

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061422\
 Data File : PP048750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2022 10:52
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 15:11:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 07 11:09:40 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...	4.038	3.201	48130901	44280428	20.086	23.264
2)	SA Decachlor...	10.387	8.611	40683985	27218813	21.345	22.227
Target Compounds							
3)	L1 AR-1016-1	5.332	0.000	12563	0	0.146	N.D. #
4)	L1 AR-1016-2	5.332f	0.000	12563	0	0.103	N.D. #
5)	L1 AR-1016-3	5.439f	0.000	161472	0	2.130	N.D. #
6)	L1 AR-1016-4	5.528	0.000	117871	0	1.874	N.D. #
7)	L1 AR-1016-5	5.842	0.000	174555	0	2.827	N.D. #
8)	L2 AR-1221-1	4.285	0.000	165226	0	5.939	N.D. #
9)	L2 AR-1221-2	4.372	3.518	584760	633170	28.767	35.316
10)	L2 AR-1221-3	4.449	0.000	86390	0	1.362	N.D. #
11)	L3 AR-1232-1	4.449	0.000	86390	0	1.477	N.D. #
12)	L3 AR-1232-2	5.009f	0.000	87284	0	2.933	N.D. #
13)	L3 AR-1232-3	5.332f	0.000	12563	0	0.226	N.D. #
14)	L3 AR-1232-4	5.528	0.000	117871	0	4.122	N.D. #
15)	L3 AR-1232-5	5.605f	0.000	76084	0	3.638	N.D. #
16)	L4 AR-1242-1	5.332	0.000	12563	0	0.186	N.D. #
17)	L4 AR-1242-2	5.332f	0.000	12563	0	0.129	N.D. #
18)	L4 AR-1242-3	5.439f	0.000	161472	0	2.663	N.D. #
19)	L4 AR-1242-4	5.528	0.000	117871	0	2.317	N.D. #
20)	L4 AR-1242-5	6.360f	0.000	249210	0	4.667	N.D. #
21)	L5 AR-1248-1	5.332	0.000	12563	0	0.244	N.D. #
22)	L5 AR-1248-2	5.605f	0.000	76084	0	1.012	N.D. #
23)	L5 AR-1248-3	5.842	0.000	174555	0	2.088	N.D. #
24)	L5 AR-1248-4	6.302	0.000	38579	0	0.425	N.D. #
25)	L5 AR-1248-5	6.360f	0.000	249210	0	2.815	N.D. #
26)	L6 AR-1254-1	6.274	0.000	165219	0	1.777	N.D. #
27)	L6 AR-1254-2	6.505	0.000	170183	0	1.227	N.D. #
28)	L6 AR-1254-3	6.936f	0.000	607798	0	4.275	N.D. #
29)	L6 AR-1254-4	7.234	0.000	702733	0	6.594	N.D. #
30)	L6 AR-1254-5	7.698	0.000	469995	0	3.959	N.D. #
31)	L7 AR-1260-1	7.087	0.000	296013	0	2.841	N.D. #
32)	L7 AR-1260-2	7.377	0.000	210363	0	1.728	N.D. #
33)	L7 AR-1260-3	7.774	6.325	1535607	108886	18.139	1.124 #
34)	L7 AR-1260-4	8.030	0.000	627870	0	6.069	N.D. #
35)	L7 AR-1260-5	8.390	0.000	485468	0	2.480	N.D. #
36)	L8 AR-1262-1	7.774	0.000	1535607	0	11.407	N.D. #
37)	L8 AR-1262-2	8.390	0.000	485468	0	2.072	N.D. #
38)	L8 AR-1262-3	8.740	7.430	72095	34449	0.735	0.459 #
39)	L8 AR-1262-4	8.829	0.000	258151	0	4.119	N.D. #
40)	L8 AR-1262-5	9.572	0.000	172406	0	2.071	N.D. #
41)	L9 AR-1268-1	8.740	7.430	72095	34449	0.259	0.163 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.829	0.000	258151	0	0.996	N.D. #
43) L9	AR-1268-3	9.091	0.000	207635	0	0.929	N.D. #
44) L9	AR-1268-4	9.572	0.000	172406	0	1.807	N.D. #
45) L9	AR-1268-5	10.023	8.344	284902	113806	0.390	0.244 #

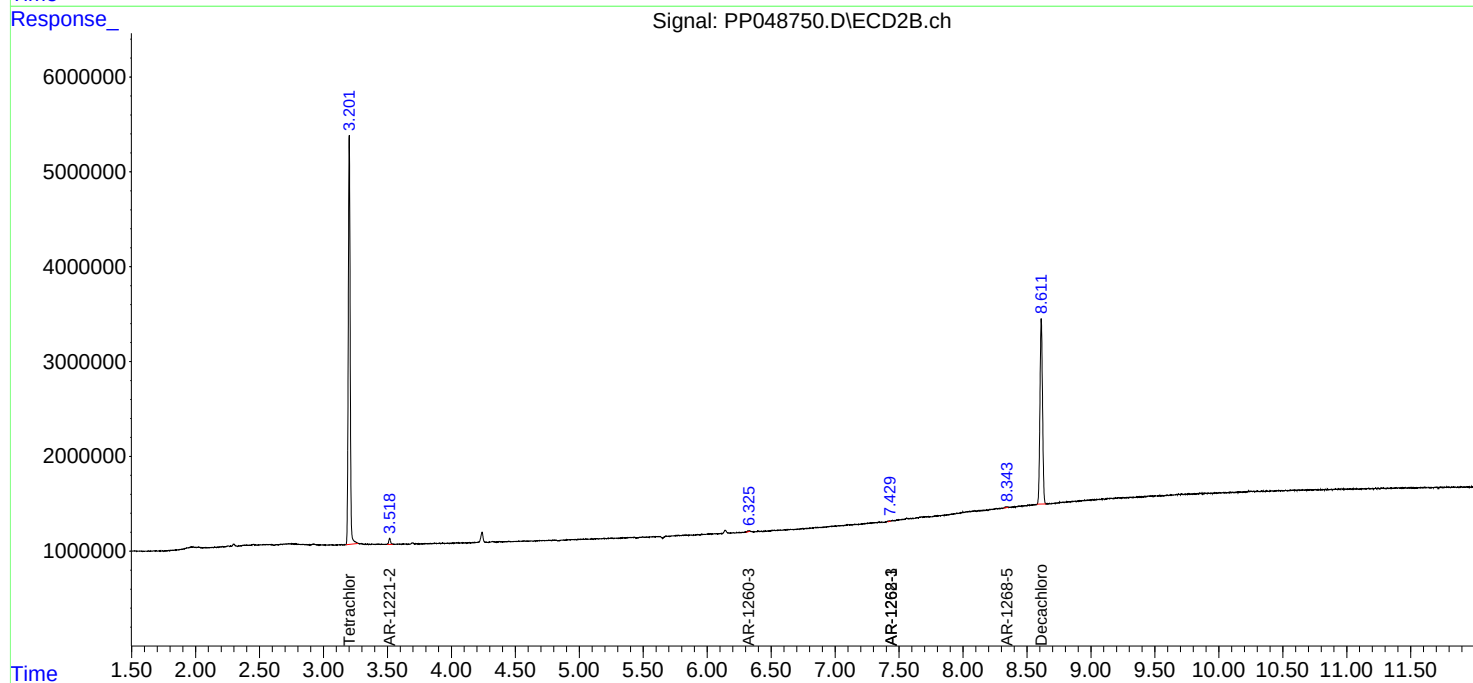
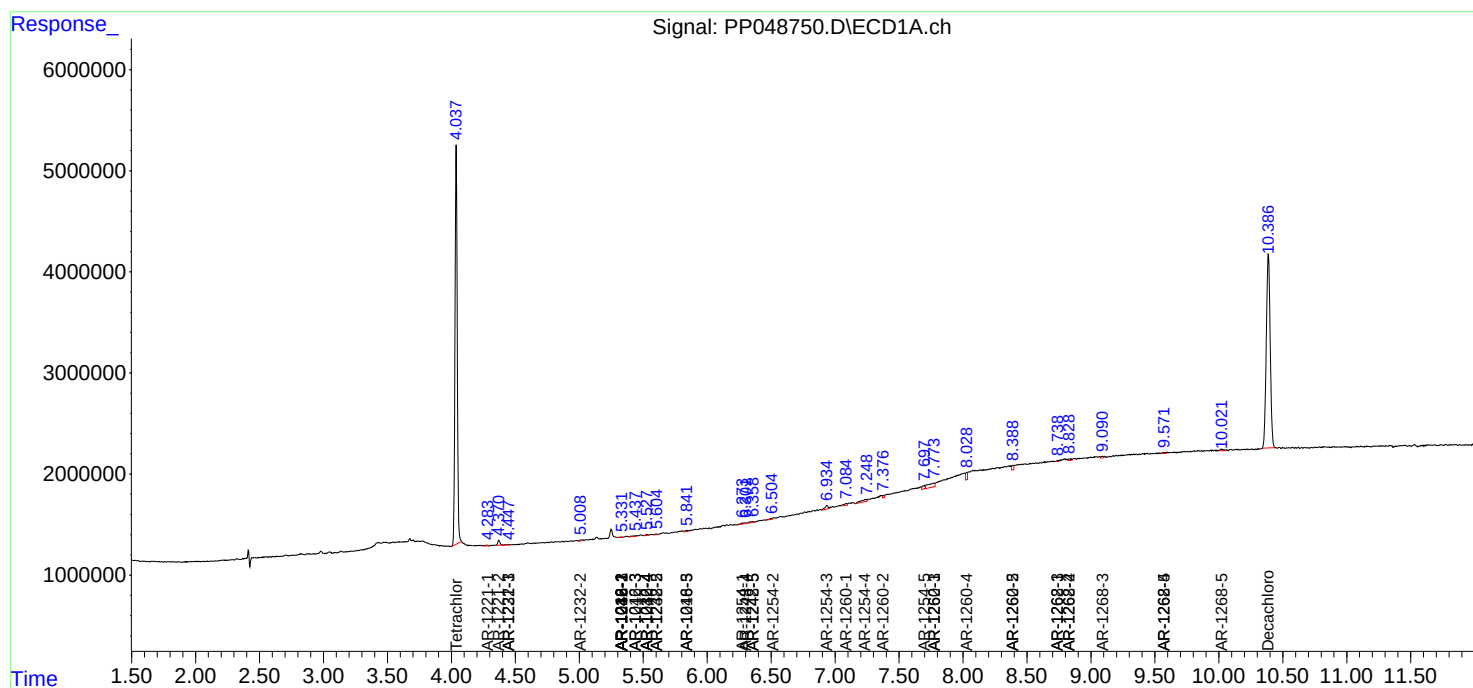
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

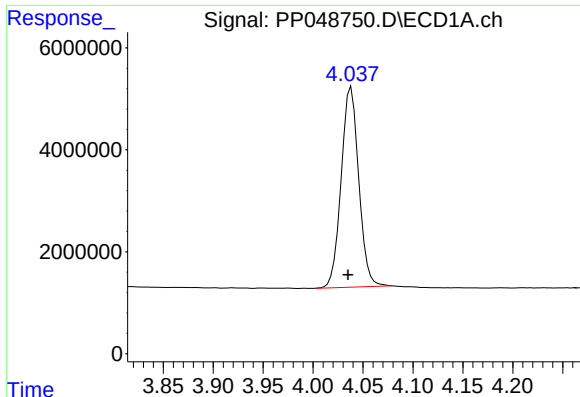
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

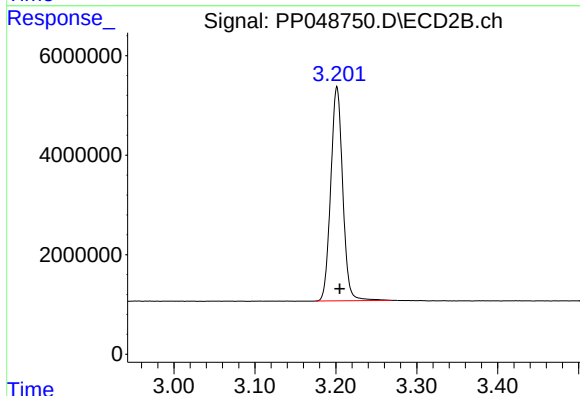




#1 Tetrachloro-m-xylene

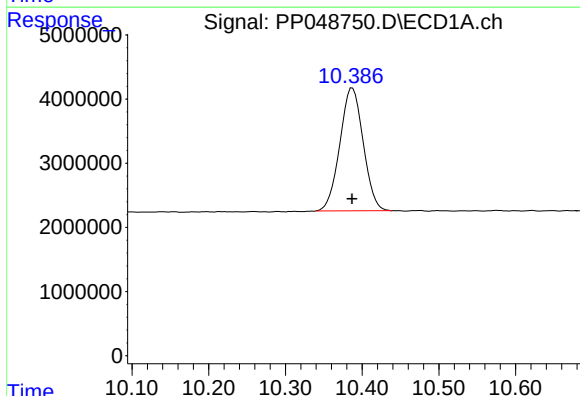
R.T.: 4.038 min
Delta R.T.: 0.003 min
Response: 48130901
Conc: 20.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



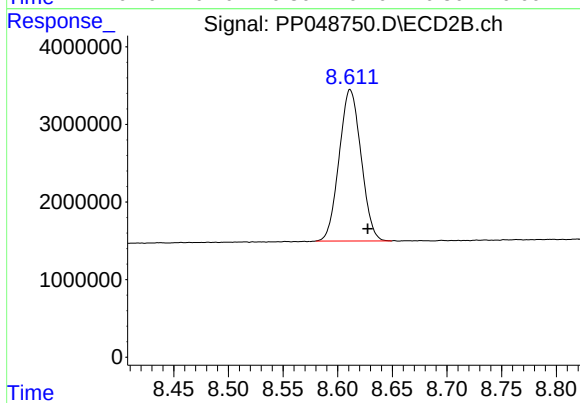
#1 Tetrachloro-m-xylene

R.T.: 3.201 min
Delta R.T.: -0.003 min
Response: 44280428
Conc: 23.26 ng/ml



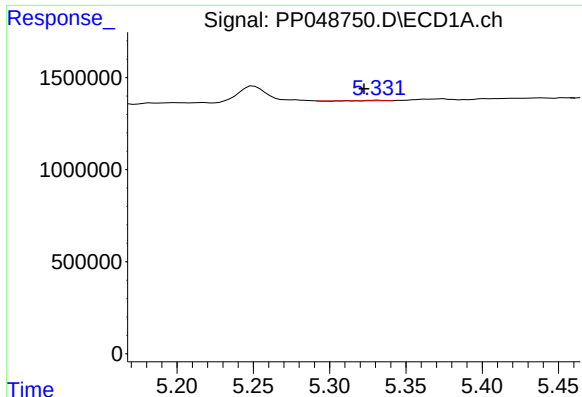
#2 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: 0.000 min
Response: 40683985
Conc: 21.35 ng/ml



#2 Decachlorobiphenyl

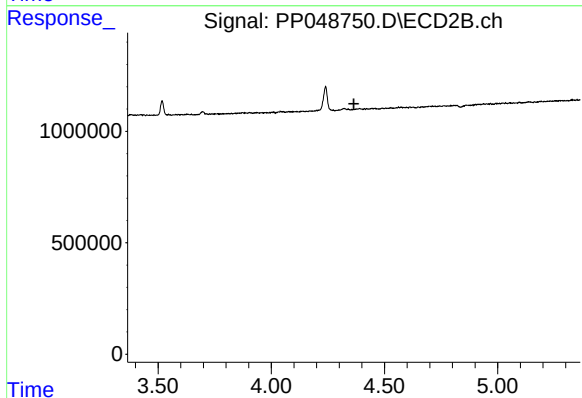
R.T.: 8.611 min
Delta R.T.: -0.016 min
Response: 27218813
Conc: 22.23 ng/ml



#3 AR-1016-1

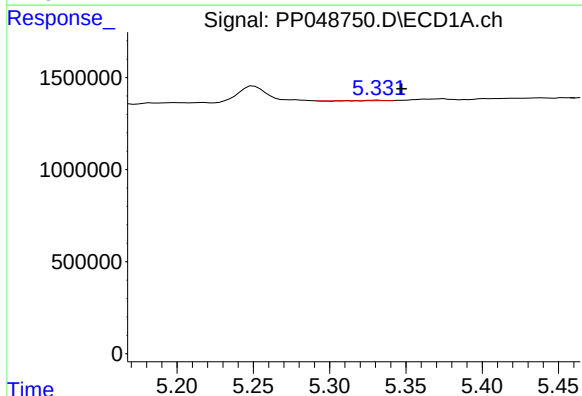
R.T.: 5.332 min
Delta R.T.: 0.010 min
Response: 12563
Conc: 0.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



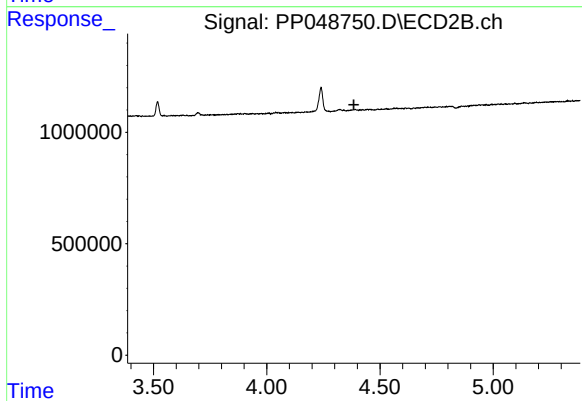
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



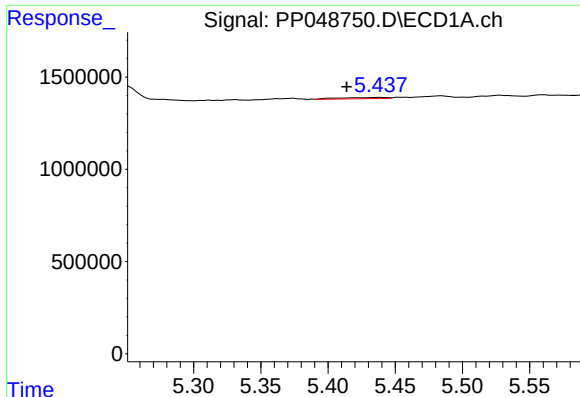
#4 AR-1016-2

R.T.: 5.332 min
Delta R.T.: -0.015 min
Response: 12563
Conc: 0.10 ng/ml



#4 AR-1016-2

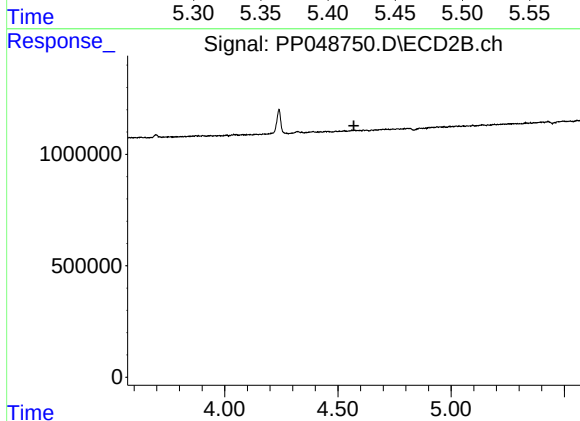
R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



#5 AR-1016-3

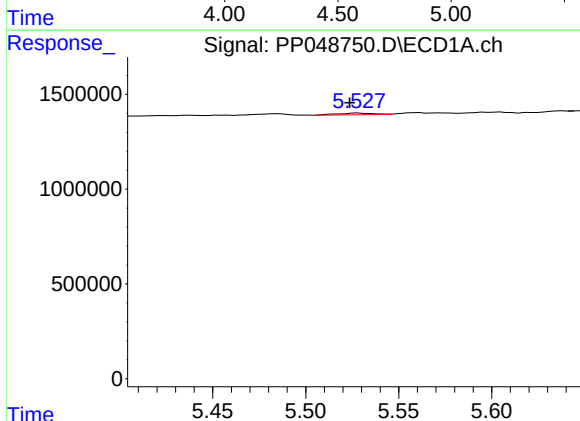
R.T.: 5.439 min
Delta R.T.: 0.024 min
Response: 161472
Conc: 2.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



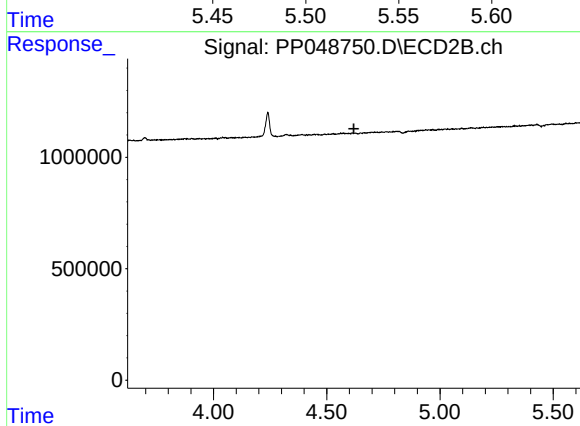
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



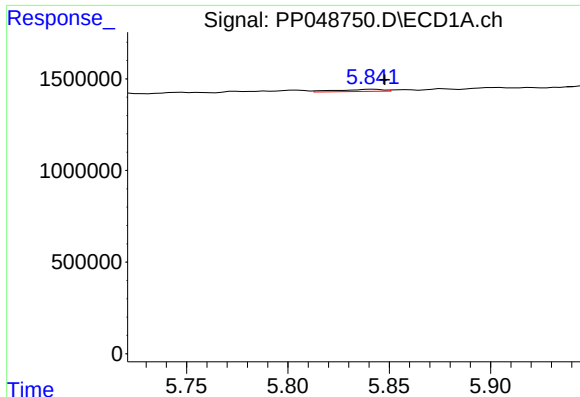
#6 AR-1016-4

R.T.: 5.528 min
Delta R.T.: 0.005 min
Response: 117871
Conc: 1.87 ng/ml



#6 AR-1016-4

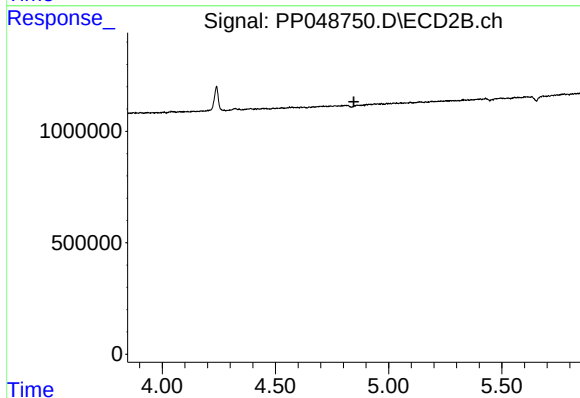
R.T.: 0.000 min
Exp R.T. : 4.620 min
Response: 0
Conc: N.D.



#7 AR-1016-5

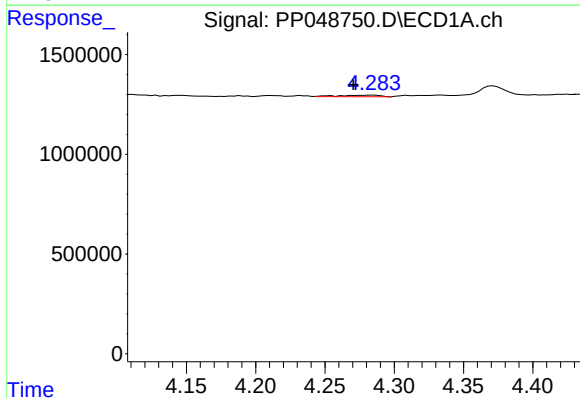
R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 174555
Conc: 2.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



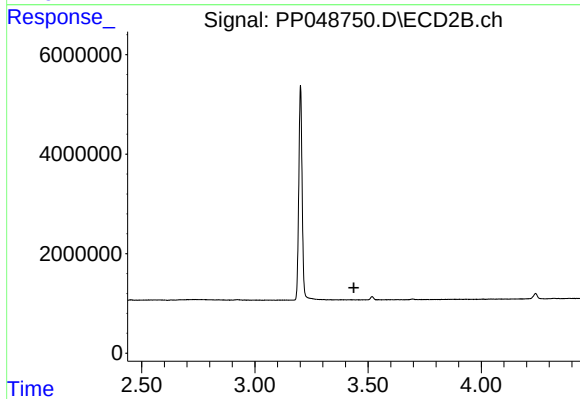
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



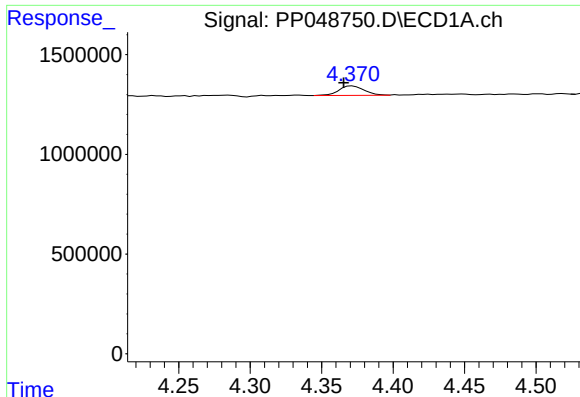
#8 AR-1221-1

R.T.: 4.285 min
Delta R.T.: 0.014 min
Response: 165226
Conc: 5.94 ng/ml



#8 AR-1221-1

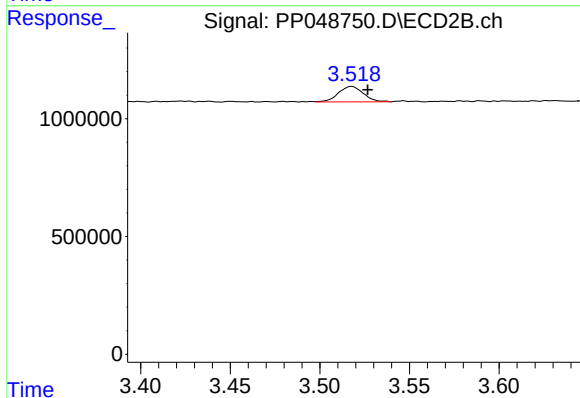
R.T.: 0.000 min
Exp R.T. : 3.437 min
Response: 0
Conc: N.D.



#9 AR-1221-2

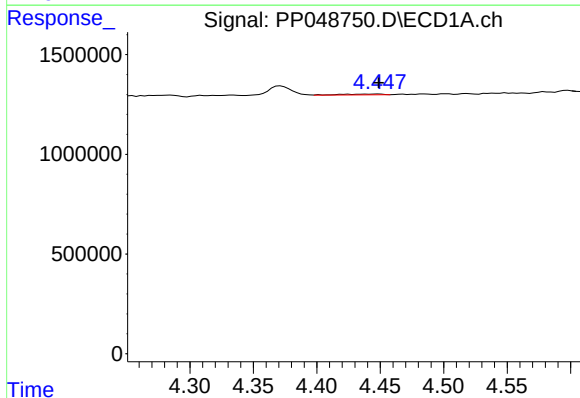
R.T.: 4.372 min
Delta R.T.: 0.006 min
Response: 584760
Conc: 28.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



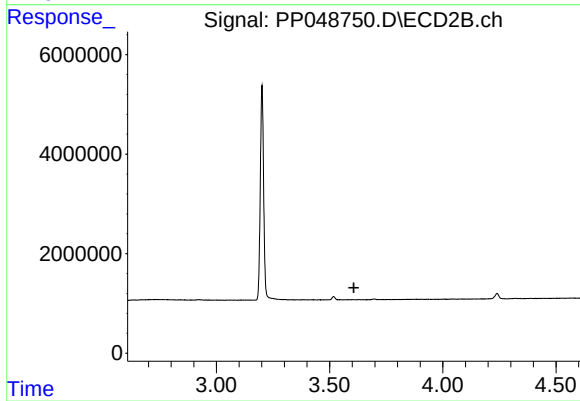
#9 AR-1221-2

R.T.: 3.518 min
Delta R.T.: -0.009 min
Response: 633170
Conc: 35.32 ng/ml



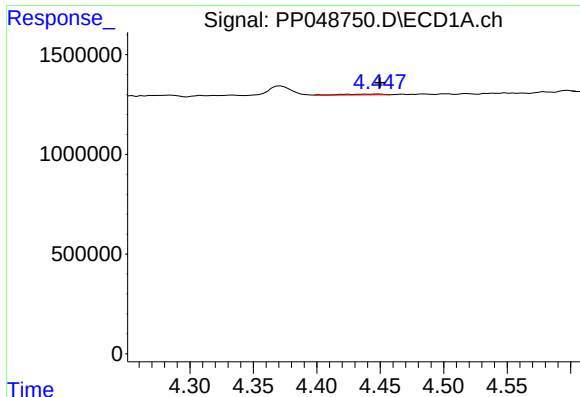
#10 AR-1221-3

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 86390
Conc: 1.36 ng/ml



#10 AR-1221-3

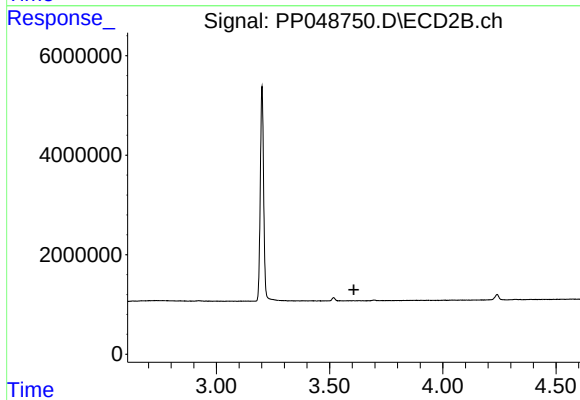
R.T.: 0.000 min
Exp R.T. : 3.608 min
Response: 0
Conc: N.D.



#11 AR-1232-1

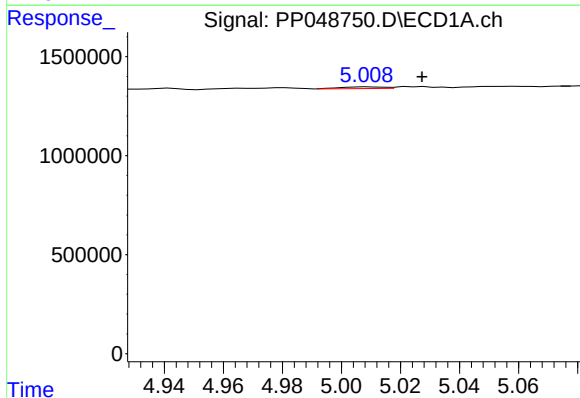
R.T.: 4.449 min
Delta R.T.: -0.001 min
Response: 86390
Conc: 1.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



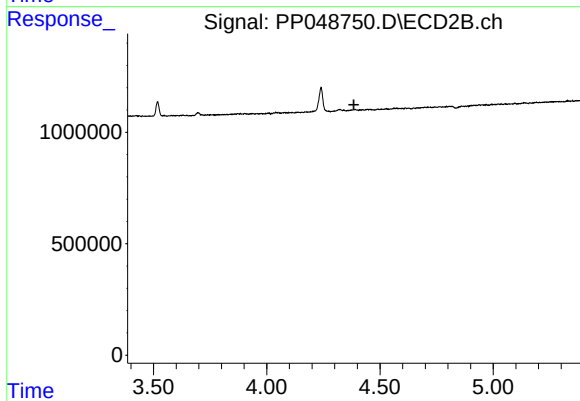
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.608 min
Response: 0
Conc: N.D.



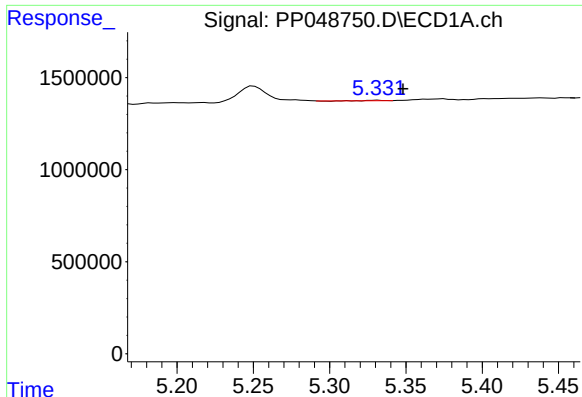
#12 AR-1232-2

R.T.: 5.009 min
Delta R.T.: -0.018 min
Response: 87284
Conc: 2.93 ng/ml



#12 AR-1232-2

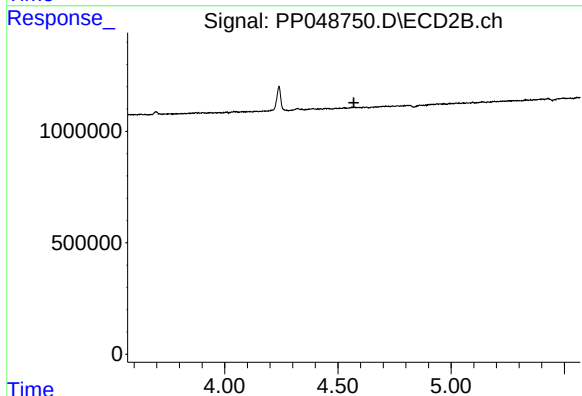
R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



#13 AR-1232-3

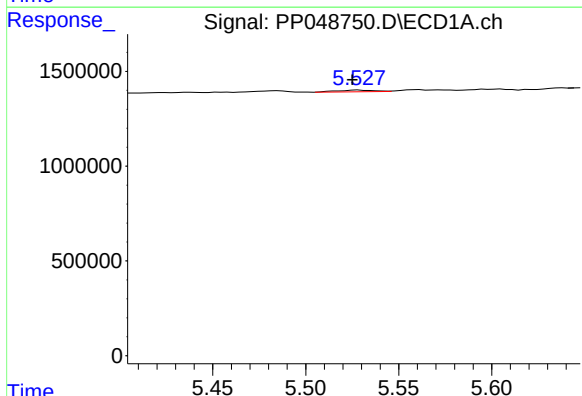
R.T.: 5.332 min
Delta R.T.: -0.016 min
Response: 12563
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



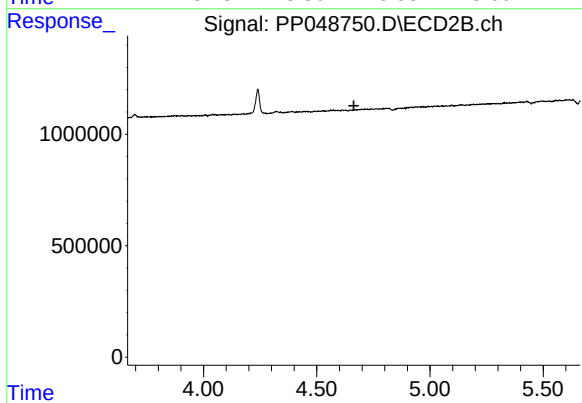
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



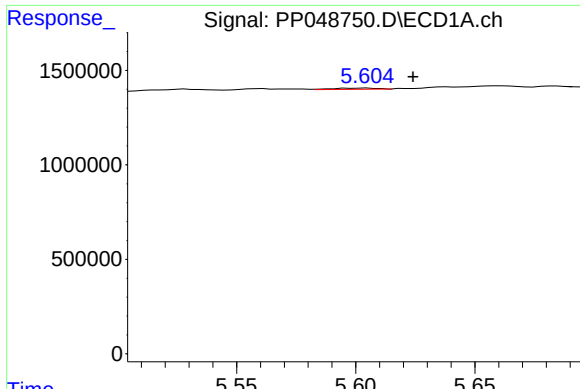
#14 AR-1232-4

R.T.: 5.528 min
Delta R.T.: 0.003 min
Response: 117871
Conc: 4.12 ng/ml



#14 AR-1232-4

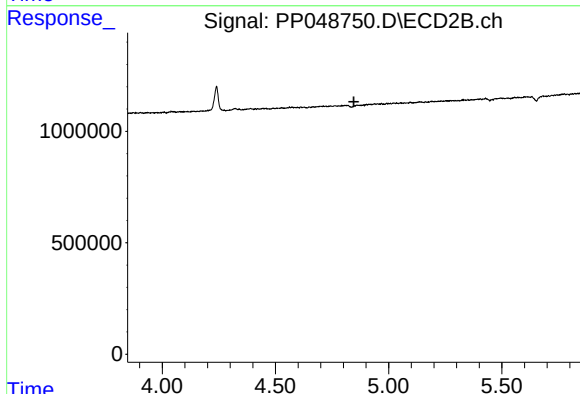
R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



#15 AR-1232-5

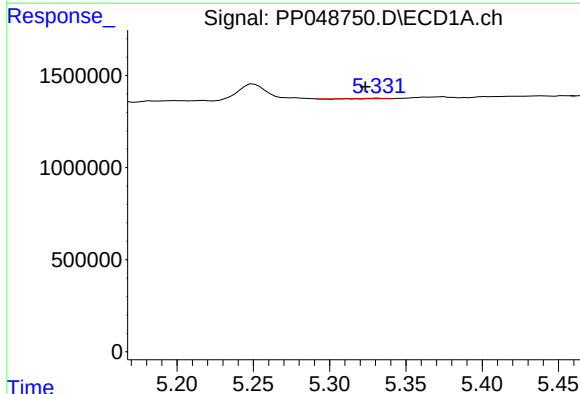
R.T.: 5.605 min
Delta R.T.: -0.019 min
Response: 76084
Conc: 3.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



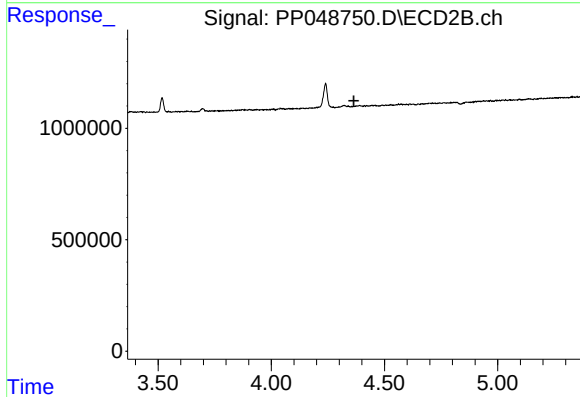
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



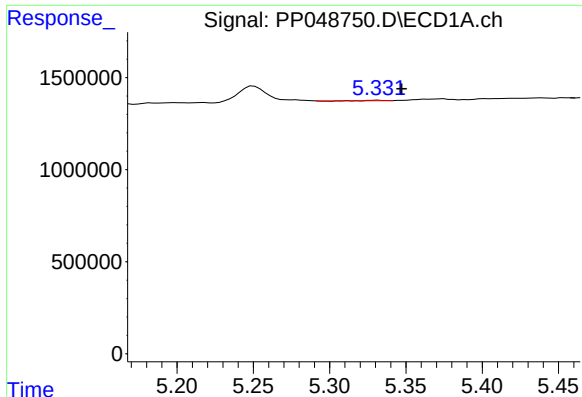
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: 0.009 min
Response: 12563
Conc: 0.19 ng/ml



#16 AR-1242-1

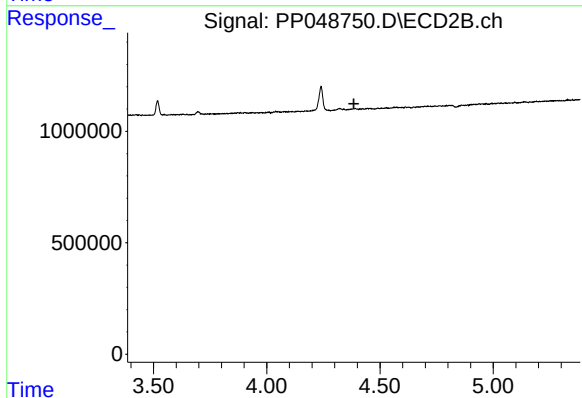
R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



#17 AR-1242-2

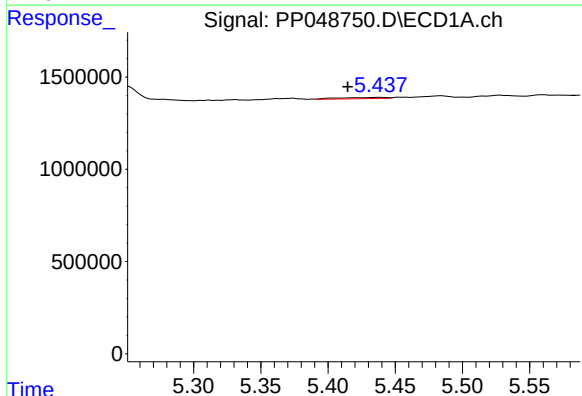
R.T.: 5.332 min
Delta R.T.: -0.015 min
Response: 12563
Conc: 0.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



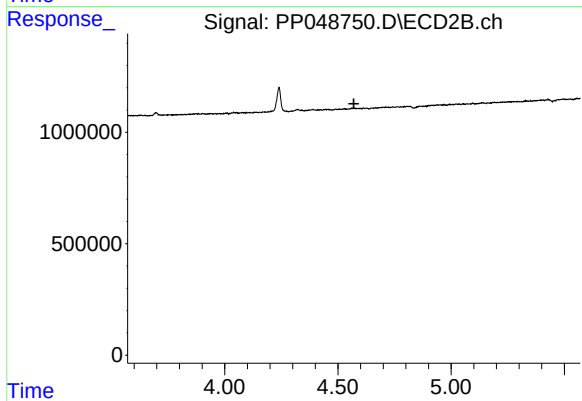
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.385 min
Response: 0
Conc: N.D.



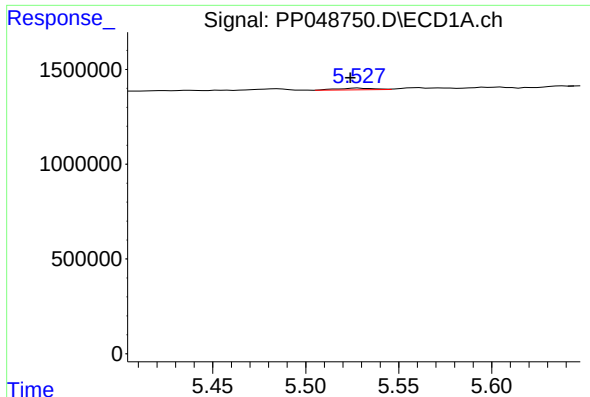
#18 AR-1242-3

R.T.: 5.439 min
Delta R.T.: 0.024 min
Response: 161472
Conc: 2.66 ng/ml



#18 AR-1242-3

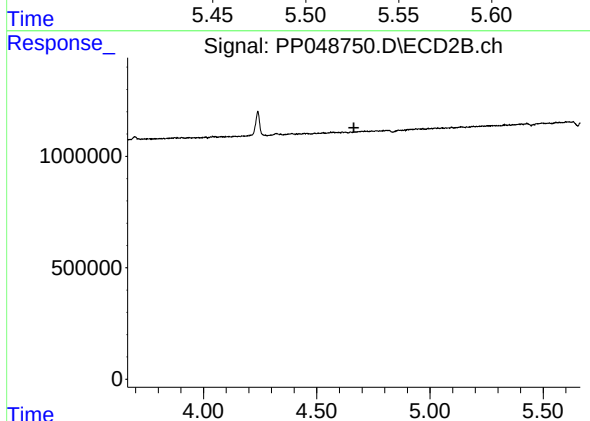
R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



#19 AR-1242-4

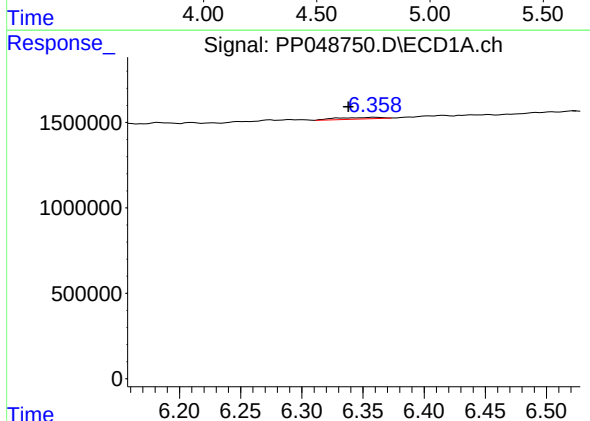
R.T.: 5.528 min
Delta R.T.: 0.004 min
Response: 117871
Conc: 2.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



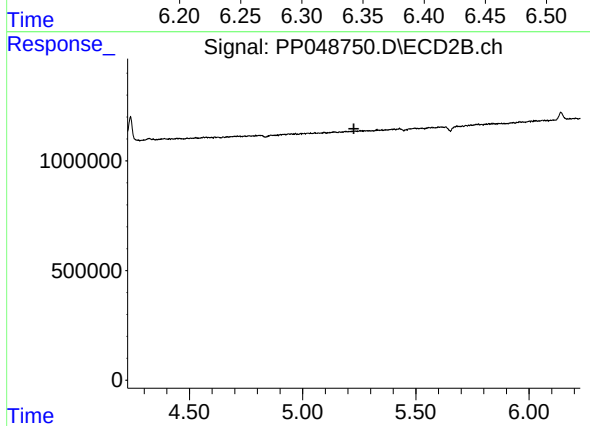
#19 AR-1242-4

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



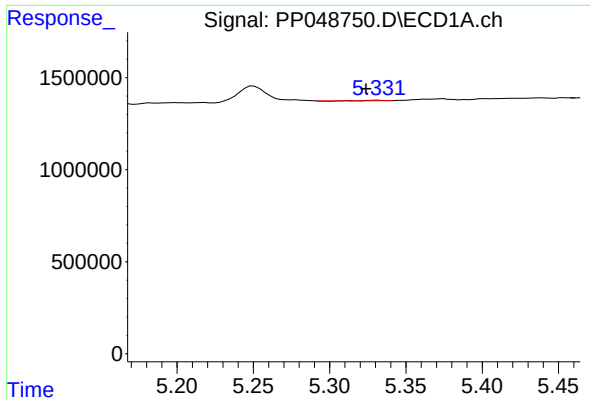
#20 AR-1242-5

R.T.: 6.360 min
Delta R.T.: 0.022 min
Response: 249210
Conc: 4.67 ng/ml



#20 AR-1242-5

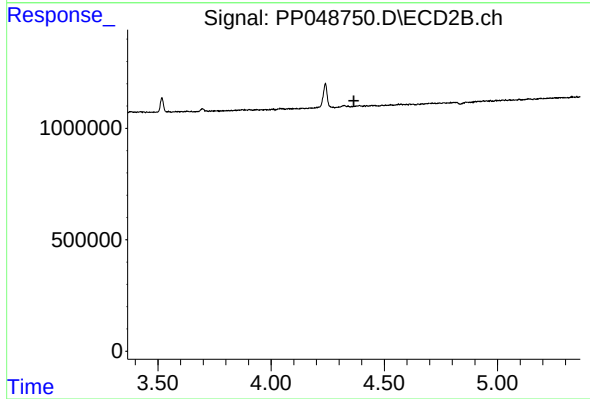
R.T.: 0.000 min
Exp R.T. : 5.226 min
Response: 0
Conc: N.D.



#21 AR-1248-1

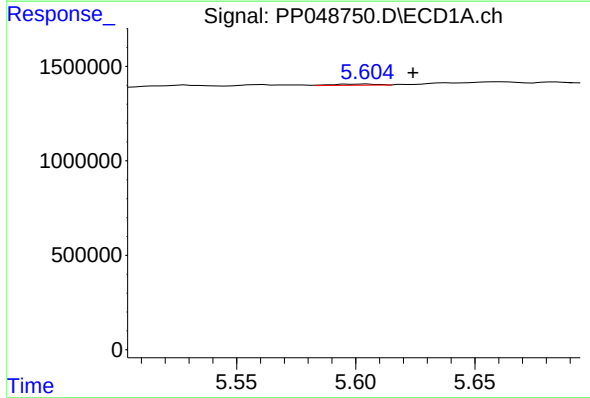
R.T.: 5.332 min
Delta R.T.: 0.008 min
Response: 12563
Conc: 0.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



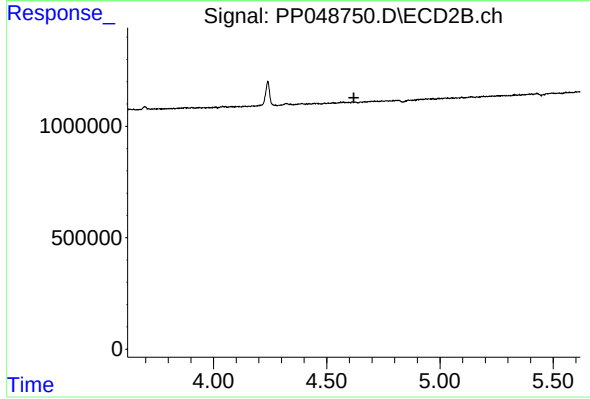
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.365 min
Response: 0
Conc: N.D.



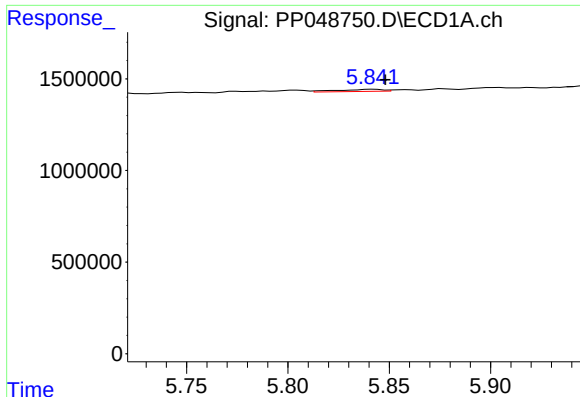
#22 AR-1248-2

R.T.: 5.605 min
Delta R.T.: -0.019 min
Response: 76084
Conc: 1.01 ng/ml



#22 AR-1248-2

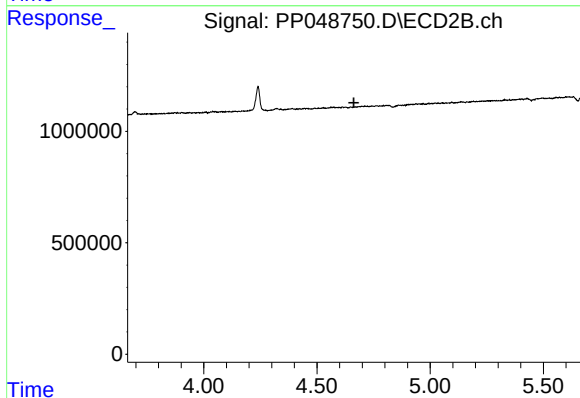
R.T.: 0.000 min
Exp R.T. : 4.620 min
Response: 0
Conc: N.D.



#23 AR-1248-3

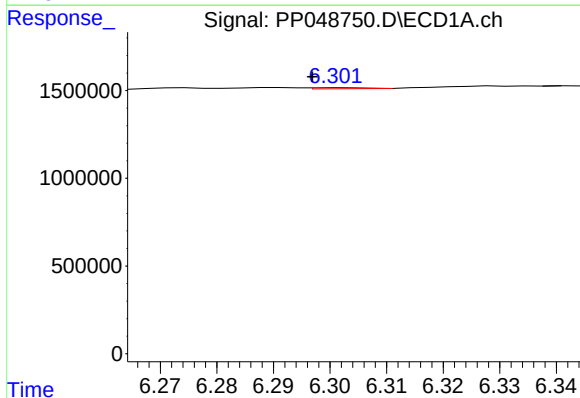
R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 174555
Conc: 2.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



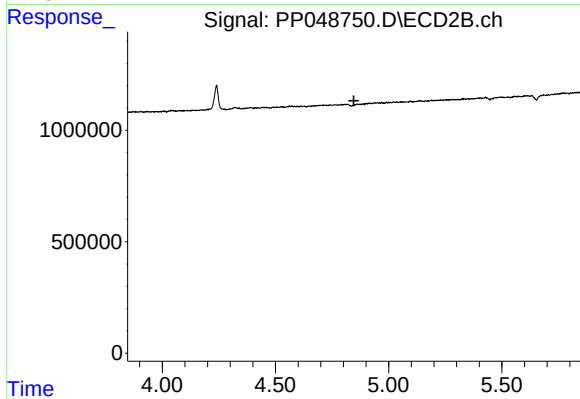
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.



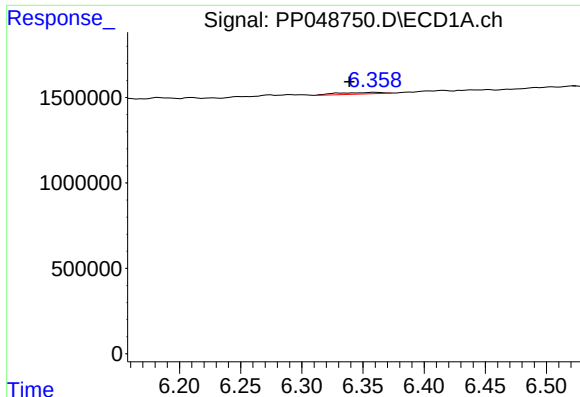
#24 AR-1248-4

R.T.: 6.302 min
Delta R.T.: 0.005 min
Response: 38579
Conc: 0.42 ng/ml



#24 AR-1248-4

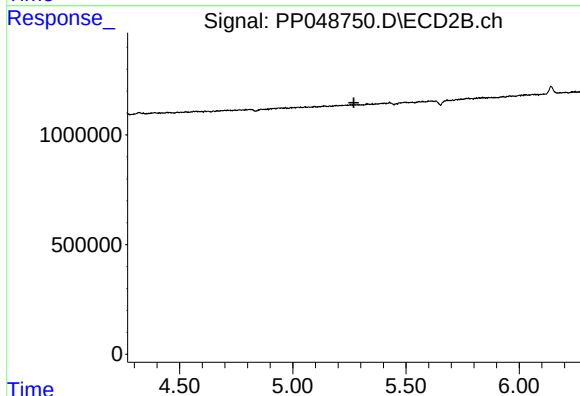
R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



#25 AR-1248-5

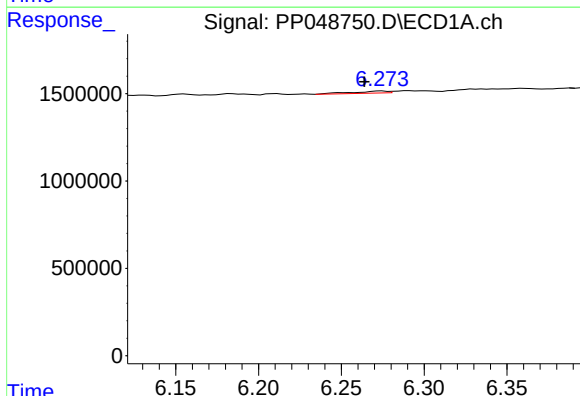
R.T.: 6.360 min
Delta R.T.: 0.021 min
Response: 249210
Conc: 2.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



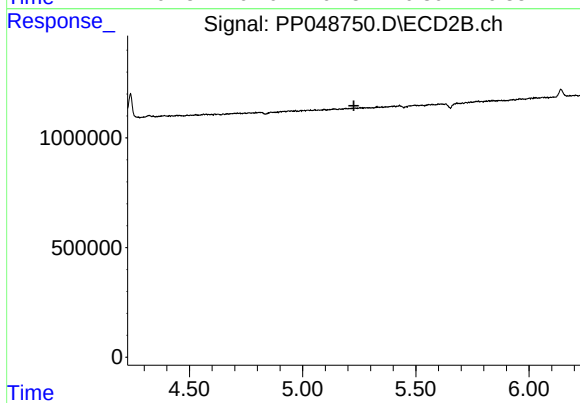
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.270 min
Response: 0
Conc: N.D.



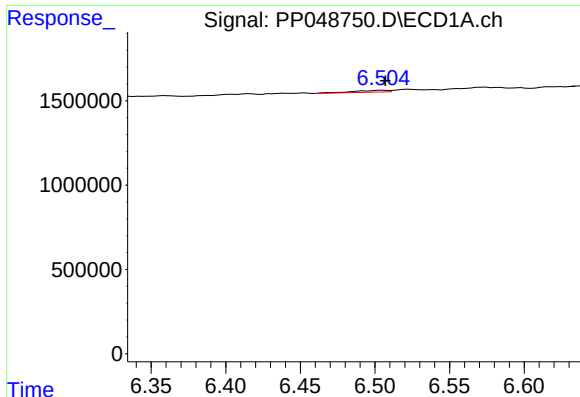
#26 AR-1254-1

R.T.: 6.274 min
Delta R.T.: 0.010 min
Response: 165219
Conc: 1.78 ng/ml



#26 AR-1254-1

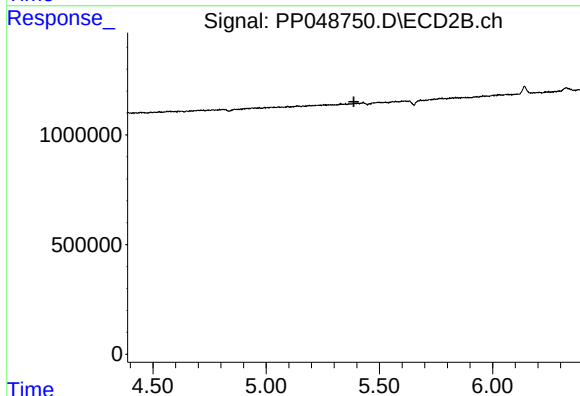
R.T.: 0.000 min
Exp R.T. : 5.226 min
Response: 0
Conc: N.D.



#27 AR-1254-2

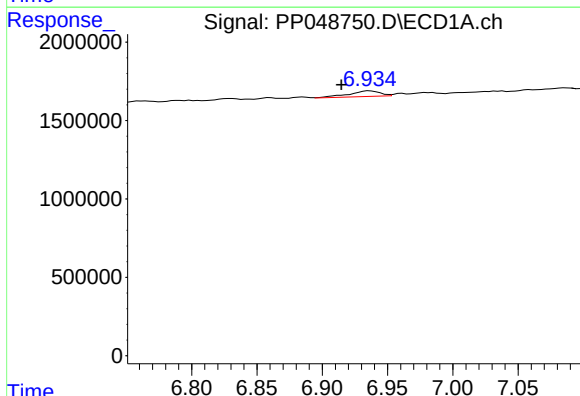
R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 170183
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



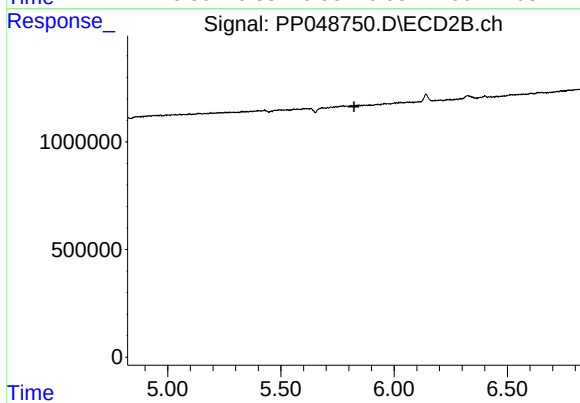
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



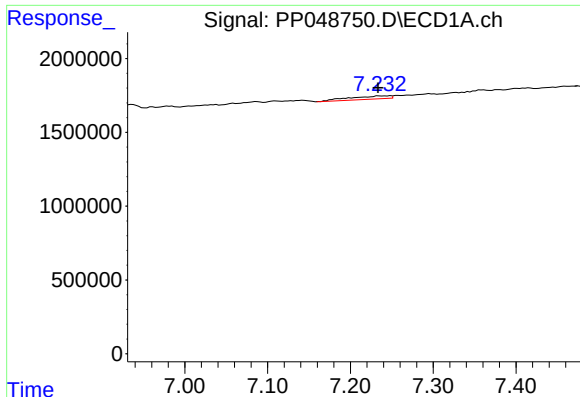
#28 AR-1254-3

R.T.: 6.936 min
Delta R.T.: 0.022 min
Response: 607798
Conc: 4.27 ng/ml



#28 AR-1254-3

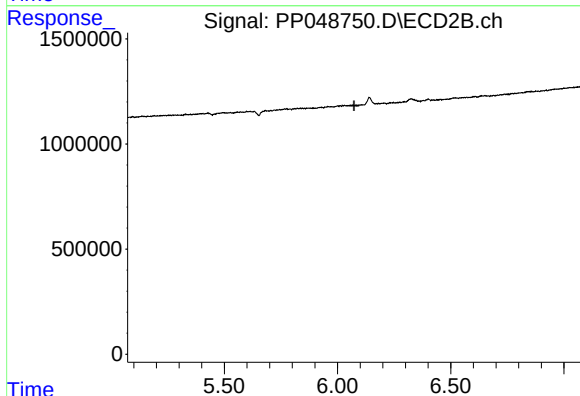
R.T.: 0.000 min
Exp R.T. : 5.823 min
Response: 0
Conc: N.D.



#29 AR-1254-4

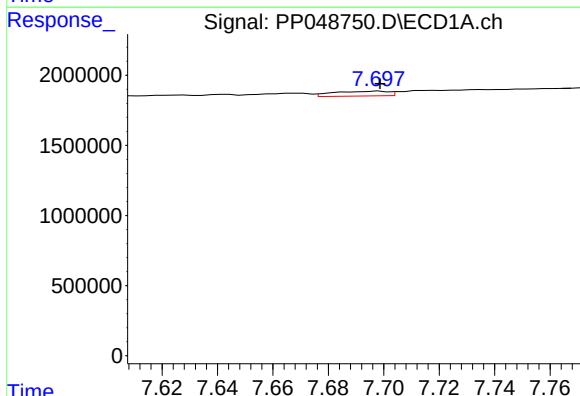
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 702733
Conc: 6.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



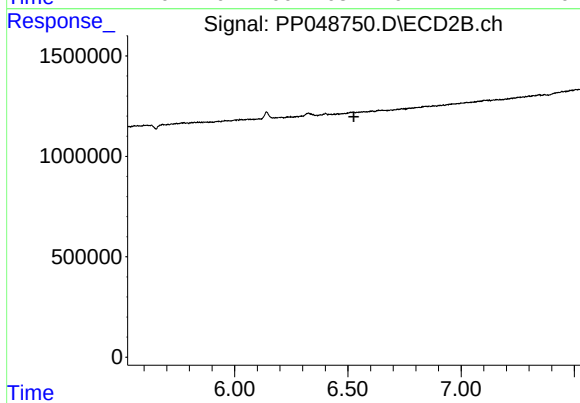
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.073 min
Response: 0
Conc: N.D.



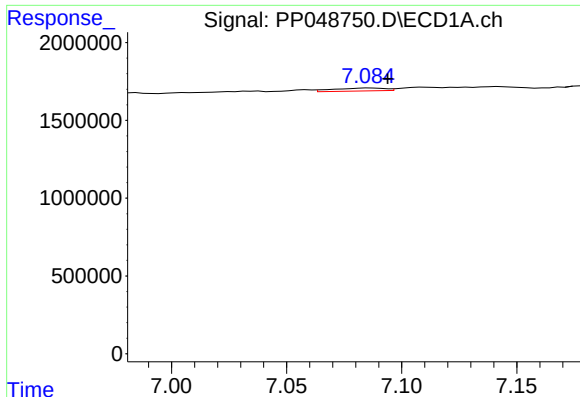
#30 AR-1254-5

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 469995
Conc: 3.96 ng/ml



#30 AR-1254-5

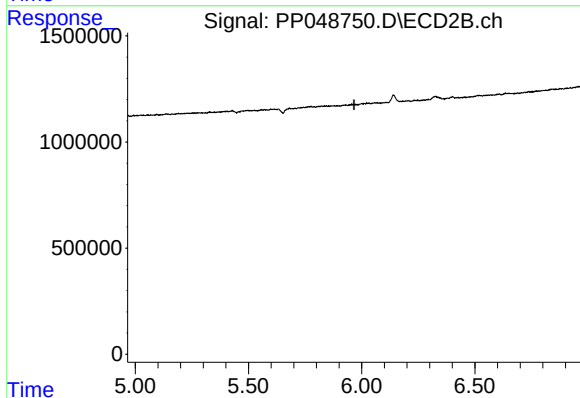
R.T.: 0.000 min
Exp R.T. : 6.527 min
Response: 0
Conc: N.D.



#31 AR-1260-1

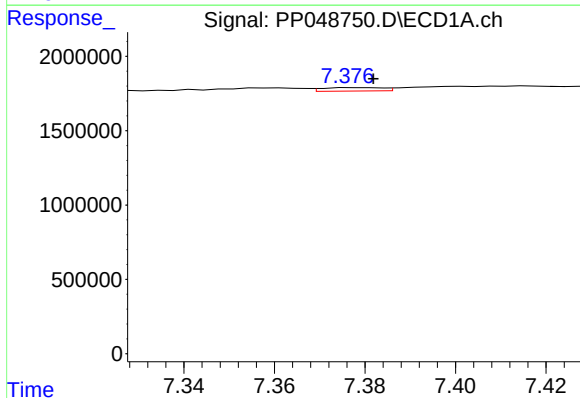
R.T.: 7.087 min
Delta R.T.: -0.007 min
Response: 296013
Conc: 2.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



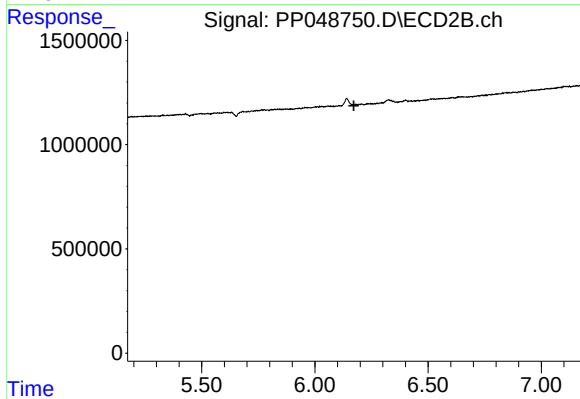
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.966 min
Response: 0
Conc: N.D.



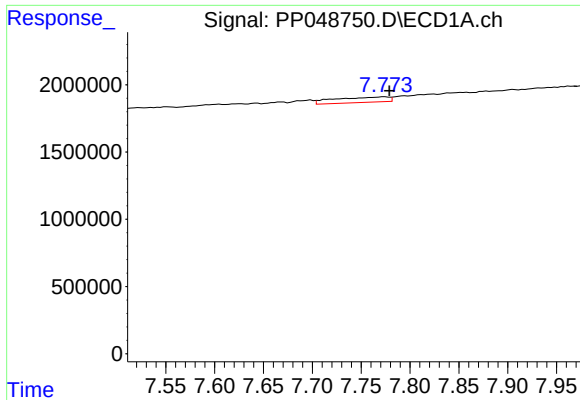
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.005 min
Response: 210363
Conc: 1.73 ng/ml



#32 AR-1260-2

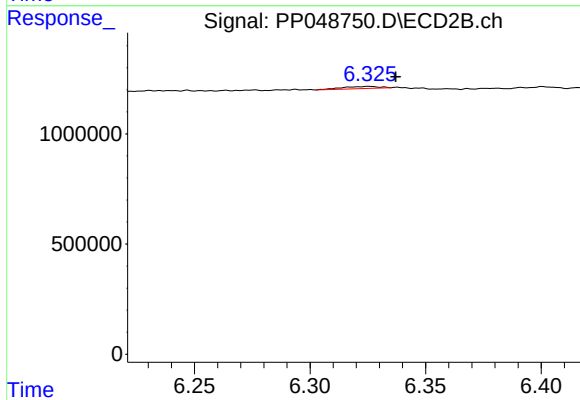
R.T.: 0.000 min
Exp R.T. : 6.172 min
Response: 0
Conc: N.D.



#33 AR-1260-3

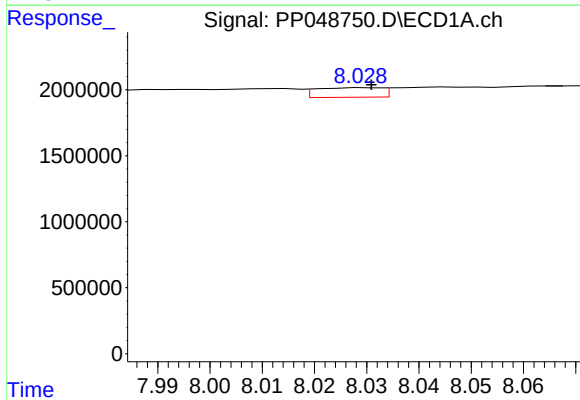
R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 1535607
Conc: 18.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



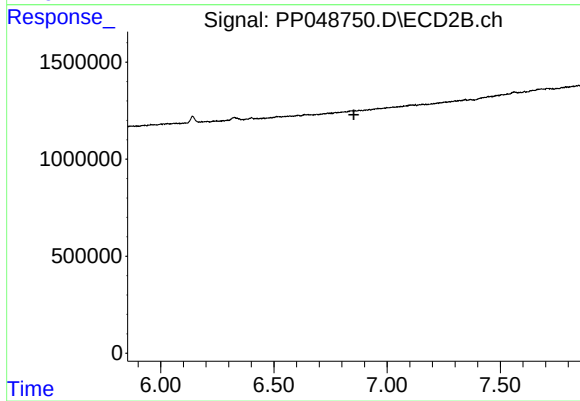
#33 AR-1260-3

R.T.: 6.325 min
Delta R.T.: -0.012 min
Response: 108886
Conc: 1.12 ng/ml



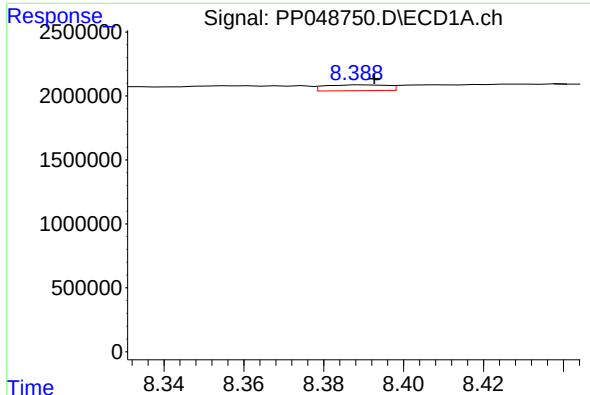
#34 AR-1260-4

R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 627870
Conc: 6.07 ng/ml



#34 AR-1260-4

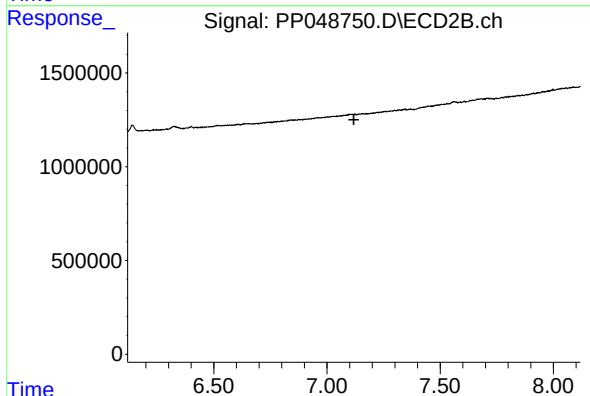
R.T.: 0.000 min
Exp R.T. : 6.853 min
Response: 0
Conc: N.D.



#35 AR-1260-5

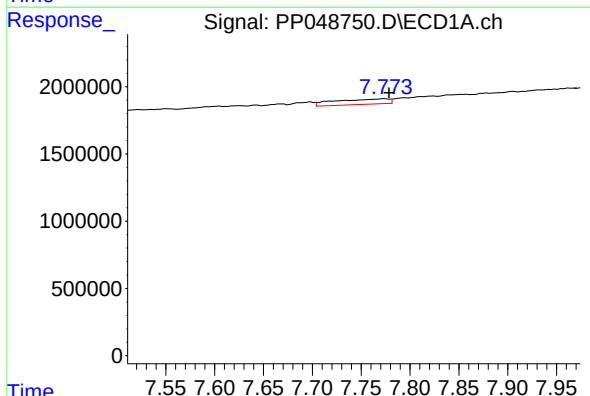
R.T.: 8.390 min
Delta R.T.: -0.003 min
Response: 485468
Conc: 2.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



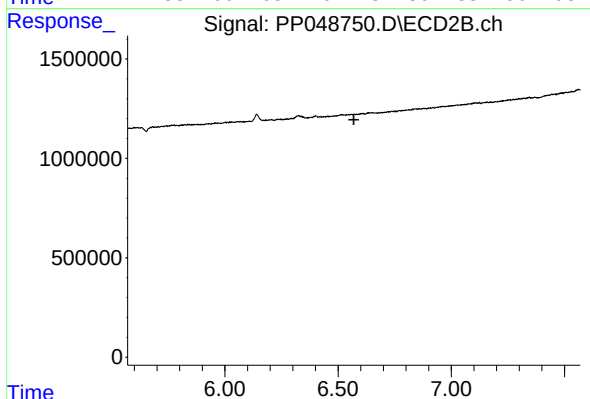
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.119 min
Response: 0
Conc: N.D.



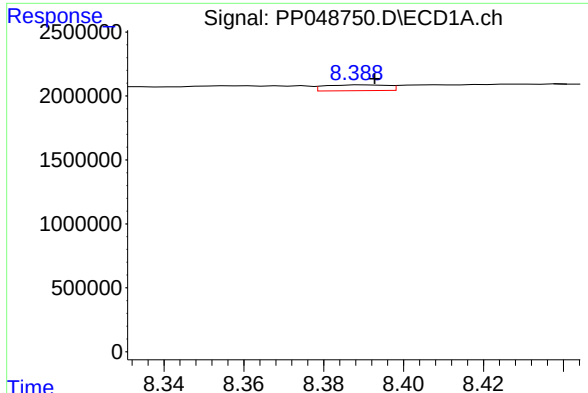
#36 AR-1262-1

R.T.: 7.774 min
Delta R.T.: -0.004 min
Response: 1535607
Conc: 11.41 ng/ml



#36 AR-1262-1

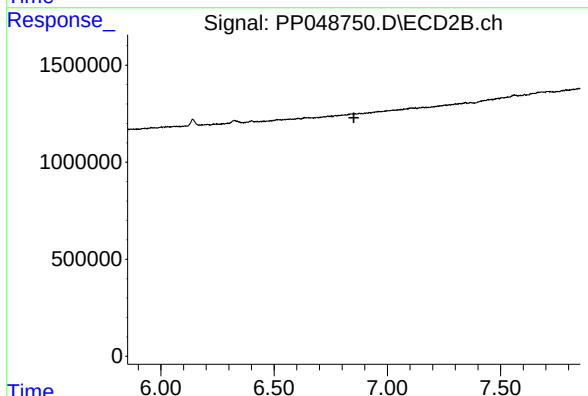
R.T.: 0.000 min
Exp R.T. : 6.570 min
Response: 0
Conc: N.D.



#37 AR-1262-2

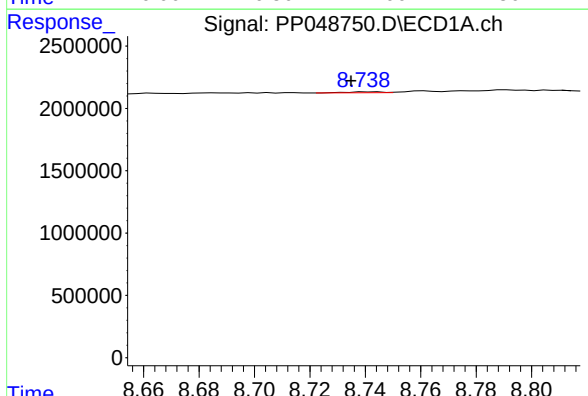
R.T.: 8.390 min
Delta R.T.: -0.003 min
Response: 485468
Conc: 2.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



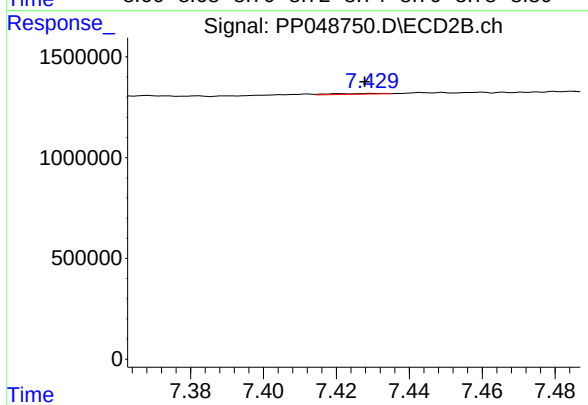
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.852 min
Response: 0
Conc: N.D.



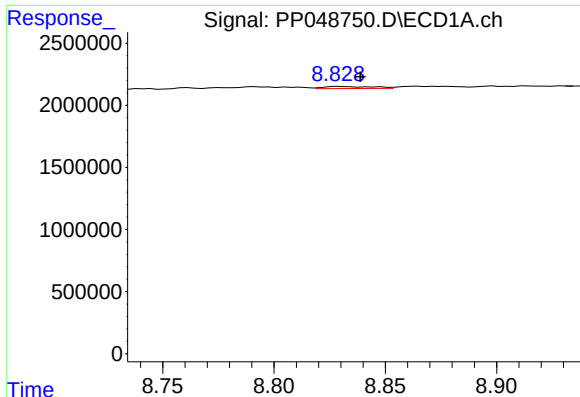
#38 AR-1262-3

R.T.: 8.740 min
Delta R.T.: 0.006 min
Response: 72095
Conc: 0.74 ng/ml



#38 AR-1262-3

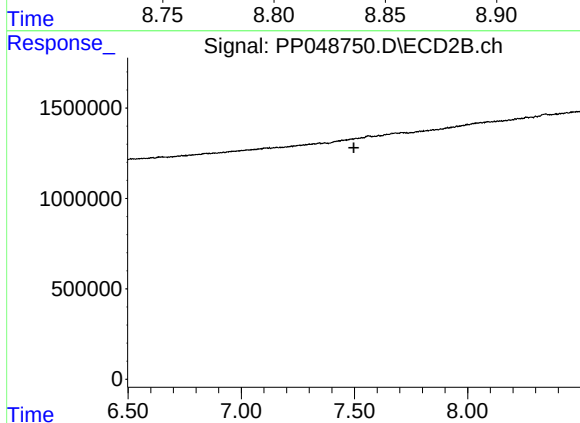
R.T.: 7.430 min
Delta R.T.: 0.002 min
Response: 34449
Conc: 0.46 ng/ml



#39 AR-1262-4

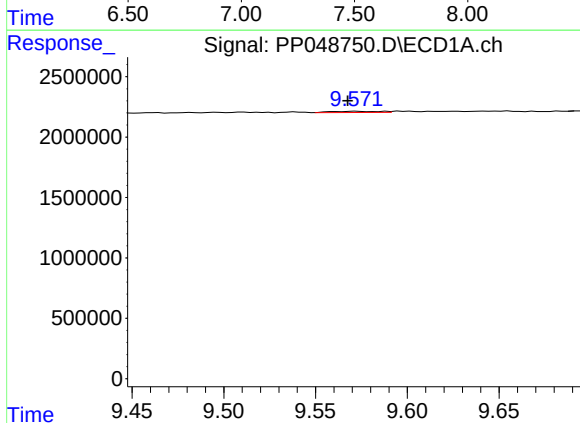
R.T.: 8.829 min
Delta R.T.: -0.009 min
Response: 258151
Conc: 4.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



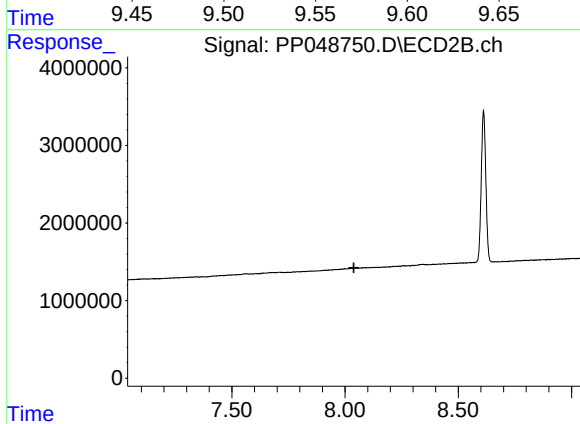
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.497 min
Response: 0
Conc: N.D.



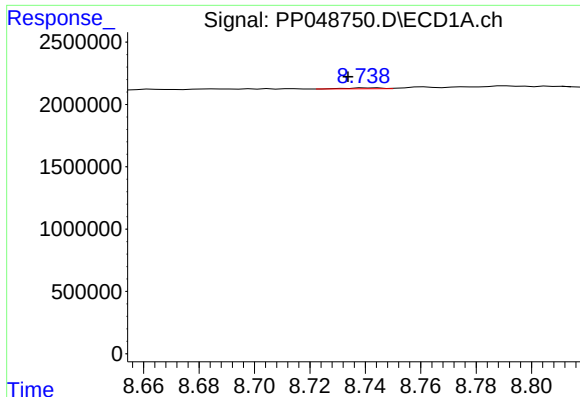
#40 AR-1262-5

R.T.: 9.572 min
Delta R.T.: 0.005 min
Response: 172406
Conc: 2.07 ng/ml



#40 AR-1262-5

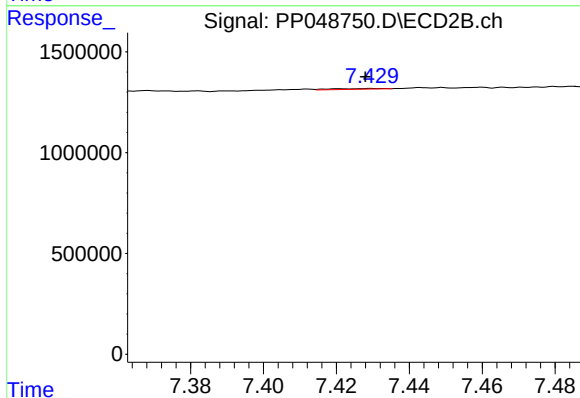
R.T.: 0.000 min
Exp R.T. : 8.039 min
Response: 0
Conc: N.D.



#41 AR-1268-1

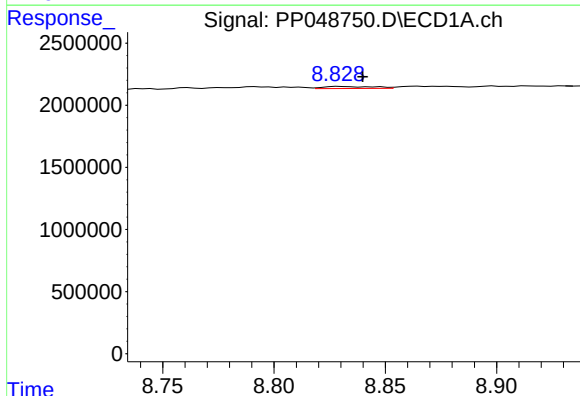
R.T.: 8.740 min
Delta R.T.: 0.007 min
Response: 72095
Conc: 0.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



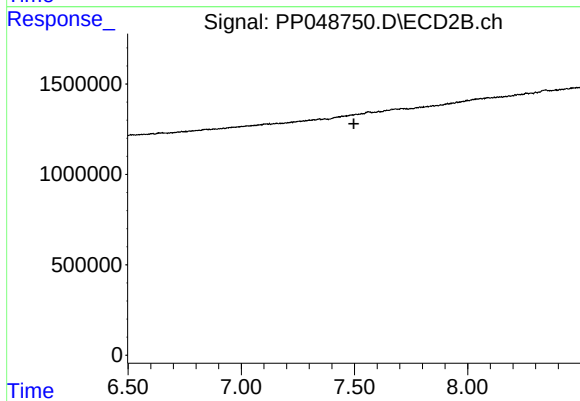
#41 AR-1268-1

R.T.: 7.430 min
Delta R.T.: 0.002 min
Response: 34449
Conc: 0.16 ng/ml



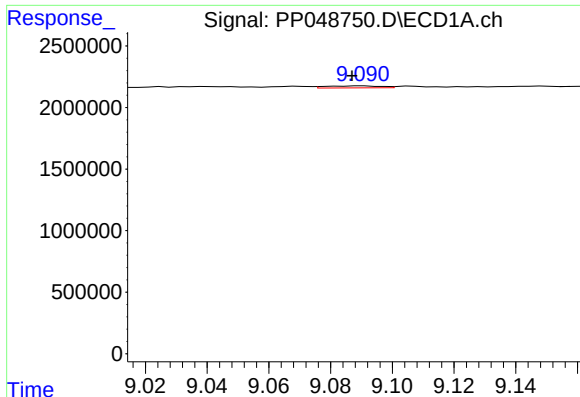
#42 AR-1268-2

R.T.: 8.829 min
Delta R.T.: -0.011 min
Response: 258151
Conc: 1.00 ng/ml



#42 AR-1268-2

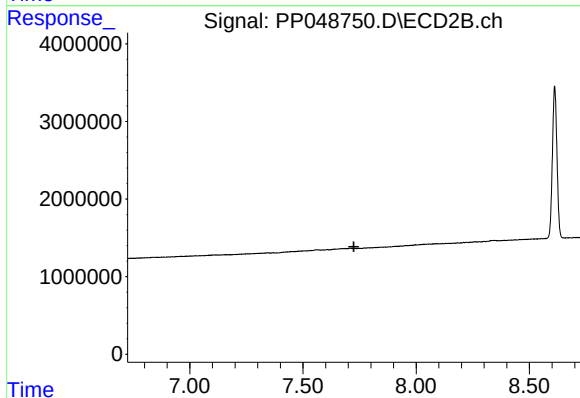
R.T.: 0.000 min
Exp R.T.: 7.498 min
Response: 0
Conc: N.D.



#43 AR-1268-3

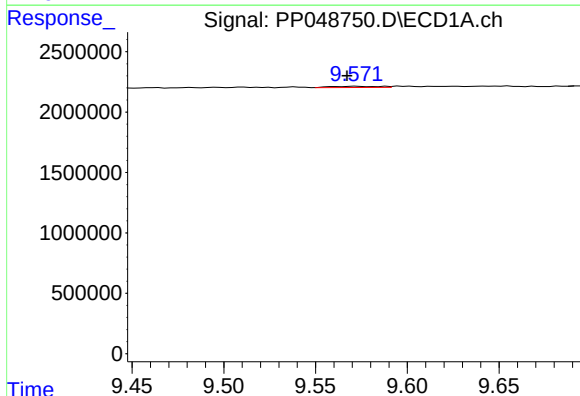
R.T.: 9.091 min
Delta R.T.: 0.004 min
Response: 207635
Conc: 0.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



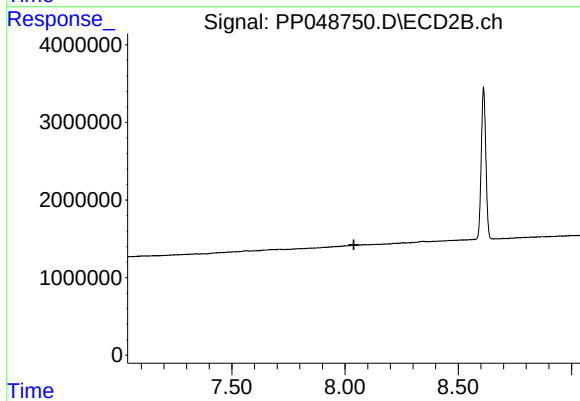
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.725 min
Response: 0
Conc: N.D.



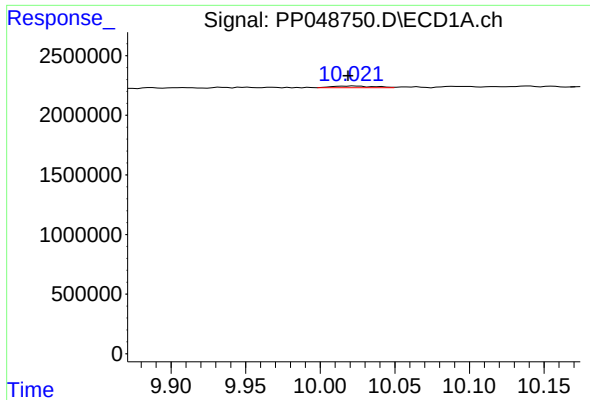
#44 AR-1268-4

R.T.: 9.572 min
Delta R.T.: 0.005 min
Response: 172406
Conc: 1.81 ng/ml



#44 AR-1268-4

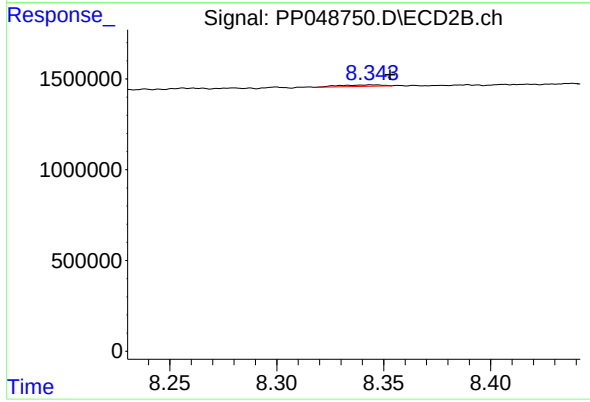
R.T.: 0.000 min
Exp R.T. : 8.039 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.023 min
Delta R.T.: 0.004 min
Response: 284902
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: -0.009 min
Response: 113806
Conc: 0.24 ng/ml