

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 11:34
 Operator : YP\AJ
 Sample : 04699-03
 Misc : AR1254 MDL 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 01:37:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 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...	4.531	3.683	41650158	29032968	18.598	19.505
2)	SA Decachlor...	10.460	8.746	36371168	31477190	20.601	19.297
Target Compounds							
3)	L1 AR-1016-1	0.000	4.782	0	31787	N.D.	0.547 #
4)	L1 AR-1016-2	0.000	4.797	0	43828	N.D.	0.544 #
5)	L1 AR-1016-3	0.000	4.978	0	8501	N.D.	0.190 #
6)	L1 AR-1016-4	0.000	5.019	0	932919	N.D.	25.926 #
7)	L1 AR-1016-5	6.204	5.234	679234	509078	12.211	10.477
8)	L2 AR-1221-1	0.000	3.910	0	21904	N.D.	1.049 #
9)	L2 AR-1221-2	4.843	3.986	748551	502631	35.036	33.709
12)	L3 AR-1232-2	0.000	4.797	0	43828	N.D.	1.202 #
13)	L3 AR-1232-3	0.000	4.978	0	8501	N.D.	0.425 #
14)	L3 AR-1232-4	0.000	5.060	0	262019	N.D.	14.039 #
15)	L3 AR-1232-5	5.996f	5.234	1017133	509078	49.086	24.476 #
16)	L4 AR-1242-1	0.000	4.782	0	31787	N.D.	0.628 #
17)	L4 AR-1242-2	0.000	4.797	0	43828	N.D.	0.631 #
18)	L4 AR-1242-3	0.000	4.978	0	8501	N.D.	0.221 #
19)	L4 AR-1242-4	0.000	5.060	0	262019	N.D.	6.653 #
20)	L4 AR-1242-5	6.655	5.589	789488	2221113	15.697	45.406 #
21)	L5 AR-1248-1	0.000	4.782	0	31787	N.D.	0.871 #
22)	L5 AR-1248-2	5.996	5.019	1017133	932919	14.670	17.847
23)	L5 AR-1248-3	6.204	5.060	679234	262019	8.943	4.719 #
24)	L5 AR-1248-4	6.612	5.234	1029625	509078	12.449	7.734 #
25)	L5 AR-1248-5	6.655	5.630	789488	252576	9.809	3.927 #
26)	L6 AR-1254-1	6.586	5.589	2221730	2221113	26.034	22.454
27)	L6 AR-1254-2	6.807	5.738	3501619	1981055	27.436	23.051
28)	L6 AR-1254-3	7.177	6.144	3983505	3104620	29.970	21.661 #
29)	L6 AR-1254-4	7.465	6.373	2871339	1741977	29.198	19.985 #
30)	L6 AR-1254-5	7.888	6.795	2959209	2299735	27.313	18.148 #
31)	L7 AR-1260-1	7.344	6.275	1693524	1553341	16.156	15.475
32)	L7 AR-1260-2	7.602	6.464	1587218	1384371	13.128	11.604
33)	L7 AR-1260-3	7.952	6.619	418784	1288776	4.518	11.256 #
34)	L7 AR-1260-4	8.183	7.094	992306	182012	9.357	1.912 #
35)	L7 AR-1260-5	0.000	7.336	0	399416	N.D.	1.843 #
36)	L8 AR-1262-1	7.952	6.889	418784	39401	3.357	0.736 #
37)	L8 AR-1262-2	0.000	7.094	0	182012	N.D.	1.543 #
38)	L8 AR-1262-3	8.875f	7.633	293813	56306	1.941	0.611 #
39)	L8 AR-1262-4	0.000	7.687	0	154800	N.D.	0.919 #
40)	L8 AR-1262-5	0.000	8.191	0	3001	N.D.	0.039 #
41)	L9 AR-1268-1	8.875f	7.633	293813	56306	1.107	0.207 #
42)	L9 AR-1268-2	0.000	7.687	0	154800	N.D.	0.635 #
43)	L9 AR-1268-3	0.000	7.893	0	399167	N.D.	1.866 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.191	0	3001	N.D.	0.034 #
45) L9	AR-1268-5	0.000	8.486	0	243751	N.D.	0.390 #

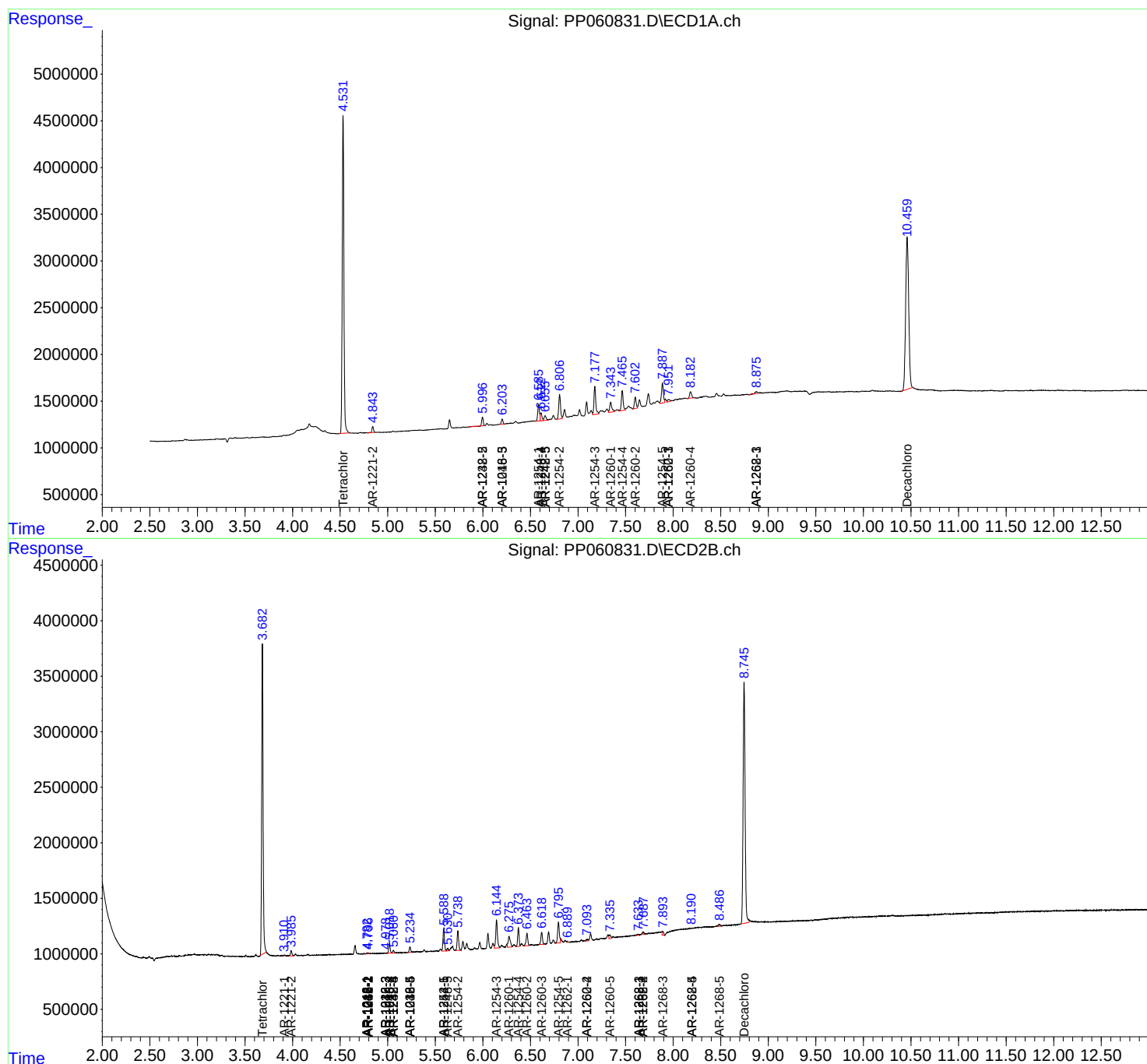
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

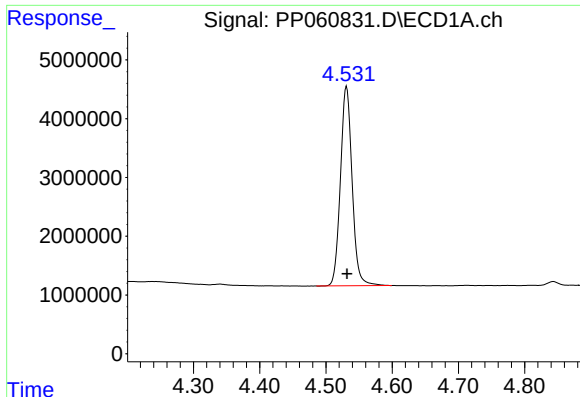
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
Data File : PP060831.D
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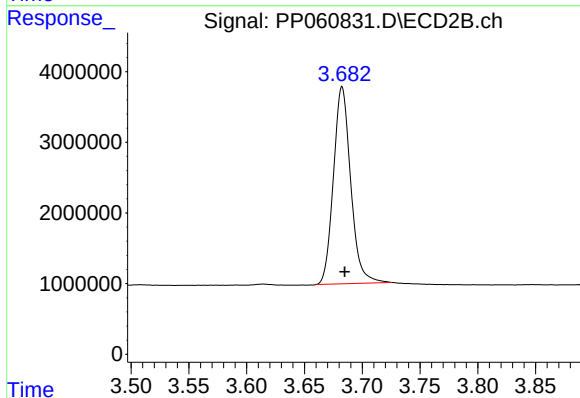




#1 Tetrachloro-m-xylene

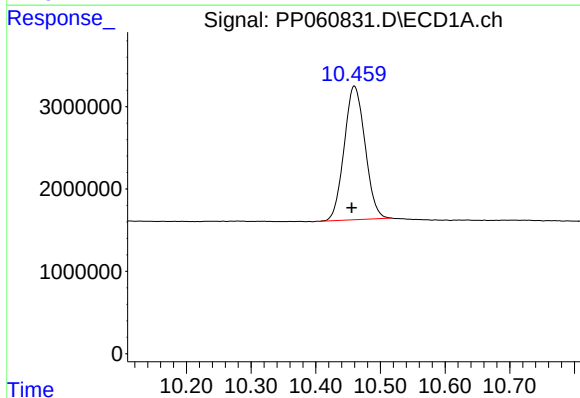
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 41650158
Conc: 18.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



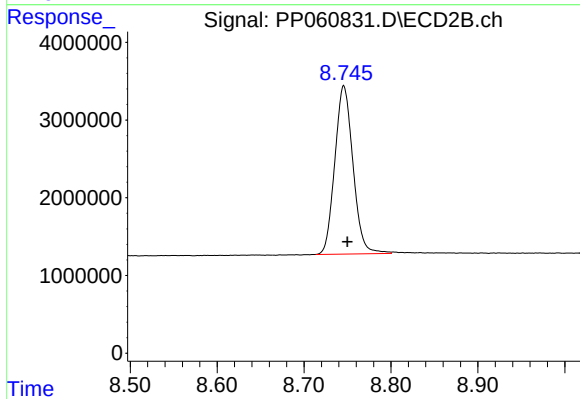
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 29032968
Conc: 19.50 ng/ml



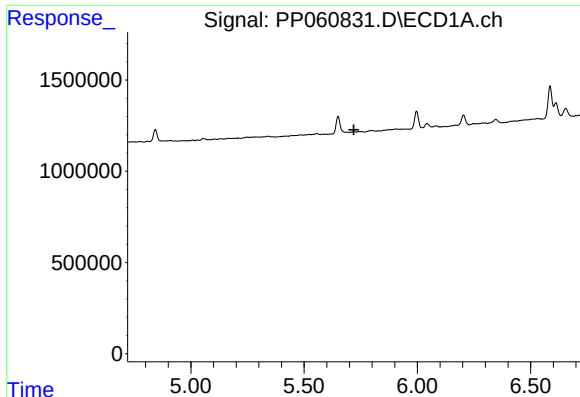
#2 Decachlorobiphenyl

R.T.: 10.460 min
Delta R.T.: 0.004 min
Response: 36371168
Conc: 20.60 ng/ml



#2 Decachlorobiphenyl

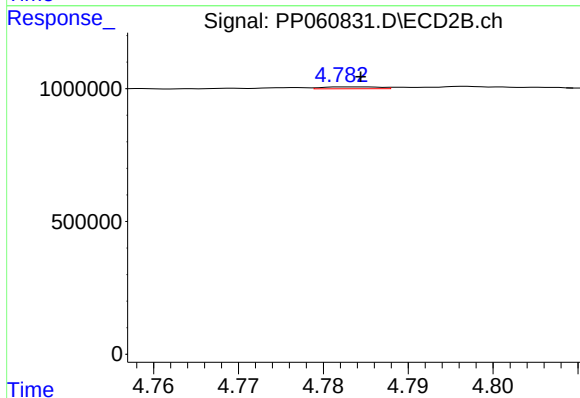
R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 31477190
Conc: 19.30 ng/ml



#3 AR-1016-1

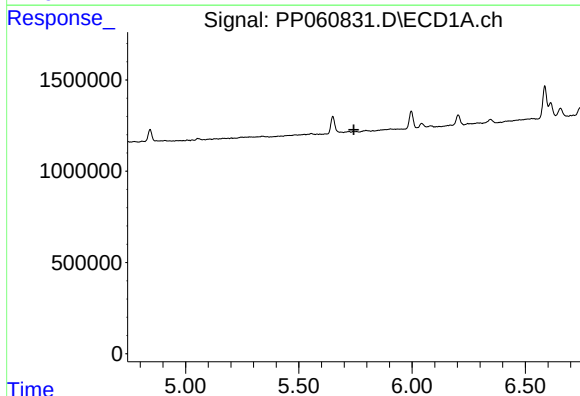
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



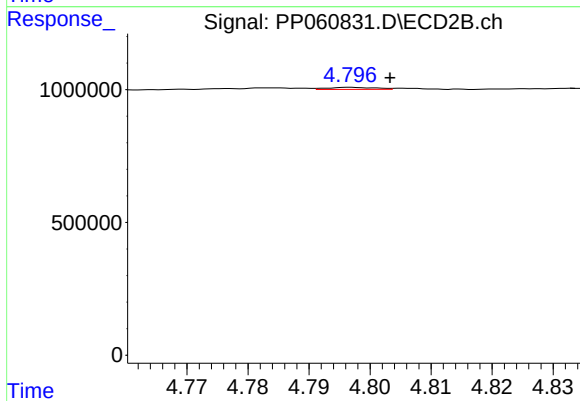
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 31787
Conc: 0.55 ng/ml



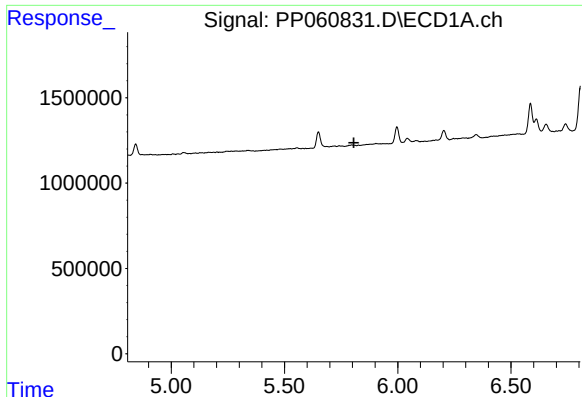
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.



#4 AR-1016-2

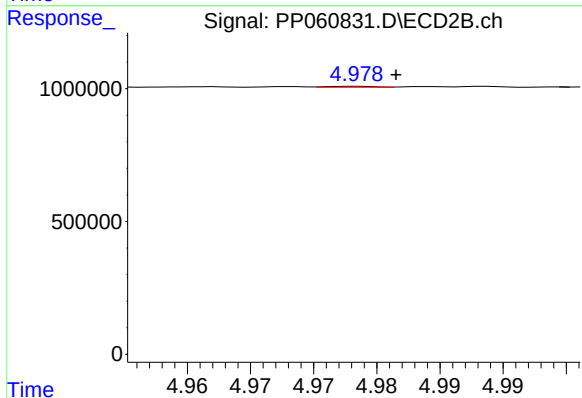
R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 43828
Conc: 0.54 ng/ml



#5 AR-1016-3

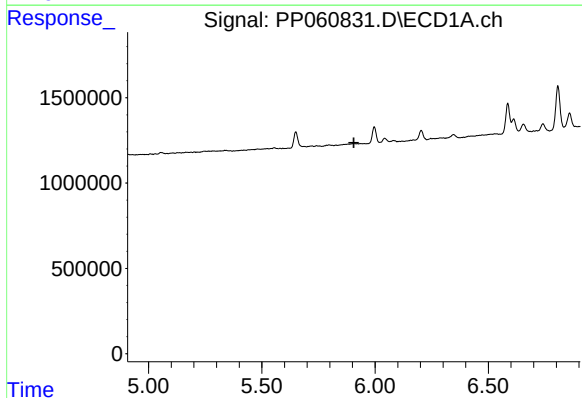
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



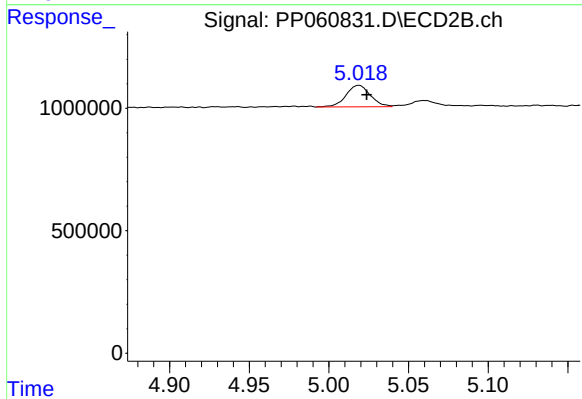
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 8501
Conc: 0.19 ng/ml



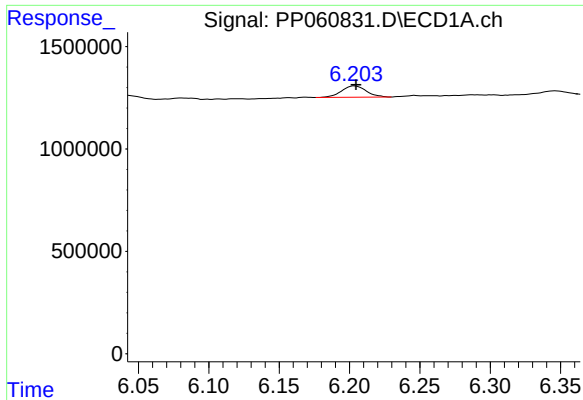
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

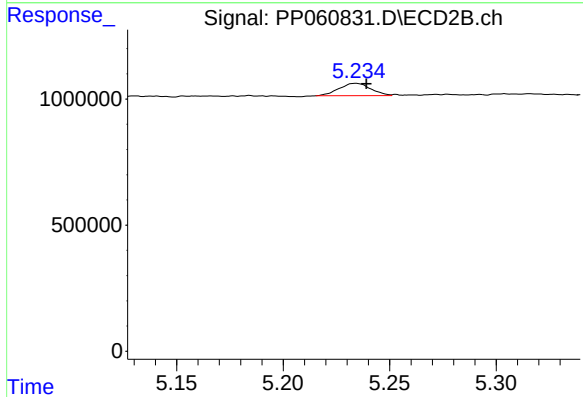
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 932919
Conc: 25.93 ng/ml



#7 AR-1016-5

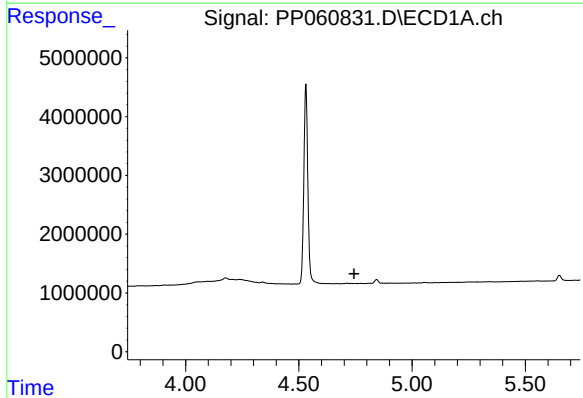
R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 679234
Conc: 12.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



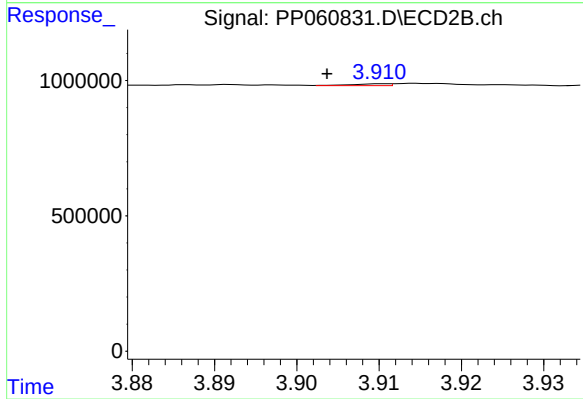
#7 AR-1016-5

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 509078
Conc: 10.48 ng/ml



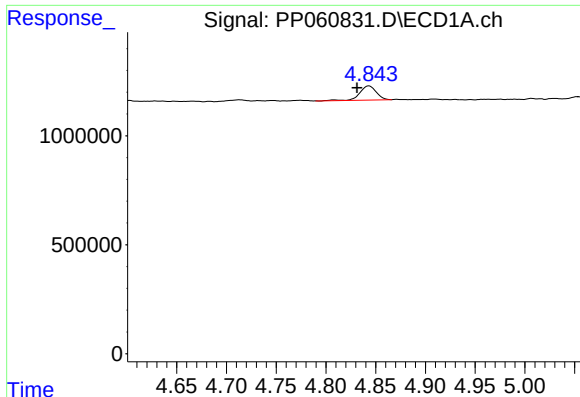
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

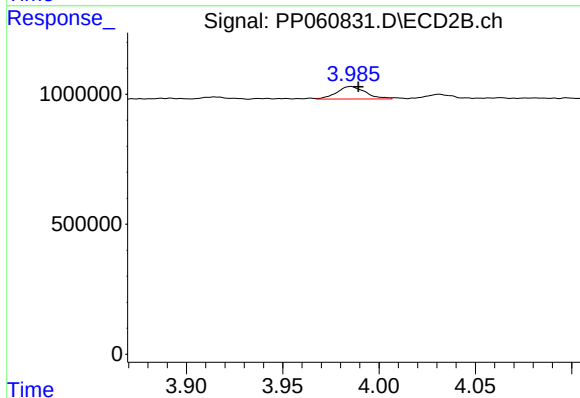
R.T.: 3.910 min
Delta R.T.: 0.007 min
Response: 21904
Conc: 1.05 ng/ml



#9 AR-1221-2

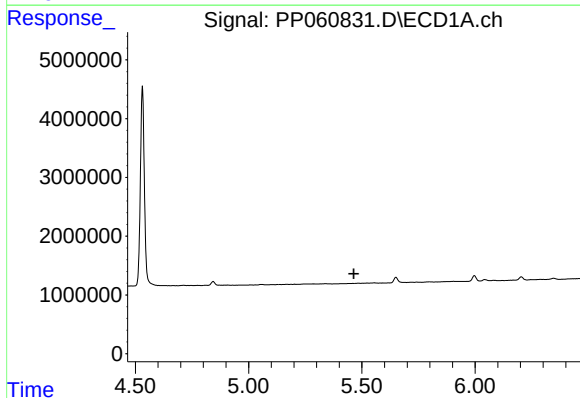
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 748551
Conc: 35.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



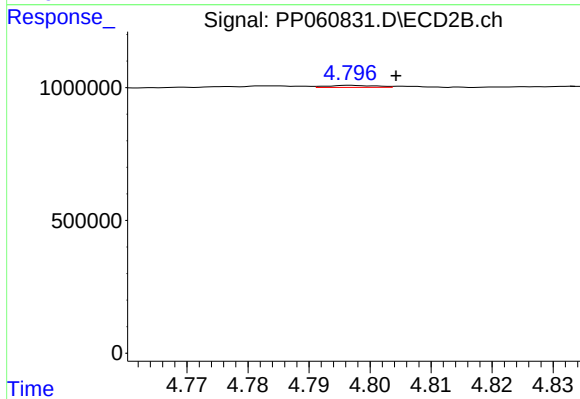
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.004 min
Response: 502631
Conc: 33.71 ng/ml



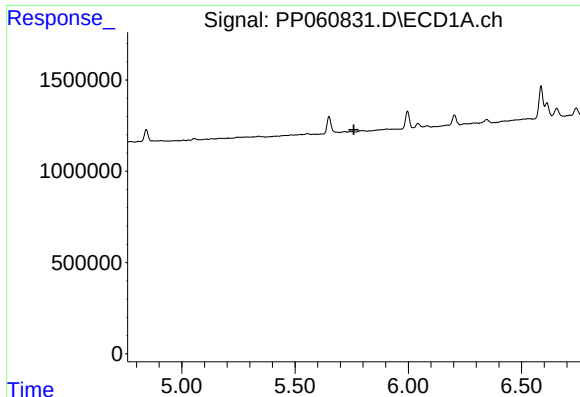
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

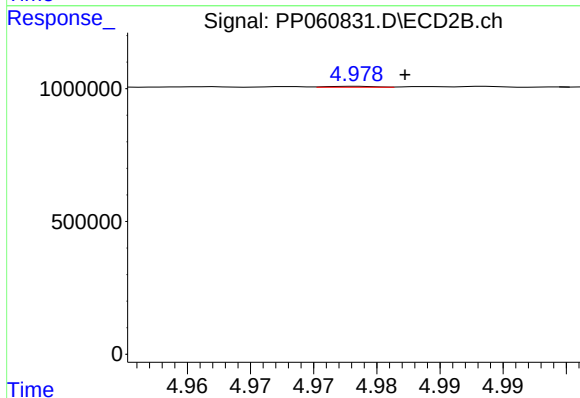
R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 43828
Conc: 1.20 ng/ml



#13 AR-1232-3

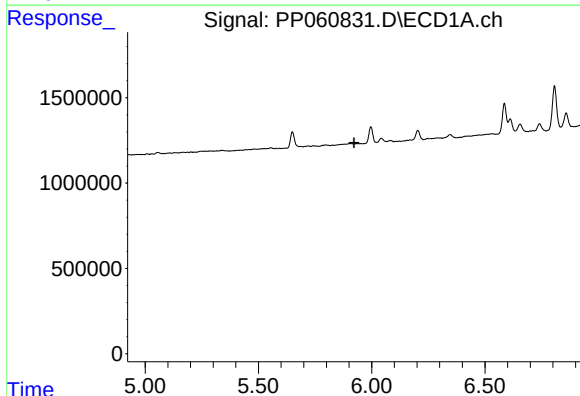
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



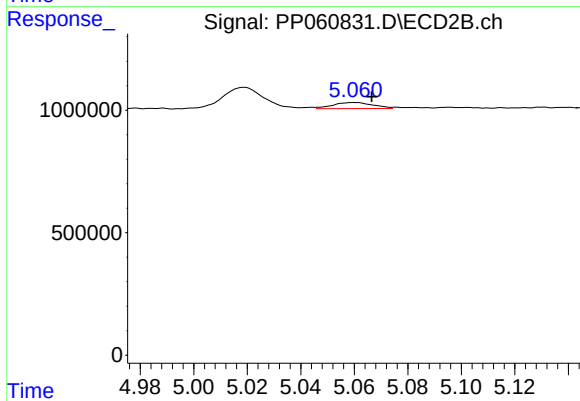
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 8501
Conc: 0.42 ng/ml



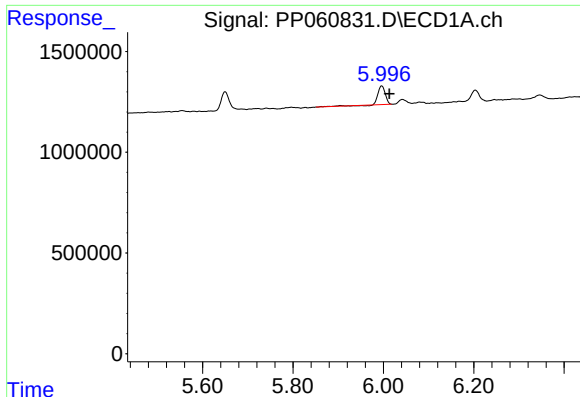
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

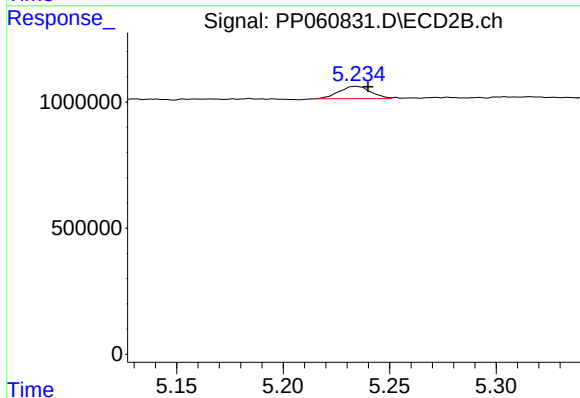
R.T.: 5.060 min
Delta R.T.: -0.006 min
Response: 262019
Conc: 14.04 ng/ml



#15 AR-1232-5

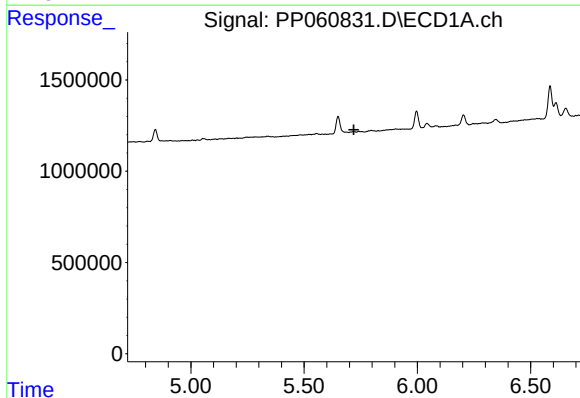
R.T.: 5.996 min
Delta R.T.: -0.017 min
Response: 1017133
Conc: 49.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



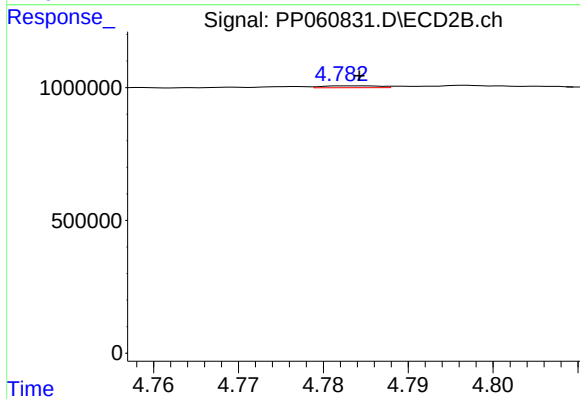
#15 AR-1232-5

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 509078
Conc: 24.48 ng/ml



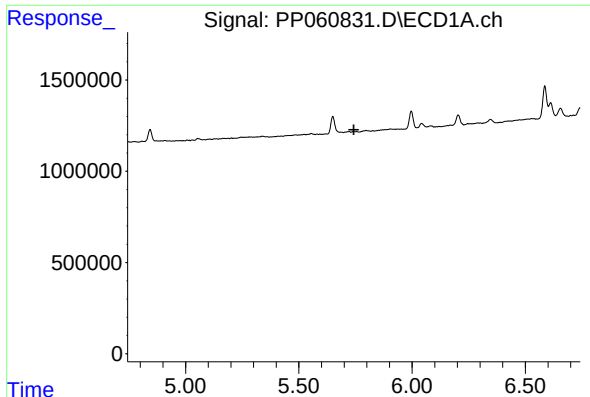
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.719 min
Response: 0
Conc: N.D.



#16 AR-1242-1

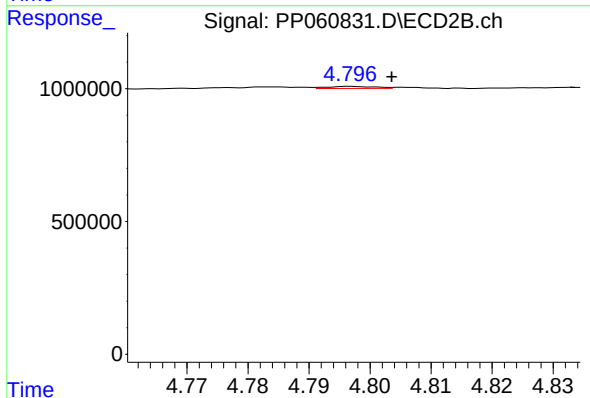
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 31787
Conc: 0.63 ng/ml



#17 AR-1242-2

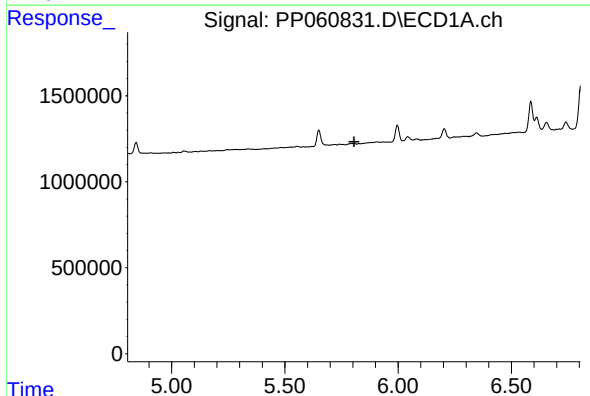
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



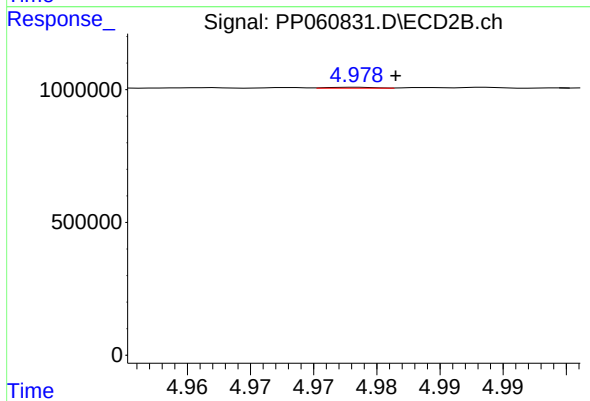
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.007 min
Response: 43828
Conc: 0.63 ng/ml



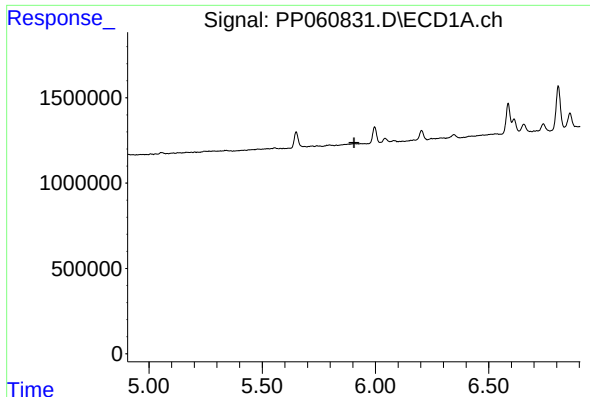
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

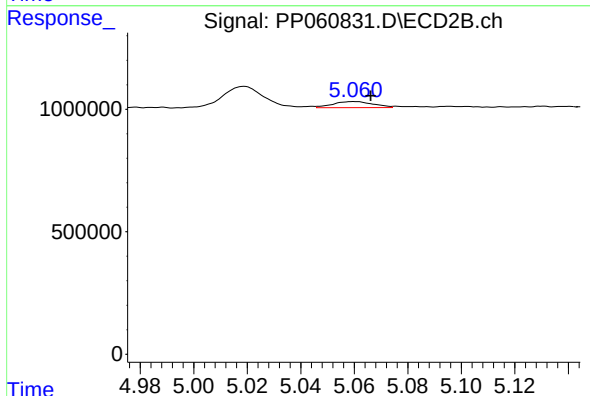
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 8501
Conc: 0.22 ng/ml



#19 AR-1242-4

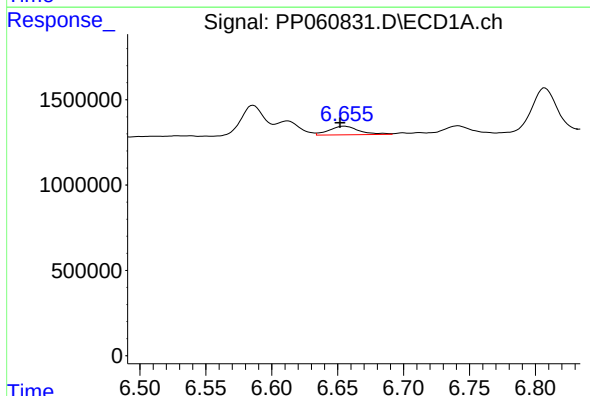
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



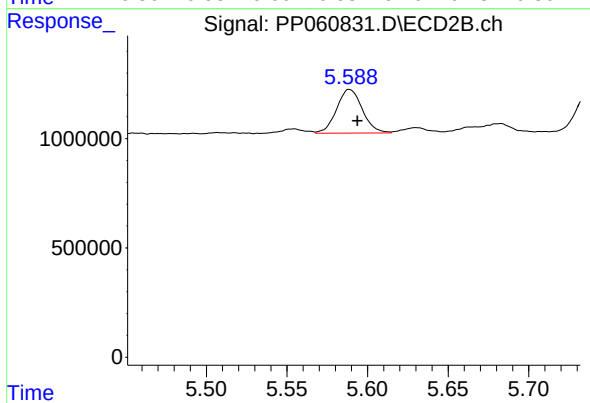
#19 AR-1242-4

R.T.: 5.060 min
Delta R.T.: -0.006 min
Response: 262019
Conc: 6.65 ng/ml



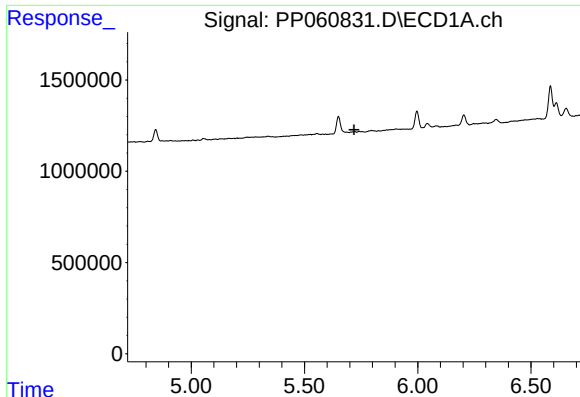
#20 AR-1242-5

R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 789488
Conc: 15.70 ng/ml



#20 AR-1242-5

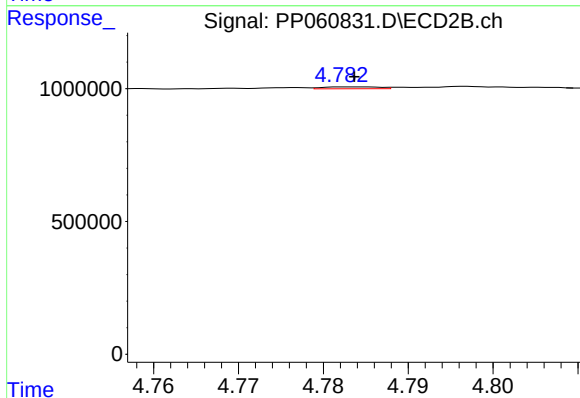
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 2221113
Conc: 45.41 ng/ml



#21 AR-1248-1

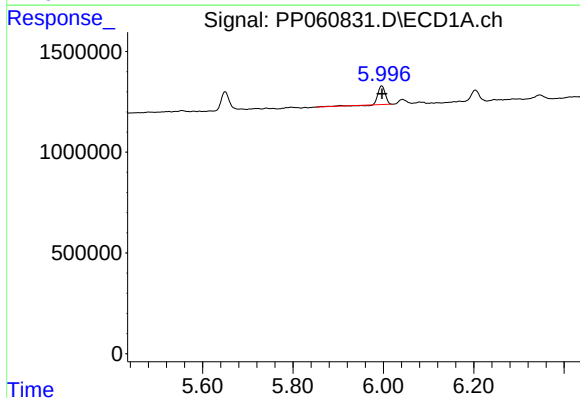
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



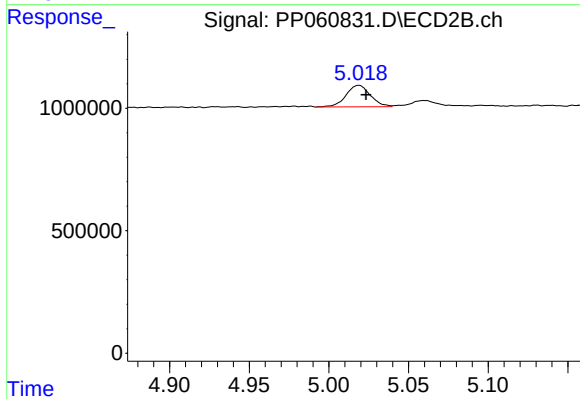
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 31787
Conc: 0.87 ng/ml



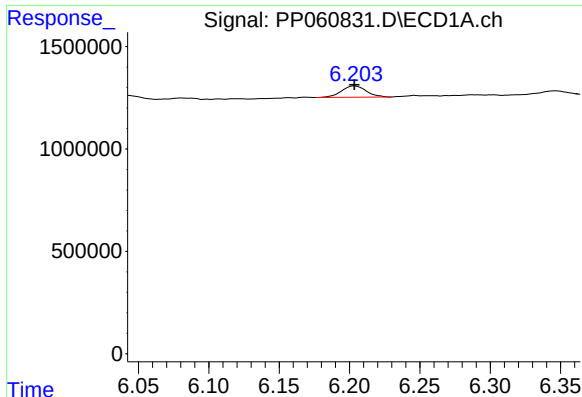
#22 AR-1248-2

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 1017133
Conc: 14.67 ng/ml



#22 AR-1248-2

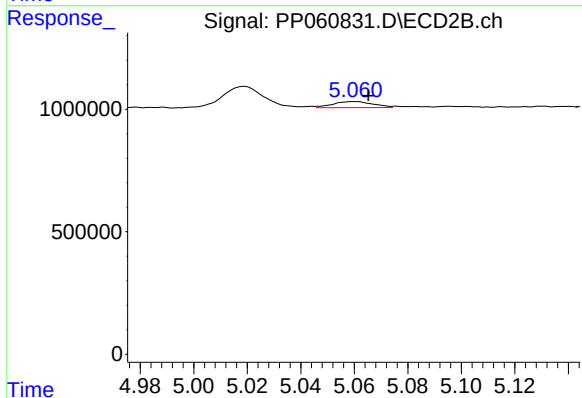
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 932919
Conc: 17.85 ng/ml



#23 AR-1248-3

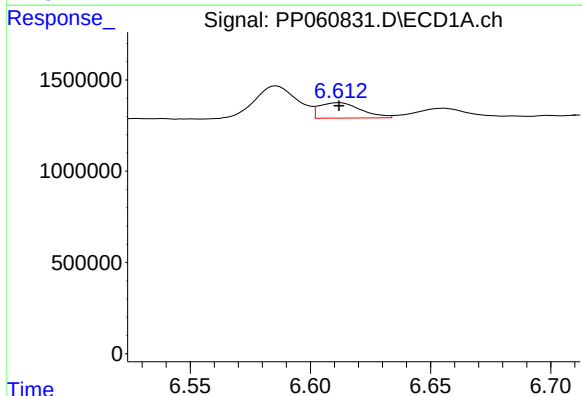
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 679234
Conc: 8.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



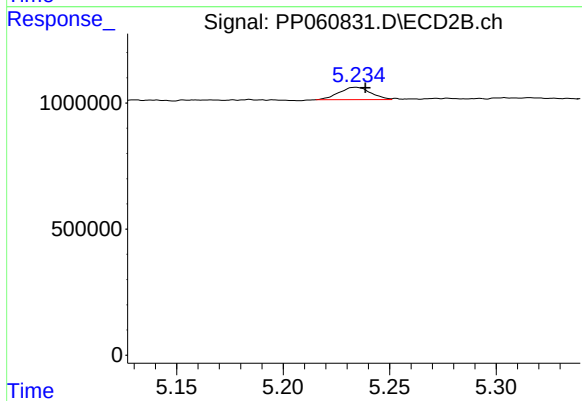
#23 AR-1248-3

R.T.: 5.060 min
Delta R.T.: -0.005 min
Response: 262019
Conc: 4.72 ng/ml



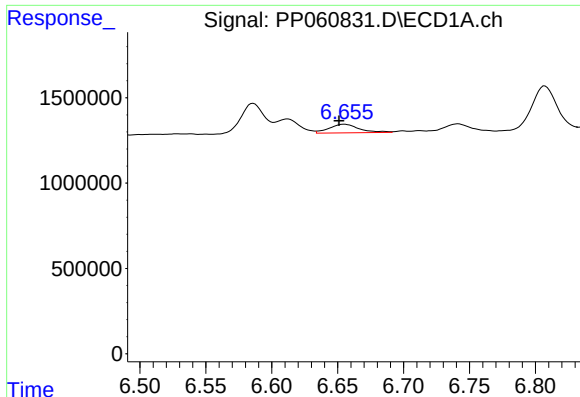
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 1029625
Conc: 12.45 ng/ml



#24 AR-1248-4

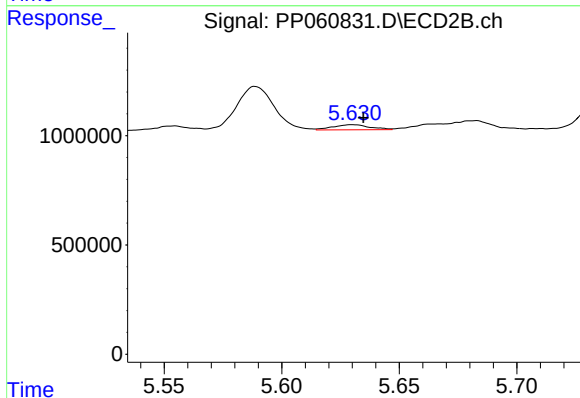
R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 509078
Conc: 7.73 ng/ml



#25 AR-1248-5

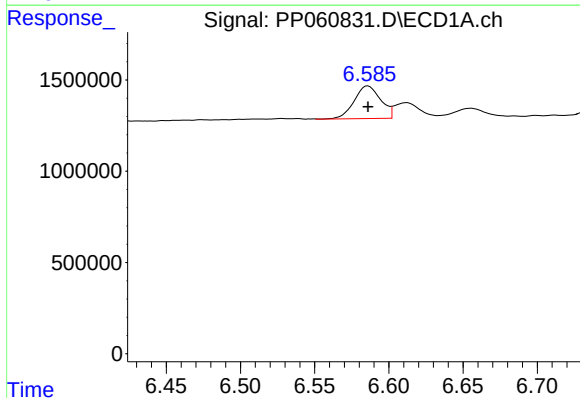
R.T.: 6.655 min
Delta R.T.: 0.004 min
Response: 789488
Conc: 9.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



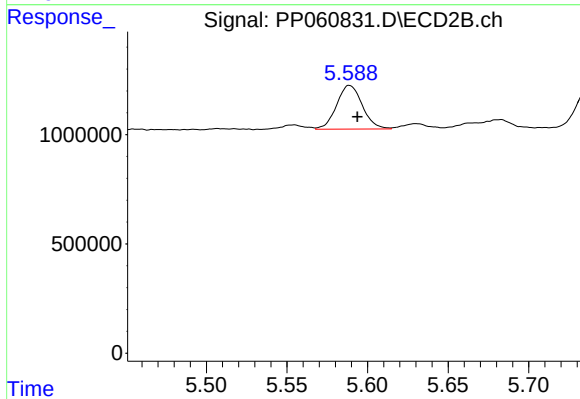
#25 AR-1248-5

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 252576
Conc: 3.93 ng/ml



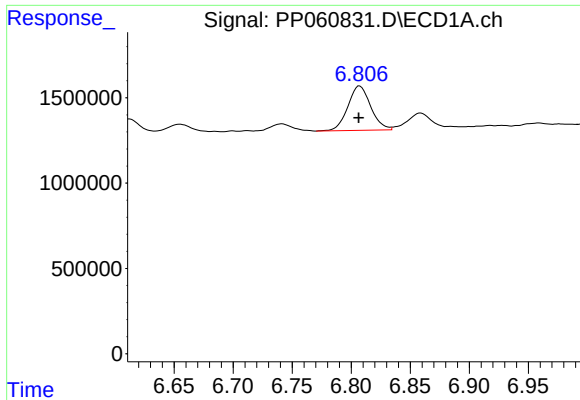
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 2221730
Conc: 26.03 ng/ml



#26 AR-1254-1

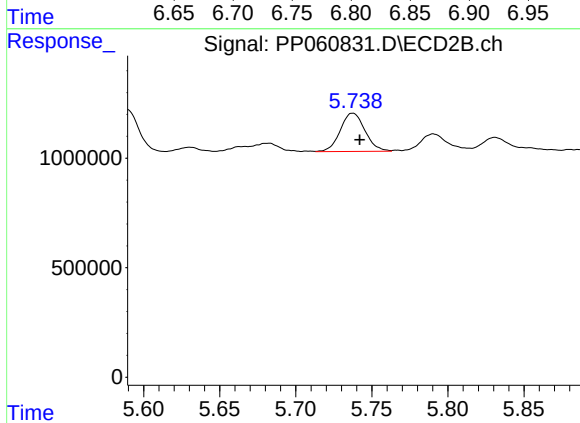
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 2221113
Conc: 22.45 ng/ml



#27 AR-1254-2

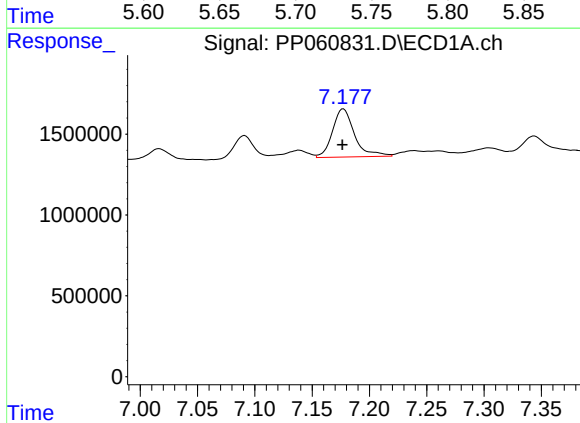
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 3501619
Conc: 27.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



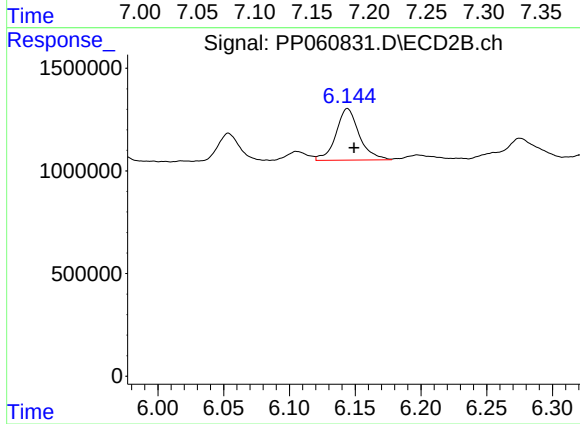
#27 AR-1254-2

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 1981055
Conc: 23.05 ng/ml



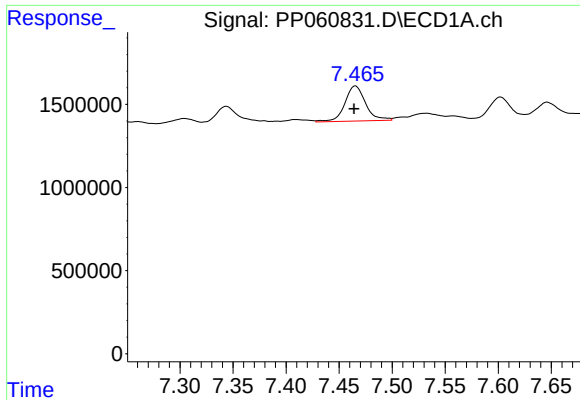
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 3983505
Conc: 29.97 ng/ml



#28 AR-1254-3

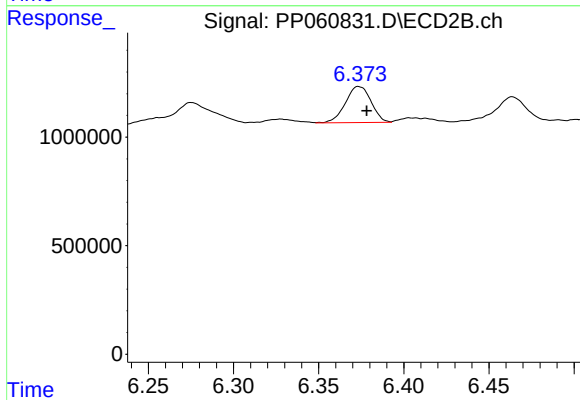
R.T.: 6.144 min
Delta R.T.: -0.005 min
Response: 3104620
Conc: 21.66 ng/ml



#29 AR-1254-4

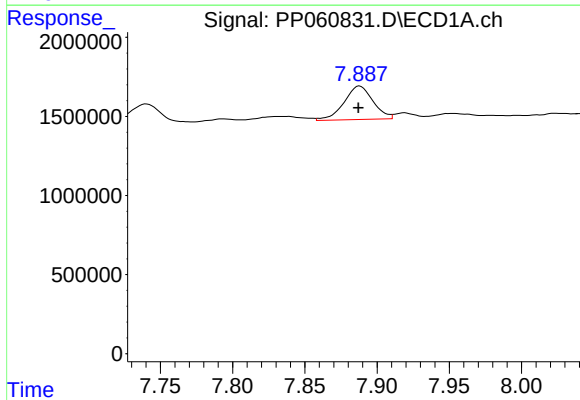
R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 2871339
Conc: 29.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



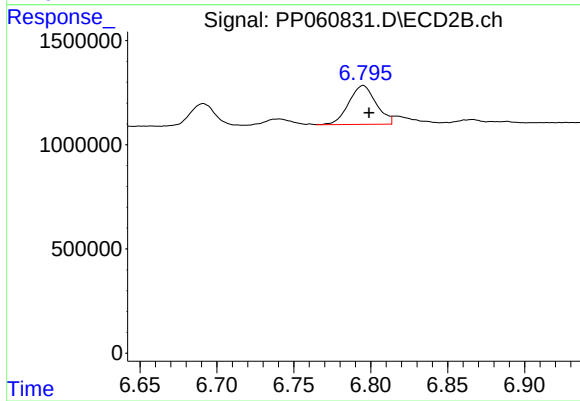
#29 AR-1254-4

R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 1741977
Conc: 19.99 ng/ml



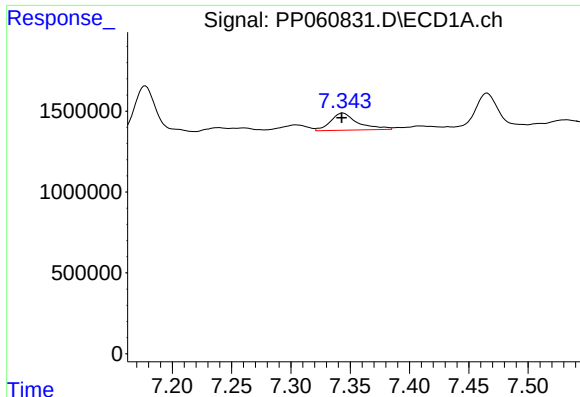
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 2959209
Conc: 27.31 ng/ml



#30 AR-1254-5

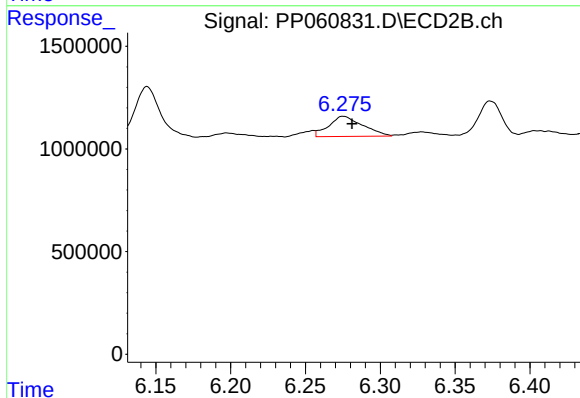
R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 2299735
Conc: 18.15 ng/ml



#31 AR-1260-1

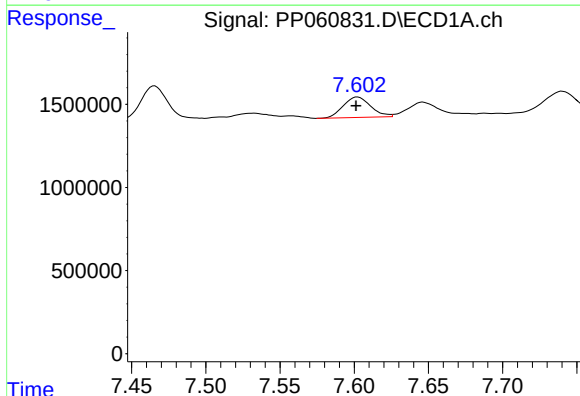
R.T.: 7.344 min
Delta R.T.: 0.001 min
Response: 1693524
Conc: 16.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



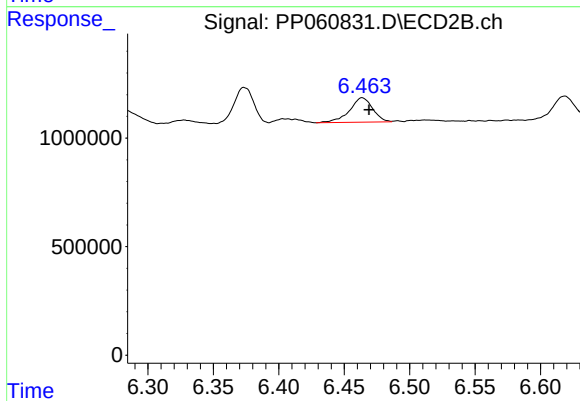
#31 AR-1260-1

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 1553341
Conc: 15.48 ng/ml



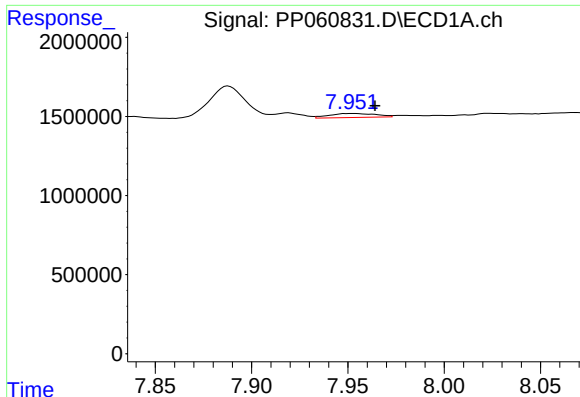
#32 AR-1260-2

R.T.: 7.602 min
Delta R.T.: 0.001 min
Response: 1587218
Conc: 13.13 ng/ml



#32 AR-1260-2

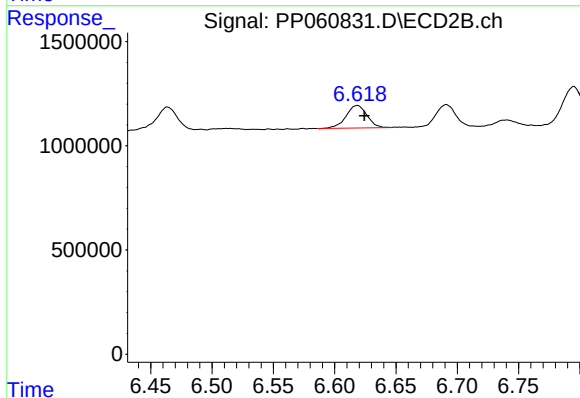
R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 1384371
Conc: 11.60 ng/ml



#33 AR-1260-3

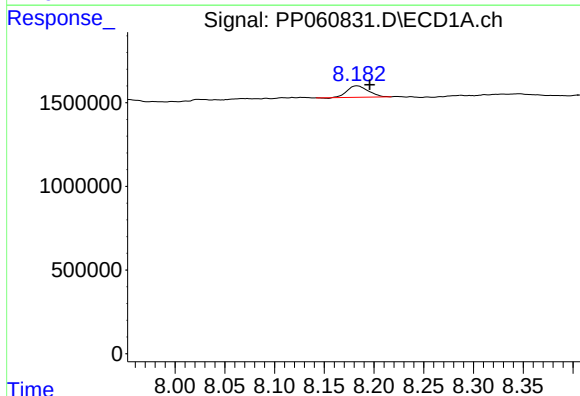
R.T.: 7.952 min
Delta R.T.: -0.012 min
Response: 418784
Conc: 4.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



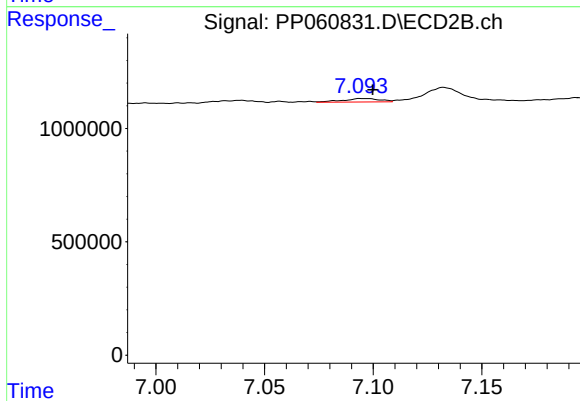
#33 AR-1260-3

R.T.: 6.619 min
Delta R.T.: -0.006 min
Response: 1288776
Conc: 11.26 ng/ml



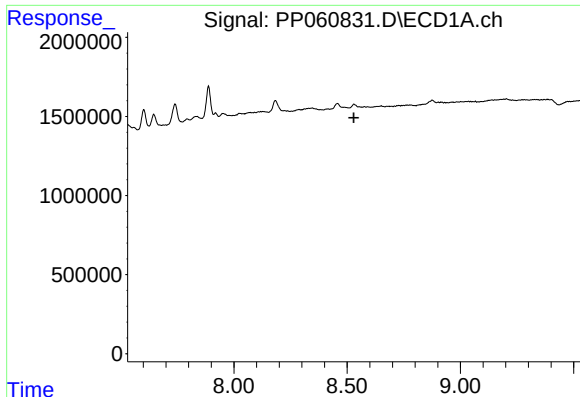
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 992306
Conc: 9.36 ng/ml



#34 AR-1260-4

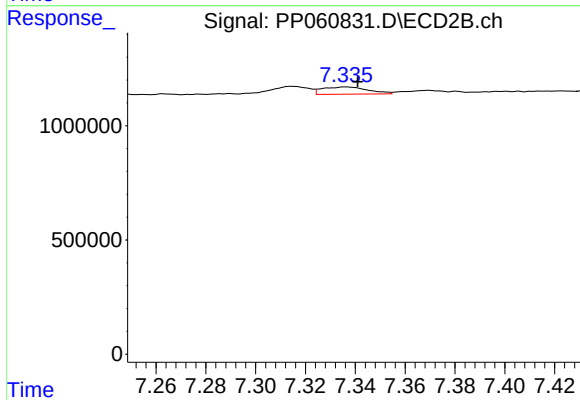
R.T.: 7.094 min
Delta R.T.: -0.006 min
Response: 182012
Conc: 1.91 ng/ml



#35 AR-1260-5

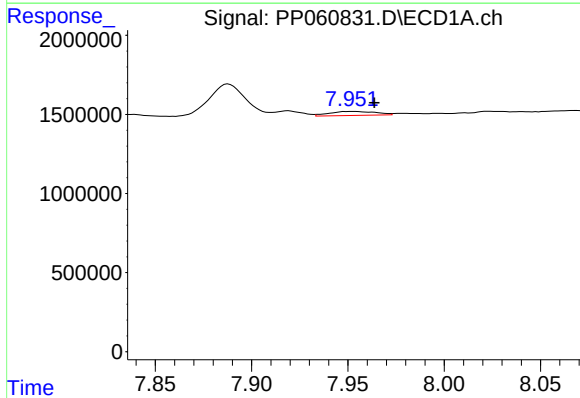
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



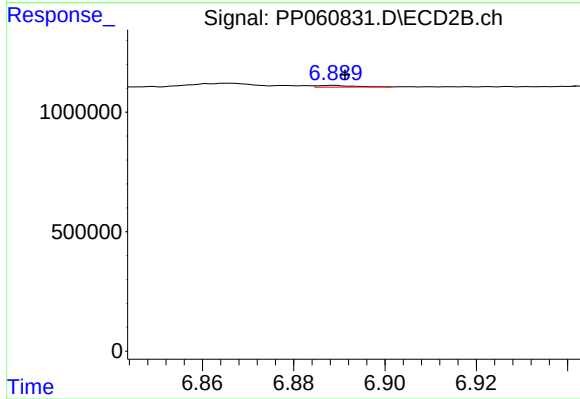
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.005 min
Response: 399416
Conc: 1.84 ng/ml



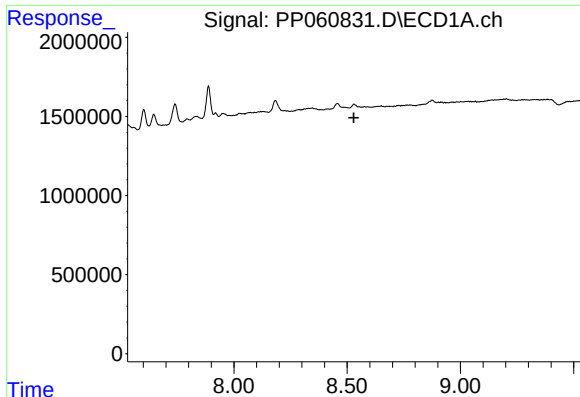
#36 AR-1262-1

R.T.: 7.952 min
Delta R.T.: -0.011 min
Response: 418784
Conc: 3.36 ng/ml



#36 AR-1262-1

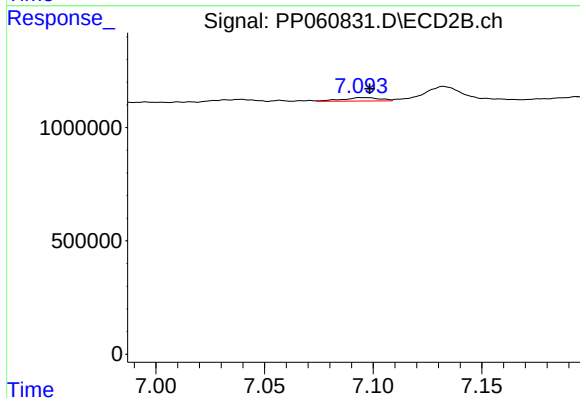
R.T.: 6.889 min
Delta R.T.: -0.002 min
Response: 39401
Conc: 0.74 ng/ml



#37 AR-1262-2

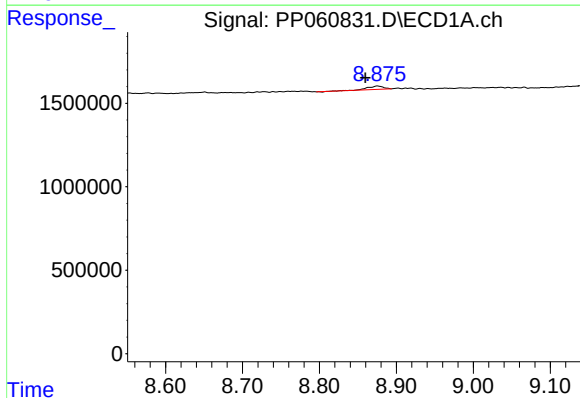
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



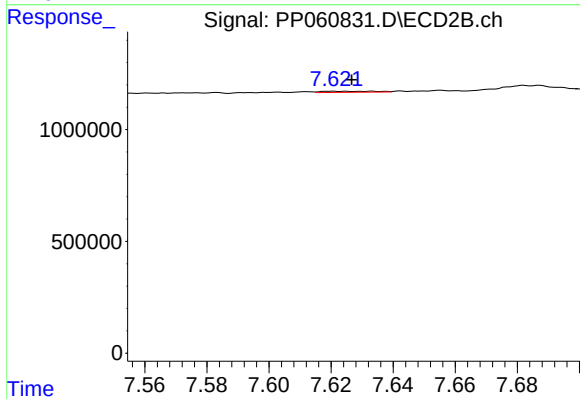
#37 AR-1262-2

R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 182012
Conc: 1.54 ng/ml



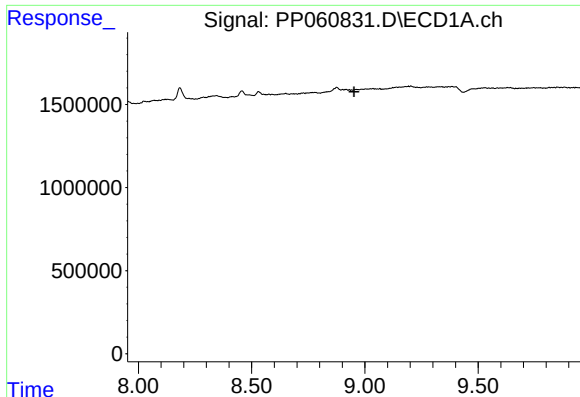
#38 AR-1262-3

R.T.: 8.875 min
Delta R.T.: 0.016 min
Response: 293813
Conc: 1.94 ng/ml



#38 AR-1262-3

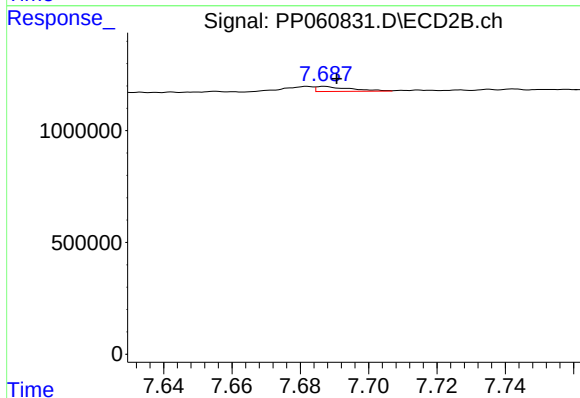
R.T.: 7.633 min
Delta R.T.: 0.007 min
Response: 56306
Conc: 0.61 ng/ml



#39 AR-1262-4

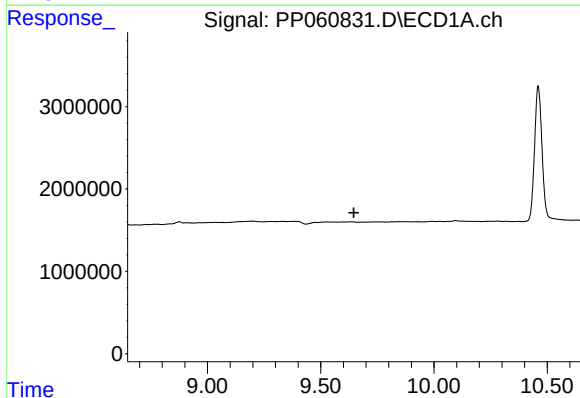
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



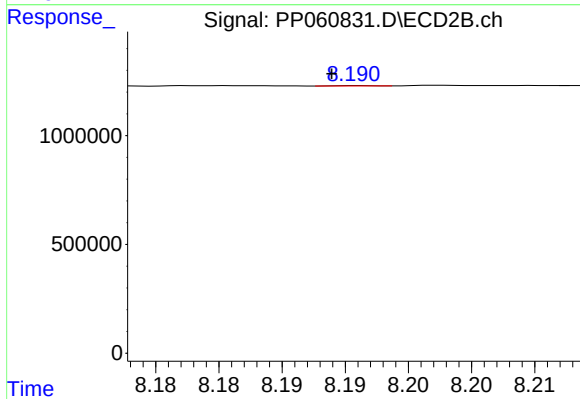
#39 AR-1262-4

R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 154800
Conc: 0.92 ng/ml



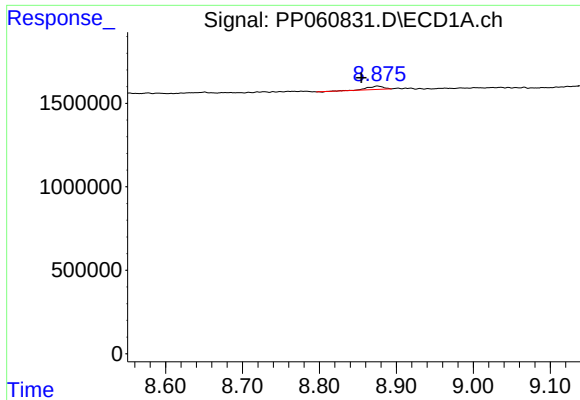
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

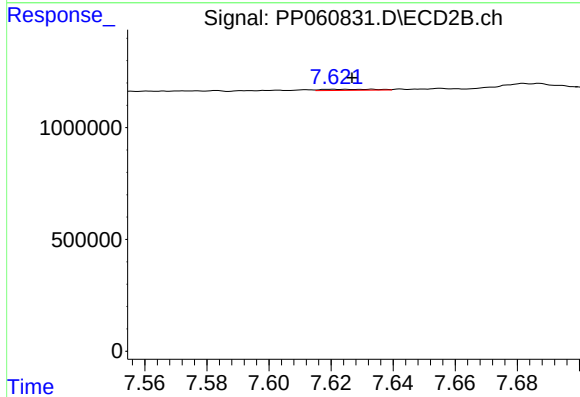
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 3001
Conc: 0.04 ng/ml



#41 AR-1268-1

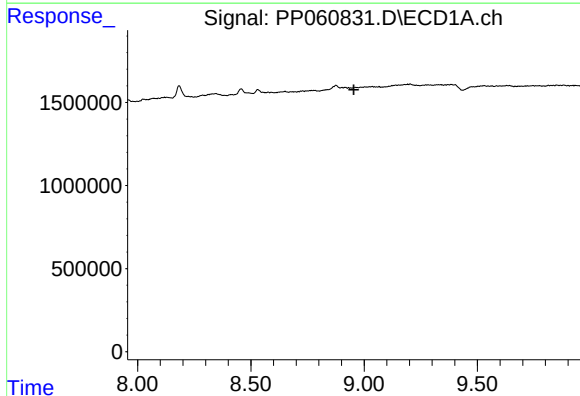
R.T.: 8.875 min
Delta R.T.: 0.021 min
Response: 293813
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



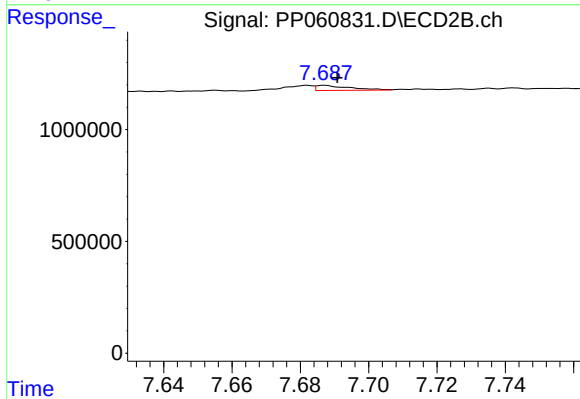
#41 AR-1268-1

R.T.: 7.633 min
Delta R.T.: 0.007 min
Response: 56306
Conc: 0.21 ng/ml



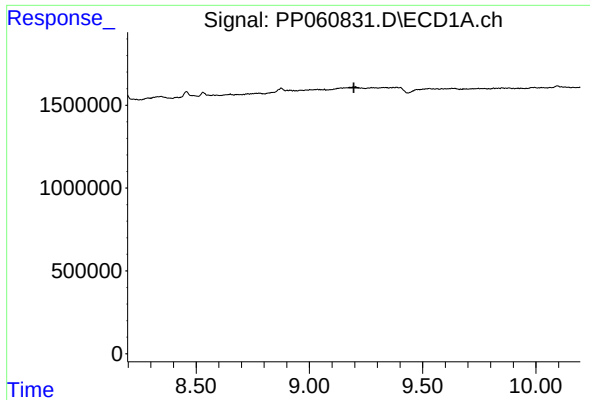
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#42 AR-1268-2

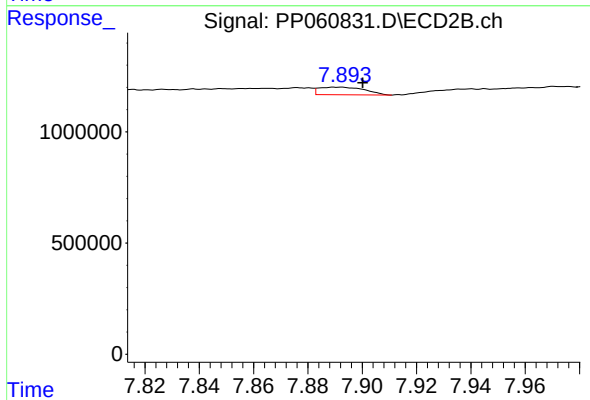
R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 154800
Conc: 0.63 ng/ml



#43 AR-1268-3

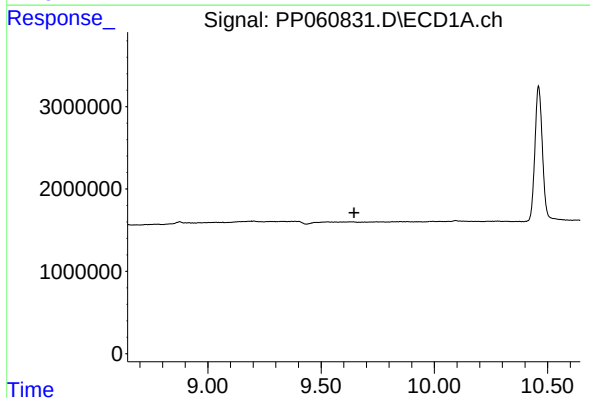
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



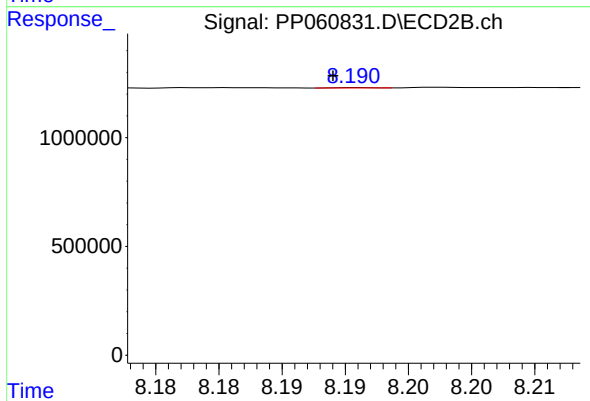
#43 AR-1268-3

R.T.: 7.893 min
Delta R.T.: -0.008 min
Response: 399167
Conc: 1.87 ng/ml



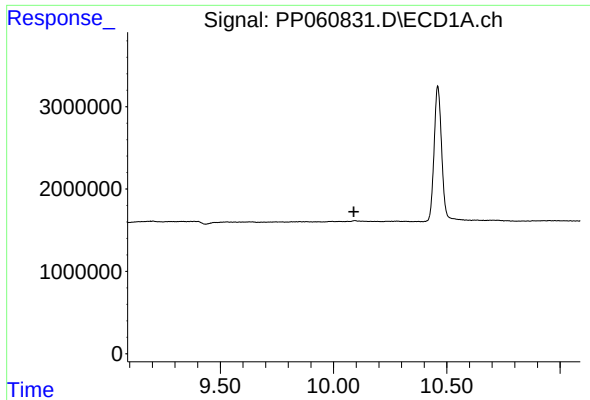
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#44 AR-1268-4

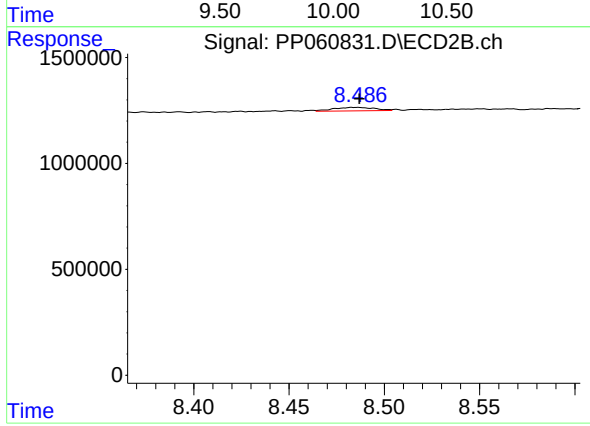
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 3001
Conc: 0.03 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.486 min
Delta R.T.: 0.000 min
Response: 243751
Conc: 0.39 ng/ml