

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032319\
 Data File : PQ038147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2019 16:11
 Operator : SM\SJ
 Sample : K1856-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BP-FW-MW03-20190310

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 22:43:24 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...	4.175	3.635	129.0E6	57201751	22.177	18.521
2)	SA Decachlor...	9.577	8.498	31199509	43439925	6.471	19.403 #
Target Compounds							
3)	L1 AR-1016-1	5.337	4.704	23523705	7623459	116.885	67.756 #
4)	L1 AR-1016-2	5.337	4.704	23523705	7623459	74.958	45.005 #
5)	L1 AR-1016-3	5.398	4.879	5295817	14362616	29.077	166.633 #
6)	L1 AR-1016-4	5.483	4.915	26379889	9830057	176.342	142.098
7)	L1 AR-1016-5	5.811	5.124	13404902	17716853	92.325	203.250 #
9)	L2 AR-1221-2	4.473	0.000	1928697	0	41.693	N.D. #
10)	L2 AR-1221-3	4.619	0.000	1257201	0	8.226	N.D. #
11)	L3 AR-1232-1	4.619	0.000	1257201	0	10.102	N.D. #
12)	L3 AR-1232-2	5.052	4.704	89721010	7623459	1523.662	107.823 #
13)	L3 AR-1232-3	5.337	4.879	23523705	14362616	190.472	429.613 #
14)	L3 AR-1232-4	5.483	4.952	26379889	10692147	452.924	371.537
15)	L3 AR-1232-5	5.571	5.124	24448030	17716853	571.890	558.913
16)	L4 AR-1242-1	5.337	4.704	23523705	7623459	143.154	83.079 #
17)	L4 AR-1242-2	5.337	4.704	23523705	7623459	92.190	54.558 #
18)	L4 AR-1242-3	5.398	4.879	5295817	14362616	35.908	207.831 #
19)	L4 AR-1242-4	5.483	4.952	26379889	10692147	215.508	167.506
20)	L4 AR-1242-5	6.205	5.467	25135676	10078734	183.962	116.600 #
21)	L5 AR-1248-1	5.337	4.704	23523705	7623459	148.529	82.653 #
22)	L5 AR-1248-2	5.571	4.915	24448030	9830057	111.696	82.076 #
23)	L5 AR-1248-3	5.773	4.952	28860391	10692147	117.470	88.102 #
24)	L5 AR-1248-4	6.205	5.124	25135676	17716853	89.864	119.147 #
25)	L5 AR-1248-5	6.205	5.506	25135676	13265494	94.818	91.199
26)	L6 AR-1254-1	6.167	5.467	16601983	10078734	84.506	65.430
27)	L6 AR-1254-2	6.365	5.608	19796810	1451366	64.591	11.186 #
28)	L6 AR-1254-3	6.715	6.007	4922461	3428371	15.807	16.208
29)	L6 AR-1254-4	6.995	0.000	2039115	0	8.033	N.D. #
30)	L6 AR-1254-5	7.408	0.000	480742	0	1.629	N.D. #
31)	L7 AR-1260-1	6.909	0.000	508026	0	1.962	N.D. #
33)	L7 AR-1260-3	7.490	0.000	2171751	0	7.657	N.D. #
34)	L7 AR-1260-4	7.714	0.000	1370193	0	5.090	N.D. #
35)	L7 AR-1260-5	8.029	0.000	3241682	0	5.145	N.D. #
36)	L8 AR-1262-1	7.596	0.000	949528	0	6.148	N.D. #
37)	L8 AR-1262-2	8.029	0.000	3241682	0	4.621	N.D. #
38)	L8 AR-1262-3	8.291	0.000	731311	0	2.440	N.D. #
39)	L8 AR-1262-4	8.374	0.000	643062	0	1.854	N.D. #
40)	L8 AR-1262-5	8.946	0.000	1008956	0	4.223	N.D. #
41)	L9 AR-1268-1	8.291	0.000	731311	0	0.889	N.D. #
42)	L9 AR-1268-2	8.374	0.000	643062	0	0.861	N.D. #
43)	L9 AR-1268-3	8.557	0.000	336600	0	0.513	N.D. #

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 Operator : SM\SJ
 Sample : K1856-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

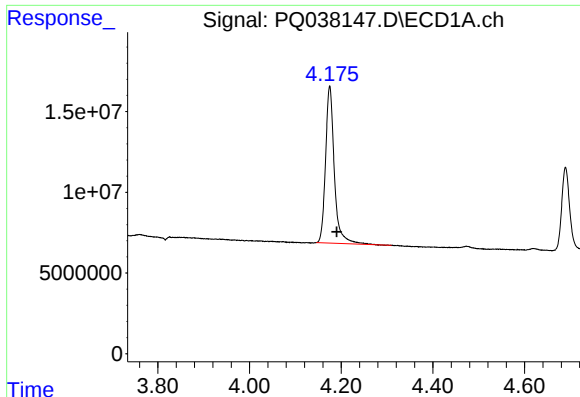
Instrument :
 ECD_Q
 ClientSampleId :
 BP-FW-MW03-20190310

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 22:43:24 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
44) L9	AR-1268-4	8.946	0.000	1008956	0	3.898	N.D. #
45) L9	AR-1268-5	9.306	0.000	1830728	0	0.938	N.D. #

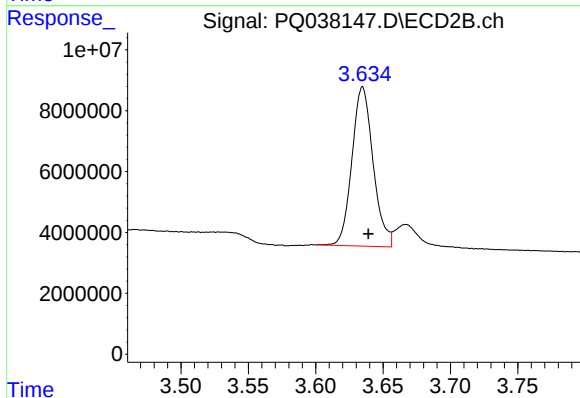
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

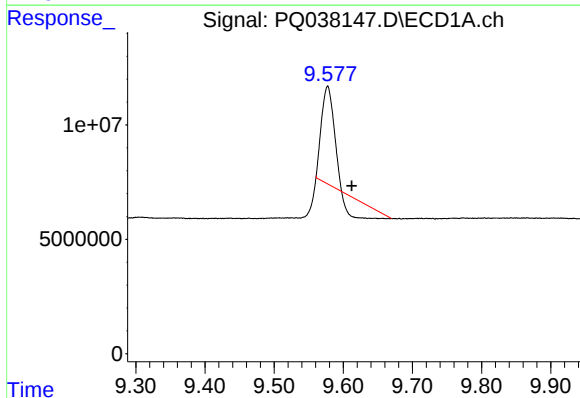
R.T.: 4.175 min
Delta R.T.: -0.015 min
Response: 129041121
Conc: 22.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



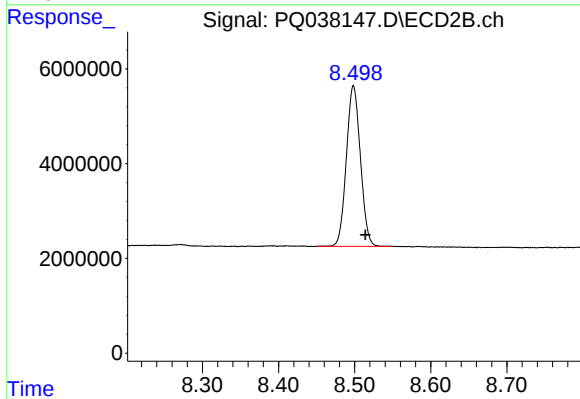
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: -0.004 min
Response: 57201751
Conc: 18.52 ng/ml



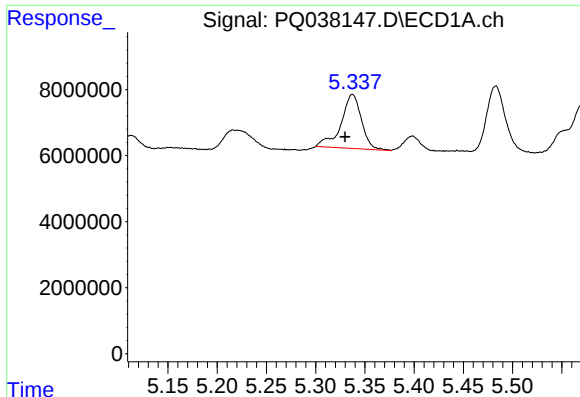
#2 Decachlorobiphenyl

R.T.: 9.577 min
Delta R.T.: -0.035 min
Response: 31199509
Conc: 6.47 ng/ml



#2 Decachlorobiphenyl

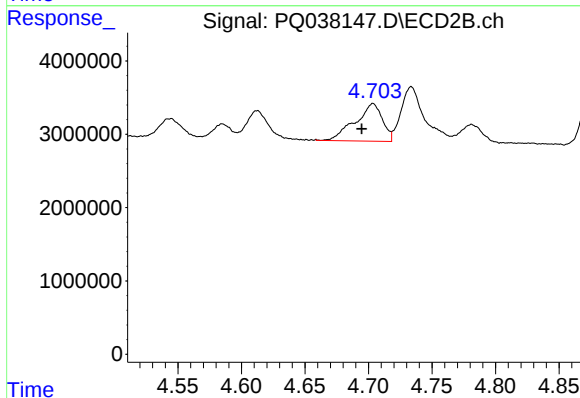
R.T.: 8.498 min
Delta R.T.: -0.016 min
Response: 43439925
Conc: 19.40 ng/ml



#3 AR-1016-1

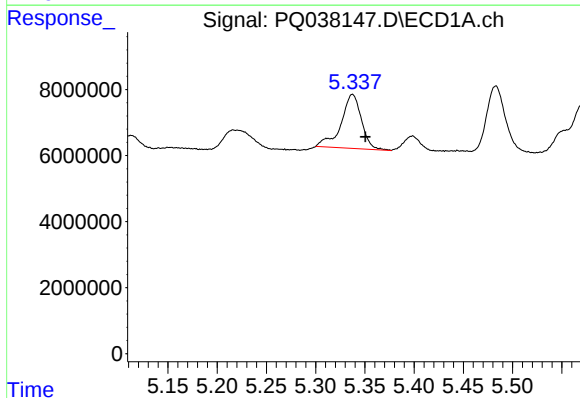
R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 23523705
Conc: 116.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



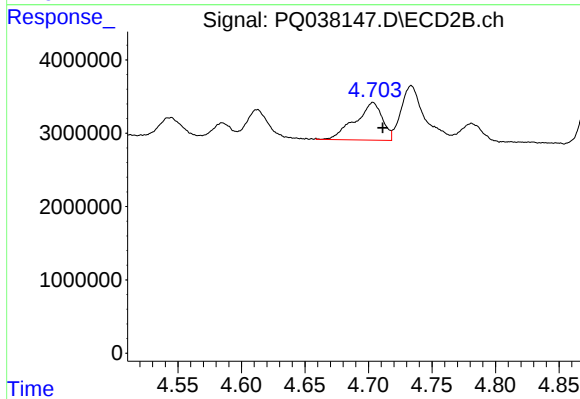
#3 AR-1016-1

R.T.: 4.704 min
Delta R.T.: 0.009 min
Response: 7623459
Conc: 67.76 ng/ml



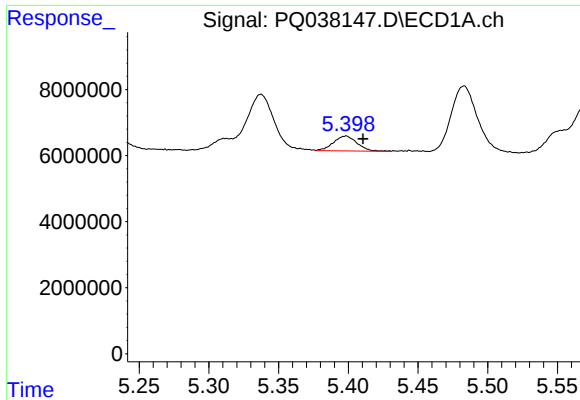
#4 AR-1016-2

R.T.: 5.337 min
Delta R.T.: -0.013 min
Response: 23523705
Conc: 74.96 ng/ml



#4 AR-1016-2

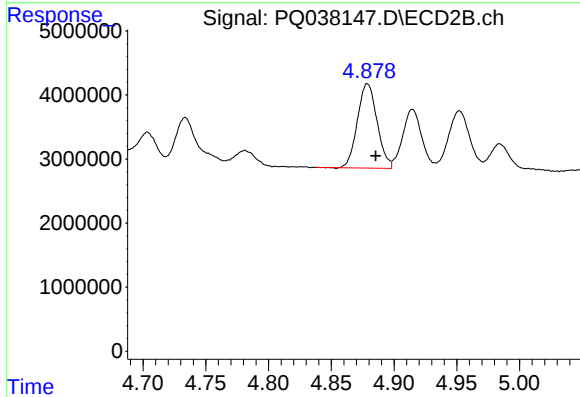
R.T.: 4.704 min
Delta R.T.: -0.008 min
Response: 7623459
Conc: 45.00 ng/ml



#5 AR-1016-3

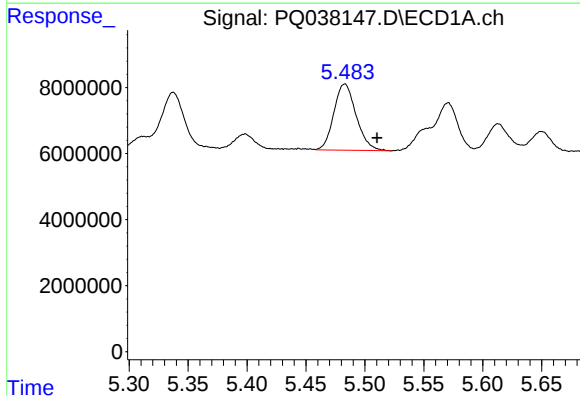
R.T.: 5.398 min
Delta R.T.: -0.012 min
Response: 5295817
Conc: 29.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



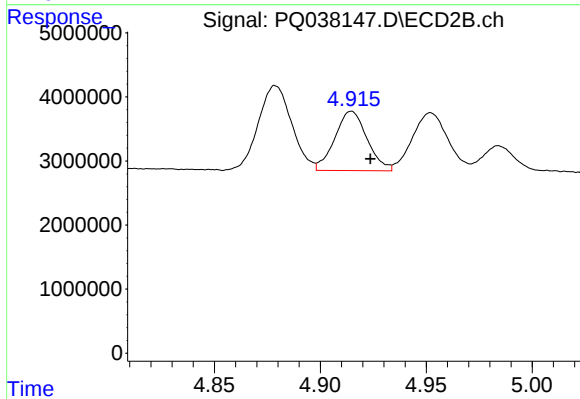
#5 AR-1016-3

R.T.: 4.879 min
Delta R.T.: -0.007 min
Response: 14362616
Conc: 166.63 ng/ml



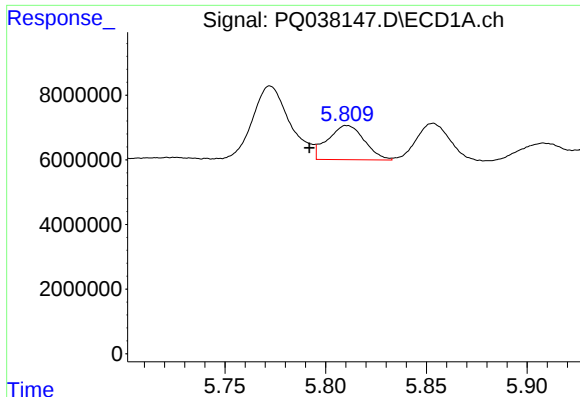
#6 AR-1016-4

R.T.: 5.483 min
Delta R.T.: -0.027 min
Response: 26379889
Conc: 176.34 ng/ml



#6 AR-1016-4

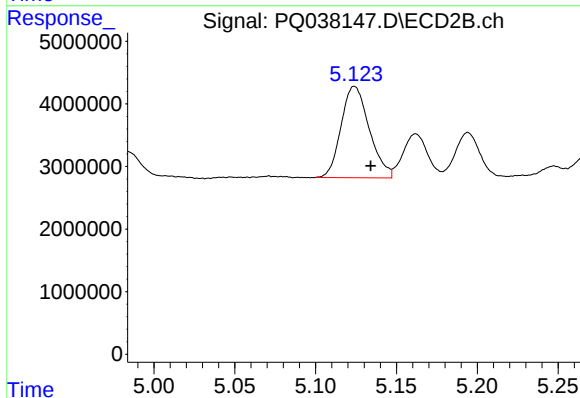
R.T.: 4.915 min
Delta R.T.: -0.009 min
Response: 9830057
Conc: 142.10 ng/ml



#7 AR-1016-5

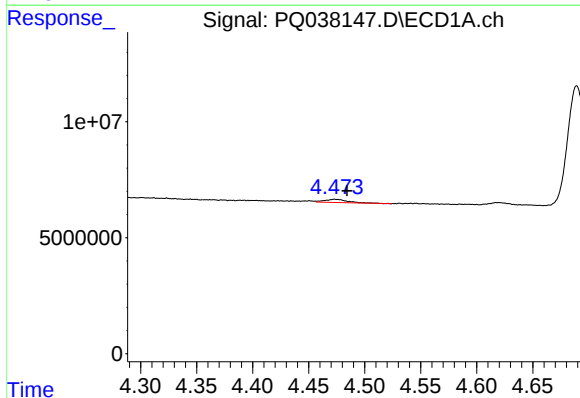
R.T.: 5.811 min
Delta R.T.: 0.019 min
Response: 13404902
Conc: 92.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



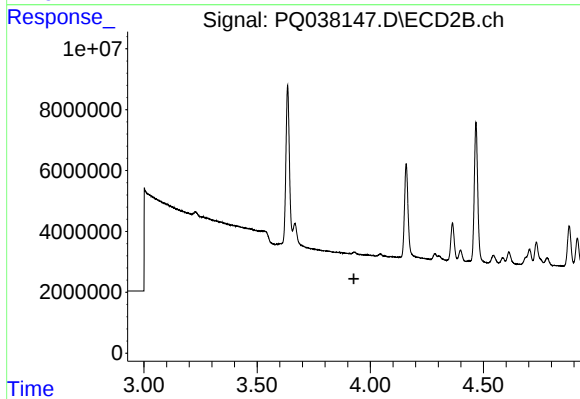
#7 AR-1016-5

R.T.: 5.124 min
Delta R.T.: -0.010 min
Response: 17716853
Conc: 203.25 ng/ml



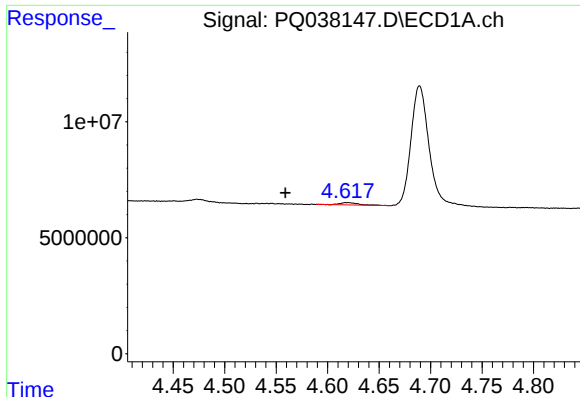
#9 AR-1221-2

R.T.: 4.473 min
Delta R.T.: -0.011 min
Response: 1928697
Conc: 41.69 ng/ml



#9 AR-1221-2

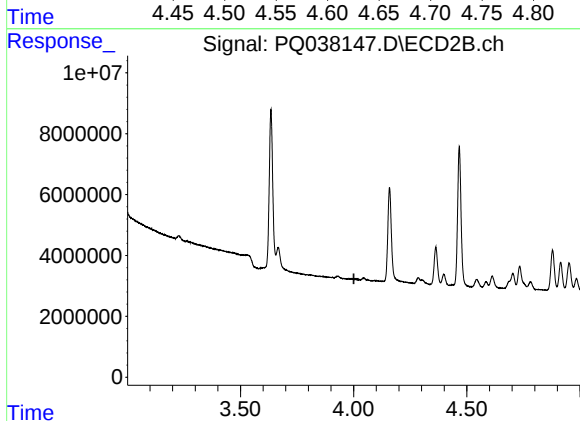
R.T.: 0.000 min
Exp R.T.: 3.928 min
Response: 0
Conc: N.D.



#10 AR-1221-3

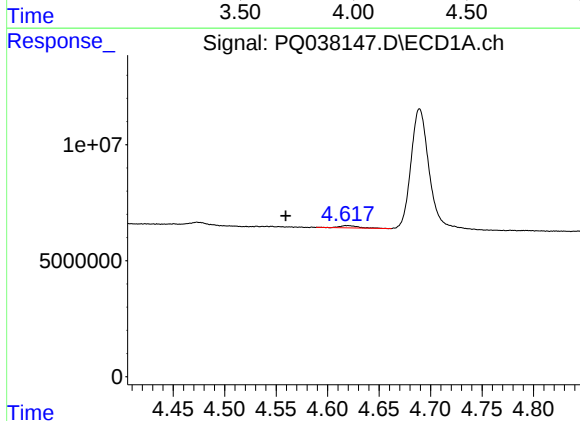
R.T.: 4.619 min
Delta R.T.: 0.060 min
Response: 1257201
Conc: 8.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



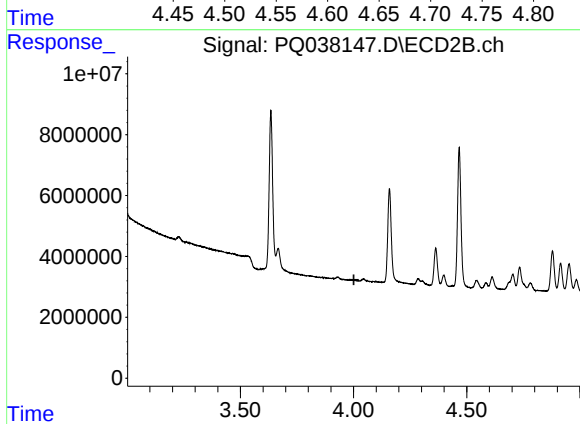
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



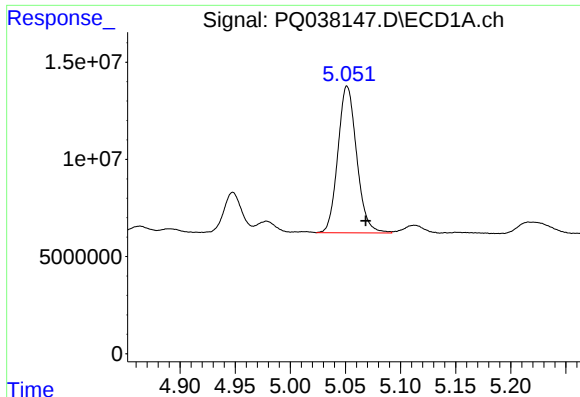
#11 AR-1232-1

R.T.: 4.619 min
Delta R.T.: 0.060 min
Response: 1257201
Conc: 10.10 ng/ml



#11 AR-1232-1

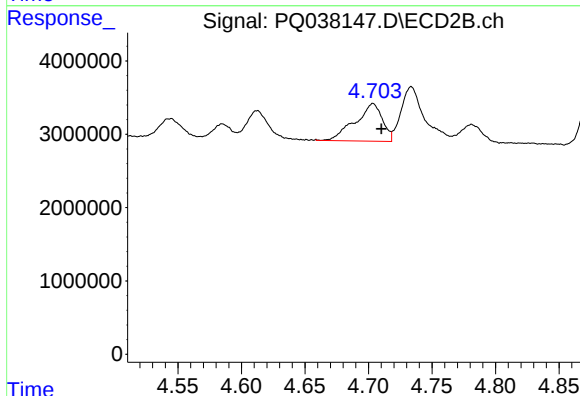
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#12 AR-1232-2

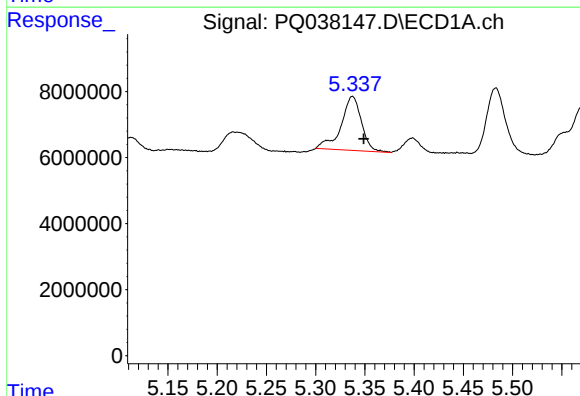
R.T.: 5.052 min
Delta R.T.: -0.017 min
Response: 89721010
Conc: 1523.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



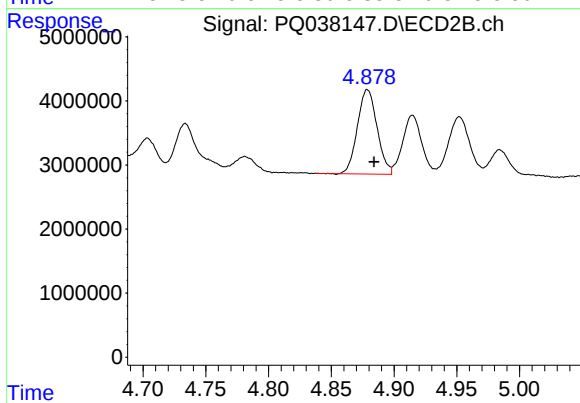
#12 AR-1232-2

R.T.: 4.704 min
Delta R.T.: -0.007 min
Response: 7623459
Conc: 107.82 ng/ml



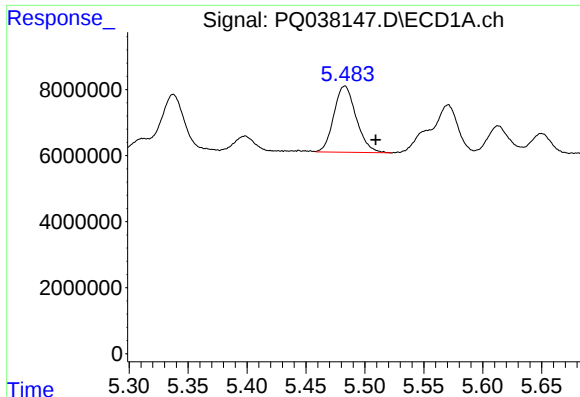
#13 AR-1232-3

R.T.: 5.337 min
Delta R.T.: -0.011 min
Response: 23523705
Conc: 190.47 ng/ml



#13 AR-1232-3

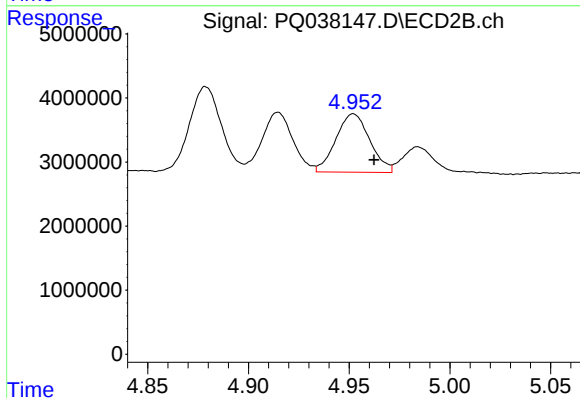
R.T.: 4.879 min
Delta R.T.: -0.005 min
Response: 14362616
Conc: 429.61 ng/ml



#14 AR-1232-4

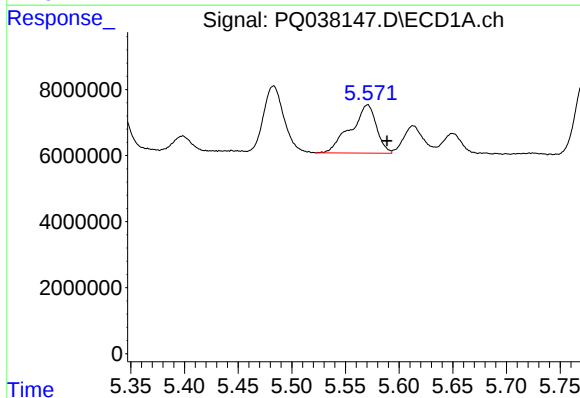
R.T.: 5.483 min
Delta R.T.: -0.026 min
Response: 26379889
Conc: 452.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



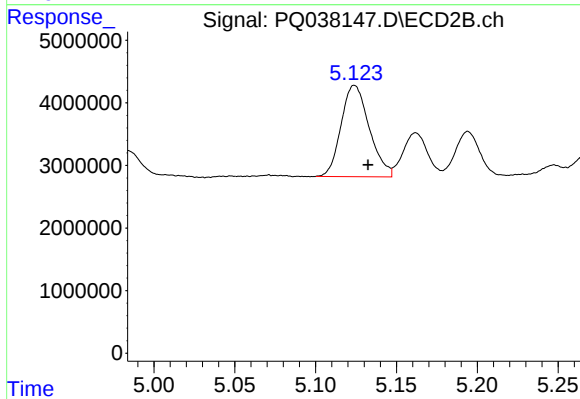
#14 AR-1232-4

R.T.: 4.952 min
Delta R.T.: -0.010 min
Response: 10692147
Conc: 371.54 ng/ml



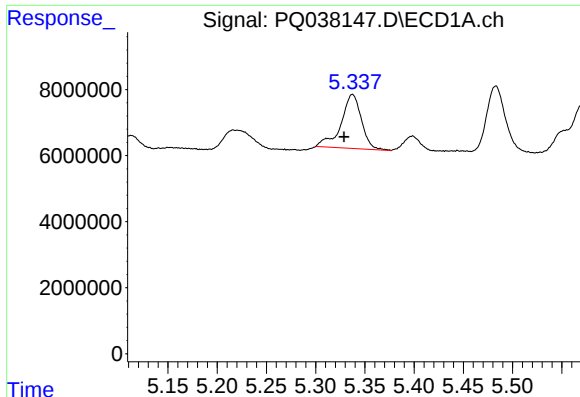
#15 AR-1232-5

R.T.: 5.571 min
Delta R.T.: -0.018 min
Response: 24448030
Conc: 571.89 ng/ml



#15 AR-1232-5

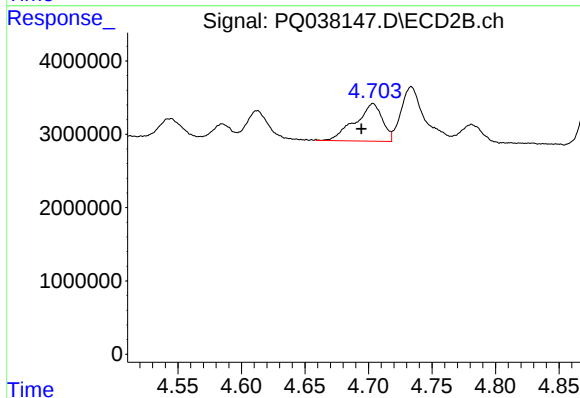
R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 17716853
Conc: 558.91 ng/ml



#16 AR-1242-1

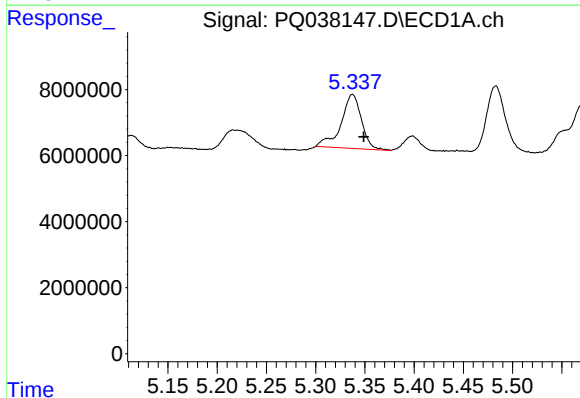
R.T.: 5.337 min
Delta R.T.: 0.009 min
Response: 23523705
Conc: 143.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



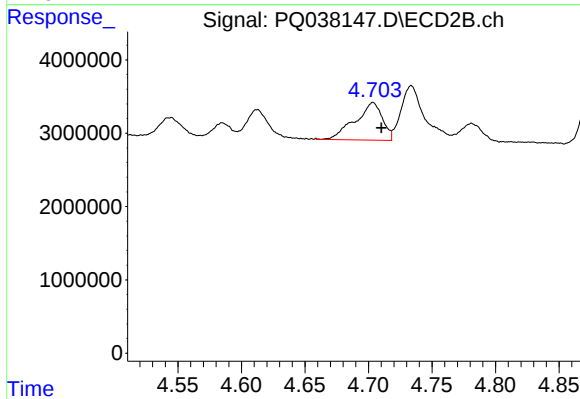
#16 AR-1242-1

R.T.: 4.704 min
Delta R.T.: 0.009 min
Response: 7623459
Conc: 83.08 ng/ml



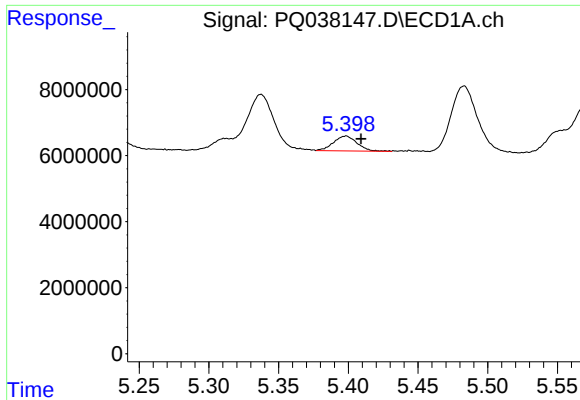
#17 AR-1242-2

R.T.: 5.337 min
Delta R.T.: -0.012 min
Response: 23523705
Conc: 92.19 ng/ml



#17 AR-1242-2

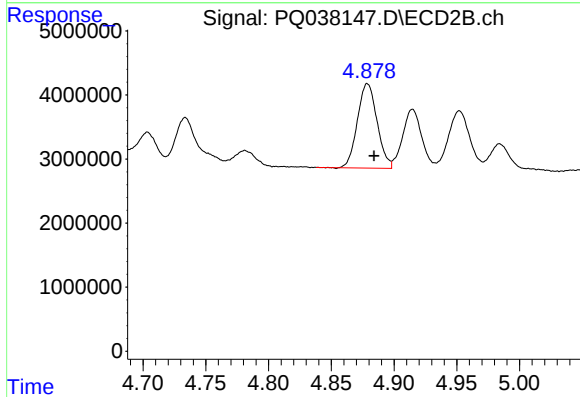
R.T.: 4.704 min
Delta R.T.: -0.007 min
Response: 7623459
Conc: 54.56 ng/ml



#18 AR-1242-3

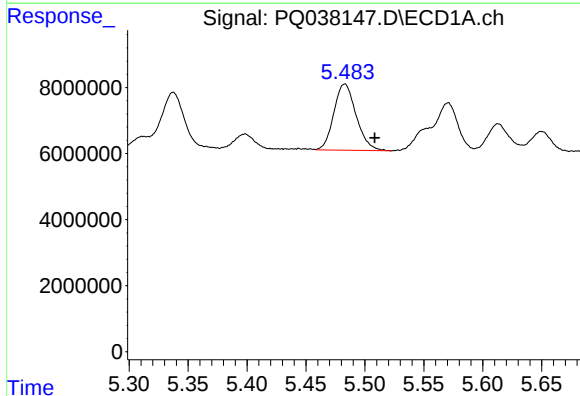
R.T.: 5.398 min
Delta R.T.: -0.011 min
Response: 5295817
Conc: 35.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



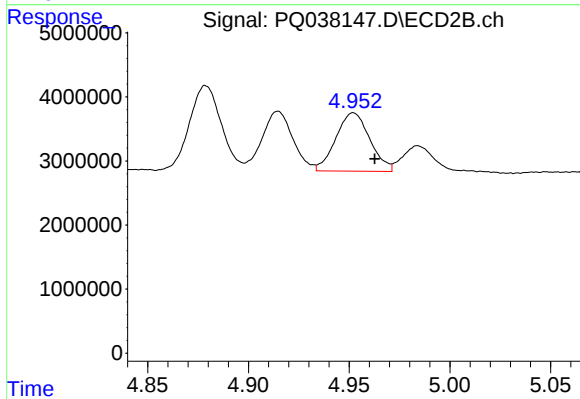
#18 AR-1242-3

R.T.: 4.879 min
Delta R.T.: -0.005 min
Response: 14362616
Conc: 207.83 ng/ml



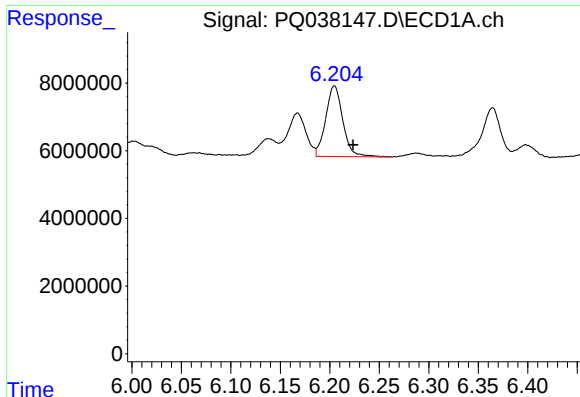
#19 AR-1242-4

R.T.: 5.483 min
Delta R.T.: -0.025 min
Response: 26379889
Conc: 215.51 ng/ml



#19 AR-1242-4

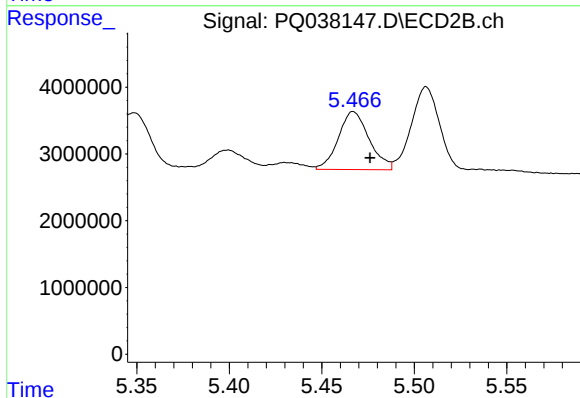
R.T.: 4.952 min
Delta R.T.: -0.011 min
Response: 10692147
Conc: 167.51 ng/ml



#20 AR-1242-5

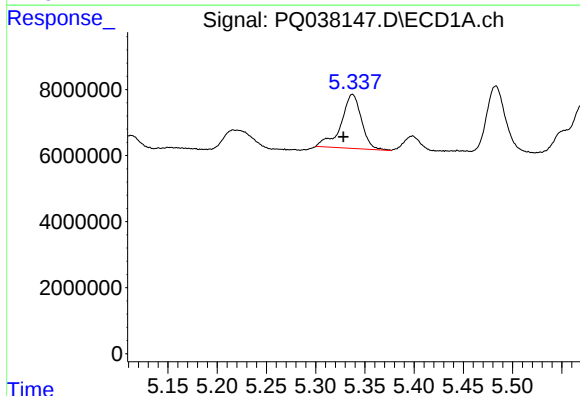
R.T.: 6.205 min
Delta R.T.: -0.019 min
Response: 25135676
Conc: 183.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



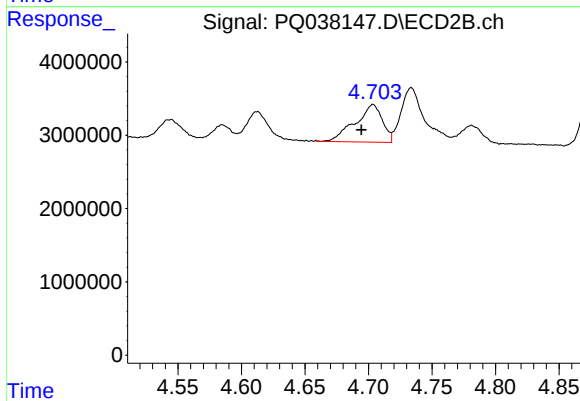
#20 AR-1242-5

R.T.: 5.467 min
Delta R.T.: -0.009 min
Response: 10078734
Conc: 116.60 ng/ml



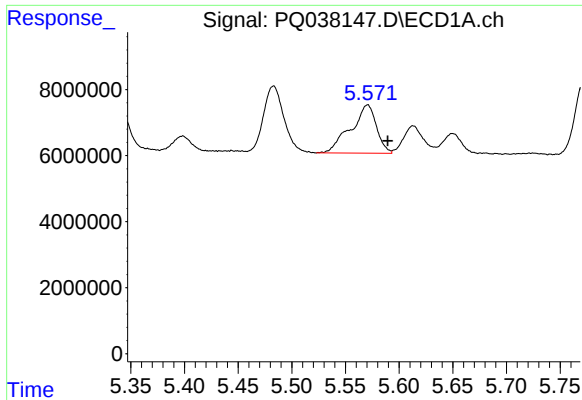
#21 AR-1248-1

R.T.: 5.337 min
Delta R.T.: 0.009 min
Response: 23523705
Conc: 148.53 ng/ml



#21 AR-1248-1

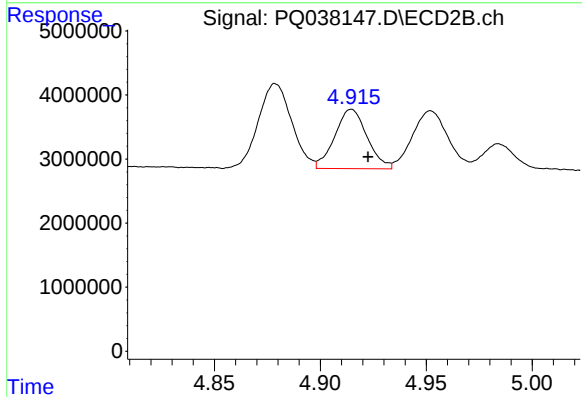
R.T.: 4.704 min
Delta R.T.: 0.009 min
Response: 7623459
Conc: 82.65 ng/ml



#22 AR-1248-2

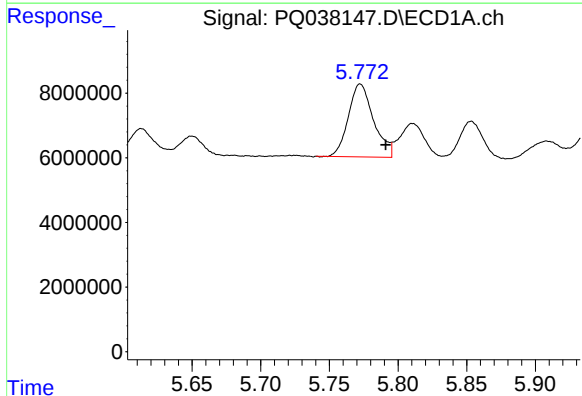
R.T.: 5.571 min
Delta R.T.: -0.019 min
Response: 24448030
Conc: 111.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



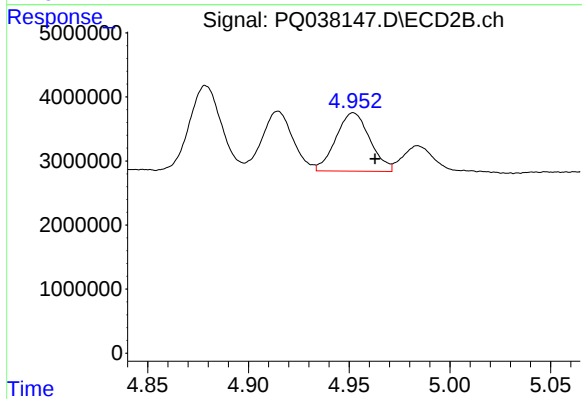
#22 AR-1248-2

R.T.: 4.915 min
Delta R.T.: -0.008 min
Response: 9830057
Conc: 82.08 ng/ml



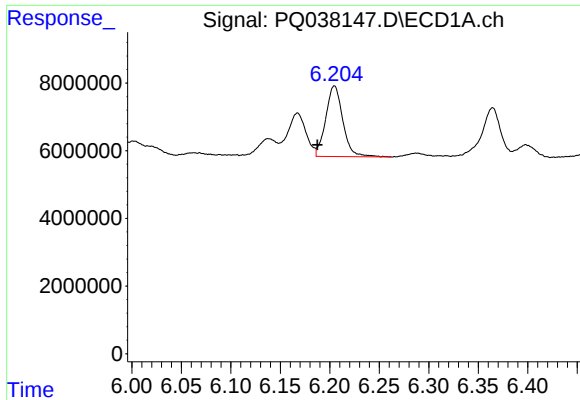
#23 AR-1248-3

R.T.: 5.773 min
Delta R.T.: -0.018 min
Response: 28860391
Conc: 117.47 ng/ml



#23 AR-1248-3

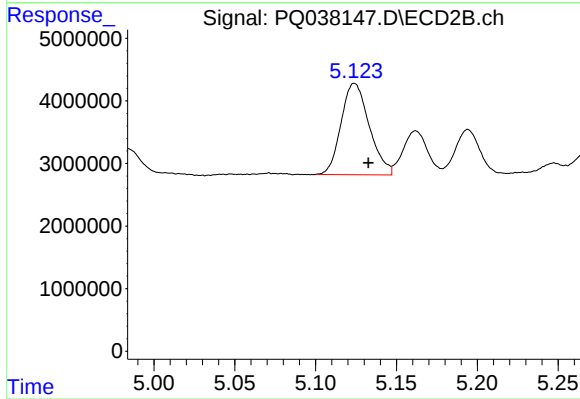
R.T.: 4.952 min
Delta R.T.: -0.011 min
Response: 10692147
Conc: 88.10 ng/ml



#24 AR-1248-4

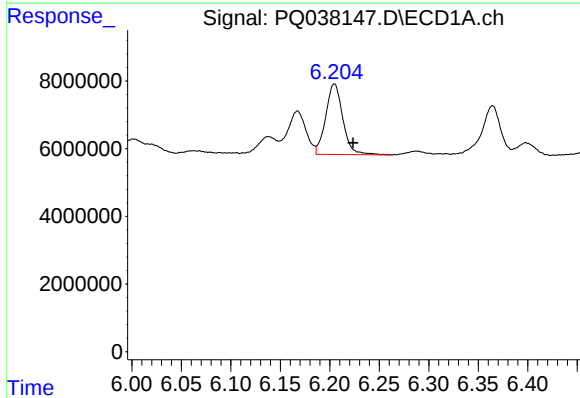
R.T.: 6.205 min
Delta R.T.: 0.017 min
Response: 25135676
Conc: 89.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



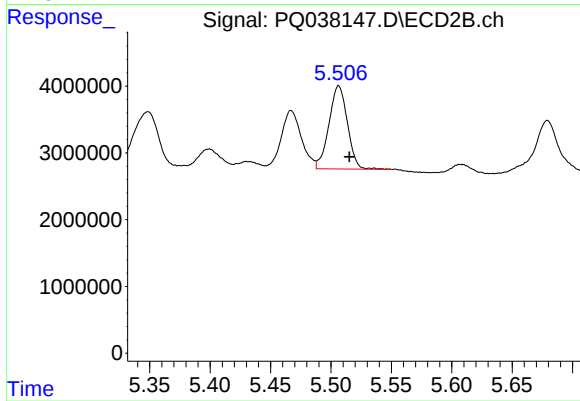
#24 AR-1248-4

R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 17716853
Conc: 119.15 ng/ml



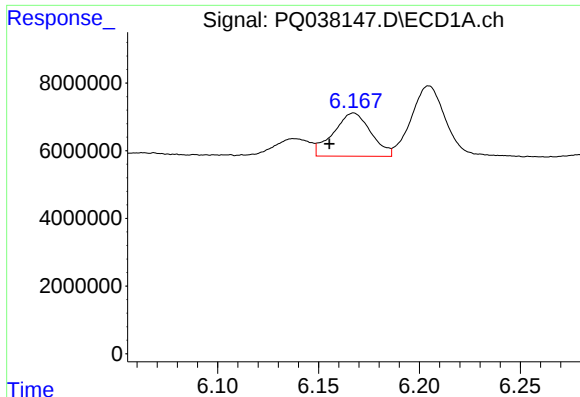
#25 AR-1248-5

R.T.: 6.205 min
Delta R.T.: -0.019 min
Response: 25135676
Conc: 94.82 ng/ml



#25 AR-1248-5

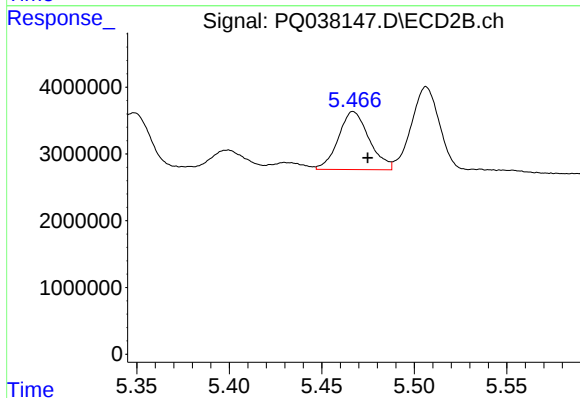
R.T.: 5.506 min
Delta R.T.: -0.009 min
Response: 13265494
Conc: 91.20 ng/ml



#26 AR-1254-1

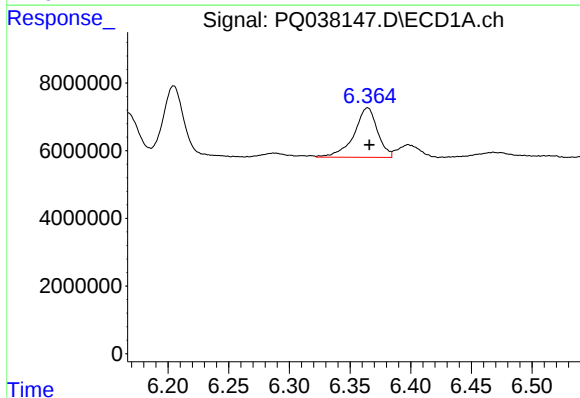
R.T.: 6.167 min
Delta R.T.: 0.012 min
Response: 16601983
Conc: 84.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



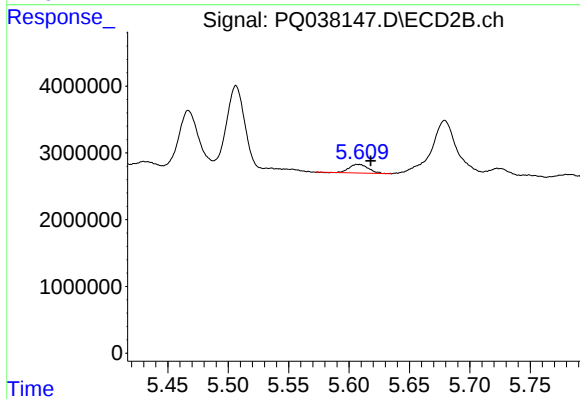
#26 AR-1254-1

R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 10078734
Conc: 65.43 ng/ml



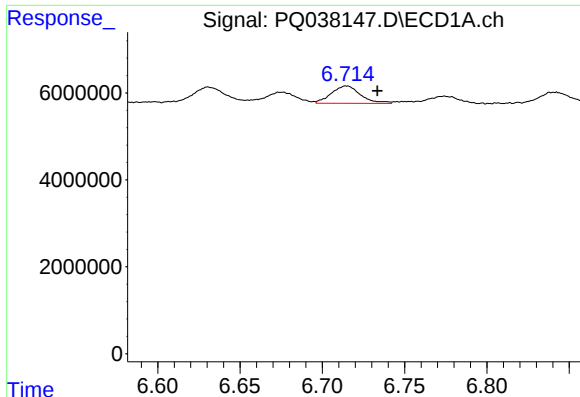
#27 AR-1254-2

R.T.: 6.365 min
Delta R.T.: -0.001 min
Response: 19796810
Conc: 64.59 ng/ml



#27 AR-1254-2

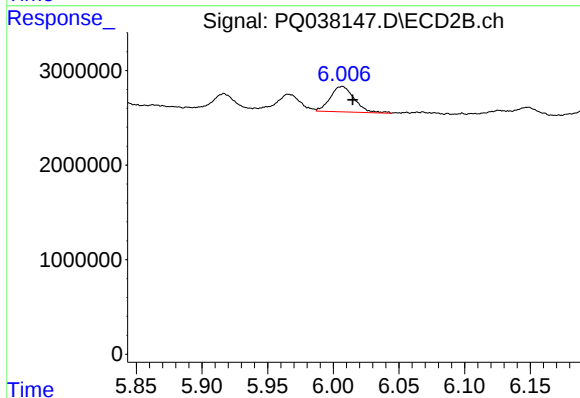
R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 1451366
Conc: 11.19 ng/ml



#28 AR-1254-3

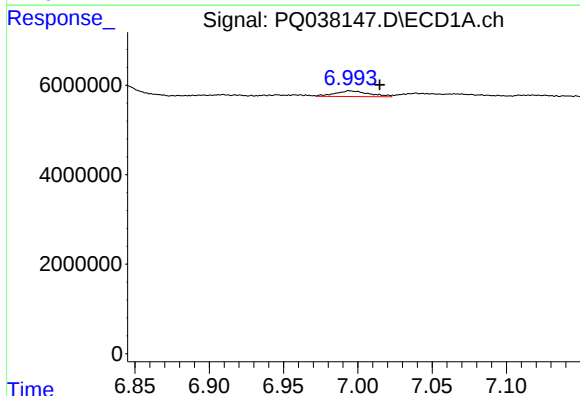
R.T.: 6.715 min
Delta R.T.: -0.019 min
Response: 4922461
Conc: 15.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



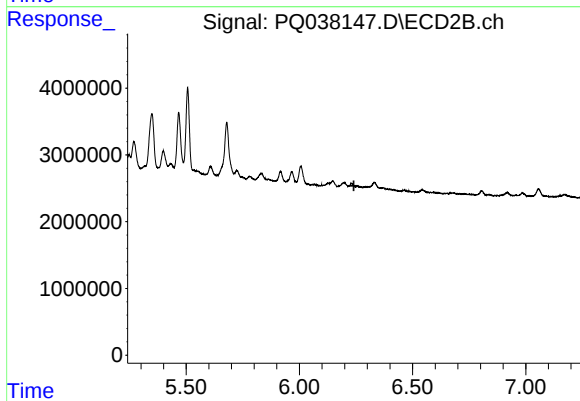
#28 AR-1254-3

R.T.: 6.007 min
Delta R.T.: -0.008 min
Response: 3428371
Conc: 16.21 ng/ml



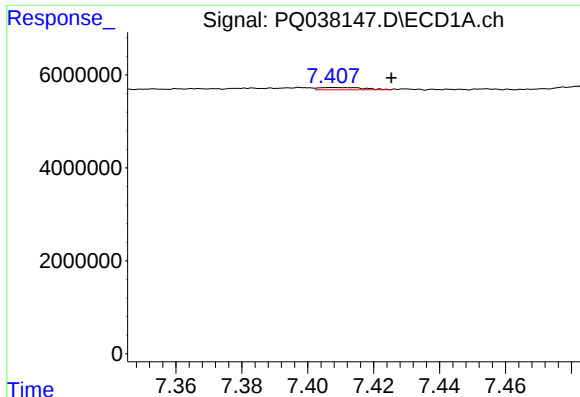
#29 AR-1254-4

R.T.: 6.995 min
Delta R.T.: -0.020 min
Response: 2039115
Conc: 8.03 ng/ml



#29 AR-1254-4

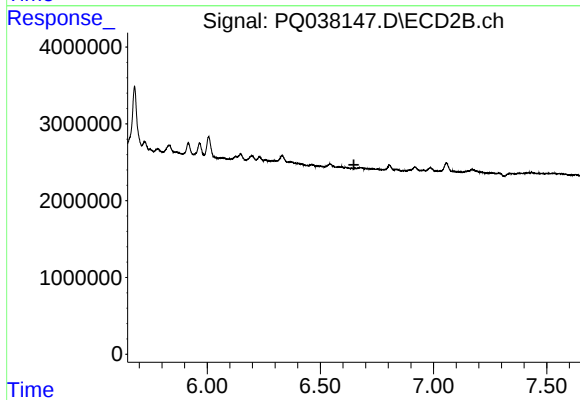
R.T.: 0.000 min
Exp R.T.: 6.241 min
Response: 0
Conc: N.D.



#30 AR-1254-5

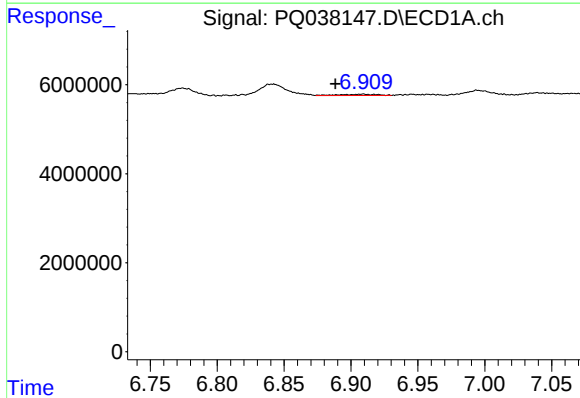
R.T.: 7.408 min
Delta R.T.: -0.018 min
Response: 480742
Conc: 1.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



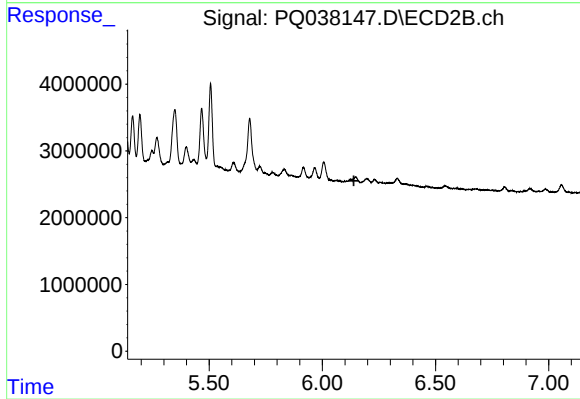
#30 AR-1254-5

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



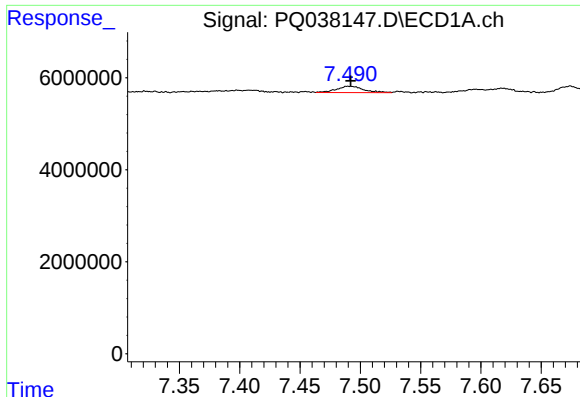
#31 AR-1260-1

R.T.: 6.909 min
Delta R.T.: 0.021 min
Response: 508026
Conc: 1.96 ng/ml



#31 AR-1260-1

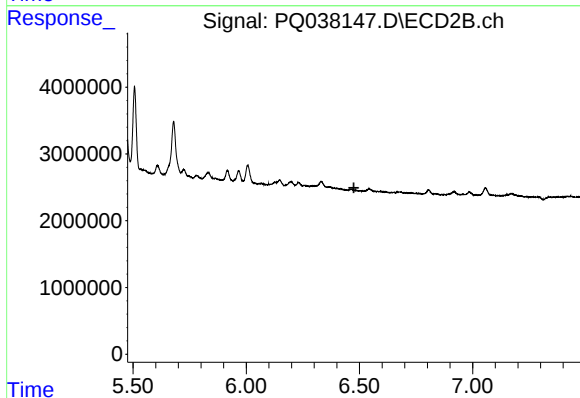
R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



#33 AR-1260-3

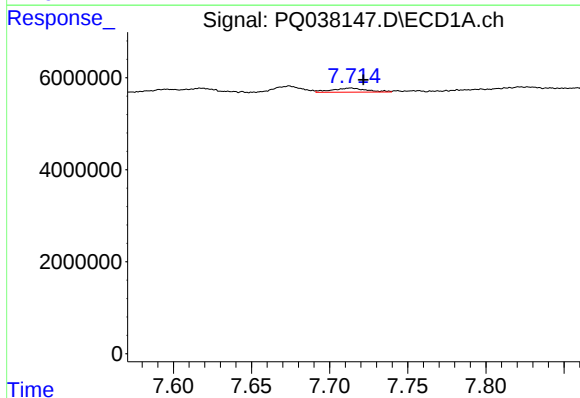
R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 2171751
Conc: 7.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



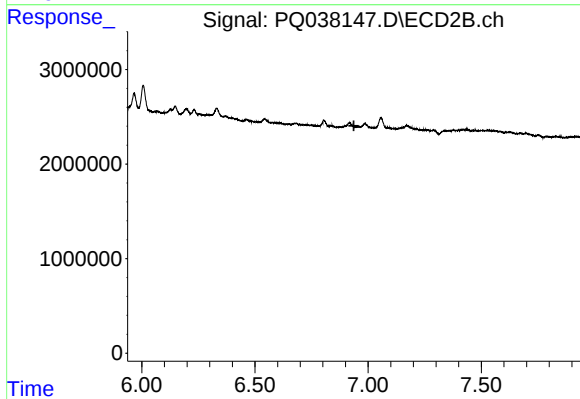
#33 AR-1260-3

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



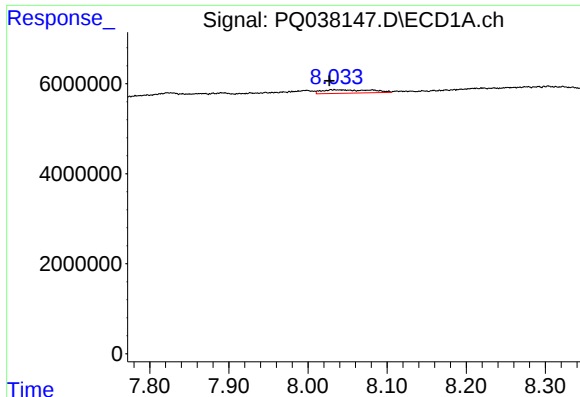
#34 AR-1260-4

R.T.: 7.714 min
Delta R.T.: -0.008 min
Response: 1370193
Conc: 5.09 ng/ml



#34 AR-1260-4

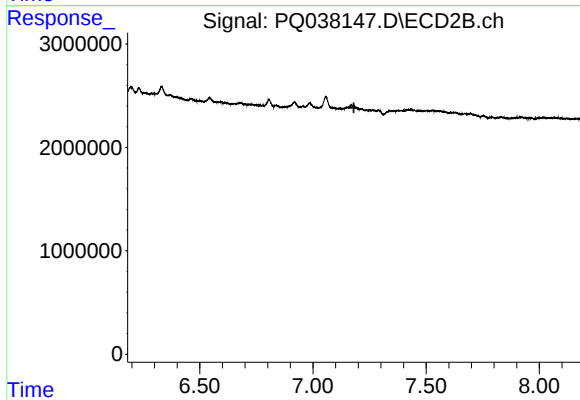
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

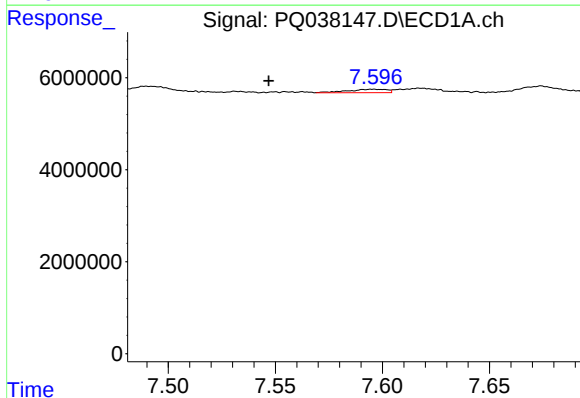
R.T.: 8.029 min
Delta R.T.: 0.002 min
Response: 3241682
Conc: 5.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



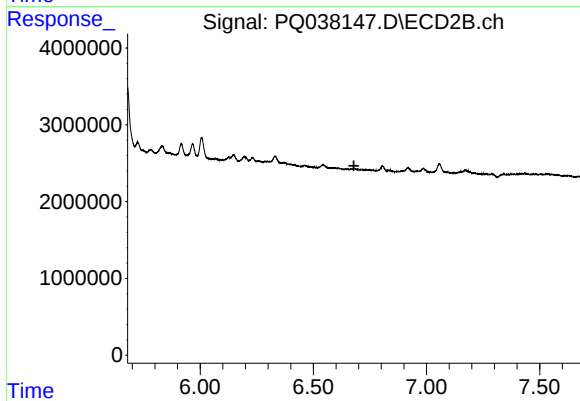
#35 AR-1260-5

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



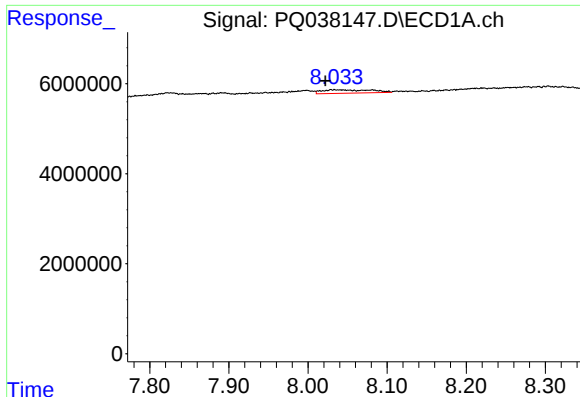
#36 AR-1262-1

R.T.: 7.596 min
Delta R.T.: 0.049 min
Response: 949528
Conc: 6.15 ng/ml



#36 AR-1262-1

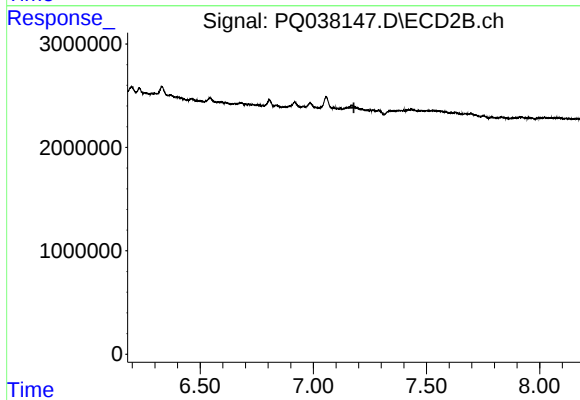
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

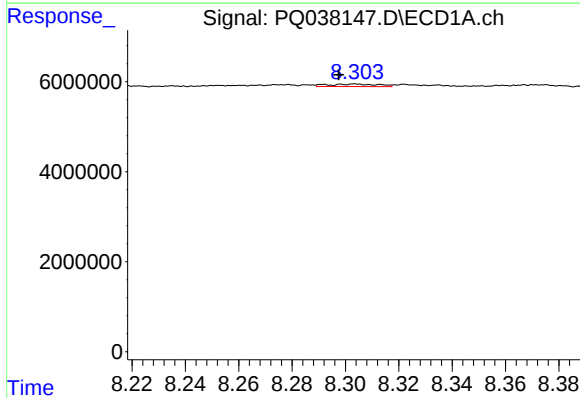
R.T.: 8.029 min
Delta R.T.: 0.007 min
Response: 3241682
Conc: 4.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



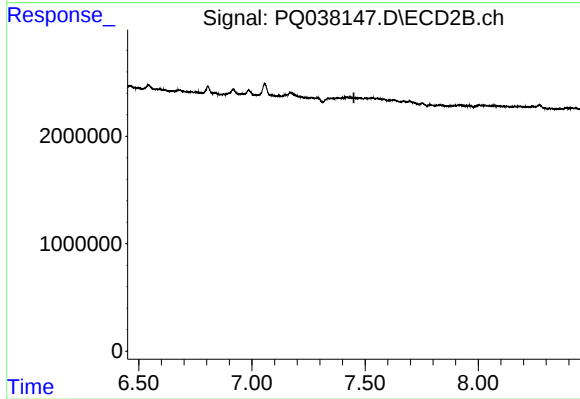
#37 AR-1262-2

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



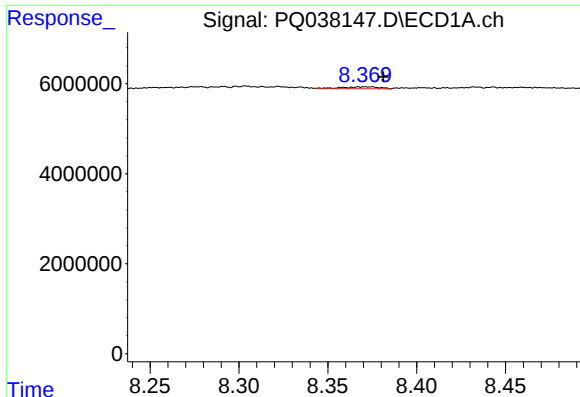
#38 AR-1262-3

R.T.: 8.291 min
Delta R.T.: -0.006 min
Response: 731311
Conc: 2.44 ng/ml



#38 AR-1262-3

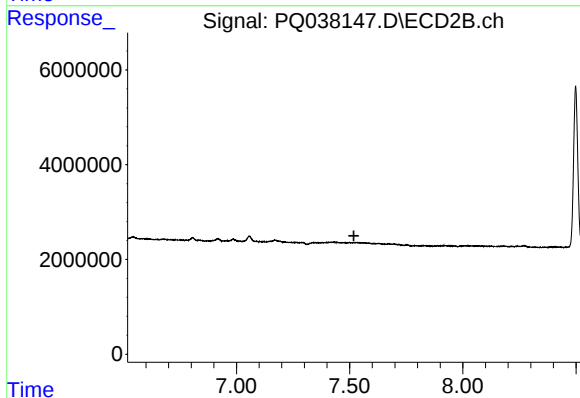
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

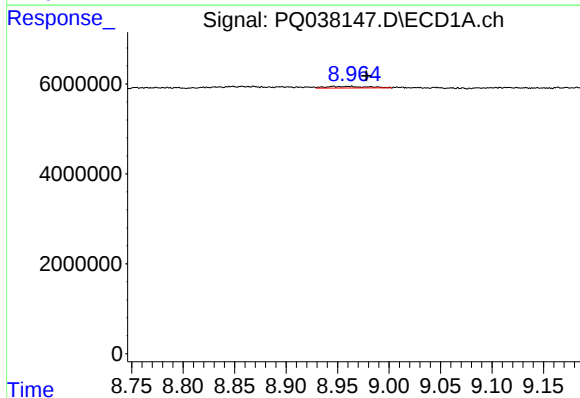
R.T.: 8.374 min
Delta R.T.: -0.008 min
Response: 643062
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



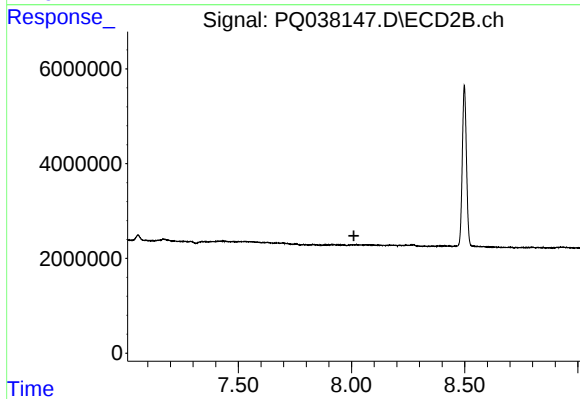
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



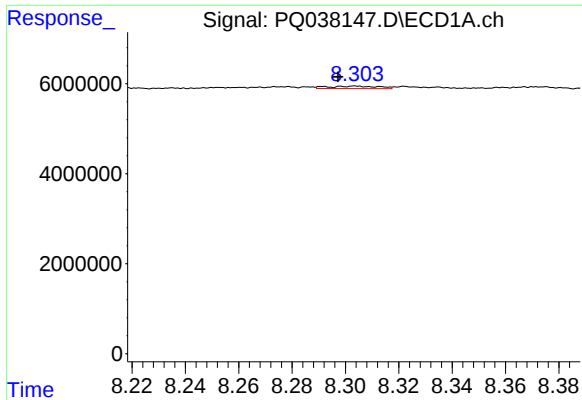
#40 AR-1262-5

R.T.: 8.946 min
Delta R.T.: -0.032 min
Response: 1008956
Conc: 4.22 ng/ml



#40 AR-1262-5

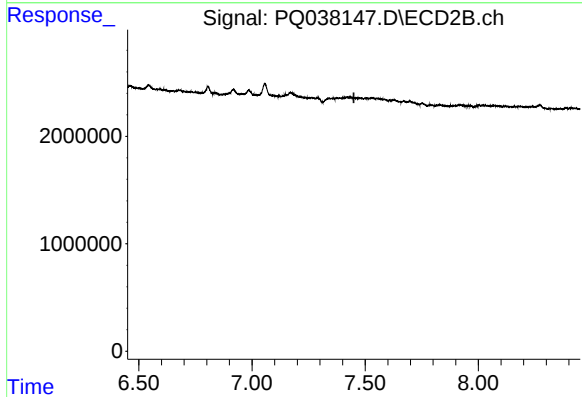
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

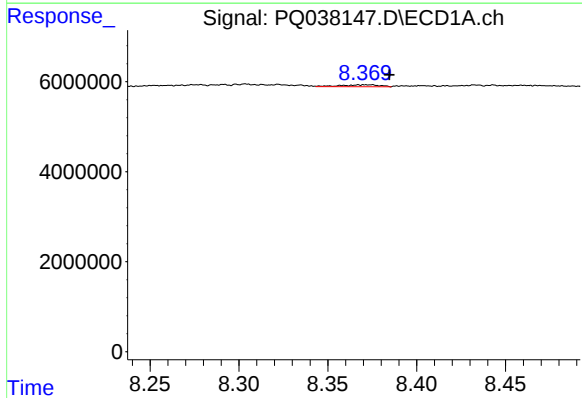
R.T.: 8.291 min
Delta R.T.: -0.006 min
Response: 731311
Conc: 0.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



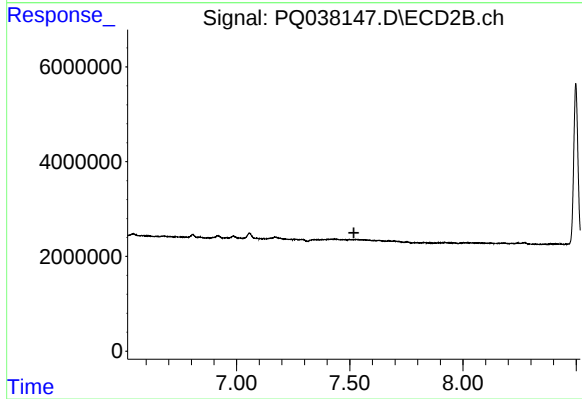
#41 AR-1268-1

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



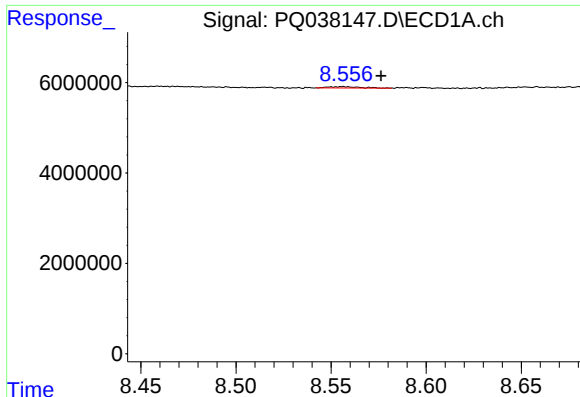
#42 AR-1268-2

R.T.: 8.374 min
Delta R.T.: -0.011 min
Response: 643062
Conc: 0.86 ng/ml



#42 AR-1268-2

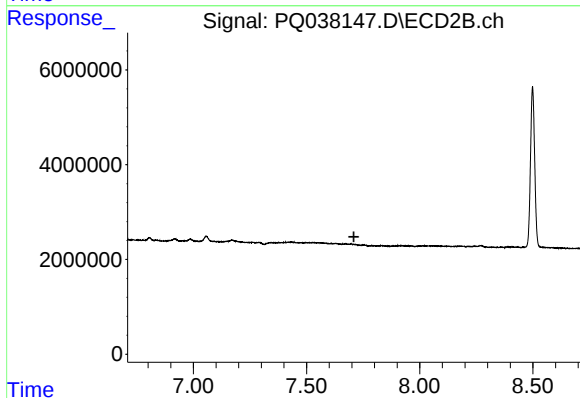
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

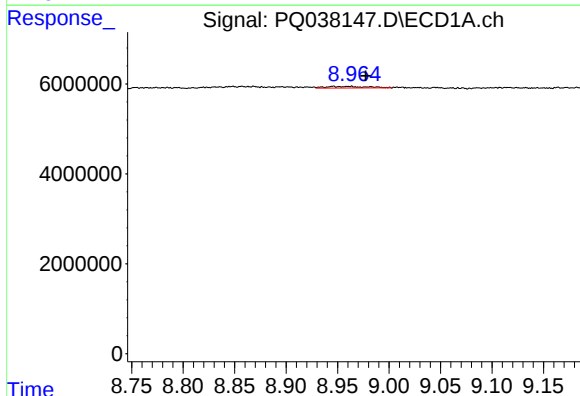
R.T.: 8.557 min
Delta R.T.: -0.020 min
Response: 336600
Conc: 0.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



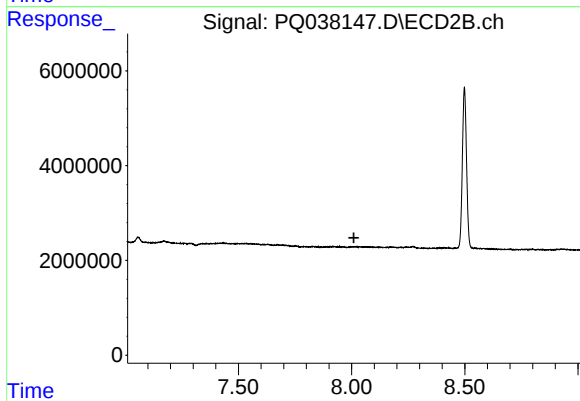
#43 AR-1268-3

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



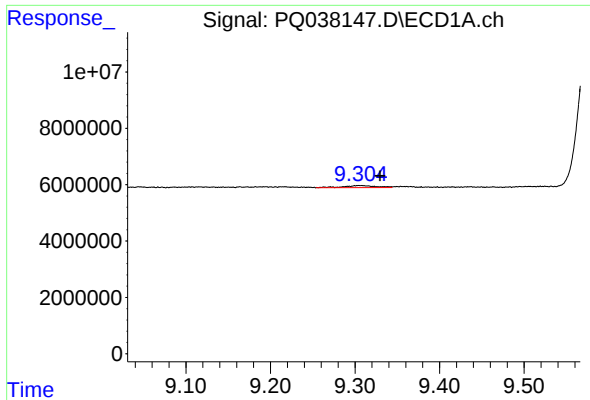
#44 AR-1268-4

R.T.: 8.946 min
Delta R.T.: -0.031 min
Response: 1008956
Conc: 3.90 ng/ml



#44 AR-1268-4

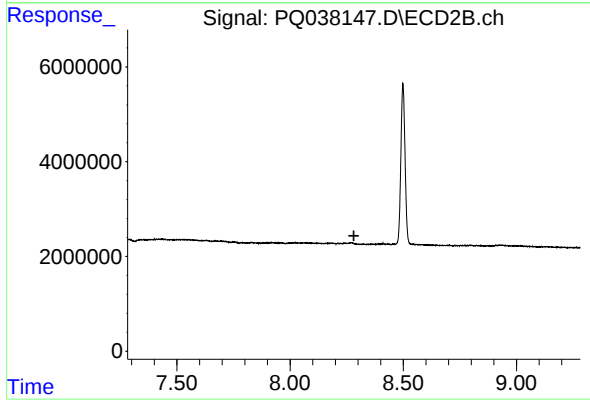
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.306 min
Delta R.T.: -0.024 min
Response: 1830728
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BP-FW-MW03-20190310



#45 AR-1268-5

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