

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 14:04
 Operator : SM\SJ
 Sample : K1935-10
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 14:48:42 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...	4.185	3.638	101.6E6	45021266	17.467	14.577
2)	SA Decachlor...	9.598	8.508	70330967	27151309	14.588	12.128
Target Compounds							
3)	L1 AR-1016-1	5.348	0.000	2977790	0	14.796	N.D. #
4)	L1 AR-1016-2	5.348	0.000	2977790	0	9.489	N.D. #
5)	L1 AR-1016-3	5.428	0.000	888017	0	4.876	N.D. #
6)	L1 AR-1016-4	5.523	0.000	8679733	0	58.021	N.D. #
8)	L2 AR-1221-1	4.353	0.000	456648	0	7.197	N.D. #
9)	L2 AR-1221-2	4.483	0.000	2946412	0	63.693	N.D. #
10)	L2 AR-1221-3	4.531	0.000	503702	0	3.296	N.D. #
11)	L3 AR-1232-1	4.531	0.000	503702	0	4.047	N.D. #
12)	L3 AR-1232-2	5.067	0.000	2520346	0	42.801	N.D. #
13)	L3 AR-1232-3	5.348	0.000	2977790	0	24.111	N.D. #
14)	L3 AR-1232-4	5.523	0.000	8679733	0	149.025	N.D. #
15)	L3 AR-1232-5	5.577	0.000	6357590	0	148.717	N.D. #
16)	L4 AR-1242-1	5.348	0.000	2977790	0	18.121	N.D. #
17)	L4 AR-1242-2	5.348	0.000	2977790	0	11.670	N.D. #
18)	L4 AR-1242-3	5.428	0.000	888017	0	6.021	N.D. #
19)	L4 AR-1242-4	5.523	0.000	8679733	0	70.908	N.D. #
20)	L4 AR-1242-5	6.210	0.000	8508223	0	62.270	N.D. #
21)	L5 AR-1248-1	5.348	0.000	2977790	0	18.802	N.D. #
22)	L5 AR-1248-2	5.577	0.000	6357590	0	29.046	N.D. #
24)	L5 AR-1248-4	6.210	0.000	8508223	0	30.418	N.D. #
25)	L5 AR-1248-5	6.210	0.000	8508223	0	32.095	N.D. #
26)	L6 AR-1254-1	6.157	0.000	5774552	0	29.393	N.D. #
27)	L6 AR-1254-2	6.368	0.000	2922969	0	9.537	N.D. #
28)	L6 AR-1254-3	6.738	0.000	7736664	0	24.844	N.D. #
29)	L6 AR-1254-4	6.988	0.000	495830	0	1.953	N.D. #
30)	L6 AR-1254-5	7.426	0.000	1521836	0	5.158	N.D. #
31)	L7 AR-1260-1	6.873	0.000	1946009	0	7.515	N.D. #
32)	L7 AR-1260-2	7.128	0.000	1376205	0	3.993	N.D. #
33)	L7 AR-1260-3	7.499	0.000	1773867	0	6.254	N.D. #
34)	L7 AR-1260-4	7.718	0.000	1735802	0	6.448	N.D. #
35)	L7 AR-1260-5	8.023	0.000	3020250	0	4.794	N.D. #
36)	L8 AR-1262-1	7.553	0.000	2368494	0	15.336	N.D. #
37)	L8 AR-1262-2	8.023	0.000	3020250	0	4.305	N.D. #
38)	L8 AR-1262-3	8.285	0.000	309234	0	1.032	N.D. #
39)	L8 AR-1262-4	8.400	0.000	129407	0	0.373	N.D. #
40)	L8 AR-1262-5	8.980	8.029	287572	1245078	1.203	10.943 #
41)	L9 AR-1268-1	8.285	0.000	309234	0	0.376	N.D. #
42)	L9 AR-1268-2	8.400	0.000	129407	0	0.173	N.D. #
43)	L9 AR-1268-3	8.579	0.000	3584196	0	5.466	N.D. #

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 Integration File signal 2: autoint2.e
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 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	8.980	8.029	287572	1245078	1.111	9.968 #
45) L9	AR-1268-5	9.324	0.000	729220	0	0.374	N.D. #

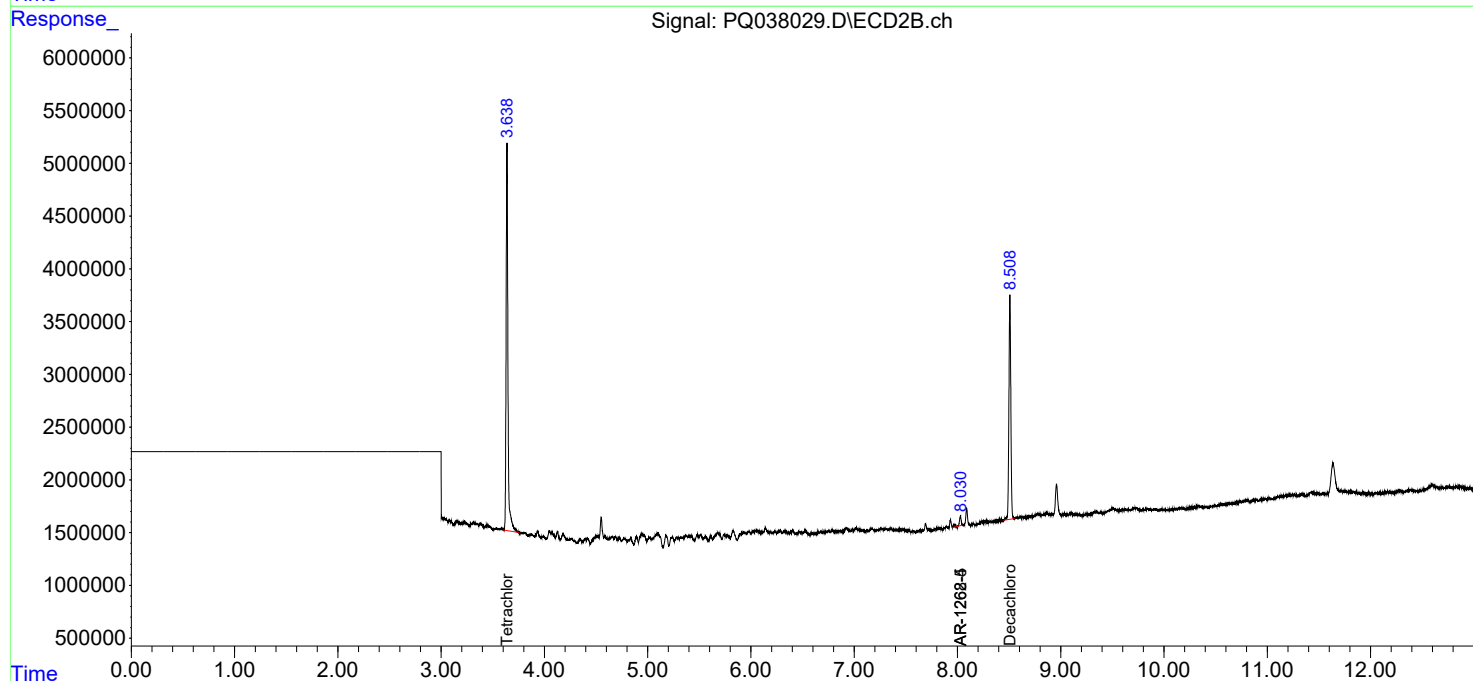
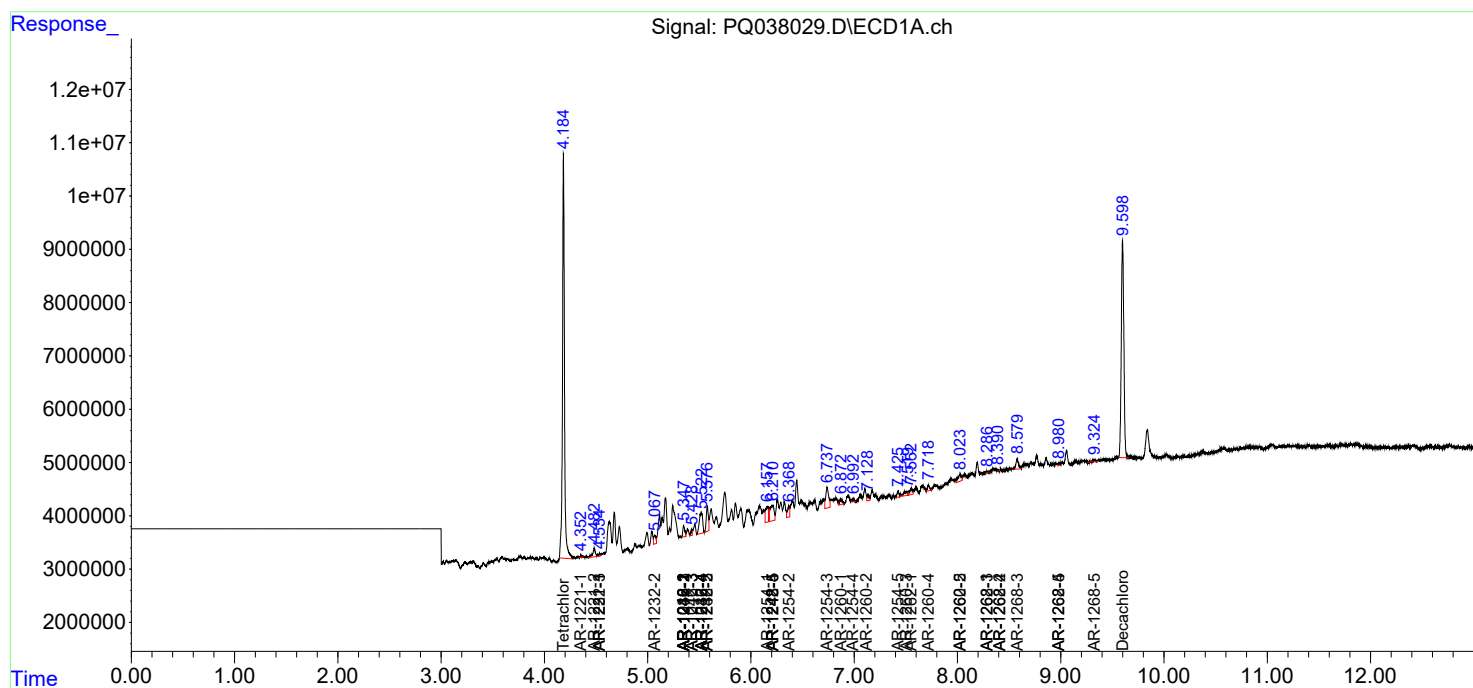
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

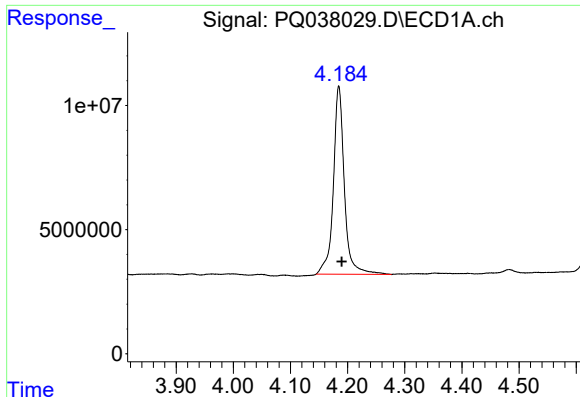
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

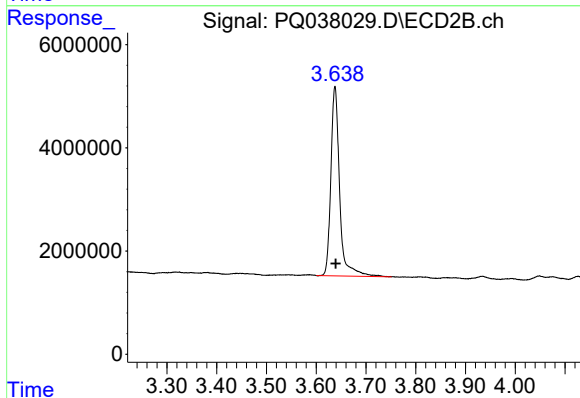




#1 Tetrachloro-m-xylene

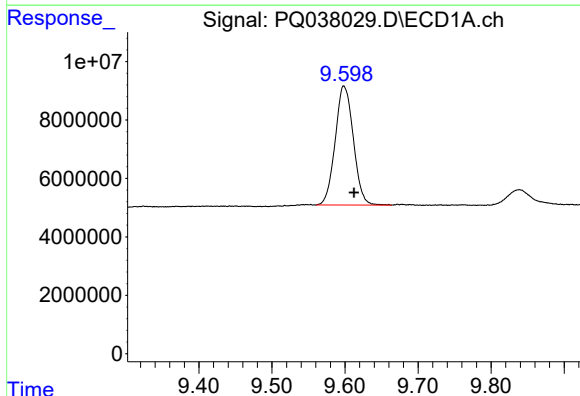
R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 101635378
Conc: 17.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



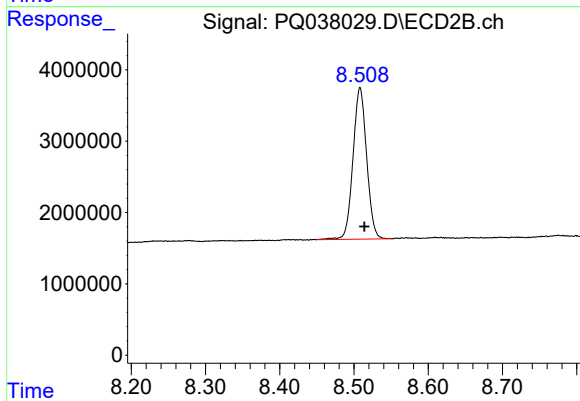
#1 Tetrachloro-m-xylene

R.T.: 3.638 min
Delta R.T.: -0.001 min
Response: 45021266
Conc: 14.58 ng/ml



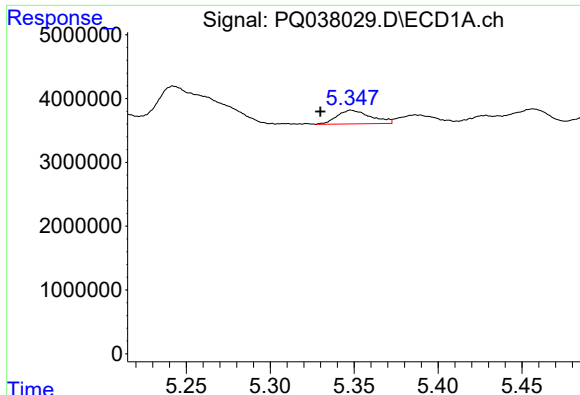
#2 Decachlorobiphenyl

R.T.: 9.598 min
Delta R.T.: -0.014 min
Response: 70330967
Conc: 14.59 ng/ml



#2 Decachlorobiphenyl

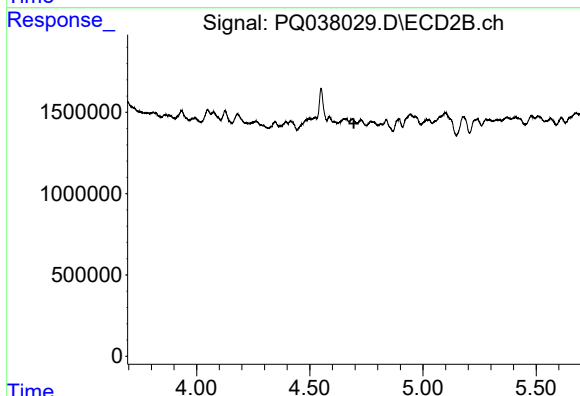
R.T.: 8.508 min
Delta R.T.: -0.006 min
Response: 27151309
Conc: 12.13 ng/ml



#3 AR-1016-1

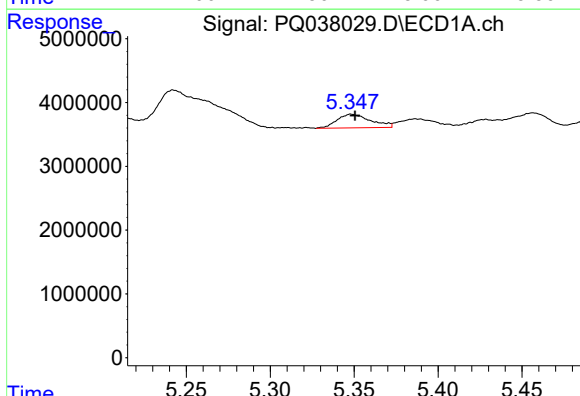
R.T.: 5.348 min
Delta R.T.: 0.018 min
Response: 2977790
Conc: 14.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



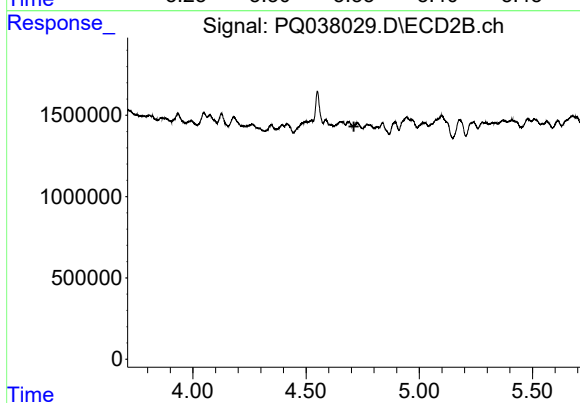
#3 AR-1016-1

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



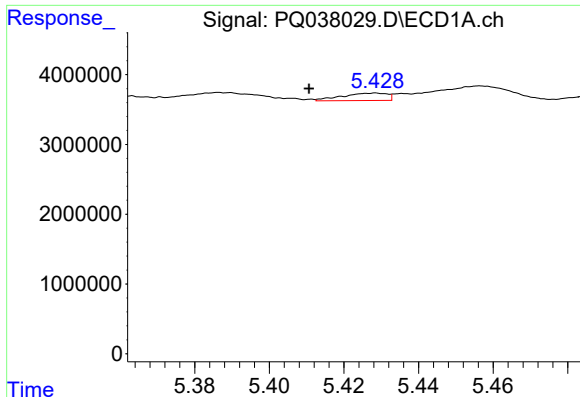
#4 AR-1016-2

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 2977790
Conc: 9.49 ng/ml



#4 AR-1016-2

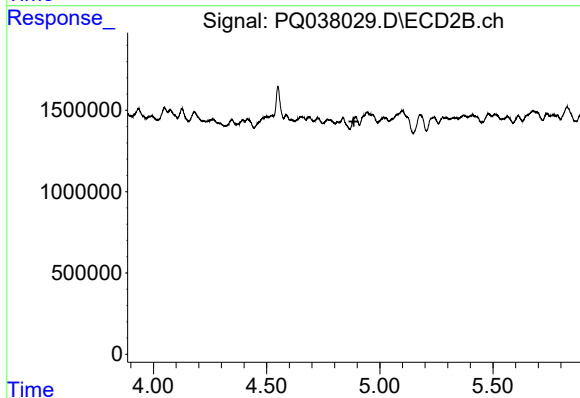
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

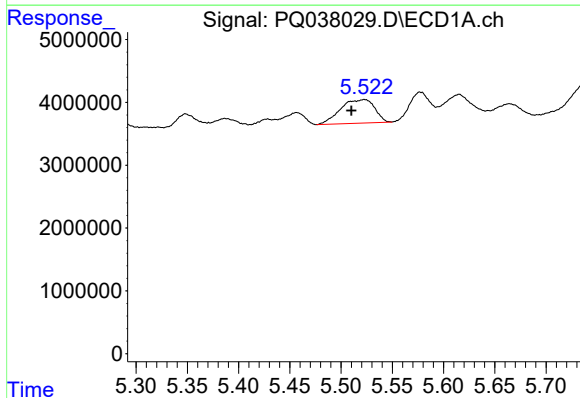
R.T.: 5.428 min
Delta R.T.: 0.018 min
Response: 888017
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



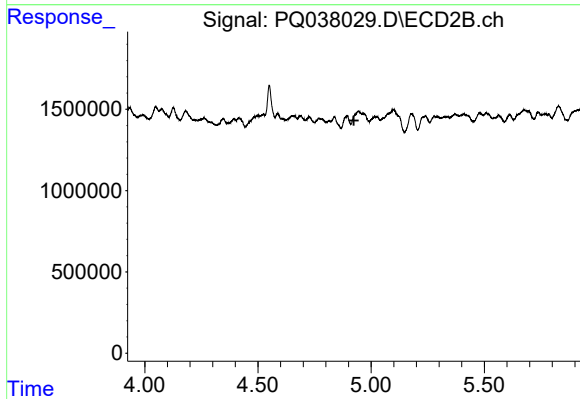
#5 AR-1016-3

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



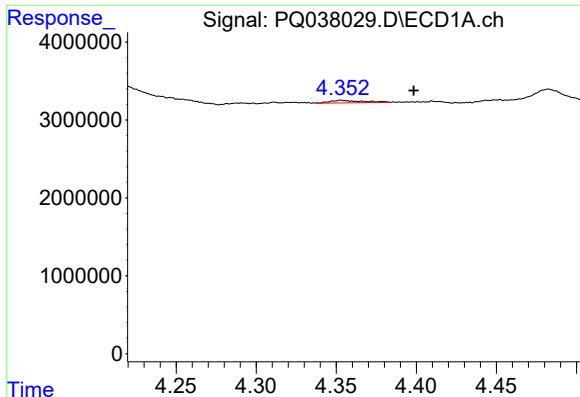
#6 AR-1016-4

R.T.: 5.523 min
Delta R.T.: 0.012 min
Response: 8679733
Conc: 58.02 ng/ml



#6 AR-1016-4

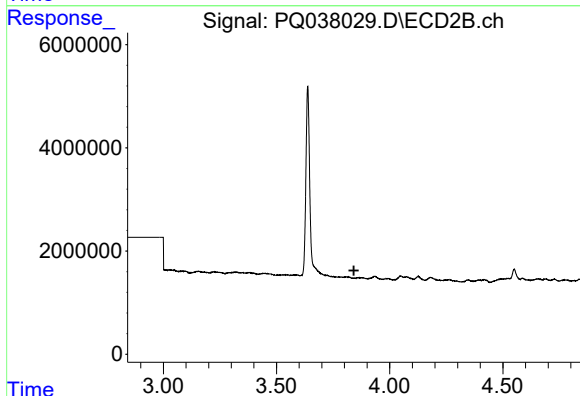
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#8 AR-1221-1

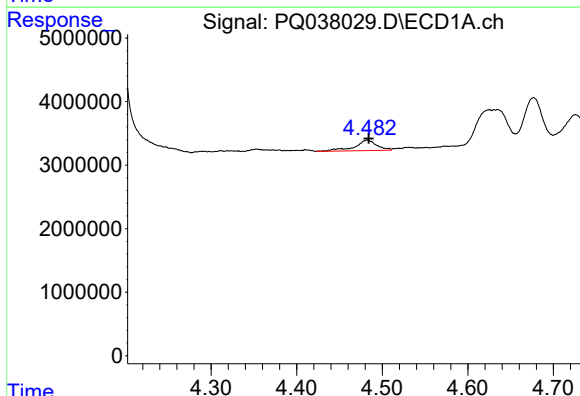
R.T.: 4.353 min
Delta R.T.: -0.045 min
Response: 456648
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



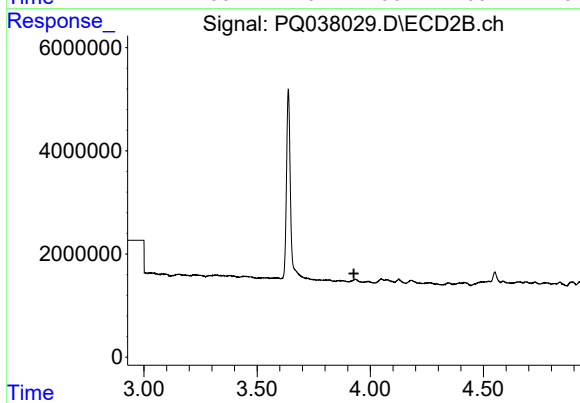
#8 AR-1221-1

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



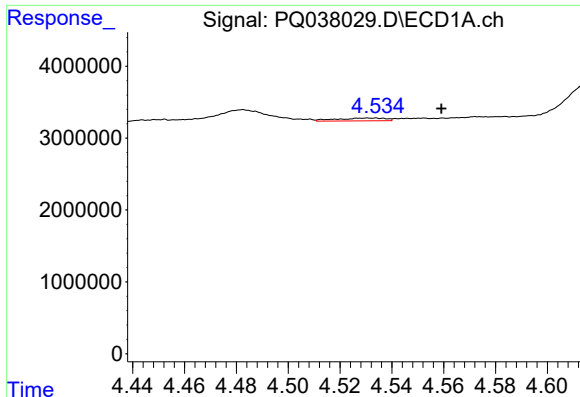
#9 AR-1221-2

R.T.: 4.483 min
Delta R.T.: -0.002 min
Response: 2946412
Conc: 63.69 ng/ml



#9 AR-1221-2

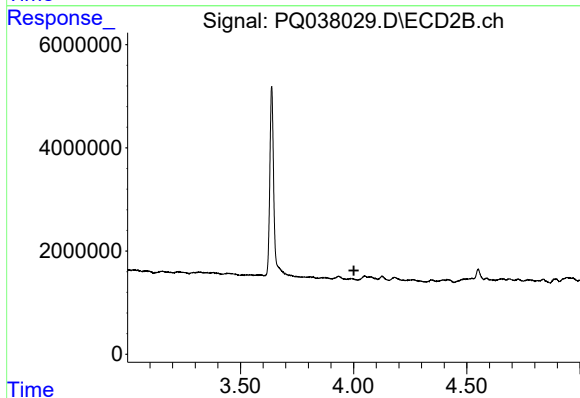
R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



#10 AR-1221-3

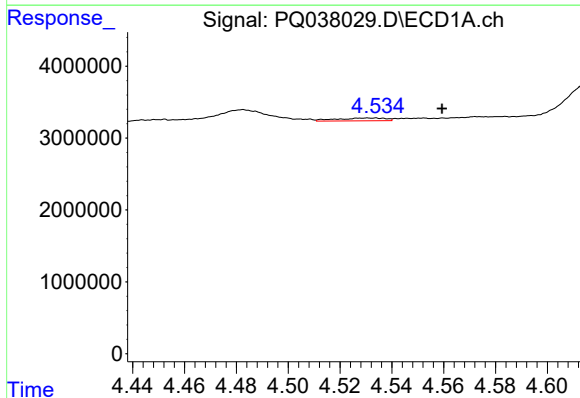
R.T.: 4.531 min
Delta R.T.: -0.028 min
Response: 503702
Conc: 3.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



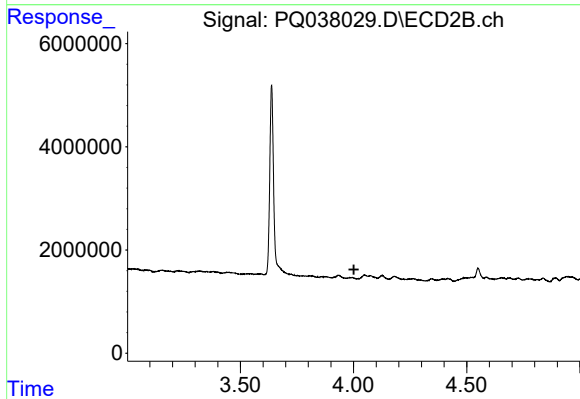
#10 AR-1221-3

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



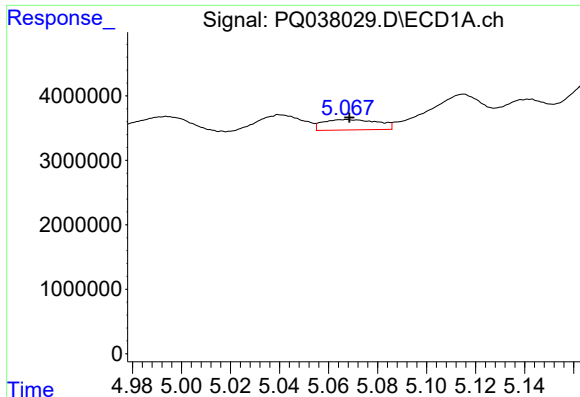
#11 AR-1232-1

R.T.: 4.531 min
Delta R.T.: -0.028 min
Response: 503702
Conc: 4.05 ng/ml



#11 AR-1232-1

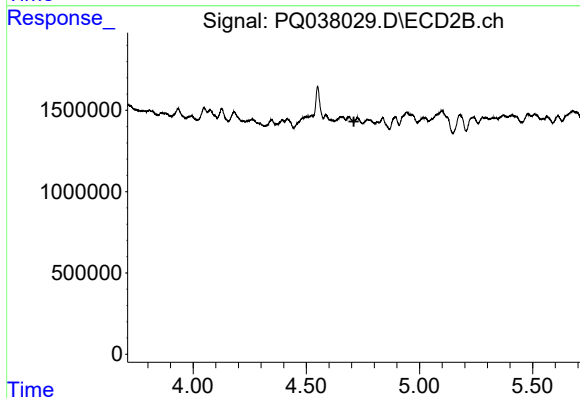
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#12 AR-1232-2

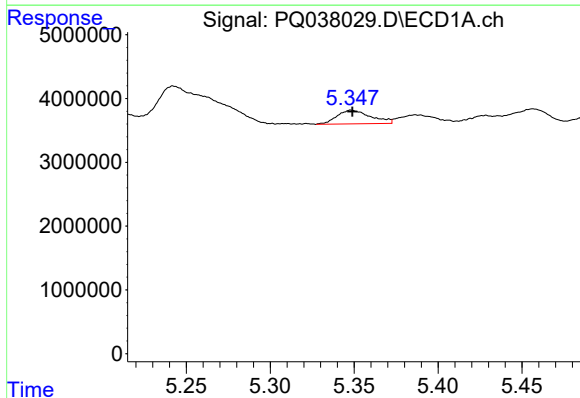
R.T.: 5.067 min
Delta R.T.: -0.002 min
Response: 2520346
Conc: 42.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



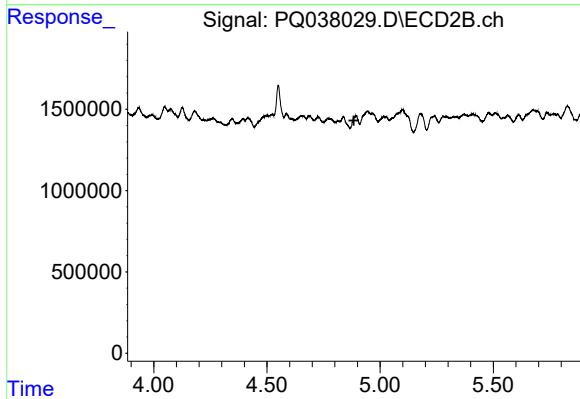
#12 AR-1232-2

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



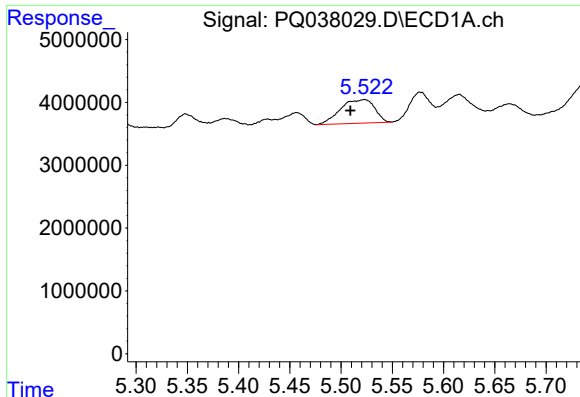
#13 AR-1232-3

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 2977790
Conc: 24.11 ng/ml



#13 AR-1232-3

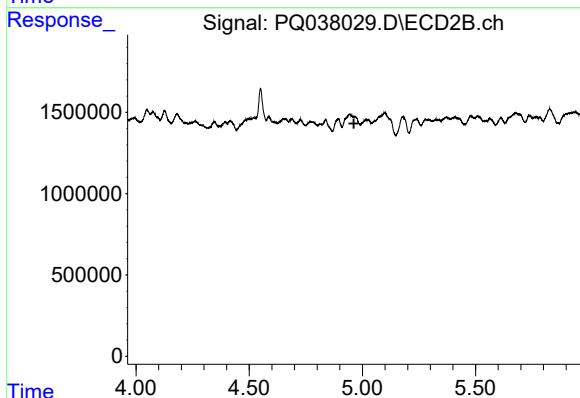
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

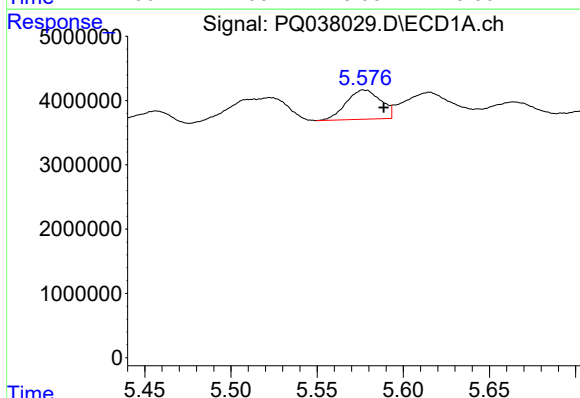
R.T.: 5.523 min
Delta R.T.: 0.014 min
Response: 8679733
Conc: 149.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



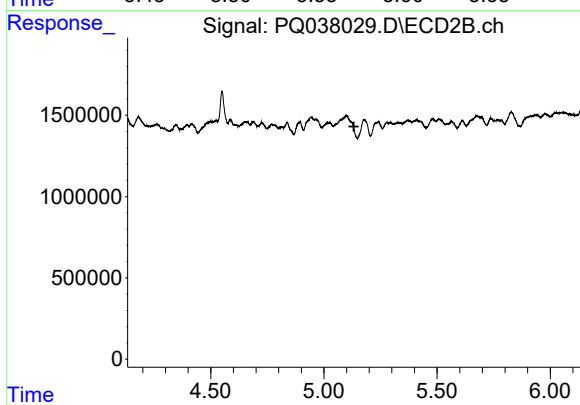
#14 AR-1232-4

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



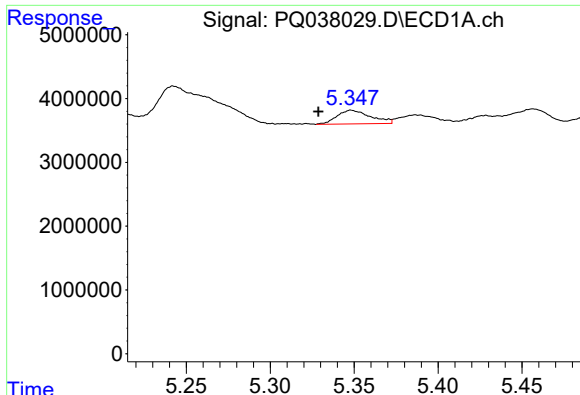
#15 AR-1232-5

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 6357590
Conc: 148.72 ng/ml



#15 AR-1232-5

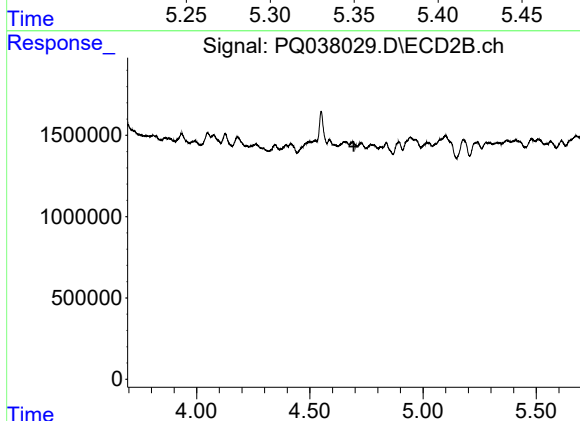
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#16 AR-1242-1

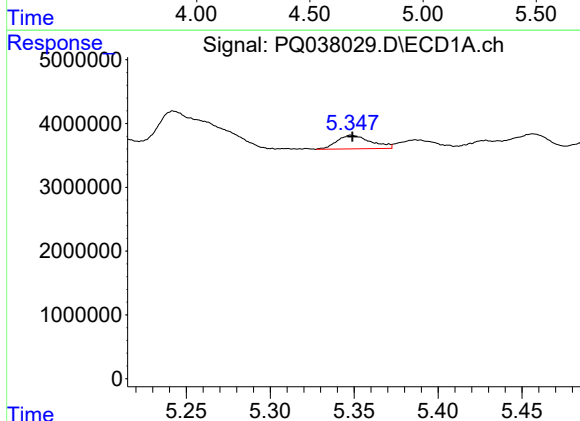
R.T.: 5.348 min
Delta R.T.: 0.020 min
Response: 2977790
Conc: 18.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



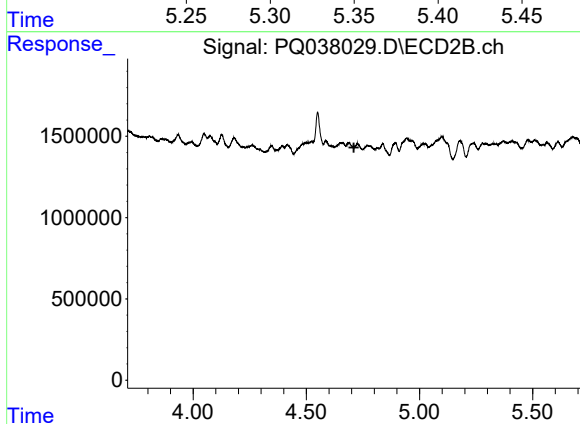
#16 AR-1242-1

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



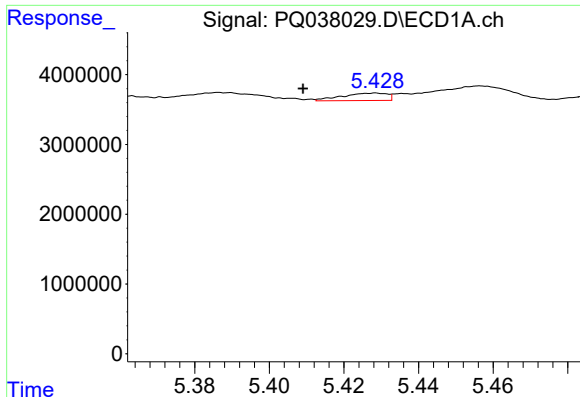
#17 AR-1242-2

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 2977790
Conc: 11.67 ng/ml



#17 AR-1242-2

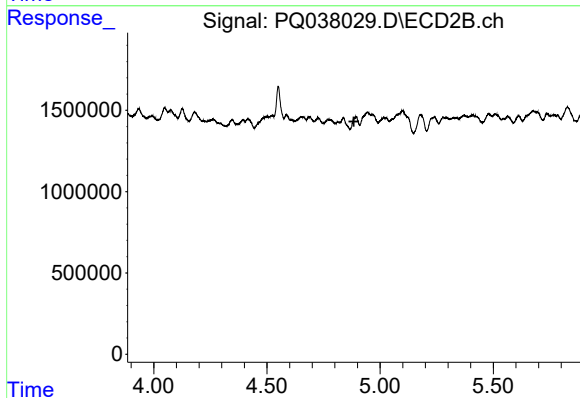
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#18 AR-1242-3

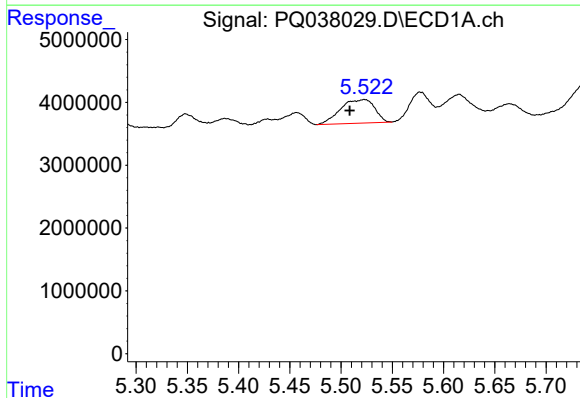
R.T.: 5.428 min
Delta R.T.: 0.019 min
Response: 888017
Conc: 6.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



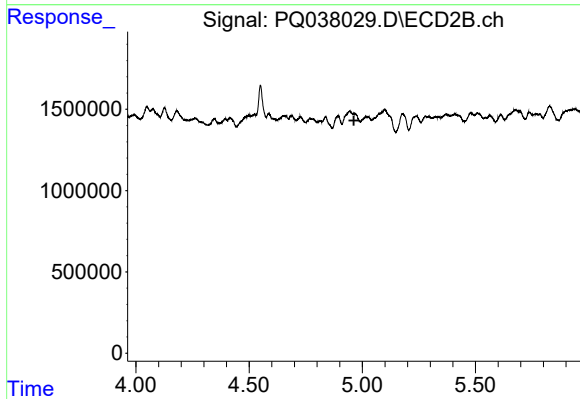
#18 AR-1242-3

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



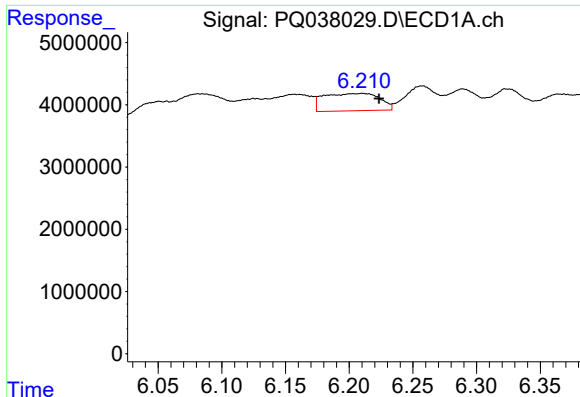
#19 AR-1242-4

R.T.: 5.523 min
Delta R.T.: 0.014 min
Response: 8679733
Conc: 70.91 ng/ml



#19 AR-1242-4

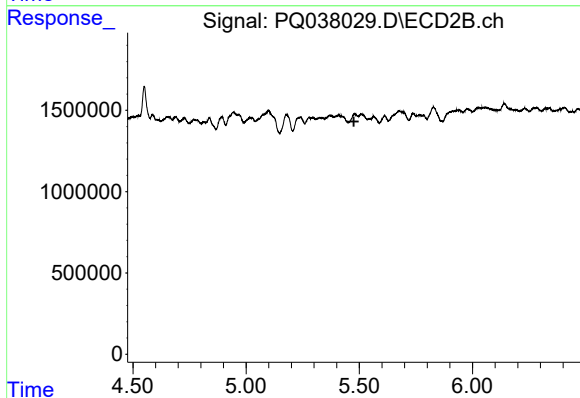
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#20 AR-1242-5

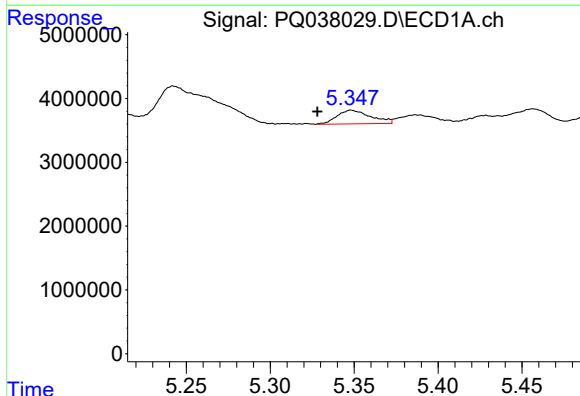
R.T.: 6.210 min
Delta R.T.: -0.013 min
Response: 8508223
Conc: 62.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



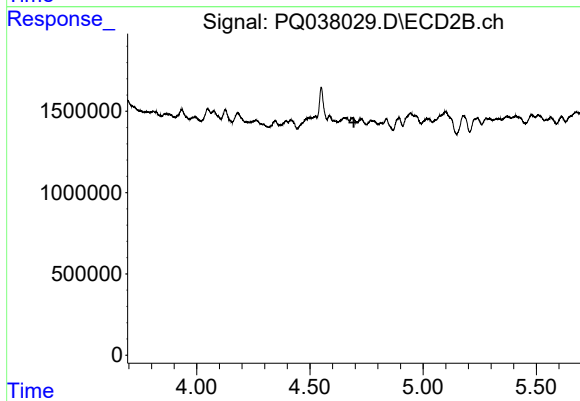
#20 AR-1242-5

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



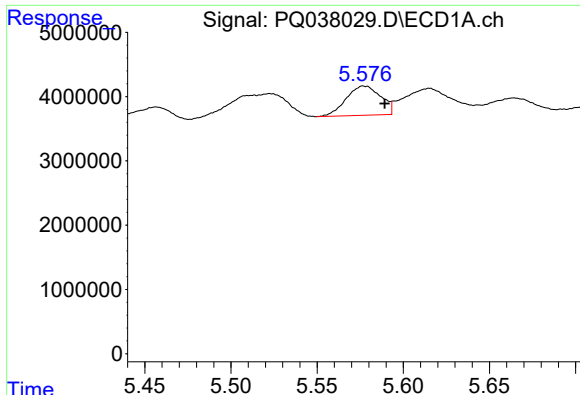
#21 AR-1248-1

R.T.: 5.348 min
Delta R.T.: 0.020 min
Response: 2977790
Conc: 18.80 ng/ml



#21 AR-1248-1

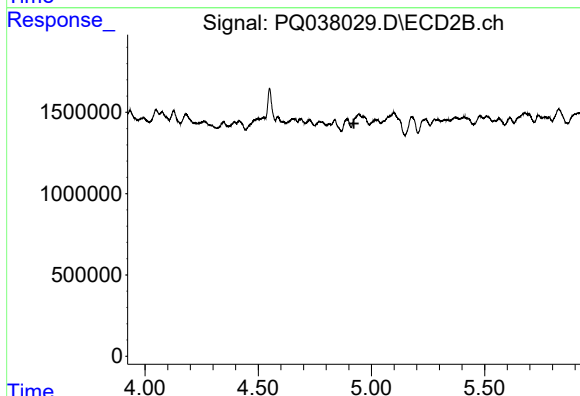
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#22 AR-1248-2

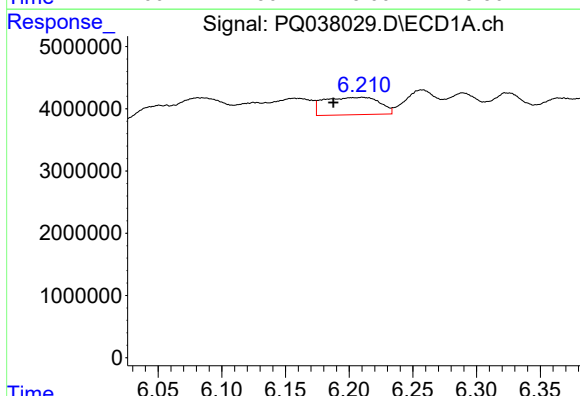
R.T.: 5.577 min
Delta R.T.: -0.012 min
Response: 6357590
Conc: 29.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



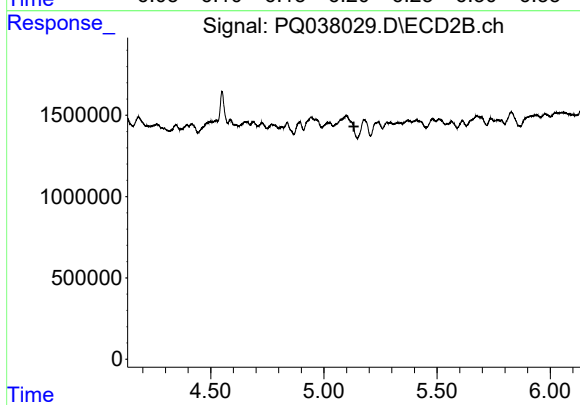
#22 AR-1248-2

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



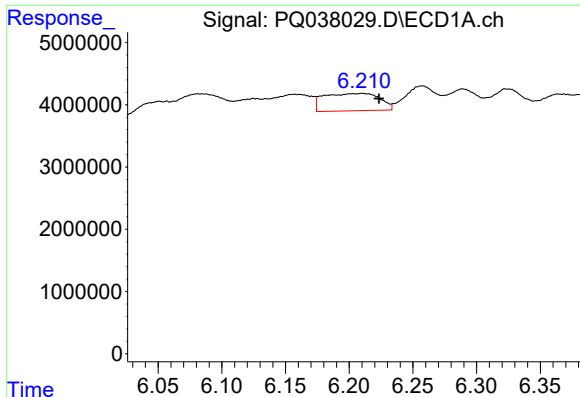
#24 AR-1248-4

R.T.: 6.210 min
Delta R.T.: 0.023 min
Response: 8508223
Conc: 30.42 ng/ml



#24 AR-1248-4

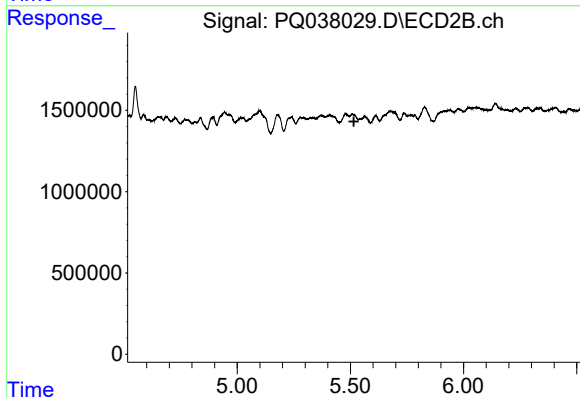
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#25 AR-1248-5

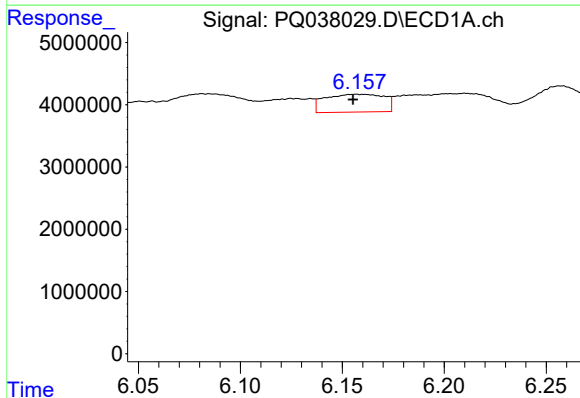
R.T.: 6.210 min
Delta R.T.: -0.013 min
Response: 8508223
Conc: 32.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



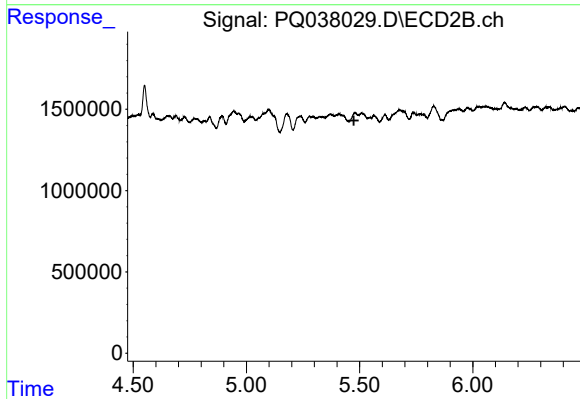
#25 AR-1248-5

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



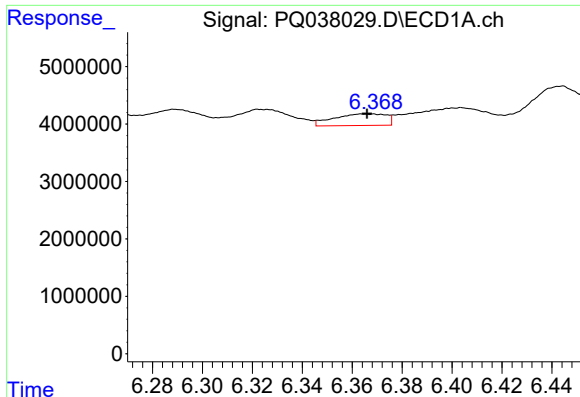
#26 AR-1254-1

R.T.: 6.157 min
Delta R.T.: 0.002 min
Response: 5774552
Conc: 29.39 ng/ml



#26 AR-1254-1

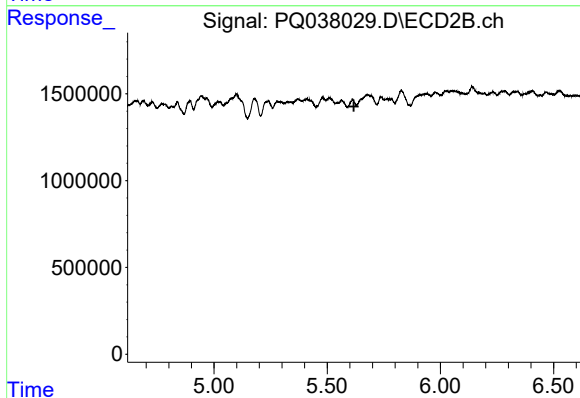
R.T.: 0.000 min
Exp R.T. : 5.475 min
Response: 0
Conc: N.D.



#27 AR-1254-2

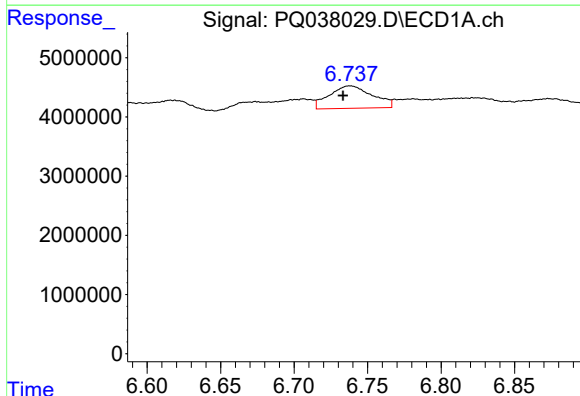
R.T.: 6.368 min
Delta R.T.: 0.002 min
Response: 2922969
Conc: 9.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



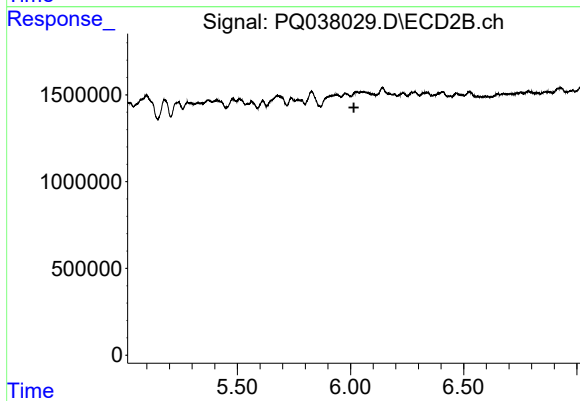
#27 AR-1254-2

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



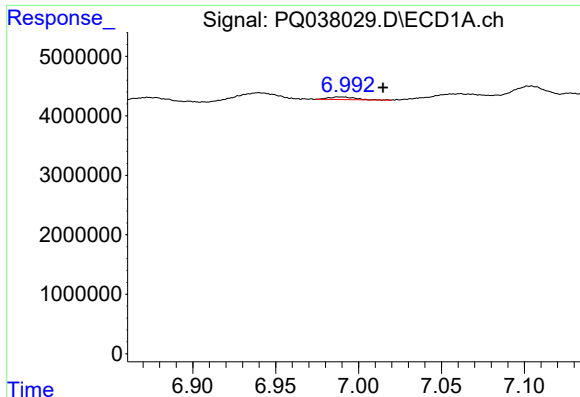
#28 AR-1254-3

R.T.: 6.738 min
Delta R.T.: 0.005 min
Response: 7736664
Conc: 24.84 ng/ml



#28 AR-1254-3

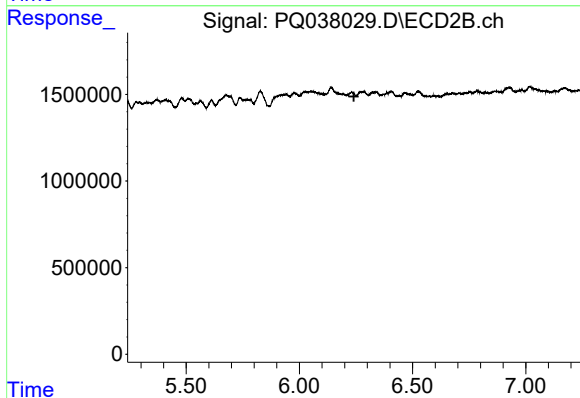
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.



#29 AR-1254-4

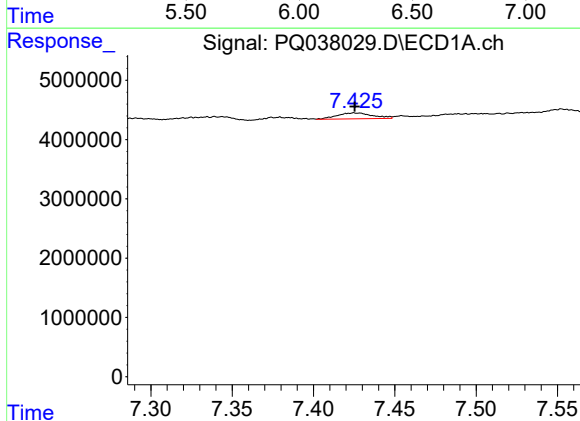
R.T.: 6.988 min
Delta R.T.: -0.026 min
Response: 495830
Conc: 1.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



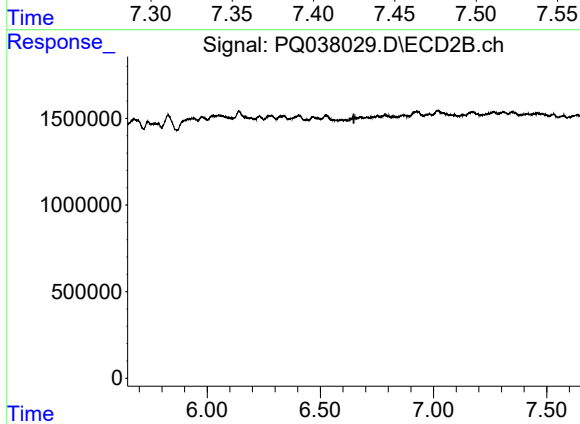
#29 AR-1254-4

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



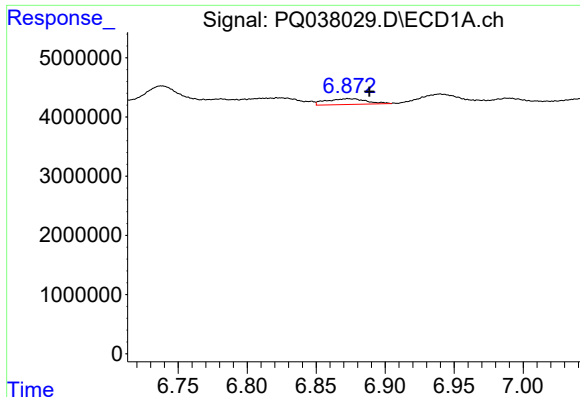
#30 AR-1254-5

R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 1521836
Conc: 5.16 ng/ml



#30 AR-1254-5

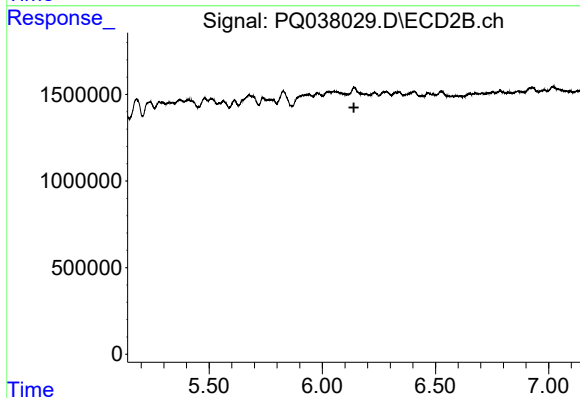
R.T.: 0.000 min
Exp R.T. : 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

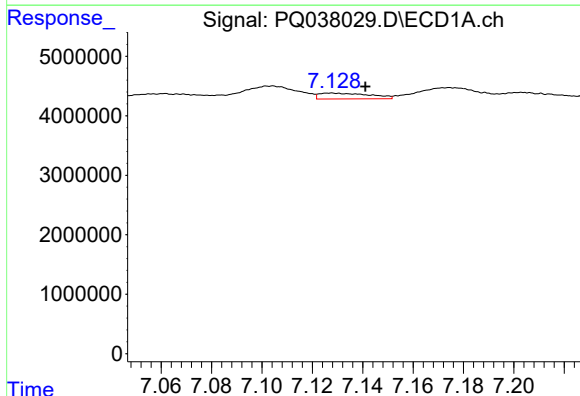
R.T.: 6.873 min
Delta R.T.: -0.015 min
Response: 1946009
Conc: 7.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



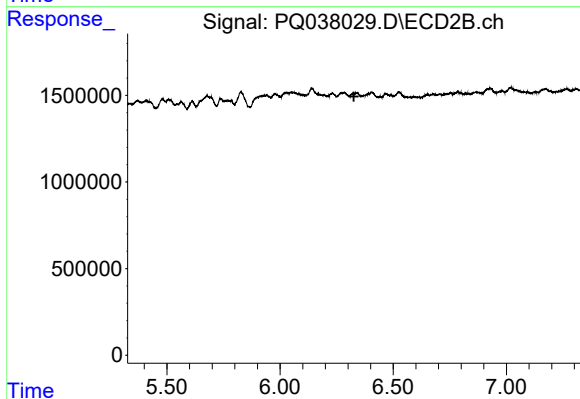
#31 AR-1260-1

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



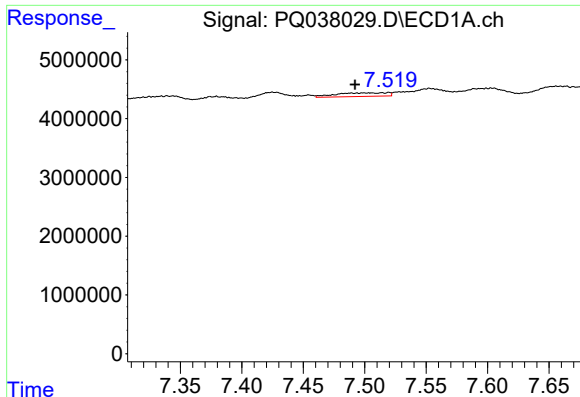
#32 AR-1260-2

R.T.: 7.128 min
Delta R.T.: -0.014 min
Response: 1376205
Conc: 3.99 ng/ml



#32 AR-1260-2

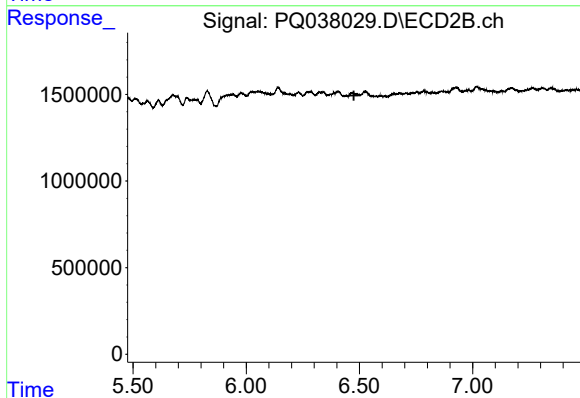
R.T.: 0.000 min
Exp R.T. : 6.326 min
Response: 0
Conc: N.D.



#33 AR-1260-3

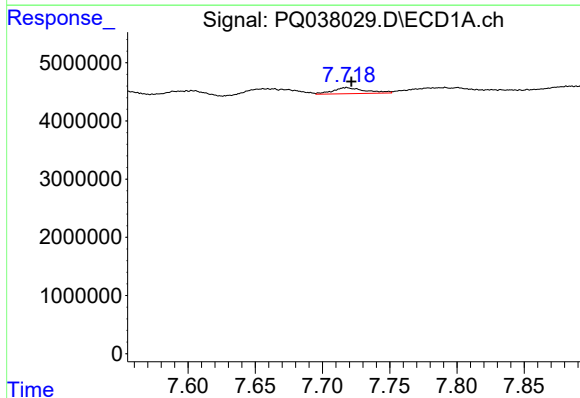
R.T.: 7.499 min
Delta R.T.: 0.007 min
Response: 1773867
Conc: 6.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



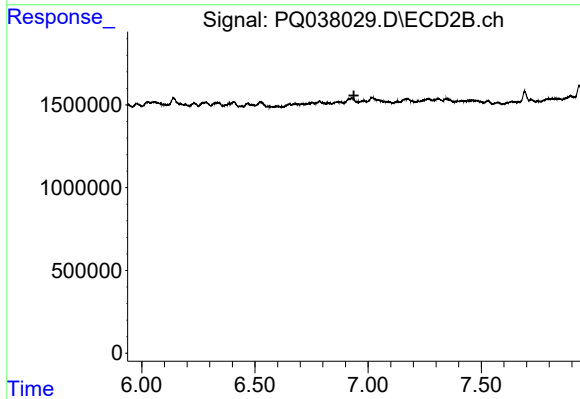
#33 AR-1260-3

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



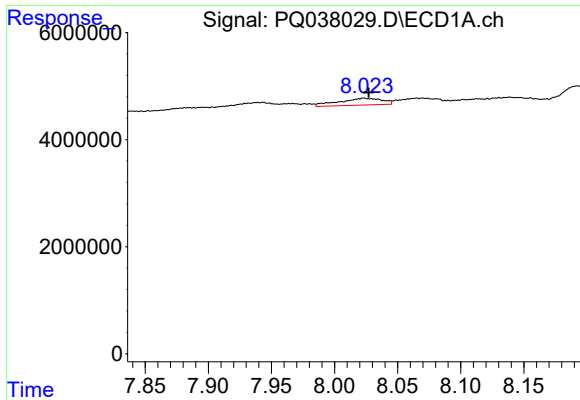
#34 AR-1260-4

R.T.: 7.718 min
Delta R.T.: -0.004 min
Response: 1735802
Conc: 6.45 ng/ml



#34 AR-1260-4

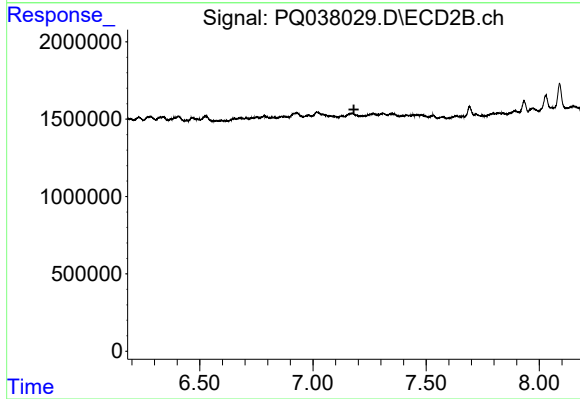
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

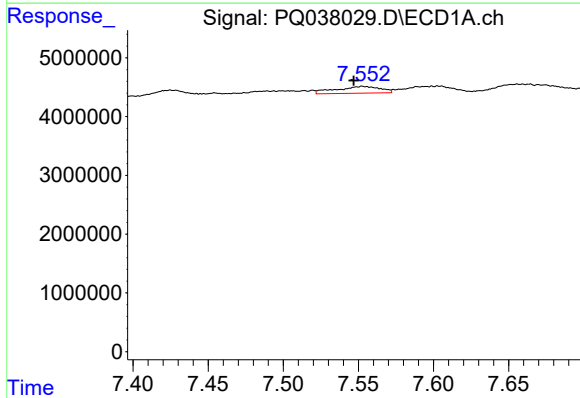
R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 3020250
Conc: 4.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



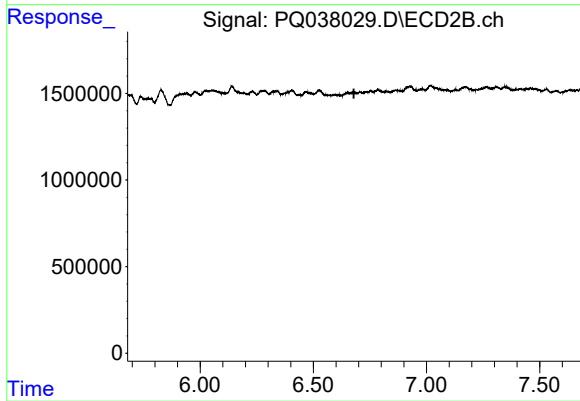
#35 AR-1260-5

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



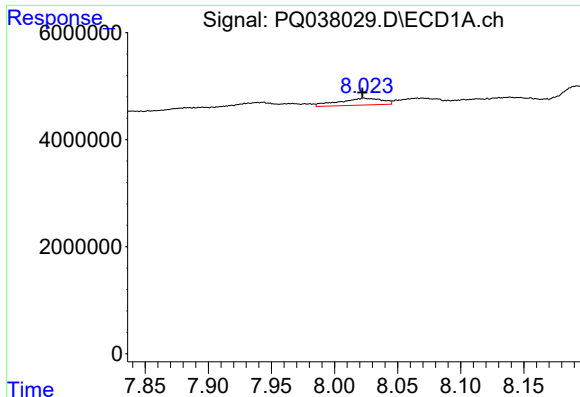
#36 AR-1262-1

R.T.: 7.553 min
Delta R.T.: 0.006 min
Response: 2368494
Conc: 15.34 ng/ml



#36 AR-1262-1

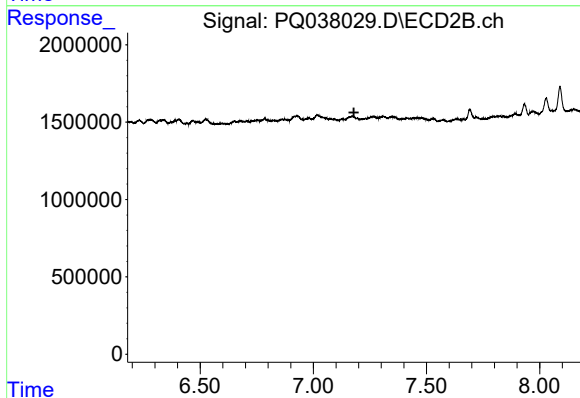
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

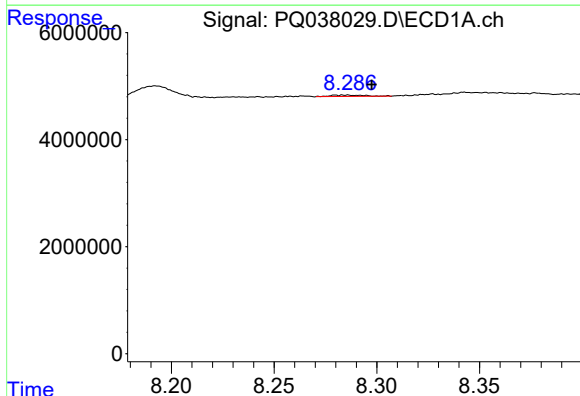
R.T.: 8.023 min
Delta R.T.: 0.001 min
Response: 3020250
Conc: 4.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



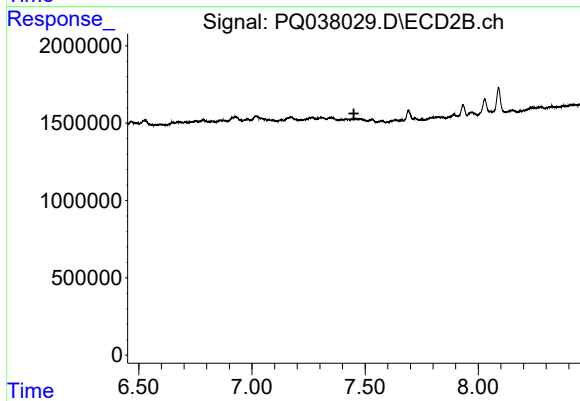
#37 AR-1262-2

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



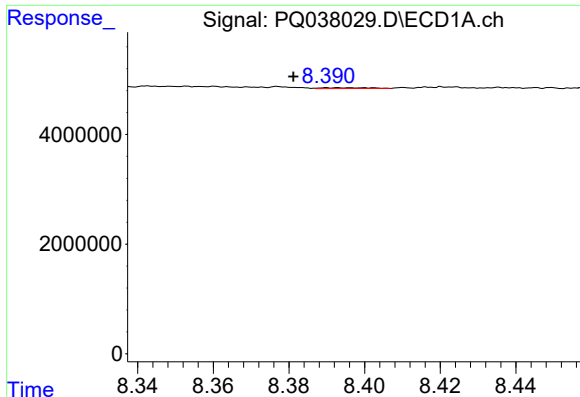
#38 AR-1262-3

R.T.: 8.285 min
Delta R.T.: -0.012 min
Response: 309234
Conc: 1.03 ng/ml



#38 AR-1262-3

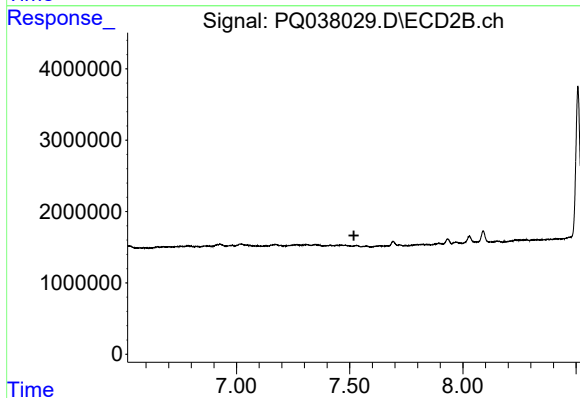
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

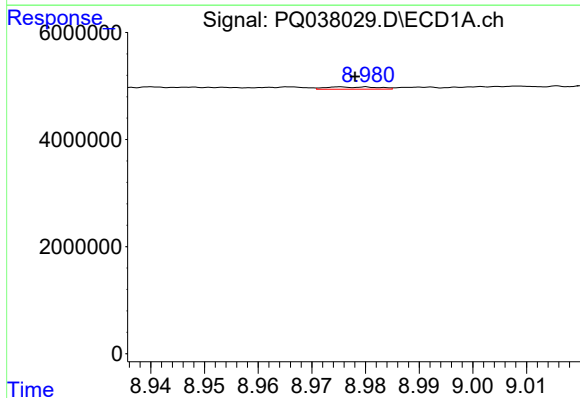
R.T.: 8.400 min
Delta R.T.: 0.019 min
Response: 129407
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



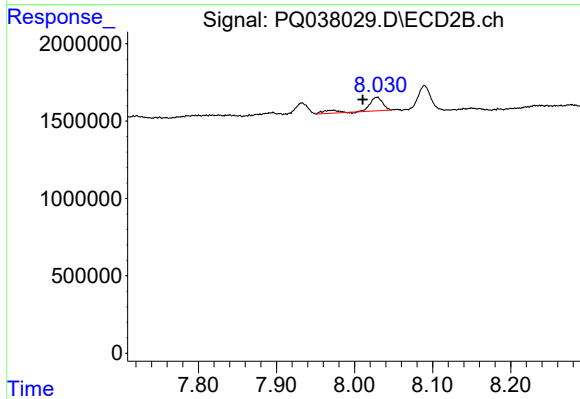
#39 AR-1262-4

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



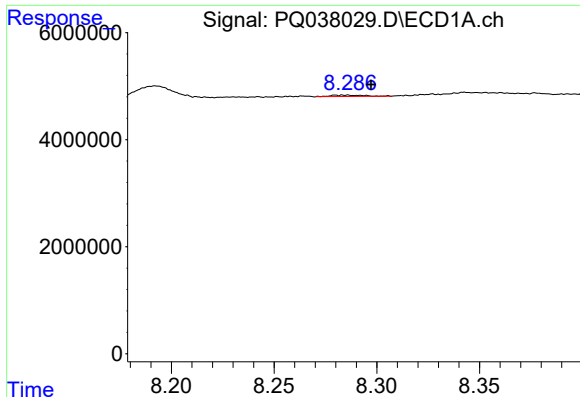
#40 AR-1262-5

R.T.: 8.980 min
Delta R.T.: 0.002 min
Response: 287572
Conc: 1.20 ng/ml



#40 AR-1262-5

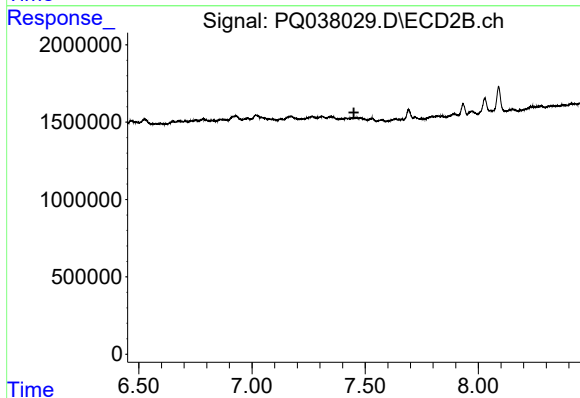
R.T.: 8.029 min
Delta R.T.: 0.018 min
Response: 1245078
Conc: 10.94 ng/ml



#41 AR-1268-1

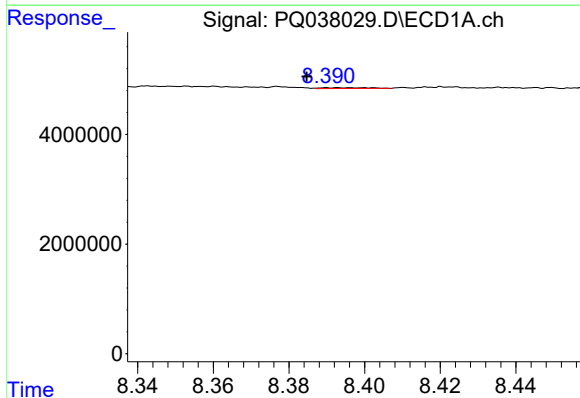
R.T.: 8.285 min
Delta R.T.: -0.012 min
Response: 309234
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



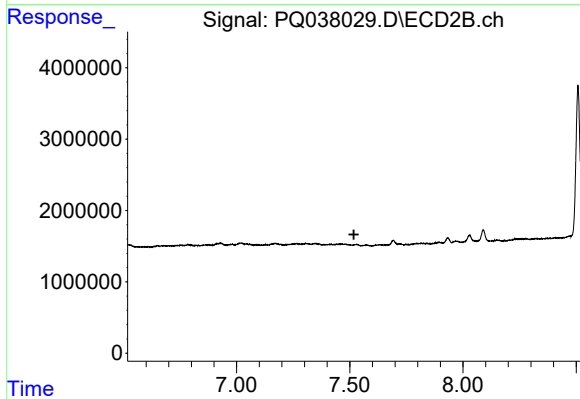
#41 AR-1268-1

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



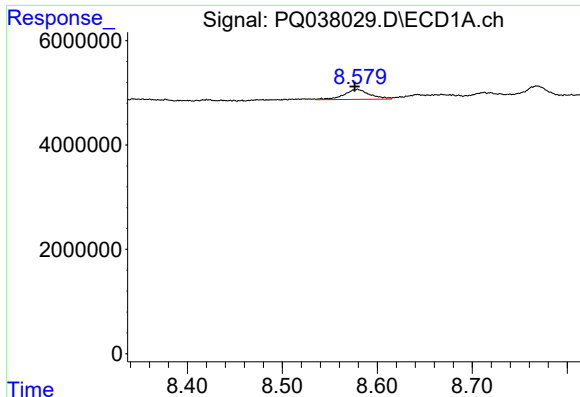
#42 AR-1268-2

R.T.: 8.400 min
Delta R.T.: 0.016 min
Response: 129407
Conc: 0.17 ng/ml



#42 AR-1268-2

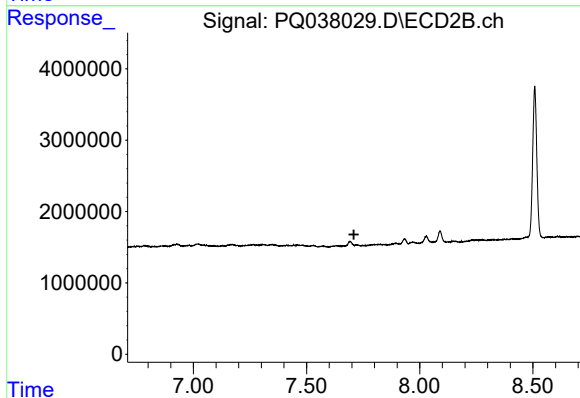
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

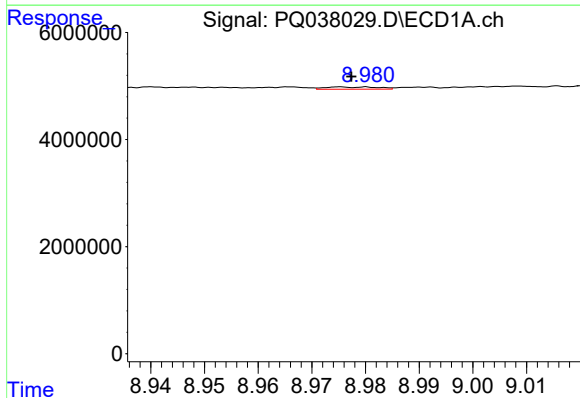
R.T.: 8.579 min
Delta R.T.: 0.003 min
Response: 3584196
Conc: 5.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



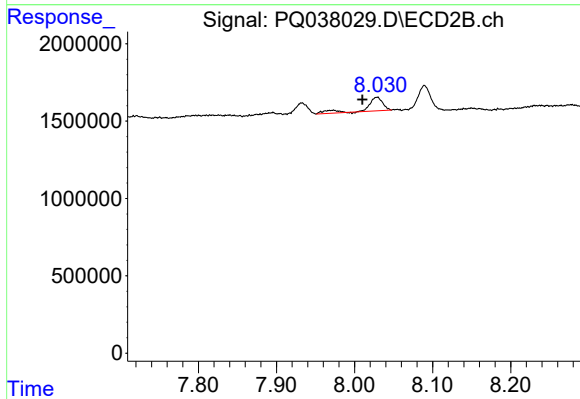
#43 AR-1268-3

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



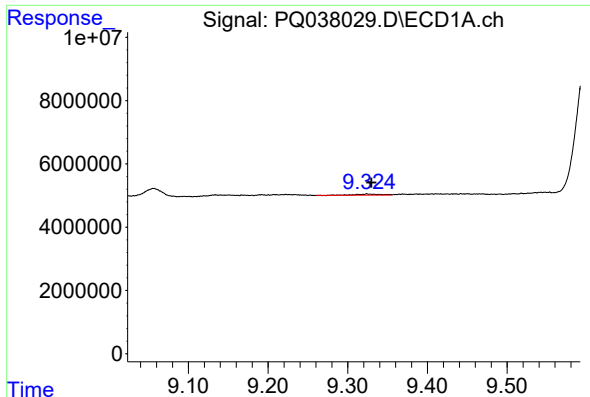
#44 AR-1268-4

R.T.: 8.980 min
Delta R.T.: 0.003 min
Response: 287572
Conc: 1.11 ng/ml



#44 AR-1268-4

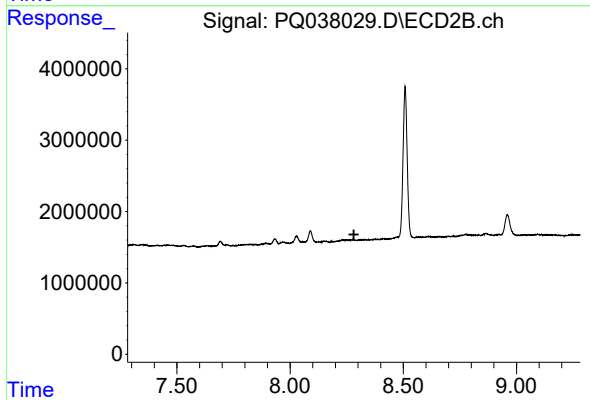
R.T.: 8.029 min
Delta R.T.: 0.018 min
Response: 1245078
Conc: 9.97 ng/ml



#45 AR-1268-5

R.T.: 9.324 min
Delta R.T.: -0.006 min
Response: 729220
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

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