

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120123\
 Data File : PP062061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 11:03
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:58:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 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...	4.453	3.724	71285934	92628326	54.150	51.478
2)	SA Decachlor...	10.245	8.848	51074772	96934736	49.491	46.966
Target Compounds							
3)	L1 AR-1016-1	5.628	4.837	20304066	25726366	409.751	388.347
4)	L1 AR-1016-2	5.650	4.856	29700819	35894387	398.143	388.540
5)	L1 AR-1016-3	5.712	5.036	19815104	19957817	402.639	393.416
6)	L1 AR-1016-4	5.811	5.078	15537846	18204699	408.796	399.560
7)	L1 AR-1016-5	6.107	5.296	16406062	23703952	426.614	410.025
8)	L2 AR-1221-1	4.658	3.942	2252258	3044035	126.208	120.540
9)	L2 AR-1221-2	4.751	4.031	3533071	4290624	264.918	225.569
10)	L2 AR-1221-3	4.826	4.110	12155324	14934101	305.494	259.216
11)	L3 AR-1232-1	4.826	4.110	12155324	14934101	365.191	317.169
12)	L3 AR-1232-2	5.358	4.856	17020147	35894387	854.393	872.084
13)	L3 AR-1232-3	5.650	5.036	29700819	19957817	874.860	880.971
14)	L3 AR-1232-4	5.811	5.121	15537846	22123994	919.673	968.806
15)	L3 AR-1232-5	5.903	5.296	15005316	23703952	995.667	931.449
16)	L4 AR-1242-1	5.628	4.837	20304066	25726366	510.888	485.533
17)	L4 AR-1242-2	5.650	4.856	29700819	35894387	499.561	492.967
18)	L4 AR-1242-3	5.712	5.036	19815104	19957817	506.745	492.483
19)	L4 AR-1242-4	5.811	5.121	15537846	22123994	512.358	490.184
20)	L4 AR-1242-5	6.552	5.654	15313454	26410816	510.749	504.696
21)	L5 AR-1248-1	5.628	4.837	20304066	25726366	664.488	644.398
22)	L5 AR-1248-2	5.903	5.078	15005316	18204699	306.722	288.220
23)	L5 AR-1248-3	6.107	5.121	16406062	22123994	315.351	337.324
24)	L5 AR-1248-4	6.513	5.296	14412155	23703952	284.341	307.939
25)	L5 AR-1248-5	6.552	5.654	15313454	26410816	296.339	264.284
26)	L6 AR-1254-1	6.484	5.654	11732724	26410816	209.129	242.559
27)	L6 AR-1254-2	6.709	5.804	14129510	9085863	169.458	90.531 #
28)	L6 AR-1254-3	7.073	6.214	6968710	11566556	84.235	74.038
29)	L6 AR-1254-4	7.360	6.446	4139007	7592136	78.927	95.521
30)	L6 AR-1254-5	7.780	6.870	1994714	4390416	31.314	31.110
31)	L7 AR-1260-1	7.239	6.361	1617878	6207696	23.685	53.341 #
32)	L7 AR-1260-2	7.496	6.536	1627070	2287257	21.602	16.787
33)	L7 AR-1260-3	0.000	6.693	0	2517178	N.D.	19.238 #
34)	L7 AR-1260-4	8.070	7.210f	840392	1077869	13.771	10.930
35)	L7 AR-1260-5	8.405	7.414	836456	377783	8.341	1.764 #
36)	L8 AR-1262-1	0.000	6.941f	0	303864	N.D.	4.783 #
37)	L8 AR-1262-2	8.405	0.000	836456	0	7.054	N.D. #
39)	L8 AR-1262-4	0.000	7.763	0	473480	N.D.	2.627 #
42)	L9 AR-1268-2	0.000	7.763	0	473480	N.D.	1.784 #
43)	L9 AR-1268-3	0.000	7.977	0	196230	N.D.	0.808 #
45)	L9 AR-1268-5	0.000	8.577	0	664016	N.D.	0.960 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120123\
Data File : PP062061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2023 11:03
Operator : YP\AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

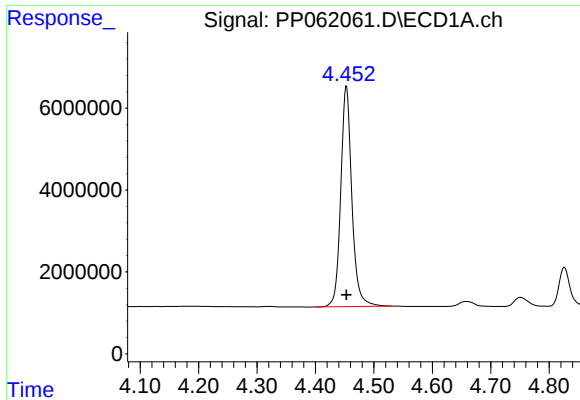
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 11:58:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 28 04:28:00 2023
Response via : Initial Calibration
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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

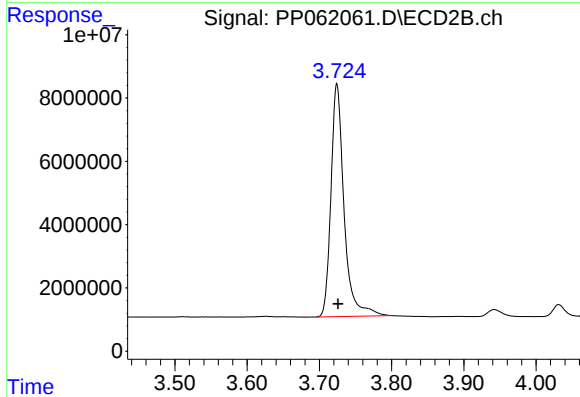
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

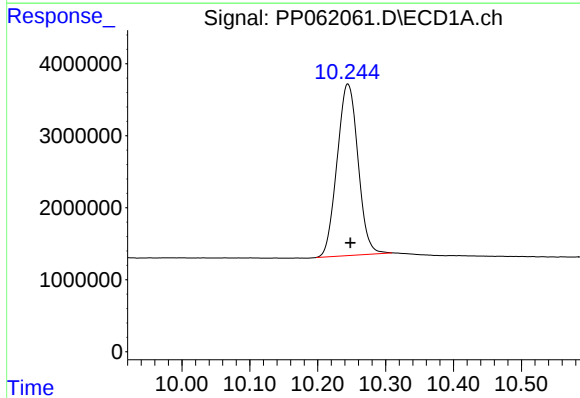
R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 71285934
Conc: 54.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



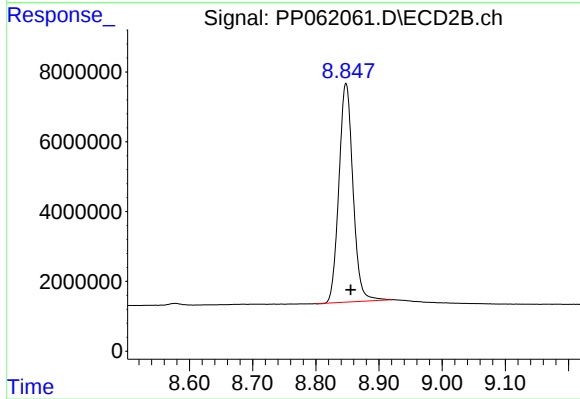
#1 Tetrachloro-m-xylene

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 92628326
Conc: 51.48 ng/ml



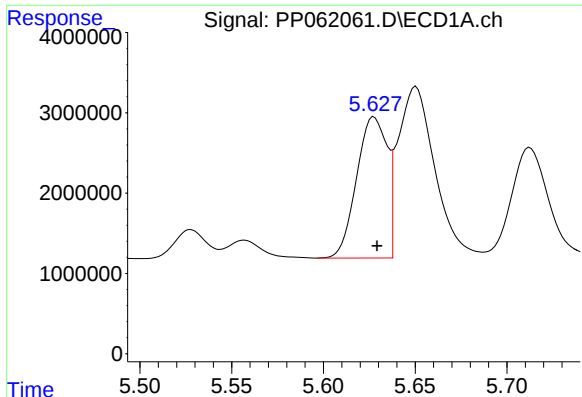
#2 Decachlorobiphenyl

R.T.: 10.245 min
Delta R.T.: -0.004 min
Response: 51074772
Conc: 49.49 ng/ml



#2 Decachlorobiphenyl

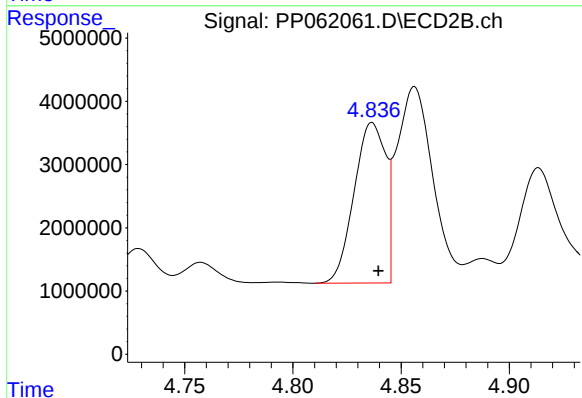
R.T.: 8.848 min
Delta R.T.: -0.008 min
Response: 96934736
Conc: 46.97 ng/ml



#3 AR-1016-1

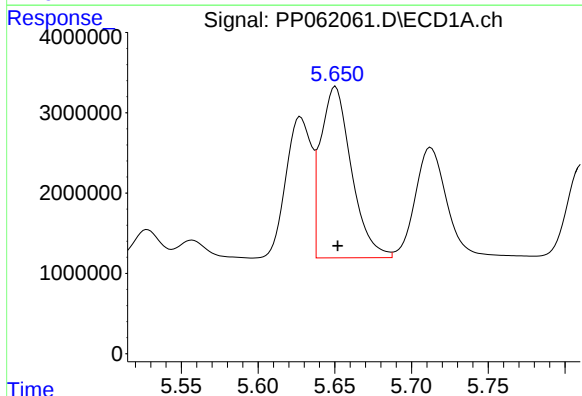
R.T.: 5.628 min
Delta R.T.: -0.002 min
Response: 20304066
Conc: 409.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



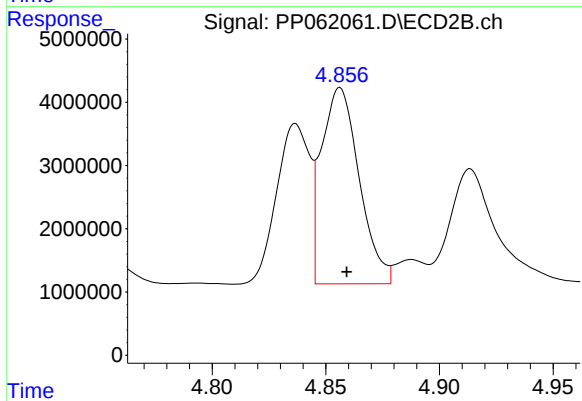
#3 AR-1016-1

R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 25726366
Conc: 388.35 ng/ml



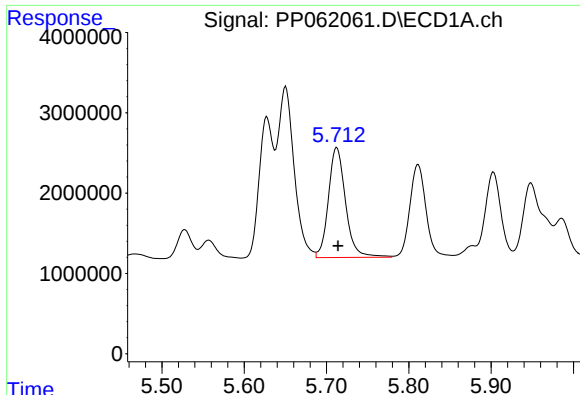
#4 AR-1016-2

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 29700819
Conc: 398.14 ng/ml



#4 AR-1016-2

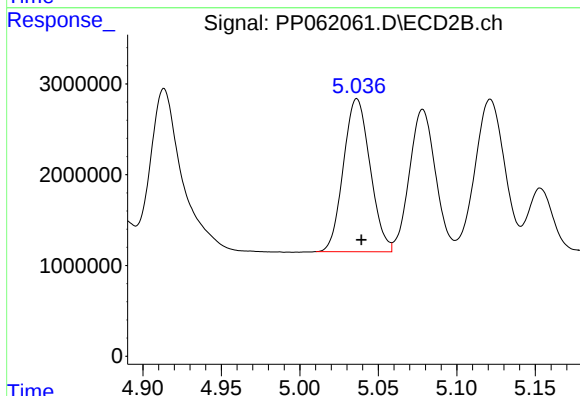
R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 35894387
Conc: 388.54 ng/ml



#5 AR-1016-3

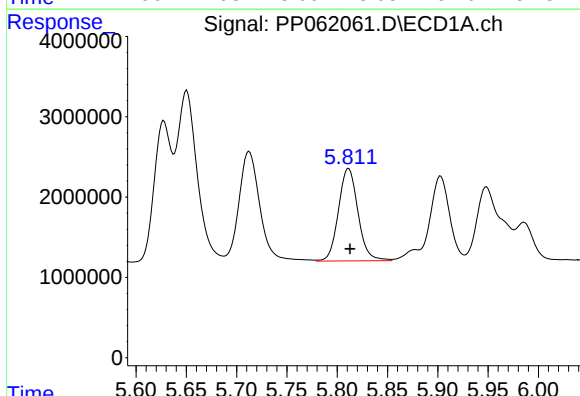
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 19815104
Conc: 402.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



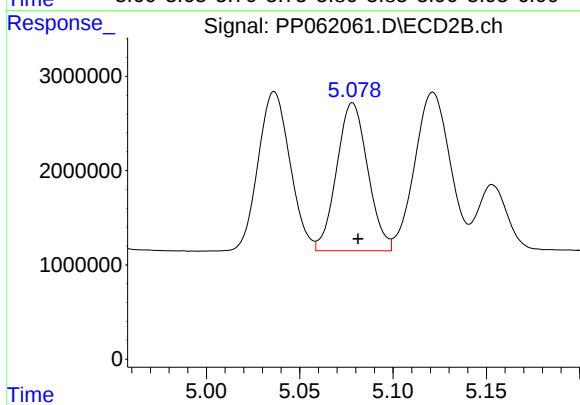
#5 AR-1016-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 19957817
Conc: 393.42 ng/ml



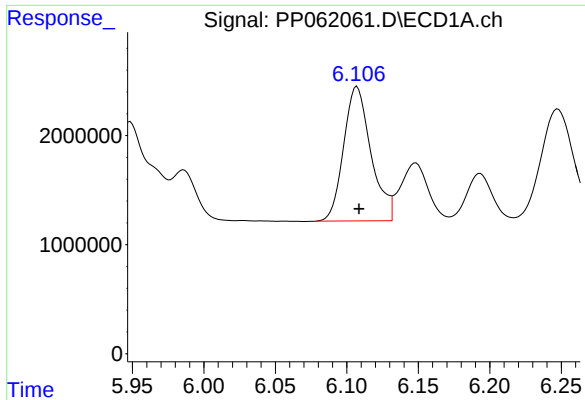
#6 AR-1016-4

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 15537846
Conc: 408.80 ng/ml



#6 AR-1016-4

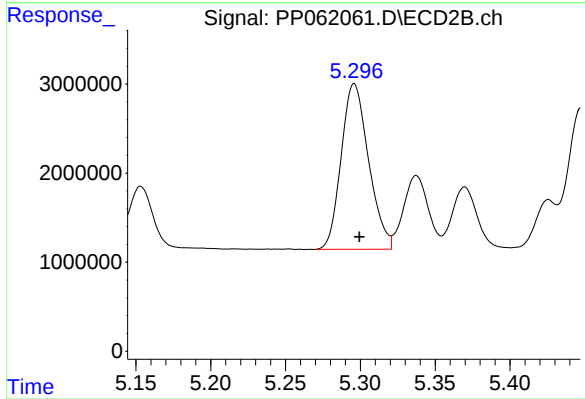
R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 18204699
Conc: 399.56 ng/ml



#7 AR-1016-5

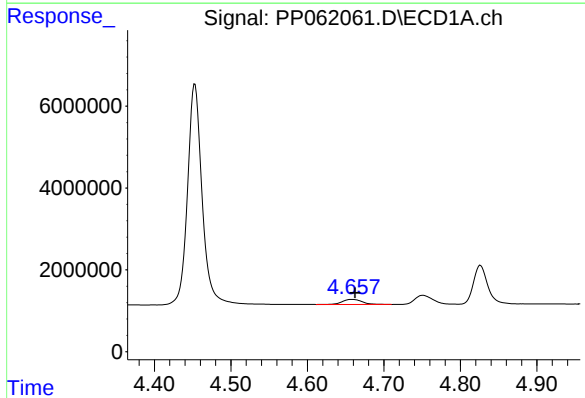
R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 16406062
Conc: 426.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



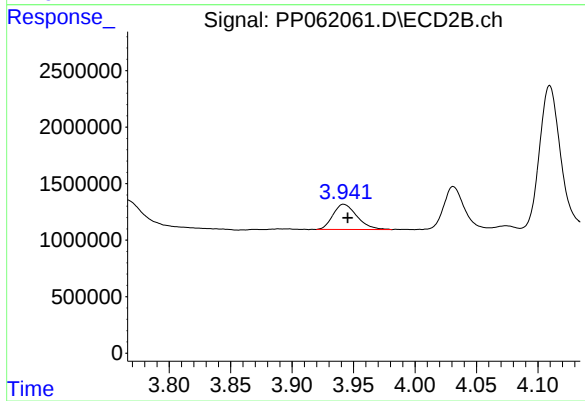
#7 AR-1016-5

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 23703952
Conc: 410.02 ng/ml



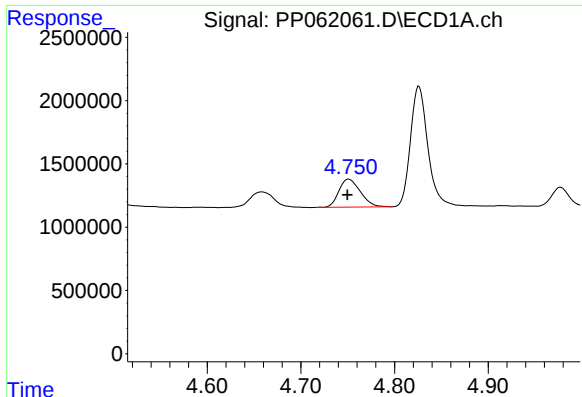
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 2252258
Conc: 126.21 ng/ml



#8 AR-1221-1

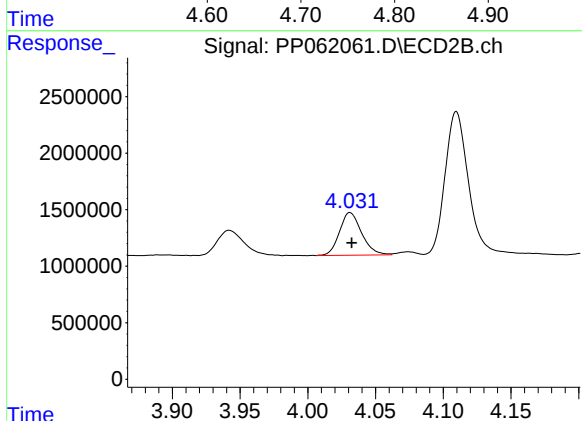
R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 3044035
Conc: 120.54 ng/ml



#9 AR-1221-2

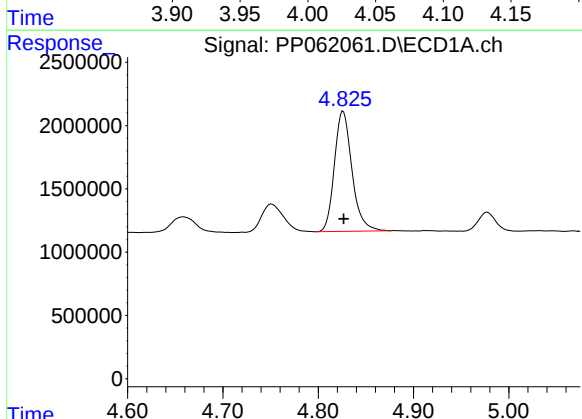
R.T.: 4.751 min
Delta R.T.: 0.001 min
Response: 3533071
Conc: 264.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



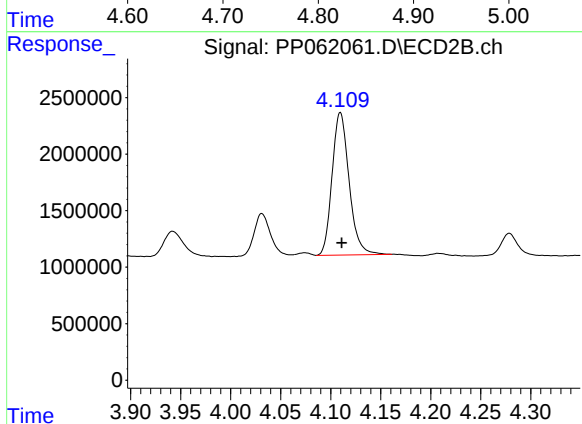
#9 AR-1221-2

R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 4290624
Conc: 225.57 ng/ml



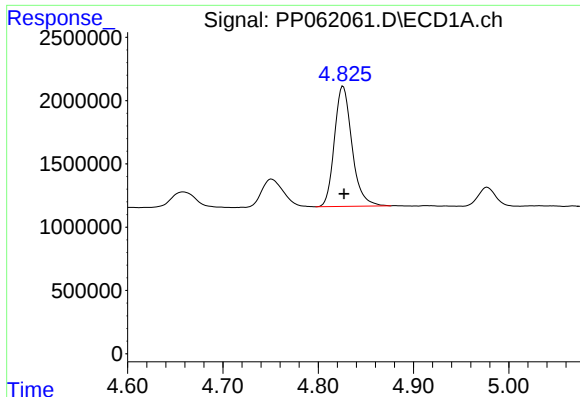
#10 AR-1221-3

R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 12155324
Conc: 305.49 ng/ml



#10 AR-1221-3

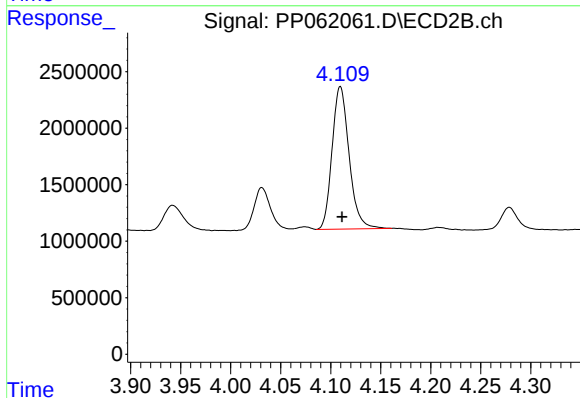
R.T.: 4.110 min
Delta R.T.: -0.001 min
Response: 14934101
Conc: 259.22 ng/ml



#11 AR-1232-1

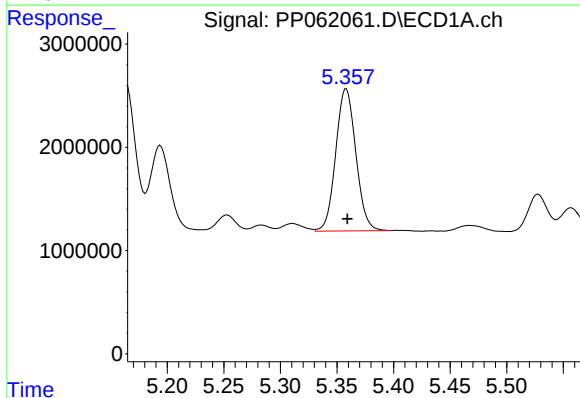
R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 12155324
Conc: 365.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



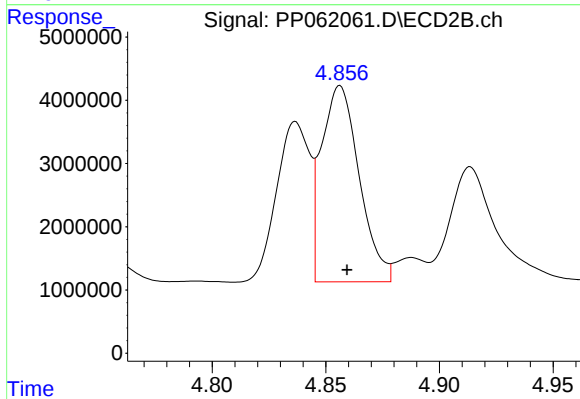
#11 AR-1232-1

R.T.: 4.110 min
Delta R.T.: -0.002 min
Response: 14934101
Conc: 317.17 ng/ml



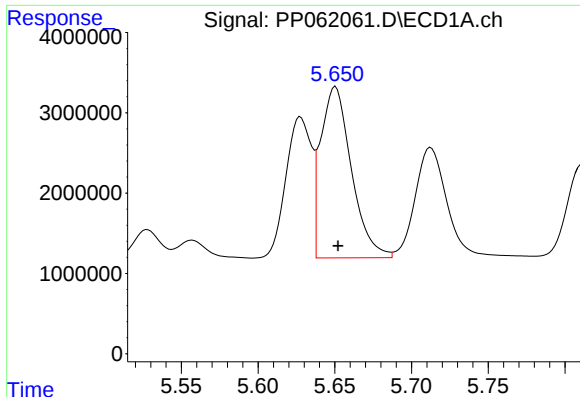
#12 AR-1232-2

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 17020147
Conc: 854.39 ng/ml



#12 AR-1232-2

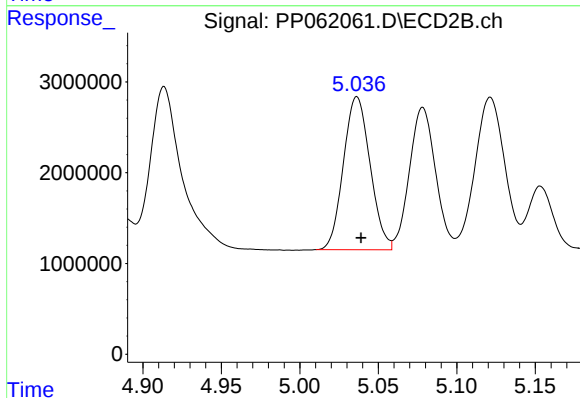
R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 35894387
Conc: 872.08 ng/ml



#13 AR-1232-3

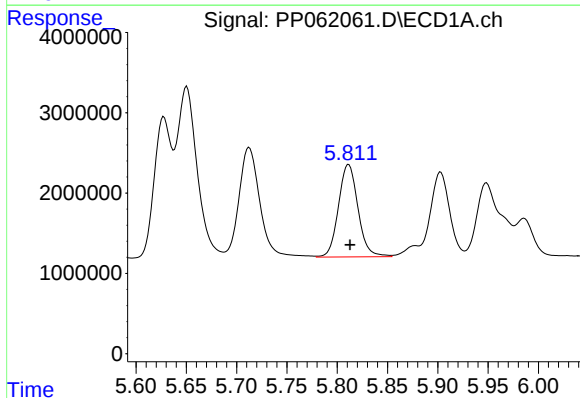
R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 29700819
Conc: 874.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



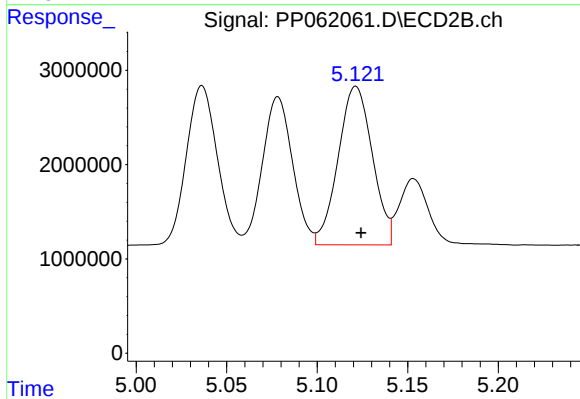
#13 AR-1232-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 19957817
Conc: 880.97 ng/ml



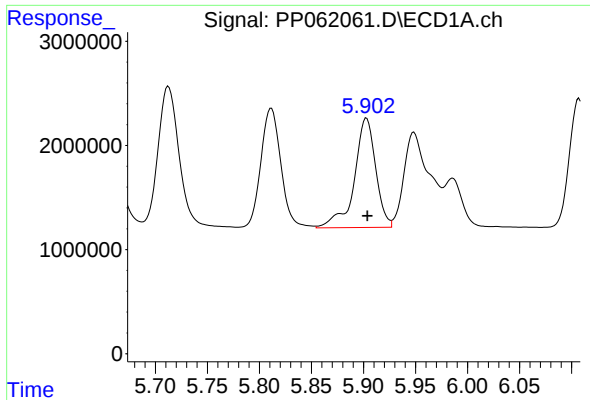
#14 AR-1232-4

R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 15537846
Conc: 919.67 ng/ml



#14 AR-1232-4

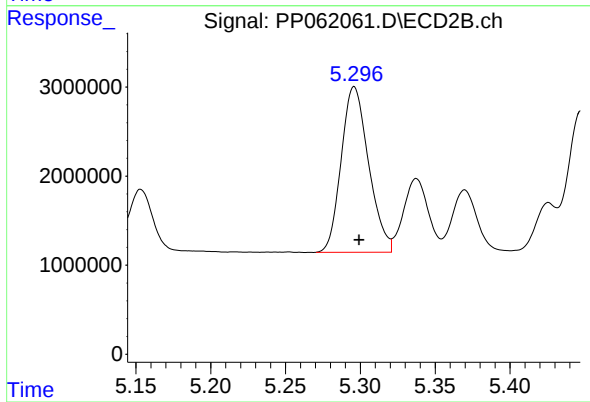
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 22123994
Conc: 968.81 ng/ml



#15 AR-1232-5

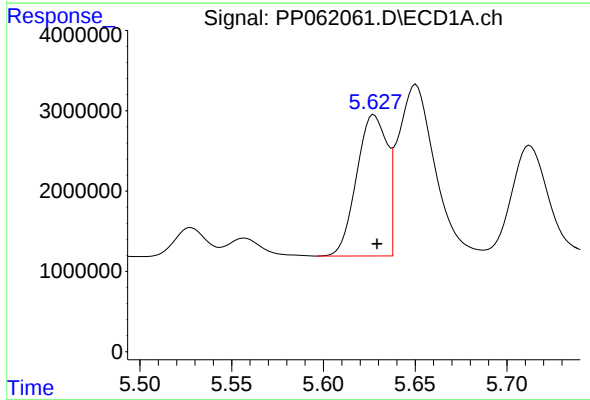
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 15005316
Conc: 995.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



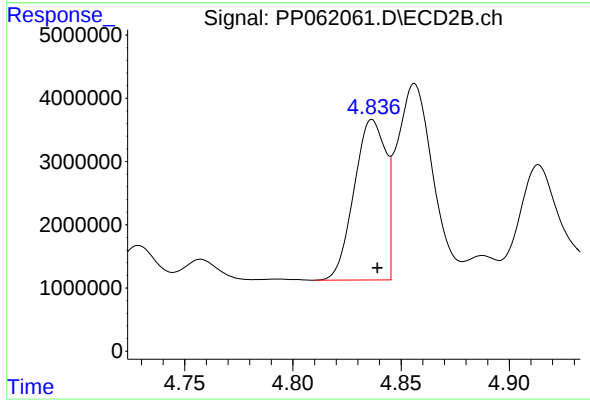
#15 AR-1232-5

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 23703952
Conc: 931.45 ng/ml



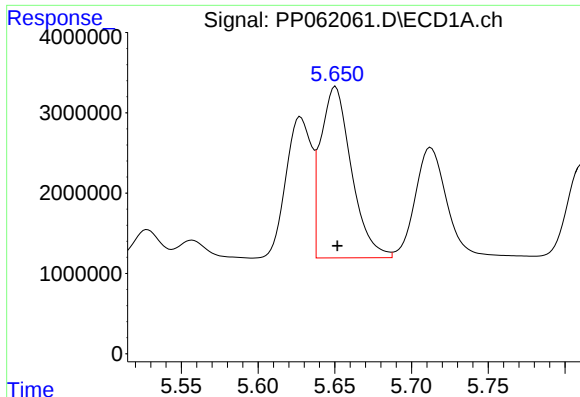
#16 AR-1242-1

R.T.: 5.628 min
Delta R.T.: -0.002 min
Response: 20304066
Conc: 510.89 ng/ml



#16 AR-1242-1

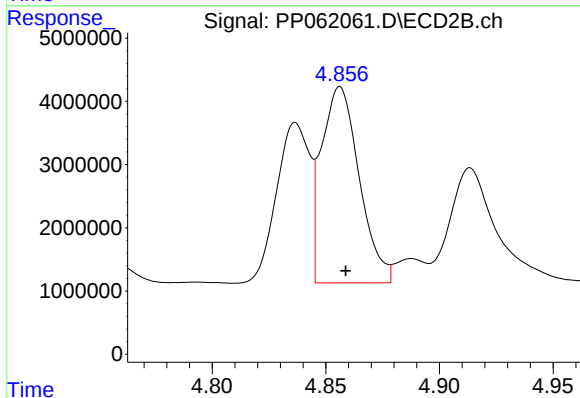
R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 25726366
Conc: 485.53 ng/ml



#17 AR-1242-2

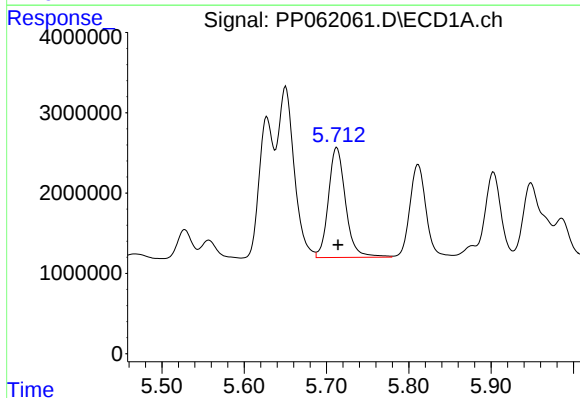
R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 29700819
Conc: 499.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



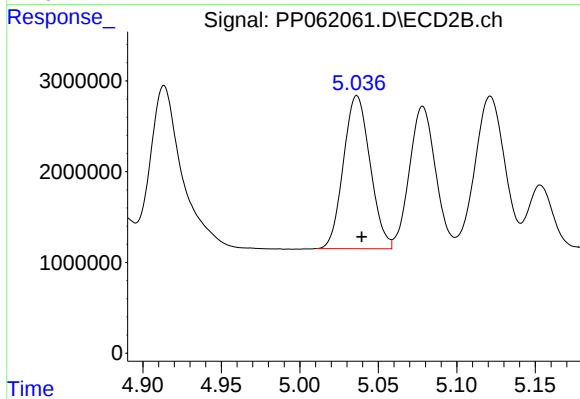
#17 AR-1242-2

R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 35894387
Conc: 492.97 ng/ml



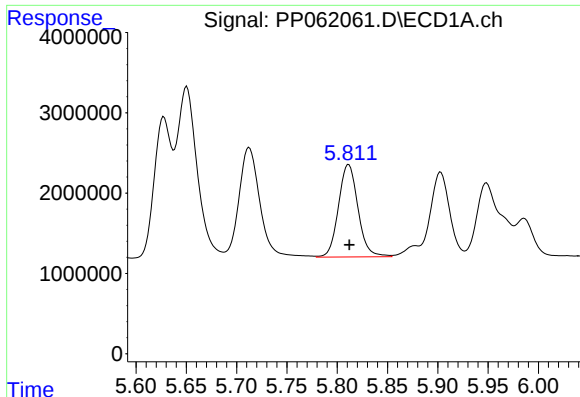
#18 AR-1242-3

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 19815104
Conc: 506.75 ng/ml



#18 AR-1242-3

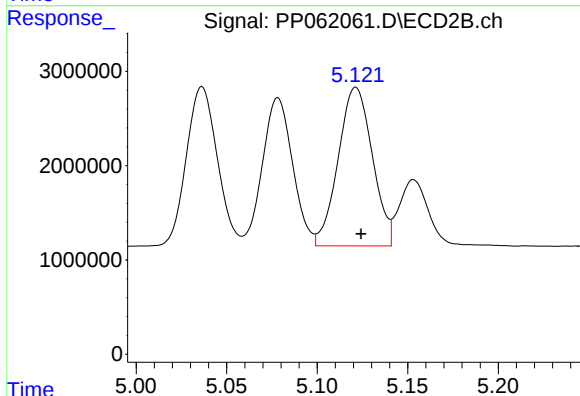
R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 19957817
Conc: 492.48 ng/ml



#19 AR-1242-4

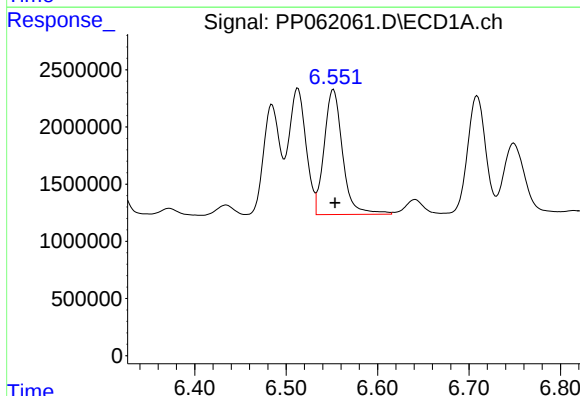
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 15537846
Conc: 512.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



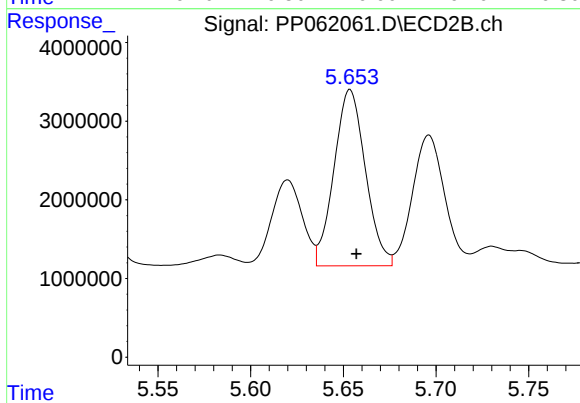
#19 AR-1242-4

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 22123994
Conc: 490.18 ng/ml



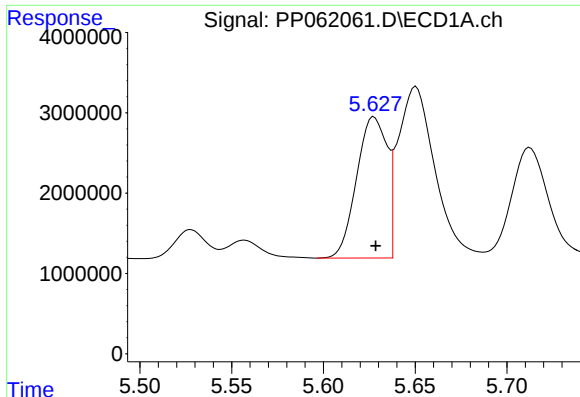
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 15313454
Conc: 510.75 ng/ml



#20 AR-1242-5

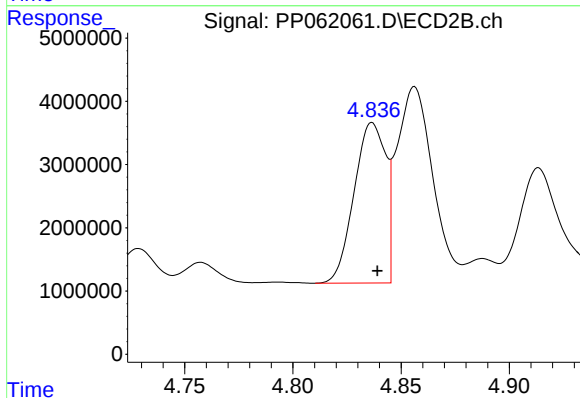
R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 26410816
Conc: 504.70 ng/ml



#21 AR-1248-1

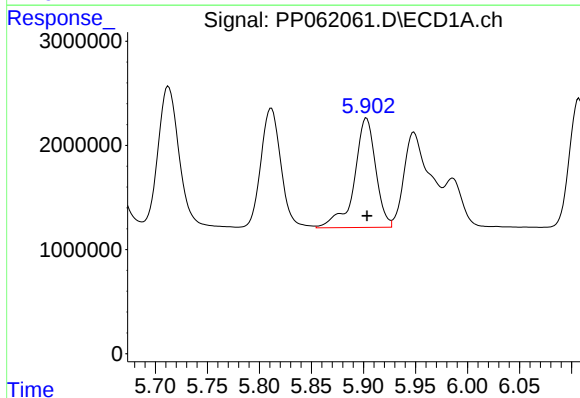
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 20304066
Conc: 664.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



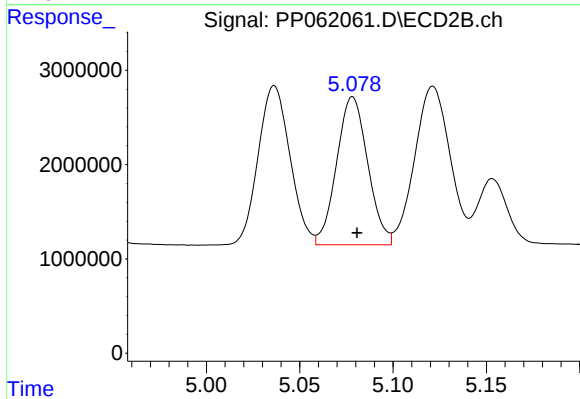
#21 AR-1248-1

R.T.: 4.837 min
Delta R.T.: -0.002 min
Response: 25726366
Conc: 644.40 ng/ml



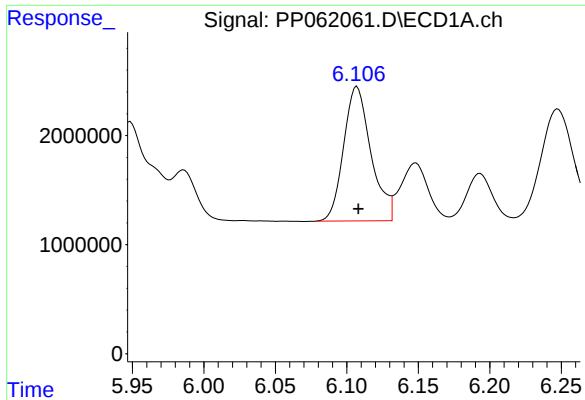
#22 AR-1248-2

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 15005316
Conc: 306.72 ng/ml



#22 AR-1248-2

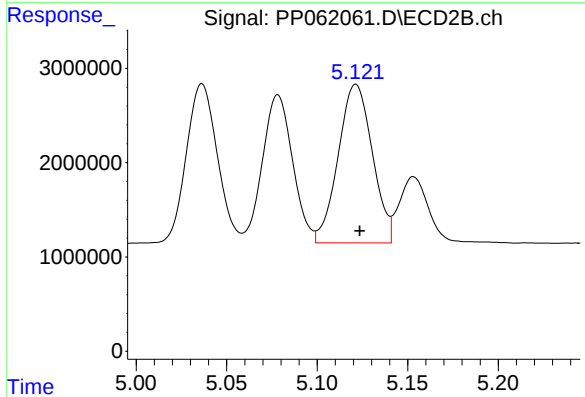
R.T.: 5.078 min
Delta R.T.: -0.002 min
Response: 18204699
Conc: 288.22 ng/ml



#23 AR-1248-3

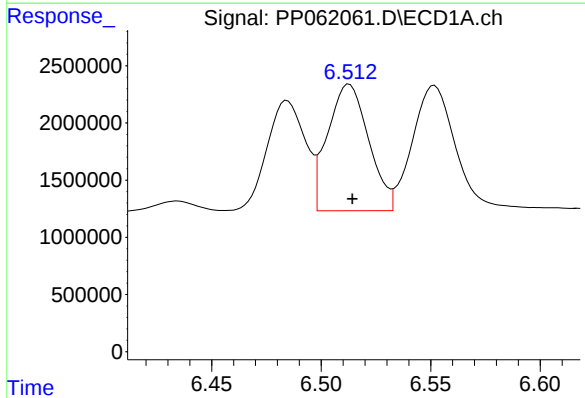
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 16406062
Conc: 315.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



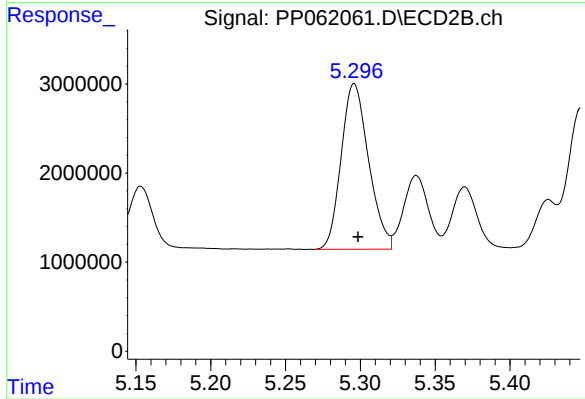
#23 AR-1248-3

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 22123994
Conc: 337.32 ng/ml



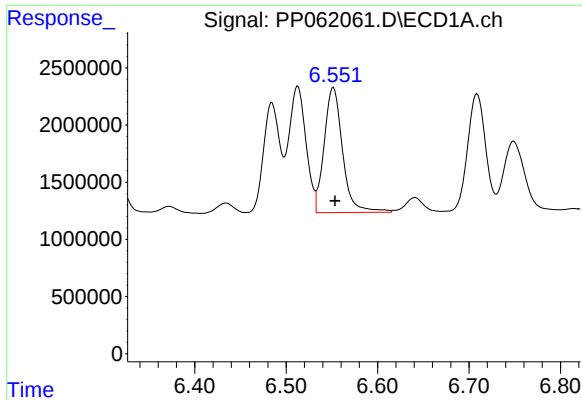
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: -0.001 min
Response: 14412155
Conc: 284.34 ng/ml



#24 AR-1248-4

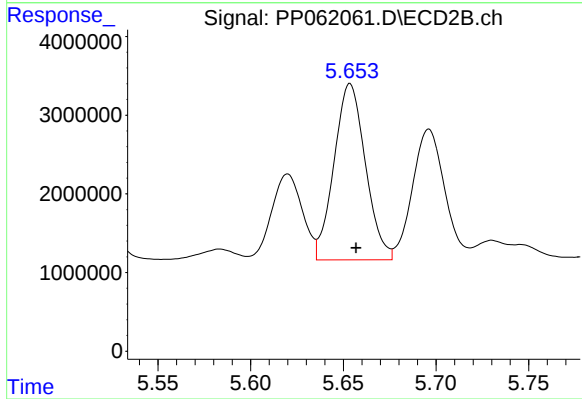
R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 23703952
Conc: 307.94 ng/ml



#25 AR-1248-5

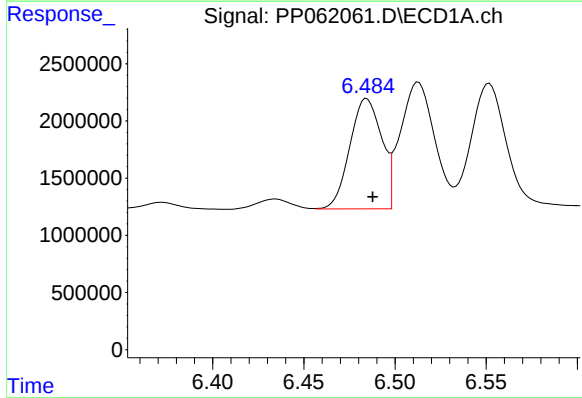
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 15313454
Conc: 296.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



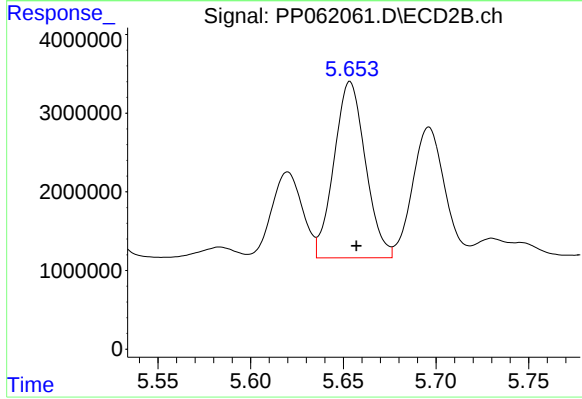
#25 AR-1248-5

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 26410816
Conc: 264.28 ng/ml



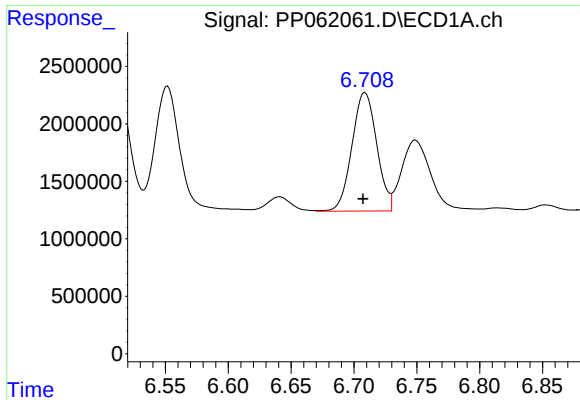
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 11732724
Conc: 209.13 ng/ml



#26 AR-1254-1

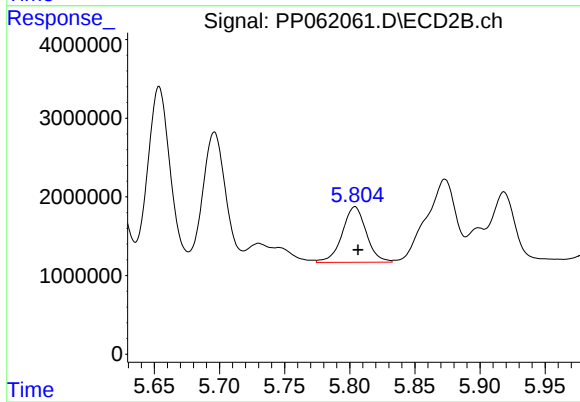
R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 26410816
Conc: 242.56 ng/ml



#27 AR-1254-2

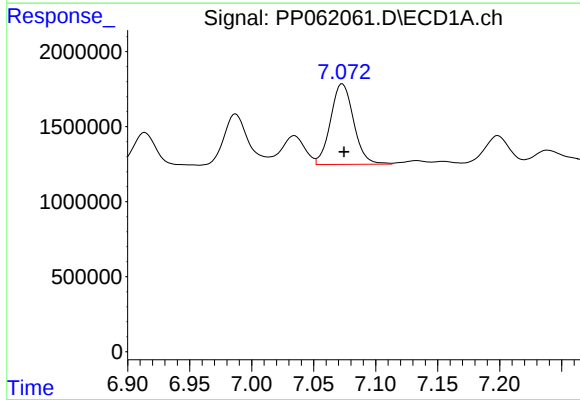
R.T.: 6.709 min
Delta R.T.: 0.002 min
Response: 14129510
Conc: 169.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



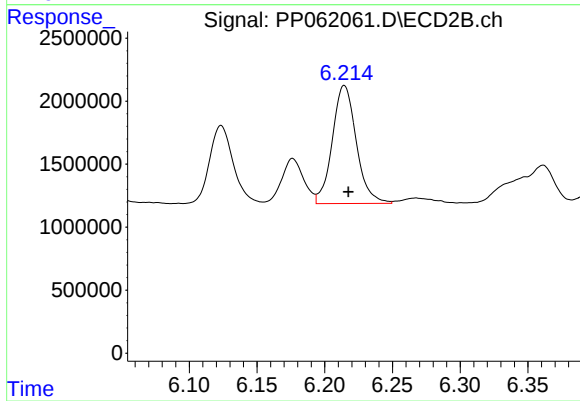
#27 AR-1254-2

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 9085863
Conc: 90.53 ng/ml



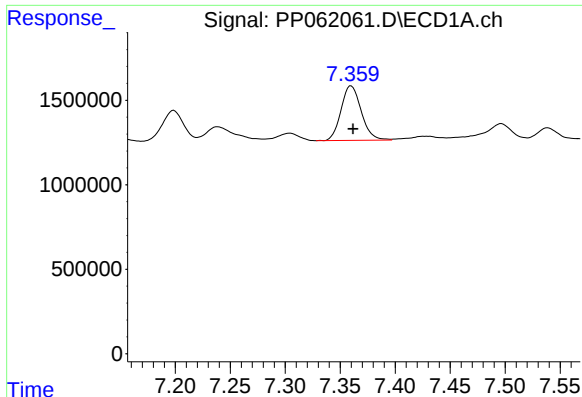
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 6968710
Conc: 84.24 ng/ml



#28 AR-1254-3

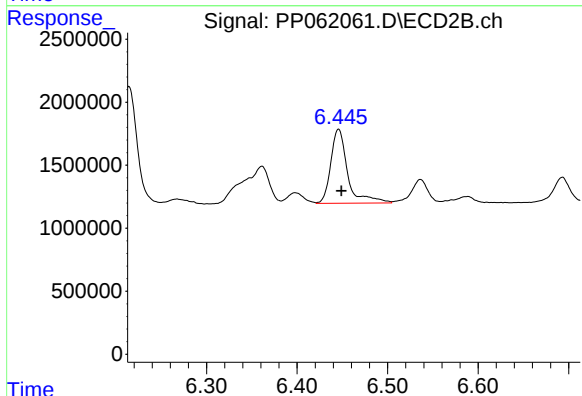
R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 11566556
Conc: 74.04 ng/ml



#29 AR-1254-4

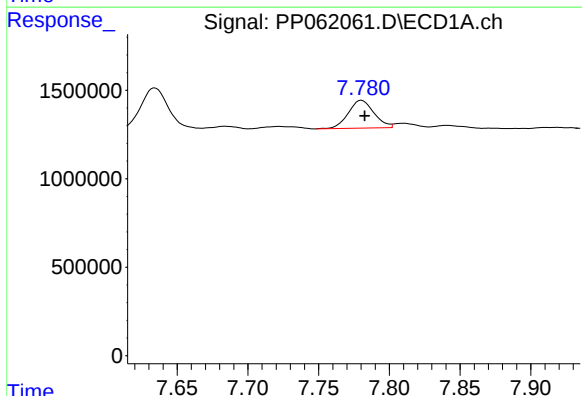
R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 4139007
Conc: 78.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



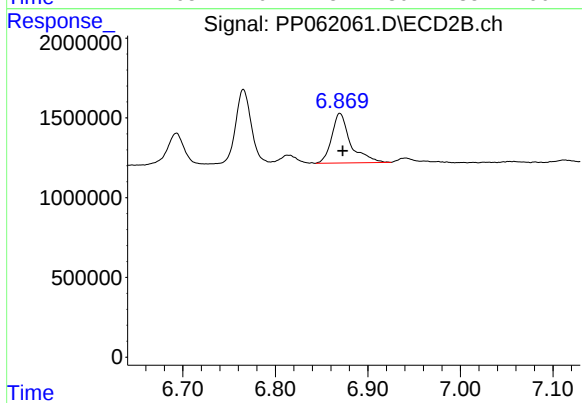
#29 AR-1254-4

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 7592136
Conc: 95.52 ng/ml



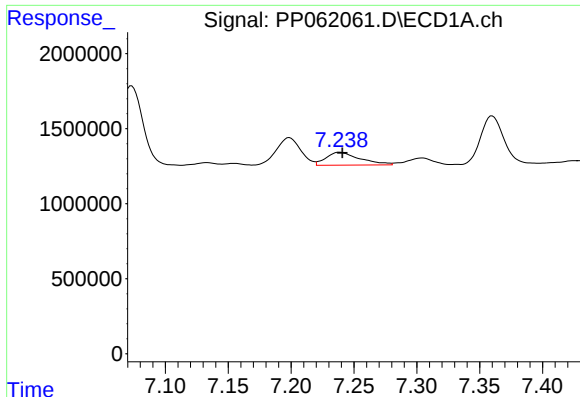
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: -0.002 min
Response: 1994714
Conc: 31.31 ng/ml



#30 AR-1254-5

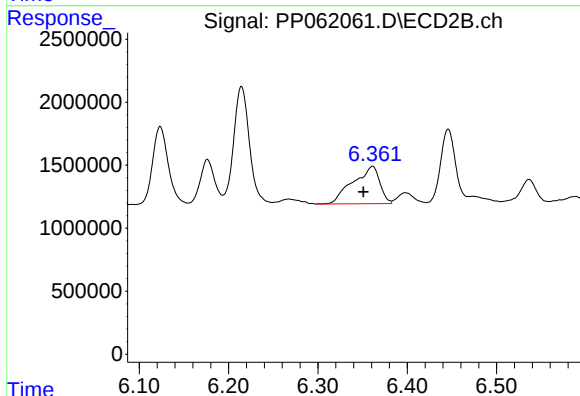
R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 4390416
Conc: 31.11 ng/ml



#31 AR-1260-1

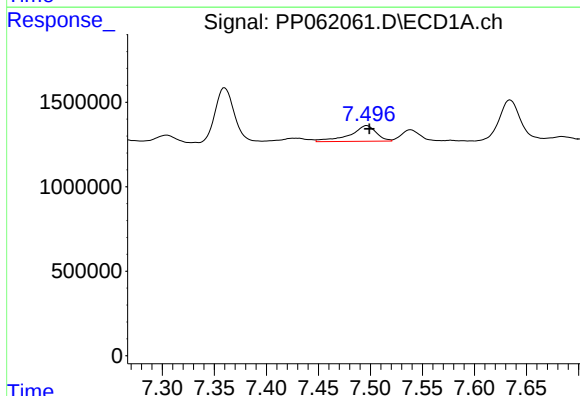
R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 1617878
Conc: 23.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



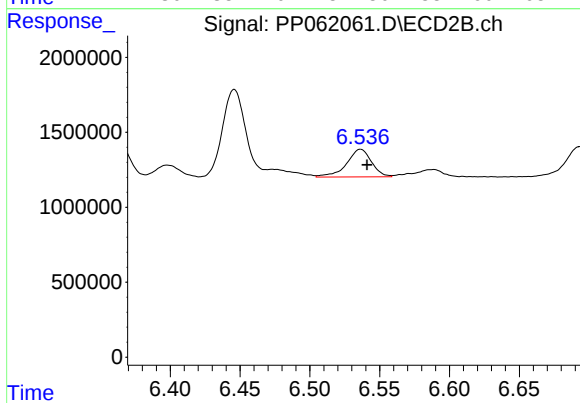
#31 AR-1260-1

R.T.: 6.361 min
Delta R.T.: 0.010 min
Response: 6207696
Conc: 53.34 ng/ml



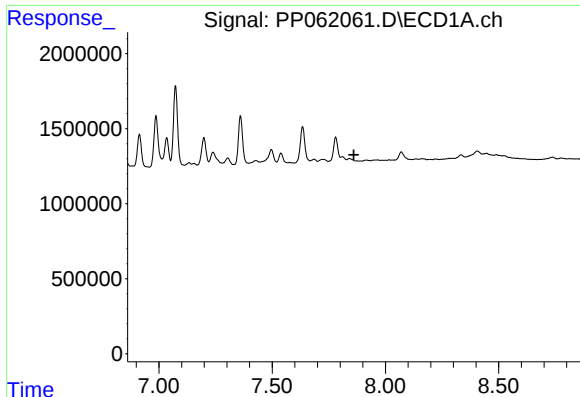
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 1627070
Conc: 21.60 ng/ml



#32 AR-1260-2

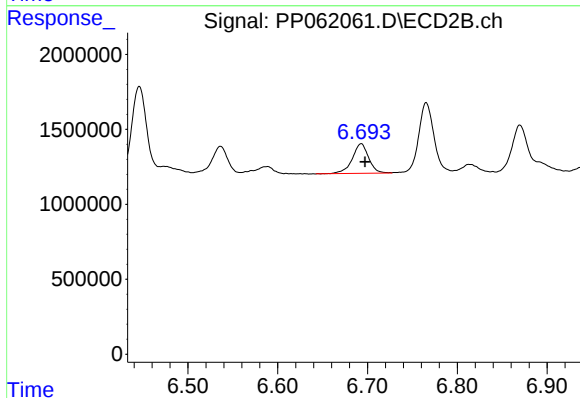
R.T.: 6.536 min
Delta R.T.: -0.005 min
Response: 2287257
Conc: 16.79 ng/ml



#33 AR-1260-3

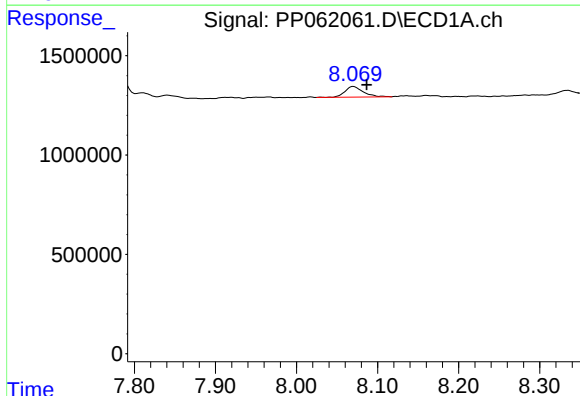
R.T.: 0.000 min
Exp R.T.: 7.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



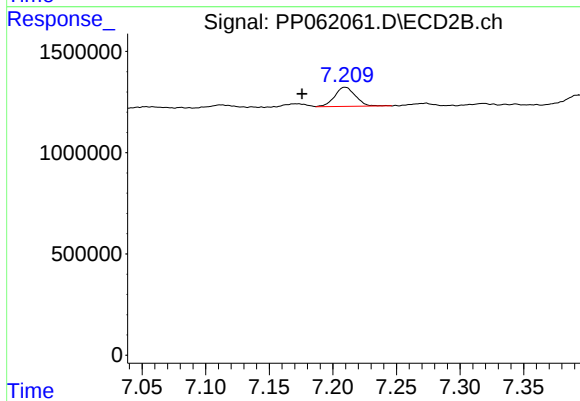
#33 AR-1260-3

R.T.: 6.693 min
Delta R.T.: -0.004 min
Response: 2517178
Conc: 19.24 ng/ml



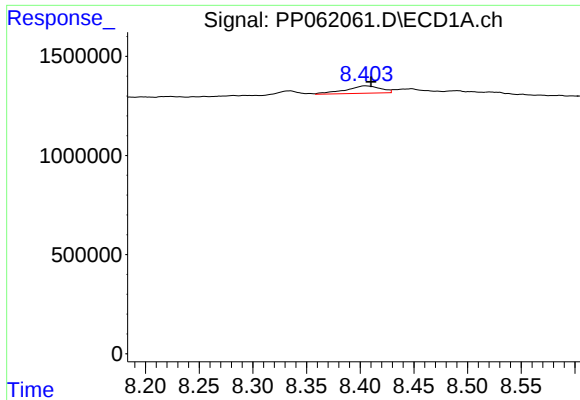
#34 AR-1260-4

R.T.: 8.070 min
Delta R.T.: -0.017 min
Response: 840392
Conc: 13.77 ng/ml



#34 AR-1260-4

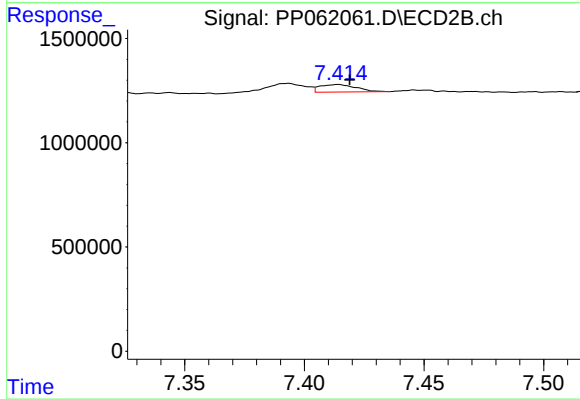
R.T.: 7.210 min
Delta R.T.: 0.034 min
Response: 1077869
Conc: 10.93 ng/ml



#35 AR-1260-5

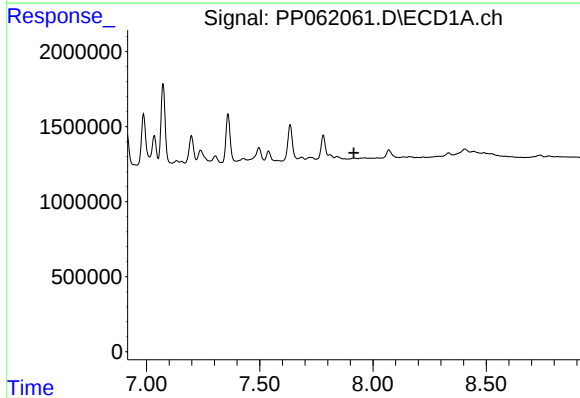
R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 836456
Conc: 8.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



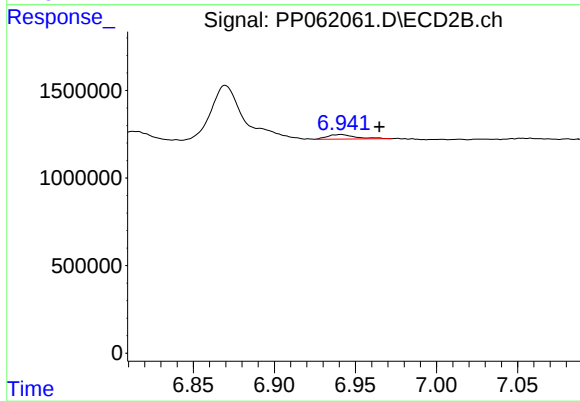
#35 AR-1260-5

R.T.: 7.414 min
Delta R.T.: -0.005 min
Response: 377783
Conc: 1.76 ng/ml



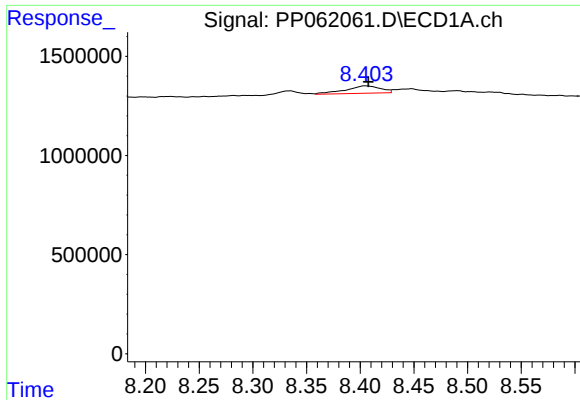
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.916 min
Response: 0
Conc: N.D.



#36 AR-1262-1

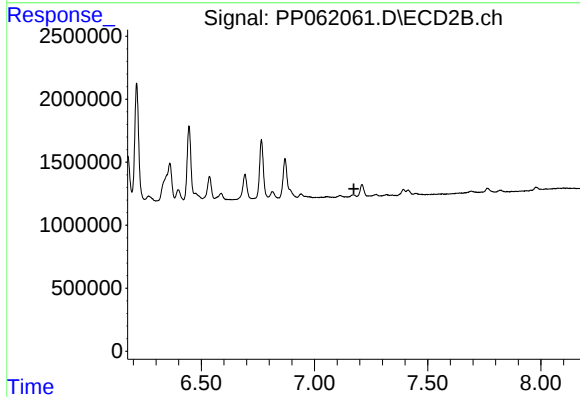
R.T.: 6.941 min
Delta R.T.: -0.024 min
Response: 303864
Conc: 4.78 ng/ml



#37 AR-1262-2

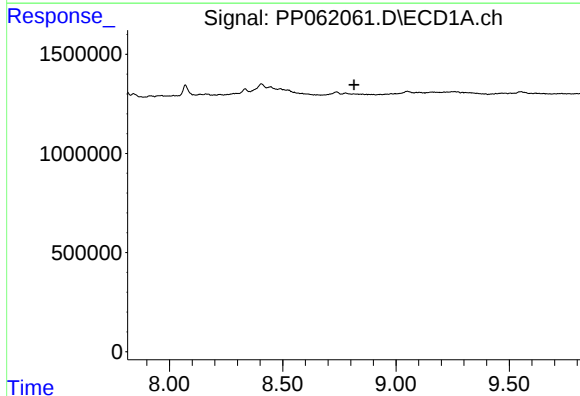
R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 836456
Conc: 7.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



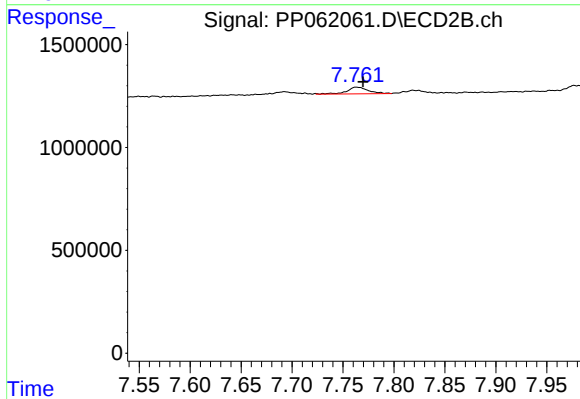
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.174 min
Response: 0
Conc: N.D.



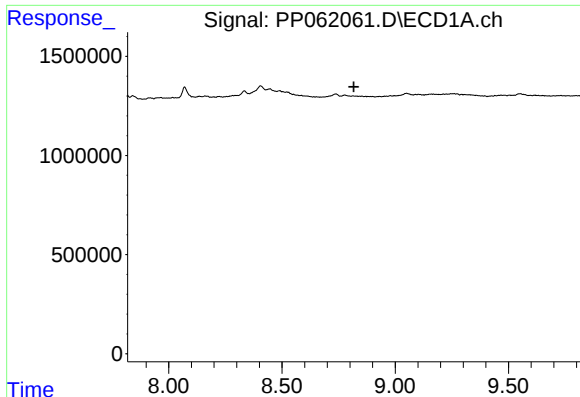
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.815 min
Response: 0
Conc: N.D.



#39 AR-1262-4

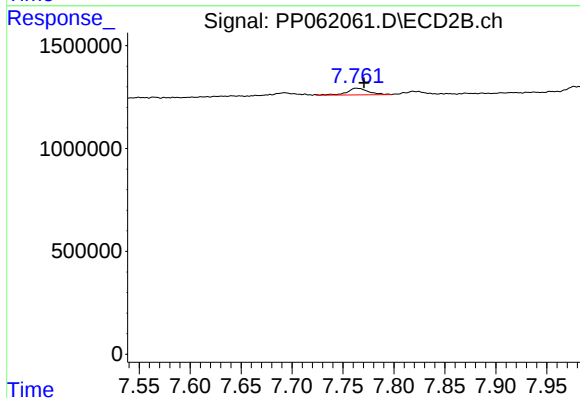
R.T.: 7.763 min
Delta R.T.: -0.007 min
Response: 473480
Conc: 2.63 ng/ml



#42 AR-1268-2

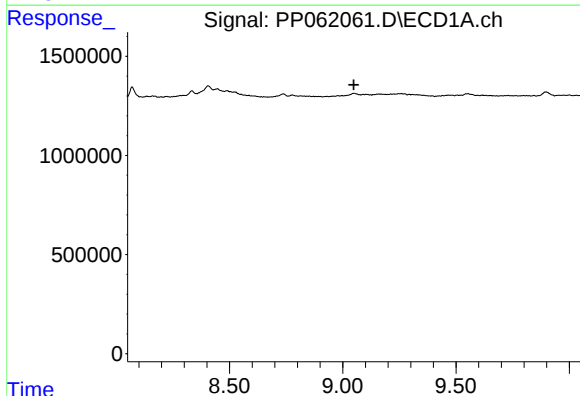
R.T.: 0.000 min
Exp R.T.: 8.817 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



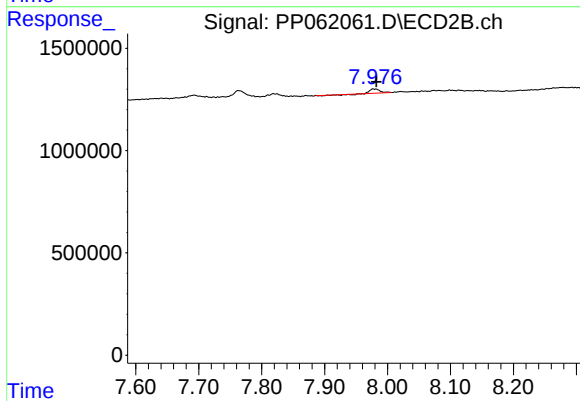
#42 AR-1268-2

R.T.: 7.763 min
Delta R.T.: -0.008 min
Response: 473480
Conc: 1.78 ng/ml



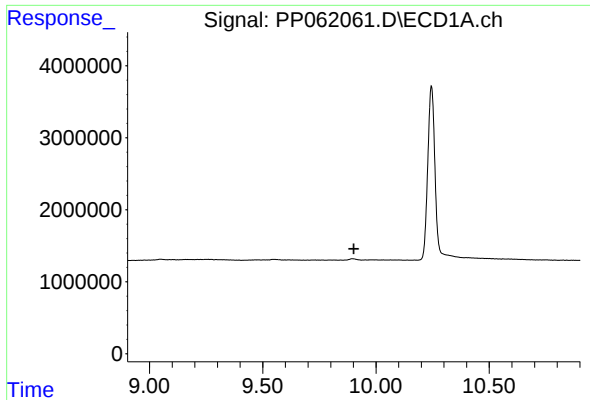
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.049 min
Response: 0
Conc: N.D.



#43 AR-1268-3

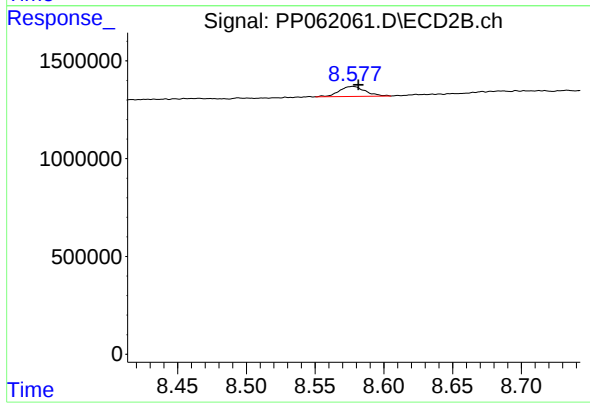
R.T.: 7.977 min
Delta R.T.: -0.005 min
Response: 196230
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.903 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.577 min
Delta R.T.: -0.004 min
Response: 664016
Conc: 0.96 ng/ml