

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081522\
 Data File : PP050579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2022 17:40
 Operator : YP\AJ
 Sample : N4188-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 23:16:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 09 11:38:04 2022
 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...	4.345	3.591	43231226	87342424	26.857	27.885
2)	SA Decachlor...	10.092	8.553	34666816	32104051	19.687	20.859
Target Compounds							
3)	L1 AR-1016-1	5.529	0.000	57591	0	0.920	N.D. #
4)	L1 AR-1016-2	5.556	0.000	26929	0	0.304	N.D. #
5)	L1 AR-1016-3	5.595	0.000	32871	0	0.601	N.D. #
6)	L1 AR-1016-4	0.000	4.904	0	147230	N.D.	2.527 #
7)	L1 AR-1016-5	5.980f	5.092f	389940	263660	8.727	3.451 #
8)	L2 AR-1221-1	4.566	3.796	7788172	188852	394.190	4.941 #
9)	L2 AR-1221-2	4.653	3.871f	1576018	10596404	106.133	371.081 #
10)	L2 AR-1221-3	4.729	3.962	1548253	1194459	34.412	13.952 #
11)	L3 AR-1232-1	4.729	3.962	1548253	1194459	41.417	17.110 #
12)	L3 AR-1232-2	5.265	0.000	331005	0	18.277	N.D. #
13)	L3 AR-1232-3	5.556	0.000	26929	0	0.684	N.D. #
14)	L3 AR-1232-4	0.000	4.923f	0	23046	N.D.	0.782 #
15)	L3 AR-1232-5	5.785	5.092f	334610	263660	21.403	8.007 #
16)	L4 AR-1242-1	5.529	0.000	57591	0	1.136	N.D. #
17)	L4 AR-1242-2	5.556	0.000	26929	0	0.373	N.D. #
18)	L4 AR-1242-3	5.595	0.000	32871	0	0.743	N.D. #
19)	L4 AR-1242-4	0.000	4.923f	0	23046	N.D.	0.394 #
20)	L4 AR-1242-5	6.416f	0.000	177078	0	4.196	N.D. #
21)	L5 AR-1248-1	5.529	0.000	57591	0	1.426	N.D. #
22)	L5 AR-1248-2	5.785	4.904	334610	147230	5.989	1.704 #
23)	L5 AR-1248-3	5.980f	4.923f	389940	23046	6.096	0.254 #
24)	L5 AR-1248-4	6.416	5.092f	177078	263660	2.239	2.502
25)	L5 AR-1248-5	6.416f	0.000	177078	0	2.333	N.D. #
26)	L6 AR-1254-1	6.382	0.000	307910	0	4.162	N.D. #
27)	L6 AR-1254-2	6.601	5.628f	238768	277674	2.055	2.346
28)	L6 AR-1254-3	6.988f	6.016	261342	344880	2.109	2.004
29)	L6 AR-1254-4	7.235f	0.000	249489	0	2.550	N.D. #
30)	L6 AR-1254-5	7.673	6.647	520513	339467	5.188	2.549 #
31)	L7 AR-1260-1	7.118	6.134	449780	75453	4.925	0.666 #
32)	L7 AR-1260-2	7.394	6.309f	409968	60306	3.588	0.449 #
33)	L7 AR-1260-3	7.726f	0.000	111988	0	1.315	N.D. #
35)	L7 AR-1260-5	8.296	0.000	799328	0	4.276	N.D. #
36)	L8 AR-1262-1	7.726f	0.000	111988	0	0.935	N.D. #
37)	L8 AR-1262-2	8.296	0.000	799328	0	3.699	N.D. #
38)	L8 AR-1262-3	0.000	7.468	0	204953	N.D.	2.824 #
39)	L8 AR-1262-4	8.670f	0.000	3418015	0	53.167	N.D. #
40)	L8 AR-1262-5	9.327f	0.000	1853286	0	23.478	N.D. #
41)	L9 AR-1268-1	0.000	7.468	0	204953	N.D.	0.933 #
42)	L9 AR-1268-2	8.713f	0.000	2192209	0	8.987	N.D. #

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 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	8.925	0.000	921516	0	4.640	N.D. #
44) L9	AR-1268-4	9.327f	0.000	1853286	0	21.502	N.D. #
45) L9	AR-1268-5	9.785f	8.308	3284638	246609	4.925	0.448 #

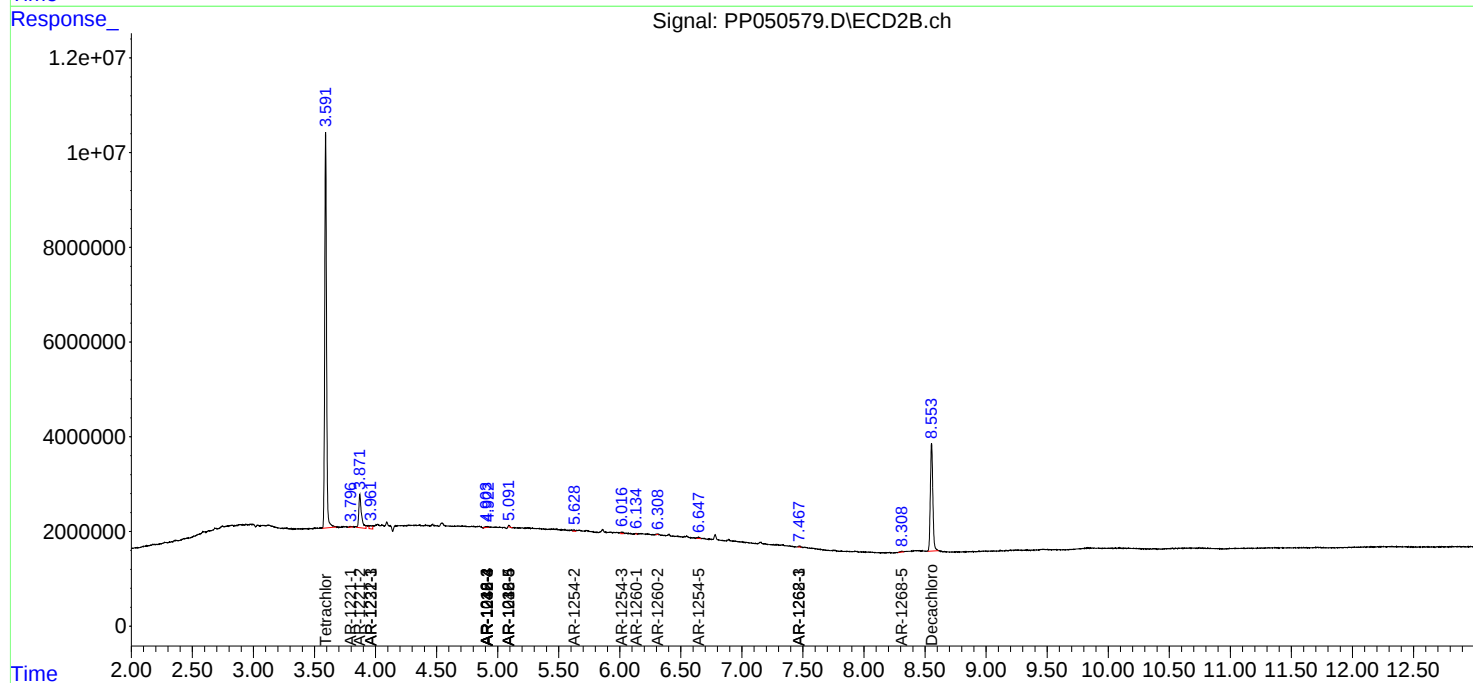
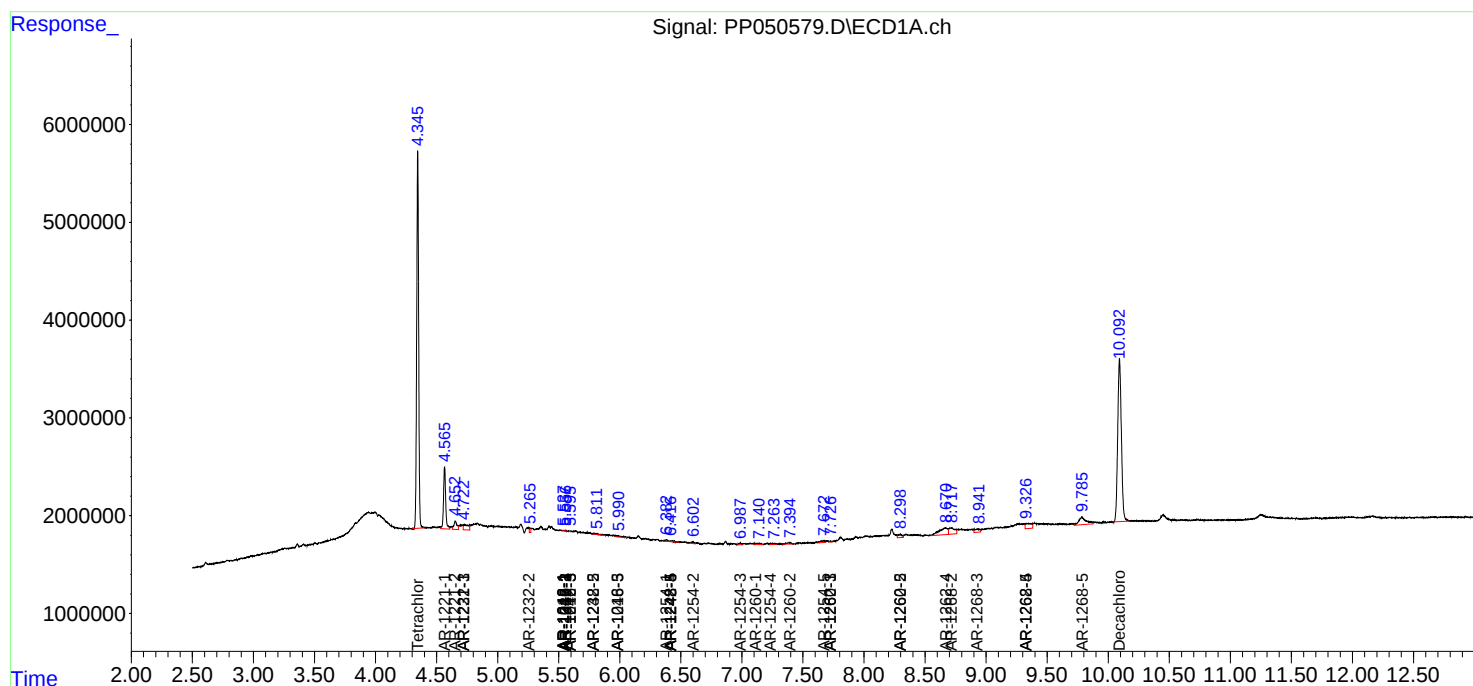
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

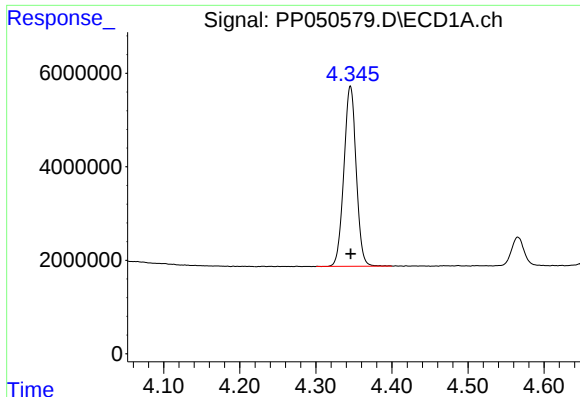
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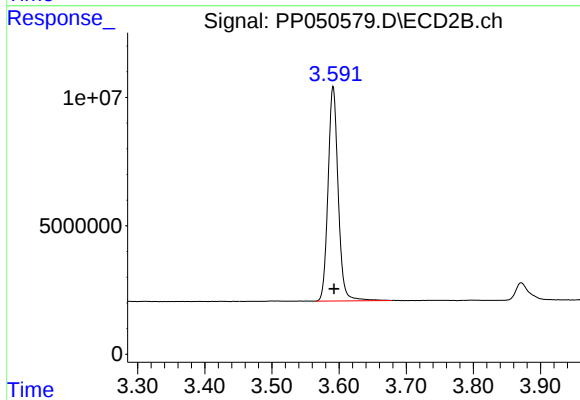




#1 Tetrachloro-m-xylene

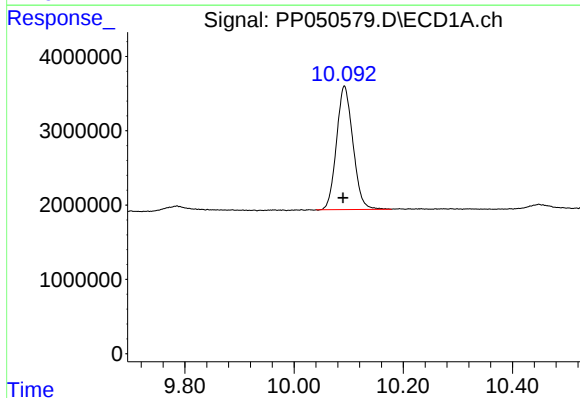
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 43231226
Conc: 26.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



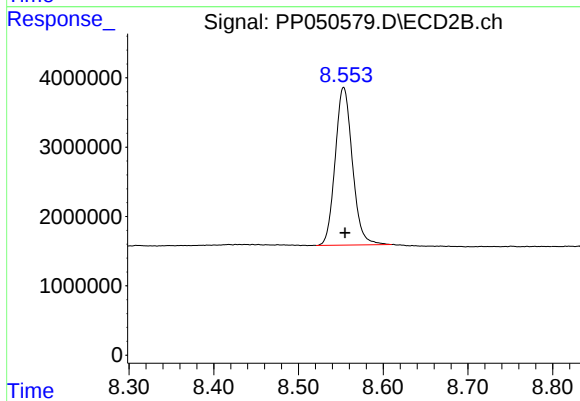
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: -0.002 min
Response: 87342424
Conc: 27.89 ng/ml



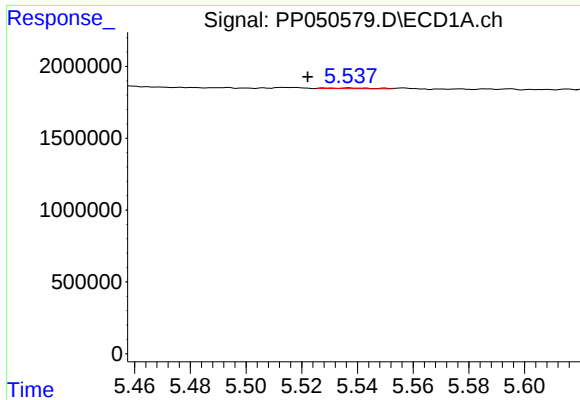
#2 Decachlorobiphenyl

R.T.: 10.092 min
Delta R.T.: 0.003 min
Response: 34666816
Conc: 19.69 ng/ml



#2 Decachlorobiphenyl

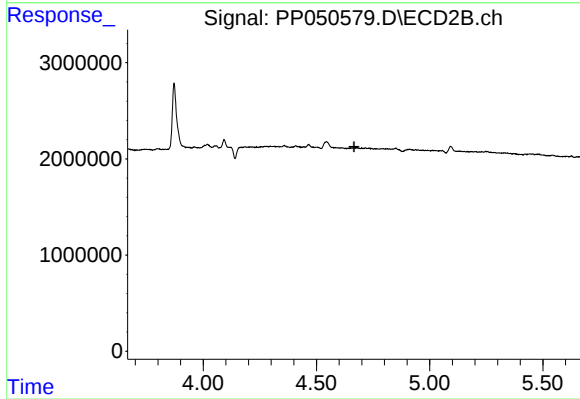
R.T.: 8.553 min
Delta R.T.: -0.002 min
Response: 32104051
Conc: 20.86 ng/ml



#3 AR-1016-1

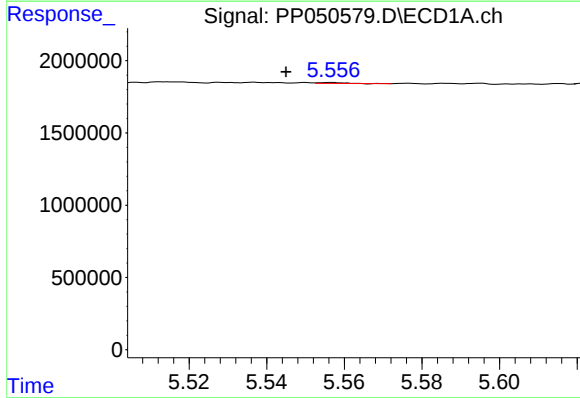
R.T.: 5.529 min
Delta R.T.: 0.007 min
Response: 57591
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



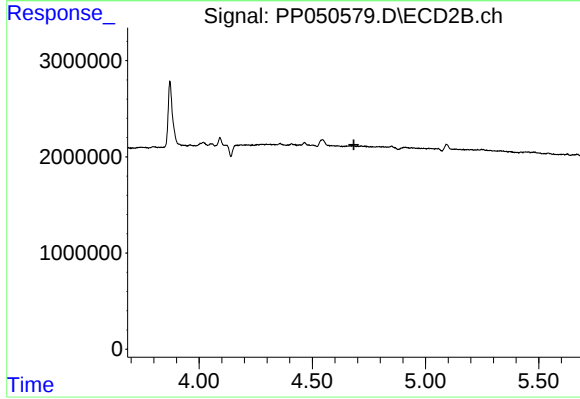
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.



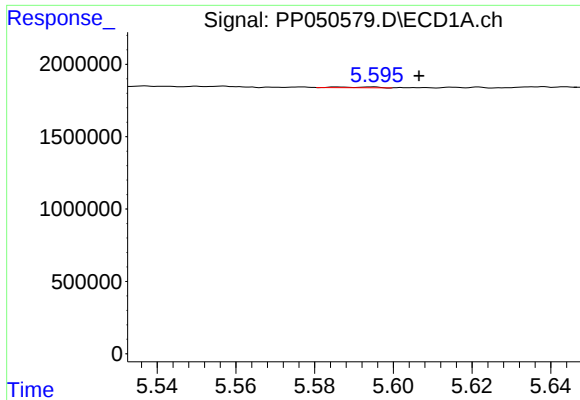
#4 AR-1016-2

R.T.: 5.556 min
Delta R.T.: 0.011 min
Response: 26929
Conc: 0.30 ng/ml



#4 AR-1016-2

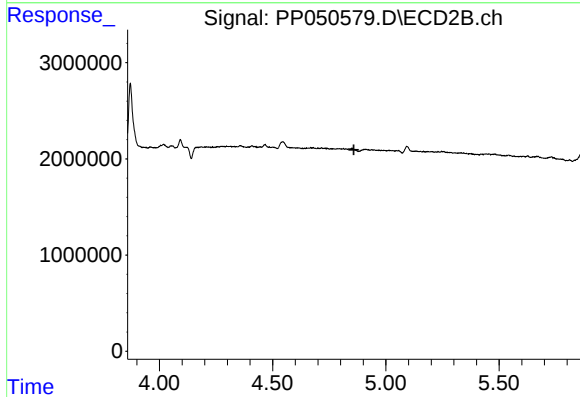
R.T.: 0.000 min
Exp R.T. : 4.684 min
Response: 0
Conc: N.D.



#5 AR-1016-3

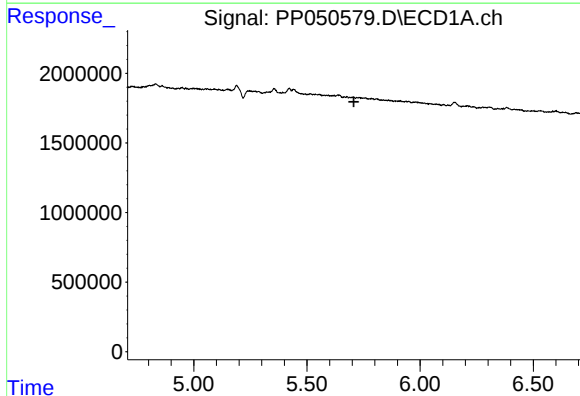
R.T.: 5.595 min
Delta R.T.: -0.012 min
Response: 32871
Conc: 0.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



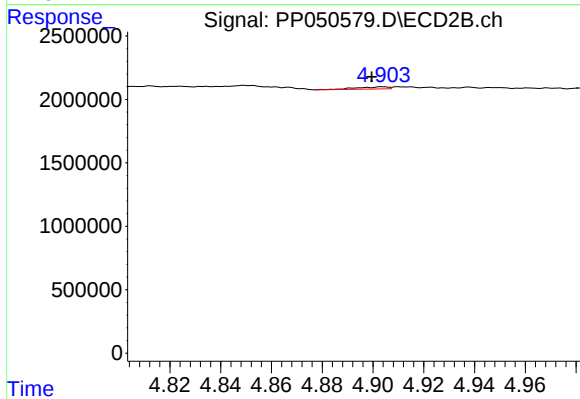
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.859 min
Response: 0
Conc: N.D.



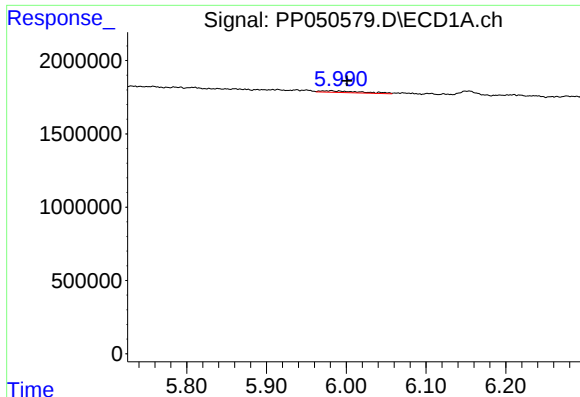
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.707 min
Response: 0
Conc: N.D.



#6 AR-1016-4

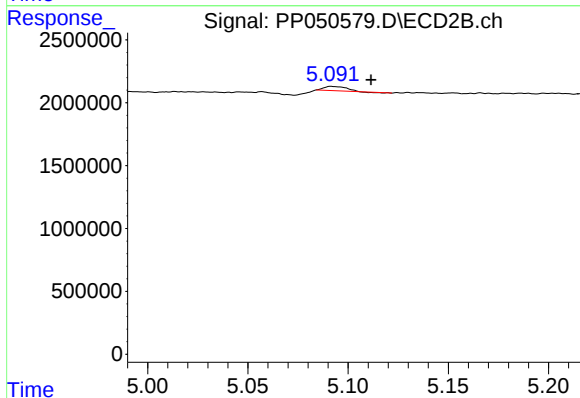
R.T.: 4.904 min
Delta R.T.: 0.004 min
Response: 147230
Conc: 2.53 ng/ml



#7 AR-1016-5

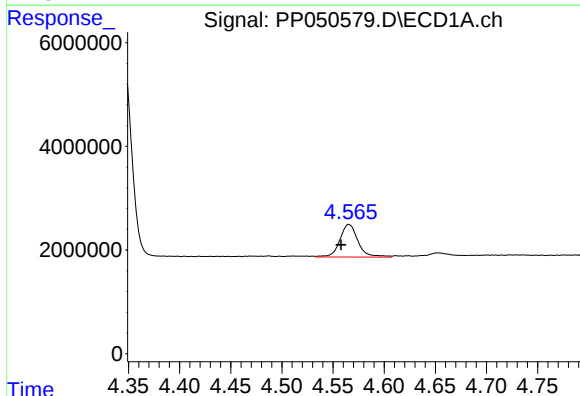
R.T.: 5.980 min
Delta R.T.: -0.021 min
Response: 389940
Conc: 8.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



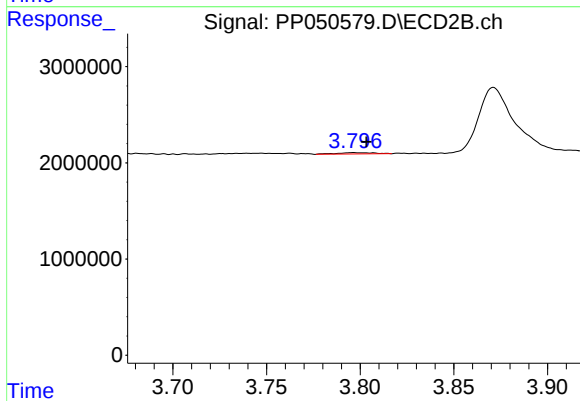
#7 AR-1016-5

R.T.: 5.092 min
Delta R.T.: -0.020 min
Response: 263660
Conc: 3.45 ng/ml



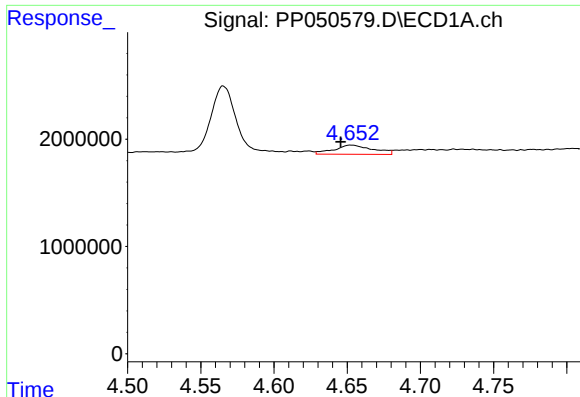
#8 AR-1221-1

R.T.: 4.566 min
Delta R.T.: 0.008 min
Response: 7788172
Conc: 394.19 ng/ml



#8 AR-1221-1

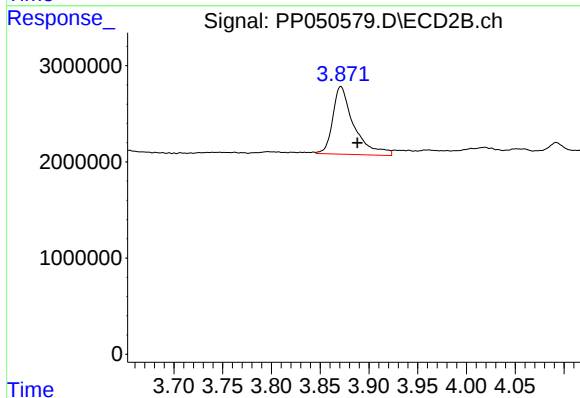
R.T.: 3.796 min
Delta R.T.: -0.007 min
Response: 188852
Conc: 4.94 ng/ml



#9 AR-1221-2

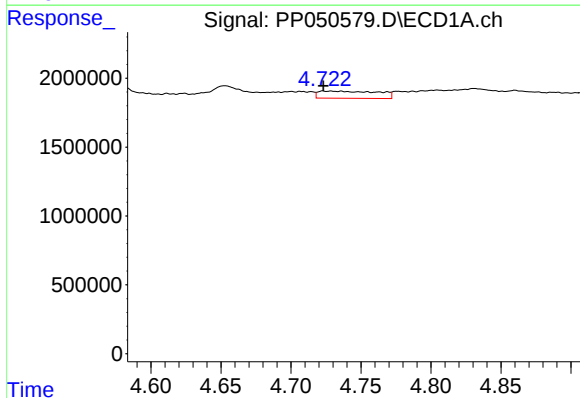
R.T.: 4.653 min
Delta R.T.: 0.007 min
Response: 1576018
Conc: 106.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



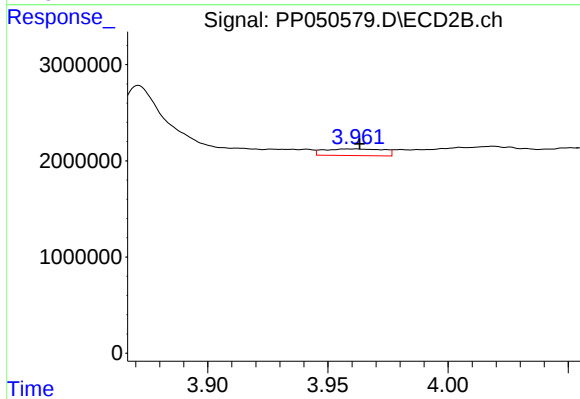
#9 AR-1221-2

R.T.: 3.871 min
Delta R.T.: -0.017 min
Response: 10596404
Conc: 371.08 ng/ml



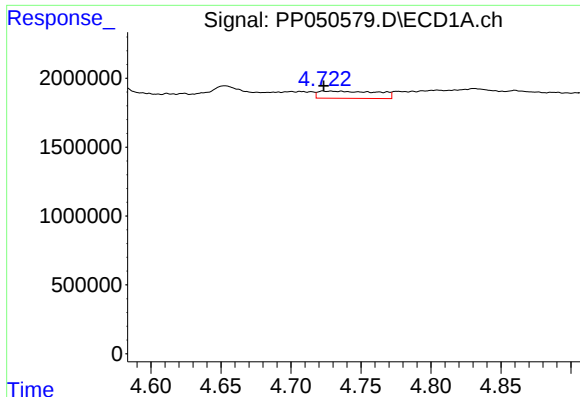
#10 AR-1221-3

R.T.: 4.729 min
Delta R.T.: 0.006 min
Response: 1548253
Conc: 34.41 ng/ml



#10 AR-1221-3

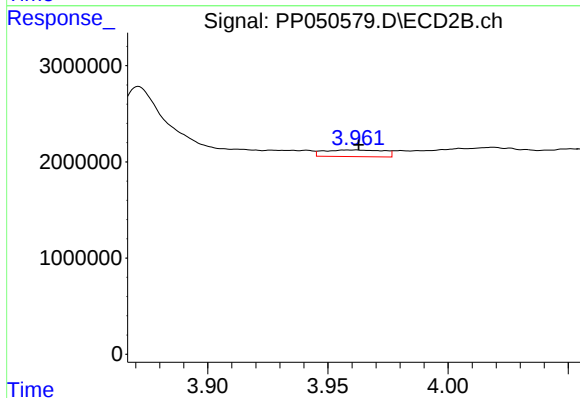
R.T.: 3.962 min
Delta R.T.: -0.002 min
Response: 1194459
Conc: 13.95 ng/ml



#11 AR-1232-1

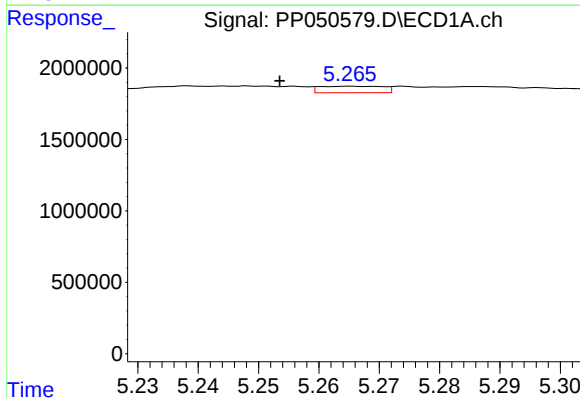
R.T.: 4.729 min
Delta R.T.: 0.005 min
Response: 1548253
Conc: 41.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



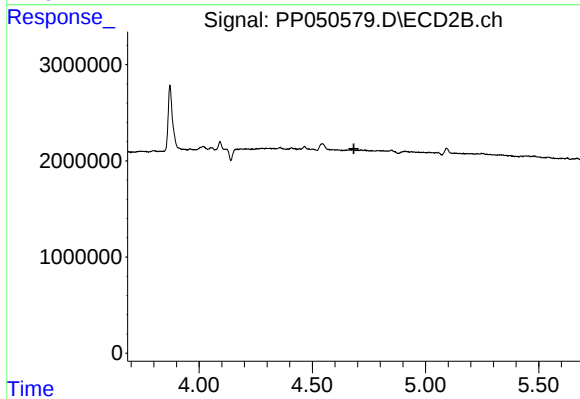
#11 AR-1232-1

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 1194459
Conc: 17.11 ng/ml



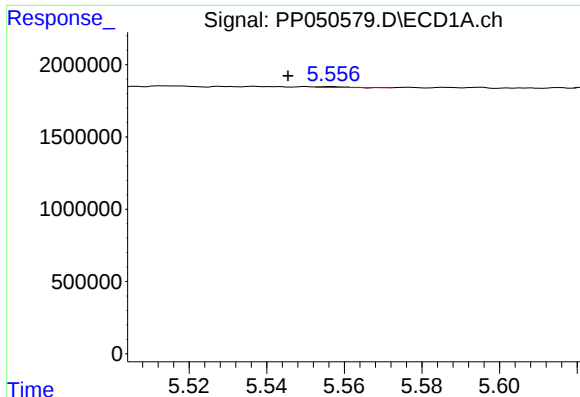
#12 AR-1232-2

R.T.: 5.265 min
Delta R.T.: 0.012 min
Response: 331005
Conc: 18.28 ng/ml



#12 AR-1232-2

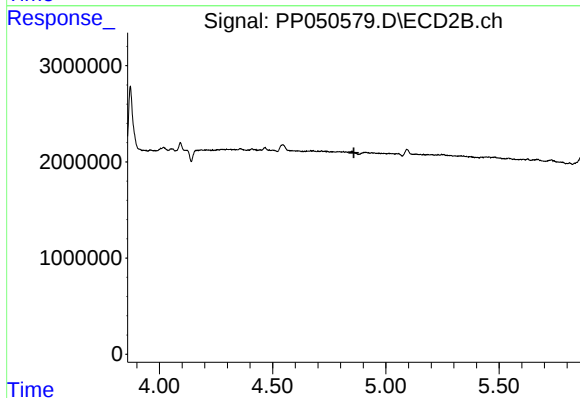
R.T.: 0.000 min
Exp R.T. : 4.684 min
Response: 0
Conc: N.D.



#13 AR-1232-3

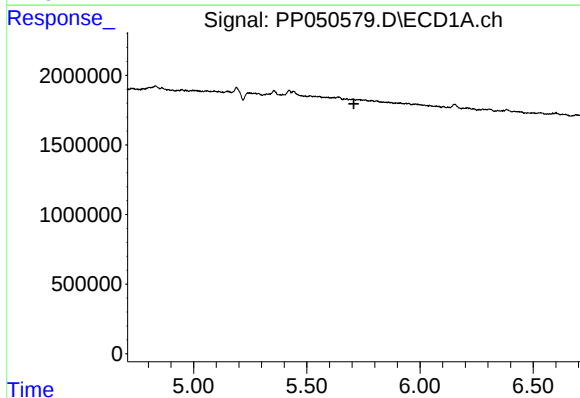
R.T.: 5.556 min
Delta R.T.: 0.011 min
Response: 26929
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



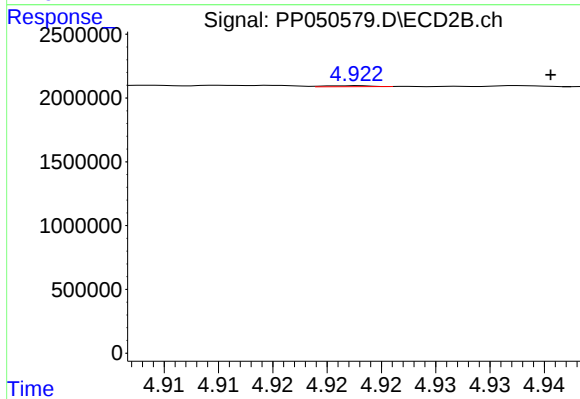
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



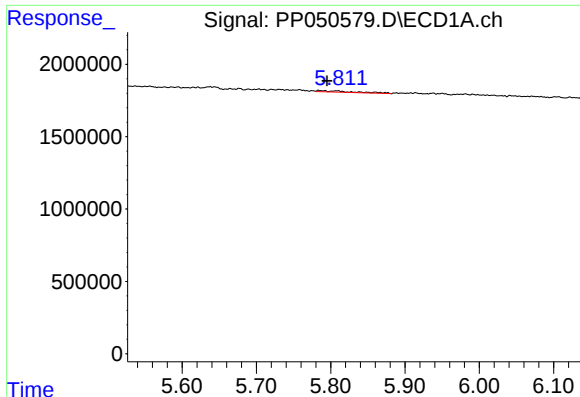
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#14 AR-1232-4

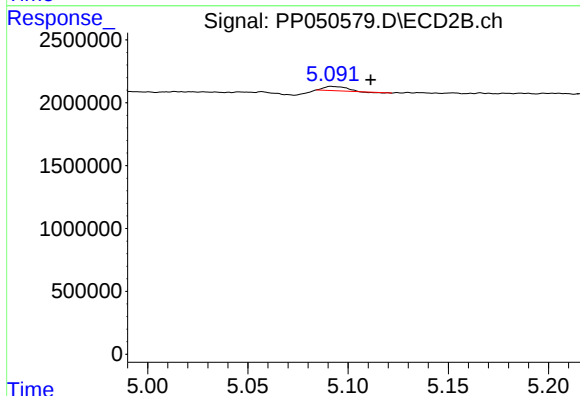
R.T.: 4.923 min
Delta R.T.: -0.018 min
Response: 23046
Conc: 0.78 ng/ml



#15 AR-1232-5

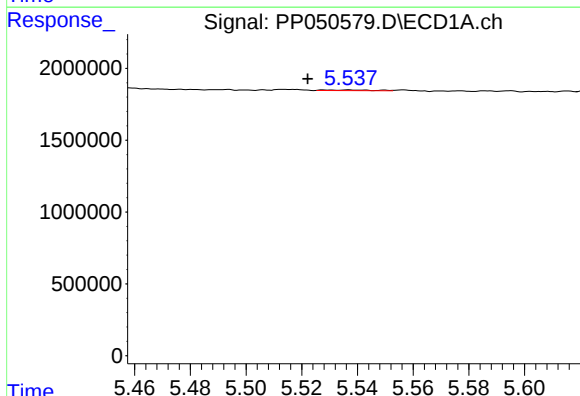
R.T.: 5.785 min
Delta R.T.: -0.010 min
Response: 334610
Conc: 21.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



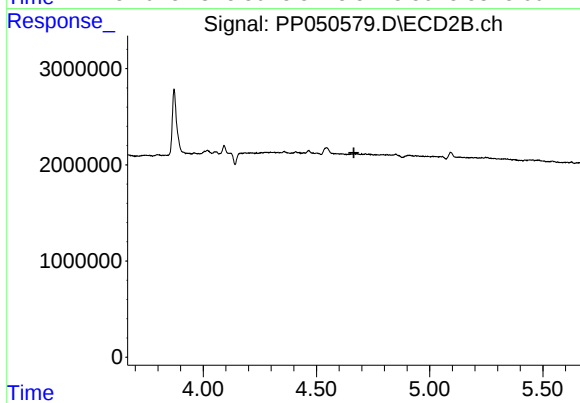
#15 AR-1232-5

R.T.: 5.092 min
Delta R.T.: -0.020 min
Response: 263660
Conc: 8.01 ng/ml



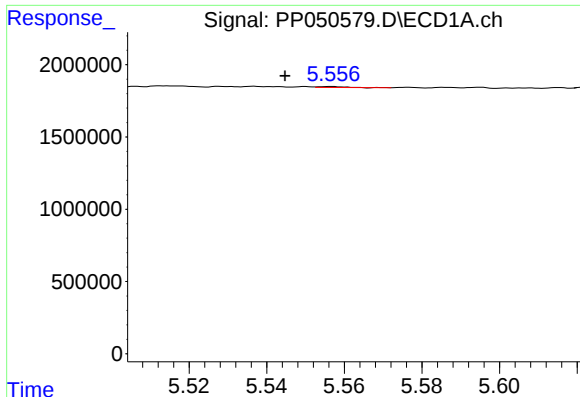
#16 AR-1242-1

R.T.: 5.529 min
Delta R.T.: 0.007 min
Response: 57591
Conc: 1.14 ng/ml



#16 AR-1242-1

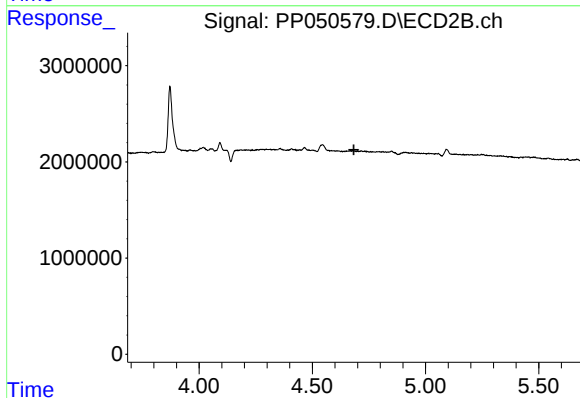
R.T.: 0.000 min
Exp R.T. : 4.665 min
Response: 0
Conc: N.D.



#17 AR-1242-2

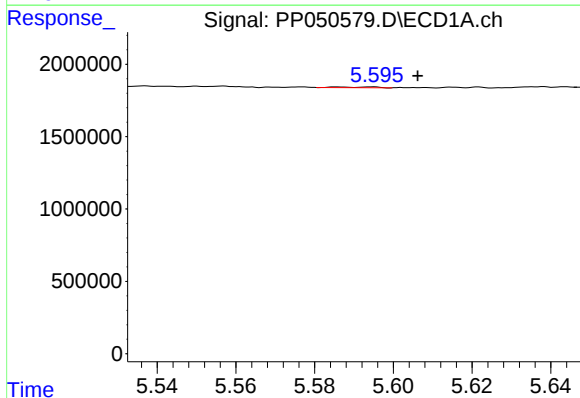
R.T.: 5.556 min
Delta R.T.: 0.012 min
Response: 26929
Conc: 0.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



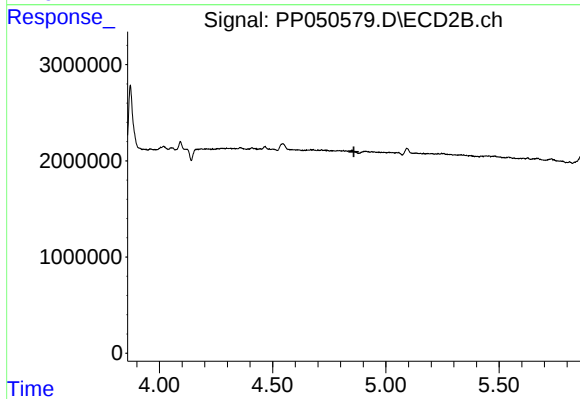
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.684 min
Response: 0
Conc: N.D.



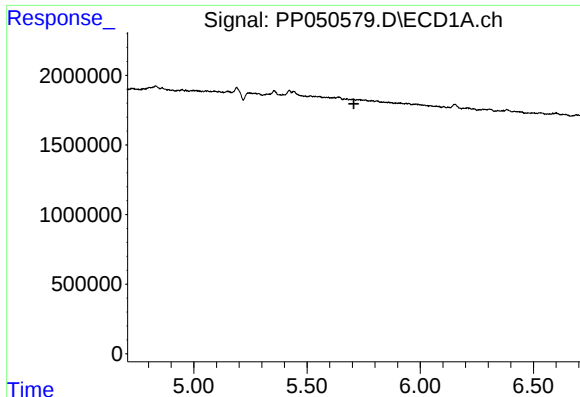
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: -0.012 min
Response: 32871
Conc: 0.74 ng/ml



#18 AR-1242-3

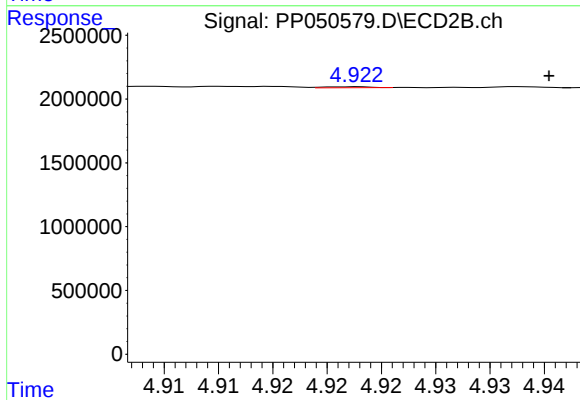
R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



#19 AR-1242-4

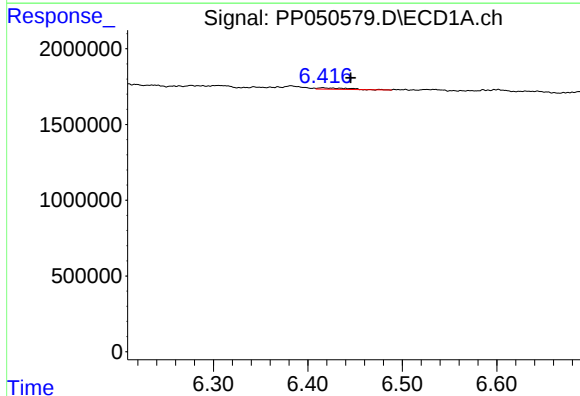
R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



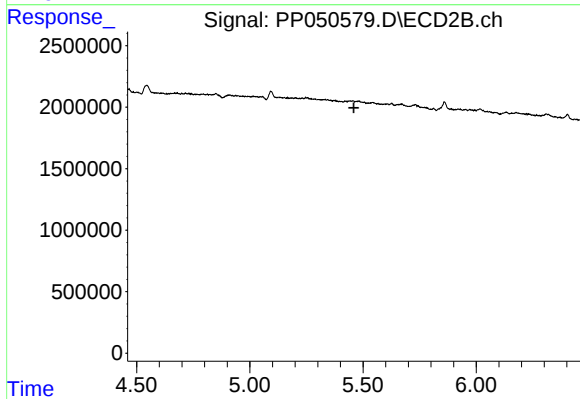
#19 AR-1242-4

R.T.: 4.923 min
Delta R.T.: -0.018 min
Response: 23046
Conc: 0.39 ng/ml



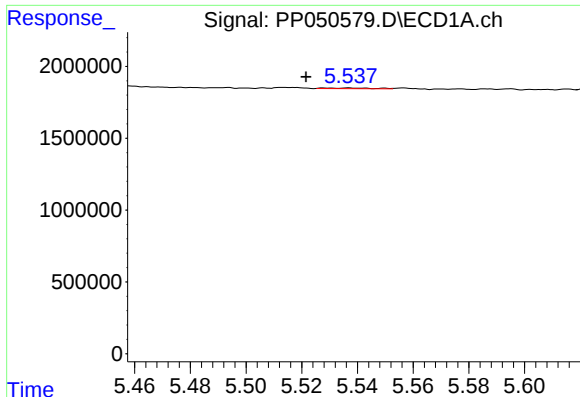
#20 AR-1242-5

R.T.: 6.416 min
Delta R.T.: -0.030 min
Response: 177078
Conc: 4.20 ng/ml



#20 AR-1242-5

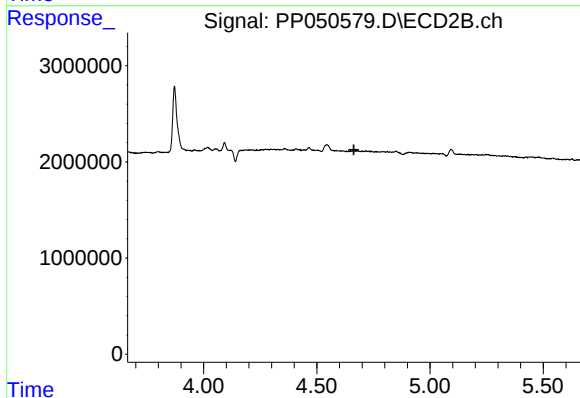
R.T.: 0.000 min
Exp R.T.: 5.460 min
Response: 0
Conc: N.D.



#21 AR-1248-1

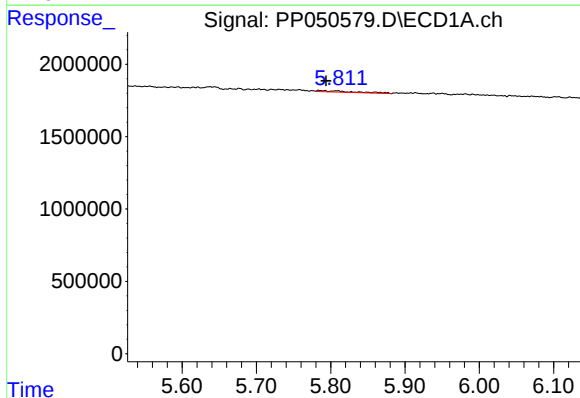
R.T.: 5.529 min
Delta R.T.: 0.007 min
Response: 57591
Conc: 1.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



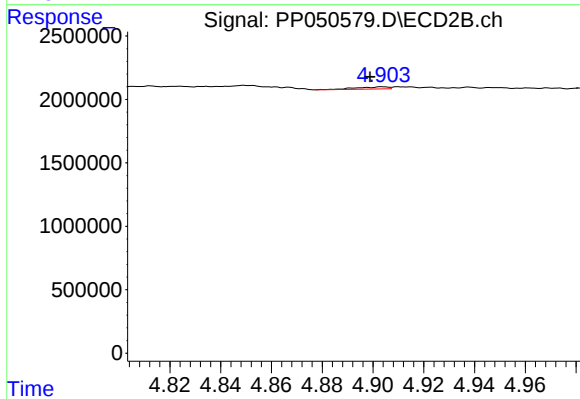
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



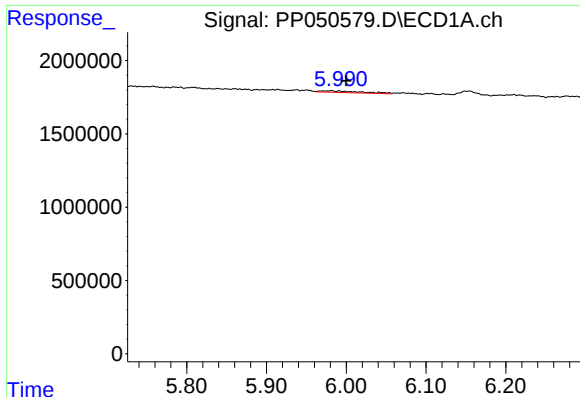
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.009 min
Response: 334610
Conc: 5.99 ng/ml



#22 AR-1248-2

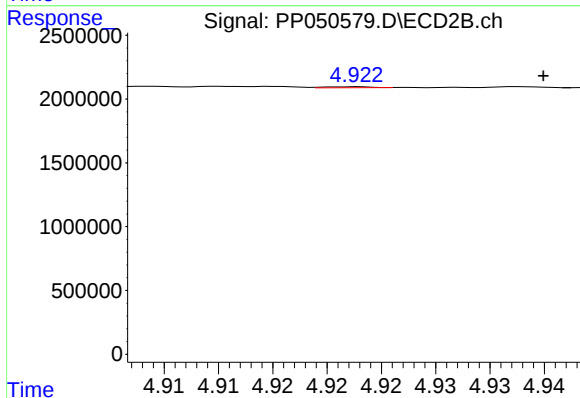
R.T.: 4.904 min
Delta R.T.: 0.005 min
Response: 147230
Conc: 1.70 ng/ml



#23 AR-1248-3

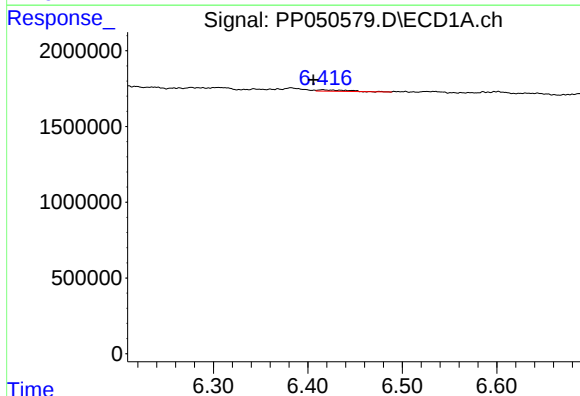
R.T.: 5.980 min
Delta R.T.: -0.019 min
Response: 389940
Conc: 6.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



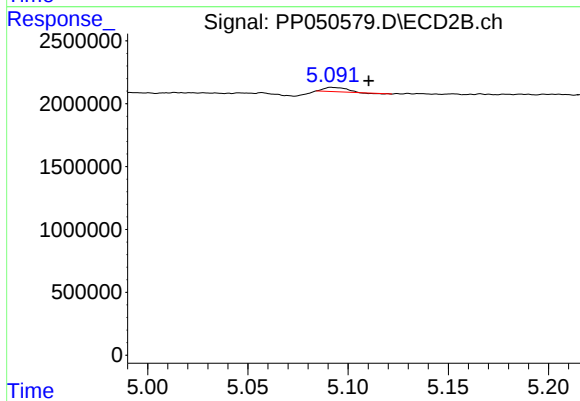
#23 AR-1248-3

R.T.: 4.923 min
Delta R.T.: -0.017 min
Response: 23046
Conc: 0.25 ng/ml



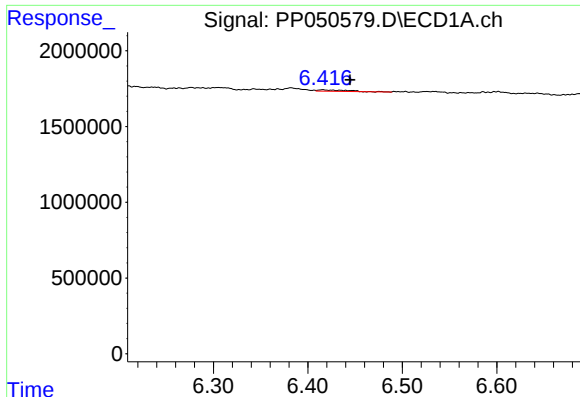
#24 AR-1248-4

R.T.: 6.416 min
Delta R.T.: 0.010 min
Response: 177078
Conc: 2.24 ng/ml



#24 AR-1248-4

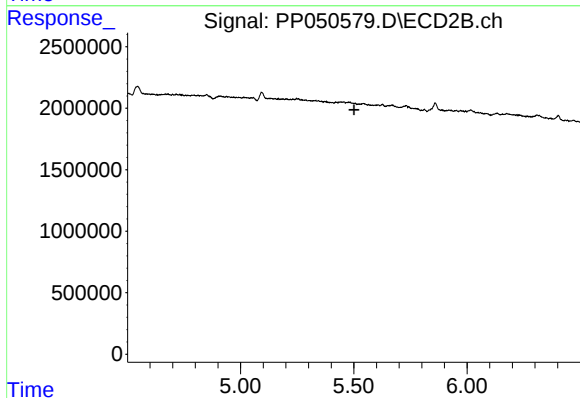
R.T.: 5.092 min
Delta R.T.: -0.019 min
Response: 263660
Conc: 2.50 ng/ml



#25 AR-1248-5

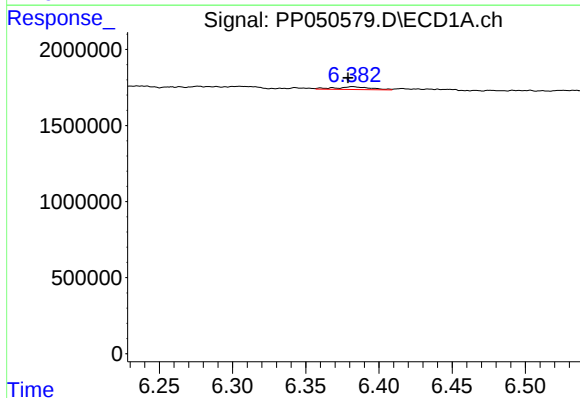
R.T.: 6.416 min
Delta R.T.: -0.029 min
Response: 177078
Conc: 2.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



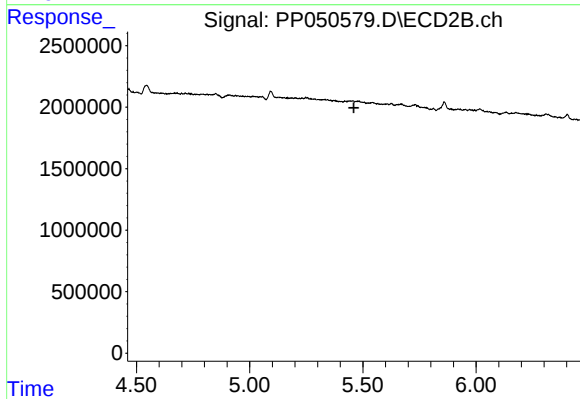
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.501 min
Response: 0
Conc: N.D.



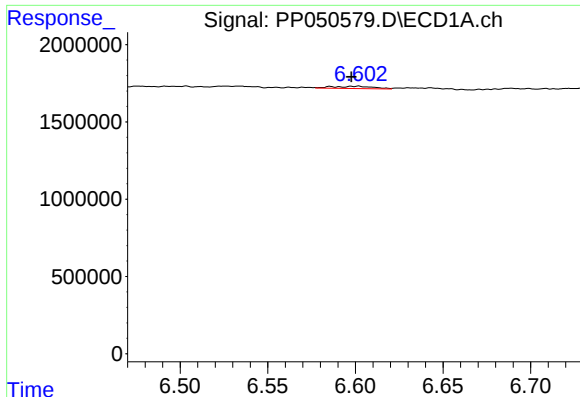
#26 AR-1254-1

R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 307910
Conc: 4.16 ng/ml



#26 AR-1254-1

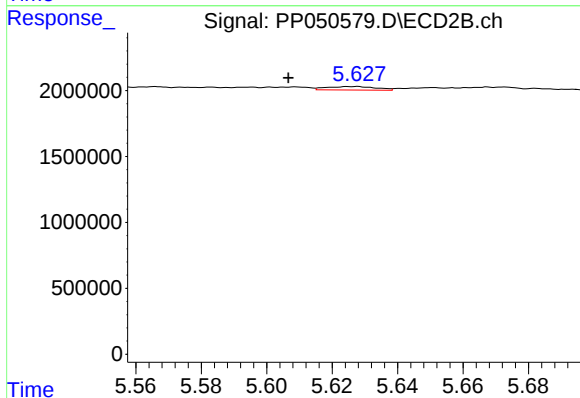
R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



#27 AR-1254-2

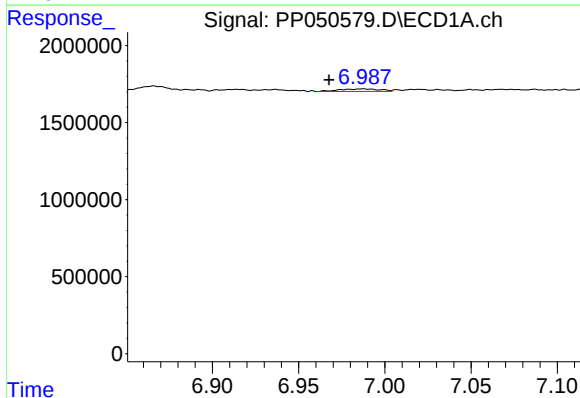
R.T.: 6.601 min
Delta R.T.: 0.003 min
Response: 238768
Conc: 2.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



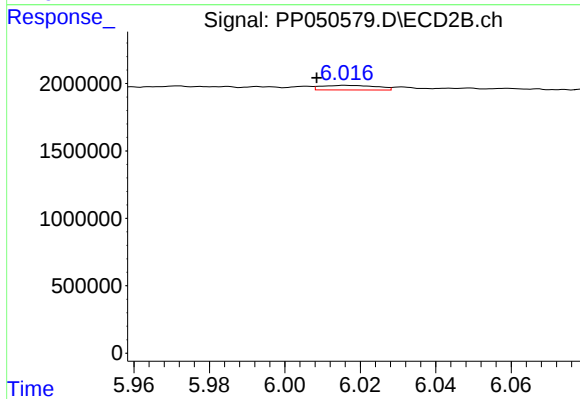
#27 AR-1254-2

R.T.: 5.628 min
Delta R.T.: 0.021 min
Response: 277674
Conc: 2.35 ng/ml



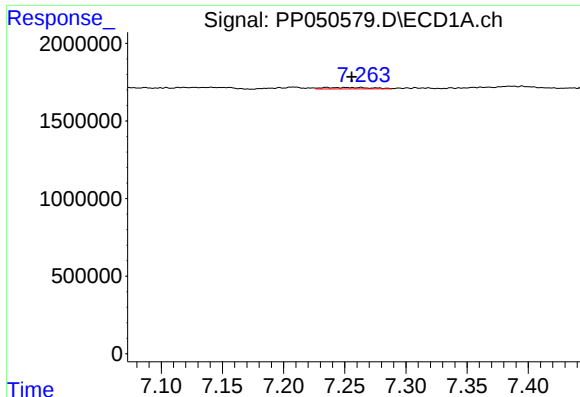
#28 AR-1254-3

R.T.: 6.988 min
Delta R.T.: 0.020 min
Response: 261342
Conc: 2.11 ng/ml



#28 AR-1254-3

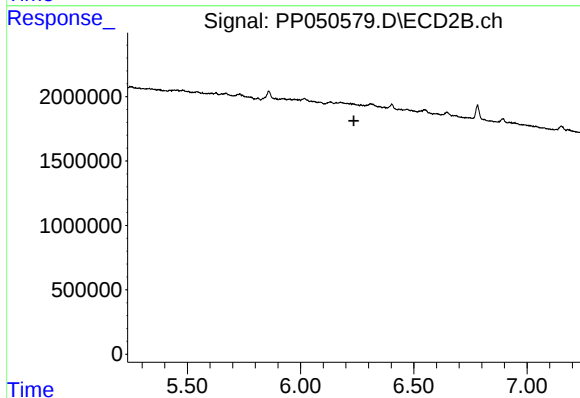
R.T.: 6.016 min
Delta R.T.: 0.008 min
Response: 344880
Conc: 2.00 ng/ml



#29 AR-1254-4

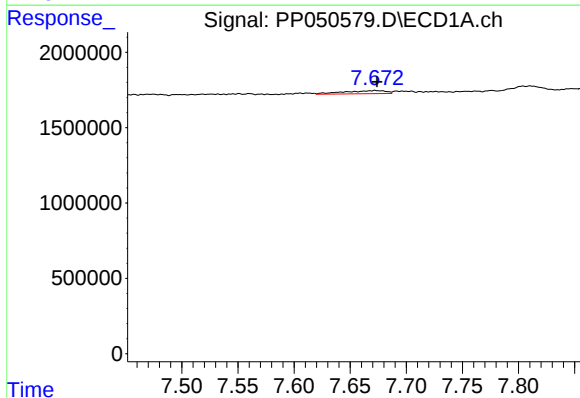
R.T.: 7.235 min
Delta R.T.: -0.020 min
Response: 249489
Conc: 2.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



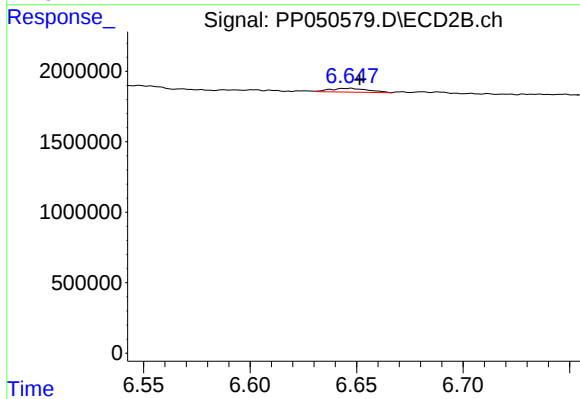
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.236 min
Response: 0
Conc: N.D.



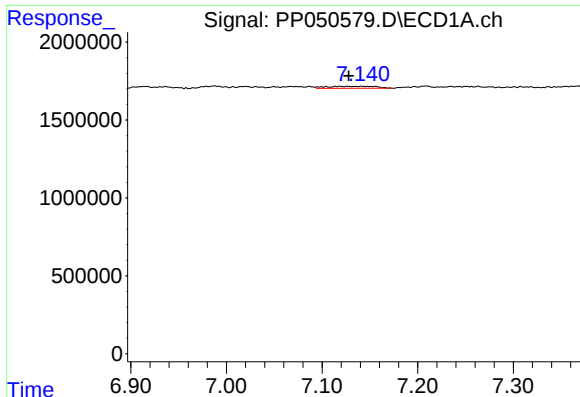
#30 AR-1254-5

R.T.: 7.673 min
Delta R.T.: -0.002 min
Response: 520513
Conc: 5.19 ng/ml



#30 AR-1254-5

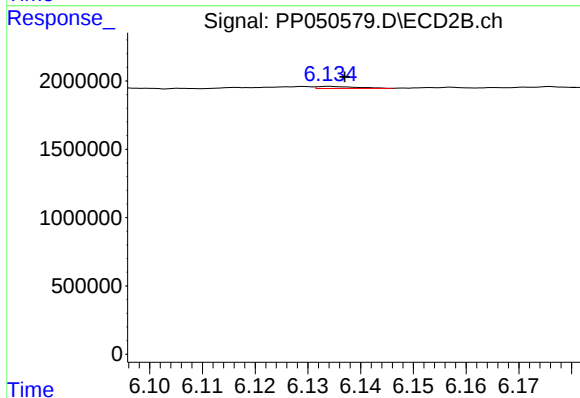
R.T.: 6.647 min
Delta R.T.: -0.004 min
Response: 339467
Conc: 2.55 ng/ml



#31 AR-1260-1

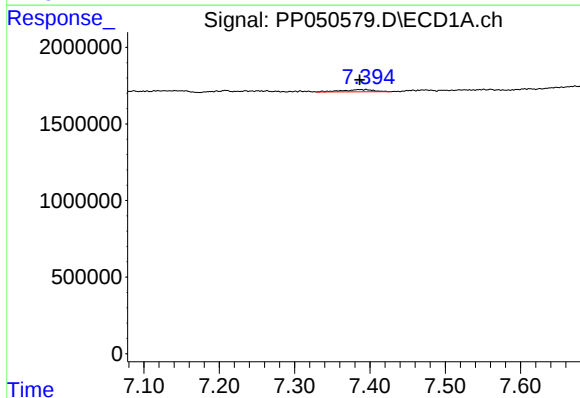
R.T.: 7.118 min
Delta R.T.: -0.010 min
Response: 449780
Conc: 4.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



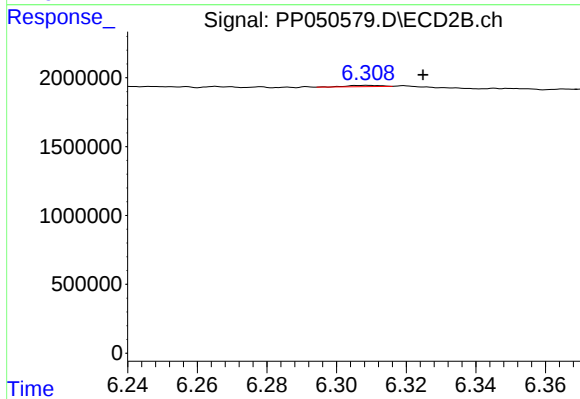
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 75453
Conc: 0.67 ng/ml



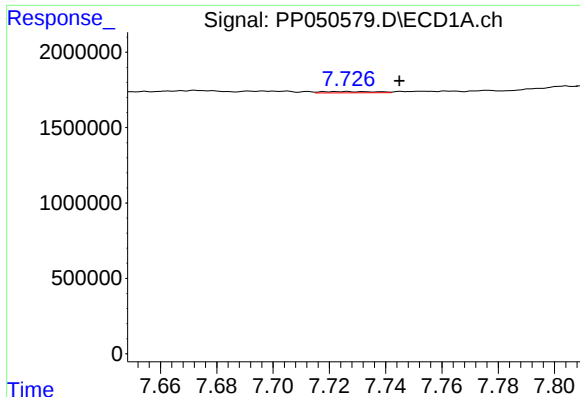
#32 AR-1260-2

R.T.: 7.394 min
Delta R.T.: 0.008 min
Response: 409968
Conc: 3.59 ng/ml



#32 AR-1260-2

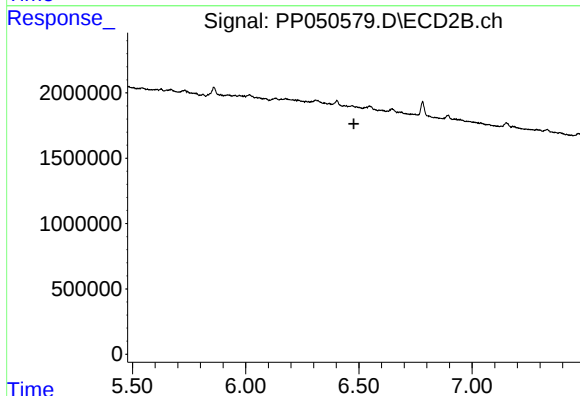
R.T.: 6.309 min
Delta R.T.: -0.016 min
Response: 60306
Conc: 0.45 ng/ml



#33 AR-1260-3

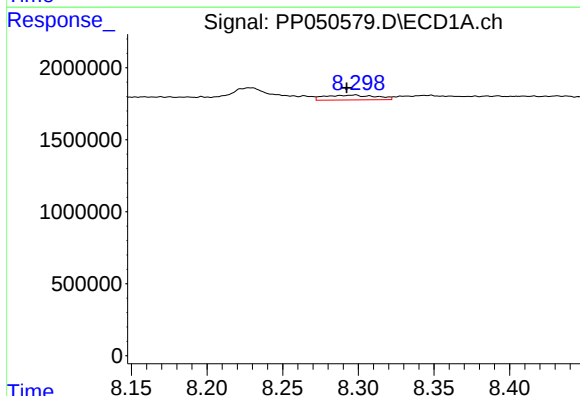
R.T.: 7.726 min
Delta R.T.: -0.019 min
Response: 111988
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



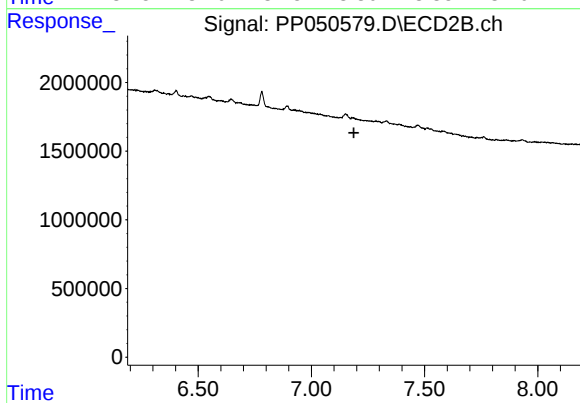
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.478 min
Response: 0
Conc: N.D.



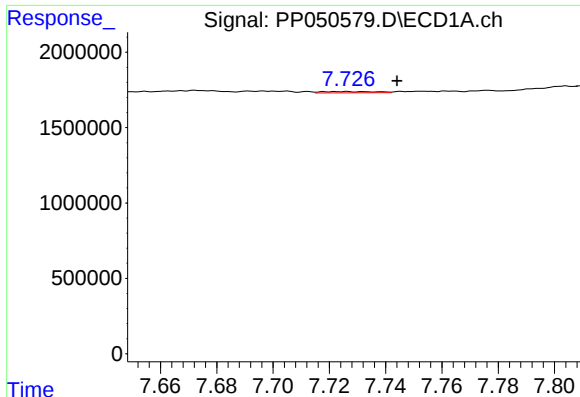
#35 AR-1260-5

R.T.: 8.296 min
Delta R.T.: 0.004 min
Response: 799328
Conc: 4.28 ng/ml



#35 AR-1260-5

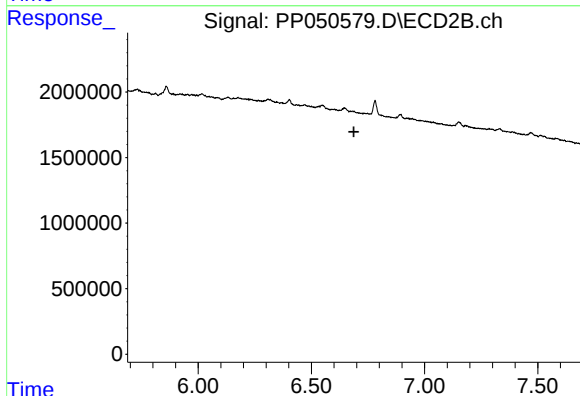
R.T.: 0.000 min
Exp R.T. : 7.188 min
Response: 0
Conc: N.D.



#36 AR-1262-1

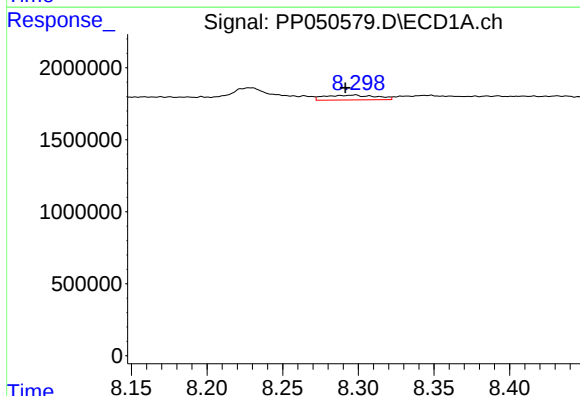
R.T.: 7.726 min
Delta R.T.: -0.018 min
Response: 111988
Conc: 0.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



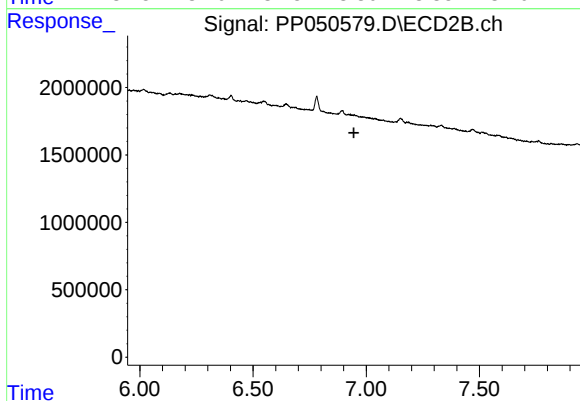
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.688 min
Response: 0
Conc: N.D.



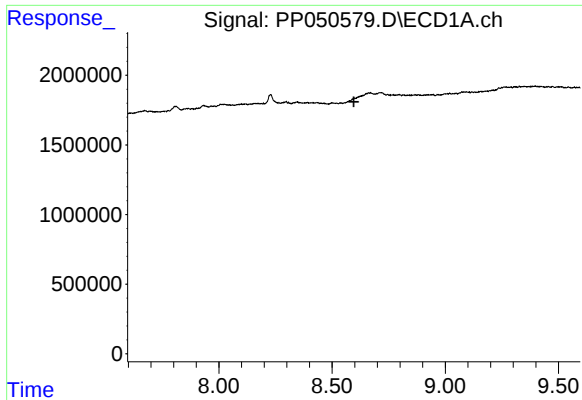
#37 AR-1262-2

R.T.: 8.296 min
Delta R.T.: 0.005 min
Response: 799328
Conc: 3.70 ng/ml



#37 AR-1262-2

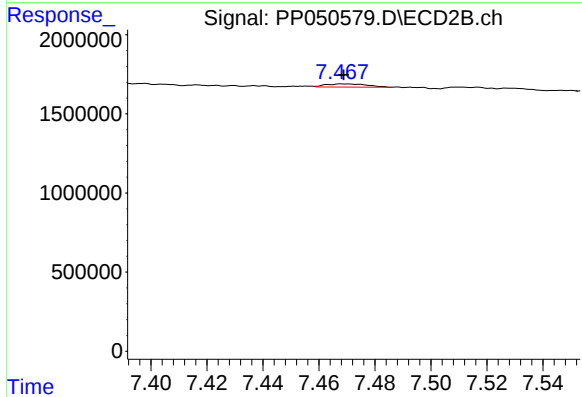
R.T.: 0.000 min
Exp R.T. : 6.945 min
Response: 0
Conc: N.D.



#38 AR-1262-3

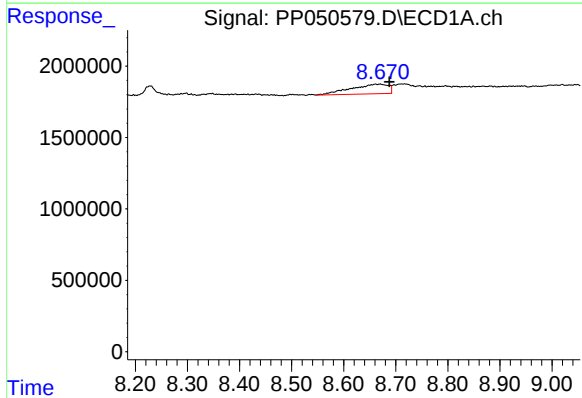
R.T.: 0.000 min
Exp R.T.: 8.596 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



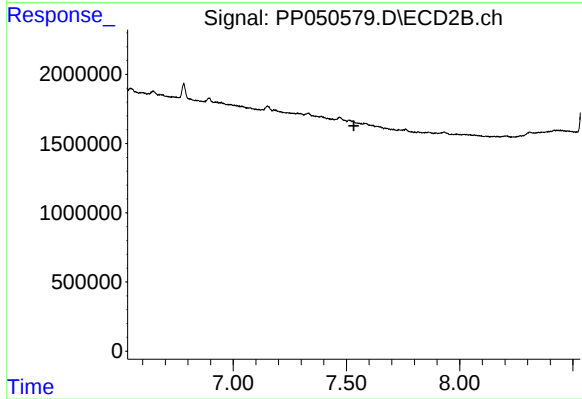
#38 AR-1262-3

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 204953
Conc: 2.82 ng/ml



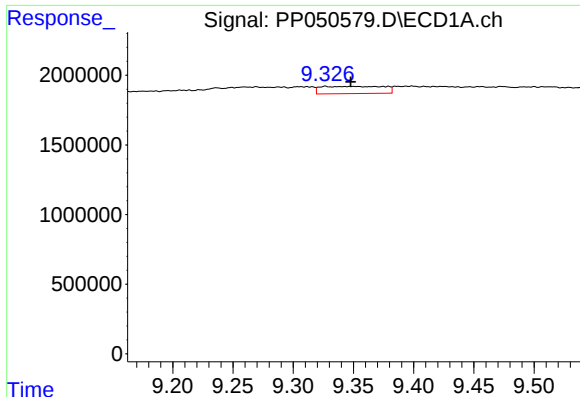
#39 AR-1262-4

R.T.: 8.670 min
Delta R.T.: -0.018 min
Response: 3418015
Conc: 53.17 ng/ml



#39 AR-1262-4

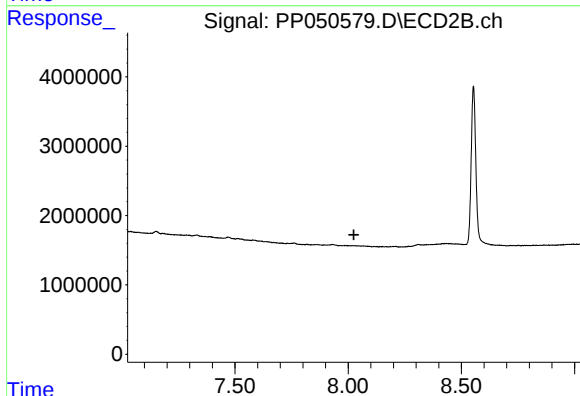
R.T.: 0.000 min
Exp R.T.: 7.533 min
Response: 0
Conc: N.D.



#40 AR-1262-5

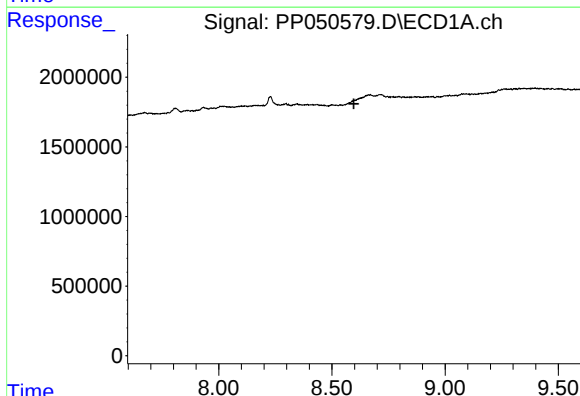
R.T.: 9.327 min
Delta R.T.: -0.021 min
Response: 1853286
Conc: 23.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



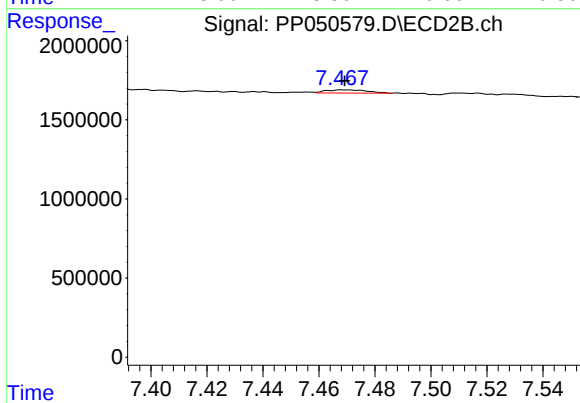
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.026 min
Response: 0
Conc: N.D.



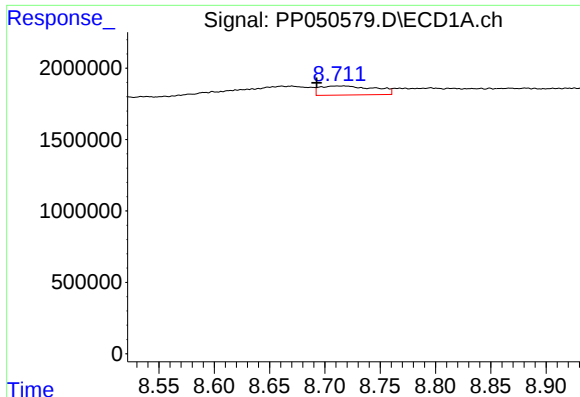
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.597 min
Response: 0
Conc: N.D.



#41 AR-1268-1

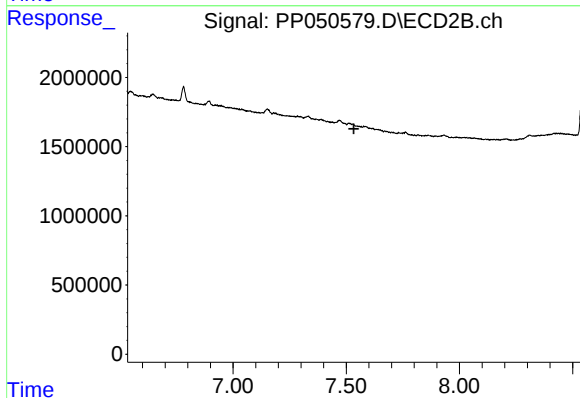
R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 204953
Conc: 0.93 ng/ml



#42 AR-1268-2

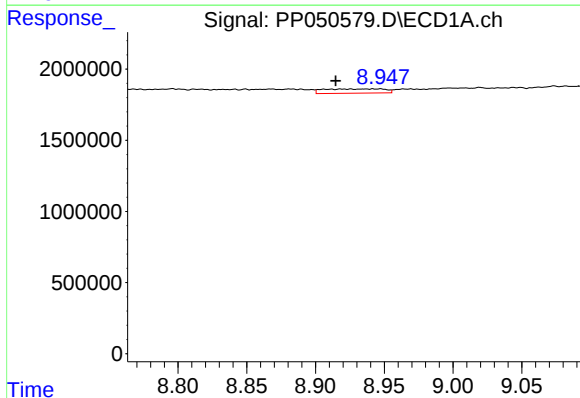
R.T.: 8.713 min
Delta R.T.: 0.020 min
Response: 2192209
Conc: 8.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



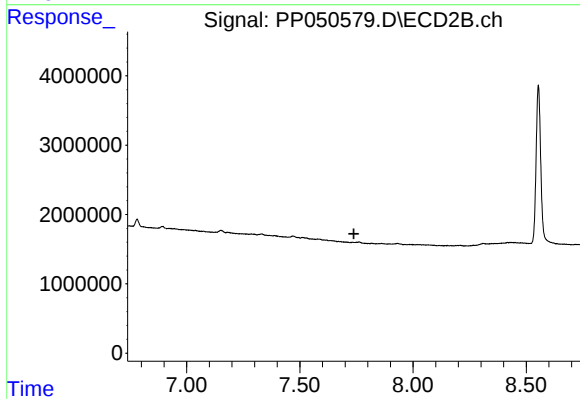
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.534 min
Response: 0
Conc: N.D.



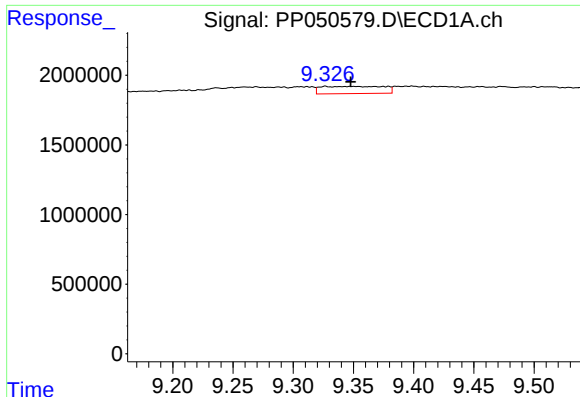
#43 AR-1268-3

R.T.: 8.925 min
Delta R.T.: 0.010 min
Response: 921516
Conc: 4.64 ng/ml



#43 AR-1268-3

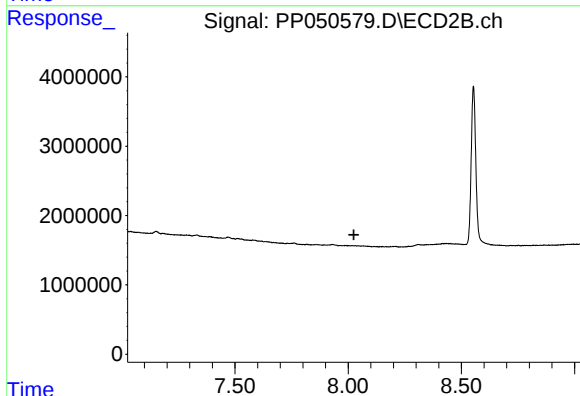
R.T.: 0.000 min
Exp R.T. : 7.739 min
Response: 0
Conc: N.D.



#44 AR-1268-4

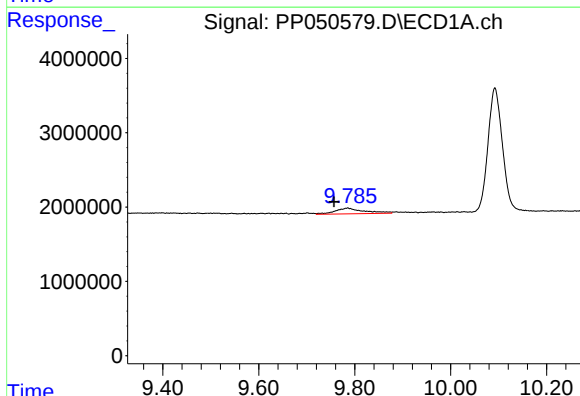
R.T.: 9.327 min
Delta R.T.: -0.021 min
Response: 1853286
Conc: 21.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



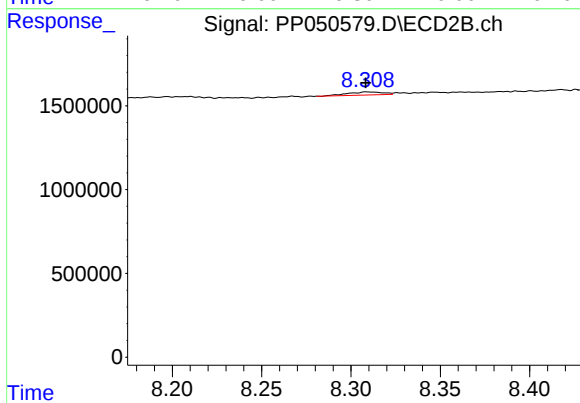
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.785 min
Delta R.T.: 0.028 min
Response: 3284638
Conc: 4.92 ng/ml



#45 AR-1268-5

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 246609
Conc: 0.45 ng/ml