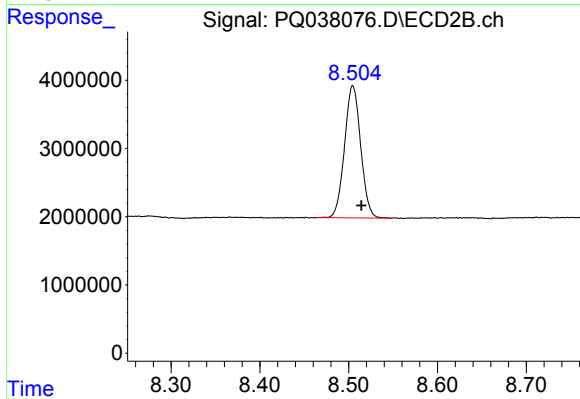
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 53299331
Conc: 17.26 ng/ml



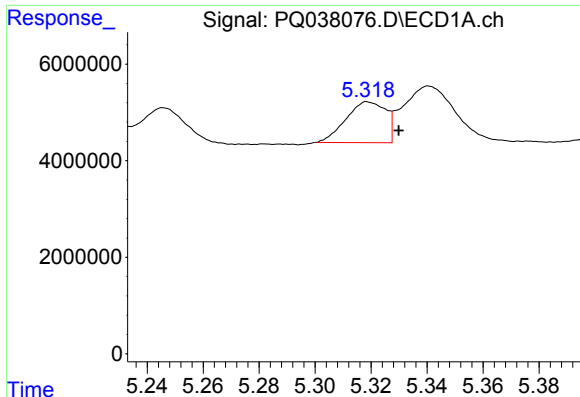
#2 Decachlorobiphenyl

R.T.: 9.591 min
Delta R.T.: -0.021 min
Response: 49189209
Conc: 10.20 ng/ml



#2 Decachlorobiphenyl

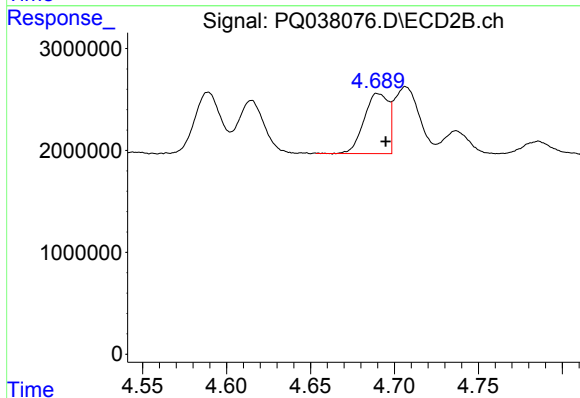
R.T.: 8.505 min
Delta R.T.: -0.009 min
Response: 24468610
Conc: 10.93 ng/ml



#3 AR-1016-1

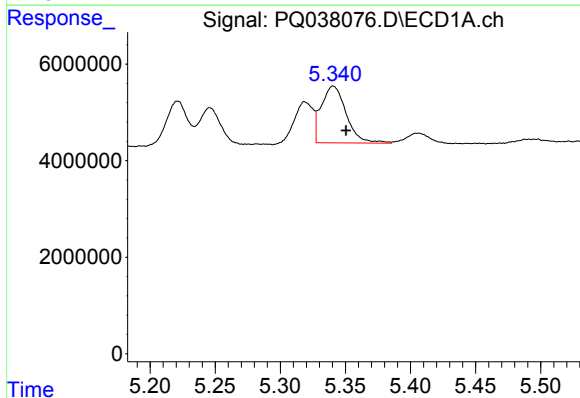
R.T.: 5.320 min
Delta R.T.: -0.010 min
Response: 8299902
Conc: 41.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



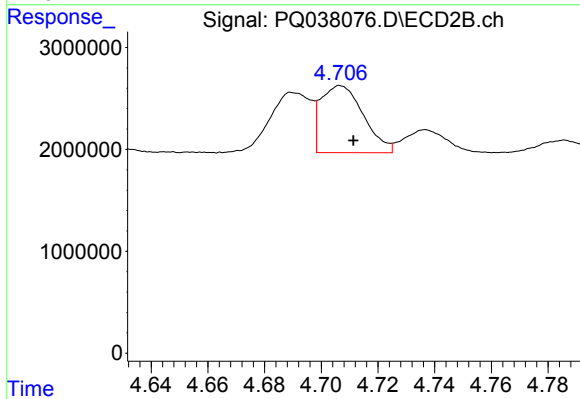
#3 AR-1016-1

R.T.: 4.690 min
Delta R.T.: -0.005 min
Response: 5944858
Conc: 52.84 ng/ml



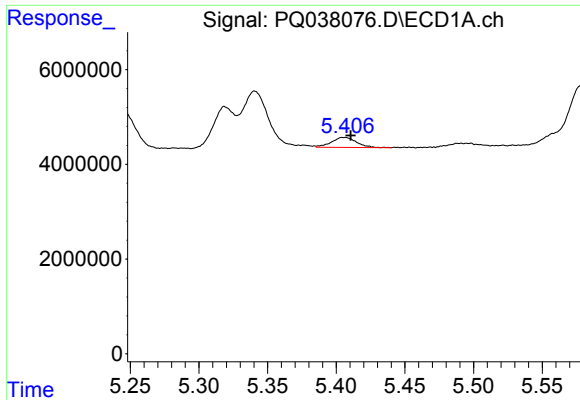
#4 AR-1016-2

R.T.: 5.341 min
Delta R.T.: -0.010 min
Response: 15716191
Conc: 50.08 ng/ml



#4 AR-1016-2

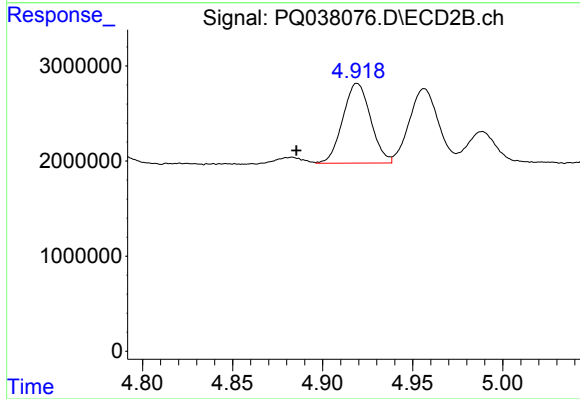
R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 6850229
Conc: 40.44 ng/ml



#5 AR-1016-3

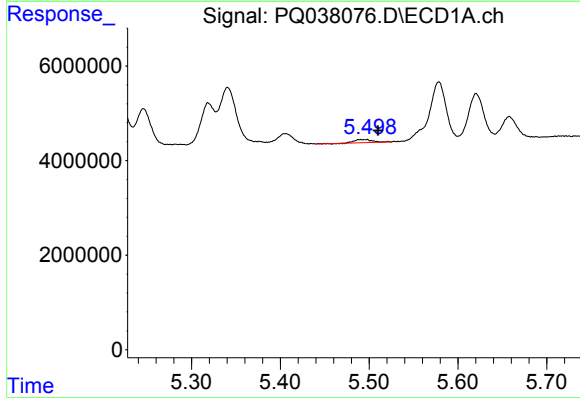
R.T.: 5.406 min
Delta R.T.: -0.005 min
Response: 2657503
Conc: 14.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



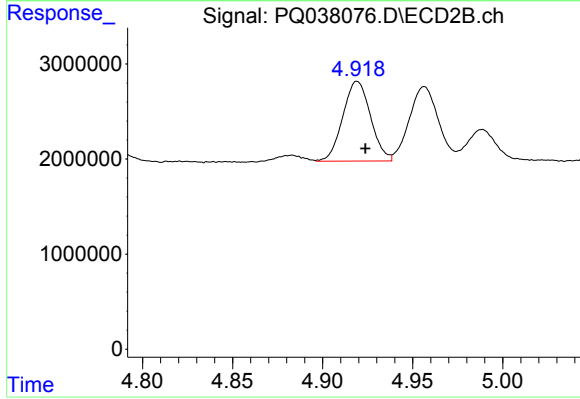
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.034 min
Response: 9011675
Conc: 104.55 ng/ml



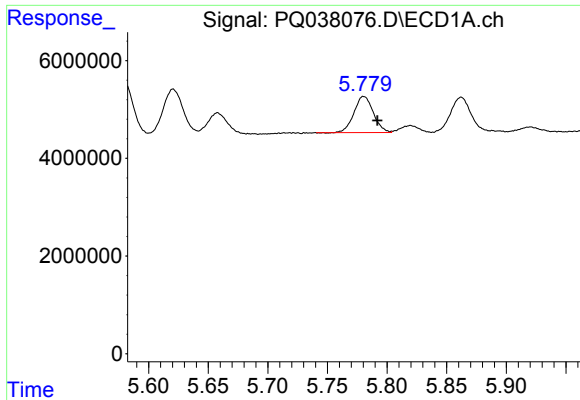
#6 AR-1016-4

R.T.: 5.493 min
Delta R.T.: -0.017 min
Response: 951993
Conc: 6.36 ng/ml



#6 AR-1016-4

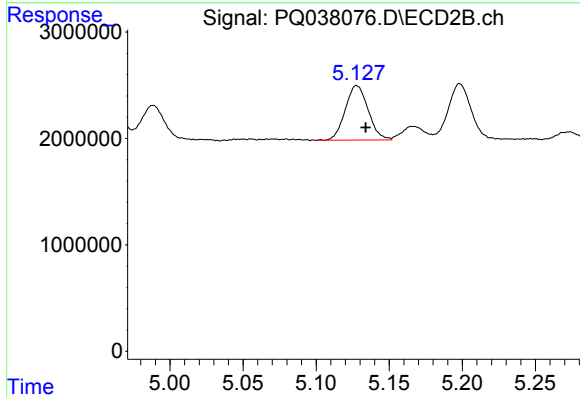
R.T.: 4.919 min
Delta R.T.: -0.004 min
Response: 9011675
Conc: 130.27 ng/ml



#7 AR-1016-5

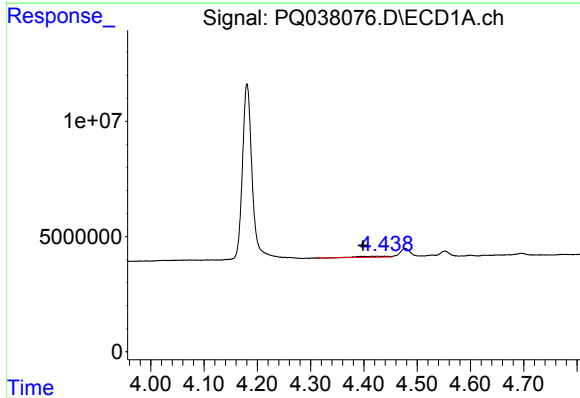
R.T.: 5.781 min
Delta R.T.: -0.011 min
Response: 8398623
Conc: 57.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



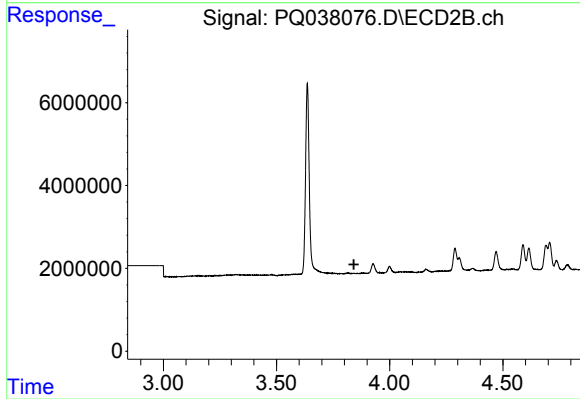
#7 AR-1016-5

R.T.: 5.128 min
Delta R.T.: -0.006 min
Response: 5572390
Conc: 63.93 ng/ml



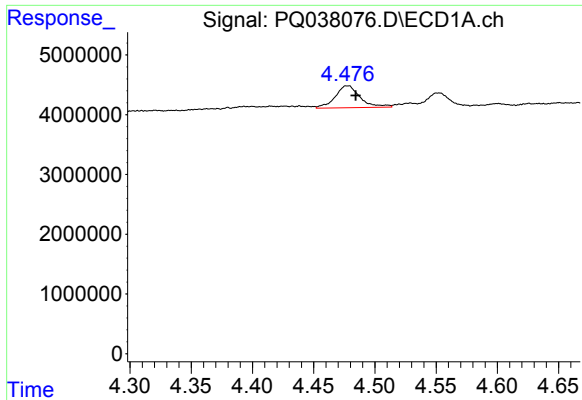
#8 AR-1221-1

R.T.: 4.438 min
Delta R.T.: 0.040 min
Response: 1776341
Conc: 28.00 ng/ml



#8 AR-1221-1

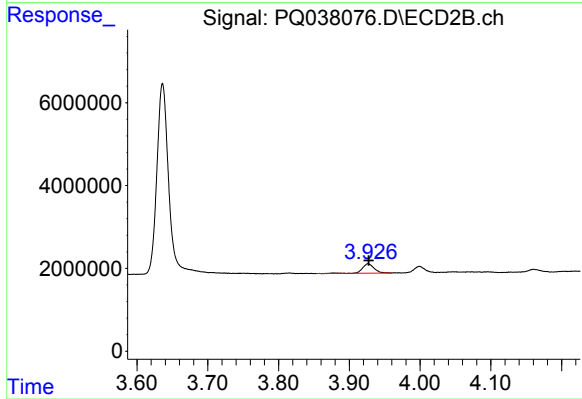
R.T.: 0.000 min
Exp R.T. : 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

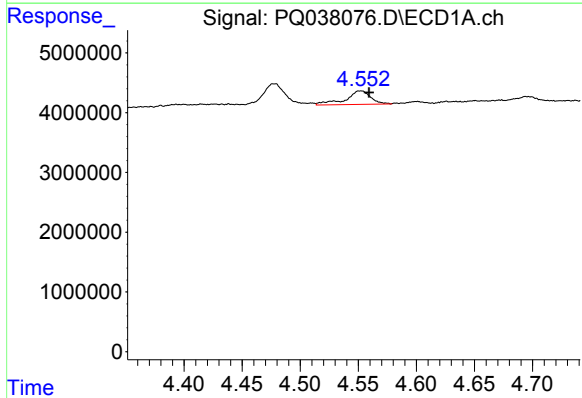
R.T.: 4.478 min
Delta R.T.: -0.007 min
Response: 5227795
Conc: 113.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



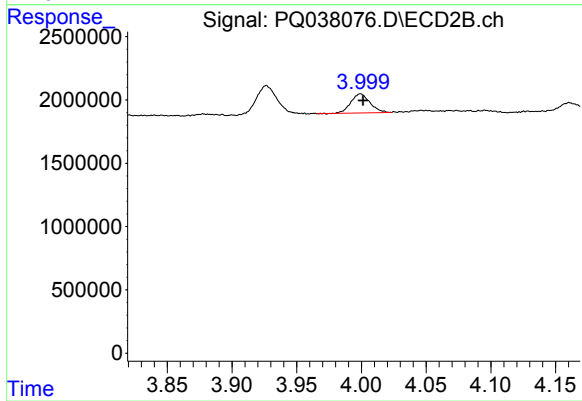
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 2589531
Conc: 100.91 ng/ml



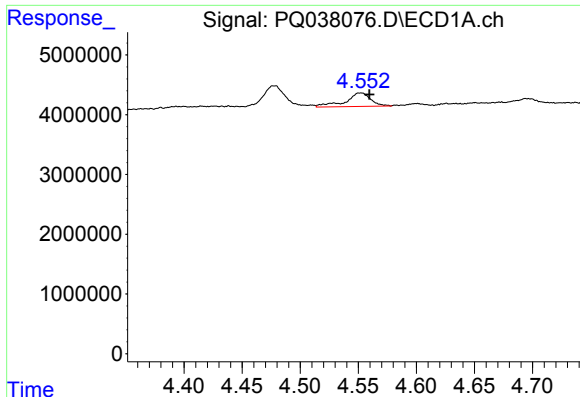
#10 AR-1221-3

R.T.: 4.552 min
Delta R.T.: -0.007 min
Response: 3447176
Conc: 22.55 ng/ml



#10 AR-1221-3

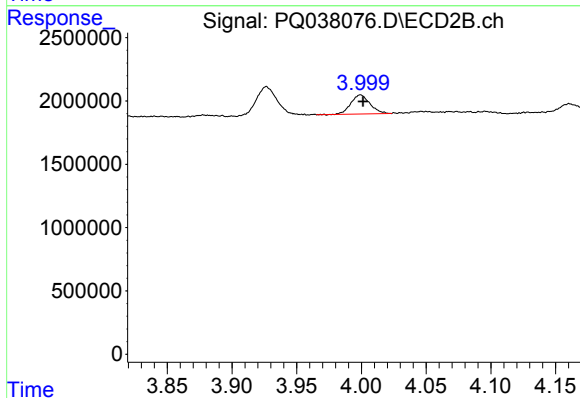
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 1561708
Conc: 18.26 ng/ml



#11 AR-1232-1

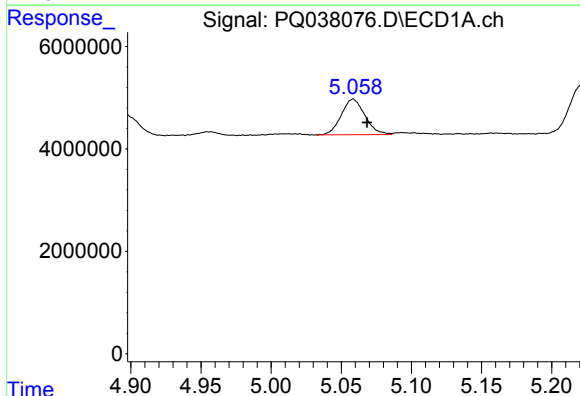
R.T.: 4.552 min
Delta R.T.: -0.008 min
Response: 3447176
Conc: 27.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



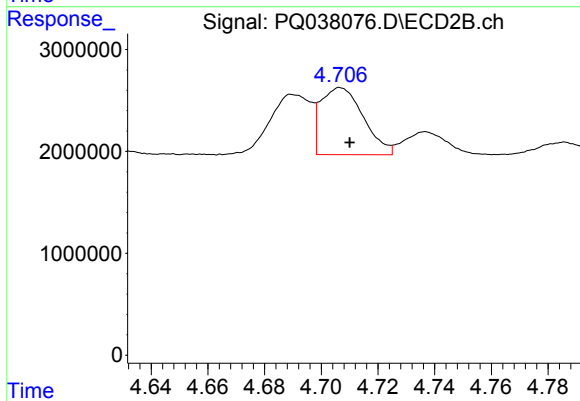
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 1561708
Conc: 23.30 ng/ml



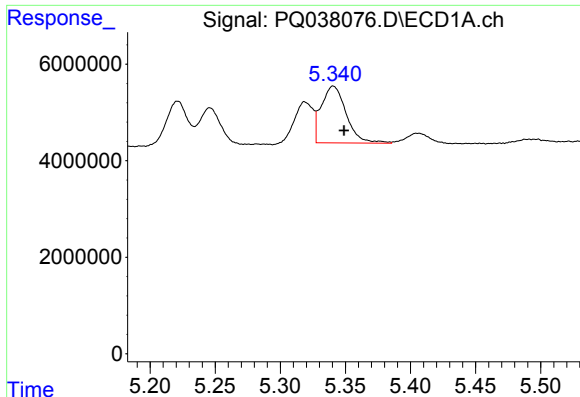
#12 AR-1232-2

R.T.: 5.059 min
Delta R.T.: -0.010 min
Response: 8204841
Conc: 139.34 ng/ml



#12 AR-1232-2

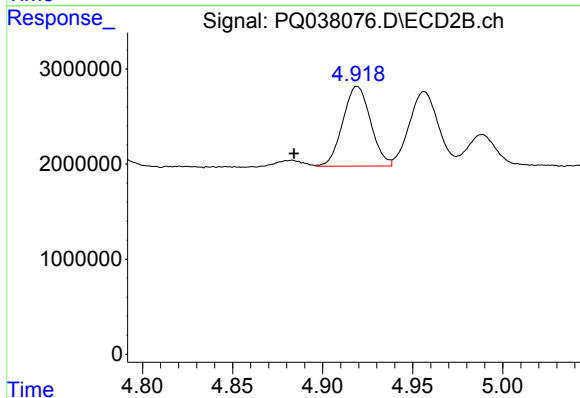
R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 6850229
Conc: 96.89 ng/ml



#13 AR-1232-3

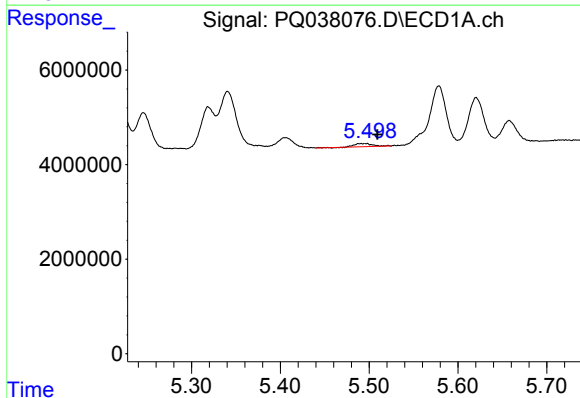
R.T.: 5.341 min
Delta R.T.: -0.008 min
Response: 15716191
Conc: 127.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



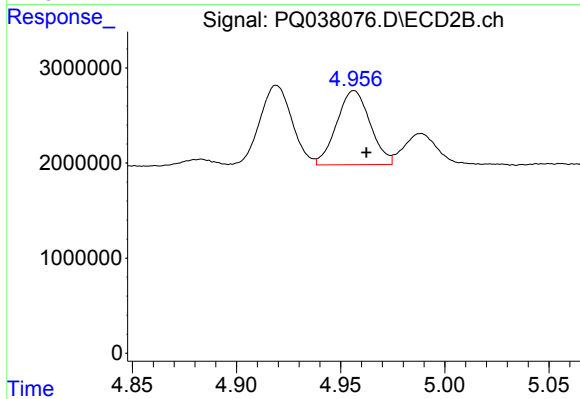
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.035 min
Response: 9011675
Conc: 269.56 ng/ml



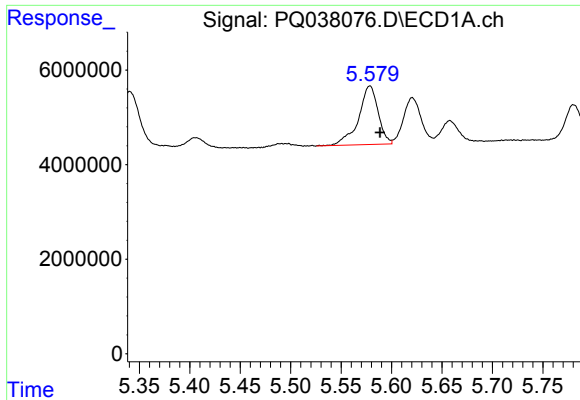
#14 AR-1232-4

R.T.: 5.493 min
Delta R.T.: -0.016 min
Response: 951993
Conc: 16.35 ng/ml



#14 AR-1232-4

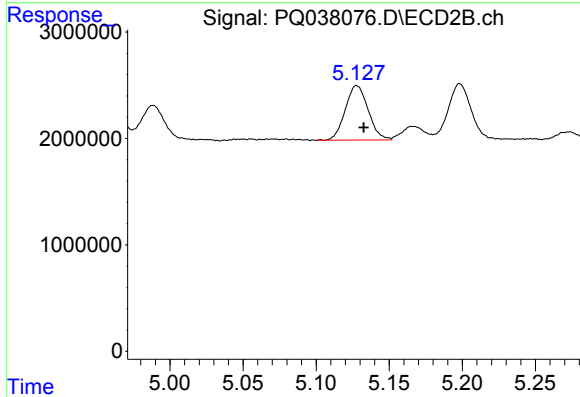
R.T.: 4.956 min
Delta R.T.: -0.006 min
Response: 8701107
Conc: 302.35 ng/ml



#15 AR-1232-5

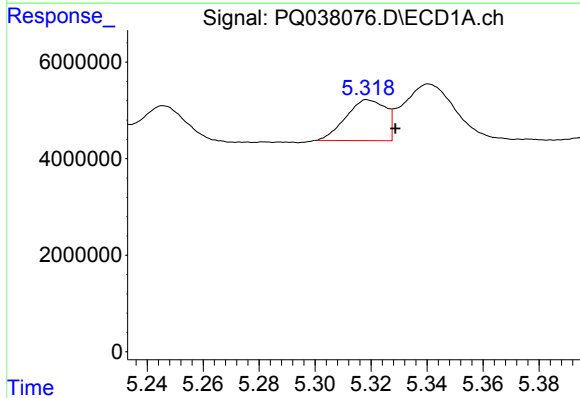
R.T.: 5.578 min
Delta R.T.: -0.010 min
Response: 16804931
Conc: 393.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



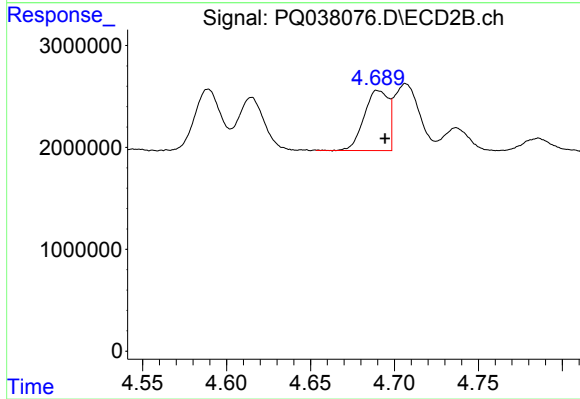
#15 AR-1232-5

R.T.: 5.128 min
Delta R.T.: -0.005 min
Response: 5572390
Conc: 175.79 ng/ml



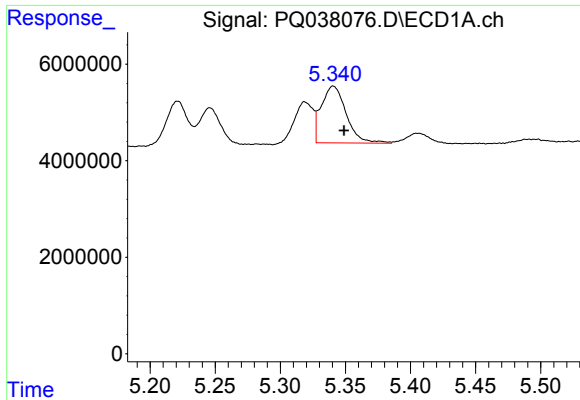
#16 AR-1242-1

R.T.: 5.320 min
Delta R.T.: -0.009 min
Response: 8299902
Conc: 50.51 ng/ml



#16 AR-1242-1

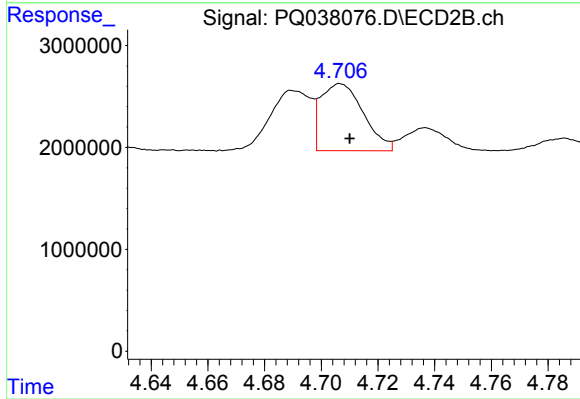
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 5944858
Conc: 64.79 ng/ml



#17 AR-1242-2

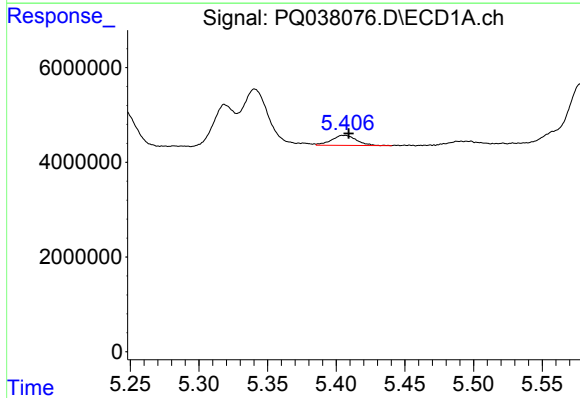
R.T.: 5.341 min
Delta R.T.: -0.008 min
Response: 15716191
Conc: 61.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



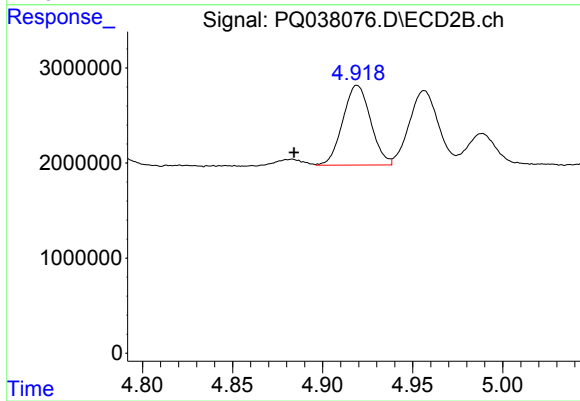
#17 AR-1242-2

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 6850229
Conc: 49.02 ng/ml



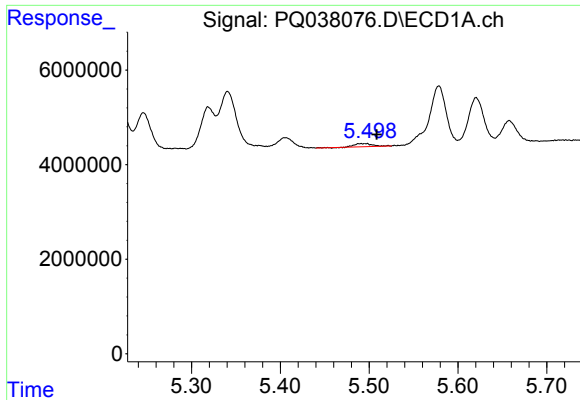
#18 AR-1242-3

R.T.: 5.406 min
Delta R.T.: -0.003 min
Response: 2657503
Conc: 18.02 ng/ml



#18 AR-1242-3

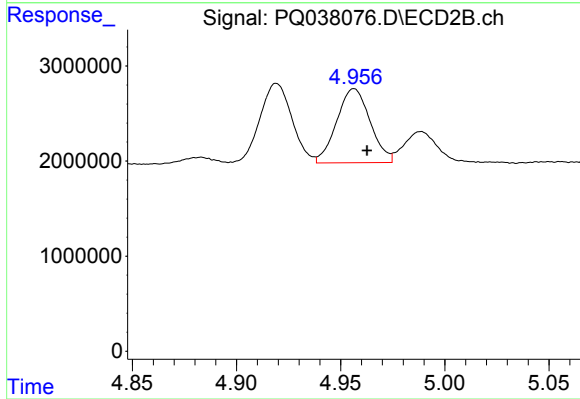
R.T.: 4.919 min
Delta R.T.: 0.035 min
Response: 9011675
Conc: 130.40 ng/ml



#19 AR-1242-4

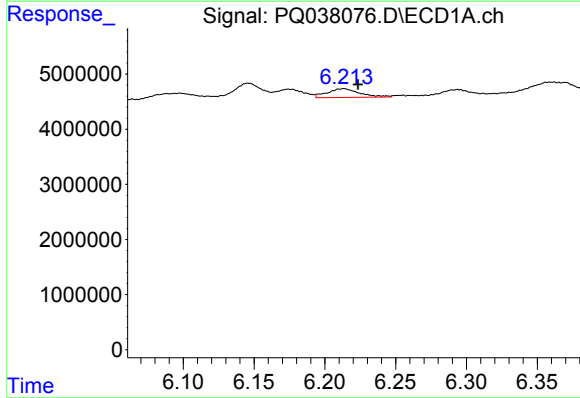
R.T.: 5.493 min
Delta R.T.: -0.015 min
Response: 951993
Conc: 7.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



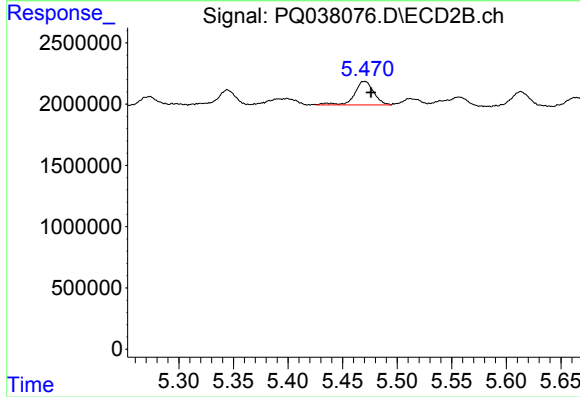
#19 AR-1242-4

R.T.: 4.956 min
Delta R.T.: -0.006 min
Response: 8701107
Conc: 136.31 ng/ml



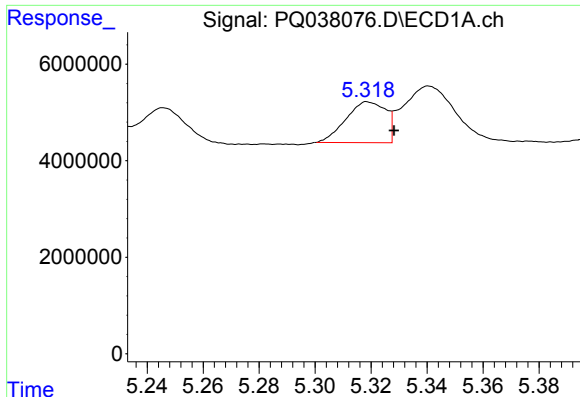
#20 AR-1242-5

R.T.: 6.213 min
Delta R.T.: -0.011 min
Response: 2558028
Conc: 18.72 ng/ml



#20 AR-1242-5

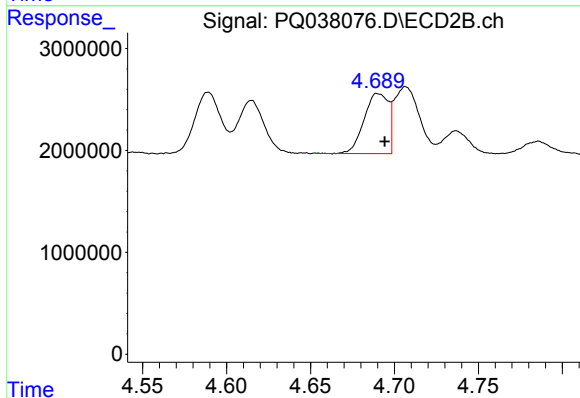
R.T.: 5.470 min
Delta R.T.: -0.006 min
Response: 2359029
Conc: 27.29 ng/ml



#21 AR-1248-1

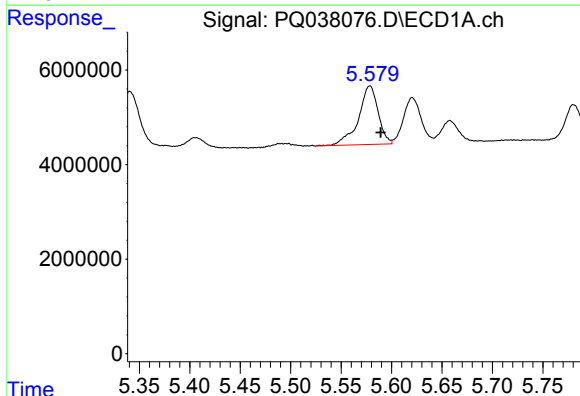
R.T.: 5.320 min
Delta R.T.: -0.009 min
Response: 8299902
Conc: 52.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



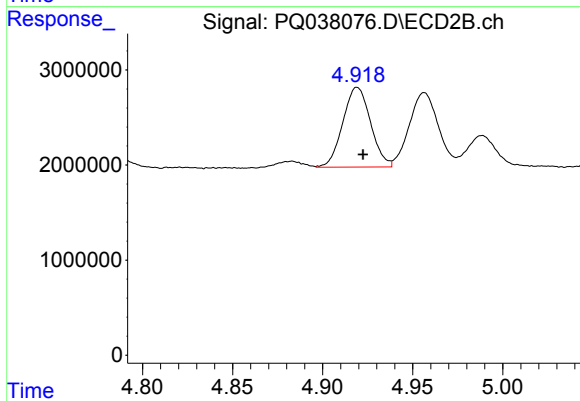
#21 AR-1248-1

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 5944858
Conc: 64.45 ng/ml



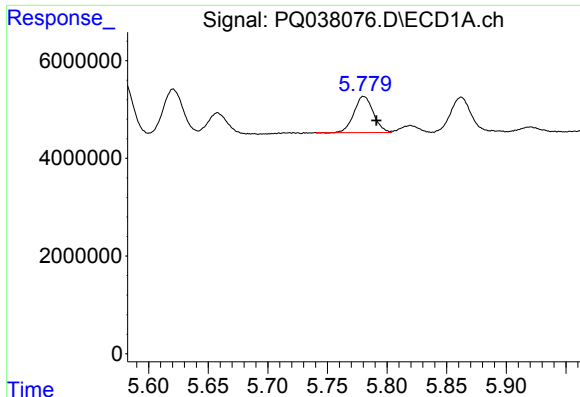
#22 AR-1248-2

R.T.: 5.578 min
Delta R.T.: -0.011 min
Response: 16804931
Conc: 76.78 ng/ml



#22 AR-1248-2

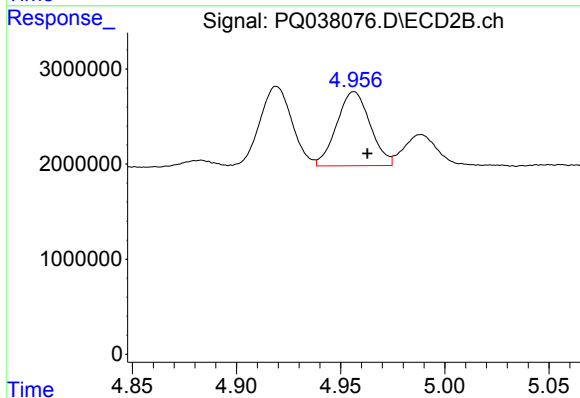
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 9011675
Conc: 75.24 ng/ml



#23 AR-1248-3

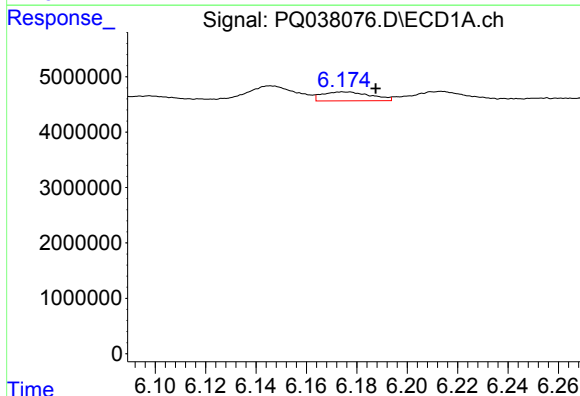
R.T.: 5.781 min
Delta R.T.: -0.010 min
Response: 8398623
Conc: 34.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



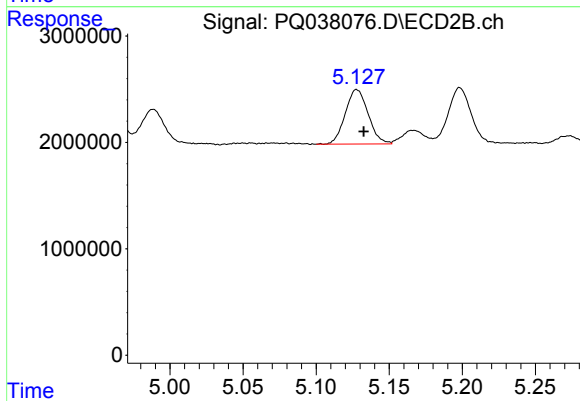
#23 AR-1248-3

R.T.: 4.956 min
Delta R.T.: -0.006 min
Response: 8701107
Conc: 71.70 ng/ml



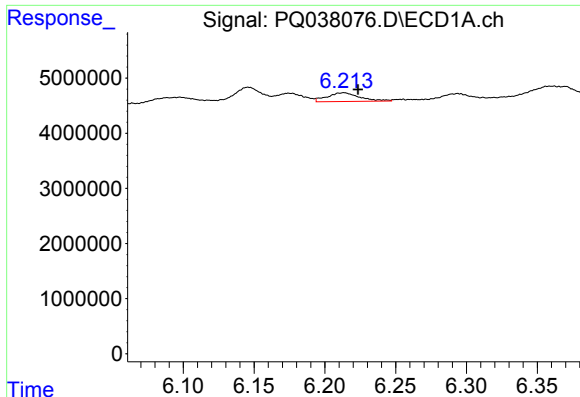
#24 AR-1248-4

R.T.: 6.175 min
Delta R.T.: -0.013 min
Response: 2143108
Conc: 7.66 ng/ml



#24 AR-1248-4

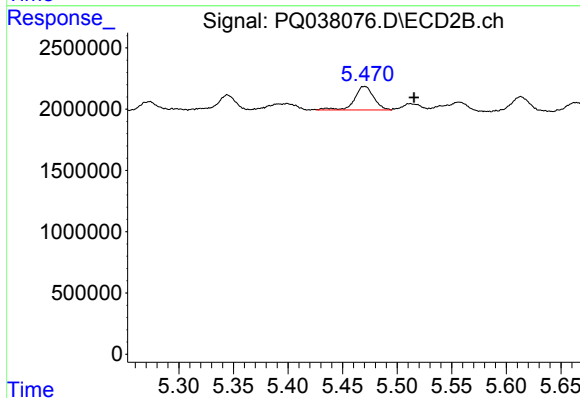
R.T.: 5.128 min
Delta R.T.: -0.005 min
Response: 5572390
Conc: 37.47 ng/ml



#25 AR-1248-5

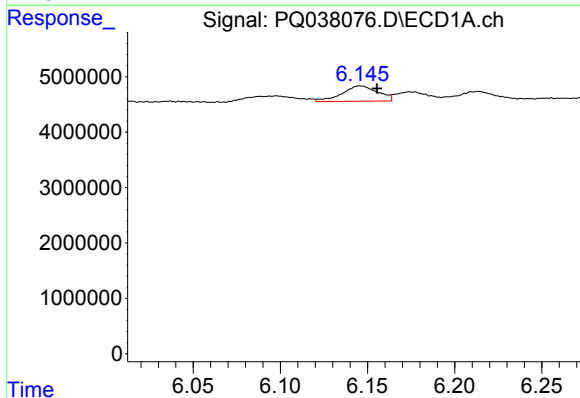
R.T.: 6.213 min
Delta R.T.: -0.011 min
Response: 2558028
Conc: 9.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



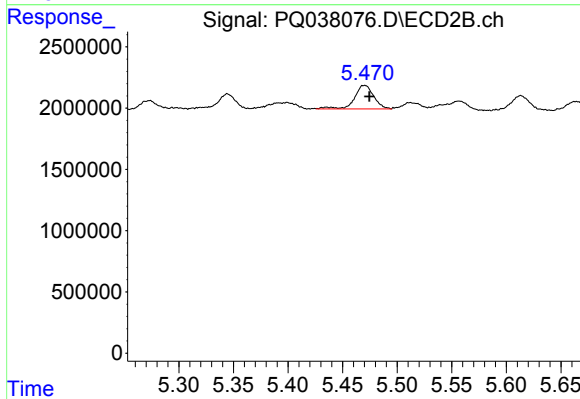
#25 AR-1248-5

R.T.: 5.470 min
Delta R.T.: -0.045 min
Response: 2359029
Conc: 16.22 ng/ml



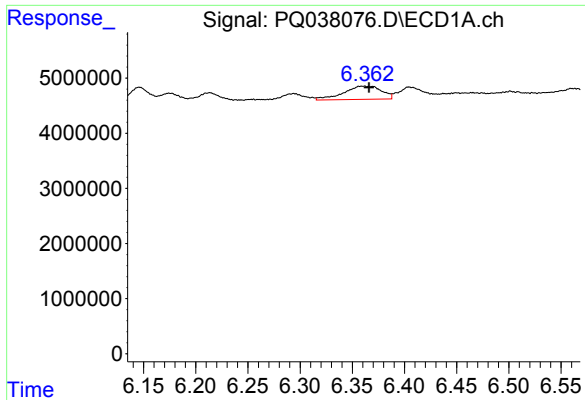
#26 AR-1254-1

R.T.: 6.146 min
Delta R.T.: -0.009 min
Response: 3994725
Conc: 20.33 ng/ml



#26 AR-1254-1

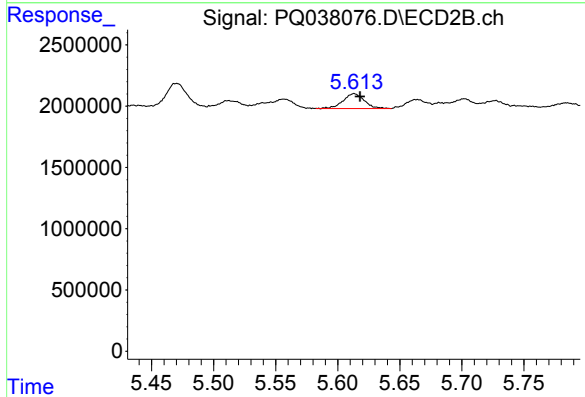
R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 2359029
Conc: 15.31 ng/ml



#27 AR-1254-2

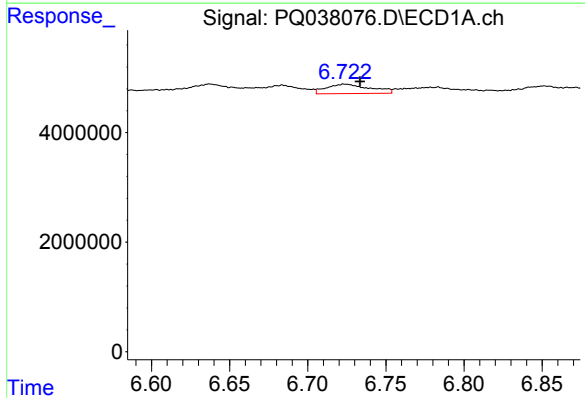
R.T.: 6.361 min
Delta R.T.: -0.005 min
Response: 6114665
Conc: 19.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



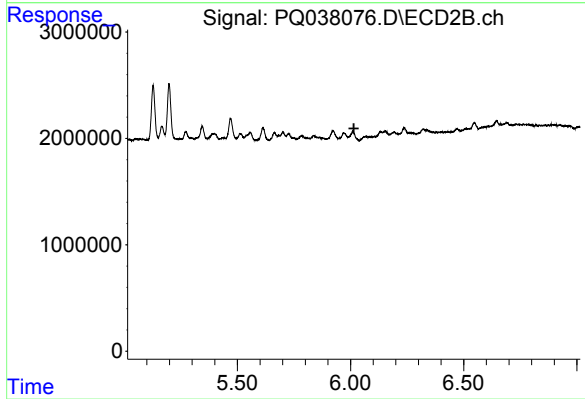
#27 AR-1254-2

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 1433721
Conc: 11.05 ng/ml



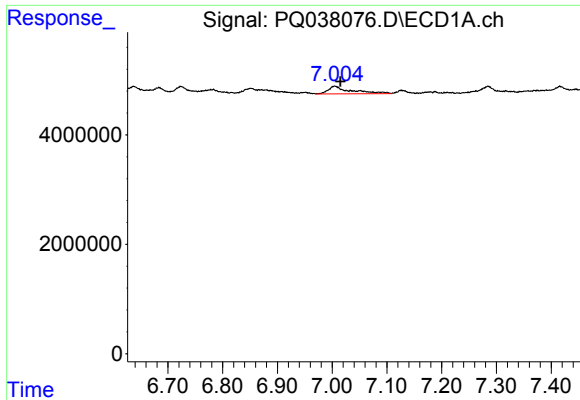
#28 AR-1254-3

R.T.: 6.724 min
Delta R.T.: -0.009 min
Response: 3329659
Conc: 10.69 ng/ml



#28 AR-1254-3

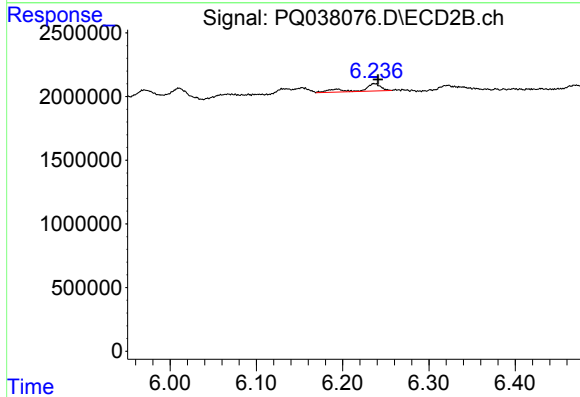
R.T.: 0.000 min
Exp R.T.: 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

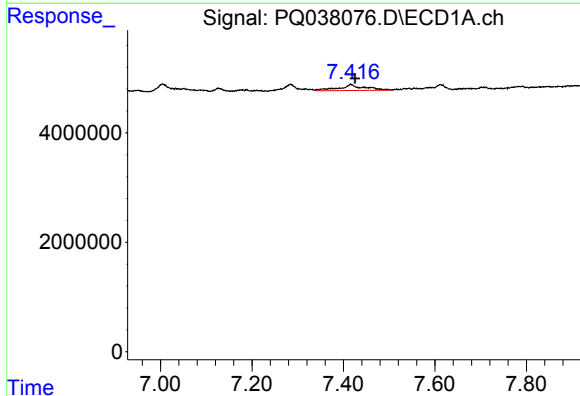
R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 4016720
Conc: 15.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



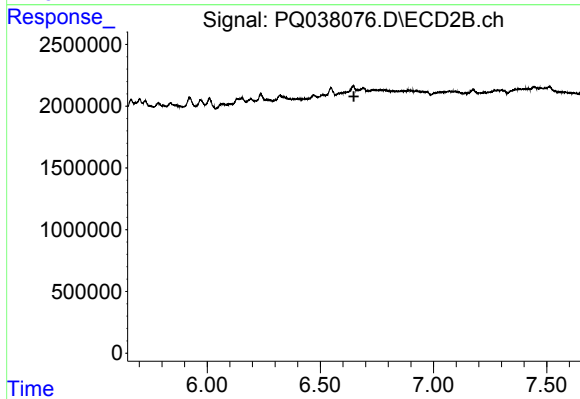
#29 AR-1254-4

R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 911943
Conc: 5.69 ng/ml



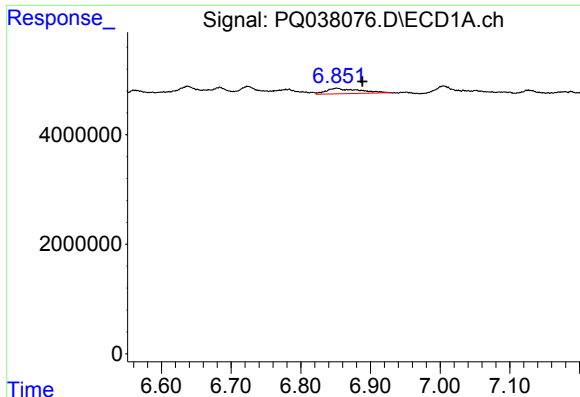
#30 AR-1254-5

R.T.: 7.416 min
Delta R.T.: -0.009 min
Response: 4270920
Conc: 14.47 ng/ml



#30 AR-1254-5

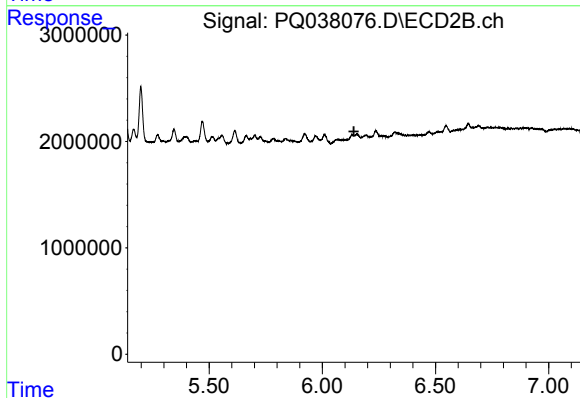
R.T.: 0.000 min
Exp R.T.: 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

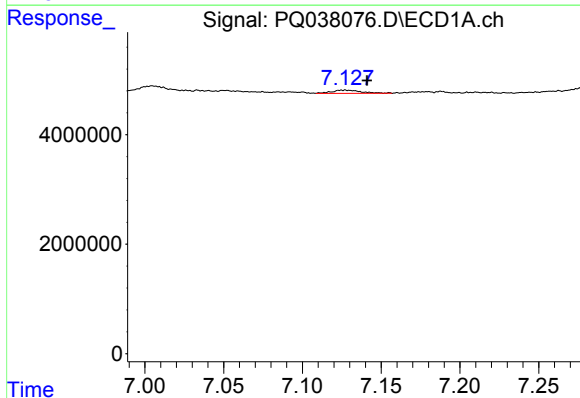
R.T.: 6.852 min
Delta R.T.: -0.037 min
Response: 3351671
Conc: 12.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



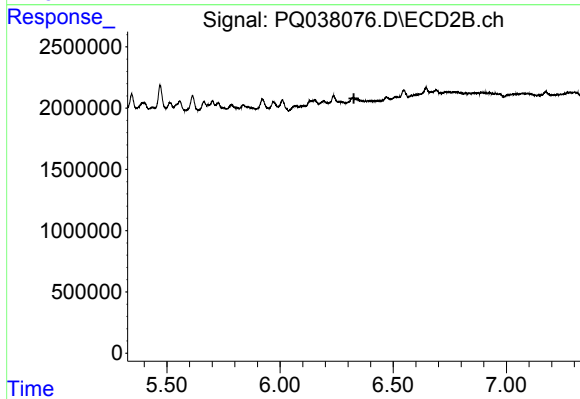
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



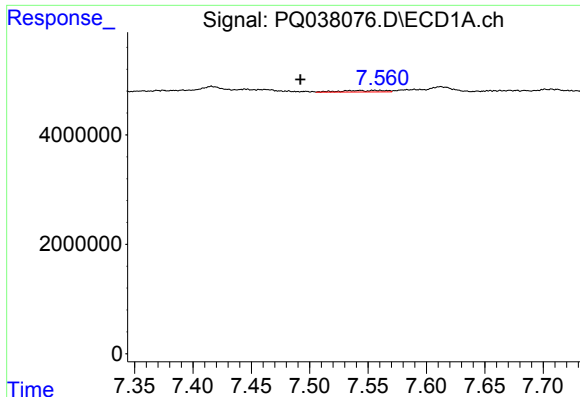
#32 AR-1260-2

R.T.: 7.127 min
Delta R.T.: -0.014 min
Response: 756908
Conc: 2.20 ng/ml



#32 AR-1260-2

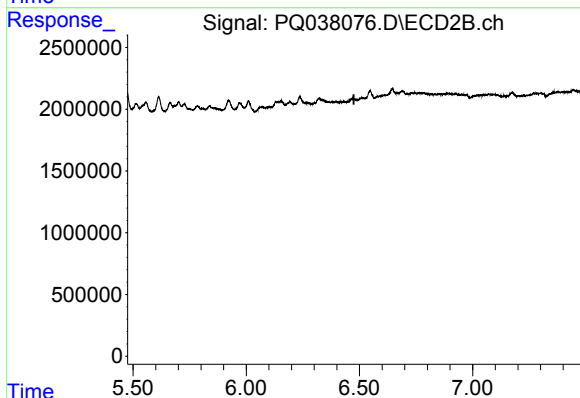
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

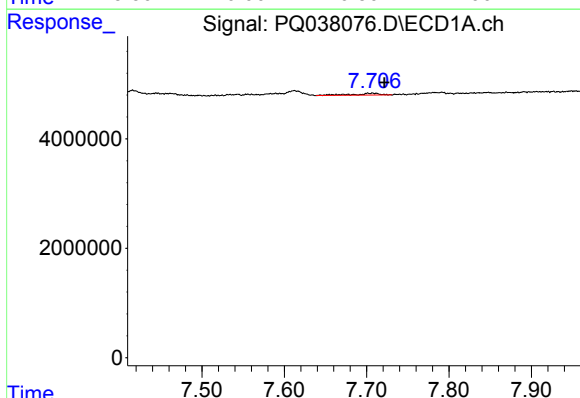
R.T.: 7.556 min
Delta R.T.: 0.064 min
Response: 757327
Conc: 2.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



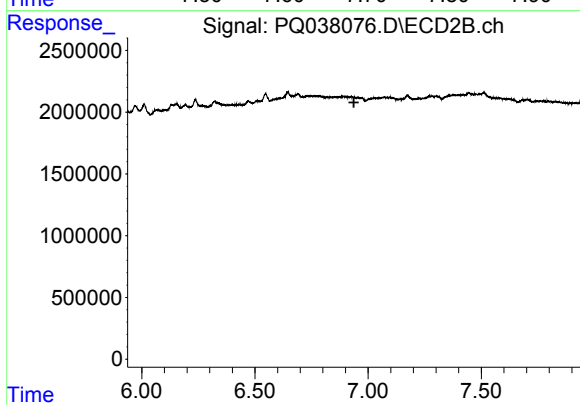
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



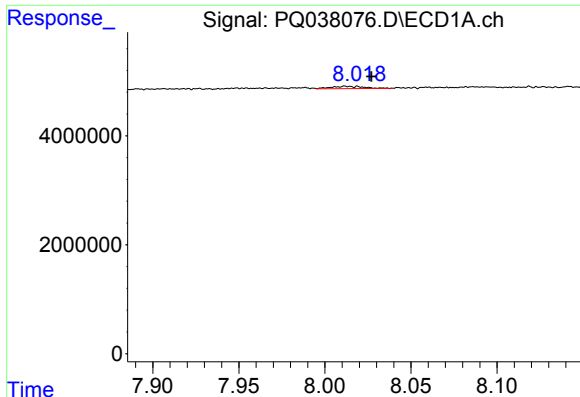
#34 AR-1260-4

R.T.: 7.707 min
Delta R.T.: -0.015 min
Response: 781906
Conc: 2.90 ng/ml



#34 AR-1260-4

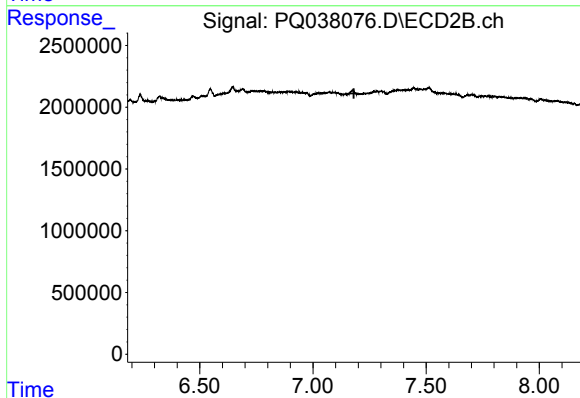
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

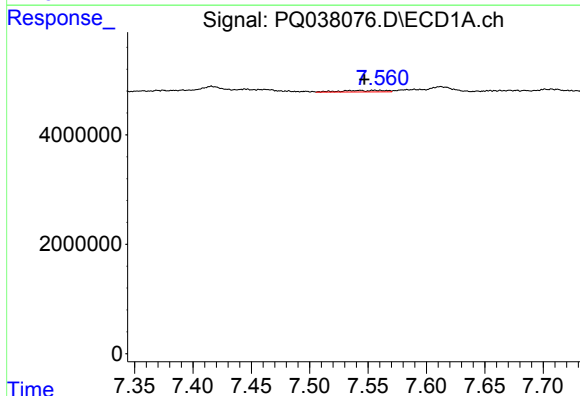
R.T.: 8.013 min
Delta R.T.: -0.014 min
Response: 565412
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



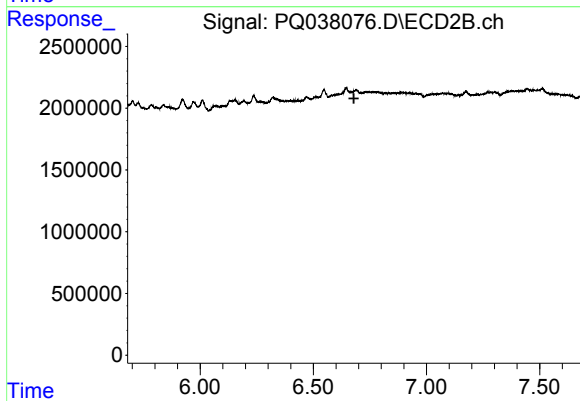
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



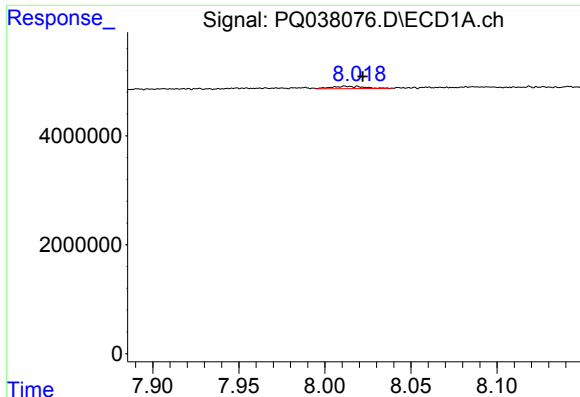
#36 AR-1262-1

R.T.: 7.556 min
Delta R.T.: 0.009 min
Response: 757327
Conc: 4.90 ng/ml



#36 AR-1262-1

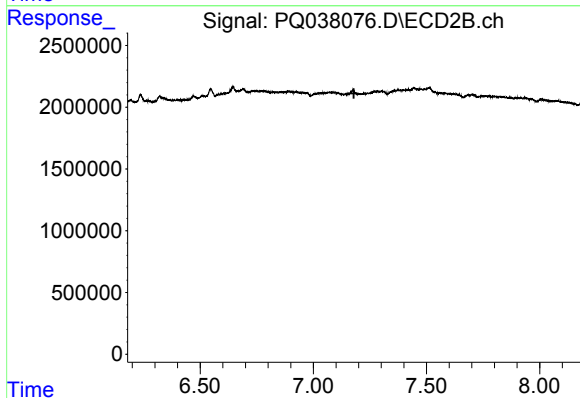
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

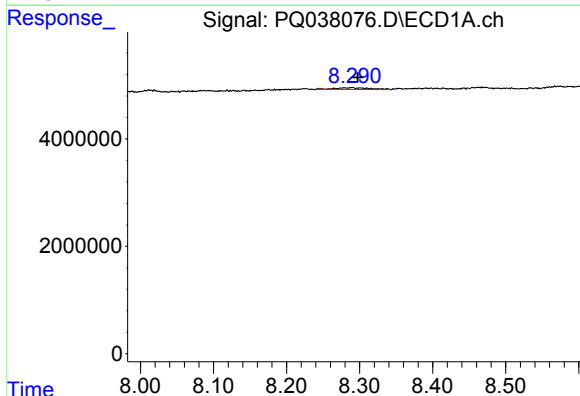
R.T.: 8.013 min
Delta R.T.: -0.009 min
Response: 565412
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



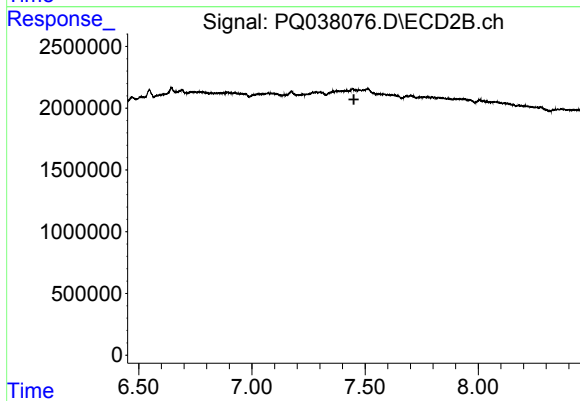
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



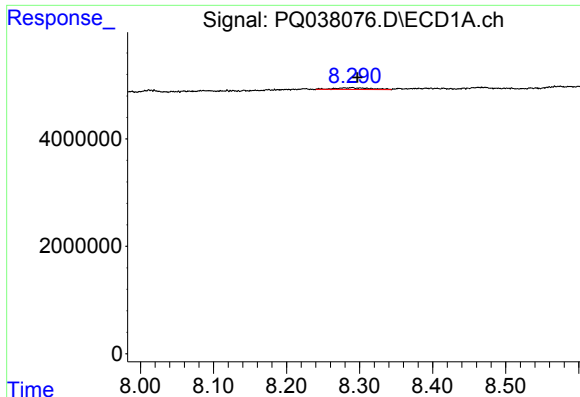
#38 AR-1262-3

R.T.: 8.289 min
Delta R.T.: -0.008 min
Response: 1045348
Conc: 3.49 ng/ml



#38 AR-1262-3

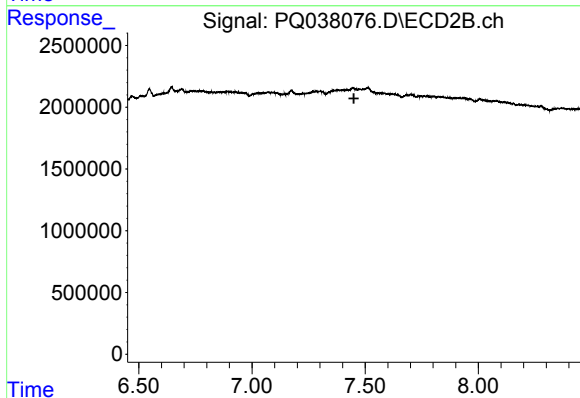
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#41 AR-1268-1

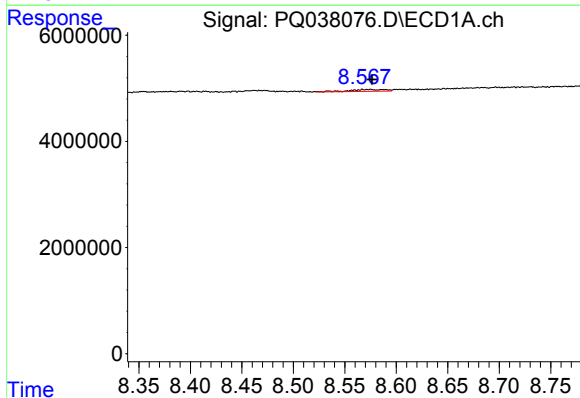
R.T.: 8.289 min
Delta R.T.: -0.008 min
Response: 1045348
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



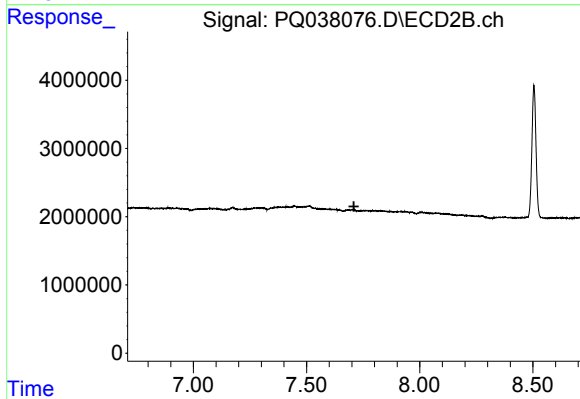
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



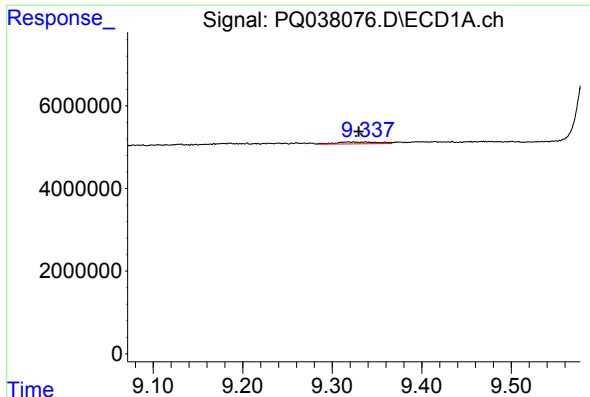
#43 AR-1268-3

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 886392
Conc: 1.35 ng/ml



#43 AR-1268-3

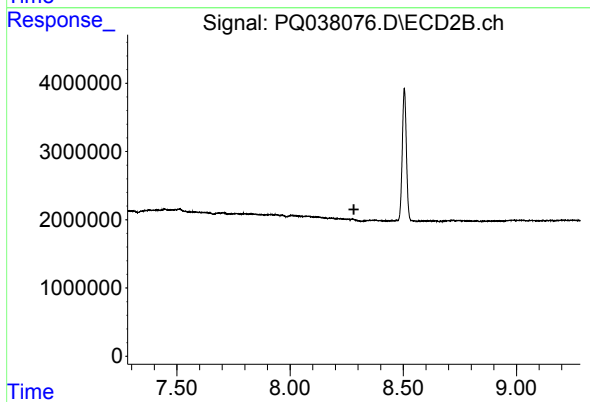
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.319 min
Delta R.T.: -0.011 min
Response: 1457511
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
20190128-LOC-5



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.