

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 14:51
 Operator : SM\SJ
 Sample : K1935-02RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 15:43:24 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...	4.183	3.636	74473339	39458660	12.799	12.776
2)	SA Decachlor...	9.596	8.506	48198536	22203533	9.997	9.918
Target Compounds							
3)	L1 AR-1016-1	5.284	0.000	666795	0	3.313	N.D. #
4)	L1 AR-1016-2	5.377	0.000	395331	0	1.260	N.D. #
5)	L1 AR-1016-3	5.403	0.000	518065	0	2.844	N.D. #
6)	L1 AR-1016-4	5.528	0.000	650554	0	4.349	N.D. #
7)	L1 AR-1016-5	5.819	0.000	409229	0	2.819	N.D. #
9)	L2 AR-1221-2	4.485	0.000	2575814	0	55.682	N.D. #
10)	L2 AR-1221-3	4.532	0.000	2143446	0	14.024	N.D. #
11)	L3 AR-1232-1	4.532	0.000	2143446	0	17.223	N.D. #
12)	L3 AR-1232-2	5.072	0.000	1235724	0	20.985	N.D. #
13)	L3 AR-1232-3	5.377	0.000	395331	0	3.201	N.D. #
14)	L3 AR-1232-4	5.528	0.000	650554	0	11.170	N.D. #
15)	L3 AR-1232-5	5.599	0.000	808551	0	18.914	N.D. #
16)	L4 AR-1242-1	5.284	0.000	666795	0	4.058	N.D. #
17)	L4 AR-1242-2	5.377	0.000	395331	0	1.549	N.D. #
18)	L4 AR-1242-3	5.403	0.000	518065	0	3.513	N.D. #
19)	L4 AR-1242-4	5.528	0.000	650554	0	5.315	N.D. #
20)	L4 AR-1242-5	6.231	0.000	530080	0	3.880	N.D. #
21)	L5 AR-1248-1	5.284	0.000	666795	0	4.210	N.D. #
22)	L5 AR-1248-2	5.599	0.000	808551	0	3.694	N.D. #
23)	L5 AR-1248-3	5.819	0.000	409229	0	1.666	N.D. #
24)	L5 AR-1248-4	6.210	0.000	792729	0	2.834	N.D. #
25)	L5 AR-1248-5	6.231	0.000	530080	0	2.000	N.D. #
26)	L6 AR-1254-1	6.161	0.000	5384892	0	27.410	N.D. #
27)	L6 AR-1254-2	6.363	0.000	353581	0	1.154	N.D. #
28)	L6 AR-1254-3	6.787	0.000	4475945	0	14.373	N.D. #
29)	L6 AR-1254-4	6.993	0.000	429864	0	1.693	N.D. #
30)	L6 AR-1254-5	7.415	0.000	704593	0	2.388	N.D. #
31)	L7 AR-1260-1	6.867	0.000	346040	0	1.336	N.D. #
32)	L7 AR-1260-2	7.145	0.000	354542	0	1.029	N.D. #
33)	L7 AR-1260-3	7.488	0.000	393076	0	1.386	N.D. #
34)	L7 AR-1260-4	7.719	0.000	497322	0	1.847	N.D. #
35)	L7 AR-1260-5	8.031	0.000	204259	0	0.324	N.D. #
36)	L8 AR-1262-1	7.536	0.000	148286	0	0.960	N.D. #
37)	L8 AR-1262-2	8.018	0.000	2130002	0	3.036	N.D. #
38)	L8 AR-1262-3	8.352	0.000	1293427	0	4.315	N.D. #
39)	L8 AR-1262-4	8.388	0.000	564258	0	1.627	N.D. #
40)	L8 AR-1262-5	8.971	0.000	1084333	0	4.538	N.D. #
41)	L9 AR-1268-1	8.352	0.000	1293427	0	1.571	N.D. #
42)	L9 AR-1268-2	8.388	0.000	564258	0	0.756	N.D. #

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 Acq On : 20 Mar 2019 14:51
 Operator : SM\SJ
 Sample : K1935-02RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

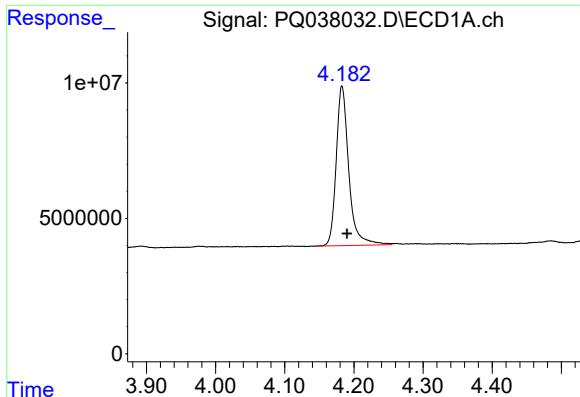
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 15:43:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
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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	
43)	L9 AR-1268-3	8.567	0.000	966411	0	1.474	N.D.	#
44)	L9 AR-1268-4	8.971	0.000	1084333	0	4.189	N.D.	#
45)	L9 AR-1268-5	9.323	0.000	774014	0	0.396	N.D.	#

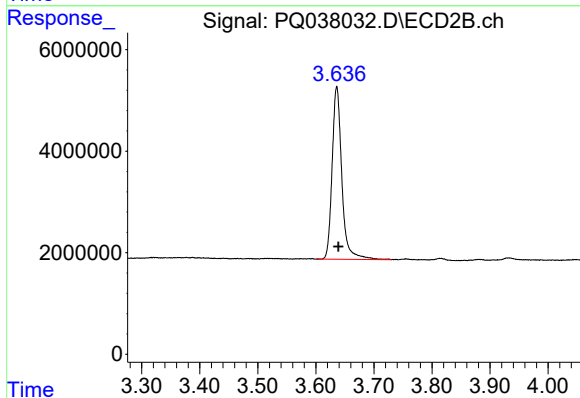
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

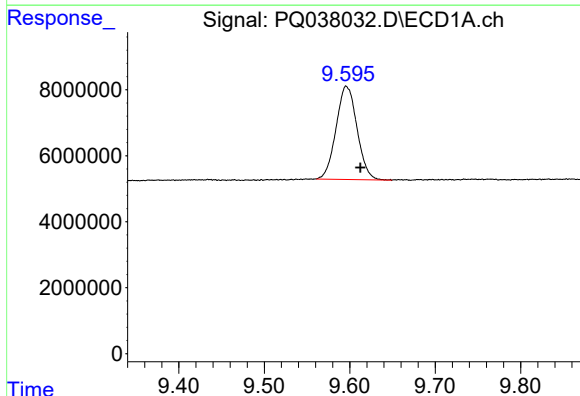
R.T.: 4.183 min
Delta R.T.: -0.007 min
Response: 74473339
Conc: 12.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



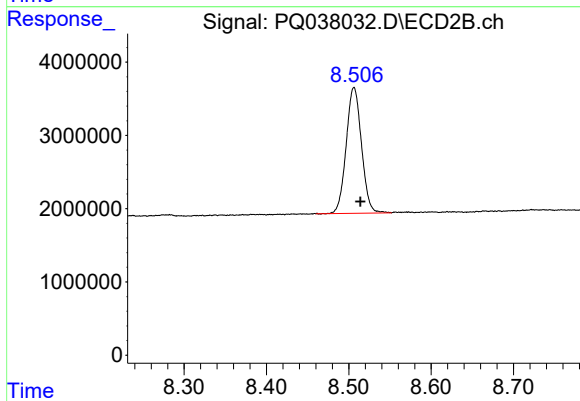
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 39458660
Conc: 12.78 ng/ml



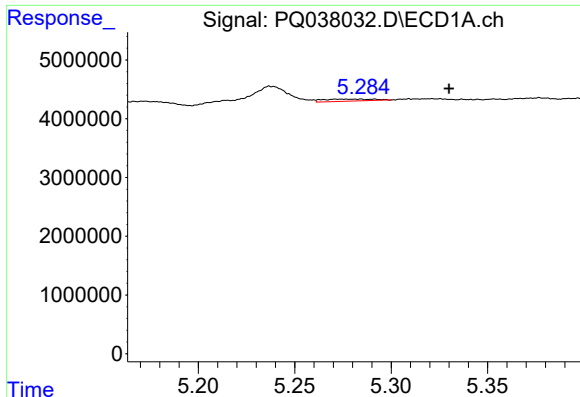
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.016 min
Response: 48198536
Conc: 10.00 ng/ml



#2 Decachlorobiphenyl

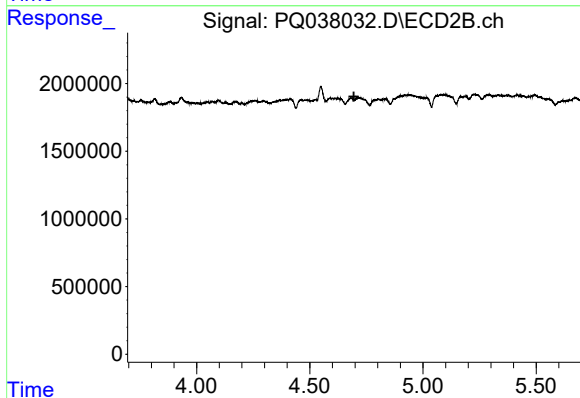
R.T.: 8.506 min
Delta R.T.: -0.008 min
Response: 22203533
Conc: 9.92 ng/ml



#3 AR-1016-1

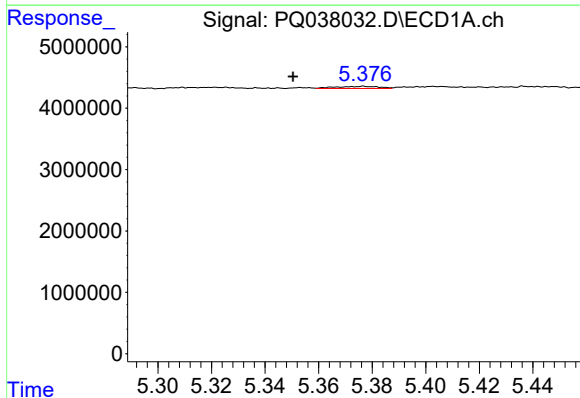
R.T.: 5.284 min
Delta R.T.: -0.046 min
Response: 666795
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



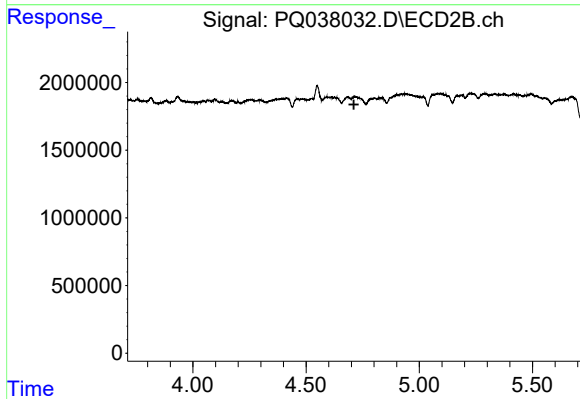
#3 AR-1016-1

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



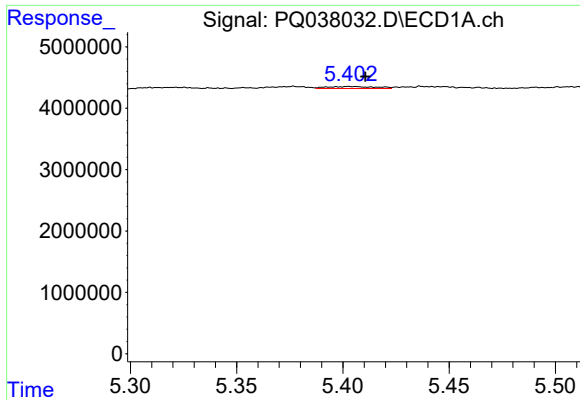
#4 AR-1016-2

R.T.: 5.377 min
Delta R.T.: 0.026 min
Response: 395331
Conc: 1.26 ng/ml



#4 AR-1016-2

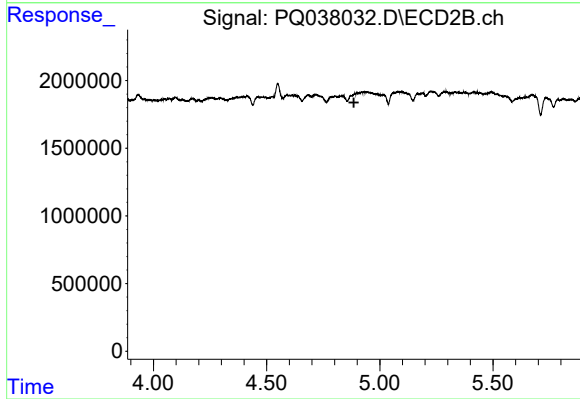
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

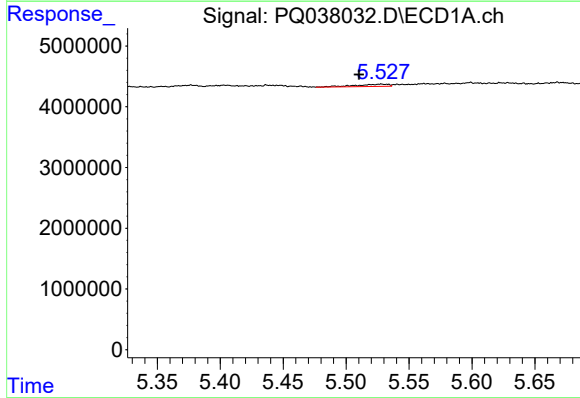
R.T.: 5.403 min
Delta R.T.: -0.007 min
Response: 518065
Conc: 2.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



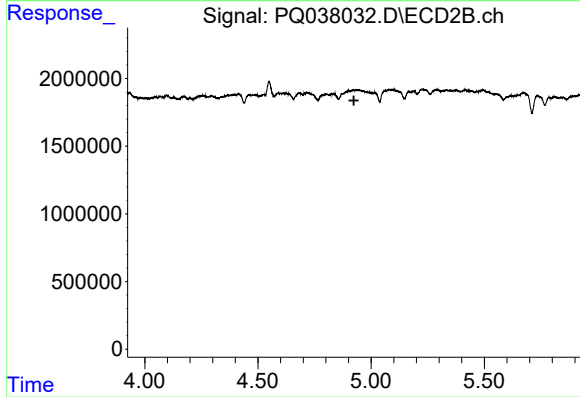
#5 AR-1016-3

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



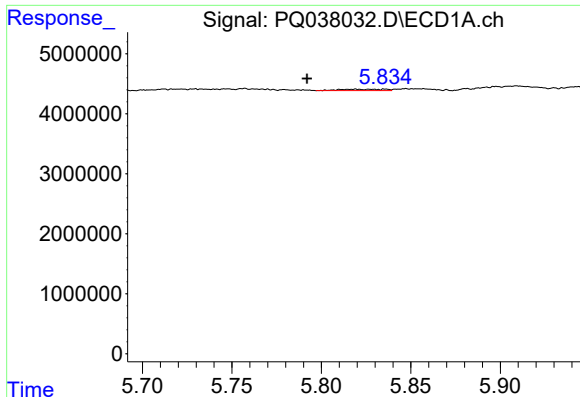
#6 AR-1016-4

R.T.: 5.528 min
Delta R.T.: 0.018 min
Response: 650554
Conc: 4.35 ng/ml



#6 AR-1016-4

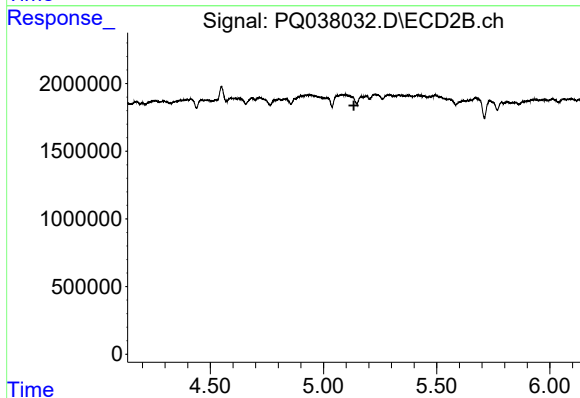
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#7 AR-1016-5

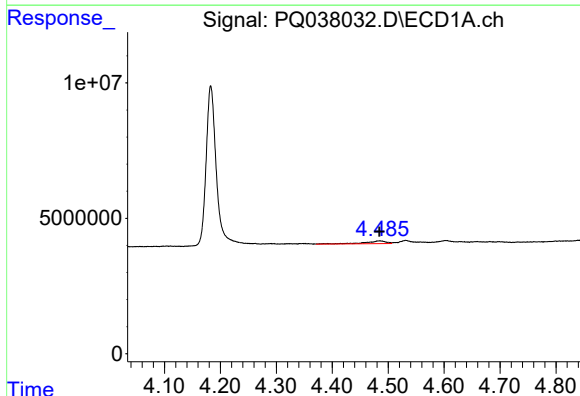
R.T.: 5.819 min
Delta R.T.: 0.027 min
Response: 409229
Conc: 2.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



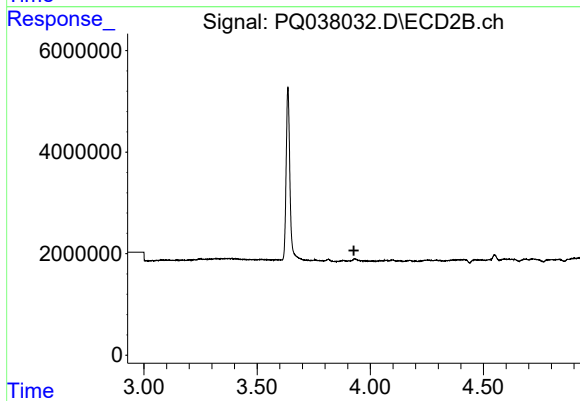
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.134 min
Response: 0
Conc: N.D.



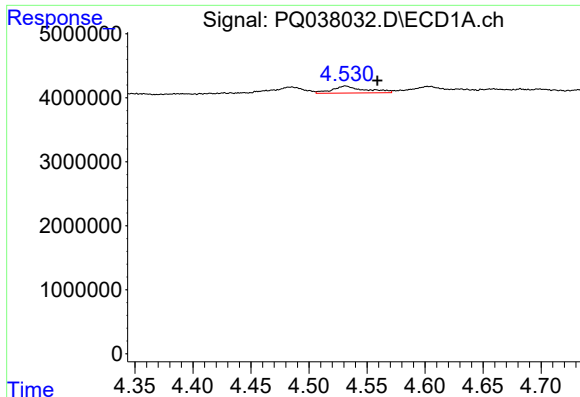
#9 AR-1221-2

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 2575814
Conc: 55.68 ng/ml



#9 AR-1221-2

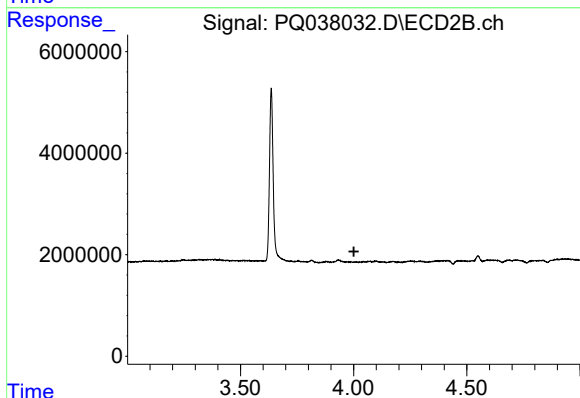
R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



#10 AR-1221-3

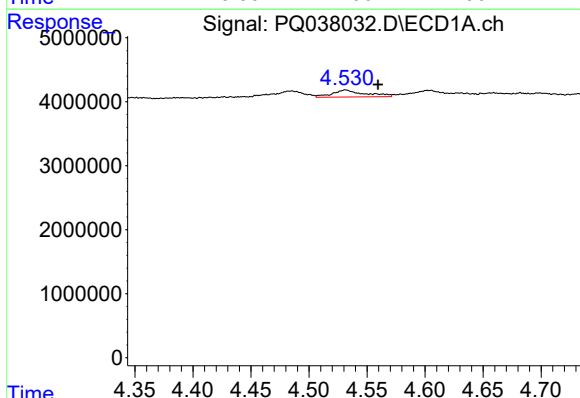
R.T.: 4.532 min
Delta R.T.: -0.028 min
Response: 2143446
Conc: 14.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



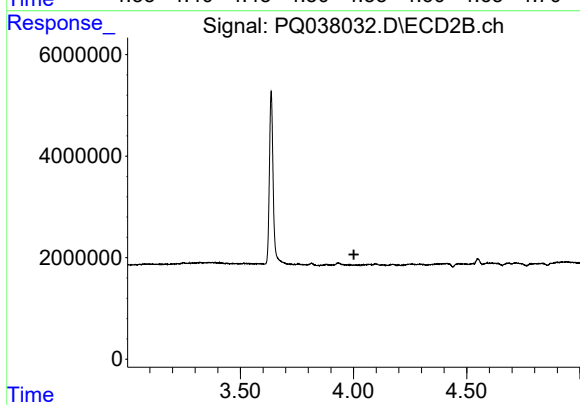
#10 AR-1221-3

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



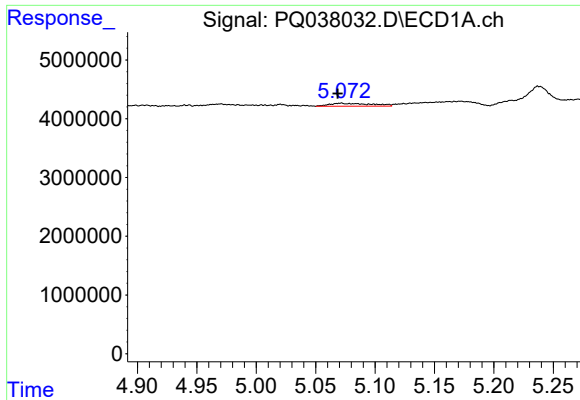
#11 AR-1232-1

R.T.: 4.532 min
Delta R.T.: -0.028 min
Response: 2143446
Conc: 17.22 ng/ml



#11 AR-1232-1

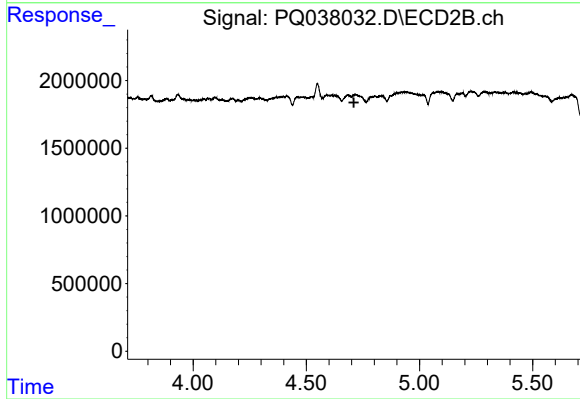
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#12 AR-1232-2

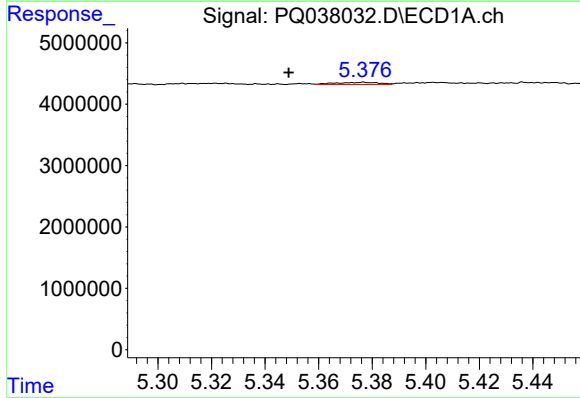
R.T.: 5.072 min
Delta R.T.: 0.003 min
Response: 1235724
Conc: 20.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



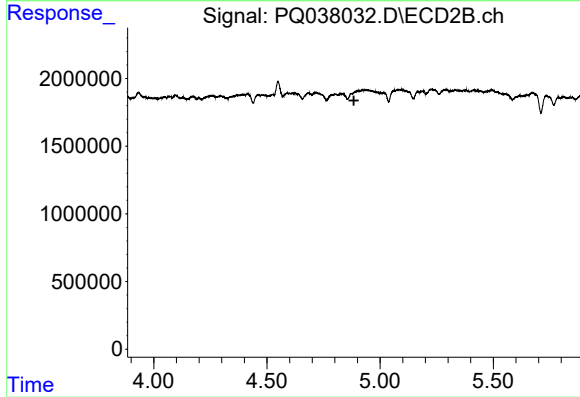
#12 AR-1232-2

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



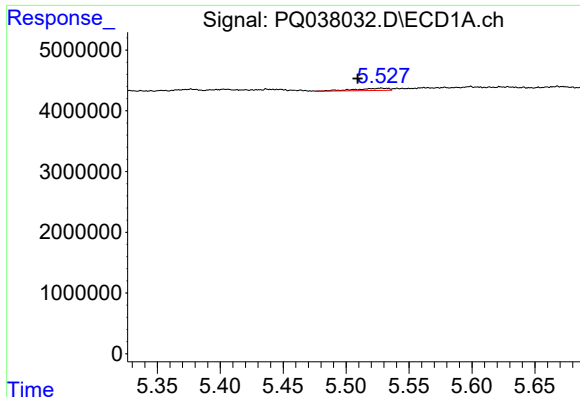
#13 AR-1232-3

R.T.: 5.377 min
Delta R.T.: 0.028 min
Response: 395331
Conc: 3.20 ng/ml



#13 AR-1232-3

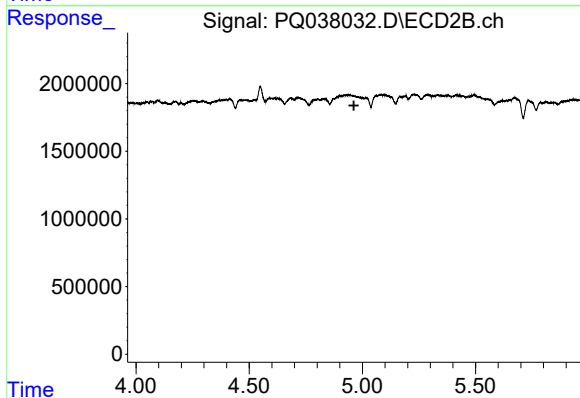
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

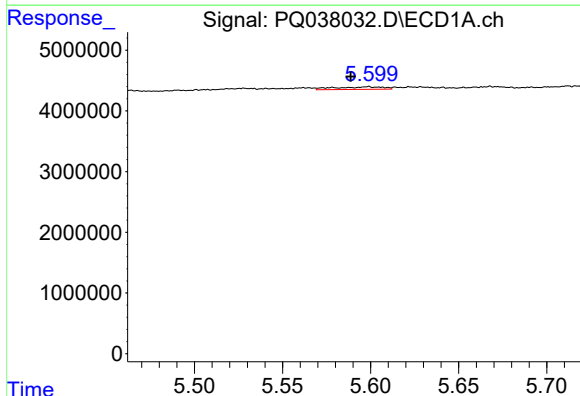
R.T.: 5.528 min
Delta R.T.: 0.019 min
Response: 650554
Conc: 11.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



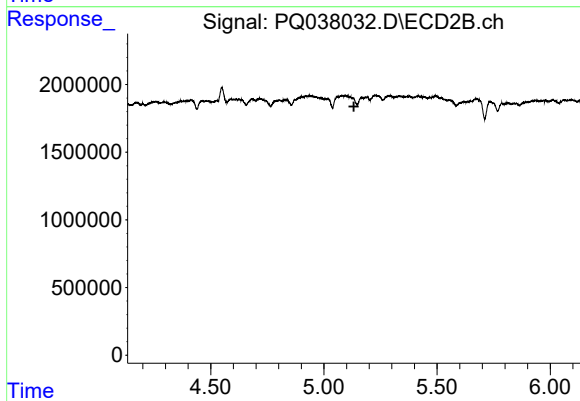
#14 AR-1232-4

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



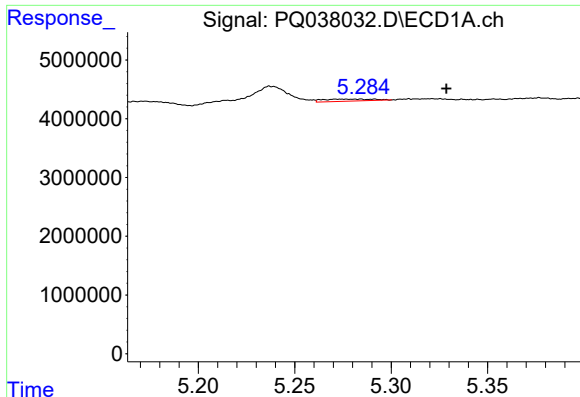
#15 AR-1232-5

R.T.: 5.599 min
Delta R.T.: 0.010 min
Response: 808551
Conc: 18.91 ng/ml



#15 AR-1232-5

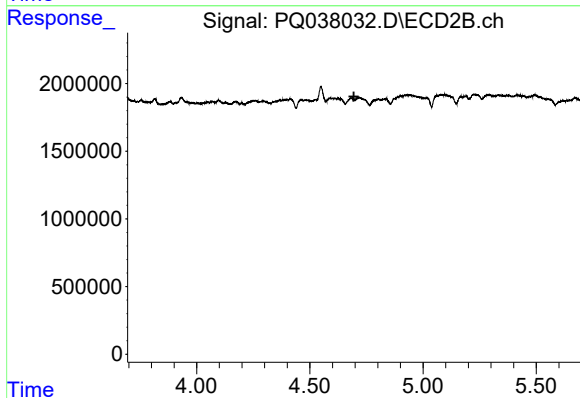
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#16 AR-1242-1

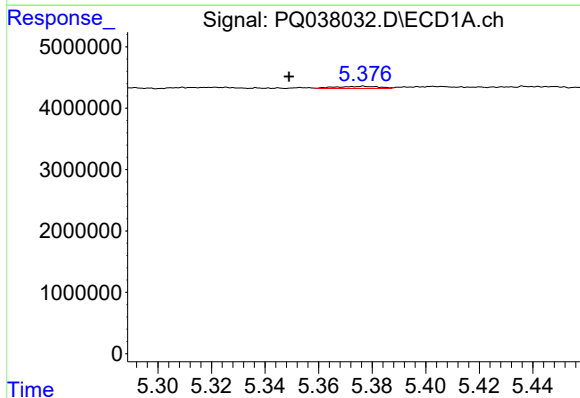
R.T.: 5.284 min
Delta R.T.: -0.045 min
Response: 666795
Conc: 4.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



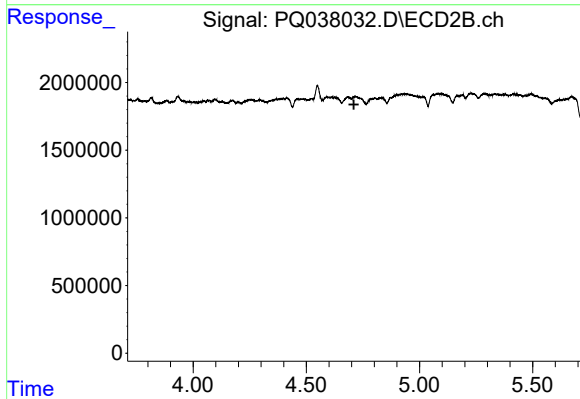
#16 AR-1242-1

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



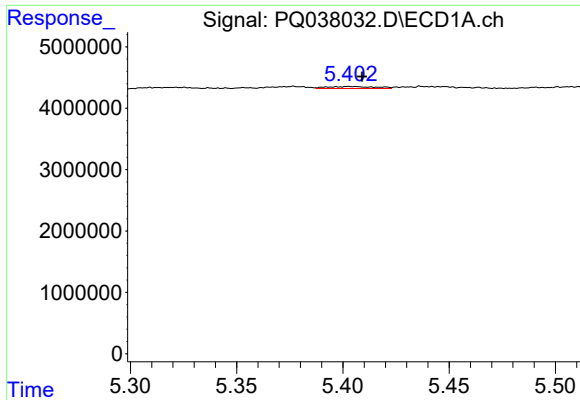
#17 AR-1242-2

R.T.: 5.377 min
Delta R.T.: 0.028 min
Response: 395331
Conc: 1.55 ng/ml



#17 AR-1242-2

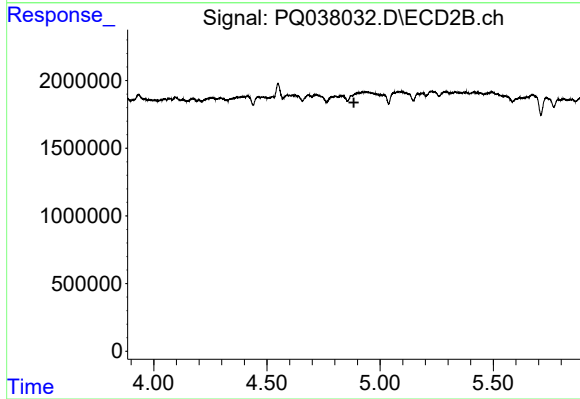
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#18 AR-1242-3

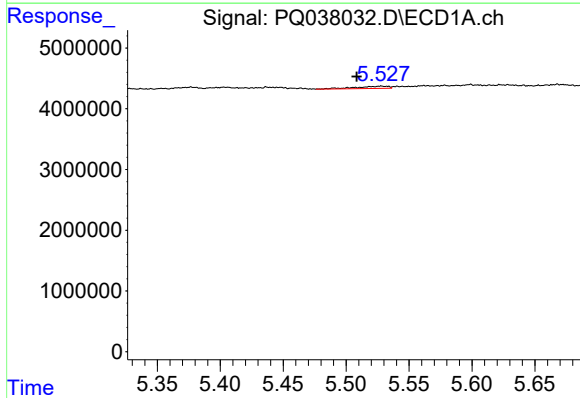
R.T.: 5.403 min
Delta R.T.: -0.006 min
Response: 518065
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



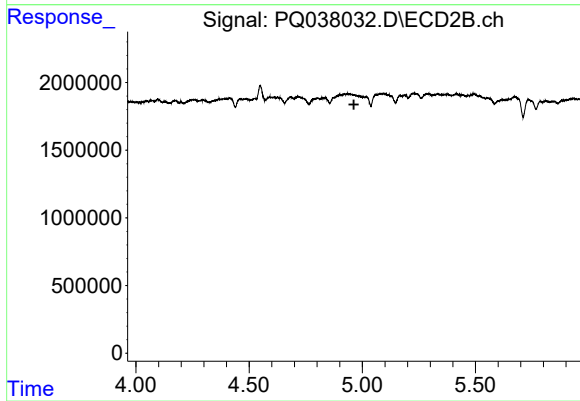
#18 AR-1242-3

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



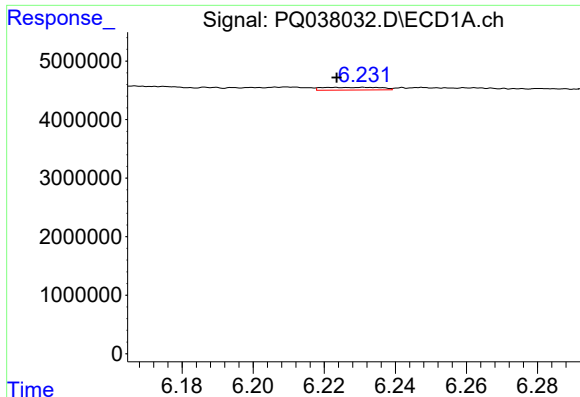
#19 AR-1242-4

R.T.: 5.528 min
Delta R.T.: 0.020 min
Response: 650554
Conc: 5.31 ng/ml



#19 AR-1242-4

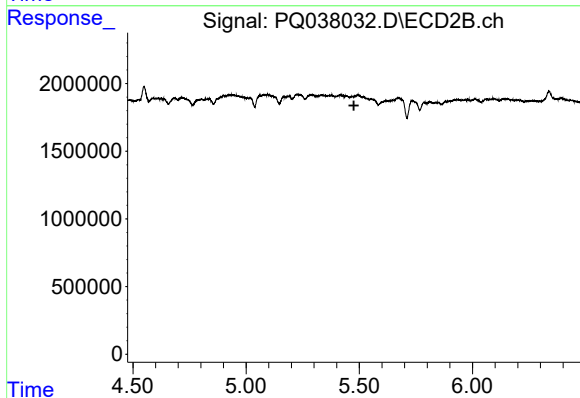
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#20 AR-1242-5

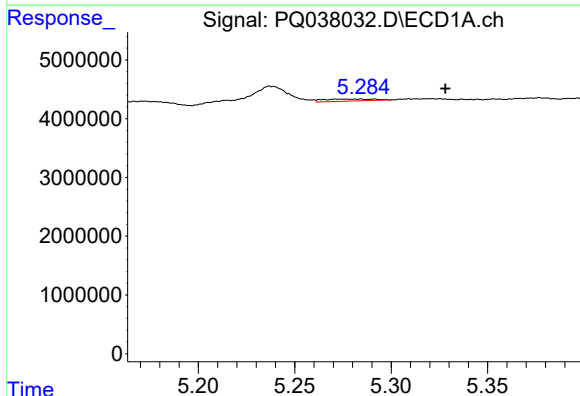
R.T.: 6.231 min
Delta R.T.: 0.008 min
Response: 530080
Conc: 3.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



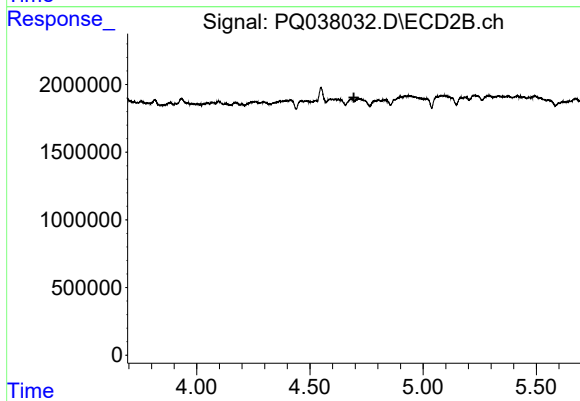
#20 AR-1242-5

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



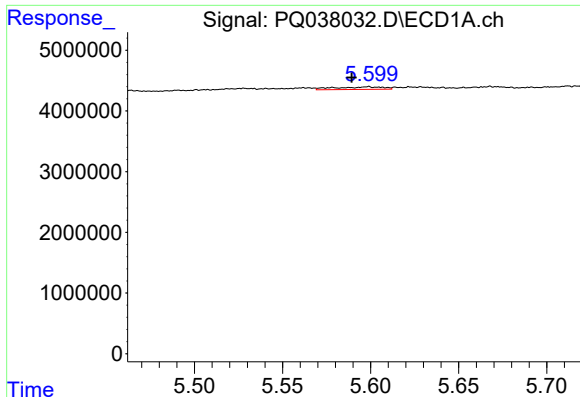
#21 AR-1248-1

R.T.: 5.284 min
Delta R.T.: -0.045 min
Response: 666795
Conc: 4.21 ng/ml



#21 AR-1248-1

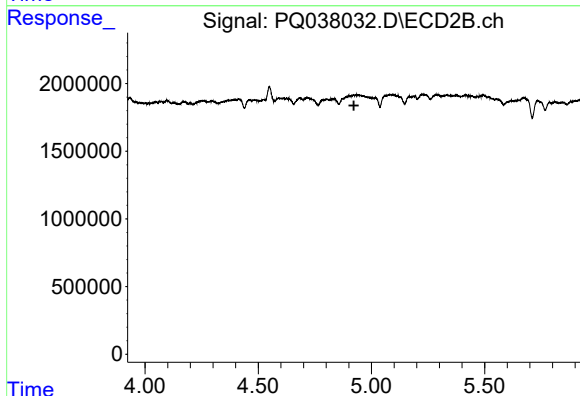
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#22 AR-1248-2

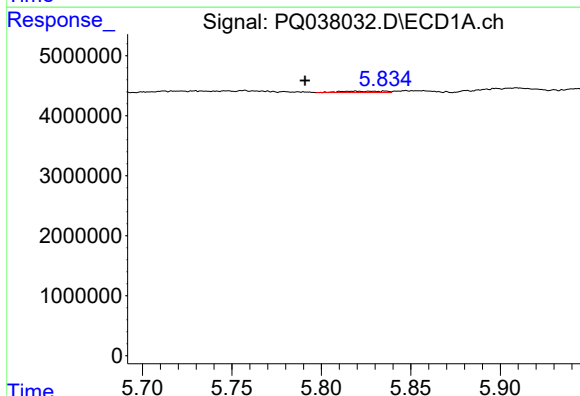
R.T.: 5.599 min
Delta R.T.: 0.009 min
Response: 808551
Conc: 3.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



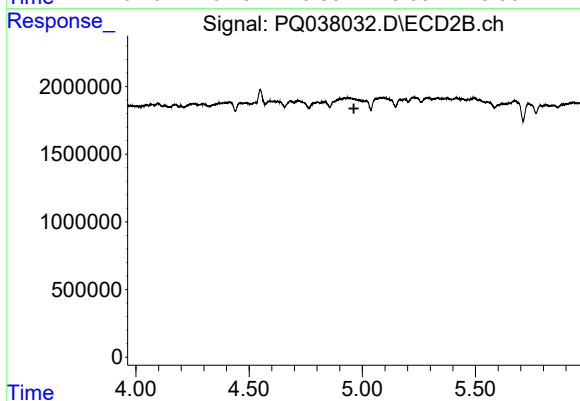
#22 AR-1248-2

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



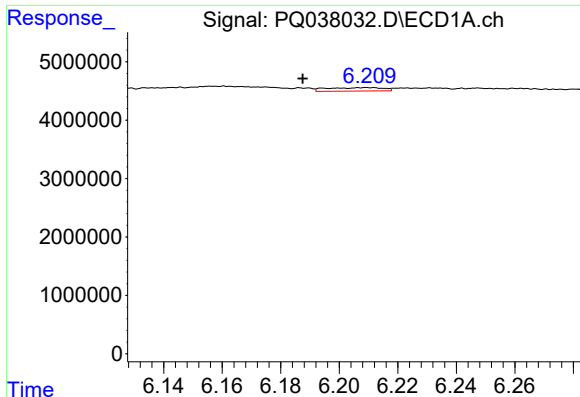
#23 AR-1248-3

R.T.: 5.819 min
Delta R.T.: 0.028 min
Response: 409229
Conc: 1.67 ng/ml



#23 AR-1248-3

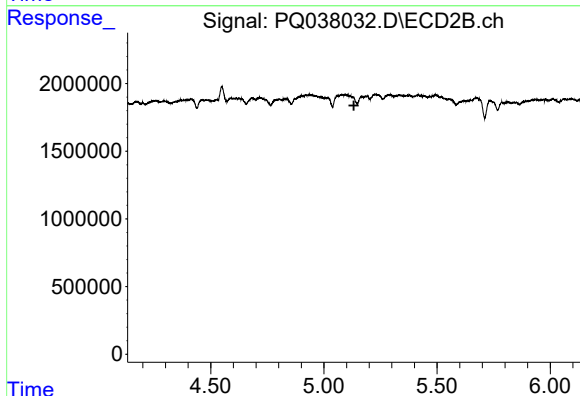
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#24 AR-1248-4

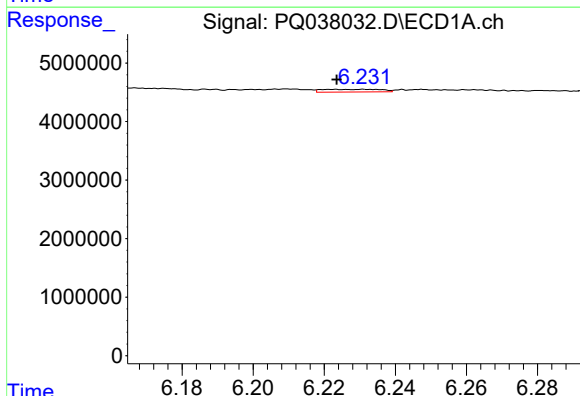
R.T.: 6.210 min
Delta R.T.: 0.022 min
Response: 792729
Conc: 2.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



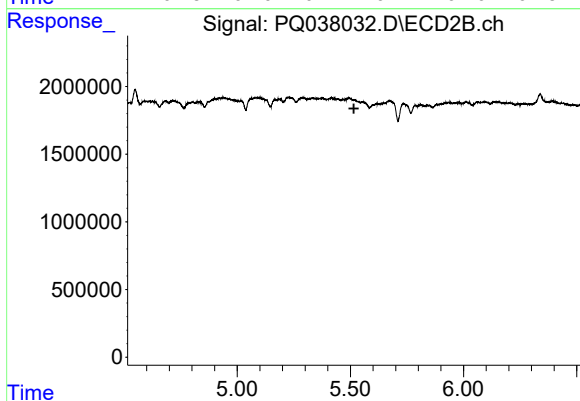
#24 AR-1248-4

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



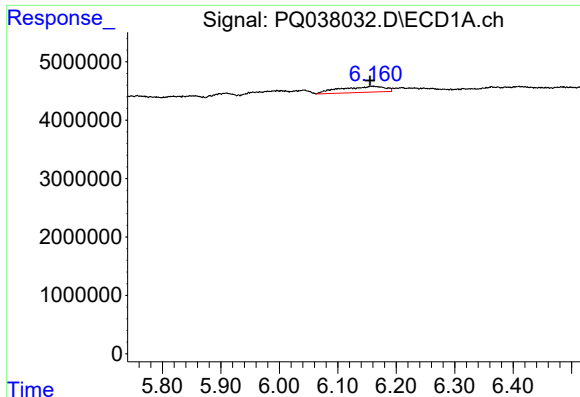
#25 AR-1248-5

R.T.: 6.231 min
Delta R.T.: 0.008 min
Response: 530080
Conc: 2.00 ng/ml



#25 AR-1248-5

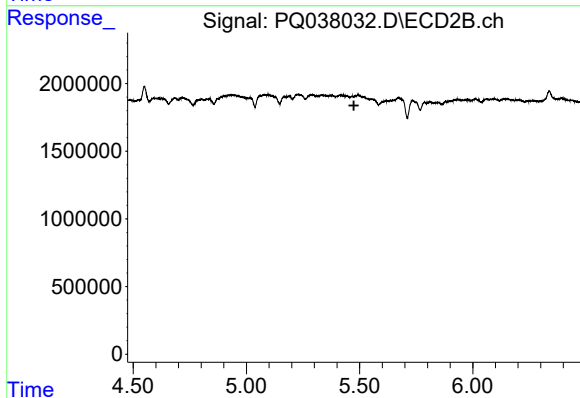
R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



#26 AR-1254-1

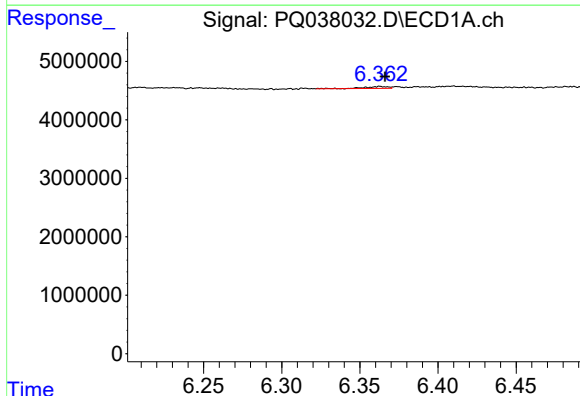
R.T.: 6.161 min
Delta R.T.: 0.005 min
Response: 5384892
Conc: 27.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



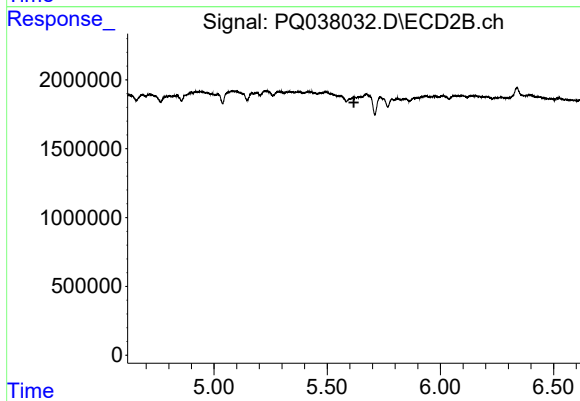
#26 AR-1254-1

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



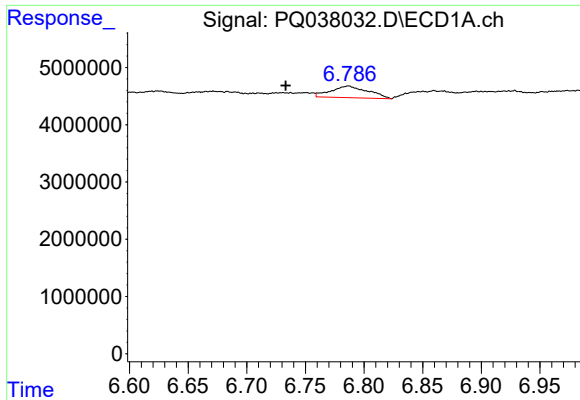
#27 AR-1254-2

R.T.: 6.363 min
Delta R.T.: -0.003 min
Response: 353581
Conc: 1.15 ng/ml



#27 AR-1254-2

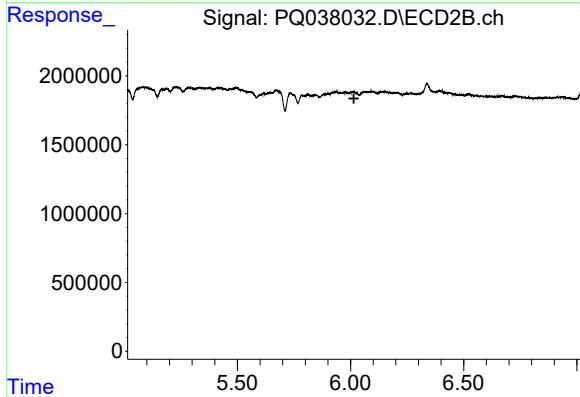
R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



#28 AR-1254-3

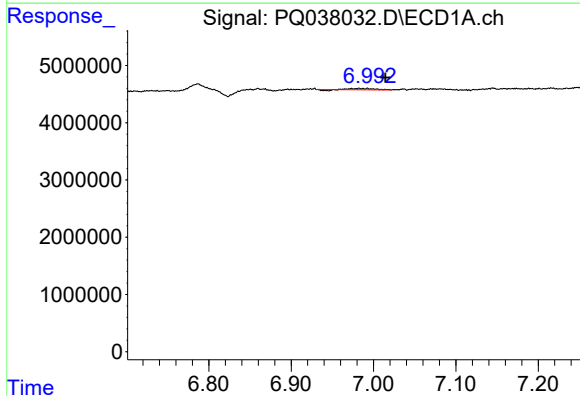
R.T.: 6.787 min
Delta R.T.: 0.053 min
Response: 4475945
Conc: 14.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



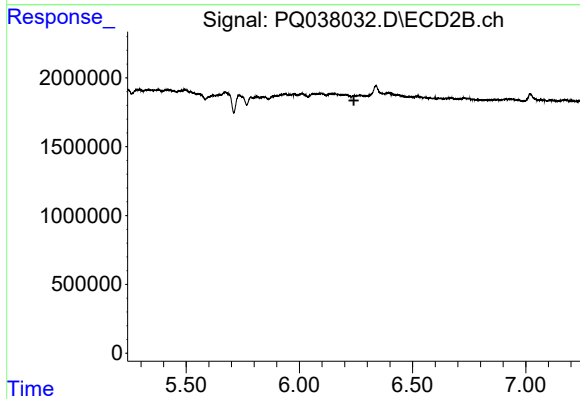
#28 AR-1254-3

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



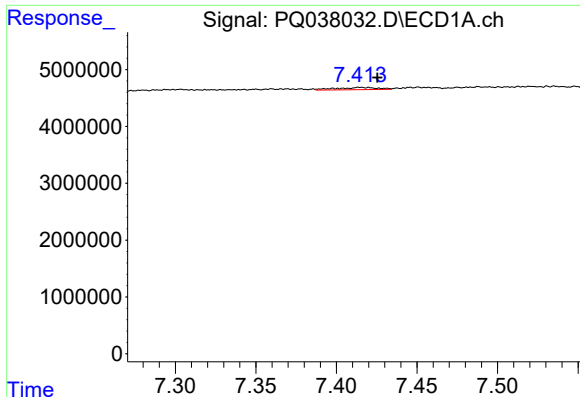
#29 AR-1254-4

R.T.: 6.993 min
Delta R.T.: -0.022 min
Response: 429864
Conc: 1.69 ng/ml



#29 AR-1254-4

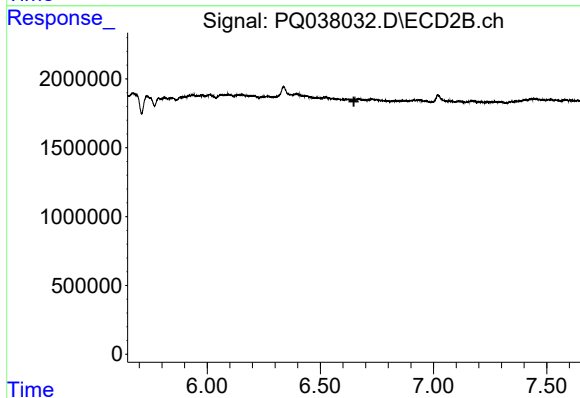
R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



#30 AR-1254-5

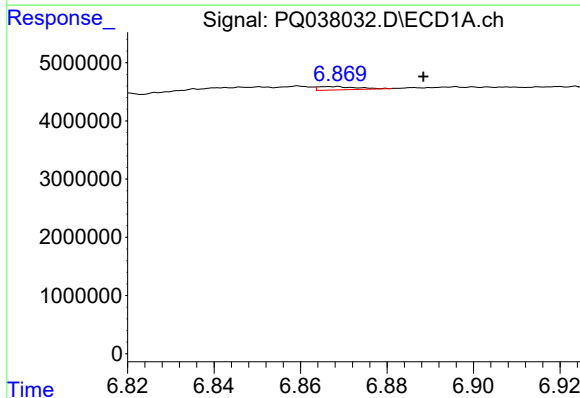
R.T.: 7.415 min
Delta R.T.: -0.011 min
Response: 704593
Conc: 2.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



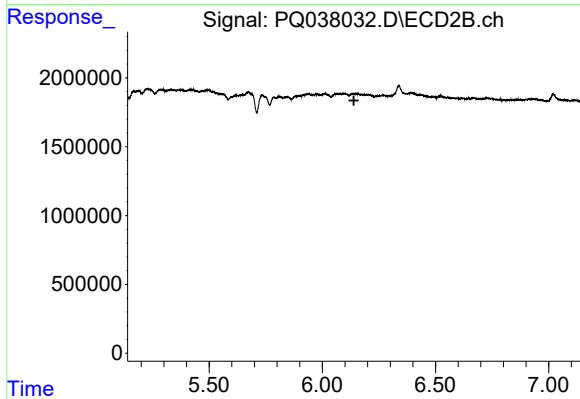
#30 AR-1254-5

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



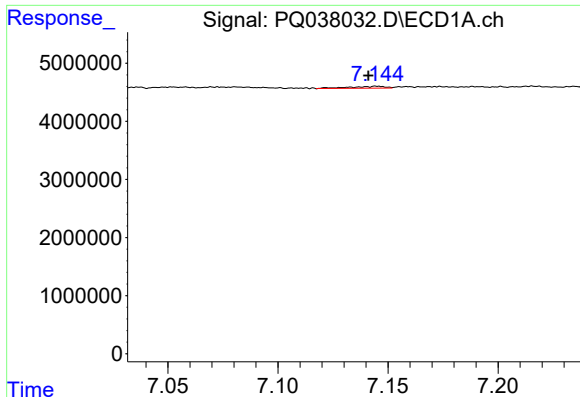
#31 AR-1260-1

R.T.: 6.867 min
Delta R.T.: -0.021 min
Response: 346040
Conc: 1.34 ng/ml



#31 AR-1260-1

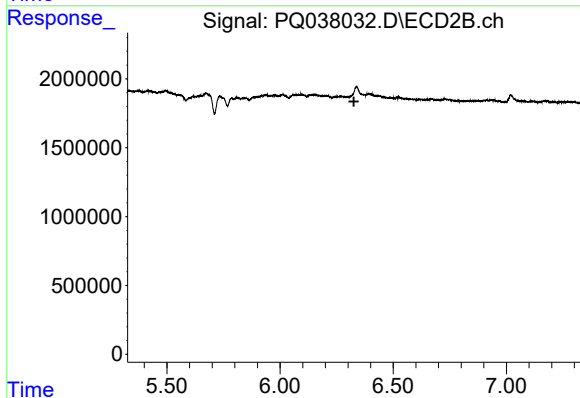
R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



#32 AR-1260-2

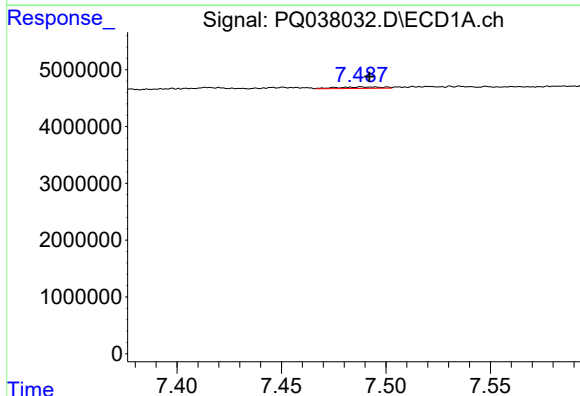
R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 354542
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



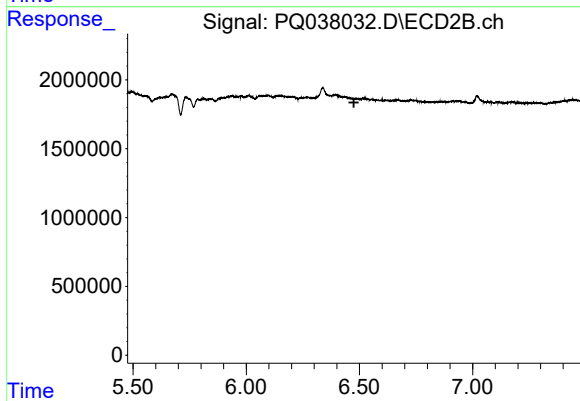
#32 AR-1260-2

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



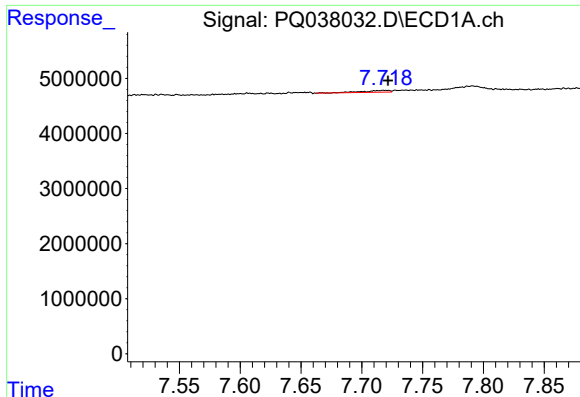
#33 AR-1260-3

R.T.: 7.488 min
Delta R.T.: -0.004 min
Response: 393076
Conc: 1.39 ng/ml



#33 AR-1260-3

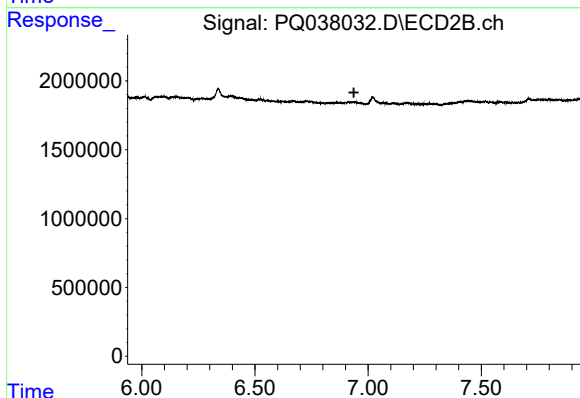
R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



#34 AR-1260-4

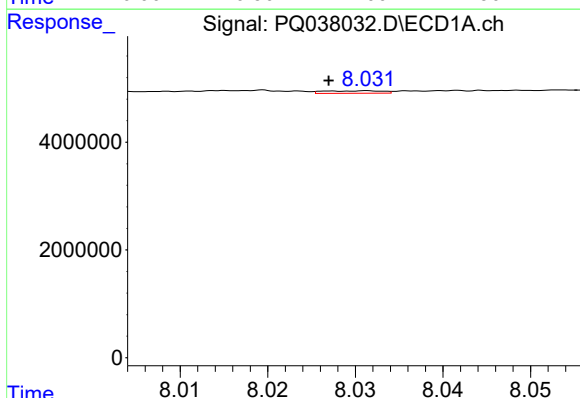
R.T.: 7.719 min
Delta R.T.: -0.003 min
Response: 497322
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



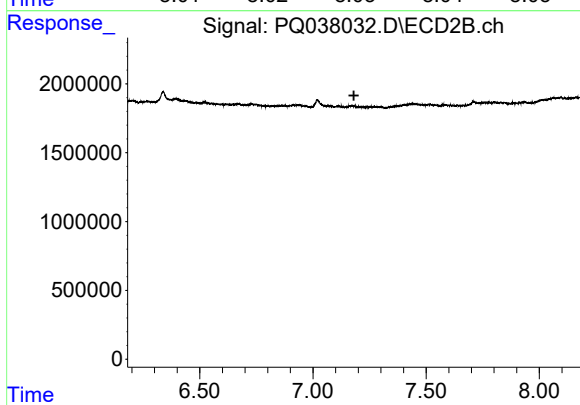
#34 AR-1260-4

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



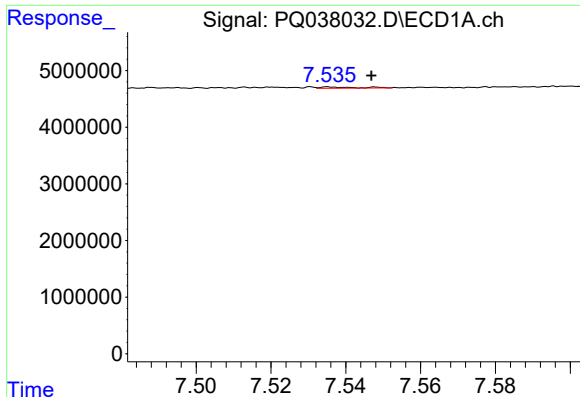
#35 AR-1260-5

R.T.: 8.031 min
Delta R.T.: 0.004 min
Response: 204259
Conc: 0.32 ng/ml



#35 AR-1260-5

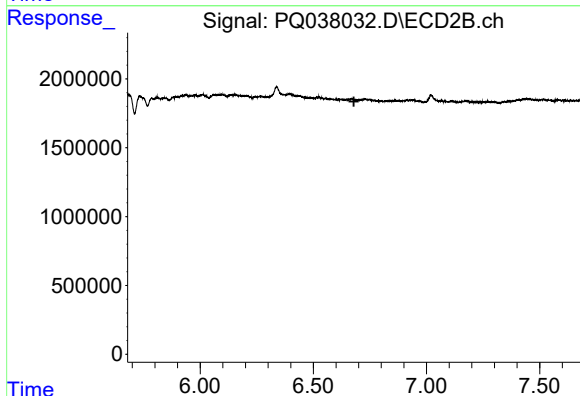
R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



#36 AR-1262-1

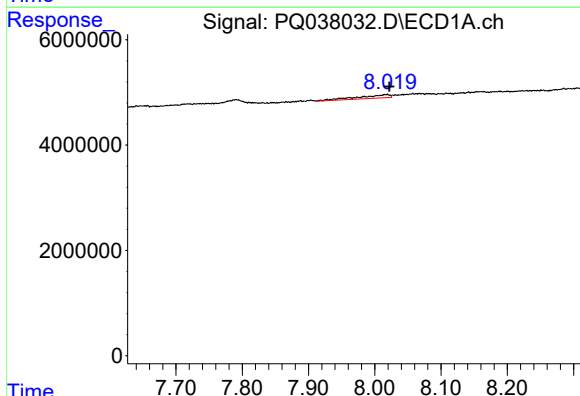
R.T.: 7.536 min
Delta R.T.: -0.011 min
Response: 148286
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



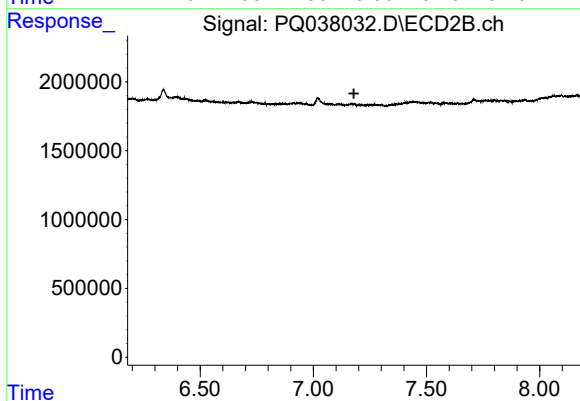
#36 AR-1262-1

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



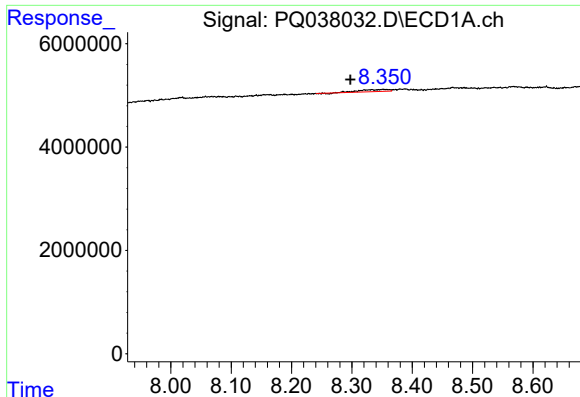
#37 AR-1262-2

R.T.: 8.018 min
Delta R.T.: -0.004 min
Response: 2130002
Conc: 3.04 ng/ml



#37 AR-1262-2

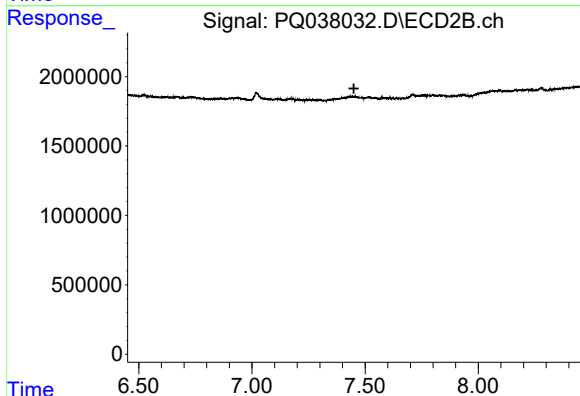
R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



#38 AR-1262-3

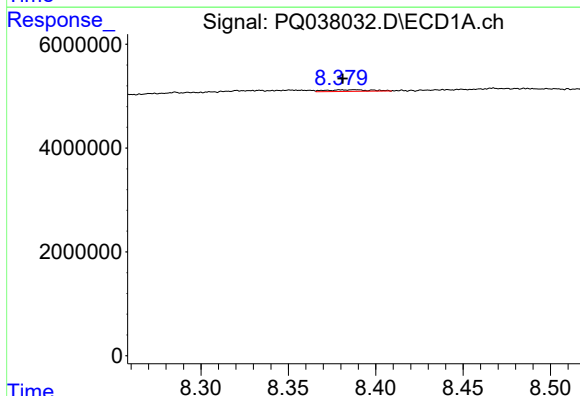
R.T.: 8.352 min
Delta R.T.: 0.055 min
Response: 1293427
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



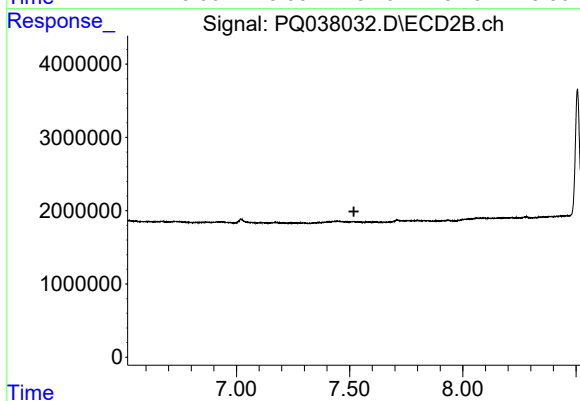
#38 AR-1262-3

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



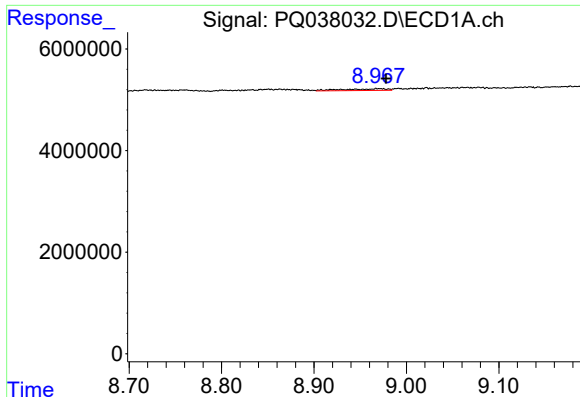
#39 AR-1262-4

R.T.: 8.388 min
Delta R.T.: 0.006 min
Response: 564258
Conc: 1.63 ng/ml



#39 AR-1262-4

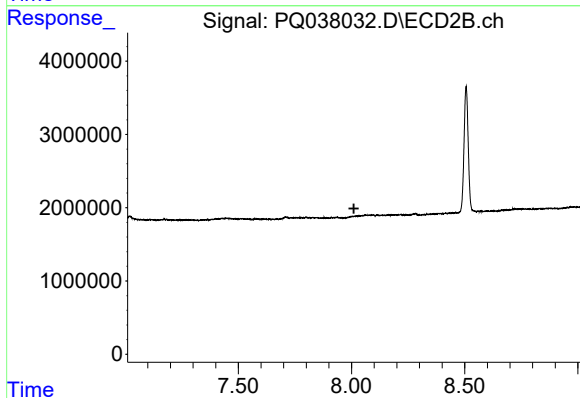
R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



#40 AR-1262-5

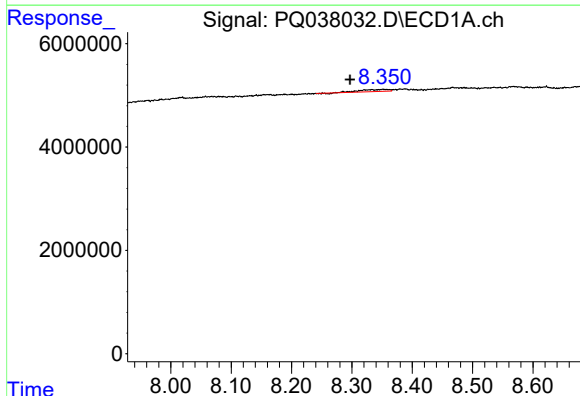
R.T.: 8.971 min
Delta R.T.: -0.007 min
Response: 1084333
Conc: 4.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



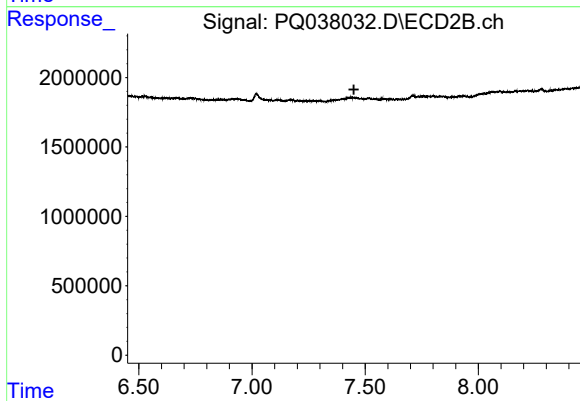
#40 AR-1262-5

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



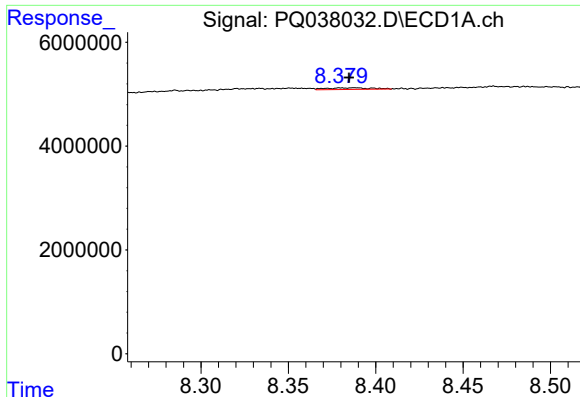
#41 AR-1268-1

R.T.: 8.352 min
Delta R.T.: 0.055 min
Response: 1293427
Conc: 1.57 ng/ml



#41 AR-1268-1

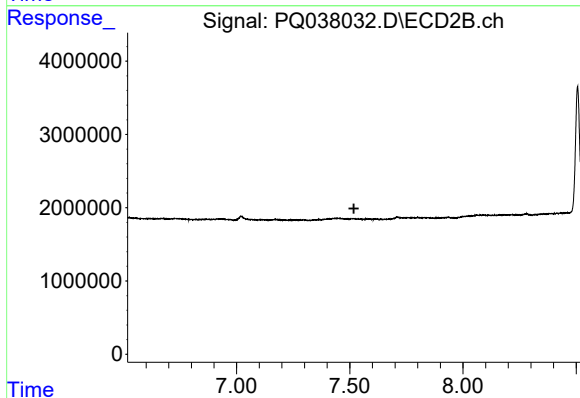
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#42 AR-1268-2

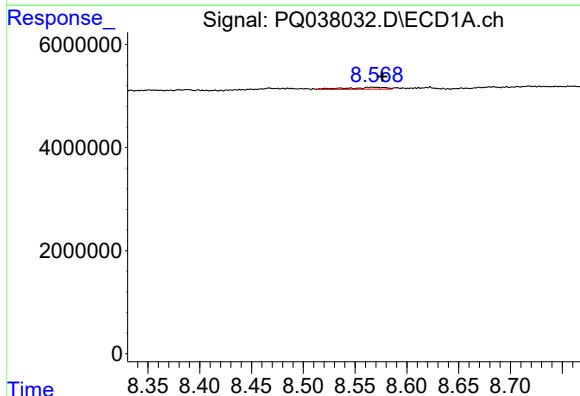
R.T.: 8.388 min
Delta R.T.: 0.003 min
Response: 564258
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



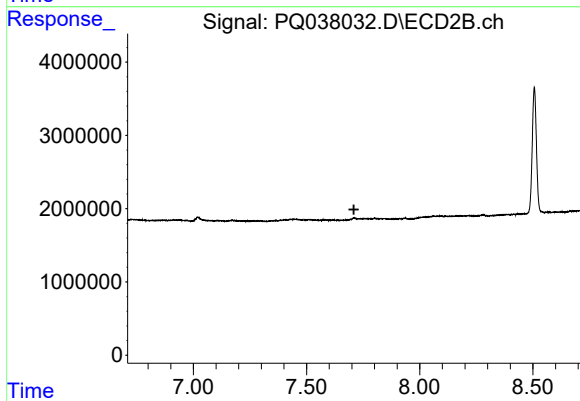
#42 AR-1268-2

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



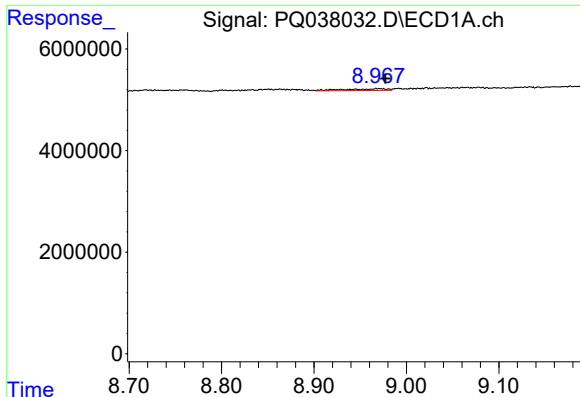
#43 AR-1268-3

R.T.: 8.567 min
Delta R.T.: -0.009 min
Response: 966411
Conc: 1.47 ng/ml



#43 AR-1268-3

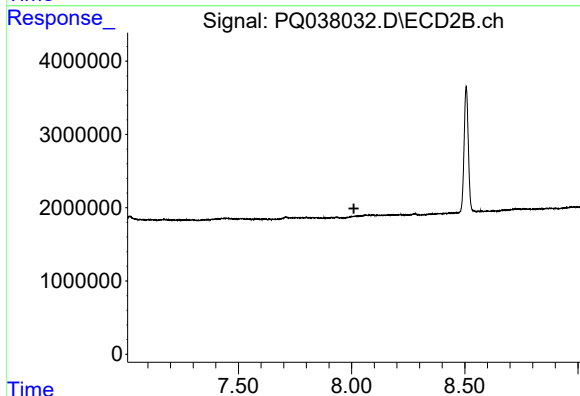
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#44 AR-1268-4

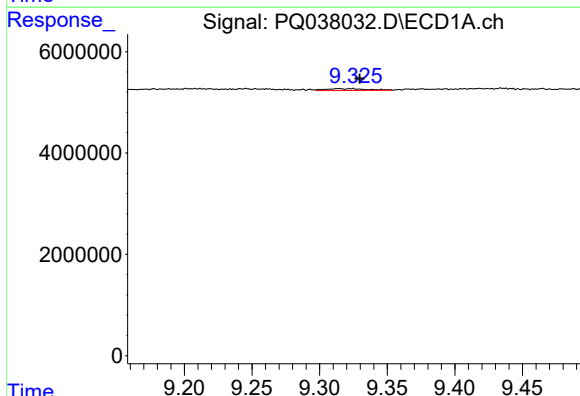
R.T.: 8.971 min
Delta R.T.: -0.007 min
Response: 1084333
Conc: 4.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



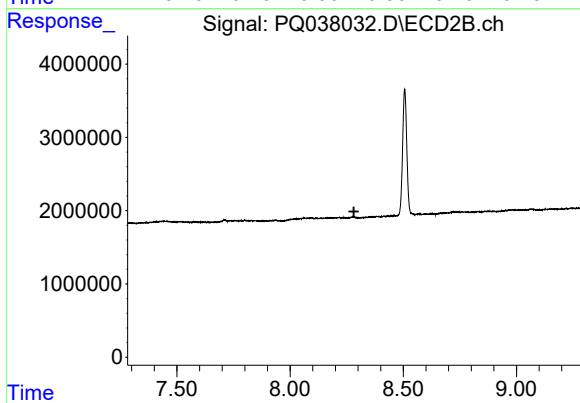
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.323 min
Delta R.T.: -0.007 min
Response: 774014
Conc: 0.40 ng/ml



#45 AR-1268-5

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