

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102023\
 Data File : PP061133.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 15:58
 Operator : YP\AJ
 Sample : 04957-03
 Misc :
 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 20 16:52:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 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...	4.558	3.693	52979456	19042740	24.100	14.085 #
2) SA Decachlor...	10.526	8.763	34195896	23489733	21.837	15.623 #
Target Compounds						
3) L1 AR-1016-1	0.000	4.793	0	71093722	N.D.	1366.024 #
4) L1 AR-1016-2	0.000	4.798	0	158.8E6	N.D.	2217.877 #
5) L1 AR-1016-3	5.831	4.953f	108.0E6	33504544	1727.741	829.173 #
6) L1 AR-1016-4	5.934	0.000	1759.2E6	0	34437.931	N.D. #
7) L1 AR-1016-5	6.236	5.242	407.3E6	8443616	8055.975	202.226 #
8) L2 AR-1221-1	4.766	3.914	967.7E6	1692594	34452.851	82.979 #
9) L2 AR-1221-2	0.000	3.987	0	14233673	N.D.	968.936 #
10) L2 AR-1221-3	4.910f	0.000	5477.8E6	0	88769.245	N.D. #
11) L3 AR-1232-1	4.910f	0.000	5477.8E6	0	108283.036	N.D. #
12) L3 AR-1232-2	0.000	4.798	0	158.8E6	N.D.	4803.219 #
14) L3 AR-1232-4	5.934	0.000	1759.2E6	0	75192.275	N.D. #
15) L3 AR-1232-5	0.000	5.242	0	8443616	N.D.	449.493 #
16) L4 AR-1242-1	0.000	4.793	0	71093722	N.D.	1761.150 #
17) L4 AR-1242-2	0.000	4.798	0	158.8E6	N.D.	2901.105 #
18) L4 AR-1242-3	5.831	0.000	108.0E6	0	2174.800	N.D. #
19) L4 AR-1242-4	5.934	0.000	1759.2E6	0	44039.597	N.D. #
20) L4 AR-1242-5	6.668	5.600	839.2E6	467316	20681.636	11.952 #
21) L5 AR-1248-1	0.000	4.793	0	71093722	N.D.	2302.678 #
23) L5 AR-1248-3	6.236	0.000	407.3E6	0	5800.752	N.D. #
24) L5 AR-1248-4	0.000	5.242	0	8443616	N.D.	152.744 #
25) L5 AR-1248-5	6.668	5.614f	839.2E6	2730069	11372.053	52.369 #
26) L6 AR-1254-1	0.000	5.600	0	467316	N.D.	6.049 #
27) L6 AR-1254-2	6.851f	5.736	5847383	1483553	49.085	21.412 #
28) L6 AR-1254-3	7.174f	6.152	123.5E6	7327038	1009.157	64.754 #
29) L6 AR-1254-4	7.516f	6.388	775.5E6	71383	8810.339	1.039 #
30) L6 AR-1254-5	7.896f	6.816	1535609	9054446	15.464	84.645 #
31) L7 AR-1260-1	7.364	6.269	3345167	6491492	35.737	78.446 #
32) L7 AR-1260-2	7.642	6.474	129.3E6	18872759	1190.619	191.655 #
33) L7 AR-1260-3	7.979	6.625	23828471	284125	342.847	3.004 #
34) L7 AR-1260-4	8.254f	7.105	419872	468153	4.922	6.532 #
35) L7 AR-1260-5	0.000	7.326f	0	399982	N.D.	2.385 #
36) L8 AR-1262-1	8.002	6.879f	42613088	3179377	339.266	66.695 #
37) L8 AR-1262-2	0.000	7.105	0	468153	N.D.	4.445 #
38) L8 AR-1262-3	8.903	7.629	23567529	1375842	156.937	16.434 #
39) L8 AR-1262-4	9.001	7.707	40504362	59177082	358.118	391.343
40) L8 AR-1262-5	0.000	8.194	0	640562	N.D.	9.050 #
41) L9 AR-1268-1	8.903	7.629	23567529	1375842	90.445	5.735 #
42) L9 AR-1268-2	9.001	7.707	40504362	59177082	172.748	275.811 #
43) L9 AR-1268-3	0.000	7.918	0	5118475	N.D.	27.021 #

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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
44) L9	AR-1268-4	0.000	8.194	0	640562	N.D.	8.359 #
45) L9	AR-1268-5	10.144	8.514f	6651234	4373981	10.425	7.921

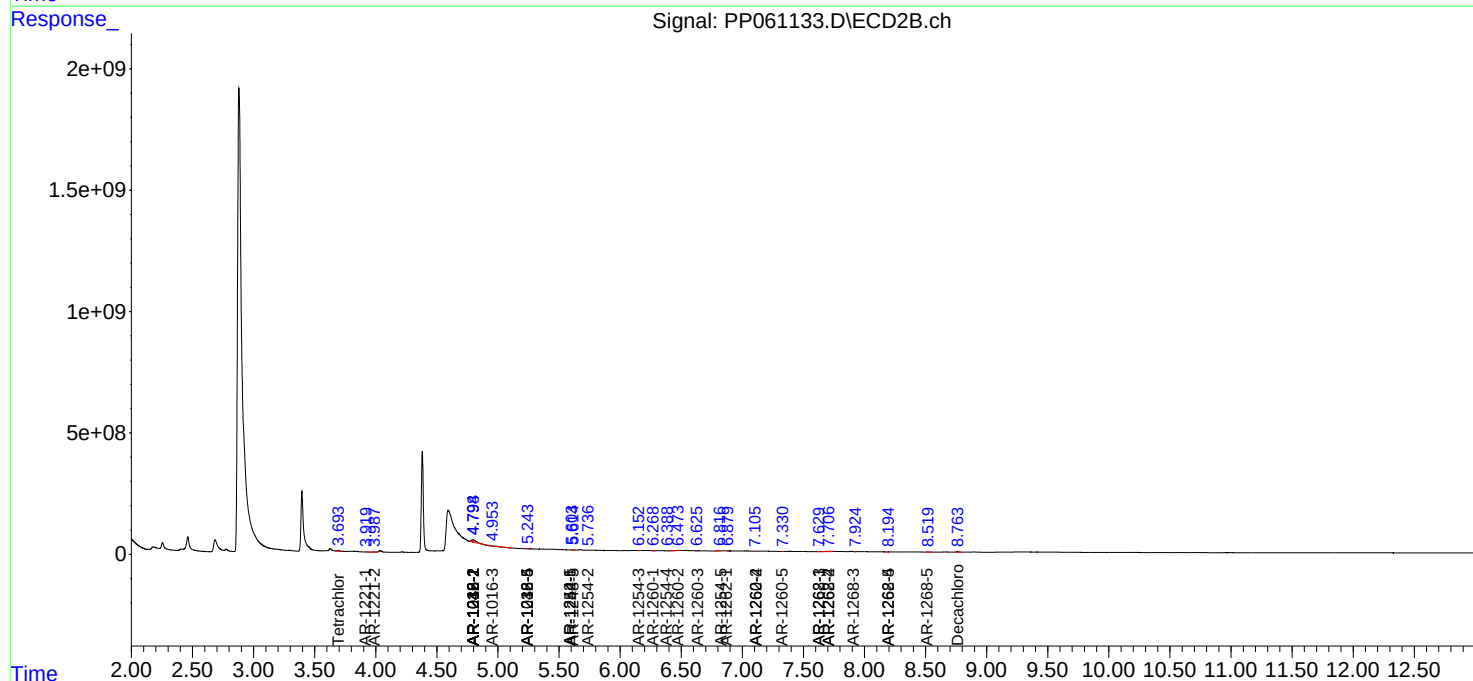
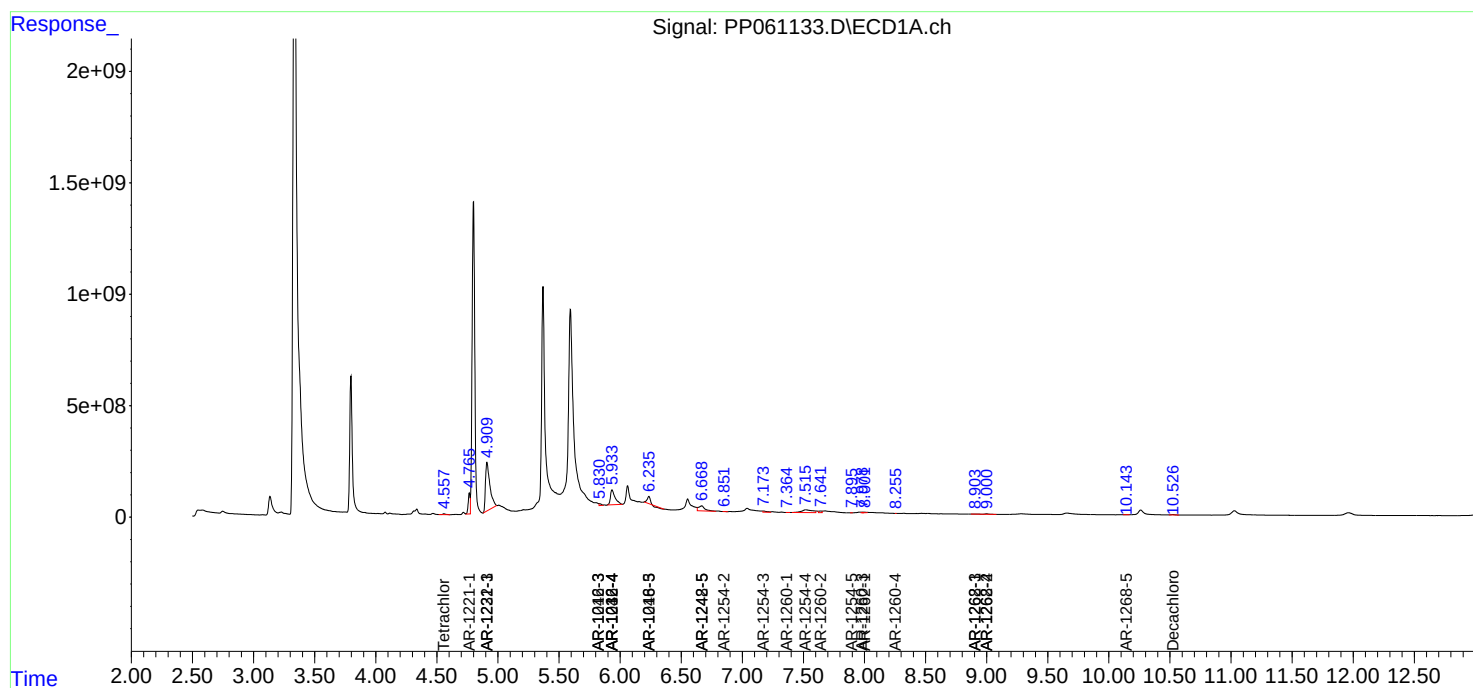
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

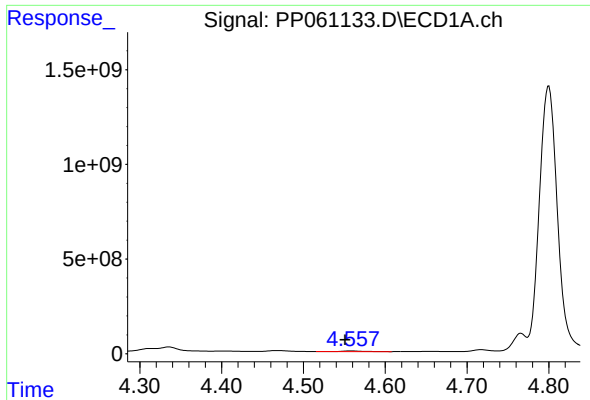
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

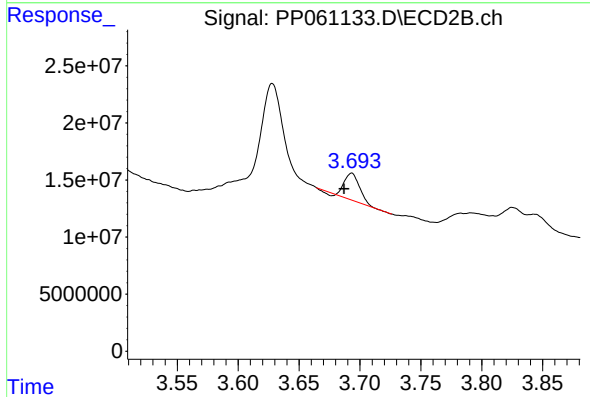




#1 Tetrachloro-m-xylene

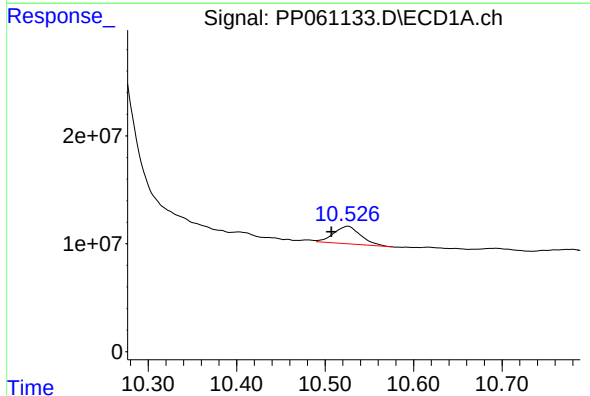
R.T.: 4.558 min
Delta R.T.: 0.007 min
Response: 52979456
Conc: 24.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



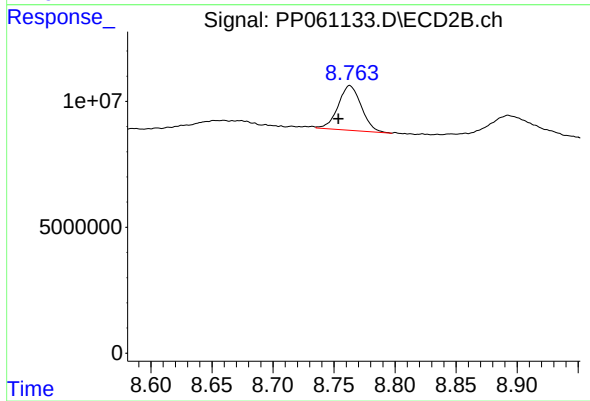
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.007 min
Response: 19042740
Conc: 14.08 ng/ml



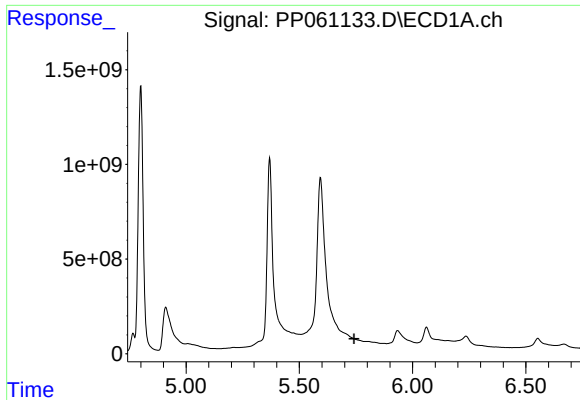
#2 Decachlorobiphenyl

R.T.: 10.526 min
Delta R.T.: 0.019 min
Response: 34195896
Conc: 21.84 ng/ml



#2 Decachlorobiphenyl

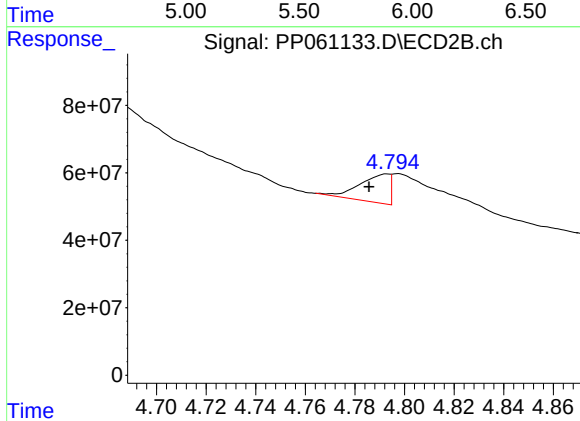
R.T.: 8.763 min
Delta R.T.: 0.009 min
Response: 23489733
Conc: 15.62 ng/ml



#3 AR-1016-1

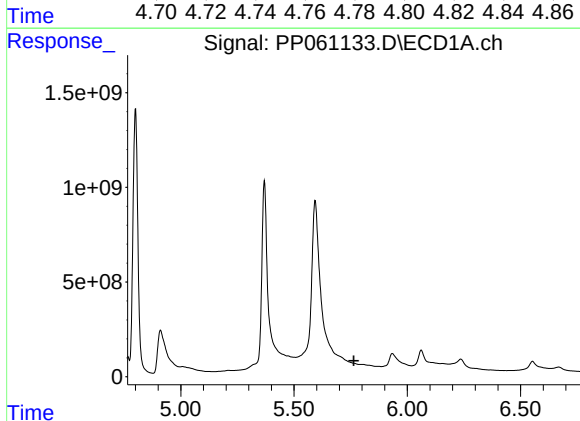
R.T.: 0.000 min
Exp R.T.: 5.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



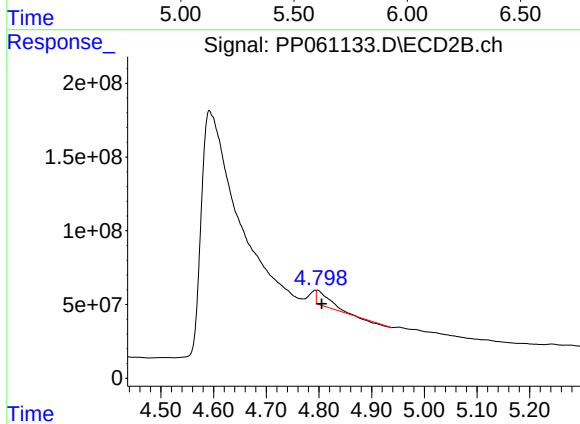
#3 AR-1016-1

R.T.: 4.793 min
Delta R.T.: 0.007 min
Response: 71093722
Conc: 1366.02 ng/ml



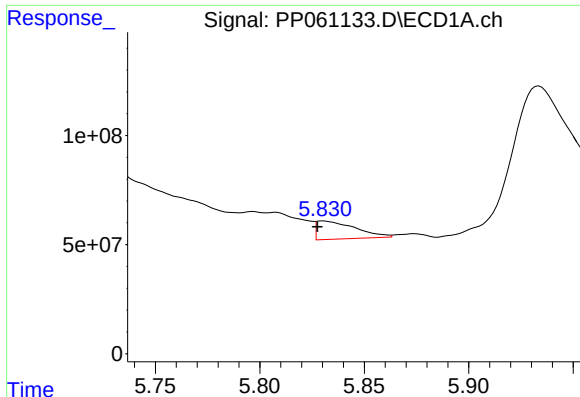
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.764 min
Response: 0
Conc: N.D.



#4 AR-1016-2

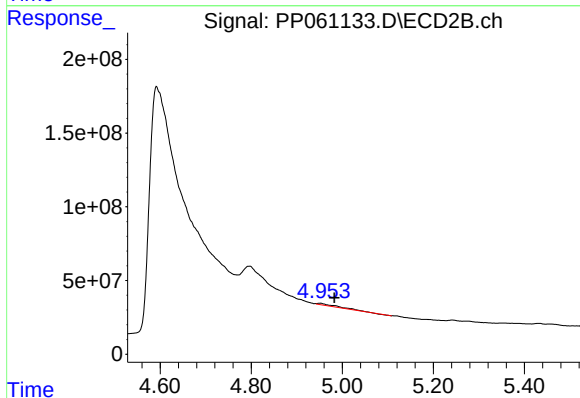
R.T.: 4.798 min
Delta R.T.: -0.008 min
Response: 158842299
Conc: 2217.88 ng/ml



#5 AR-1016-3

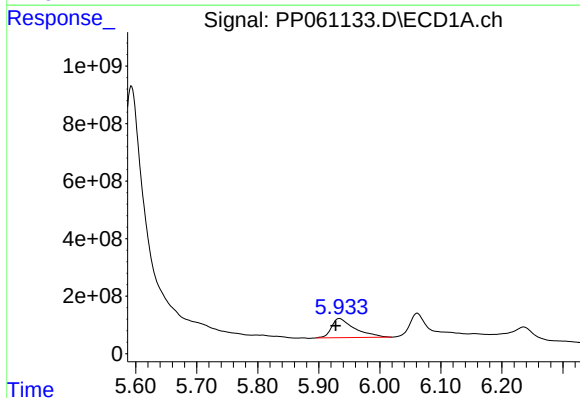
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 107966730
Conc: 1727.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



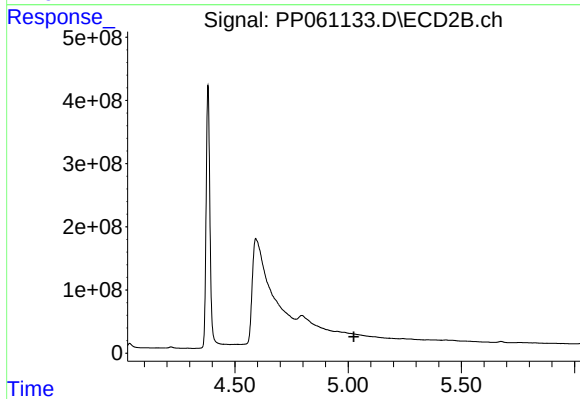
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: -0.030 min
Response: 33504544
Conc: 829.17 ng/ml



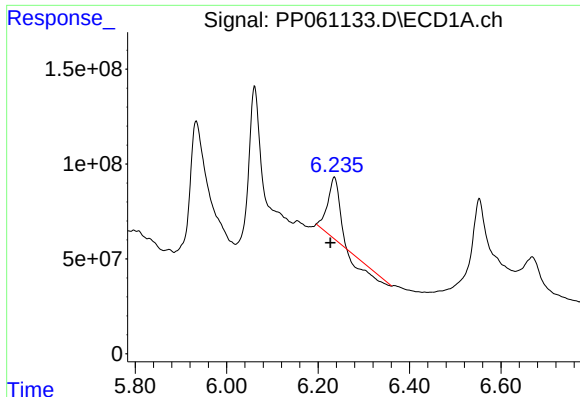
#6 AR-1016-4

R.T.: 5.934 min
Delta R.T.: 0.006 min
Response: 1759209076
Conc: 34437.93 ng/ml



#6 AR-1016-4

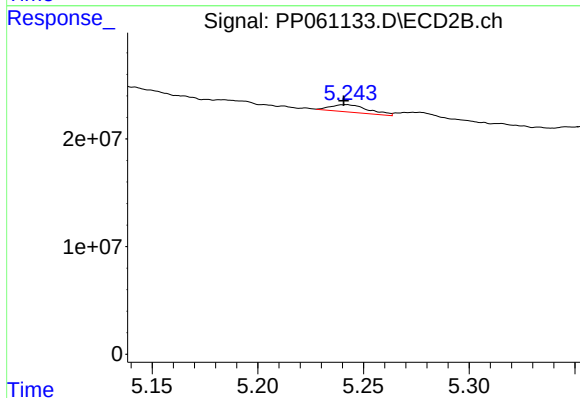
R.T.: 0.000 min
Exp R.T.: 5.026 min
Response: 0
Conc: N.D.



#7 AR-1016-5

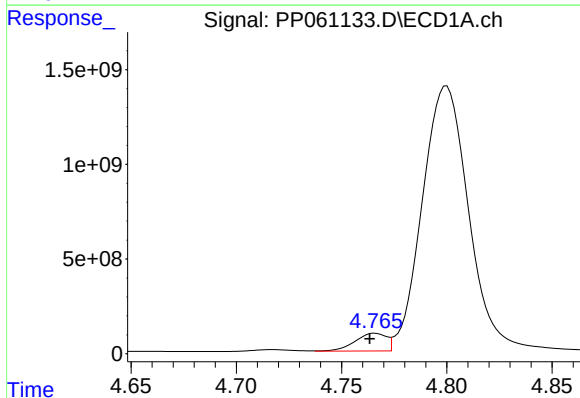
R.T.: 6.236 min
Delta R.T.: 0.008 min
Response: 407300972
Conc: 8055.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



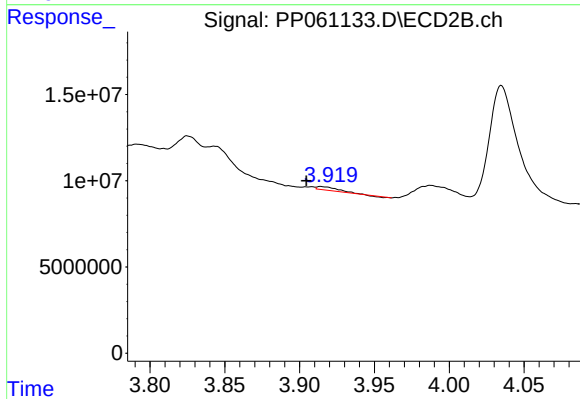
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: 0.001 min
Response: 8443616
Conc: 202.23 ng/ml



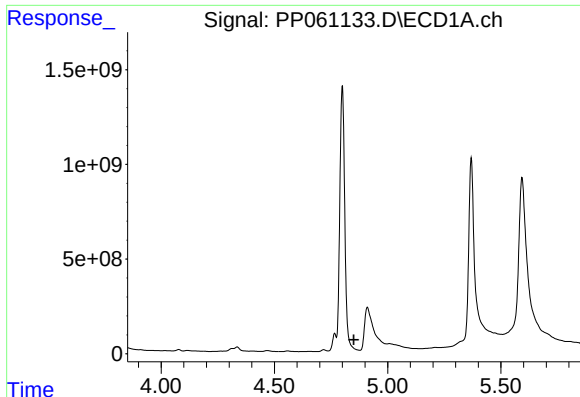
#8 AR-1221-1

R.T.: 4.766 min
Delta R.T.: 0.002 min
Response: 967745337
Conc: 34452.85 ng/ml



#8 AR-1221-1

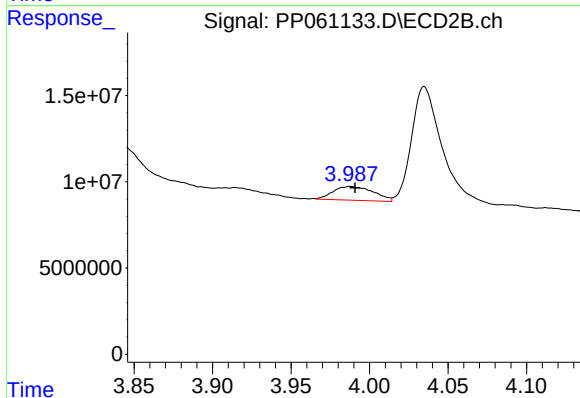
R.T.: 3.914 min
Delta R.T.: 0.010 min
Response: 1692594
Conc: 82.98 ng/ml



#9 AR-1221-2

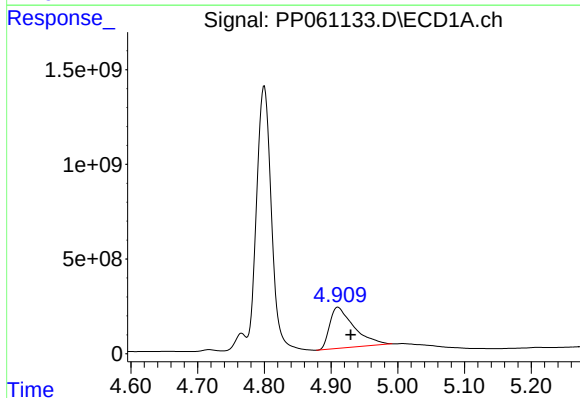
R.T.: 0.000 min
Exp R.T.: 4.851 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



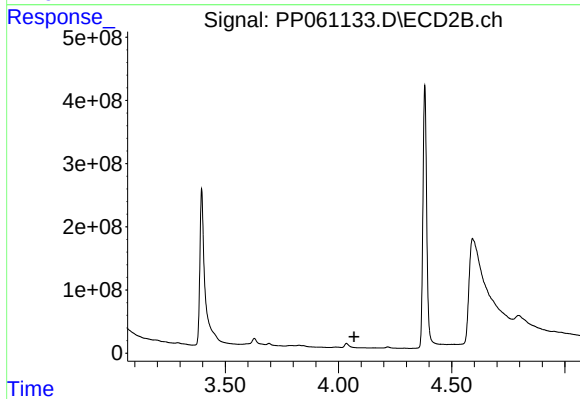
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.003 min
Response: 14233673
Conc: 968.94 ng/ml



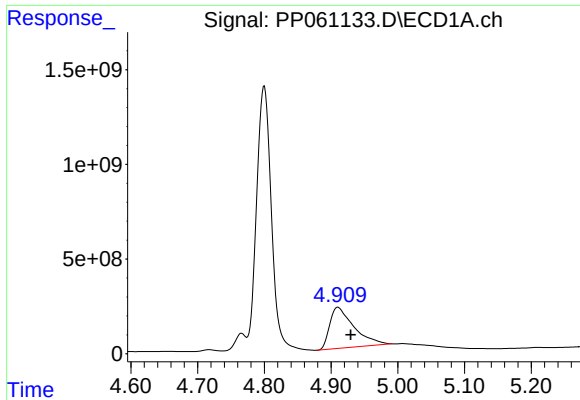
#10 AR-1221-3

R.T.: 4.910 min
Delta R.T.: -0.019 min
Response: 5477817238
Conc: 88769.25 ng/ml



#10 AR-1221-3

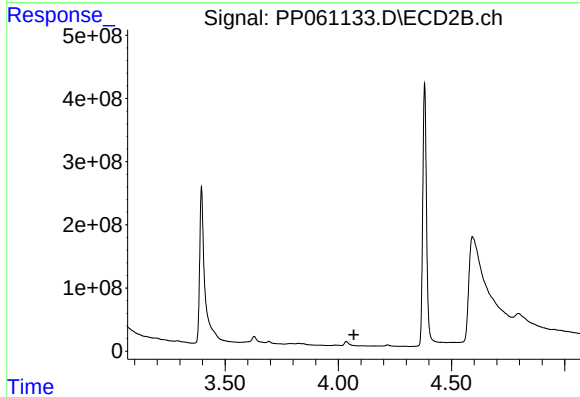
R.T.: 0.000 min
Exp R.T.: 4.068 min
Response: 0
Conc: N.D.



#11 AR-1232-1

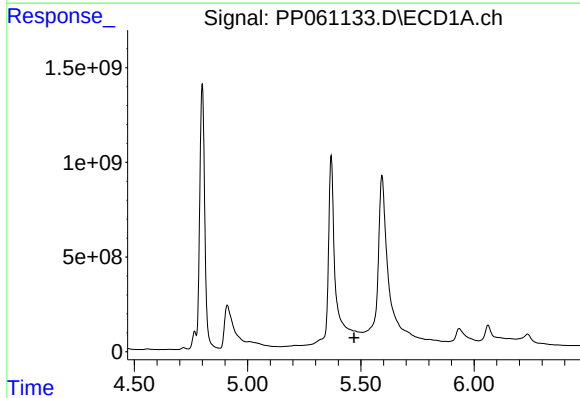
R.T.: 4.910 min
Delta R.T.: -0.019 min
Response: 5477817238
Conc: 108283.04 ng

Instrument :
ECD_P
ClientSampleId :



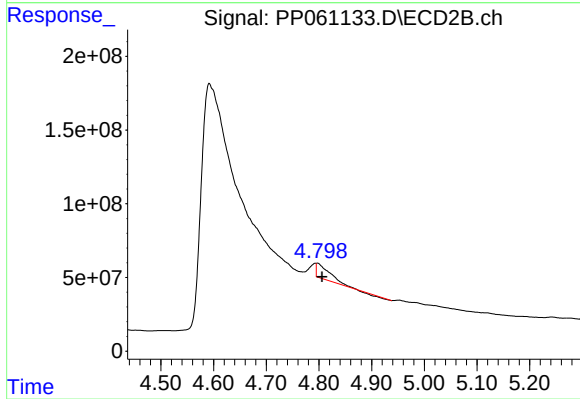
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.069 min
Response: 0
Conc: N.D.



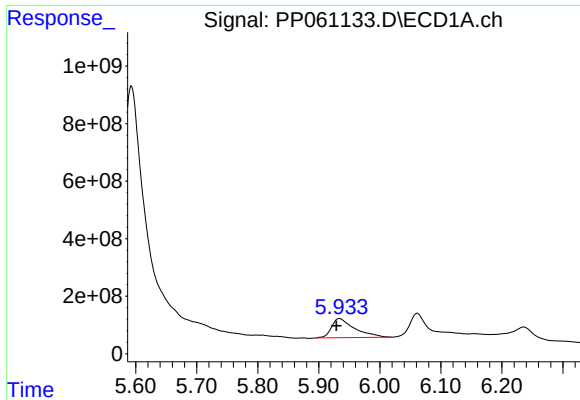
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.470 min
Response: 0
Conc: N.D.



#12 AR-1232-2

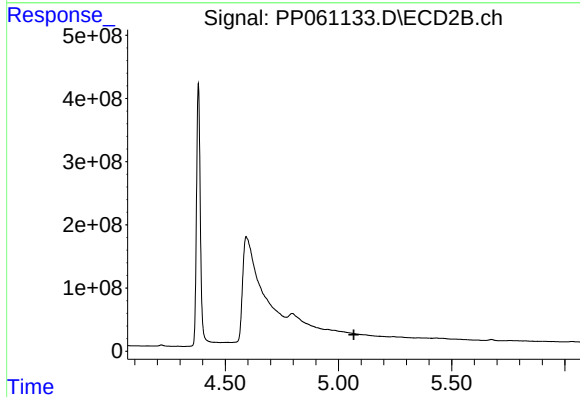
R.T.: 4.798 min
Delta R.T.: -0.008 min
Response: 158842299
Conc: 4803.22 ng/ml



#14 AR-1232-4

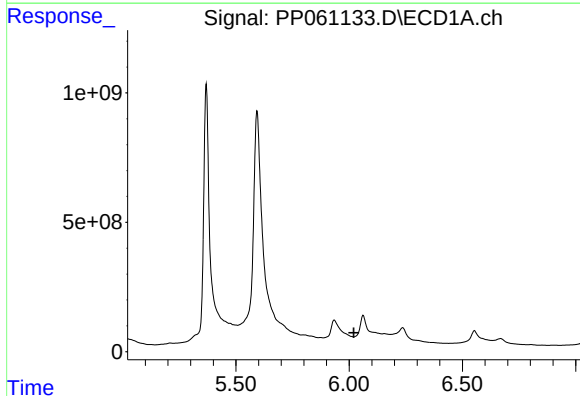
R.T.: 5.934 min
Delta R.T.: 0.005 min
Response: 1759209076
Conc: 75192.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



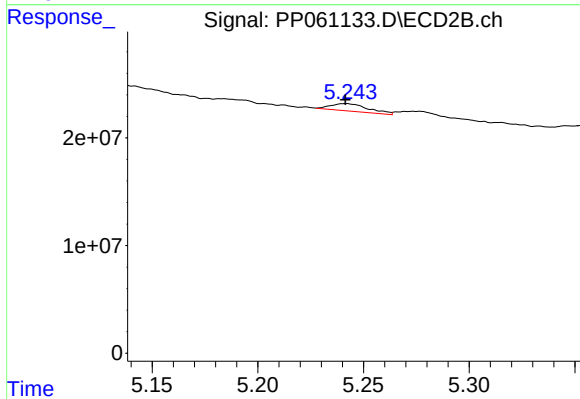
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.068 min
Response: 0
Conc: N.D.



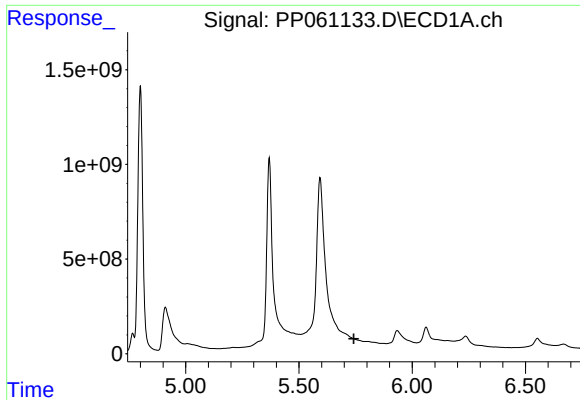
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.



#15 AR-1232-5

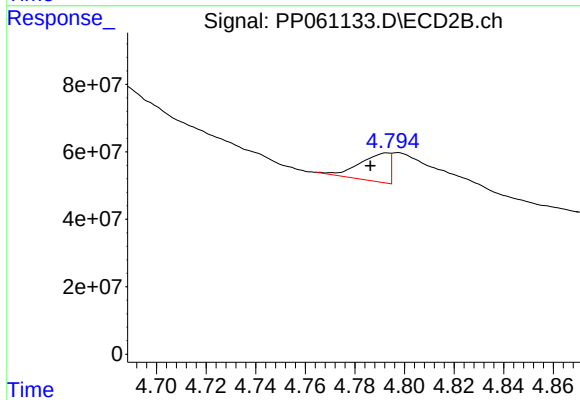
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 8443616
Conc: 449.49 ng/ml



#16 AR-1242-1

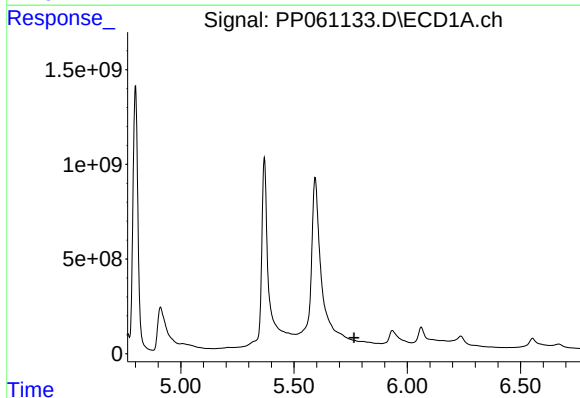
R.T.: 0.000 min
Exp R.T.: 5.742 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



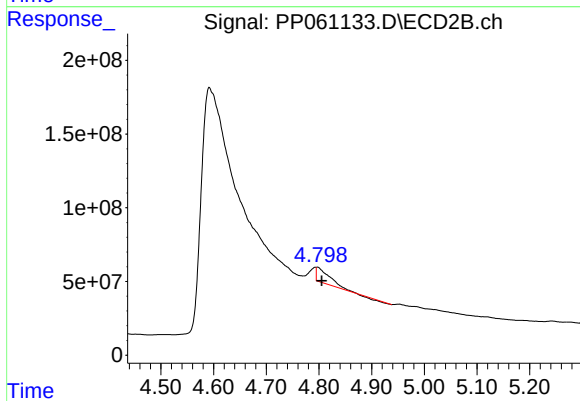
#16 AR-1242-1

R.T.: 4.793 min
Delta R.T.: 0.007 min
Response: 71093722
Conc: 1761.15 ng/ml



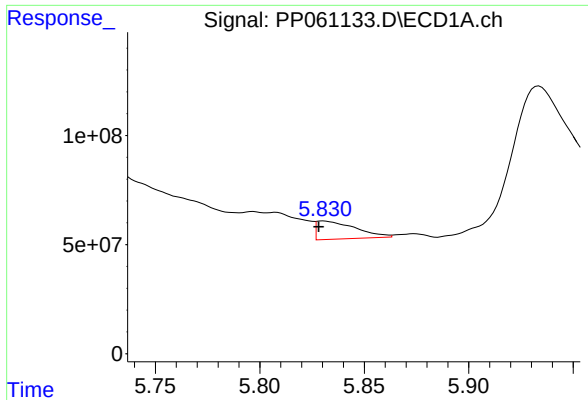
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.765 min
Response: 0
Conc: N.D.



#17 AR-1242-2

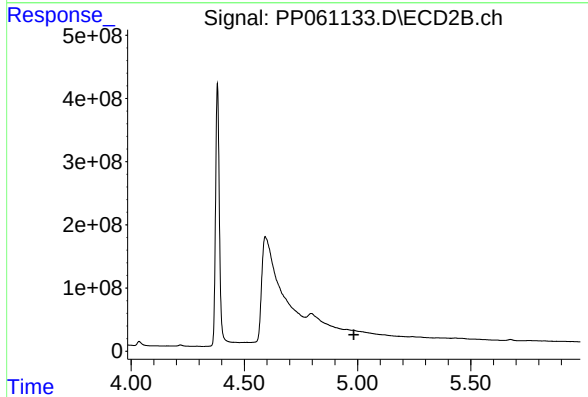
R.T.: 4.798 min
Delta R.T.: -0.008 min
Response: 158842299
Conc: 2901.11 ng/ml



#18 AR-1242-3

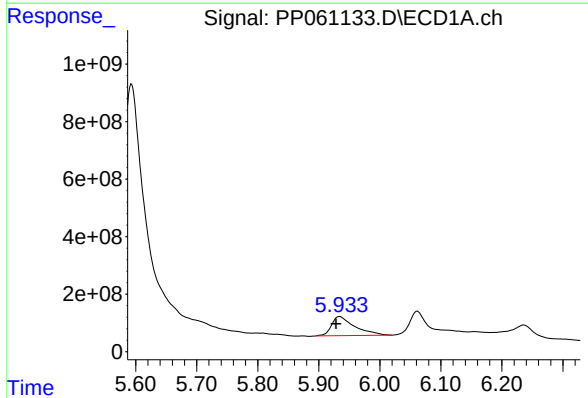
R.T.: 5.831 min
Delta R.T.: 0.002 min
Response: 107966730
Conc: 2174.80 ng/m

Instrument :
ECD_P
ClientSampleId :



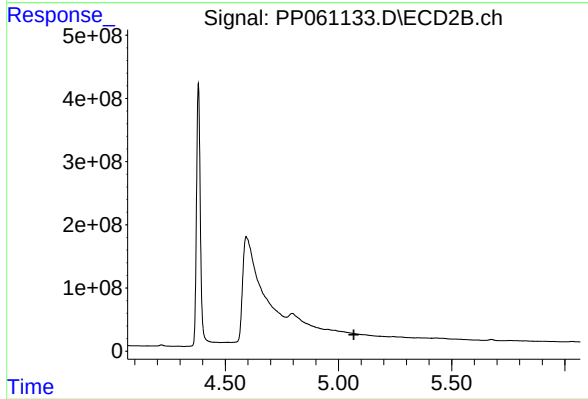
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.983 min
Response: 0
Conc: N.D.



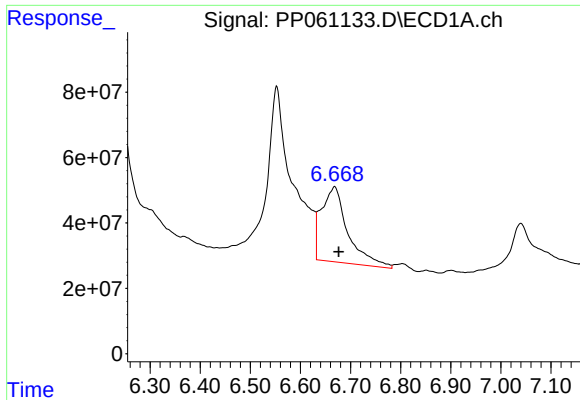
#19 AR-1242-4

R.T.: 5.934 min
Delta R.T.: 0.006 min
Response: 1759209076
Conc: 44039.60 ng/ml



#19 AR-1242-4

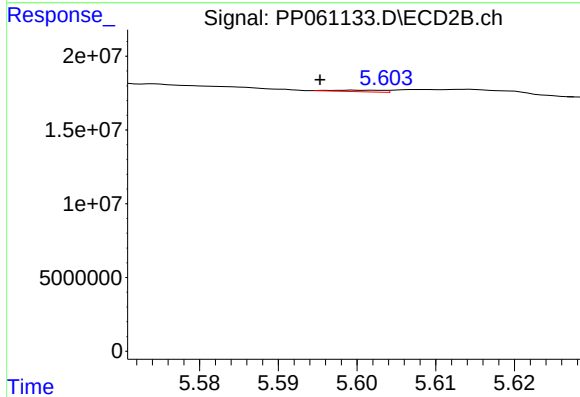
R.T.: 0.000 min
Exp R.T. : 5.068 min
Response: 0
Conc: N.D.



#20 AR-1242-5

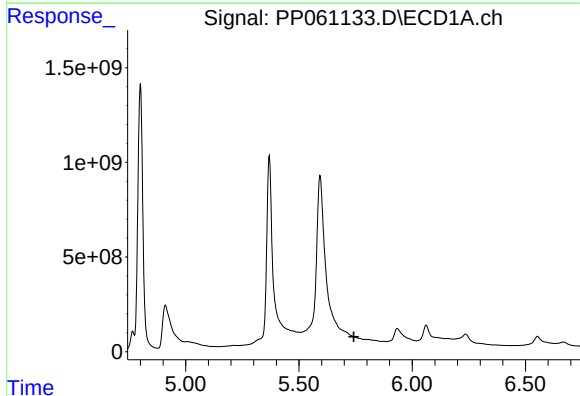
R.T.: 6.668 min
Delta R.T.: -0.008 min
Response: 839179380
Conc: 20681.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



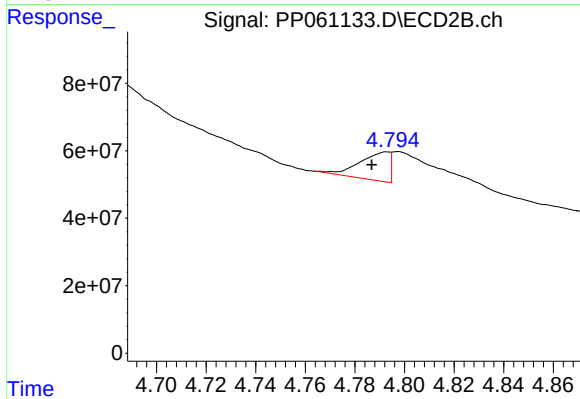
#20 AR-1242-5

R.T.: 5.600 min
Delta R.T.: 0.004 min
Response: 467316
Conc: 11.95 ng/ml



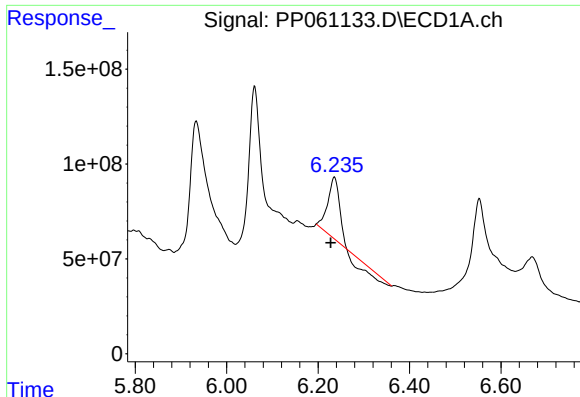
#21 AR-1248-1

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



#21 AR-1248-1

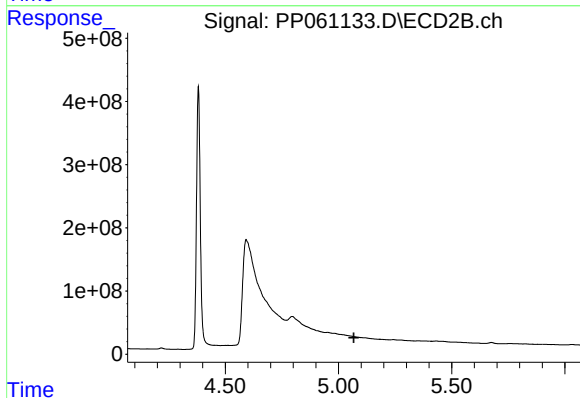
R.T.: 4.793 min
Delta R.T.: 0.006 min
Response: 71093722
Conc: 2302.68 ng/ml



#23 AR-1248-3

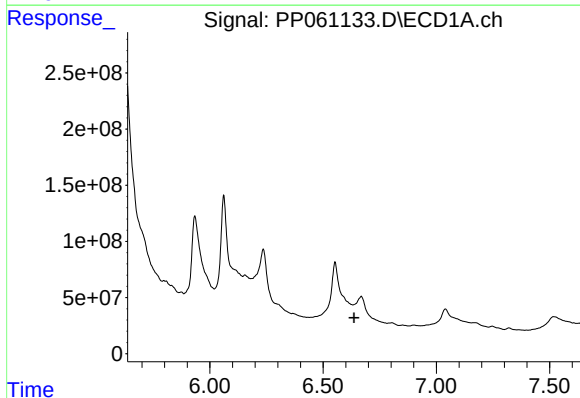
R.T.: 6.236 min
Delta R.T.: 0.008 min
Response: 407300972
Conc: 5800.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



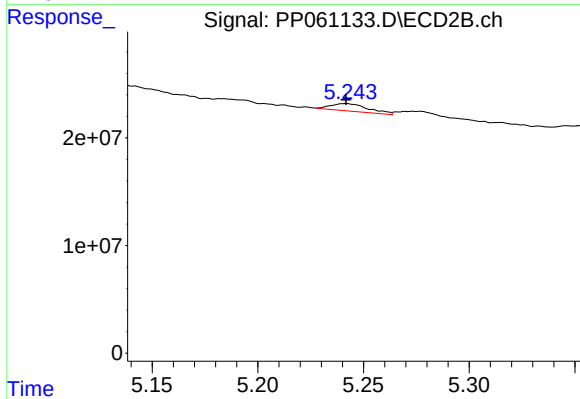
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.068 min
Response: 0
Conc: N.D.



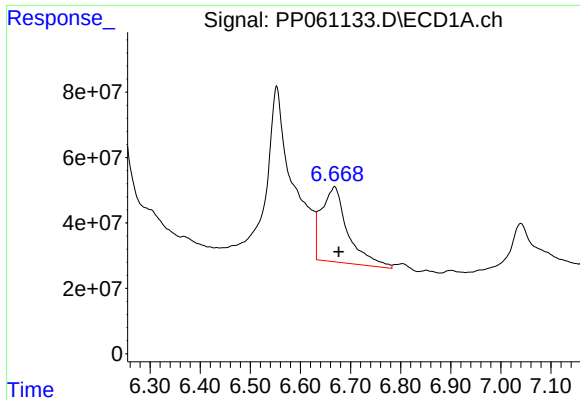
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.636 min
Response: 0
Conc: N.D.



#24 AR-1248-4

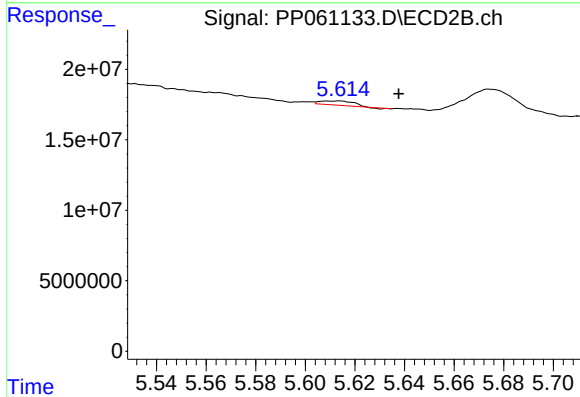
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 8443616
Conc: 152.74 ng/ml



#25 AR-1248-5

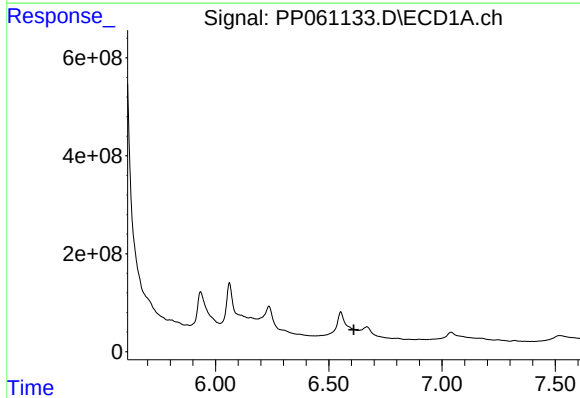
R.T.: 6.668 min
Delta R.T.: -0.008 min
Response: 839179380
Conc: 11372.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



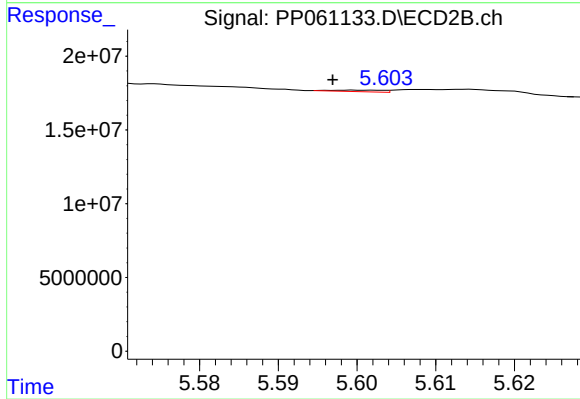
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.024 min
Response: 2730069
Conc: 52.37 ng/ml



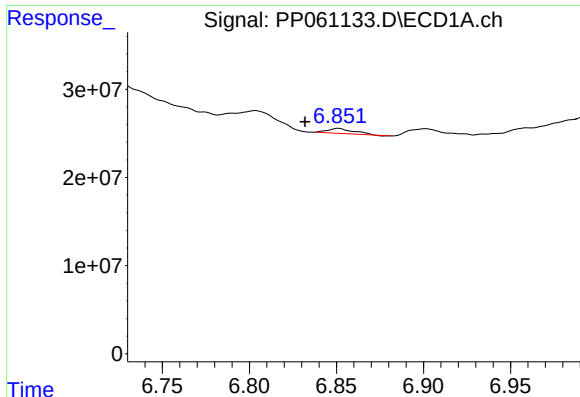
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.611 min
Response: 0
Conc: N.D.



#26 AR-1254-1

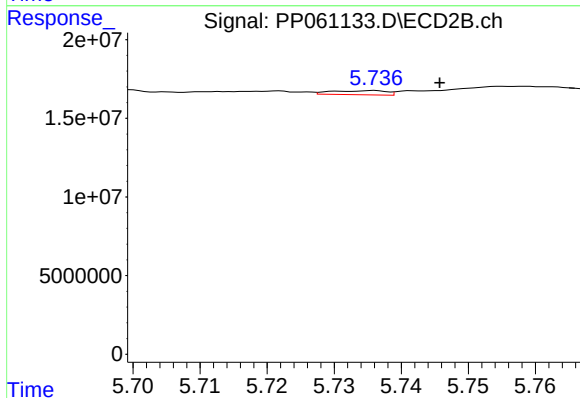
R.T.: 5.600 min
Delta R.T.: 0.003 min
Response: 467316
Conc: 6.05 ng/ml



#27 AR-1254-2

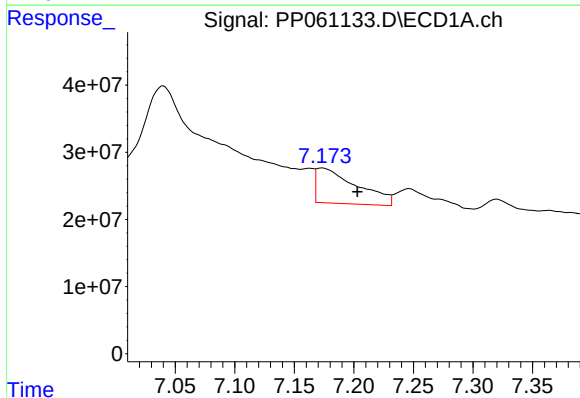
R.T.: 6.851 min
Delta R.T.: 0.019 min
Response: 5847383
Conc: 49.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



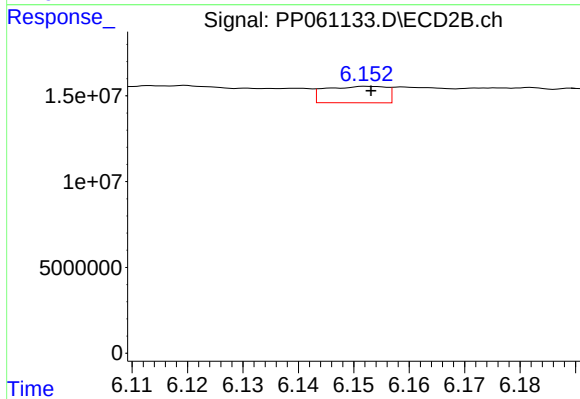
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: -0.010 min
Response: 1483553
Conc: 21.41 ng/ml



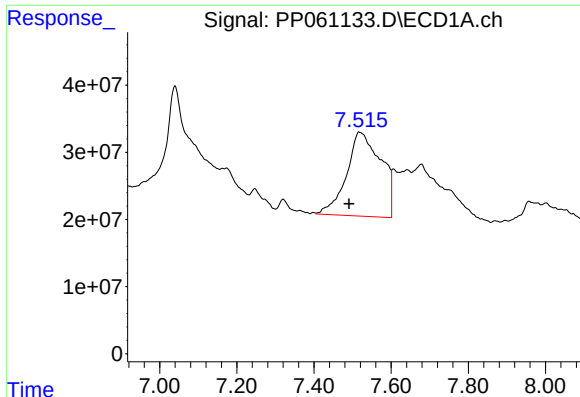
#28 AR-1254-3

R.T.: 7.174 min
Delta R.T.: -0.029 min
Response: 123460377
Conc: 1009.16 ng/ml



#28 AR-1254-3

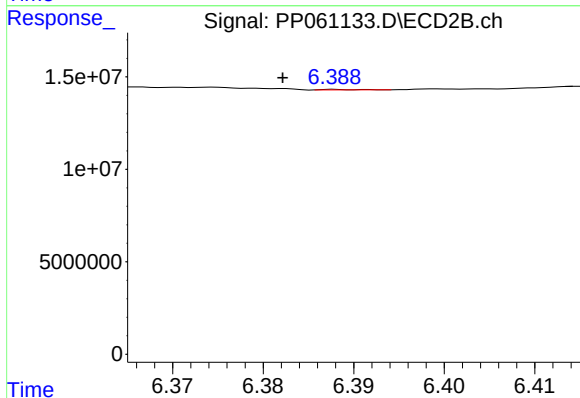
R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 7327038
Conc: 64.75 ng/ml



#29 AR-1254-4

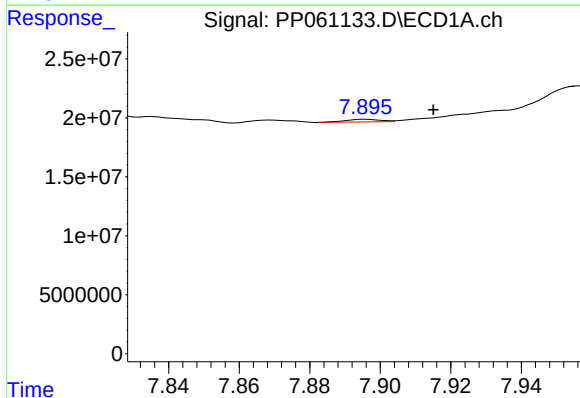
R.T.: 7.516 min
Delta R.T.: 0.025 min
Response: 775481117
Conc: 8810.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



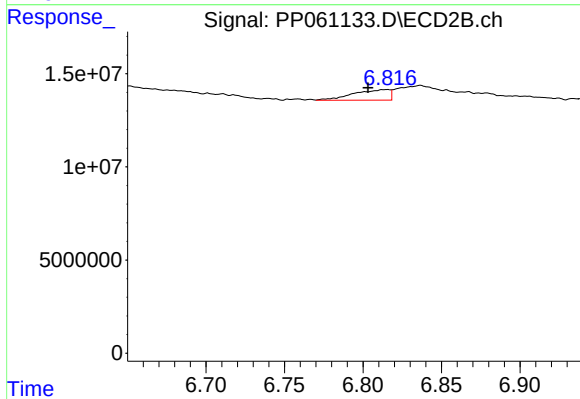
#29 AR-1254-4

R.T.: 6.388 min
Delta R.T.: 0.006 min
Response: 71383
Conc: 1.04 ng/ml



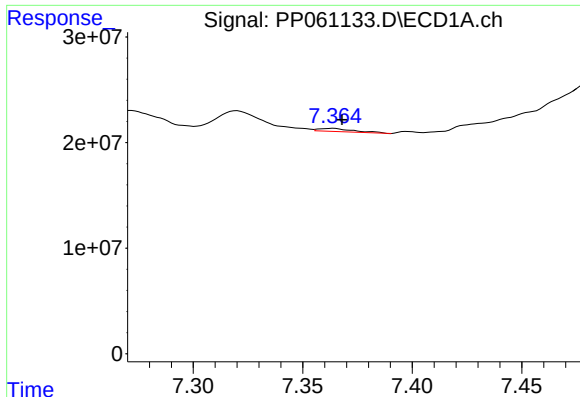
#30 AR-1254-5

R.T.: 7.896 min
Delta R.T.: -0.019 min
Response: 1535609
Conc: 15.46 ng/ml



#30 AR-1254-5

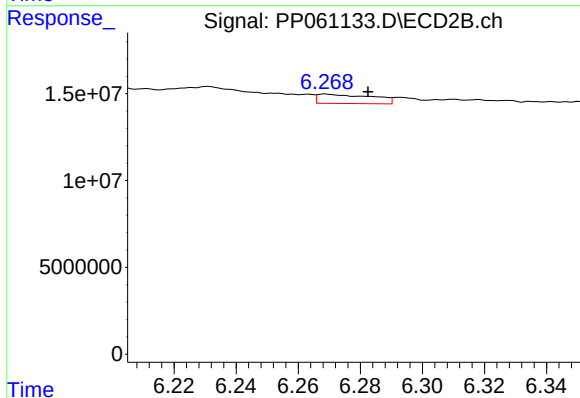
R.T.: 6.816 min
Delta R.T.: 0.013 min
Response: 9054446
Conc: 84.65 ng/ml



#31 AR-1260-1

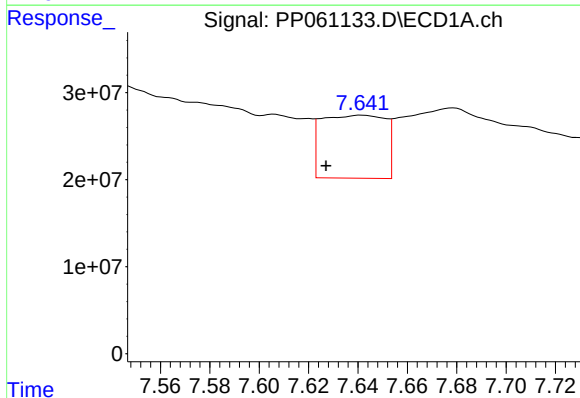
R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 3345167
Conc: 35.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



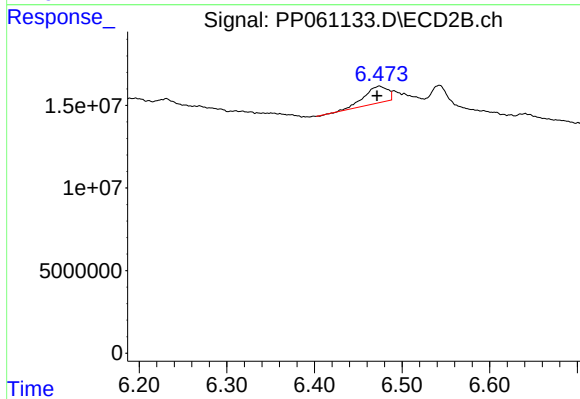
#31 AR-1260-1

R.T.: 6.269 min
Delta R.T.: -0.014 min
Response: 6491492
Conc: 78.45 ng/ml



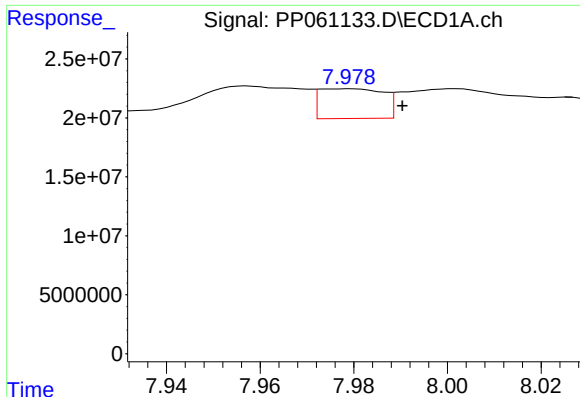
#32 AR-1260-2

R.T.: 7.642 min
Delta R.T.: 0.015 min
Response: 129262579
Conc: 1190.62 ng/ml



#32 AR-1260-2

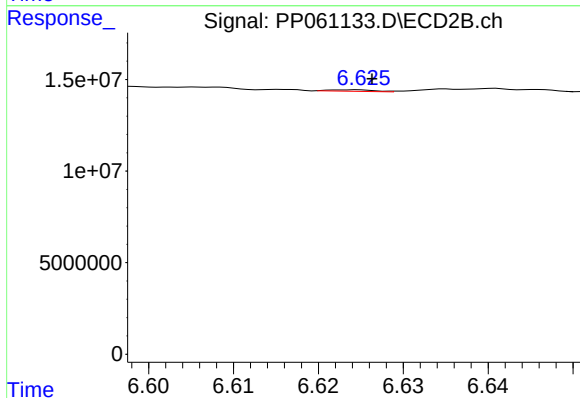
R.T.: 6.474 min
Delta R.T.: 0.003 min
Response: 18872759
Conc: 191.65 ng/ml



#33 AR-1260-3

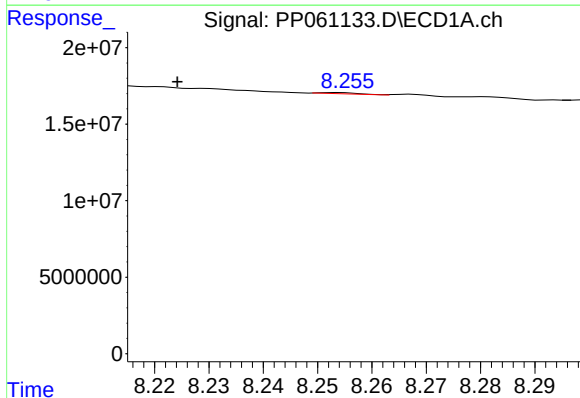
R.T.: 7.979 min
Delta R.T.: -0.011 min
Response: 23828471
Conc: 342.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



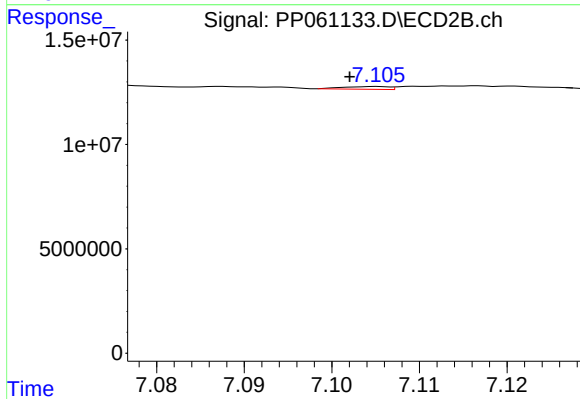
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 284125
Conc: 3.00 ng/ml



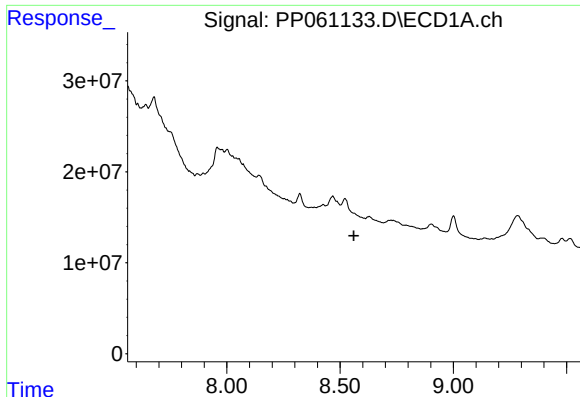
#34 AR-1260-4

R.T.: 8.254 min
Delta R.T.: 0.030 min
Response: 419872
Conc: 4.92 ng/ml



#34 AR-1260-4

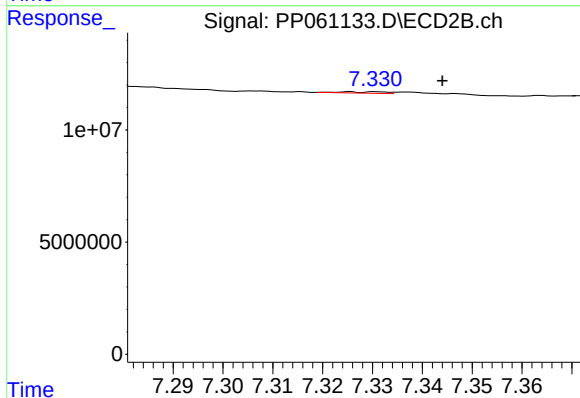
R.T.: 7.105 min
Delta R.T.: 0.003 min
Response: 468153
Conc: 6.53 ng/ml



#35 AR-1260-5

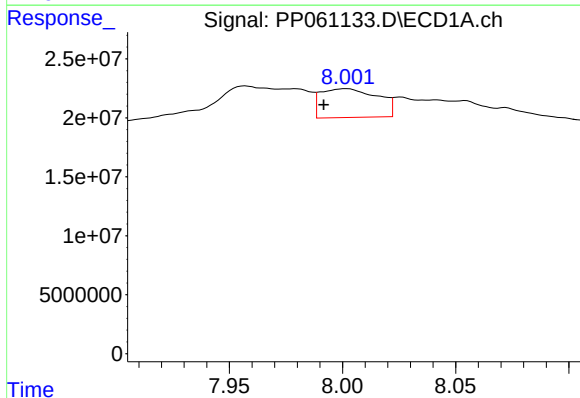
R.T.: 0.000 min
Exp R.T.: 8.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



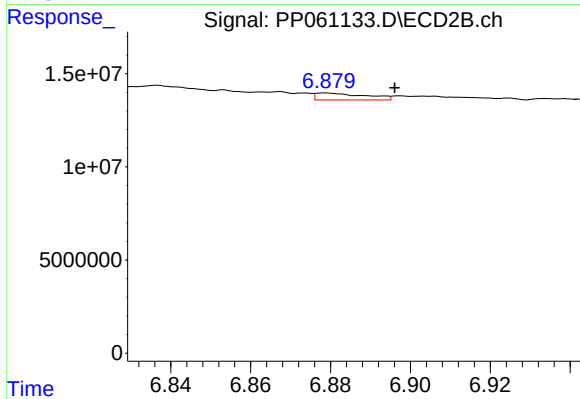
#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.018 min
Response: 399982
Conc: 2.38 ng/ml



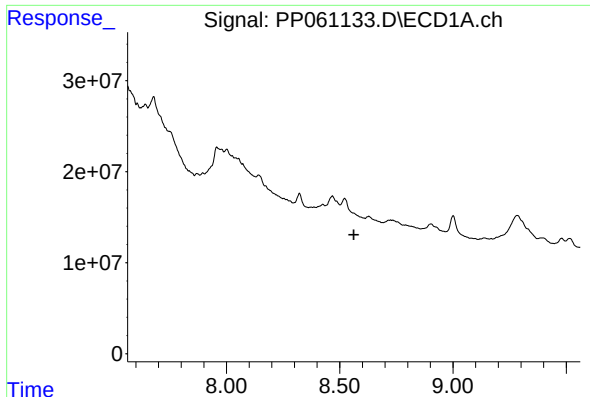
#36 AR-1262-1

R.T.: 8.002 min
Delta R.T.: 0.010 min
Response: 42613088
Conc: 339.27 ng/ml



#36 AR-1262-1

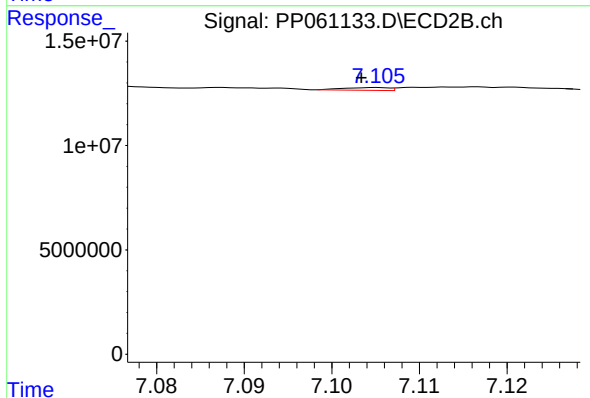
R.T.: 6.879 min
Delta R.T.: -0.017 min
Response: 3179377
Conc: 66.70 ng/ml



#37 AR-1262-2

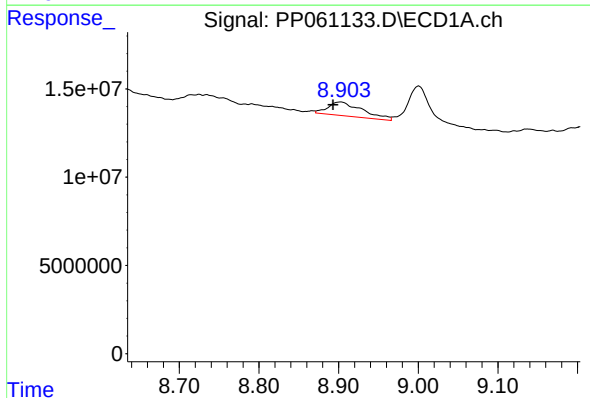
R.T.: 0.000 min
Exp R.T.: 8.562 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



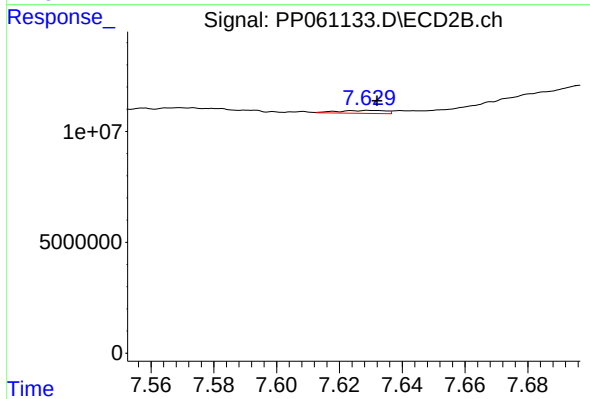
#37 AR-1262-2

R.T.: 7.105 min
Delta R.T.: 0.002 min
Response: 468153
Conc: 4.44 ng/ml



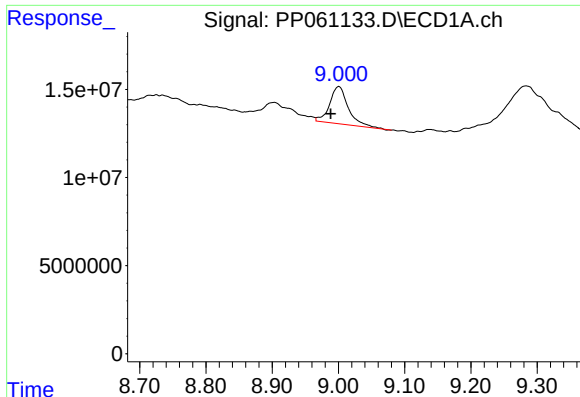
#38 AR-1262-3

R.T.: 8.903 min
Delta R.T.: 0.010 min
Response: 23567529
Conc: 156.94 ng/ml



#38 AR-1262-3

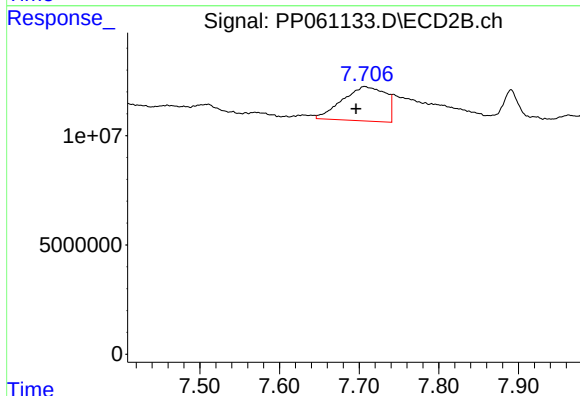
R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 1375842
Conc: 16.43 ng/ml



#39 AR-1262-4

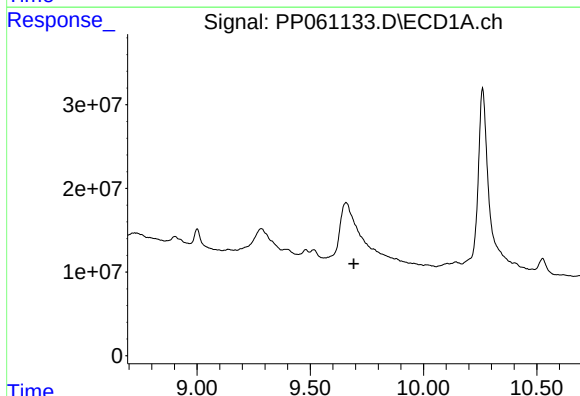
R.T.: 9.001 min
Delta R.T.: 0.012 min
Response: 40504362
Conc: 358.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



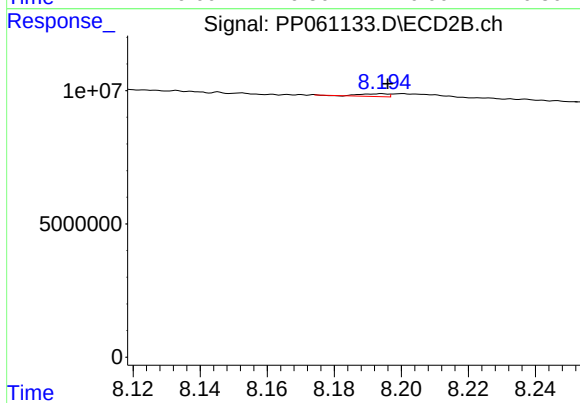
#39 AR-1262-4

R.T.: 7.707 min
Delta R.T.: 0.011 min
Response: 59177082
Conc: 391.34 ng/ml



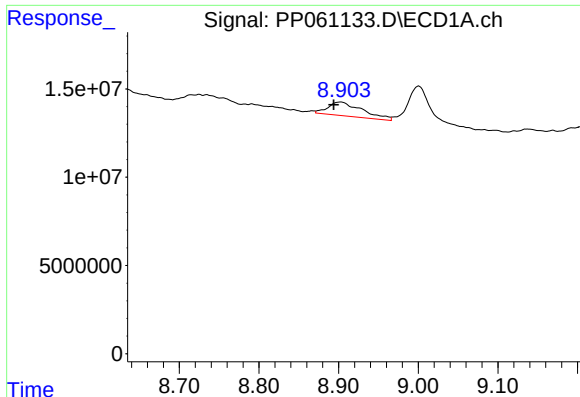
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.693 min
Response: 0
Conc: N.D.



#40 AR-1262-5

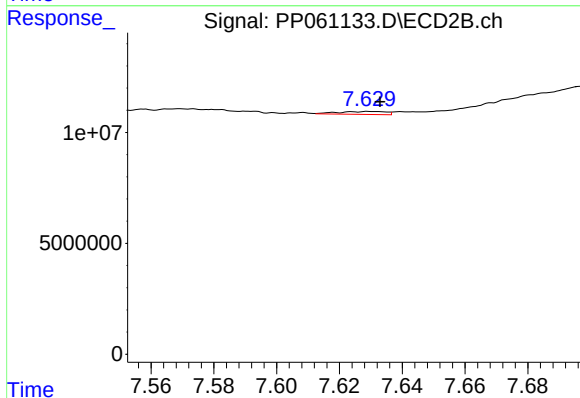
R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 640562
Conc: 9.05 ng/ml



#41 AR-1268-1

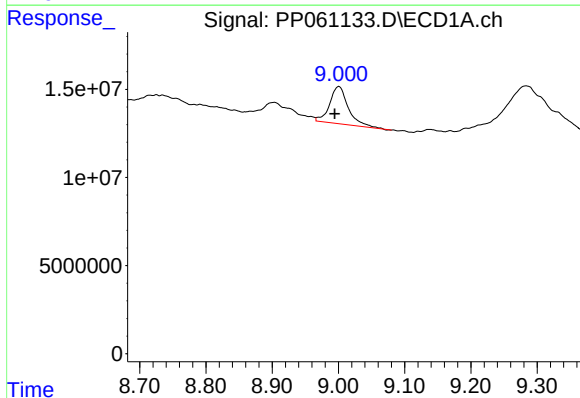
R.T.: 8.903 min
Delta R.T.: 0.009 min
Response: 23567529
Conc: 90.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



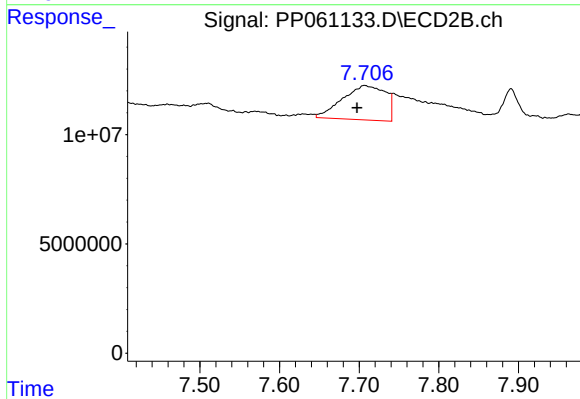
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 1375842
Conc: 5.73 ng/ml



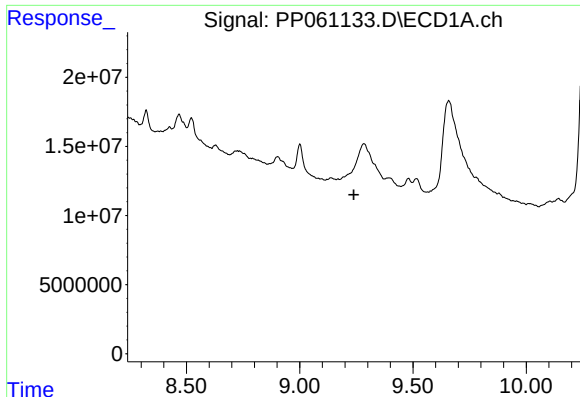
#42 AR-1268-2

R.T.: 9.001 min
Delta R.T.: 0.006 min
Response: 40504362
Conc: 172.75 ng/ml



#42 AR-1268-2

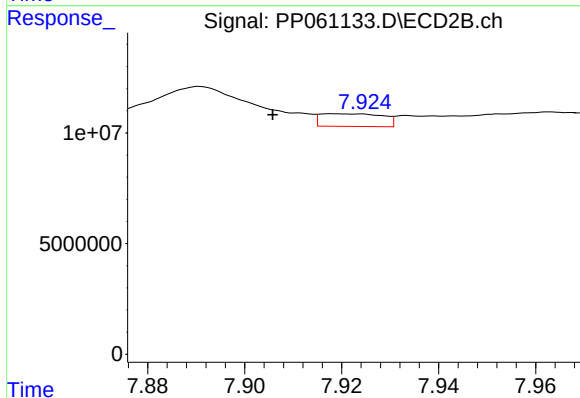
R.T.: 7.707 min
Delta R.T.: 0.009 min
Response: 59177082
Conc: 275.81 ng/ml



#43 AR-1268-3

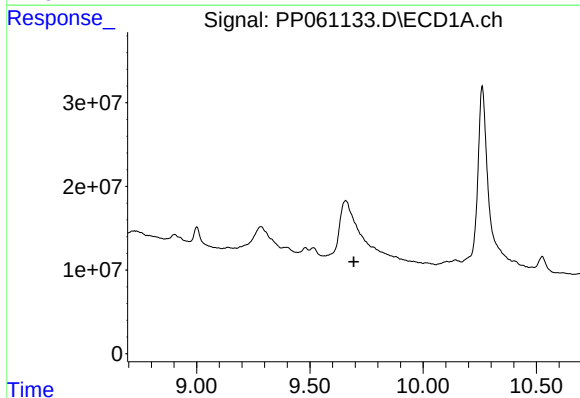
R.T.: 0.000 min
Exp R.T.: 9.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



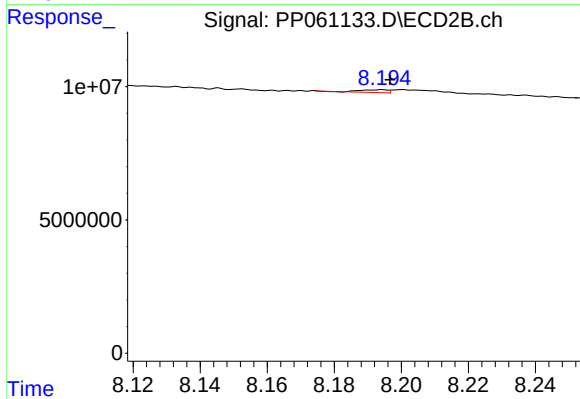
#43 AR-1268-3

R.T.: 7.918 min
Delta R.T.: 0.013 min
Response: 5118475
Conc: 27.02 ng/ml



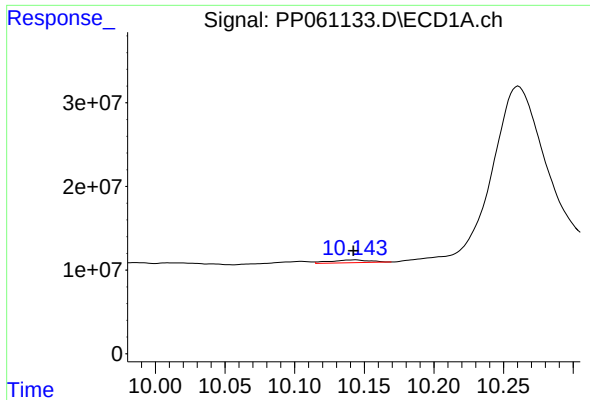
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.694 min
Response: 0
Conc: N.D.



#44 AR-1268-4

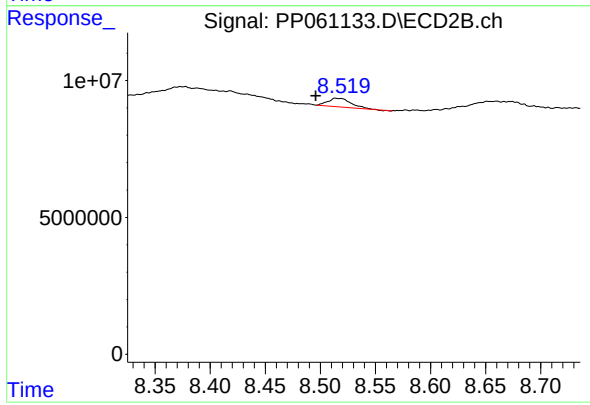
R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 640562
Conc: 8.36 ng/ml



#45 AR-1268-5

R.T.: 10.144 min
Delta R.T.: 0.002 min
Response: 6651234
Conc: 10.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.514 min
Delta R.T.: 0.018 min
Response: 4373981
Conc: 7.92 ng/ml