

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032219\
 Data File : PQ038133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2019 09:45
 Operator : SM\SJ
 Sample : K2002-03
 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 22 11:35:05 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	3.630	130.2E6	65628587	22.381	21.249
2)	SA Decachlor...	9.599	8.506	111.8E6	49276199	23.190	22.010
Target Compounds							
3)	L1 AR-1016-1	5.376	0.000	222935	0	1.108	N.D. #
4)	L1 AR-1016-2	5.376	0.000	222935	0	0.710	N.D. #
5)	L1 AR-1016-3	5.410	0.000	321996	0	1.768	N.D. #
6)	L1 AR-1016-4	5.496	0.000	519015	0	3.469	N.D. #
7)	L1 AR-1016-5	5.730	0.000	351961	0	2.424	N.D. #
9)	L2 AR-1221-2	4.484	0.000	1681743	0	36.354	N.D. #
10)	L2 AR-1221-3	4.556	0.000	257686	0	1.686	N.D. #
11)	L3 AR-1232-1	4.556	0.000	257686	0	2.071	N.D. #
12)	L3 AR-1232-2	5.070	0.000	318866	0	5.415	N.D. #
13)	L3 AR-1232-3	5.376	0.000	222935	0	1.805	N.D. #
14)	L3 AR-1232-4	5.496	0.000	519015	0	8.911	N.D. #
15)	L3 AR-1232-5	5.612	0.000	410293	0	9.598	N.D. #
16)	L4 AR-1242-1	5.376	0.000	222935	0	1.357	N.D. #
17)	L4 AR-1242-2	5.376	0.000	222935	0	0.874	N.D. #
18)	L4 AR-1242-3	5.410	0.000	321996	0	2.183	N.D. #
19)	L4 AR-1242-4	5.496	0.000	519015	0	4.240	N.D. #
20)	L4 AR-1242-5	6.229	0.000	448259	0	3.281	N.D. #
21)	L5 AR-1248-1	5.376	0.000	222935	0	1.408	N.D. #
22)	L5 AR-1248-2	5.612	0.000	410293	0	1.875	N.D. #
23)	L5 AR-1248-3	5.730	0.000	351961	0	1.433	N.D. #
24)	L5 AR-1248-4	6.180	0.000	490588	0	1.754	N.D. #
25)	L5 AR-1248-5	6.229	0.000	448259	0	1.691	N.D. #
26)	L6 AR-1254-1	6.164	0.000	2297757	0	11.696	N.D. #
27)	L6 AR-1254-2	6.337	0.000	440311	0	1.437	N.D. #
28)	L6 AR-1254-3	6.729	0.000	2495130	0	8.012	N.D. #
29)	L6 AR-1254-4	7.001	0.000	201618	0	0.794	N.D. #
30)	L6 AR-1254-5	7.424	0.000	2219752	0	7.523	N.D. #
31)	L7 AR-1260-1	6.882	0.000	534177	0	2.063	N.D. #
32)	L7 AR-1260-2	7.135	0.000	997754	0	2.895	N.D. #
33)	L7 AR-1260-3	7.536	0.000	2319114	0	8.177	N.D. #
34)	L7 AR-1260-4	7.718	0.000	592067	0	2.199	N.D. #
35)	L7 AR-1260-5	8.022	0.000	3471018	0	5.509	N.D. #
36)	L8 AR-1262-1	7.536	0.000	2319114	0	15.016	N.D. #
37)	L8 AR-1262-2	8.022	0.000	3471018	0	4.948	N.D. #
38)	L8 AR-1262-3	8.327	0.000	328732	0	1.097	N.D. #
39)	L8 AR-1262-4	8.371	0.000	561257	0	1.618	N.D. #
40)	L8 AR-1262-5	8.975	0.000	2351200	0	9.840	N.D. #
41)	L9 AR-1268-1	8.327	0.000	328732	0	0.399	N.D. #
42)	L9 AR-1268-2	8.371	0.000	561257	0	0.752	N.D. #

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 Sample : K2002-03
 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 22 11:35:05 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	
43)	L9 AR-1268-3	8.573	0.000	1535205	0	2.341	N.D.	#
44)	L9 AR-1268-4	8.975	0.000	2351200	0	9.083	N.D.	#
45)	L9 AR-1268-5	9.324	0.000	5379417	0	2.756	N.D.	#

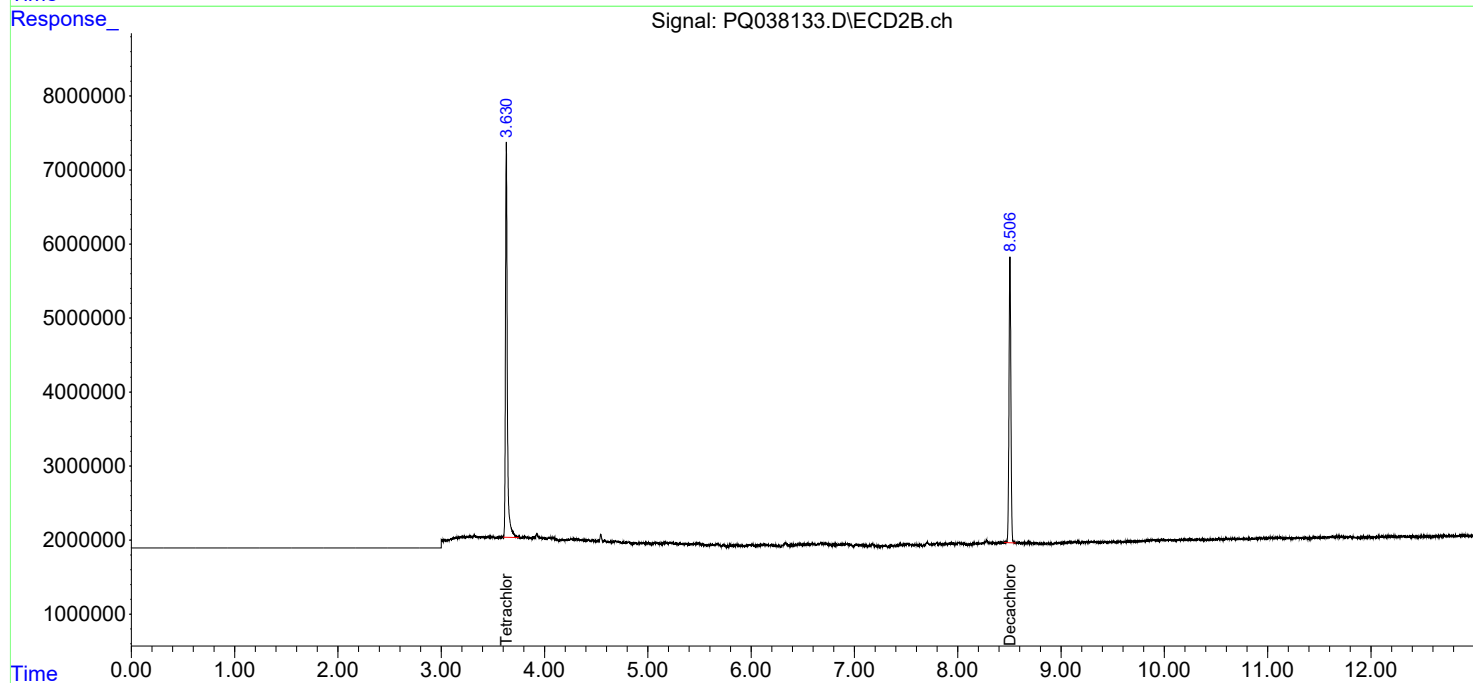
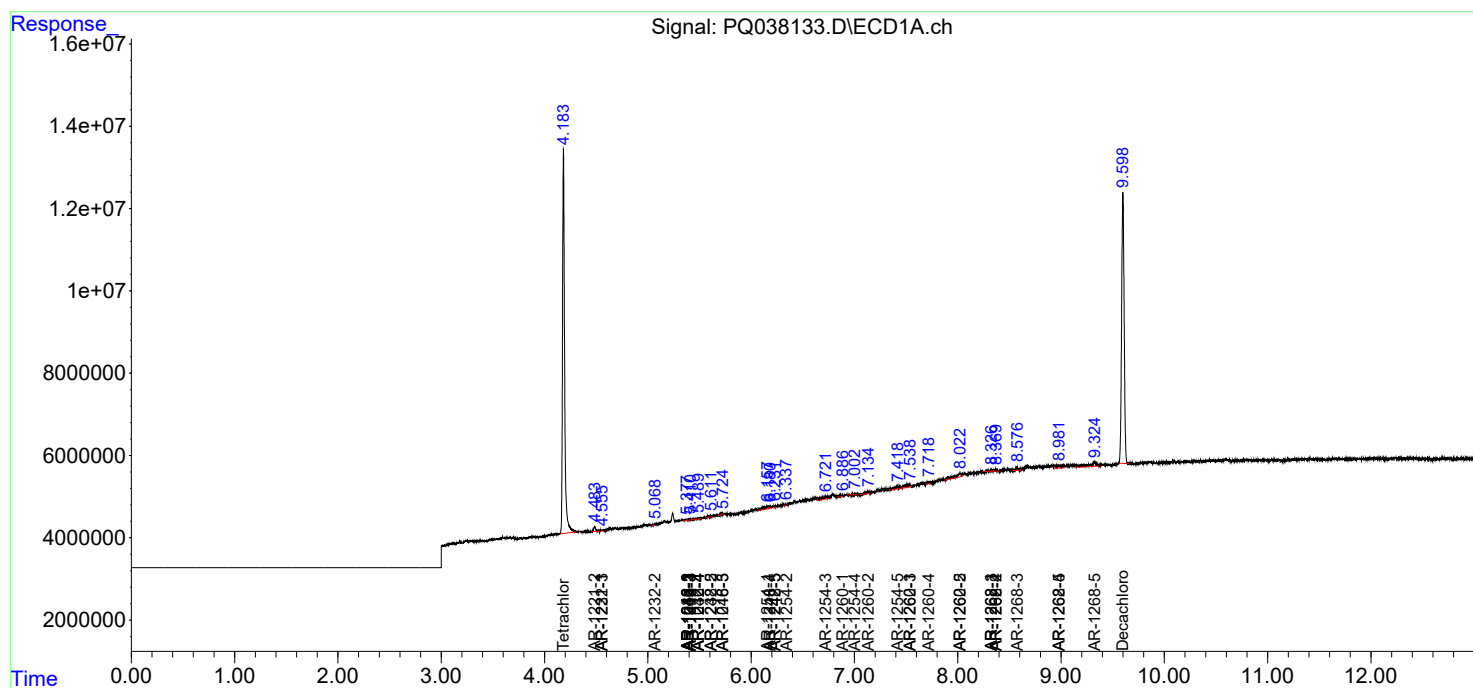
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

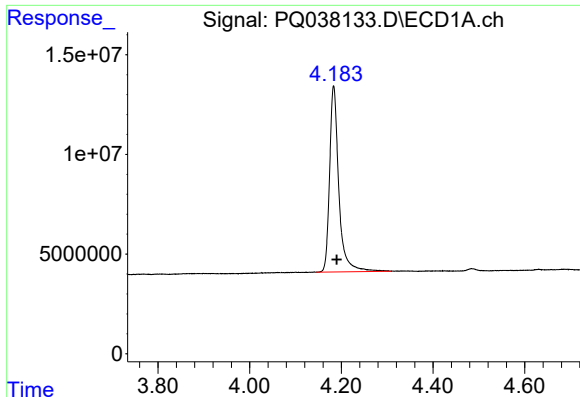
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Data File : PQ038133.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Mar 2019 09:45
Operator : SM\SJ
Sample : K2002-03
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 11:35:05 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 20 09:51:59 2019
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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

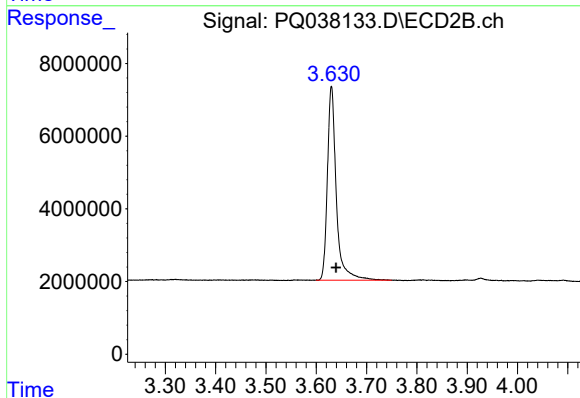




#1 Tetrachloro-m-xylene

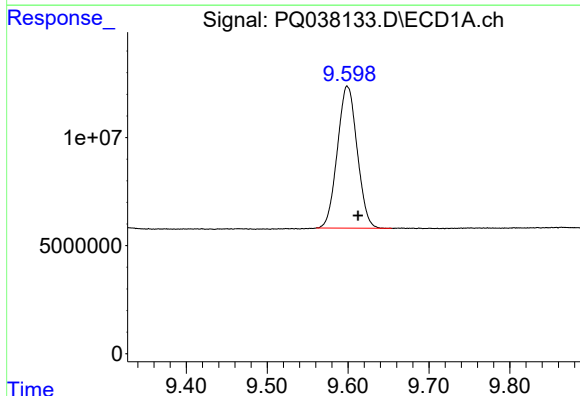
R.T.: 4.183 min
Delta R.T.: -0.007 min
Response: 130228090
Conc: 22.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



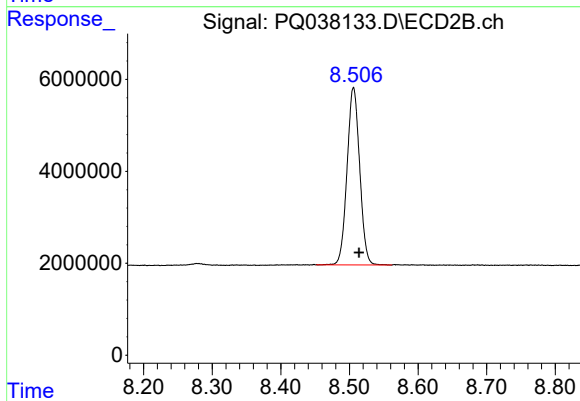
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.009 min
Response: 65628587
Conc: 21.25 ng/ml



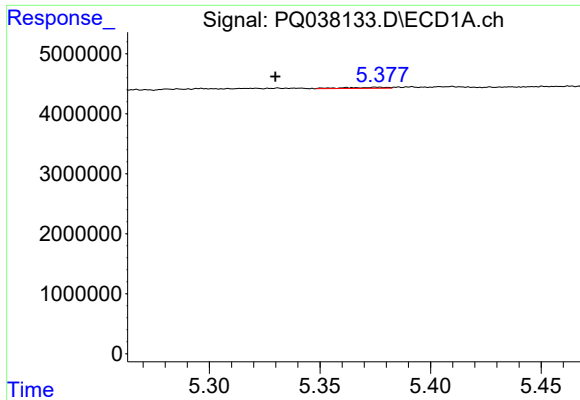
#2 Decachlorobiphenyl

R.T.: 9.599 min
Delta R.T.: -0.013 min
Response: 111806511
Conc: 23.19 ng/ml



#2 Decachlorobiphenyl

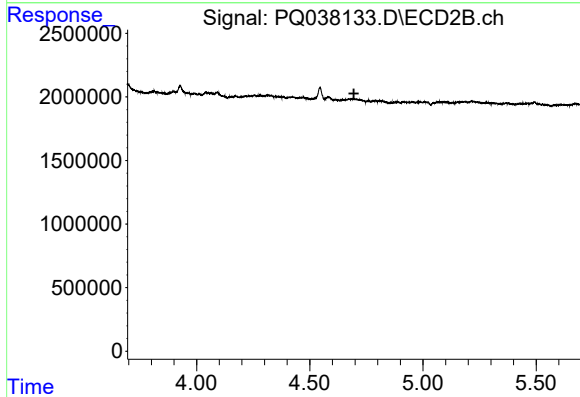
R.T.: 8.506 min
Delta R.T.: -0.008 min
Response: 49276199
Conc: 22.01 ng/ml



#3 AR-1016-1

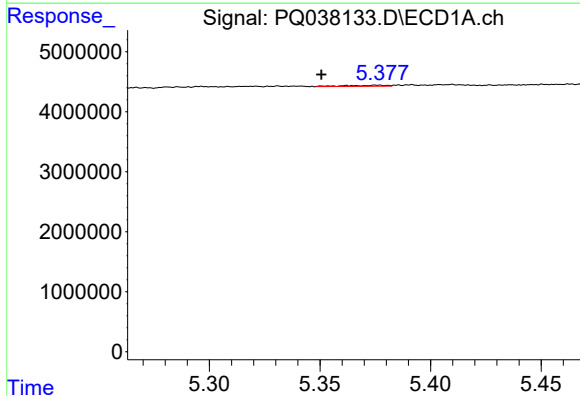
R.T.: 5.376 min
Delta R.T.: 0.046 min
Response: 222935
Conc: 1.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



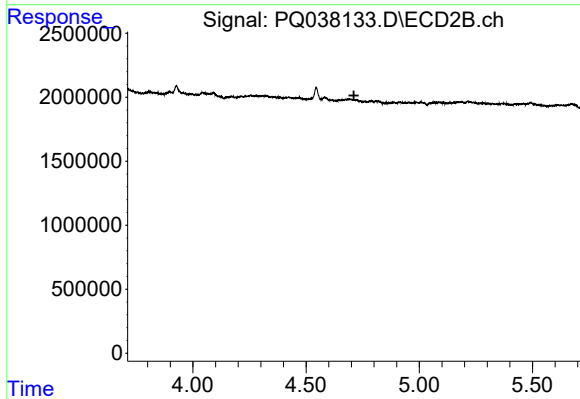
#3 AR-1016-1

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



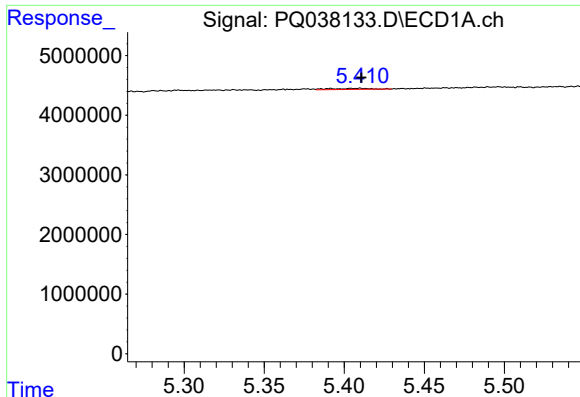
#4 AR-1016-2

R.T.: 5.376 min
Delta R.T.: 0.025 min
Response: 222935
Conc: 0.71 ng/ml



#4 AR-1016-2

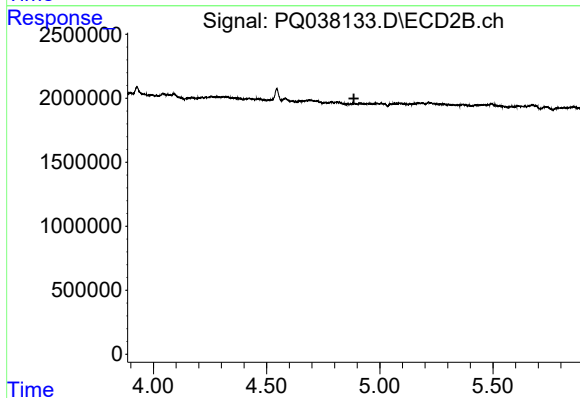
R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#5 AR-1016-3

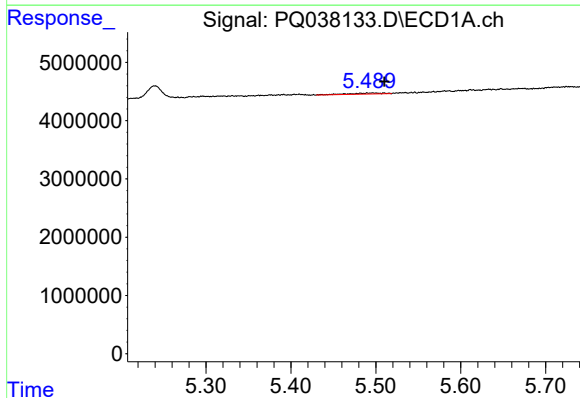
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 321996
Conc: 1.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



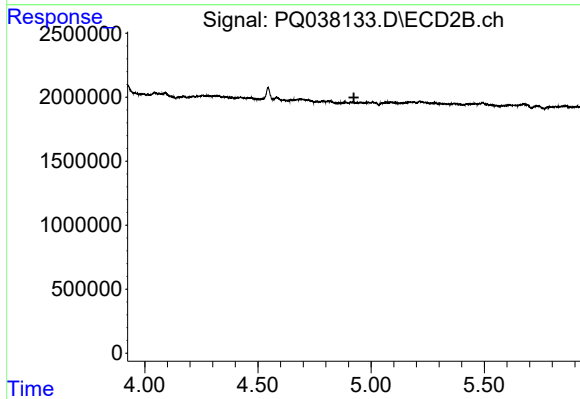
#5 AR-1016-3

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



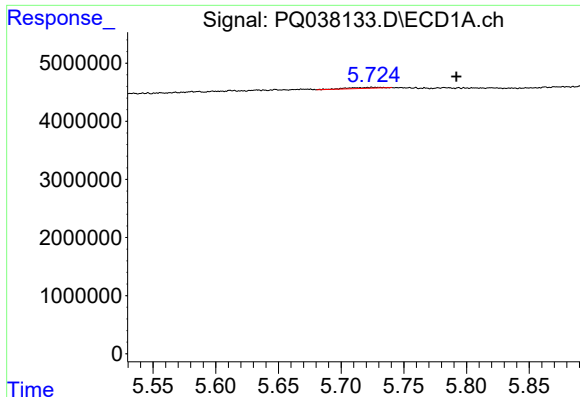
#6 AR-1016-4

R.T.: 5.496 min
Delta R.T.: -0.014 min
Response: 519015
Conc: 3.47 ng/ml



#6 AR-1016-4

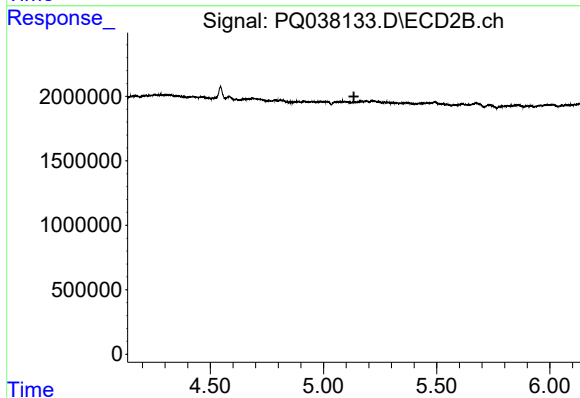
R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#7 AR-1016-5

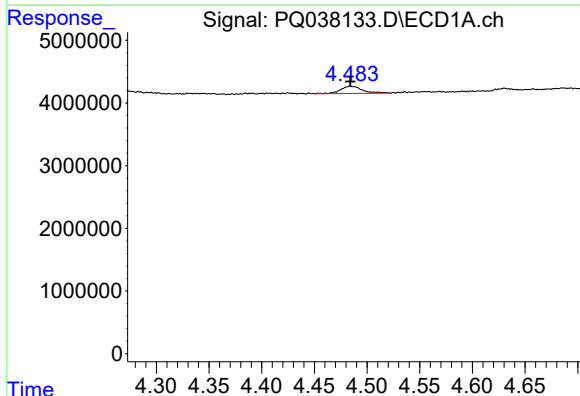
R.T.: 5.730 min
Delta R.T.: -0.062 min
Response: 351961
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



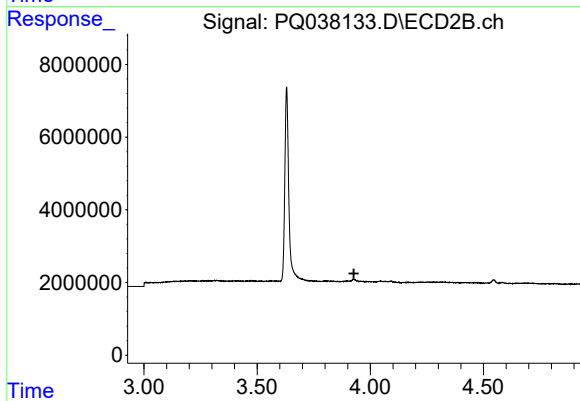
#7 AR-1016-5

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



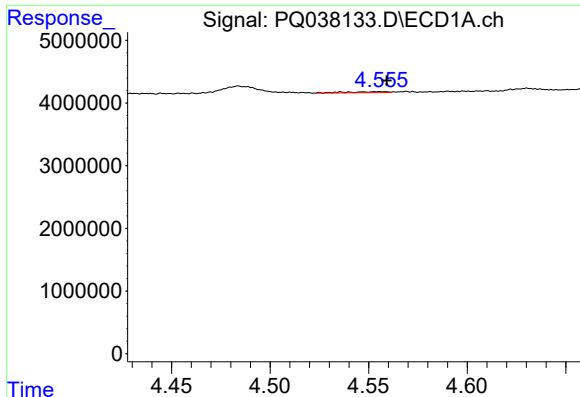
#9 AR-1221-2

R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 1681743
Conc: 36.35 ng/ml



#9 AR-1221-2

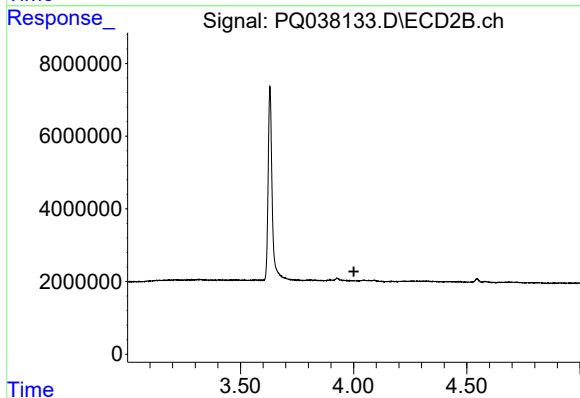
R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



#10 AR-1221-3

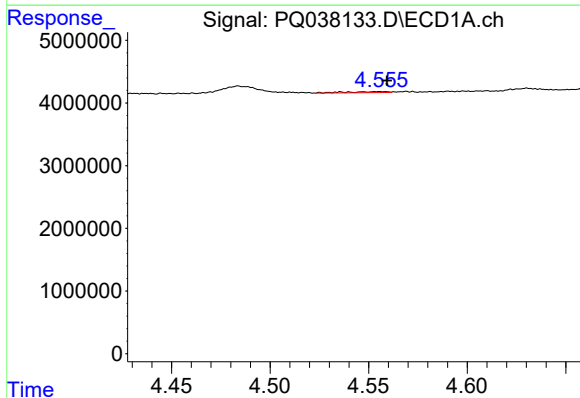
R.T.: 4.556 min
Delta R.T.: -0.003 min
Response: 257686
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



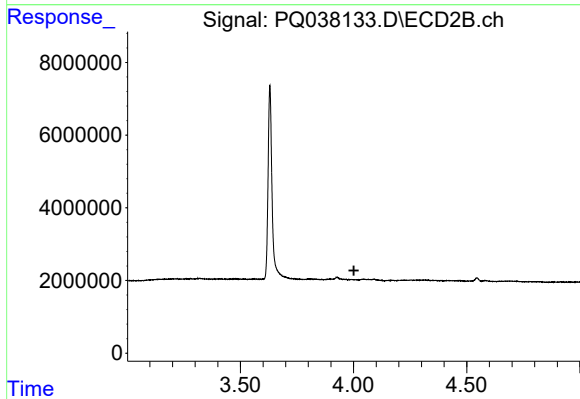
#10 AR-1221-3

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



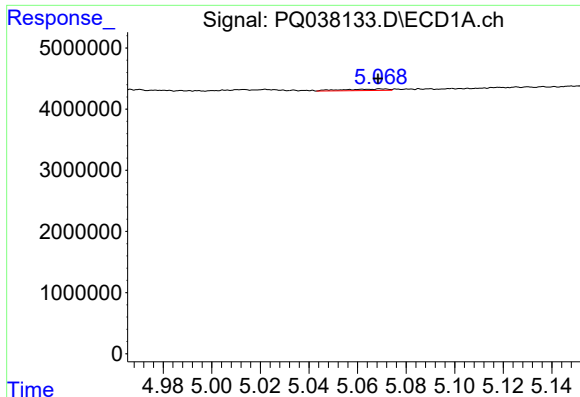
#11 AR-1232-1

R.T.: 4.556 min
Delta R.T.: -0.004 min
Response: 257686
Conc: 2.07 ng/ml



#11 AR-1232-1

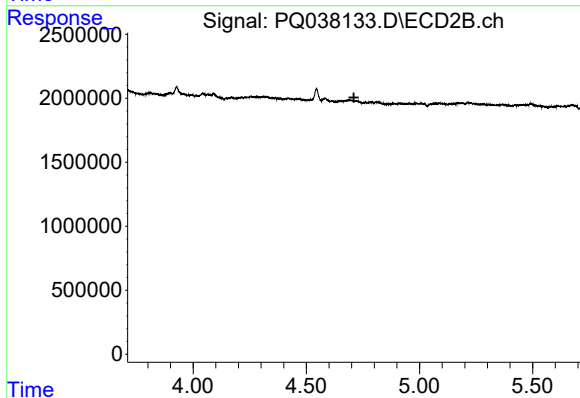
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#12 AR-1232-2

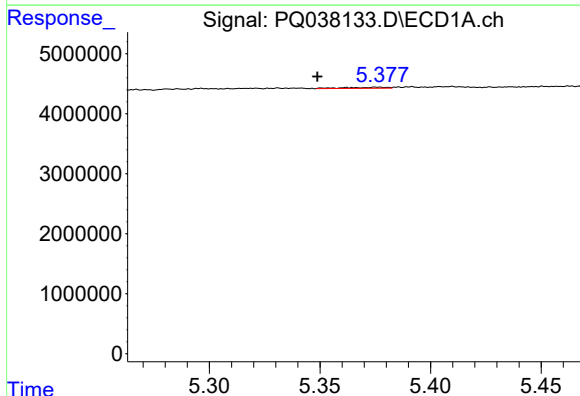
R.T.: 5.070 min
Delta R.T.: 0.002 min
Response: 318866
Conc: 5.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



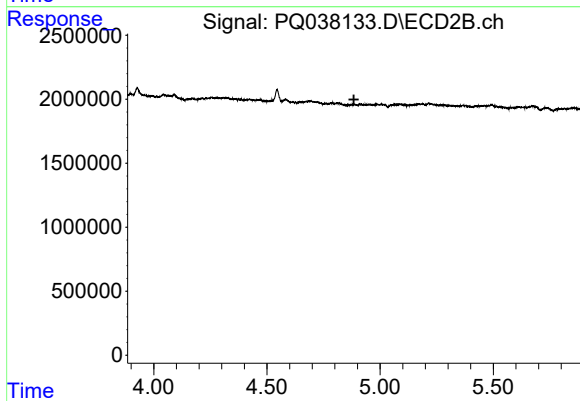
#12 AR-1232-2

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



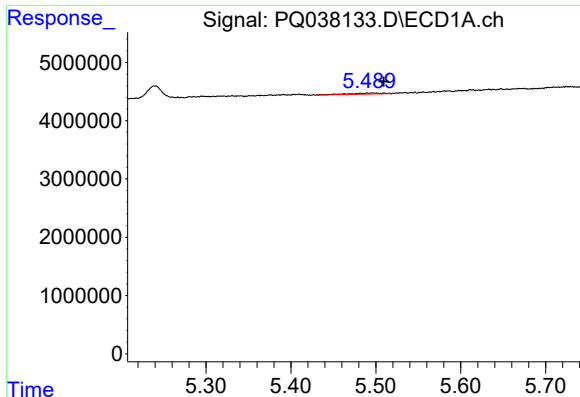
#13 AR-1232-3

R.T.: 5.376 min
Delta R.T.: 0.027 min
Response: 222935
Conc: 1.81 ng/ml



#13 AR-1232-3

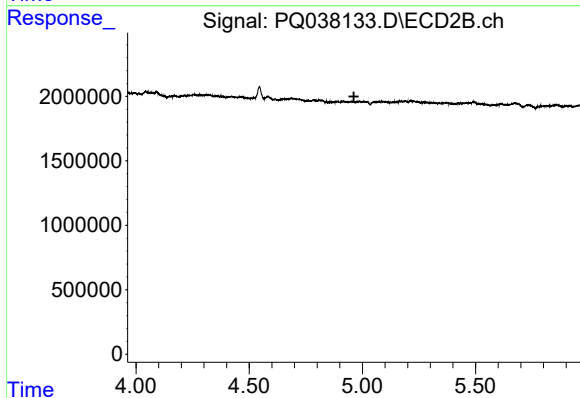
R.T.: 0.000 min
Exp R.T. : 4.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

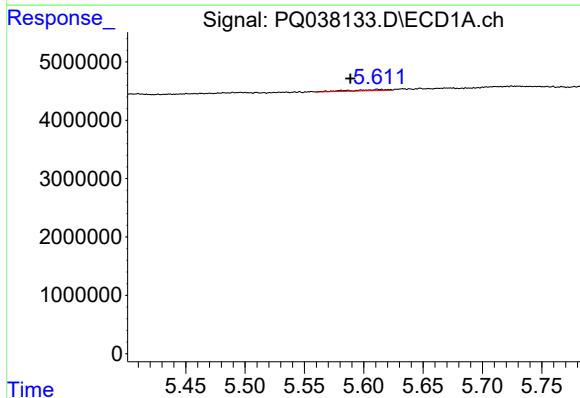
R.T.: 5.496 min
Delta R.T.: -0.013 min
Response: 519015
Conc: 8.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



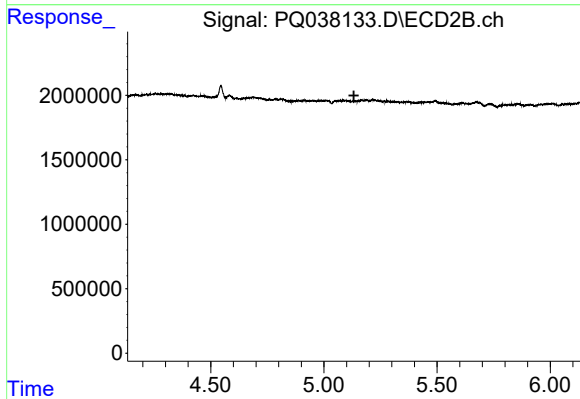
#14 AR-1232-4

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



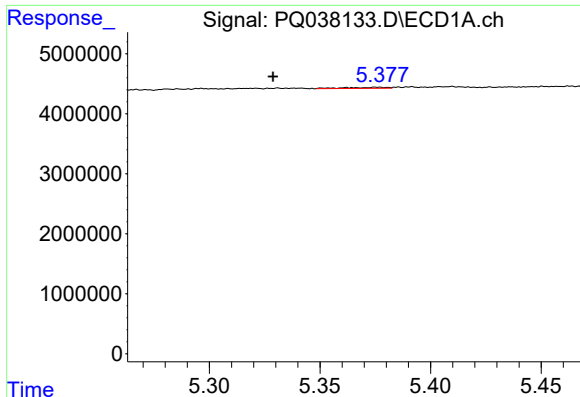
#15 AR-1232-5

R.T.: 5.612 min
Delta R.T.: 0.023 min
Response: 410293
Conc: 9.60 ng/ml



#15 AR-1232-5

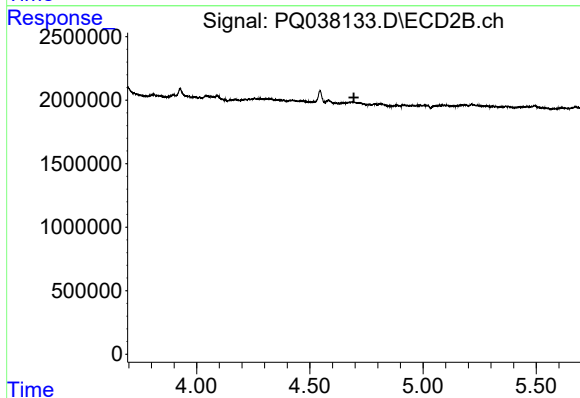
R.T.: 0.000 min
Exp R.T. : 5.133 min
Response: 0
Conc: N.D.



#16 AR-1242-1

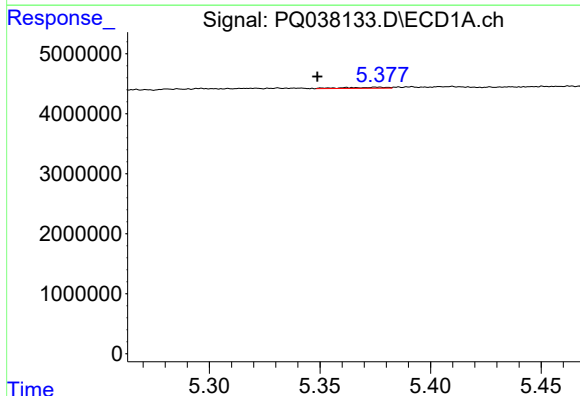
R.T.: 5.376 min
Delta R.T.: 0.047 min
Response: 222935
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



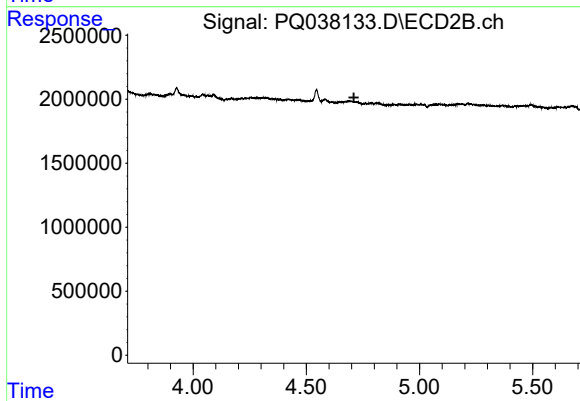
#16 AR-1242-1

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



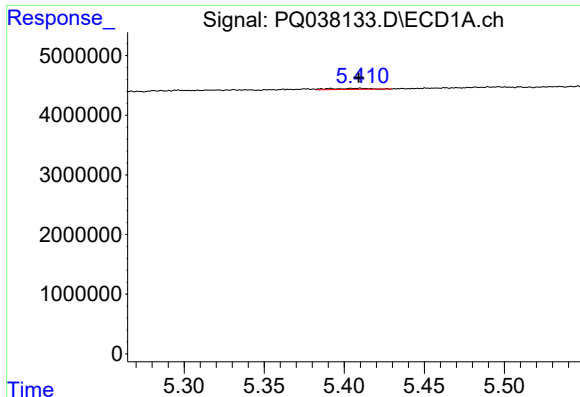
#17 AR-1242-2

R.T.: 5.376 min
Delta R.T.: 0.027 min
Response: 222935
Conc: 0.87 ng/ml



#17 AR-1242-2

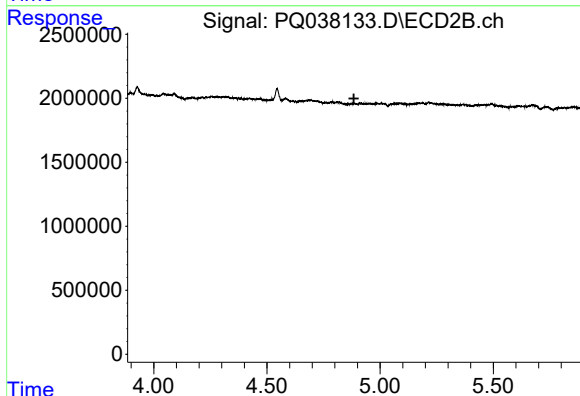
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#18 AR-1242-3

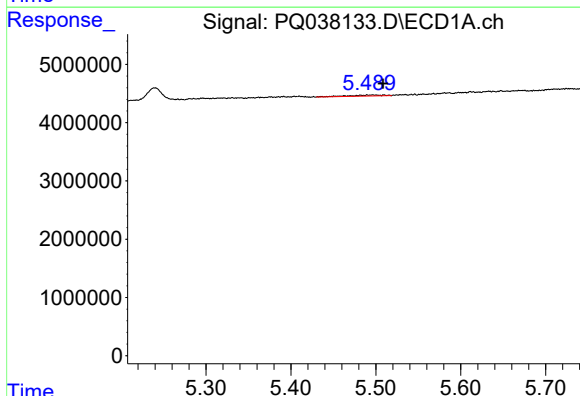
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 321996
Conc: 2.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



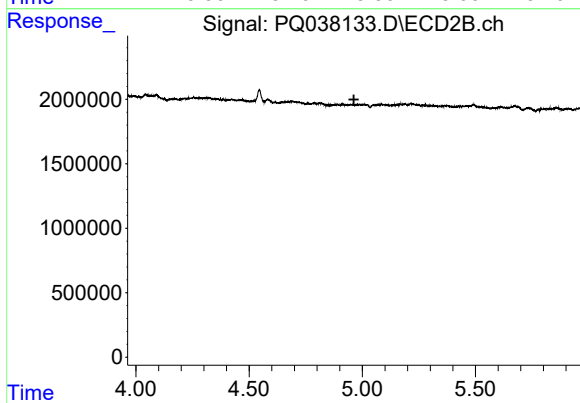
#18 AR-1242-3

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



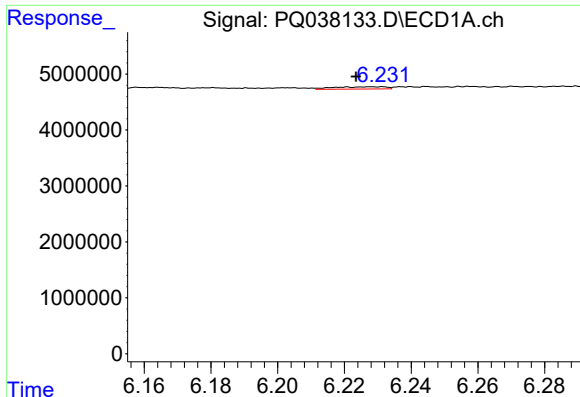
#19 AR-1242-4

R.T.: 5.496 min
Delta R.T.: -0.012 min
Response: 519015
Conc: 4.24 ng/ml



#19 AR-1242-4

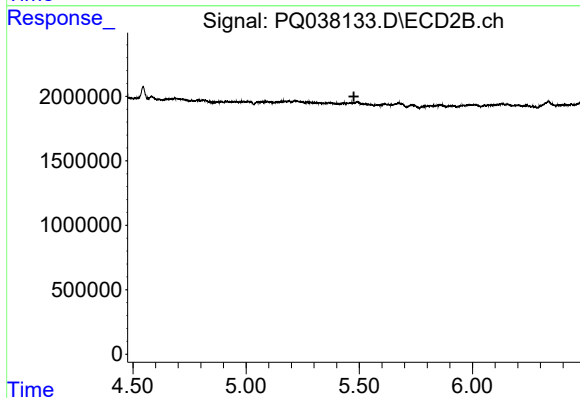
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#20 AR-1242-5

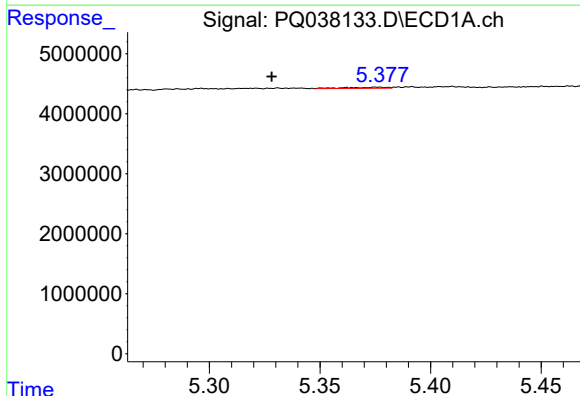
R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 448259
Conc: 3.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



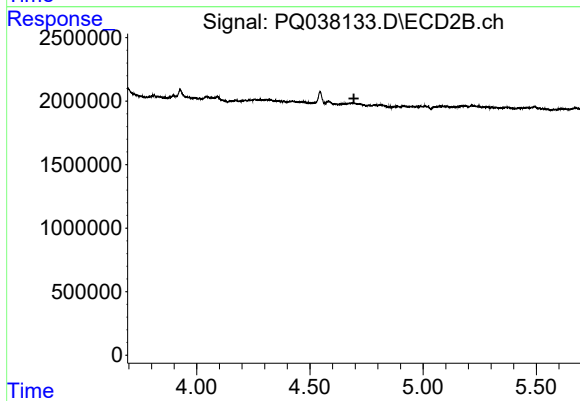
#20 AR-1242-5

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



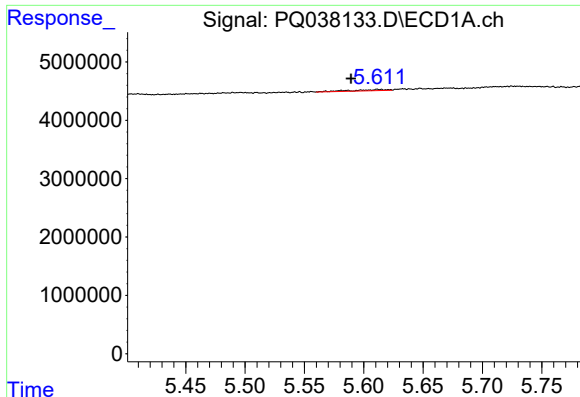
#21 AR-1248-1

R.T.: 5.376 min
Delta R.T.: 0.048 min
Response: 222935
Conc: 1.41 ng/ml



#21 AR-1248-1

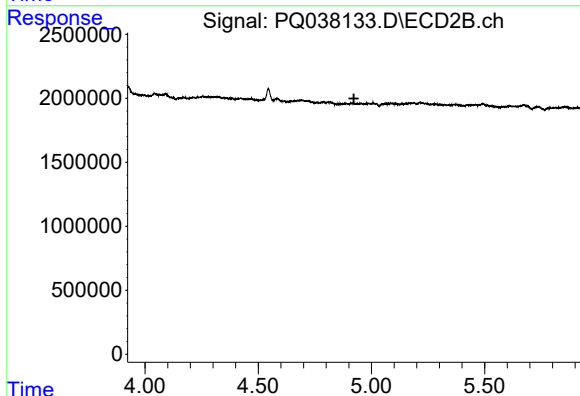
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#22 AR-1248-2

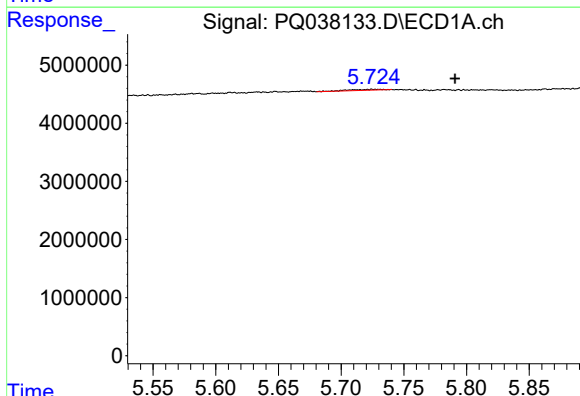
R.T.: 5.612 min
Delta R.T.: 0.023 min
Response: 410293
Conc: 1.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



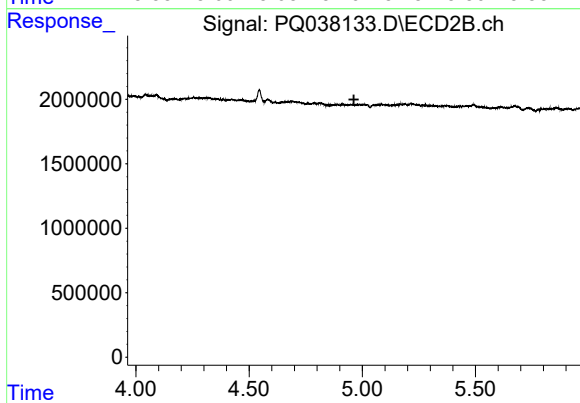
#22 AR-1248-2

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



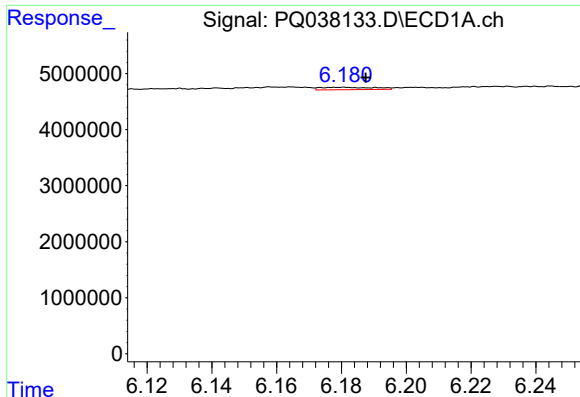
#23 AR-1248-3

R.T.: 5.730 min
Delta R.T.: -0.061 min
Response: 351961
Conc: 1.43 ng/ml



#23 AR-1248-3

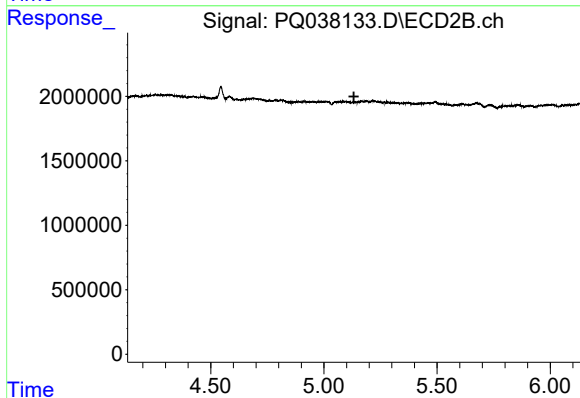
R.T.: 0.000 min
Exp R.T. : 4.963 min
Response: 0
Conc: N.D.



#24 AR-1248-4

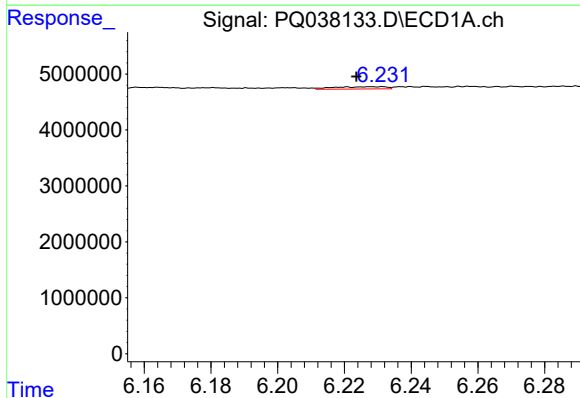
R.T.: 6.180 min
Delta R.T.: -0.007 min
Response: 490588
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



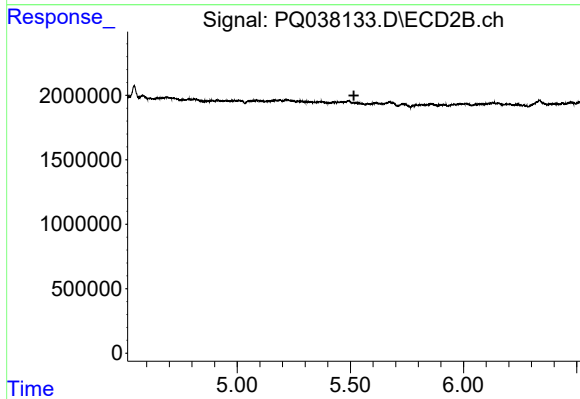
#24 AR-1248-4

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



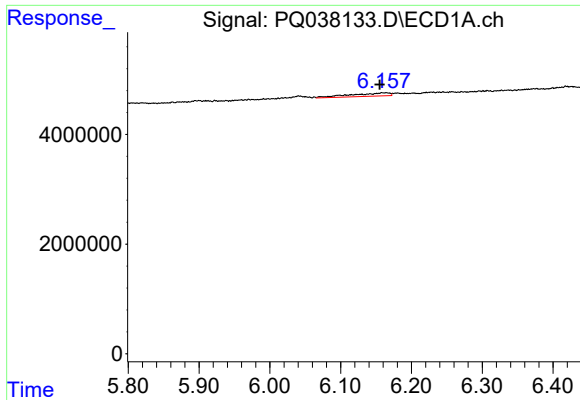
#25 AR-1248-5

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 448259
Conc: 1.69 ng/ml



#25 AR-1248-5

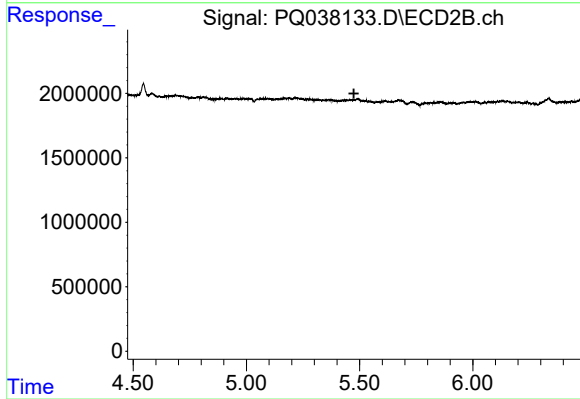
R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



#26 AR-1254-1

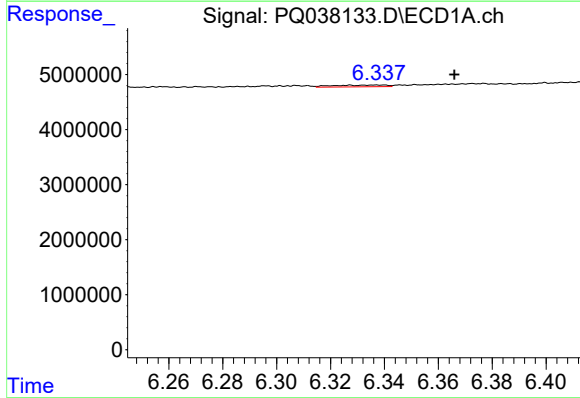
R.T.: 6.164 min
Delta R.T.: 0.009 min
Response: 2297757
Conc: 11.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



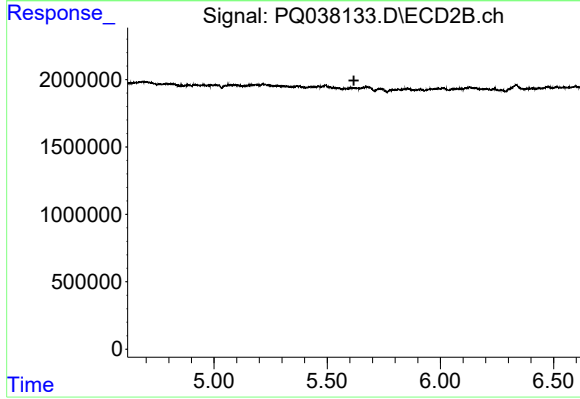
#26 AR-1254-1

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



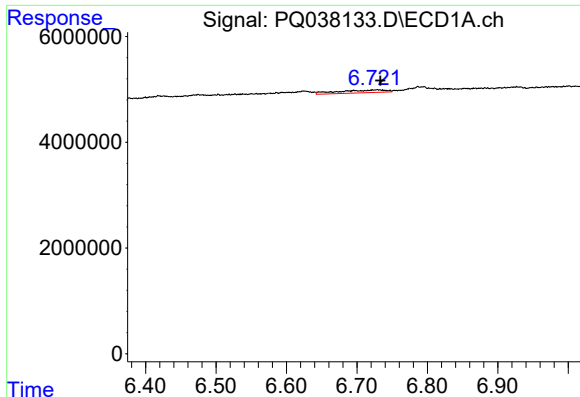
#27 AR-1254-2

R.T.: 6.337 min
Delta R.T.: -0.029 min
Response: 440311
Conc: 1.44 ng/ml



#27 AR-1254-2

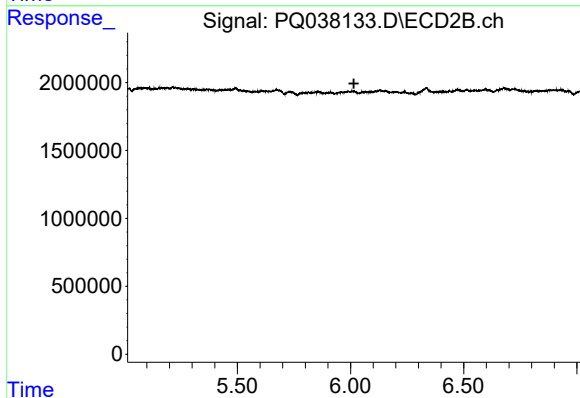
R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.



#28 AR-1254-3

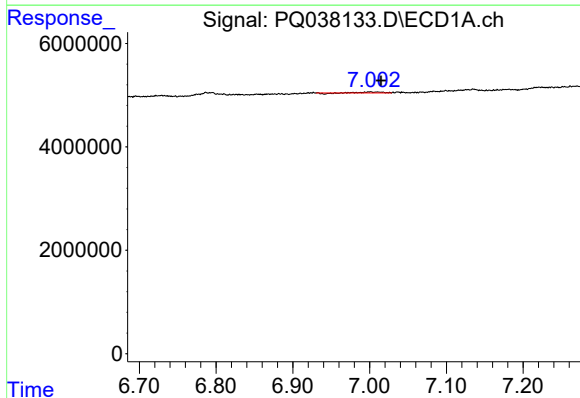
R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 2495130
Conc: 8.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



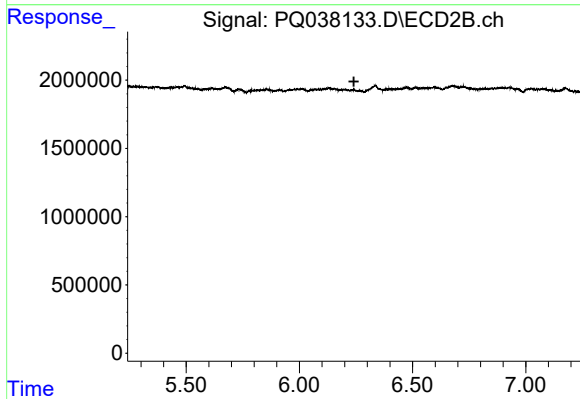
#28 AR-1254-3

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



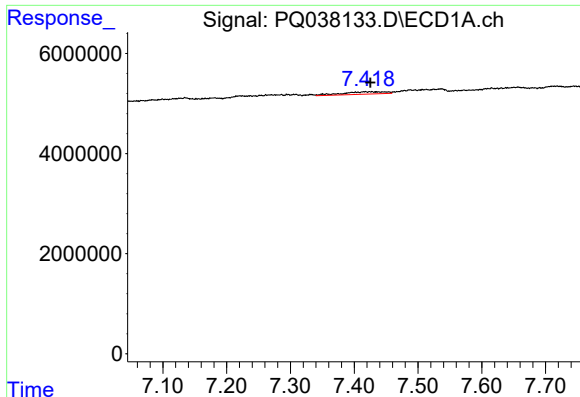
#29 AR-1254-4

R.T.: 7.001 min
Delta R.T.: -0.014 min
Response: 201618
Conc: 0.79 ng/ml



#29 AR-1254-4

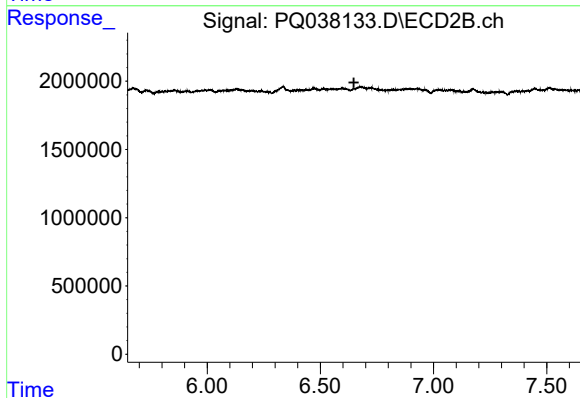
R.T.: 0.000 min
Exp R.T. : 6.241 min
Response: 0
Conc: N.D.



#30 AR-1254-5

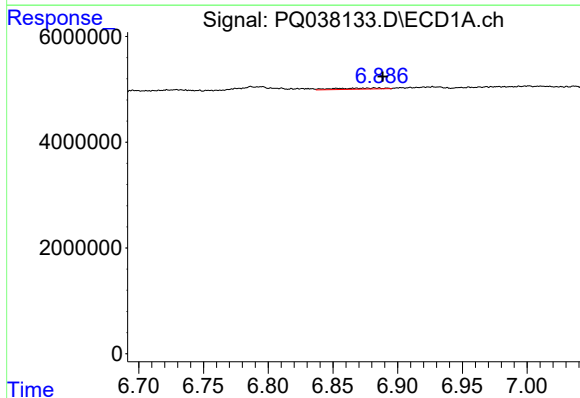
R.T.: 7.424 min
Delta R.T.: -0.001 min
Response: 2219752
Conc: 7.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



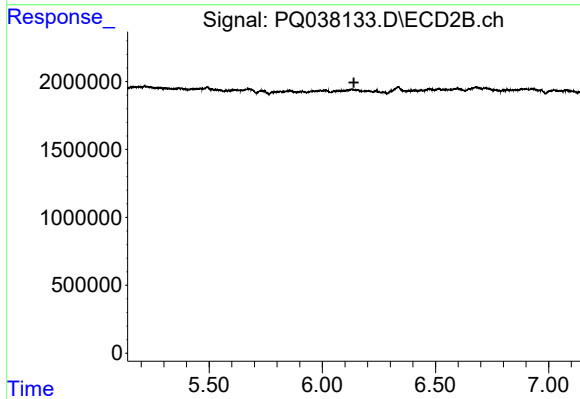
#30 AR-1254-5

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



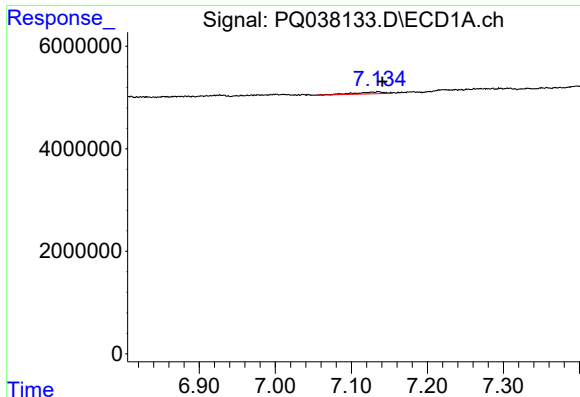
#31 AR-1260-1

R.T.: 6.882 min
Delta R.T.: -0.006 min
Response: 534177
Conc: 2.06 ng/ml



#31 AR-1260-1

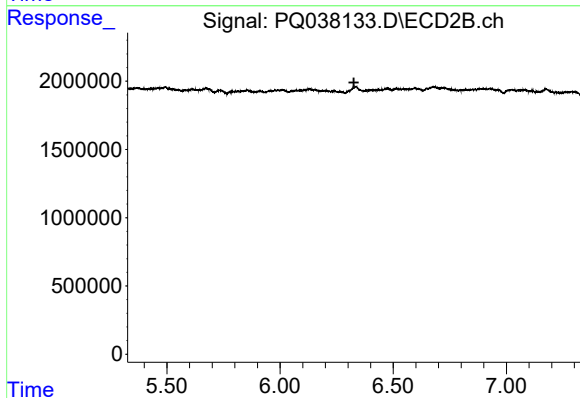
R.T.: 0.000 min
Exp R.T. : 6.139 min
Response: 0
Conc: N.D.



#32 AR-1260-2

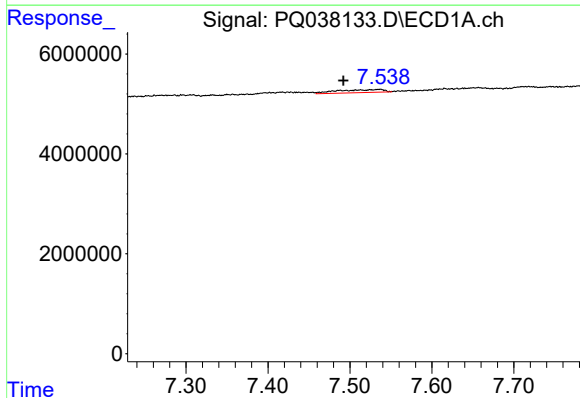
R.T.: 7.135 min
Delta R.T.: -0.006 min
Response: 997754
Conc: 2.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



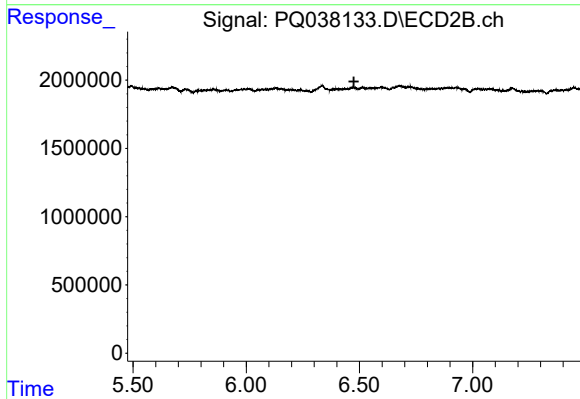
#32 AR-1260-2

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



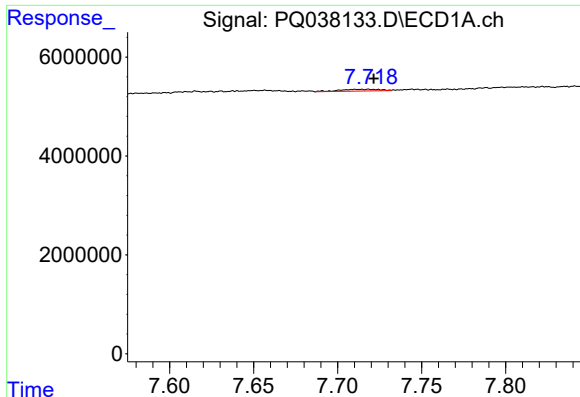
#33 AR-1260-3

R.T.: 7.536 min
Delta R.T.: 0.043 min
Response: 2319114
Conc: 8.18 ng/ml



#33 AR-1260-3

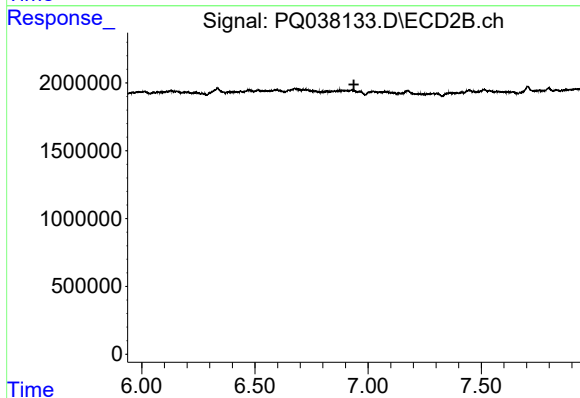
R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



#34 AR-1260-4

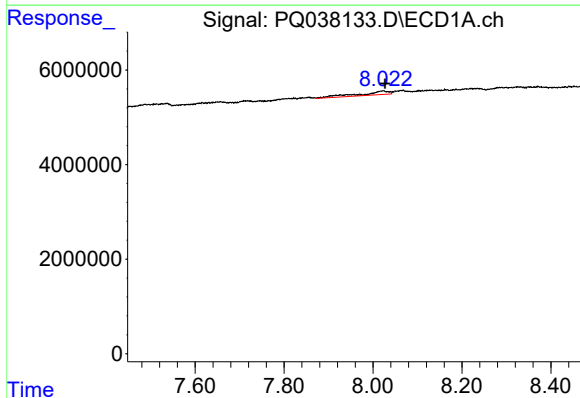
R.T.: 7.718 min
Delta R.T.: -0.004 min
Response: 592067
Conc: 2.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



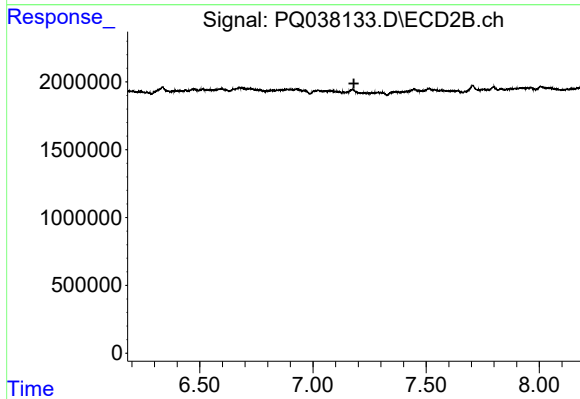
#34 AR-1260-4

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



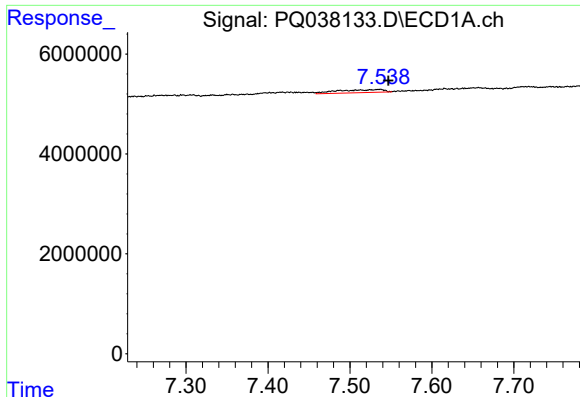
#35 AR-1260-5

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 3471018
Conc: 5.51 ng/ml



#35 AR-1260-5

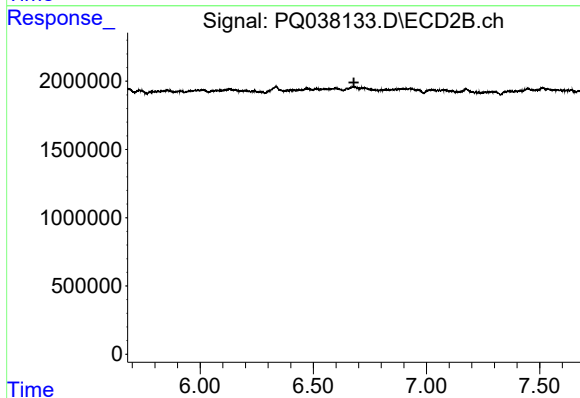
R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



#36 AR-1262-1

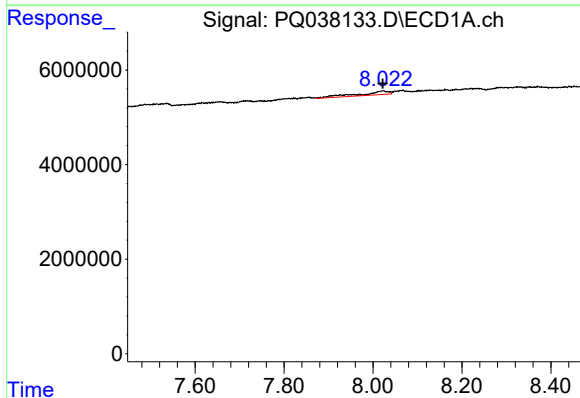
R.T.: 7.536 min
Delta R.T.: -0.011 min
Response: 2319114
Conc: 15.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



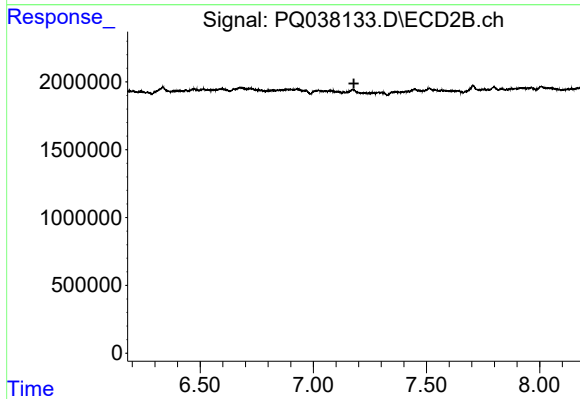
#36 AR-1262-1

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



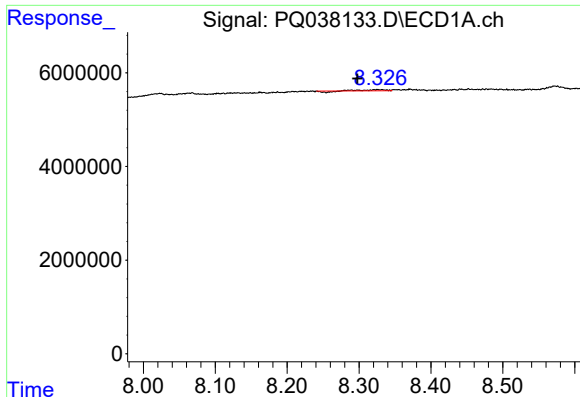
#37 AR-1262-2

R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 3471018
Conc: 4.95 ng/ml



#37 AR-1262-2

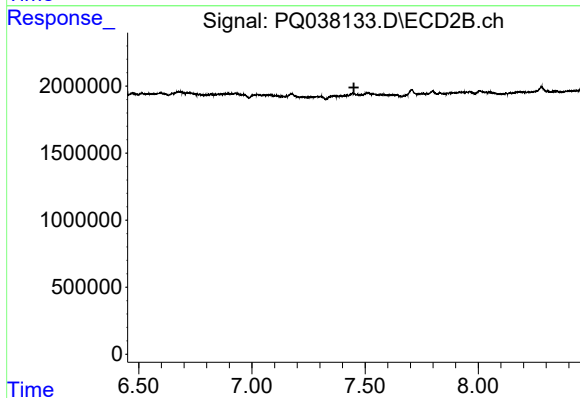
R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



#38 AR-1262-3

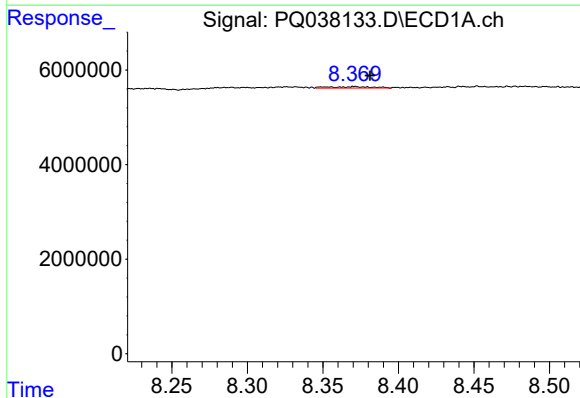
R.T.: 8.327 min
Delta R.T.: 0.029 min
Response: 328732
Conc: 1.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



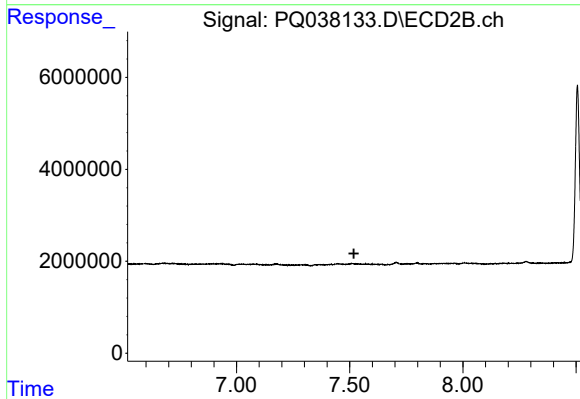
#38 AR-1262-3

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



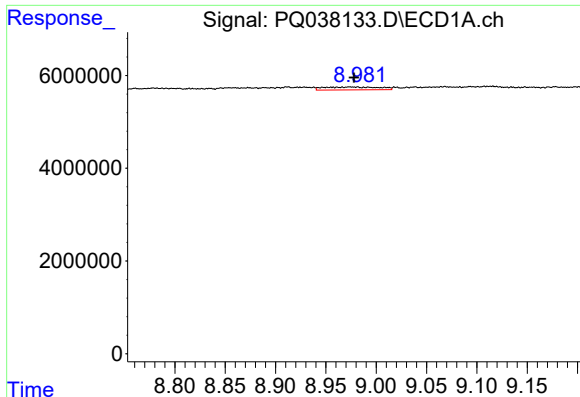
#39 AR-1262-4

R.T.: 8.371 min
Delta R.T.: -0.010 min
Response: 561257
Conc: 1.62 ng/ml



#39 AR-1262-4

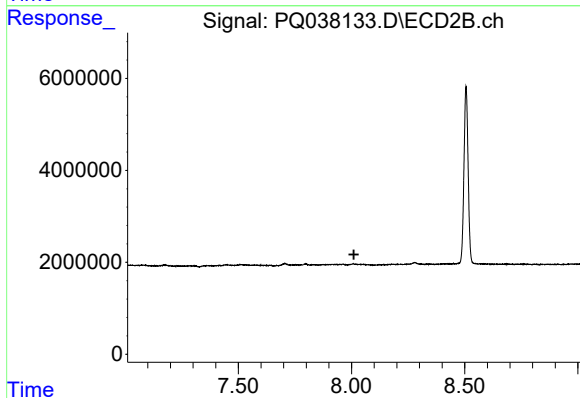
R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



#40 AR-1262-5

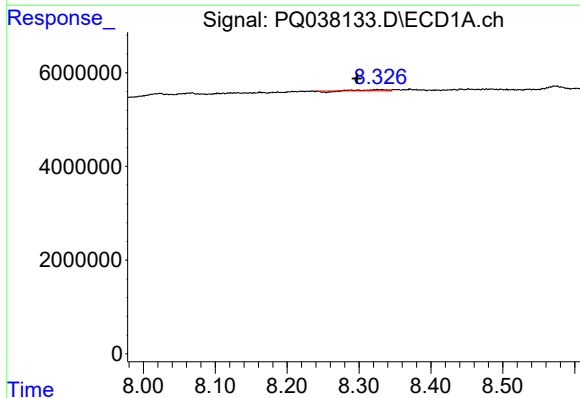
R.T.: 8.975 min
Delta R.T.: -0.003 min
Response: 2351200
Conc: 9.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



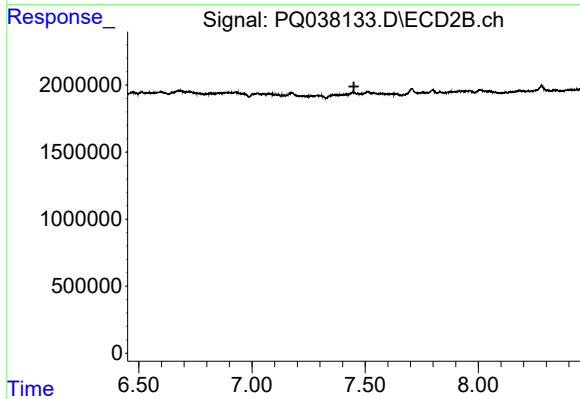
#40 AR-1262-5

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



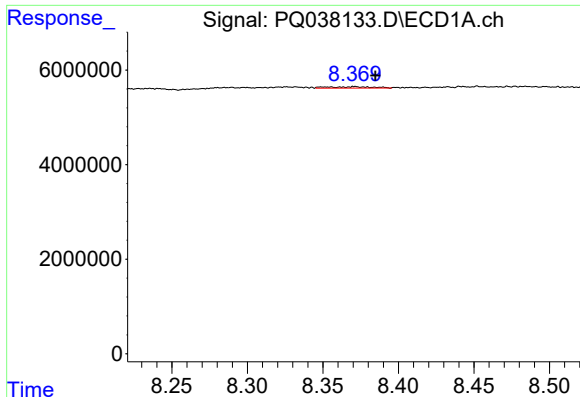
#41 AR-1268-1

R.T.: 8.327 min
Delta R.T.: 0.030 min
Response: 328732
Conc: 0.40 ng/ml



#41 AR-1268-1

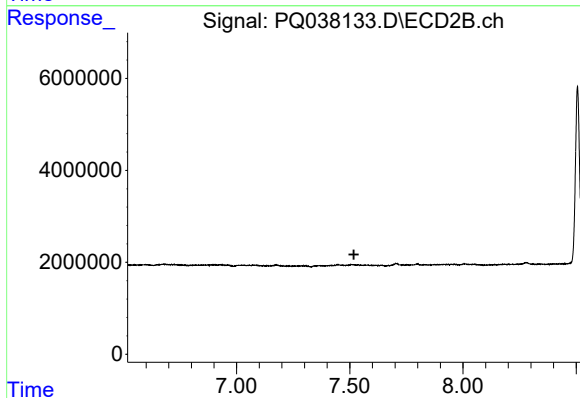
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#42 AR-1268-2

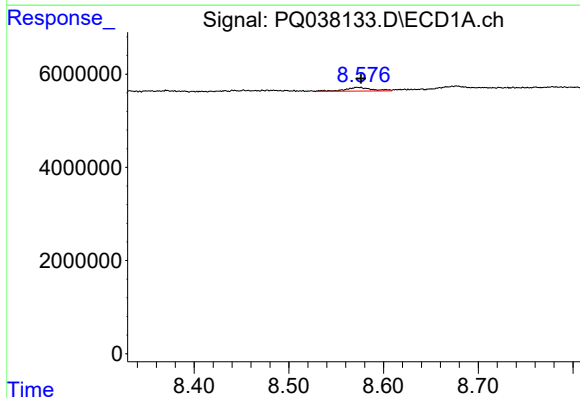
R.T.: 8.371 min
Delta R.T.: -0.013 min
Response: 561257
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



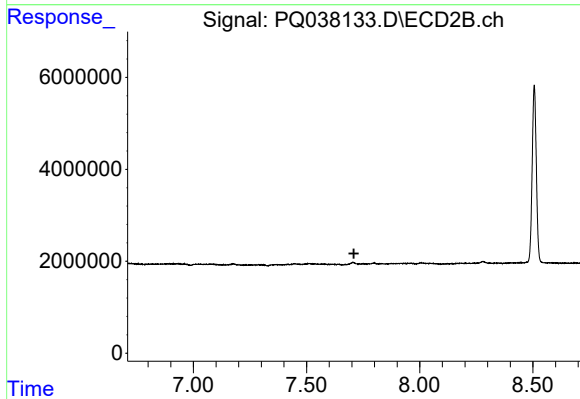
#42 AR-1268-2

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



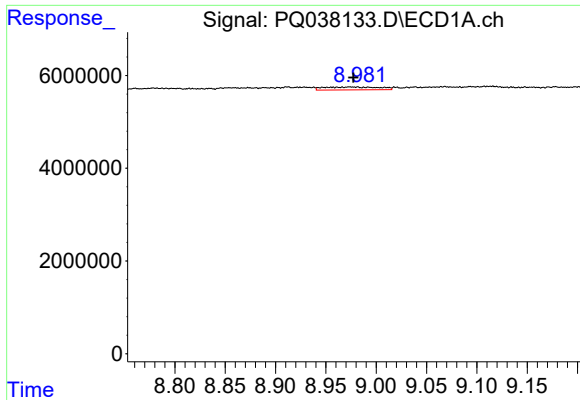
#43 AR-1268-3

R.T.: 8.573 min
Delta R.T.: -0.003 min
Response: 1535205
Conc: 2.34 ng/ml



#43 AR-1268-3

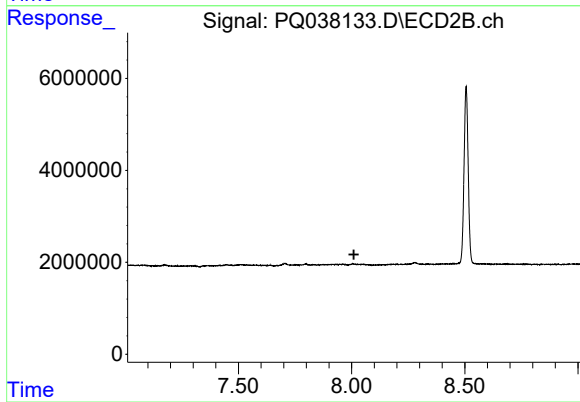
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#44 AR-1268-4

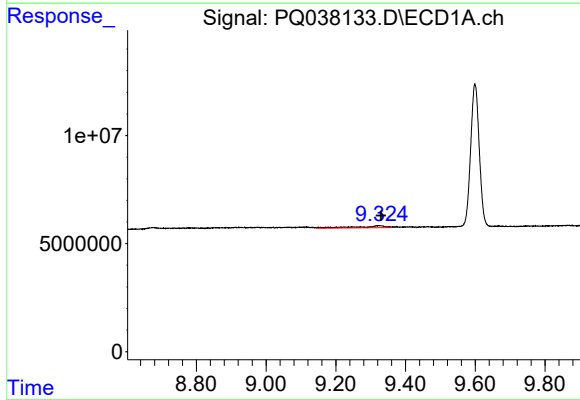
R.T.: 8.975 min
Delta R.T.: -0.002 min
Response: 2351200
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



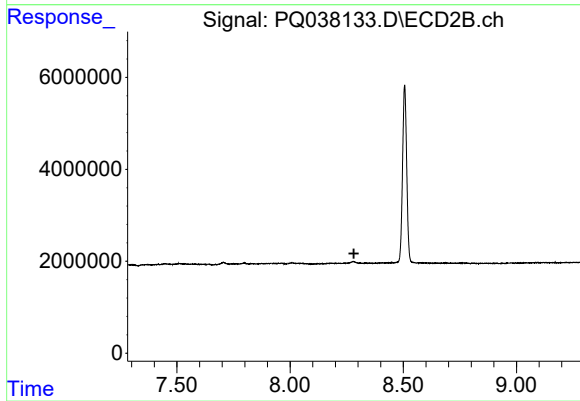
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.324 min
Delta R.T.: -0.006 min
Response: 5379417
Conc: 2.76 ng/ml



#45 AR-1268-5

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