

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 12:46
 Operator : SM\SJ
 Sample : K1935-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 14:46:46 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...	4.184	3.638	92642247	44835453	15.922	14.517
2)	SA Decachlor...	9.600	8.510	69684815	25779872	14.454	11.515
Target Compounds							
3)	L1 AR-1016-1	5.377	0.000	2254490	0	11.202	N.D. #
4)	L1 AR-1016-2	5.377	0.000	2254490	0	7.184	N.D. #
5)	L1 AR-1016-3	5.428	0.000	1615965	0	8.873	N.D. #
6)	L1 AR-1016-4	5.511	0.000	5907651	0	39.491	N.D. #
9)	L2 AR-1221-2	4.483	0.000	2372836	0	51.294	N.D. #
10)	L2 AR-1221-3	4.570	0.000	1246774	0	8.157	N.D. #
11)	L3 AR-1232-1	4.570	0.000	1246774	0	10.018	N.D. #
12)	L3 AR-1232-2	5.064	0.000	1034960	0	17.576	N.D. #
13)	L3 AR-1232-3	5.377	0.000	2254490	0	18.255	N.D. #
14)	L3 AR-1232-4	5.511	0.000	5907651	0	101.430	N.D. #
15)	L3 AR-1232-5	5.578	0.000	2317021	0	54.200	N.D. #
16)	L4 AR-1242-1	5.377	0.000	2254490	0	13.720	N.D. #
17)	L4 AR-1242-2	5.377	0.000	2254490	0	8.835	N.D. #
18)	L4 AR-1242-3	5.428	0.000	1615965	0	10.957	N.D. #
19)	L4 AR-1242-4	5.511	0.000	5907651	0	48.262	N.D. #
20)	L4 AR-1242-5	6.200	0.000	2970228	0	21.738	N.D. #
21)	L5 AR-1248-1	5.377	0.000	2254490	0	14.235	N.D. #
22)	L5 AR-1248-2	5.578	0.000	2317021	0	10.586	N.D. #
24)	L5 AR-1248-4	6.200	0.000	2970228	0	10.619	N.D. #
25)	L5 AR-1248-5	6.200	0.000	2970228	0	11.204	N.D. #
26)	L6 AR-1254-1	6.156	0.000	2854298	0	14.529	N.D. #
27)	L6 AR-1254-2	6.404	0.000	3416982	0	11.149	N.D. #
28)	L6 AR-1254-3	6.738	0.000	7841033	0	25.179	N.D. #
29)	L6 AR-1254-4	6.992	0.000	750719	0	2.957	N.D. #
30)	L6 AR-1254-5	7.426	0.000	2337571	0	7.922	N.D. #
31)	L7 AR-1260-1	6.940	0.000	829092	0	3.202	N.D. #
32)	L7 AR-1260-2	7.107	0.000	3914697	0	11.357	N.D. #
33)	L7 AR-1260-3	7.488	0.000	1385659	0	4.886	N.D. #
34)	L7 AR-1260-4	7.720	0.000	3065110	0	11.385	N.D. #
35)	L7 AR-1260-5	8.028	0.000	3611305	0	5.732	N.D. #
36)	L8 AR-1262-1	7.554	0.000	7440766	0	48.180	N.D. #
37)	L8 AR-1262-2	8.028	0.000	3611305	0	5.148	N.D. #
38)	L8 AR-1262-3	8.287	0.000	503836	0	1.681	N.D. #
39)	L8 AR-1262-4	8.373	0.000	458806	0	1.323	N.D. #
40)	L8 AR-1262-5	8.970	0.000	103393	0	0.433	N.D. #
41)	L9 AR-1268-1	8.287	0.000	503836	0	0.612	N.D. #
42)	L9 AR-1268-2	8.373	0.000	458806	0	0.614	N.D. #
43)	L9 AR-1268-3	8.573	0.000	623293	0	0.950	N.D. #
44)	L9 AR-1268-4	8.970	0.000	103393	0	0.399	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
45) L9	AR-1268-5	9.331	0.000	2077872	0	1.064	N.D. #

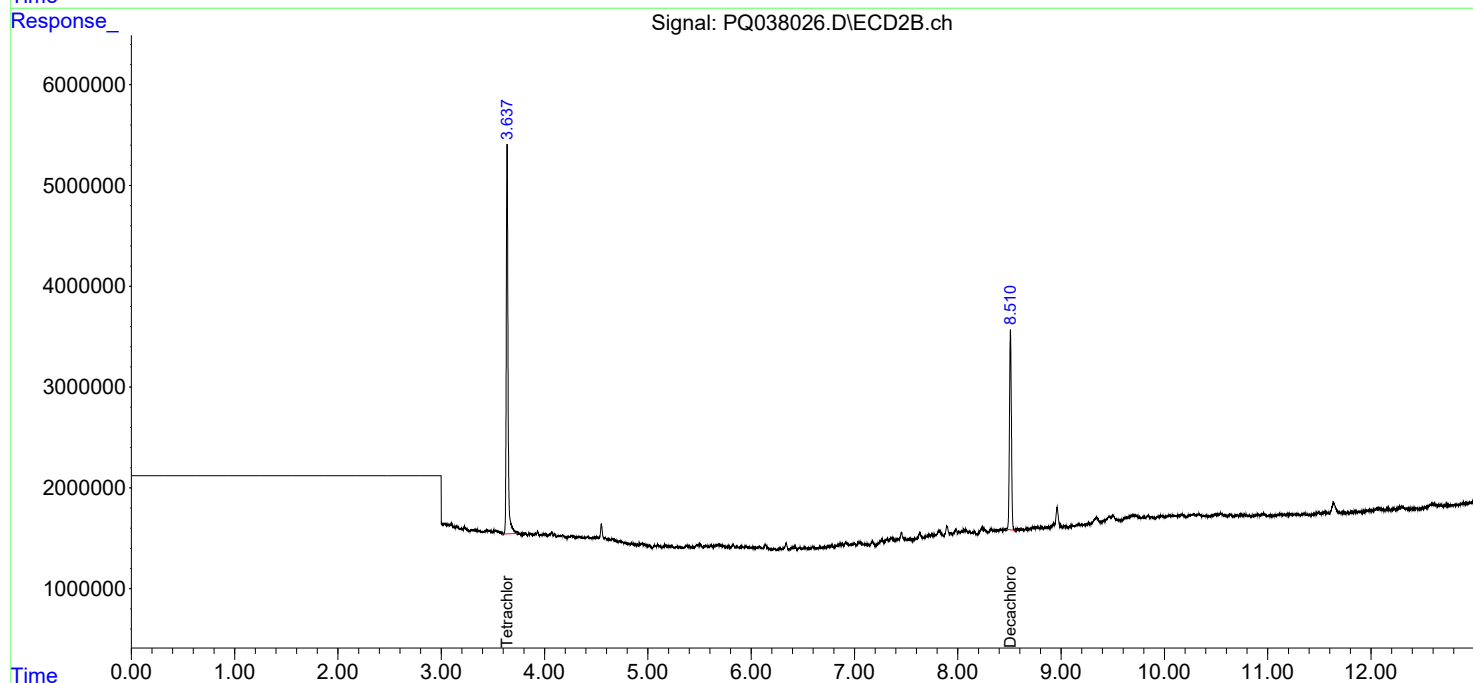
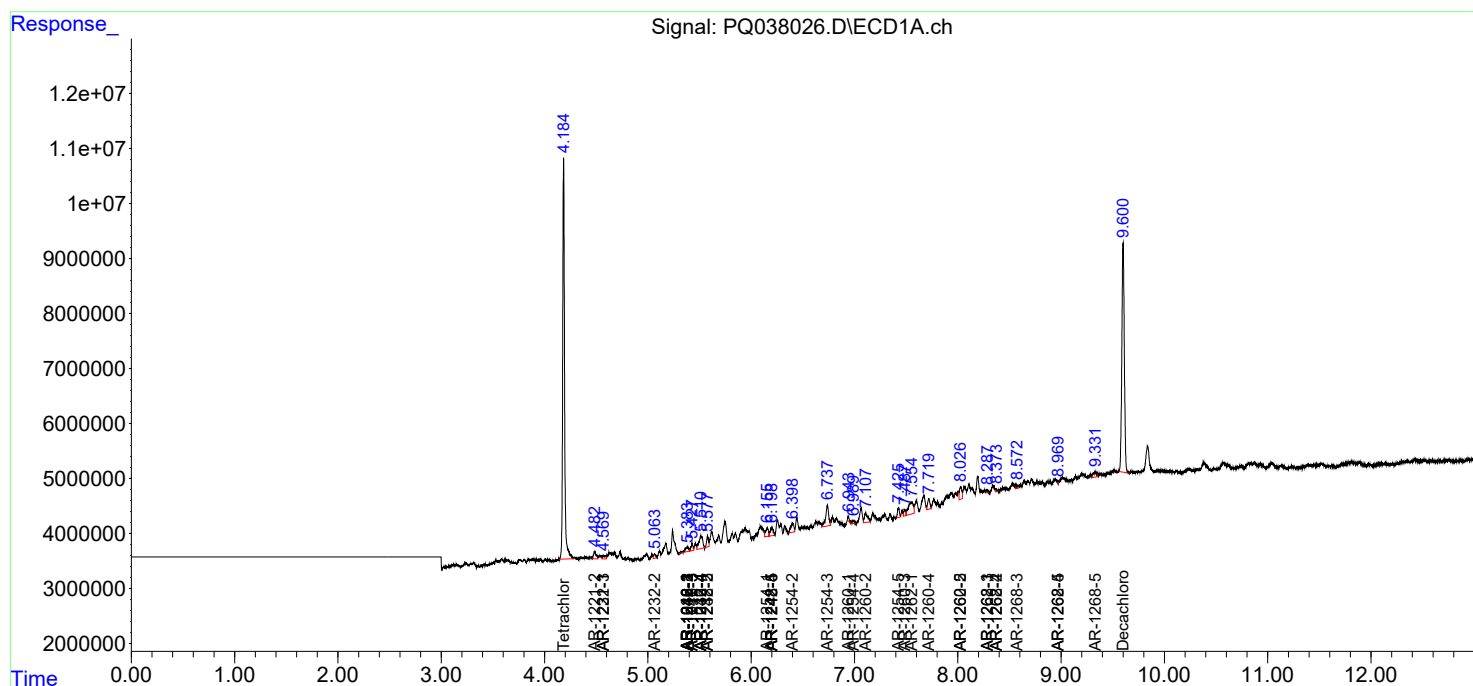
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

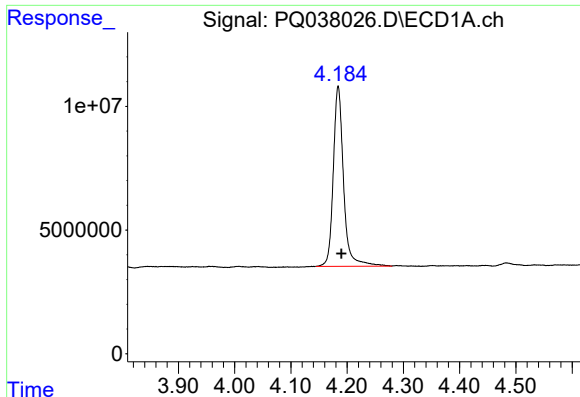
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

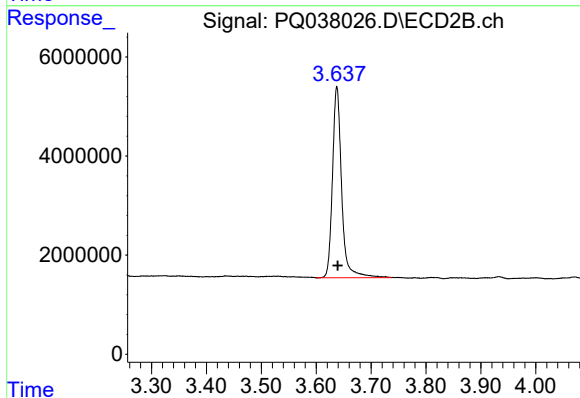




#1 Tetrachloro-m-xylene

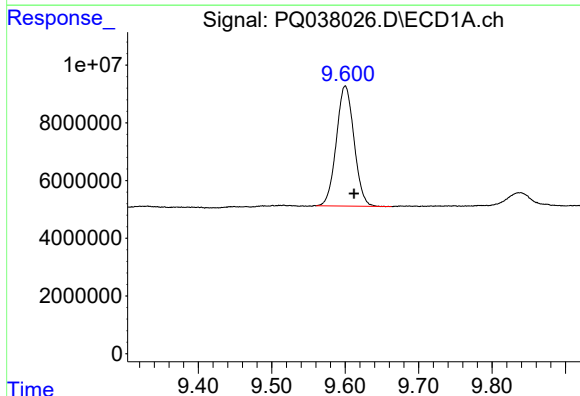
R.T.: 4.184 min
Delta R.T.: -0.006 min
Response: 92642247
Conc: 15.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



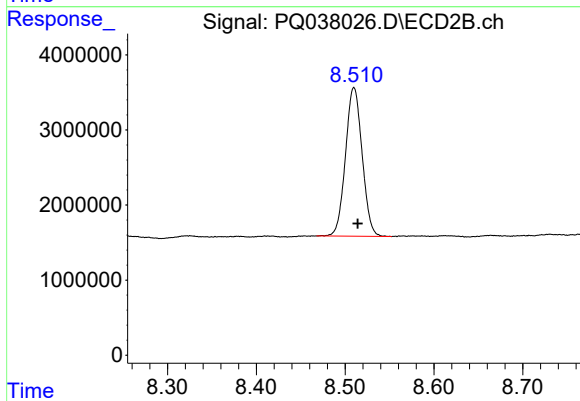
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: -0.001 min
Response: 44835453
Conc: 14.52 ng/ml



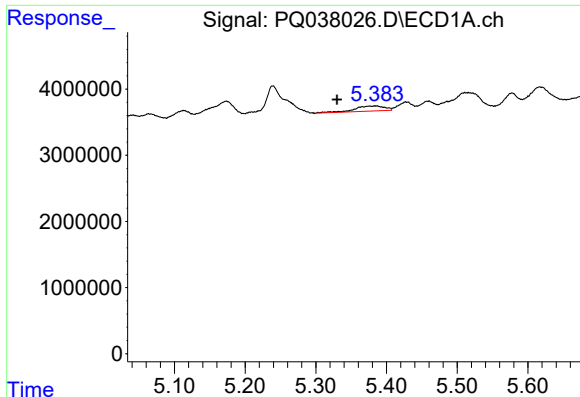
#2 Decachlorobiphenyl

R.T.: 9.600 min
Delta R.T.: -0.012 min
Response: 69684815
Conc: 14.45 ng/ml



#2 Decachlorobiphenyl

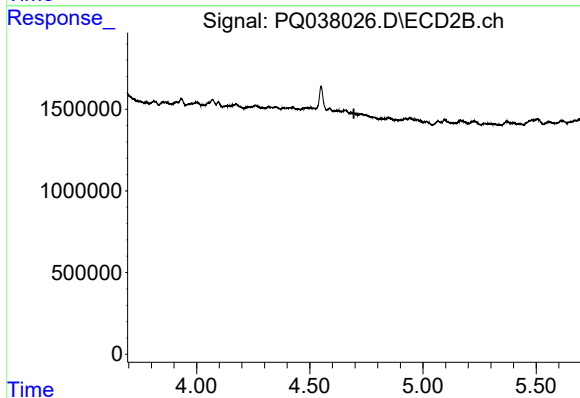
R.T.: 8.510 min
Delta R.T.: -0.004 min
Response: 25779872
Conc: 11.52 ng/ml



#3 AR-1016-1

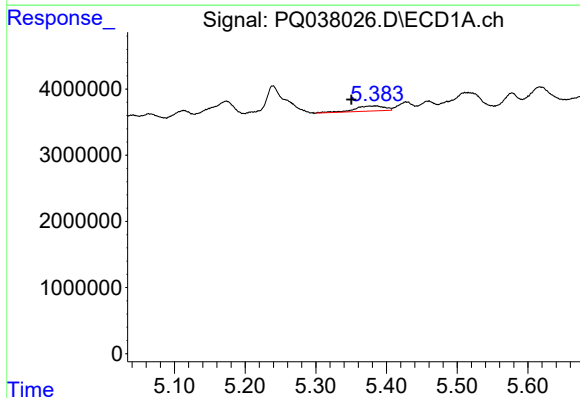
R.T.: 5.377 min
Delta R.T.: 0.047 min
Response: 2254490
Conc: 11.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



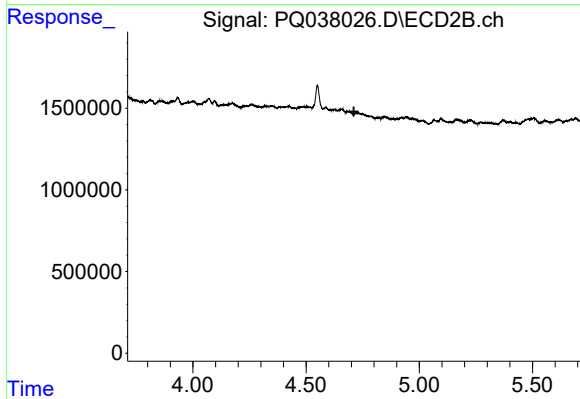
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.695 min
Response: 0
Conc: N.D.



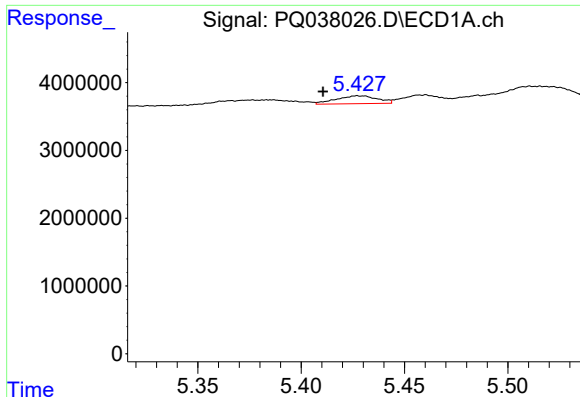
#4 AR-1016-2

R.T.: 5.377 min
Delta R.T.: 0.026 min
Response: 2254490
Conc: 7.18 ng/ml



#4 AR-1016-2

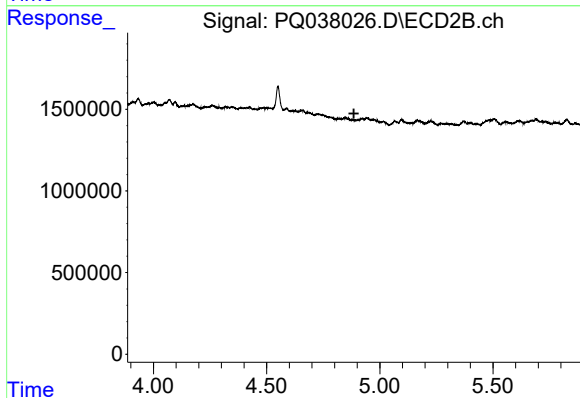
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

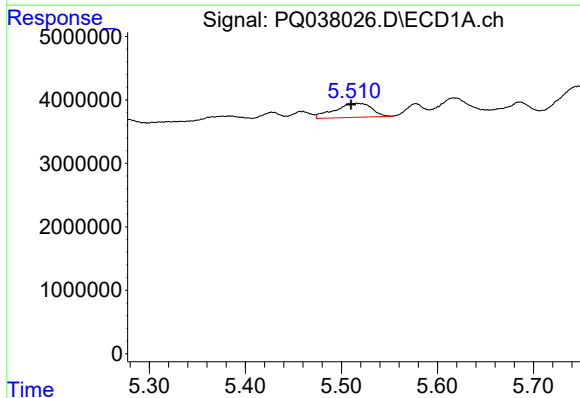
R.T.: 5.428 min
Delta R.T.: 0.017 min
Response: 1615965
Conc: 8.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



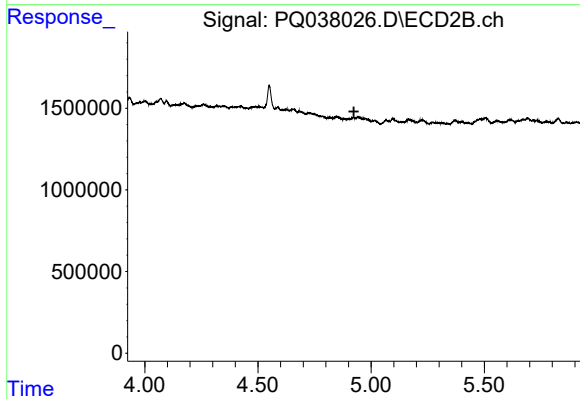
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.885 min
Response: 0
Conc: N.D.



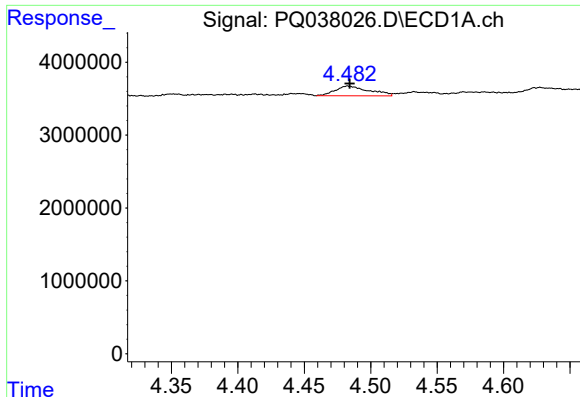
#6 AR-1016-4

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 5907651
Conc: 39.49 ng/ml



#6 AR-1016-4

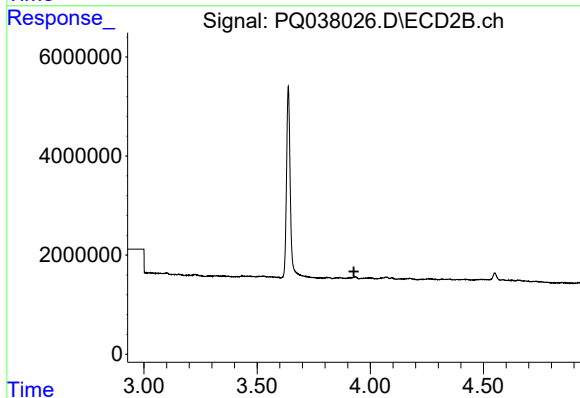
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#9 AR-1221-2

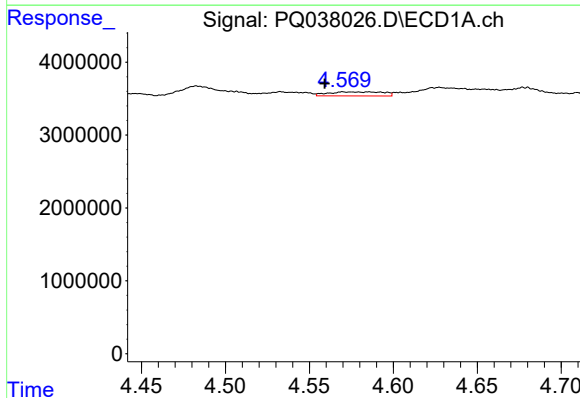
R.T.: 4.483 min
Delta R.T.: -0.001 min
Response: 2372836
Conc: 51.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



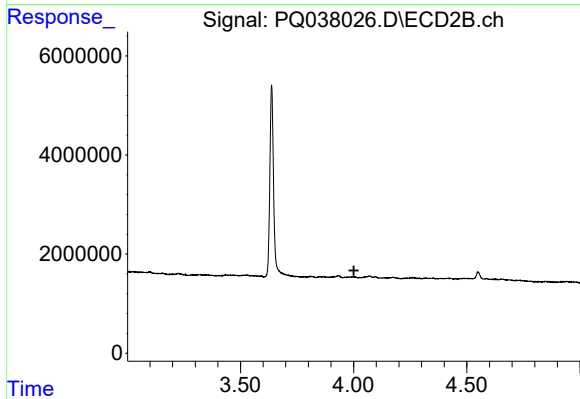
#9 AR-1221-2

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



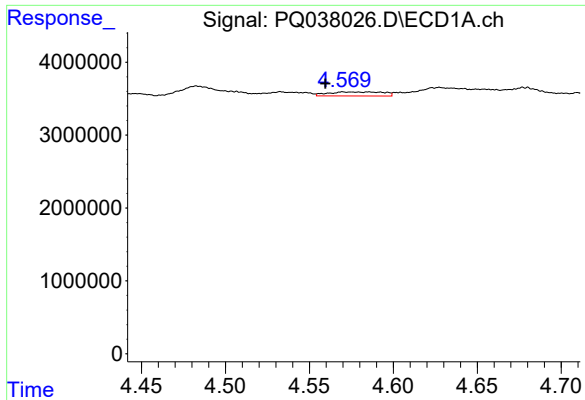
#10 AR-1221-3

R.T.: 4.570 min
Delta R.T.: 0.011 min
Response: 1246774
Conc: 8.16 ng/ml



#10 AR-1221-3

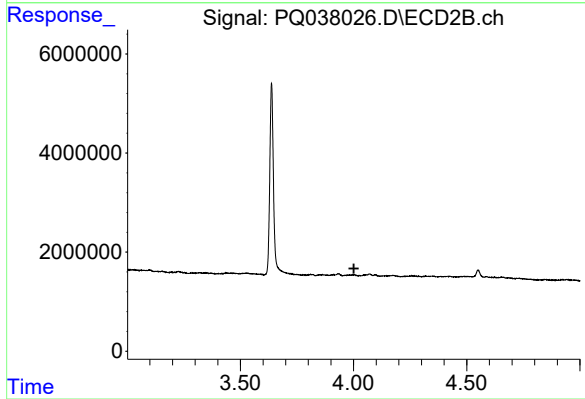
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

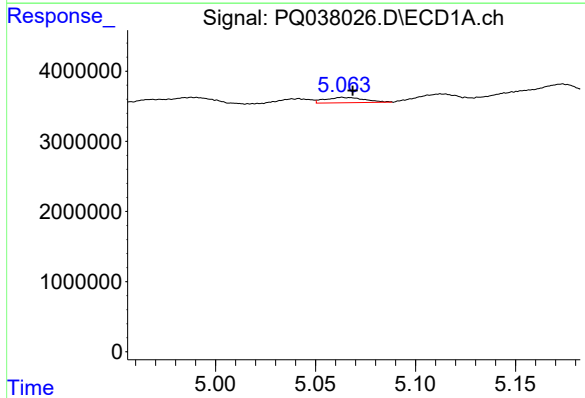
R.T.: 4.570 min
Delta R.T.: 0.011 min
Response: 1246774
Conc: 10.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



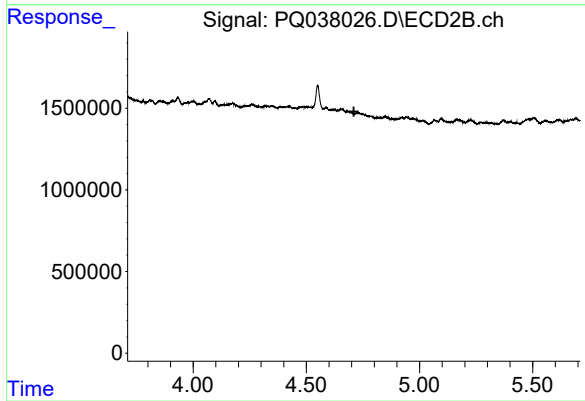
#11 AR-1232-1

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



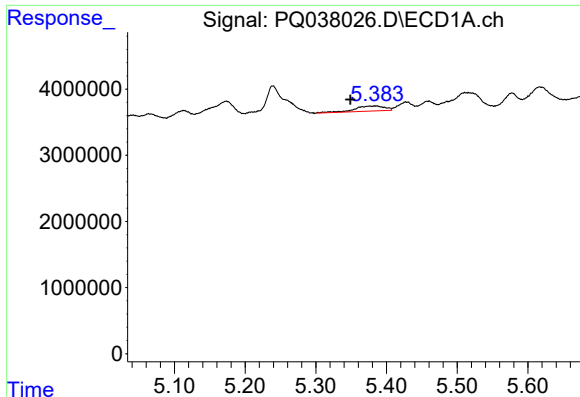
#12 AR-1232-2

R.T.: 5.064 min
Delta R.T.: -0.005 min
Response: 1034960
Conc: 17.58 ng/ml



#12 AR-1232-2

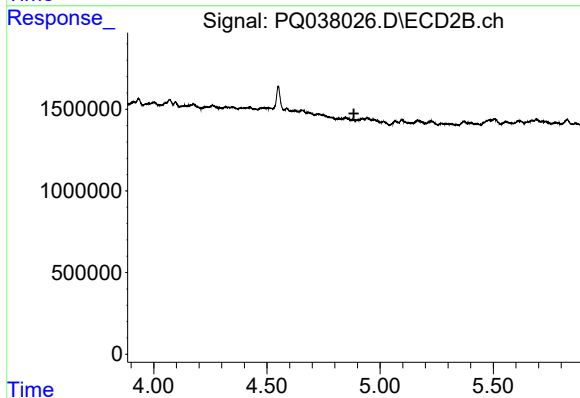
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

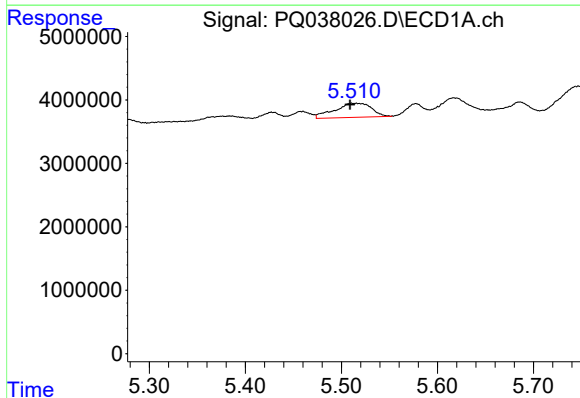
R.T.: 5.377 min
Delta R.T.: 0.028 min
Response: 2254490
Conc: 18.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



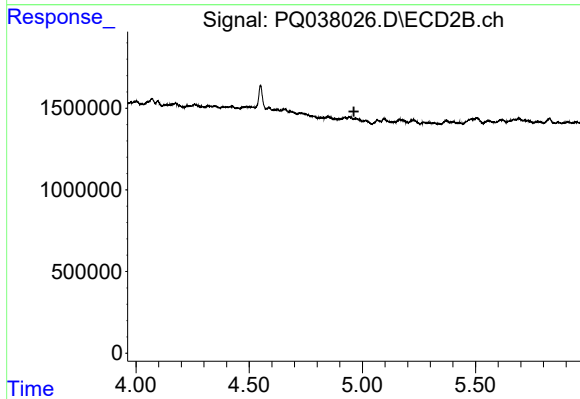
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



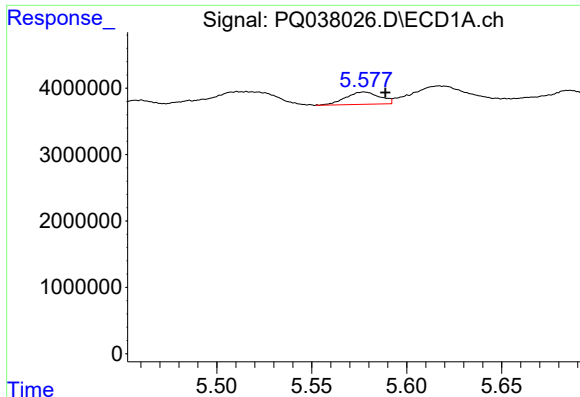
#14 AR-1232-4

R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 5907651
Conc: 101.43 ng/ml



#14 AR-1232-4

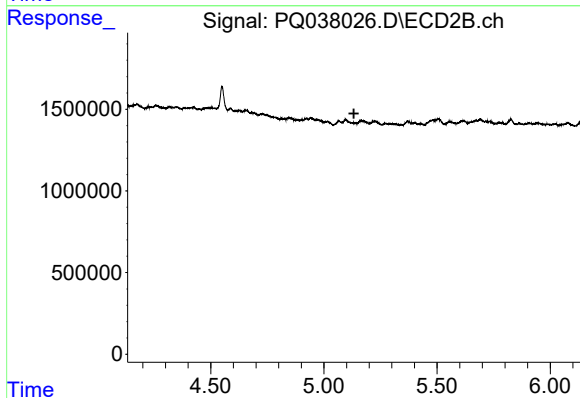
R.T.: 0.000 min
Exp R.T. : 4.962 min
Response: 0
Conc: N.D.



#15 AR-1232-5

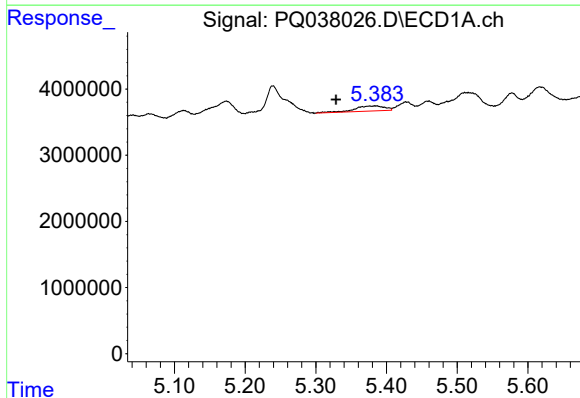
R.T.: 5.578 min
Delta R.T.: -0.011 min
Response: 2317021
Conc: 54.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



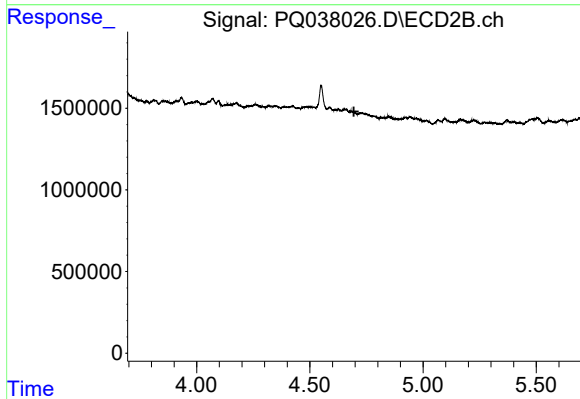
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



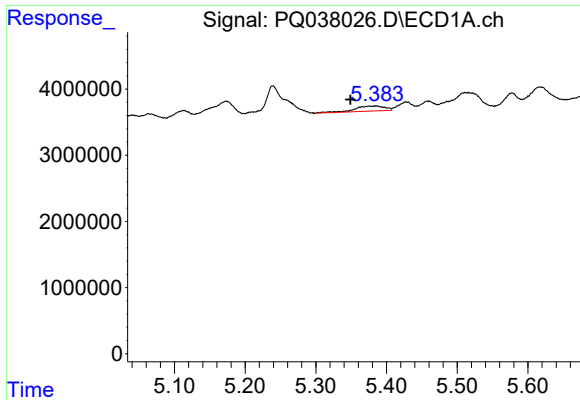
#16 AR-1242-1

R.T.: 5.377 min
Delta R.T.: 0.048 min
Response: 2254490
Conc: 13.72 ng/ml



#16 AR-1242-1

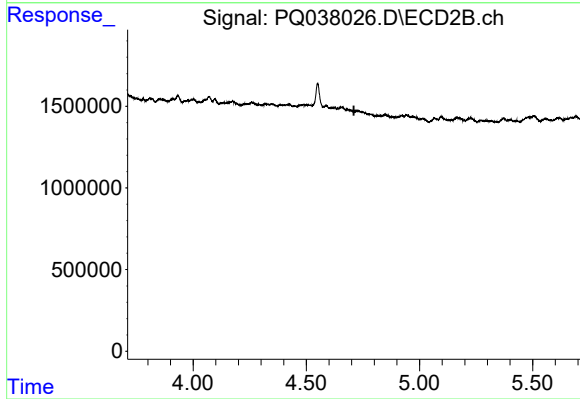
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#17 AR-1242-2

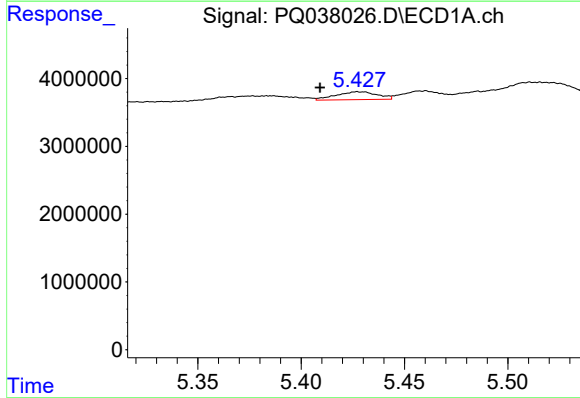
R.T.: 5.377 min
Delta R.T.: 0.028 min
Response: 2254490
Conc: 8.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



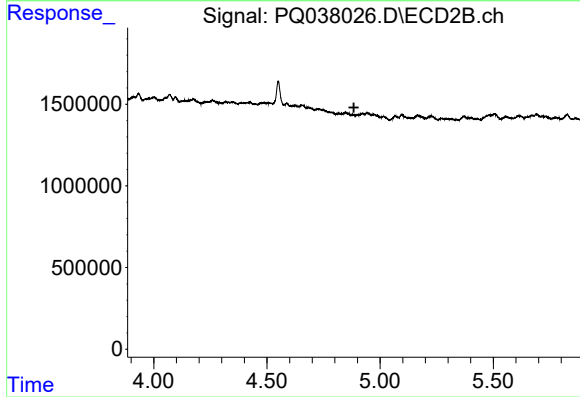
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



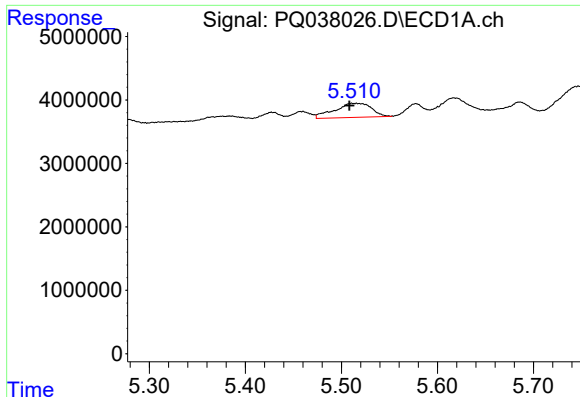
#18 AR-1242-3

R.T.: 5.428 min
Delta R.T.: 0.019 min
Response: 1615965
Conc: 10.96 ng/ml



#18 AR-1242-3

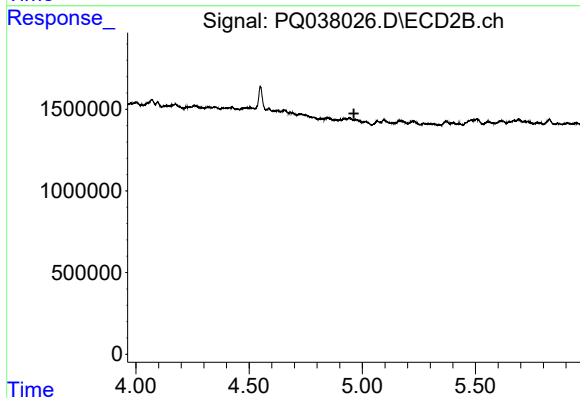
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#19 AR-1242-4

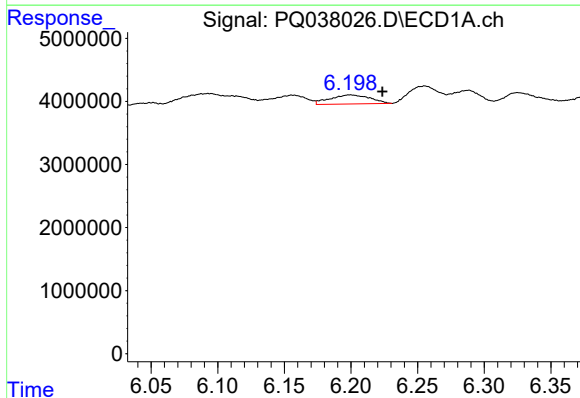
R.T.: 5.511 min
Delta R.T.: 0.003 min
Response: 5907651
Conc: 48.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



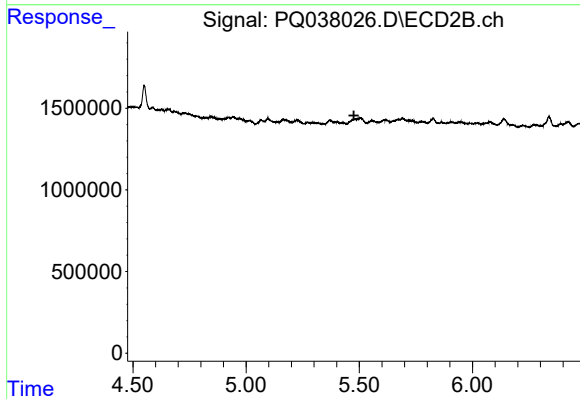
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



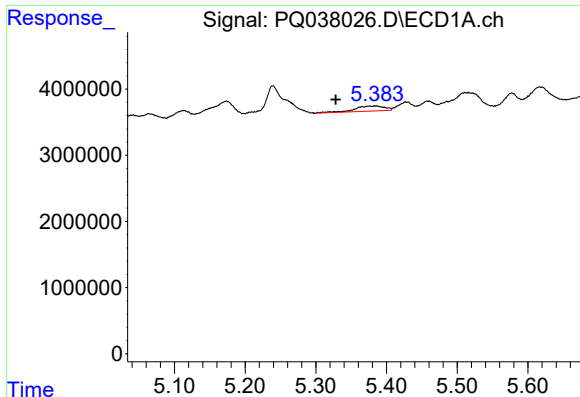
#20 AR-1242-5

R.T.: 6.200 min
Delta R.T.: -0.024 min
Response: 2970228
Conc: 21.74 ng/ml



#20 AR-1242-5

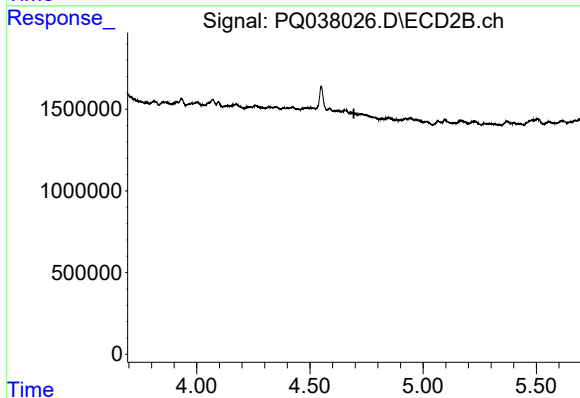
R.T.: 0.000 min
Exp R.T. : 5.476 min
Response: 0
Conc: N.D.



#21 AR-1248-1

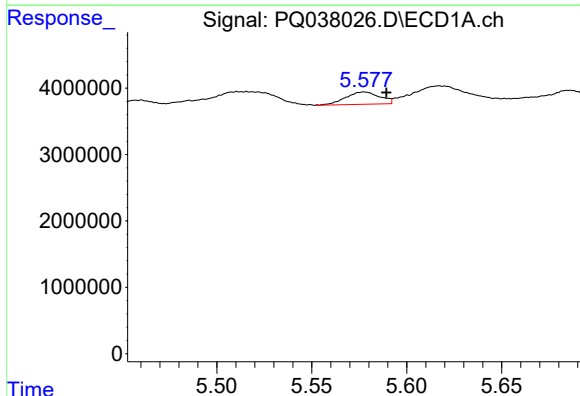
R.T.: 5.377 min
Delta R.T.: 0.048 min
Response: 2254490
Conc: 14.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



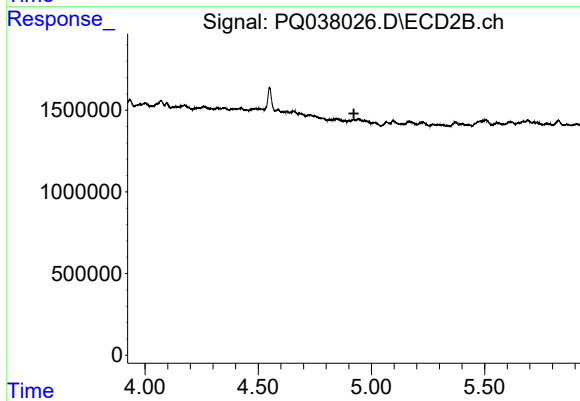
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



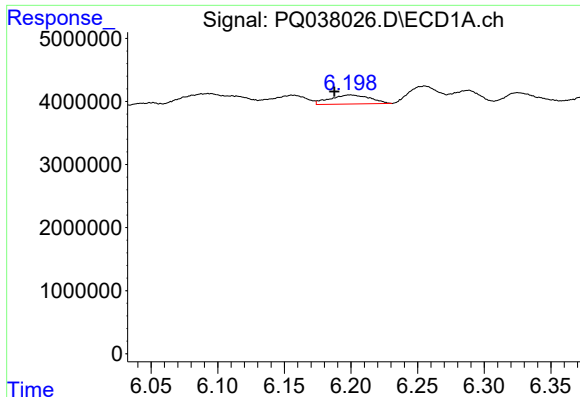
#22 AR-1248-2

R.T.: 5.578 min
Delta R.T.: -0.012 min
Response: 2317021
Conc: 10.59 ng/ml



#22 AR-1248-2

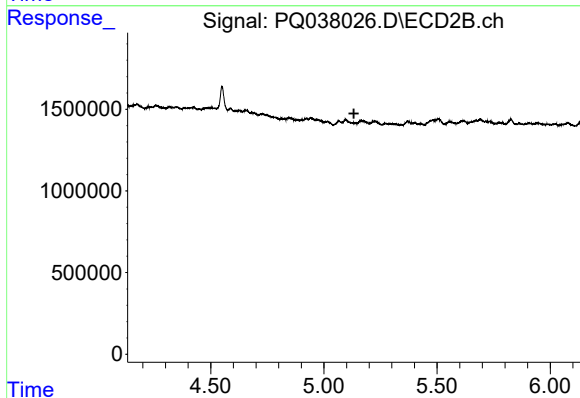
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#24 AR-1248-4

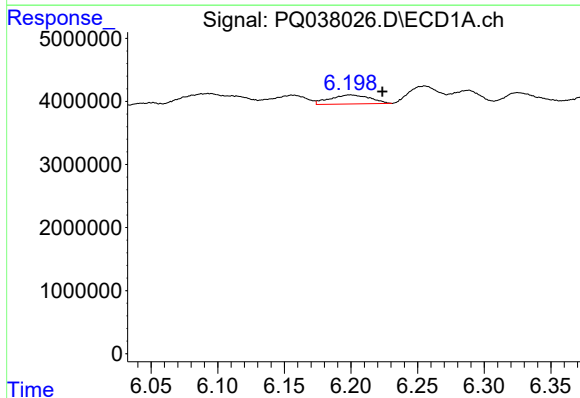
R.T.: 6.200 min
Delta R.T.: 0.012 min
Response: 2970228
Conc: 10.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



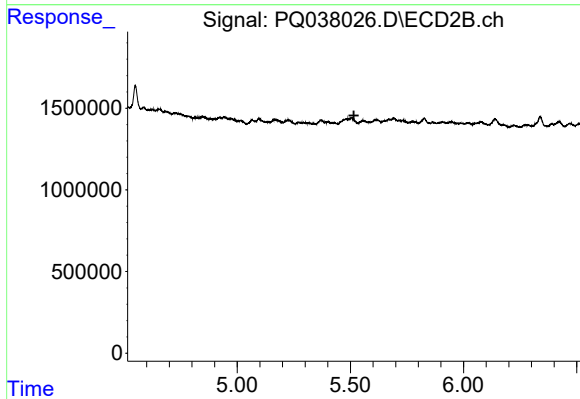
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



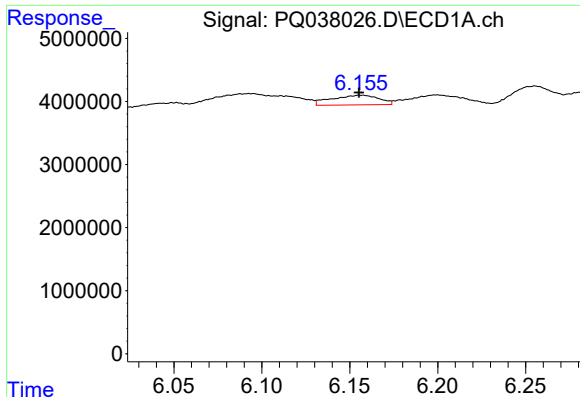
#25 AR-1248-5

R.T.: 6.200 min
Delta R.T.: -0.024 min
Response: 2970228
Conc: 11.20 ng/ml



#25 AR-1248-5

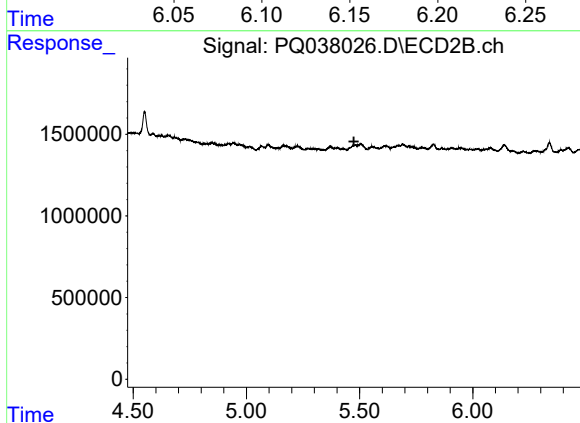
R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



#26 AR-1254-1

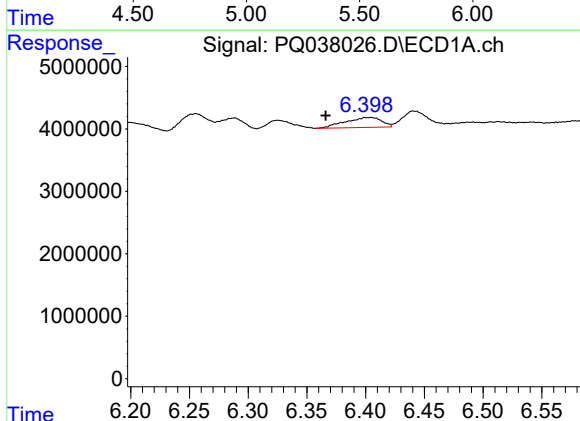
R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 2854298
Conc: 14.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



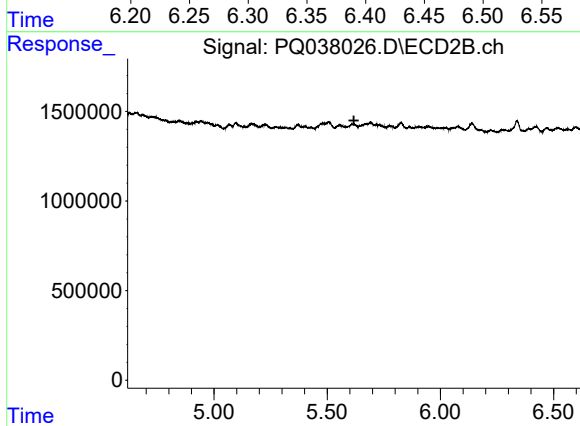
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



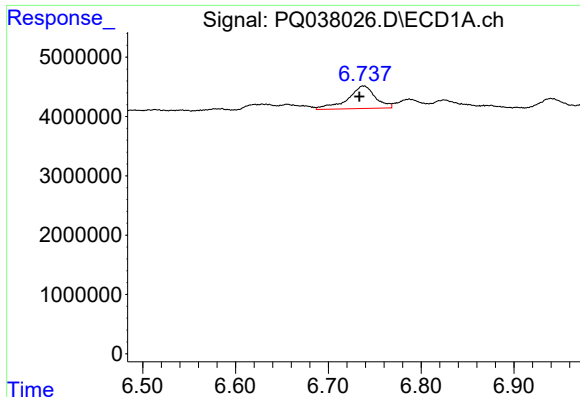
#27 AR-1254-2

R.T.: 6.404 min
Delta R.T.: 0.038 min
Response: 3416982
Conc: 11.15 ng/ml



#27 AR-1254-2

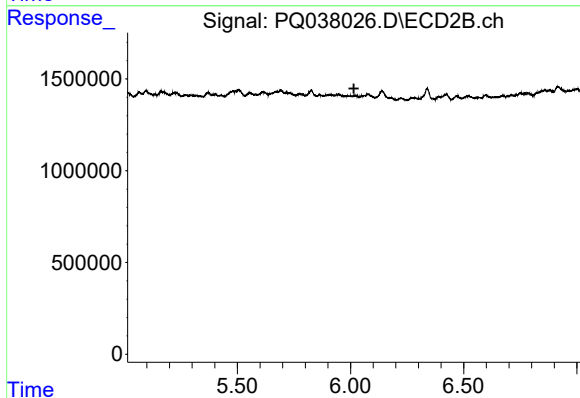
R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



#28 AR-1254-3

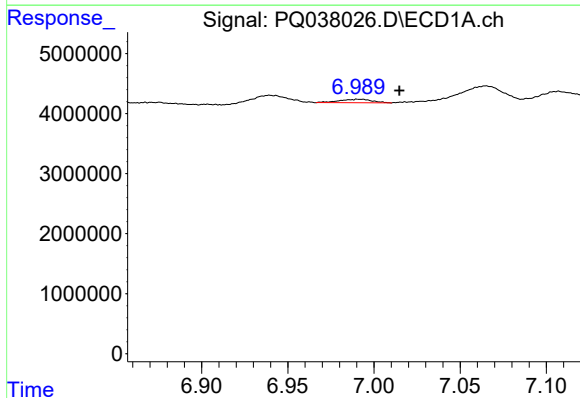
R.T.: 6.738 min
Delta R.T.: 0.004 min
Response: 7841033
Conc: 25.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



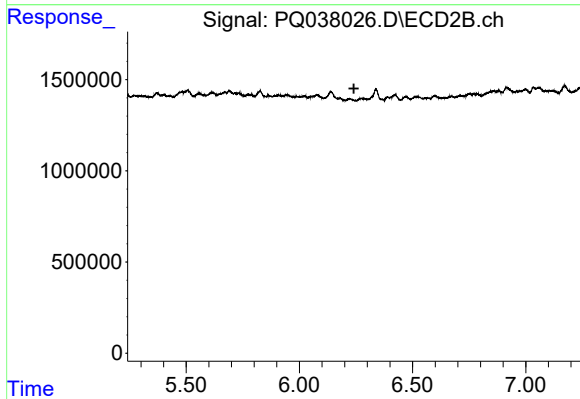
#28 AR-1254-3

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



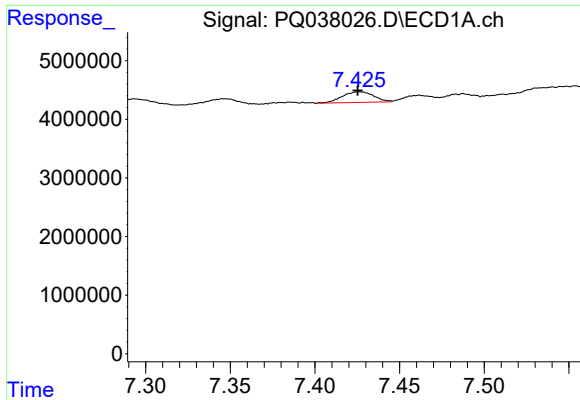
#29 AR-1254-4

R.T.: 6.992 min
Delta R.T.: -0.023 min
Response: 750719
Conc: 2.96 ng/ml



#29 AR-1254-4

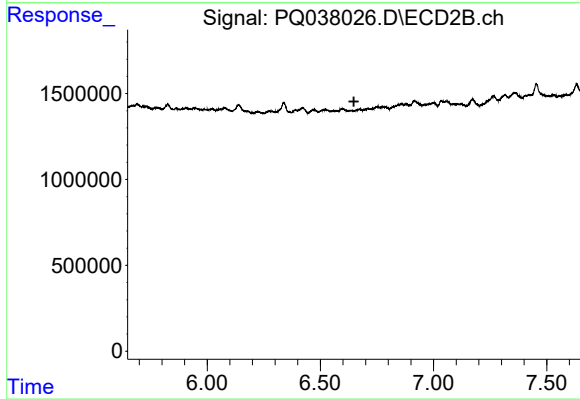
R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



#30 AR-1254-5

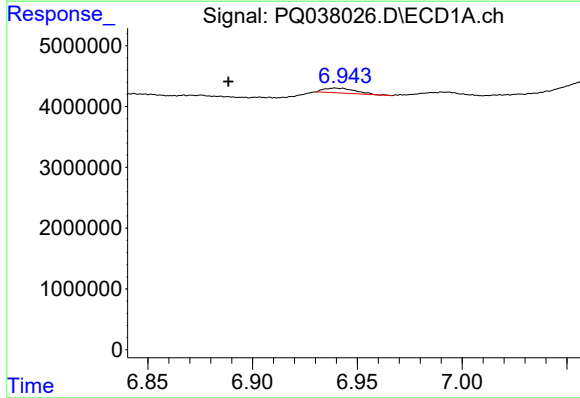
R.T.: 7.426 min
Delta R.T.: 0.001 min
Response: 2337571
Conc: 7.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



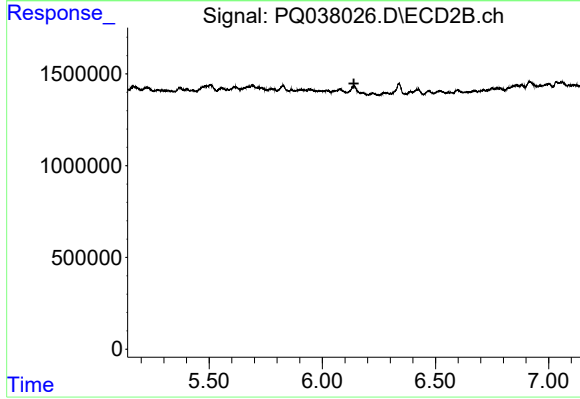
#30 AR-1254-5

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



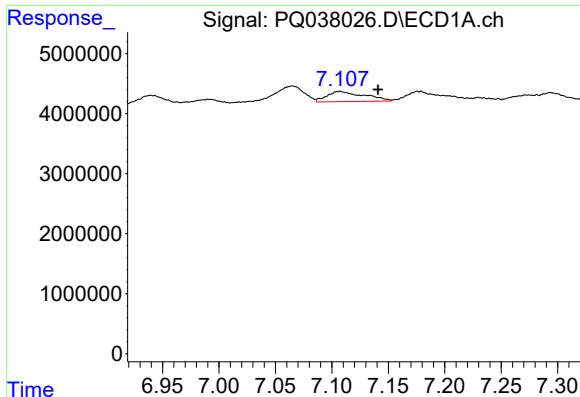
#31 AR-1260-1

R.T.: 6.940 min
Delta R.T.: 0.051 min
Response: 829092
Conc: 3.20 ng/ml



#31 AR-1260-1

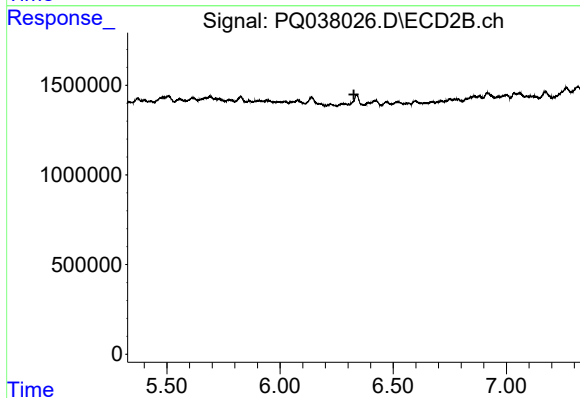
R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



#32 AR-1260-2

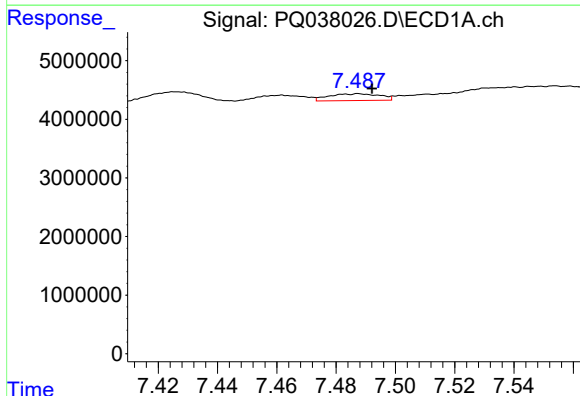
R.T.: 7.107 min
Delta R.T.: -0.034 min
Response: 3914697
Conc: 11.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



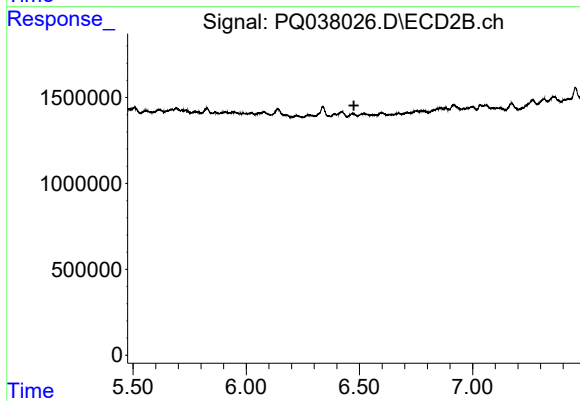
#32 AR-1260-2

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



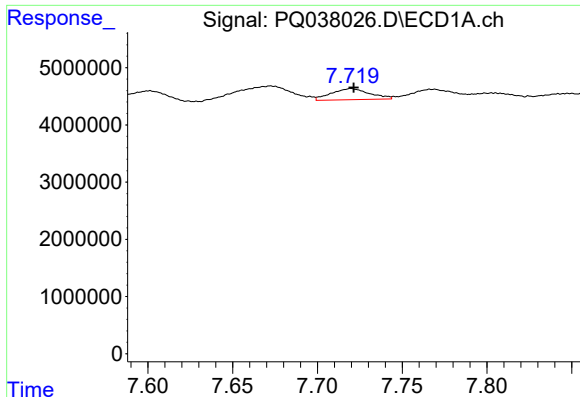
#33 AR-1260-3

R.T.: 7.488 min
Delta R.T.: -0.004 min
Response: 1385659
Conc: 4.89 ng/ml



#33 AR-1260-3

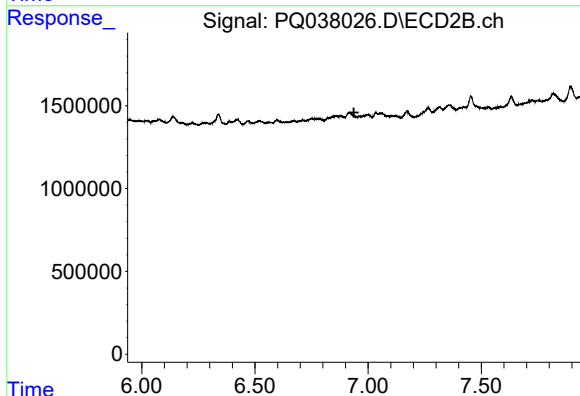
R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



#34 AR-1260-4

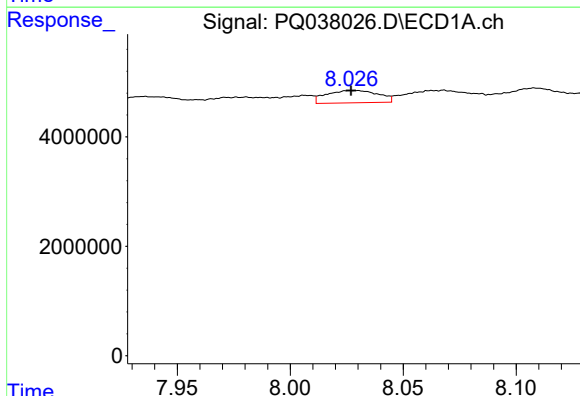
R.T.: 7.720 min
Delta R.T.: -0.002 min
Response: 3065110
Conc: 11.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



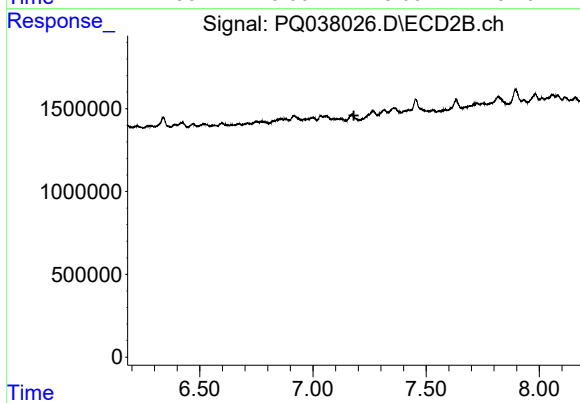
#34 AR-1260-4

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



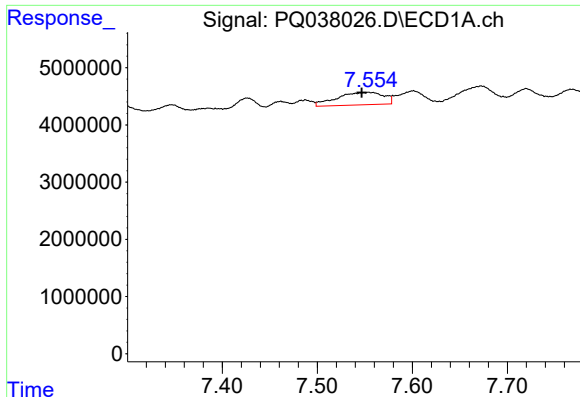
#35 AR-1260-5

R.T.: 8.028 min
Delta R.T.: 0.001 min
Response: 3611305
Conc: 5.73 ng/ml



#35 AR-1260-5

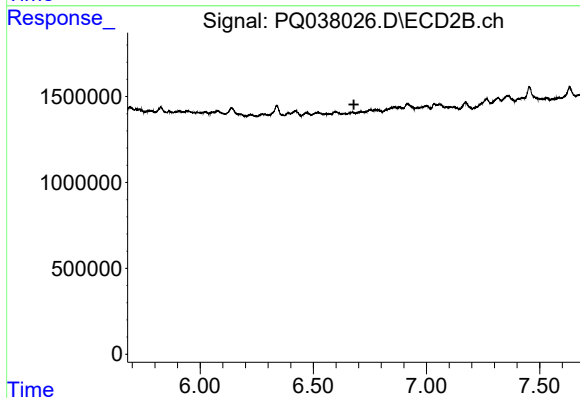
R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



#36 AR-1262-1

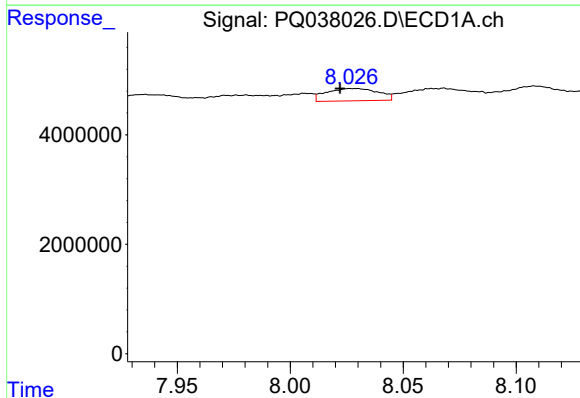
R.T.: 7.554 min
Delta R.T.: 0.007 min
Response: 7440766
Conc: 48.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



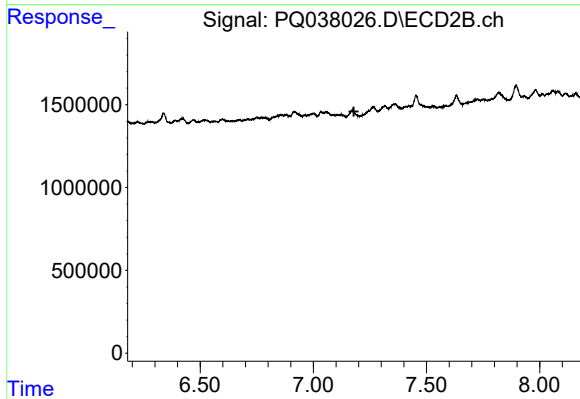
#36 AR-1262-1

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



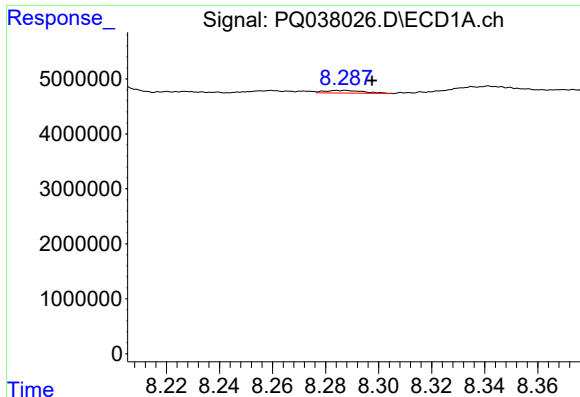
#37 AR-1262-2

R.T.: 8.028 min
Delta R.T.: 0.006 min
Response: 3611305
Conc: 5.15 ng/ml



#37 AR-1262-2

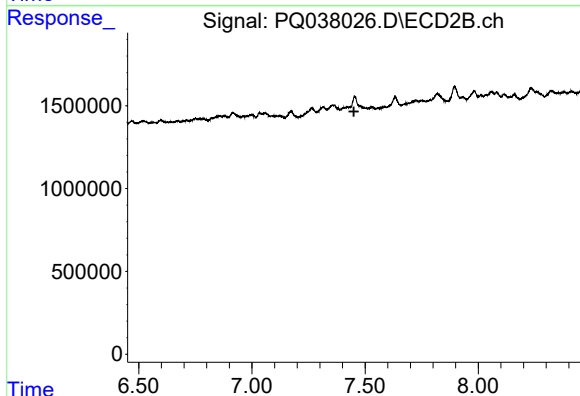
R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



#38 AR-1262-3

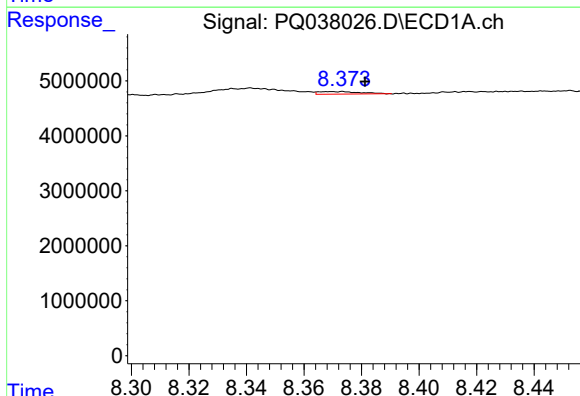
R.T.: 8.287 min
Delta R.T.: -0.011 min
Response: 503836
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



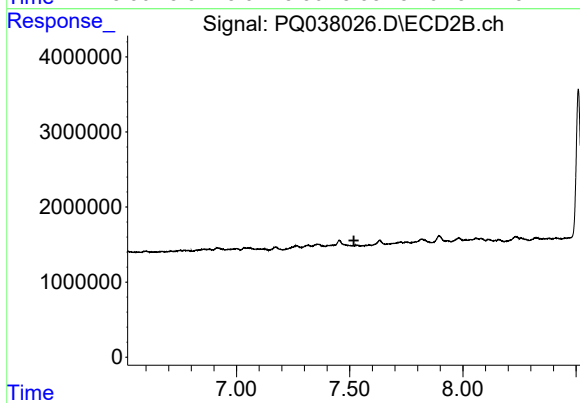
#38 AR-1262-3

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



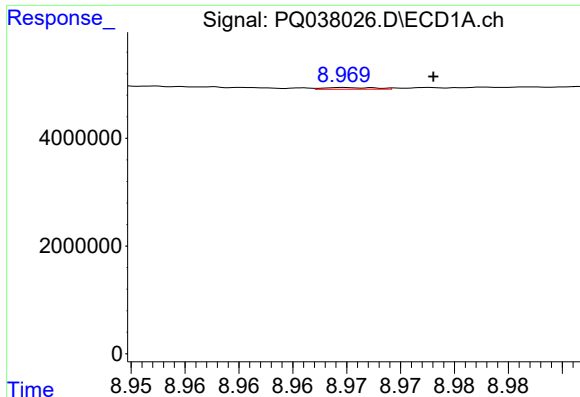
#39 AR-1262-4

R.T.: 8.373 min
Delta R.T.: -0.008 min
Response: 458806
Conc: 1.32 ng/ml



#39 AR-1262-4

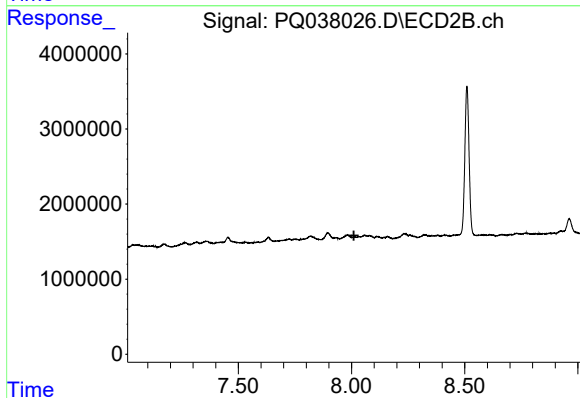
R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



#40 AR-1262-5

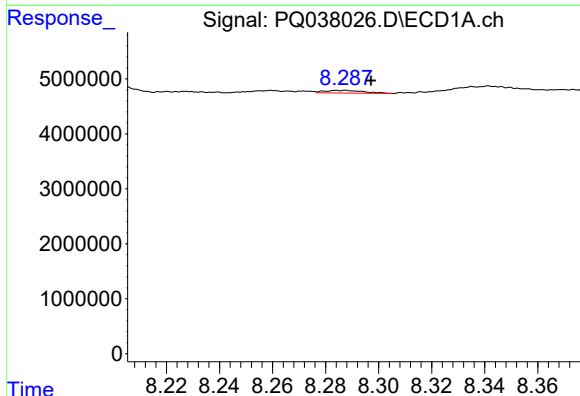
R.T.: 8.970 min
Delta R.T.: -0.008 min
Response: 103393
Conc: 0.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



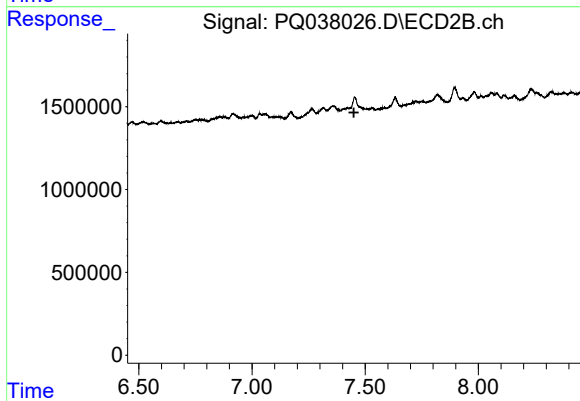
#40 AR-1262-5

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



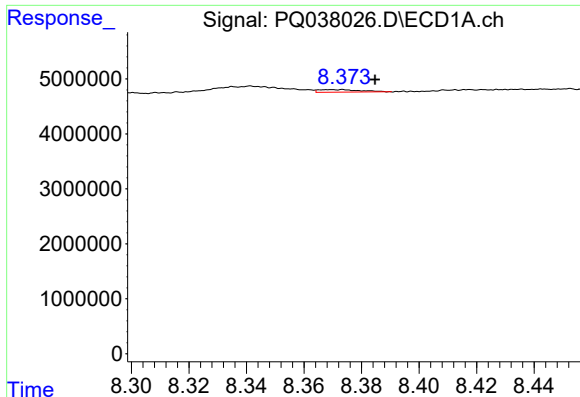
#41 AR-1268-1

R.T.: 8.287 min
Delta R.T.: -0.011 min
Response: 503836
Conc: 0.61 ng/ml



#41 AR-1268-1

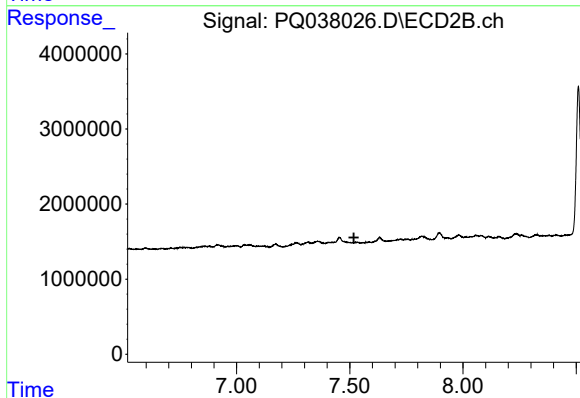
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#42 AR-1268-2

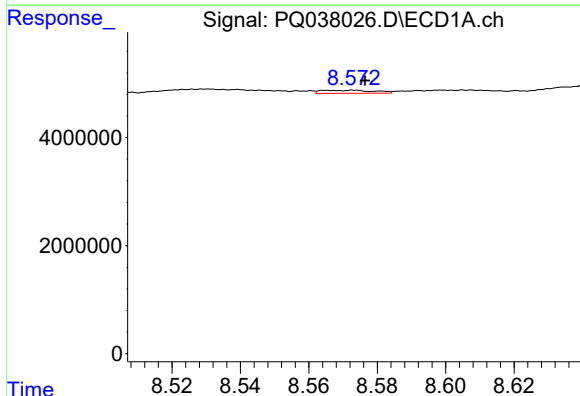
R.T.: 8.373 min
Delta R.T.: -0.012 min
Response: 458806
Conc: 0.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



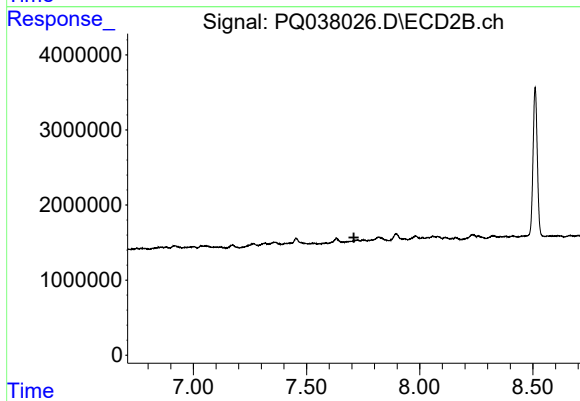
#42 AR-1268-2

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



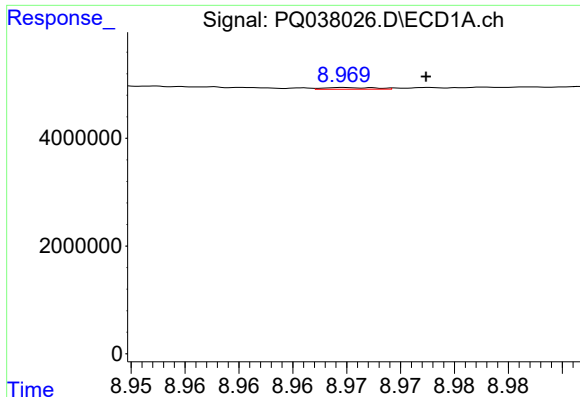
#43 AR-1268-3

R.T.: 8.573 min
Delta R.T.: -0.003 min
Response: 623293
Conc: 0.95 ng/ml



#43 AR-1268-3

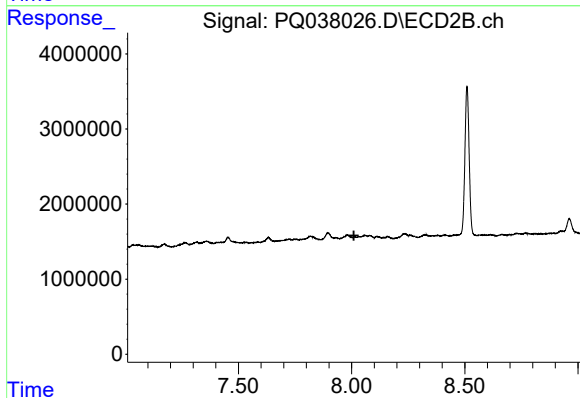
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#44 AR-1268-4

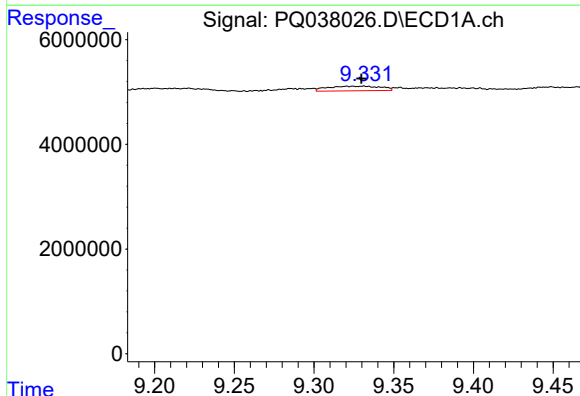
R.T.: 8.970 min
Delta R.T.: -0.007 min
Response: 103393
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



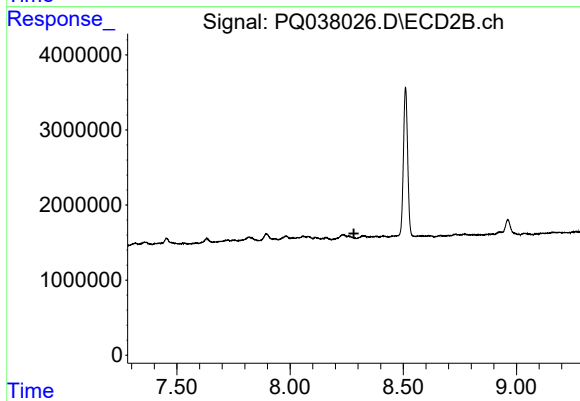
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: 0.002 min
Response: 2077872
Conc: 1.06 ng/ml



#45 AR-1268-5

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