

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 18:10
 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: Sep 20 01:12:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.510	3.668	89700468	69326821	43.119	42.561
2)	SA Decachlor...	10.433	8.749	70450650	70096899	46.187	46.294
Target Compounds							
3)	L1 AR-1016-1	5.698	4.771	24622805	21986848	364.917	365.743
4)	L1 AR-1016-2	5.722	4.791	34270994	30038129	358.254	361.897
5)	L1 AR-1016-3	5.785	4.968	21617959	16812714	363.187	374.790
6)	L1 AR-1016-4	5.884	5.011	17670040	13037436	360.862	369.554
7)	L1 AR-1016-5	6.183	5.227	19103523	17741442	388.537	381.565
8)	L2 AR-1221-1	4.718	3.886	3235689	2743425	121.720	124.901
9)	L2 AR-1221-2	4.809	3.974	4636873	3370699	235.577	218.325
10)	L2 AR-1221-3	4.886	4.051	15468309	12079077	270.809	257.532
11)	L3 AR-1232-1	4.886	4.051	15468309	12079077	331.549	317.757
12)	L3 AR-1232-2	5.426	4.791	20370204	30038129	802.017	814.635
13)	L3 AR-1232-3	5.722	4.968	34270994	16812714	793.249	839.649
14)	L3 AR-1232-4	5.884	5.054	17670040	16841276	799.445	921.974
15)	L3 AR-1232-5	5.976	5.227	15475153	17741442	843.546	884.892
16)	L4 AR-1242-1	5.698	4.771	24622805	21986848	412.265	417.516
17)	L4 AR-1242-2	5.722	4.791	34270994	30038129	407.808	416.869
18)	L4 AR-1242-3	5.785	4.968	21617959	16812714	413.334	429.623
19)	L4 AR-1242-4	5.884	5.054	17670040	16841276	410.053	429.740
20)	L4 AR-1242-5	6.632	5.582	19099759	20287687	417.760	419.340
21)	L5 AR-1248-1	5.698	4.771	24622805	21986848	550.887	562.717
22)	L5 AR-1248-2	5.976	5.011	15475153	13037436	238.947	240.616
23)	L5 AR-1248-3	6.183	5.054	19103523	16841276	269.738	295.982
24)	L5 AR-1248-4	6.593	5.227	18214961	17741442	235.505	264.154
25)	L5 AR-1248-5	6.632	5.624	19099759	17112668	253.850	259.425
26)	L6 AR-1254-1	6.564	5.582	14054001	20287687	176.035	202.155
27)	L6 AR-1254-2	6.791	5.732	16795371	5273699	140.228	60.703 #
28)	L6 AR-1254-3	7.157	6.140	7132018	6691835	58.709	47.662
29)	L6 AR-1254-4	7.446	6.370	5616703	5210859	63.158	61.905
30)	L6 AR-1254-5	7.871	6.793	1493278	2133241	15.351	17.984
31)	L7 AR-1260-1	7.328	6.286	877499	2478128	9.735	26.613 #
32)	L7 AR-1260-2	7.584	6.460	1877835	878146	18.305	8.010 #
33)	L7 AR-1260-3	7.931	6.613	265808	1015268	3.375	9.871 #
34)	L7 AR-1260-4	8.165	7.130f	607821	712695	6.782	8.557 #
35)	L7 AR-1260-5	0.000	7.338	0	169788	N.D.	0.882 #
36)	L8 AR-1262-1	7.931f	6.862f	265808	233238	2.297	4.621 #
38)	L8 AR-1262-3	0.000	7.624	0	544908	N.D.	6.217 #
39)	L8 AR-1262-4	0.000	7.682	0	233094	N.D.	1.427 #
40)	L8 AR-1262-5	0.000	8.195	0	110349	N.D.	1.478 #
41)	L9 AR-1268-1	0.000	7.624	0	544908	N.D.	2.093 #
42)	L9 AR-1268-2	0.000	7.682	0	233094	N.D.	1.008 #

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Integration File signal 1: autoint1.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
44) L9	AR-1268-4	0.000	8.195	0	110349	N.D.	1.367 #
45) L9	AR-1268-5	10.066	8.485	581653	673441	0.961	1.066

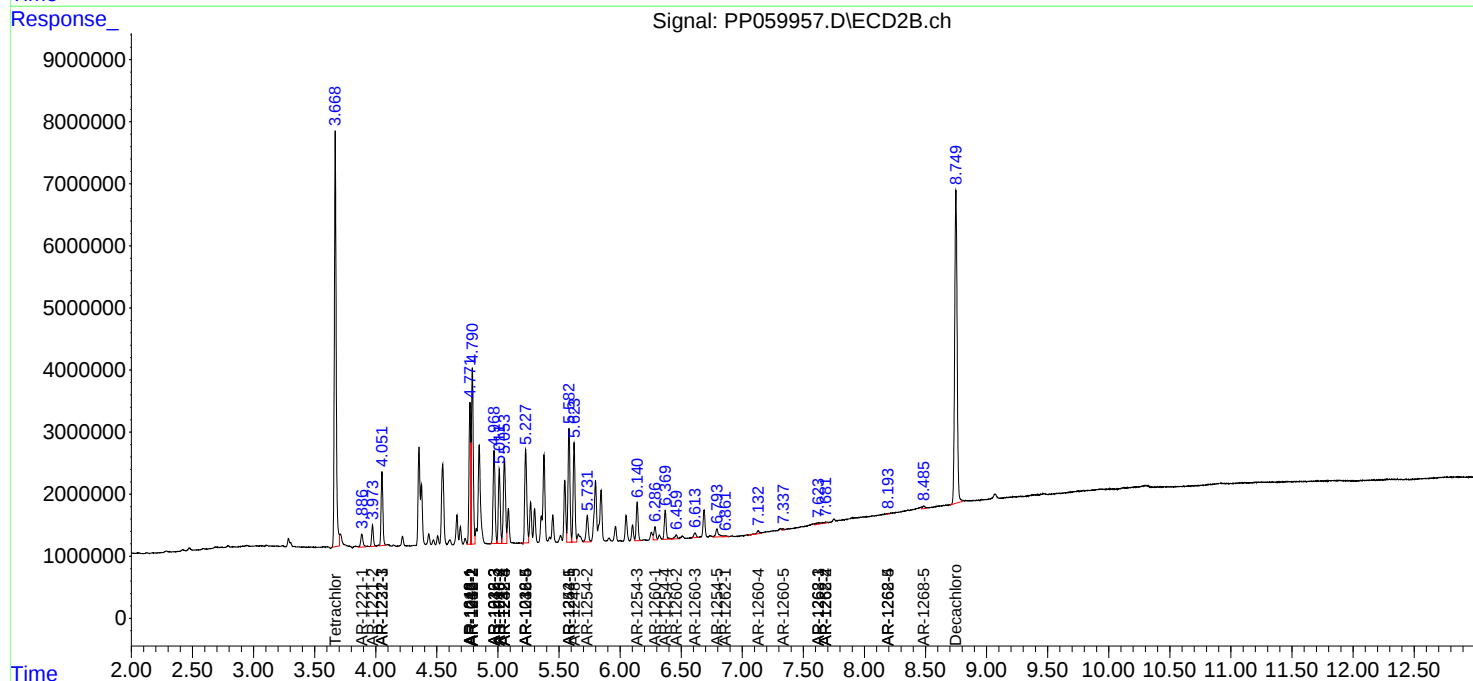
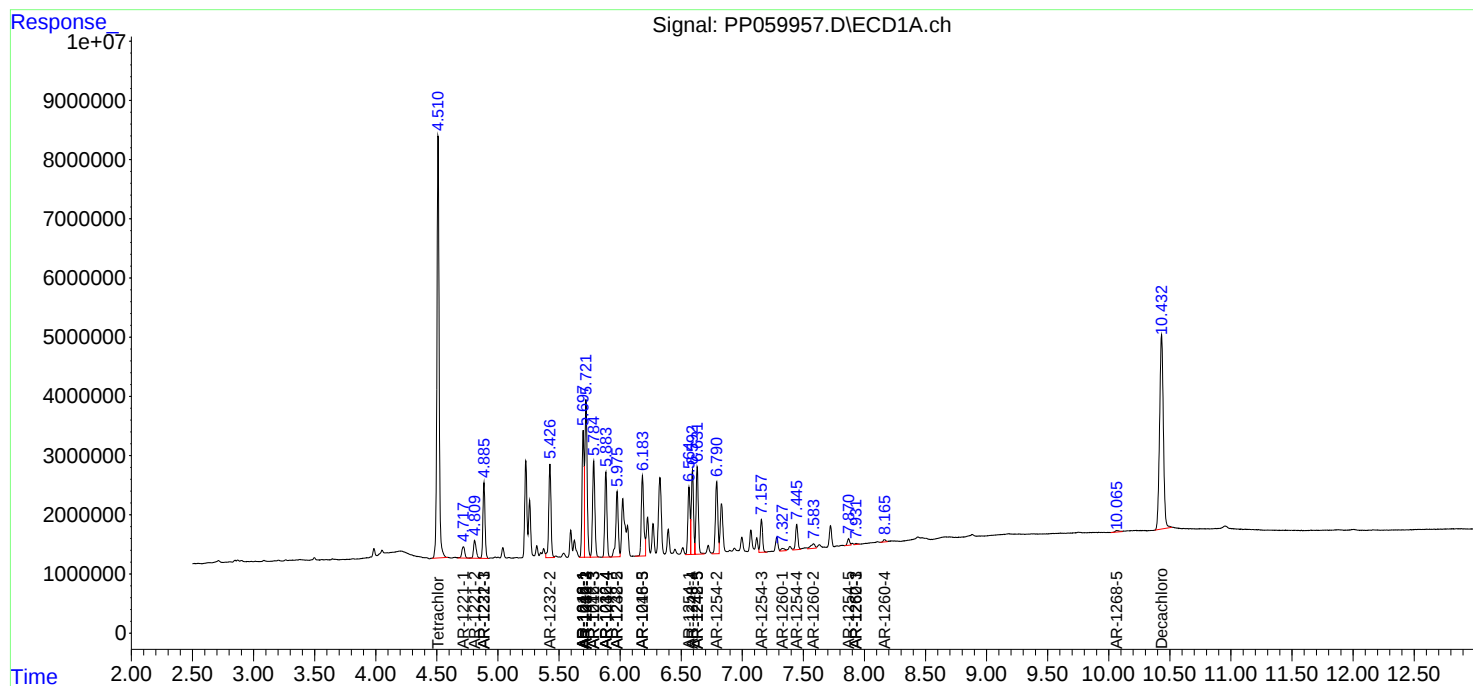
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

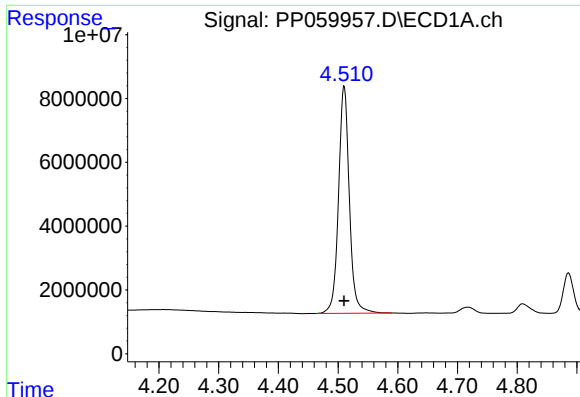
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

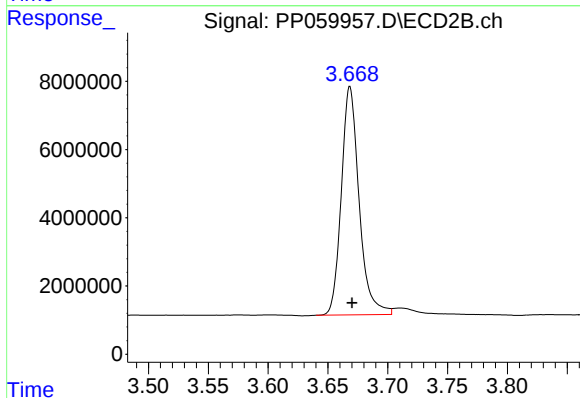




#1 Tetrachloro-m-xylene

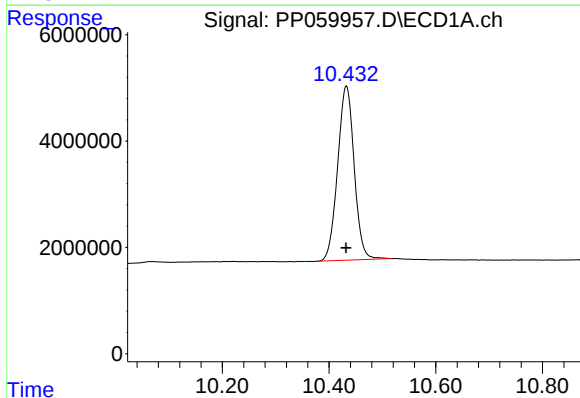
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 89700468
Conc: 43.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



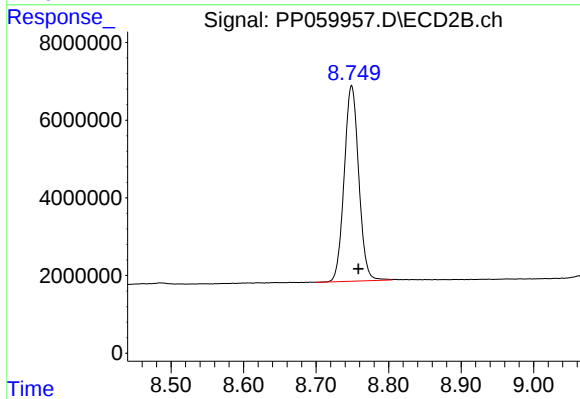
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.002 min
Response: 69326821
Conc: 42.56 ng/ml



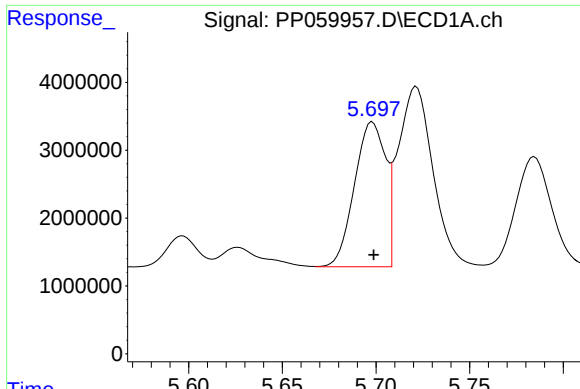
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 70450650
Conc: 46.19 ng/ml



#2 Decachlorobiphenyl

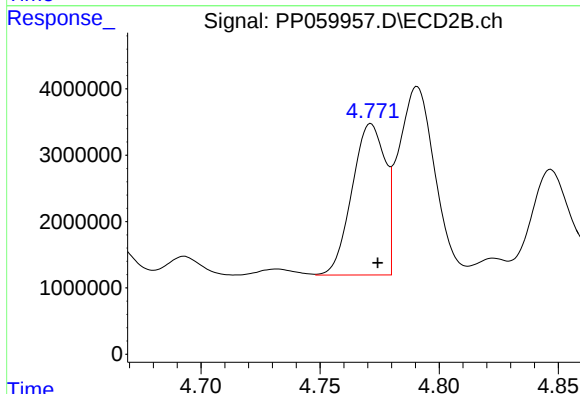
R.T.: 8.749 min
Delta R.T.: -0.009 min
Response: 70096899
Conc: 46.29 ng/ml



#3 AR-1016-1

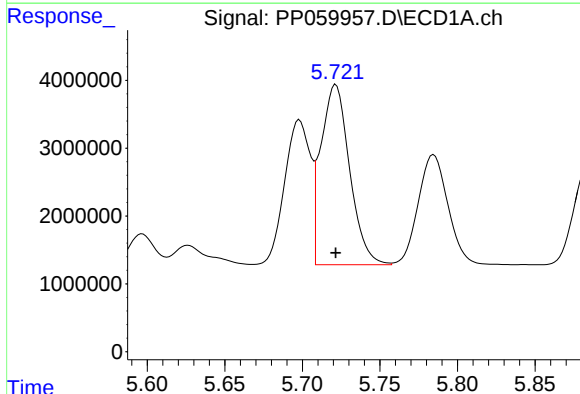
R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 24622805
Conc: 364.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



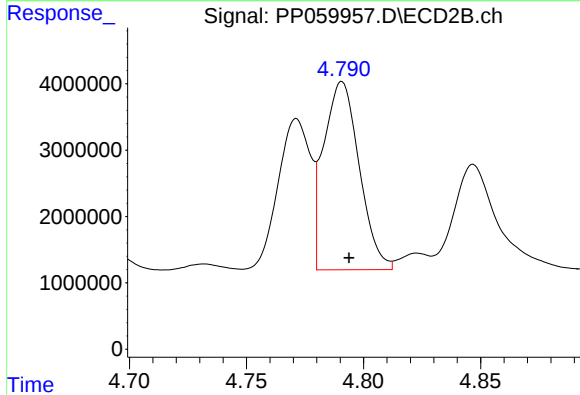
#3 AR-1016-1

R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 21986848
Conc: 365.74 ng/ml



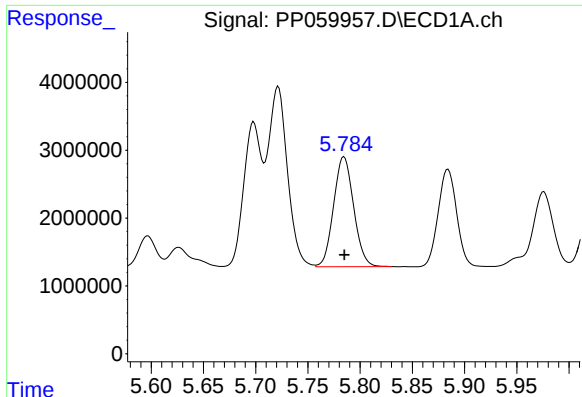
#4 AR-1016-2

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 34270994
Conc: 358.25 ng/ml



#4 AR-1016-2

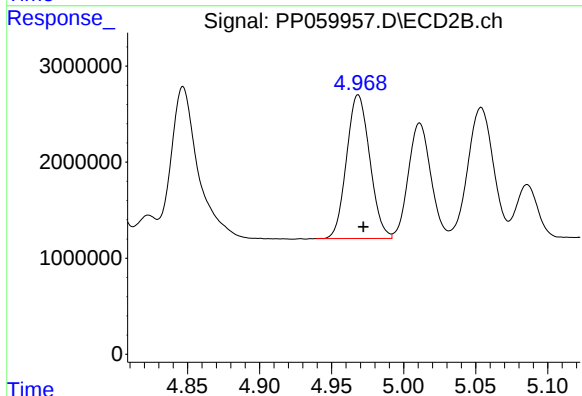
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 30038129
Conc: 361.90 ng/ml



#5 AR-1016-3

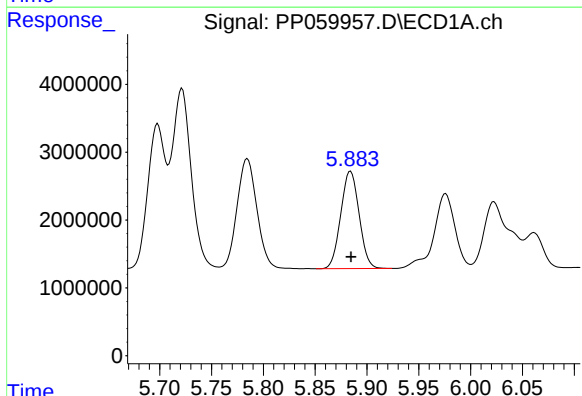
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 21617959
Conc: 363.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



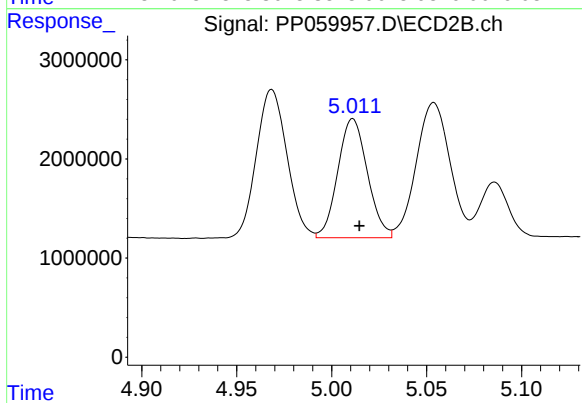
#5 AR-1016-3

R.T.: 4.968 min
Delta R.T.: -0.004 min
Response: 16812714
Conc: 374.79 ng/ml



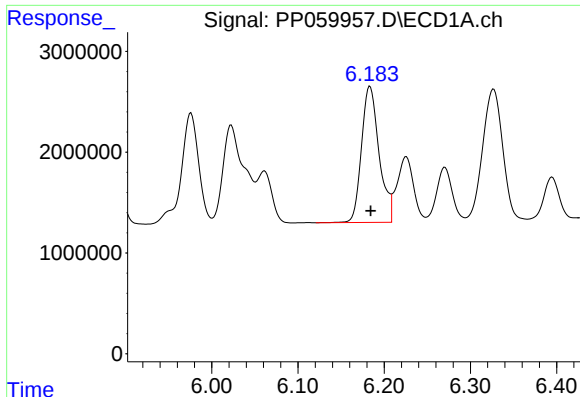
#6 AR-1016-4

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 17670040
Conc: 360.86 ng/ml



#6 AR-1016-4

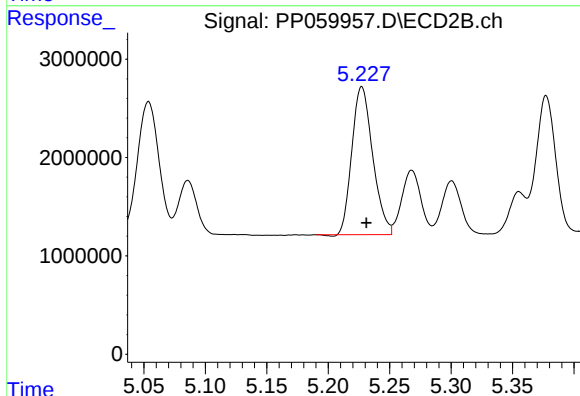
R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 13037436
Conc: 369.55 ng/ml



#7 AR-1016-5

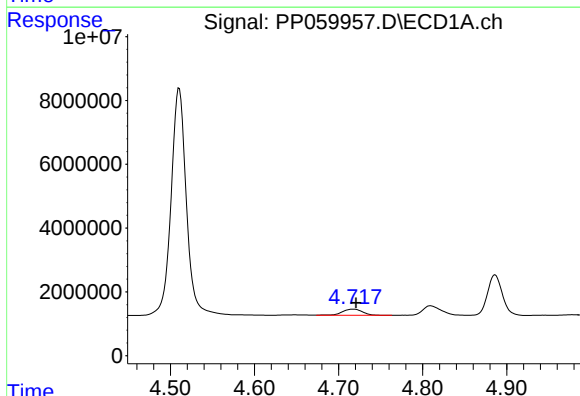
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 19103523
Conc: 388.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



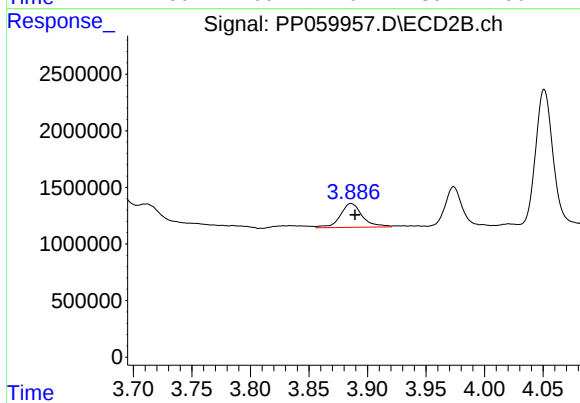
#7 AR-1016-5

R.T.: 5.227 min
Delta R.T.: -0.004 min
Response: 17741442
Conc: 381.56 ng/ml



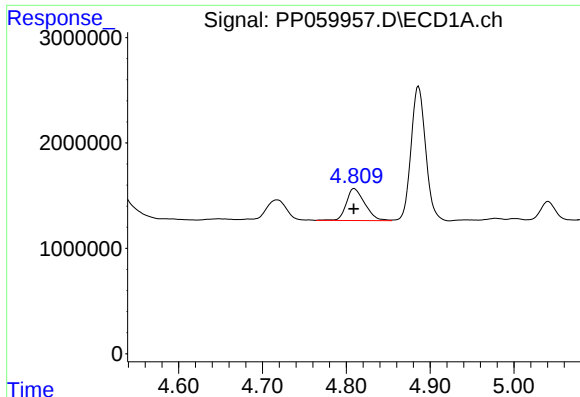
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 3235689
Conc: 121.72 ng/ml



#8 AR-1221-1

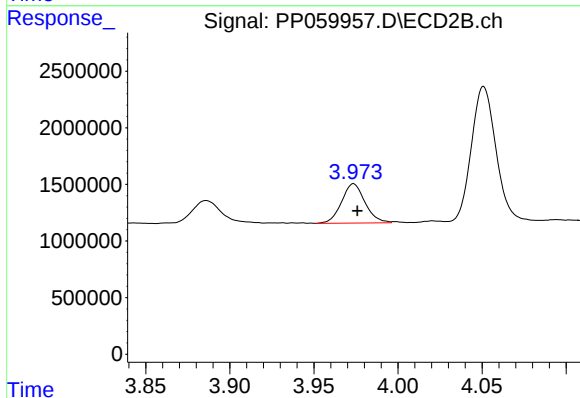
R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 2743425
Conc: 124.90 ng/ml



#9 AR-1221-2

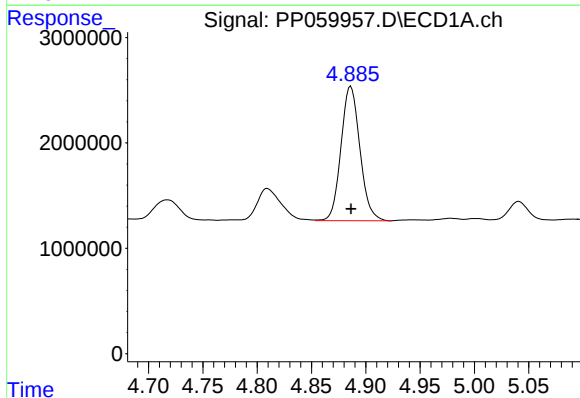
R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 4636873
Conc: 235.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



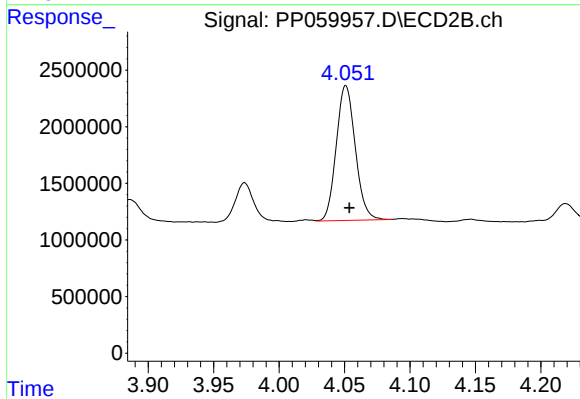
#9 AR-1221-2

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 3370699
Conc: 218.32 ng/ml



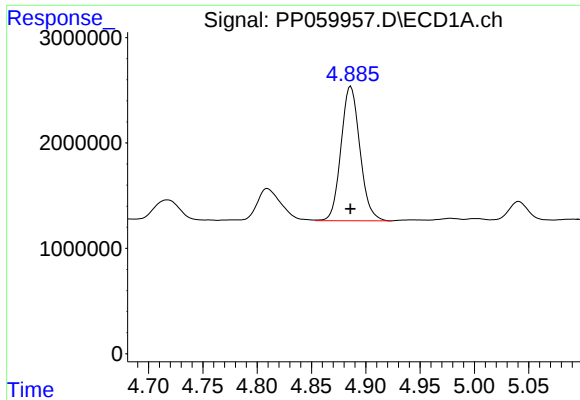
#10 AR-1221-3

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 15468309
Conc: 270.81 ng/ml



#10 AR-1221-3

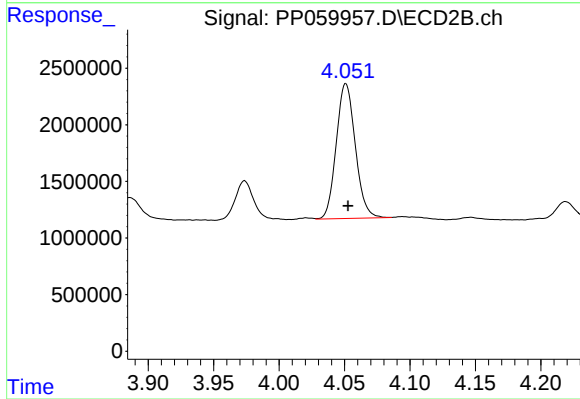
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 12079077
Conc: 257.53 ng/ml



#11 AR-1232-1

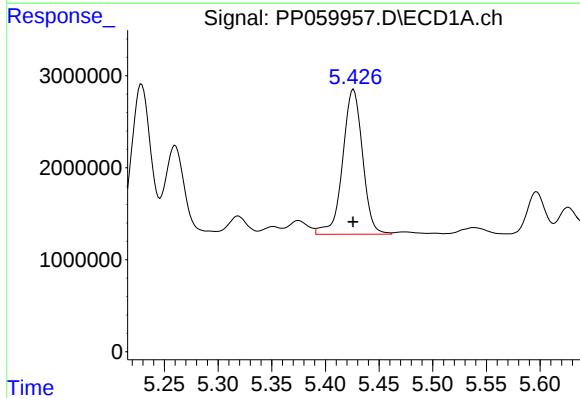
R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 15468309
Conc: 331.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



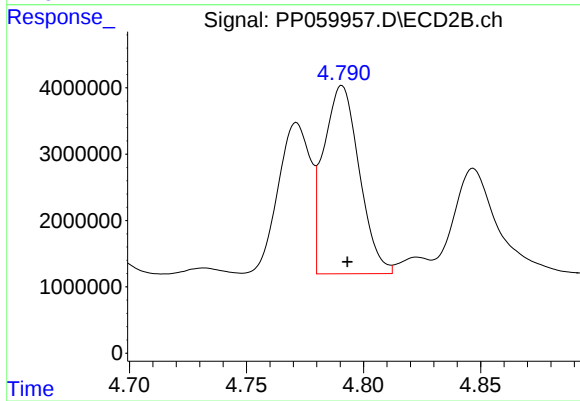
#11 AR-1232-1

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 12079077
Conc: 317.76 ng/ml



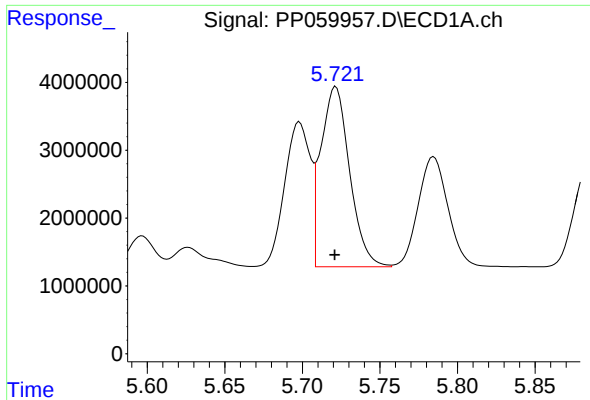
#12 AR-1232-2

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 20370204
Conc: 802.02 ng/ml



#12 AR-1232-2

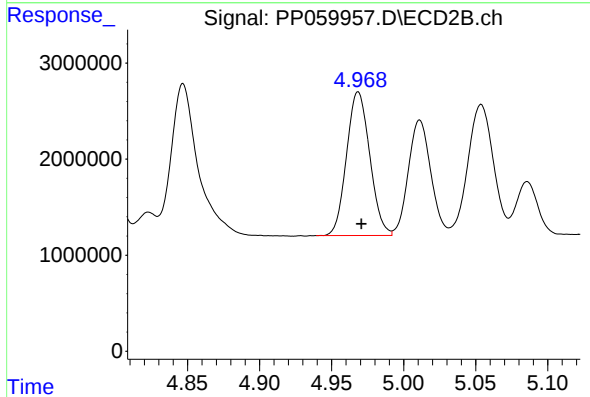
R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 30038129
Conc: 814.63 ng/ml



#13 AR-1232-3

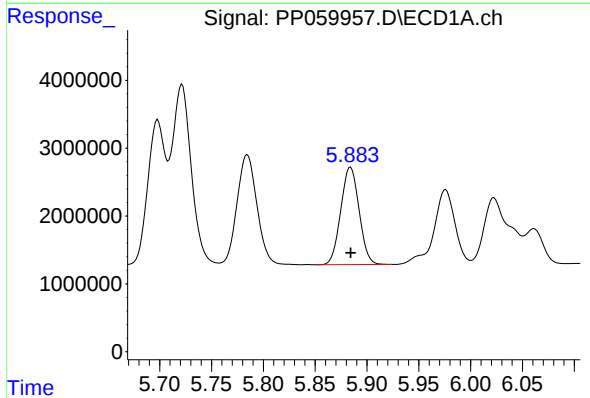
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 34270994
Conc: 793.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



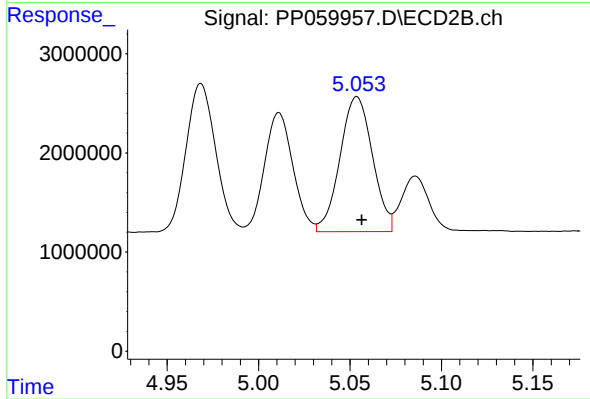
#13 AR-1232-3

R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 16812714
Conc: 839.65 ng/ml



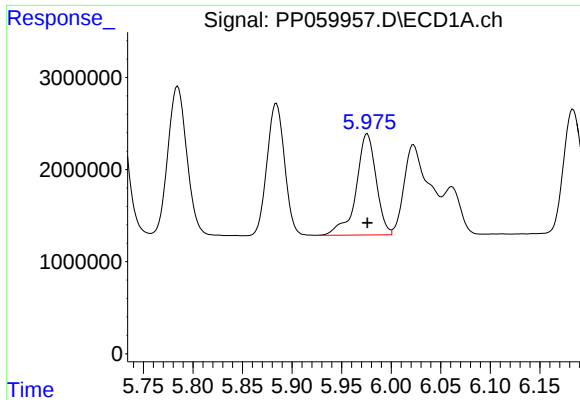
#14 AR-1232-4

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 17670040
Conc: 799.45 ng/ml



#14 AR-1232-4

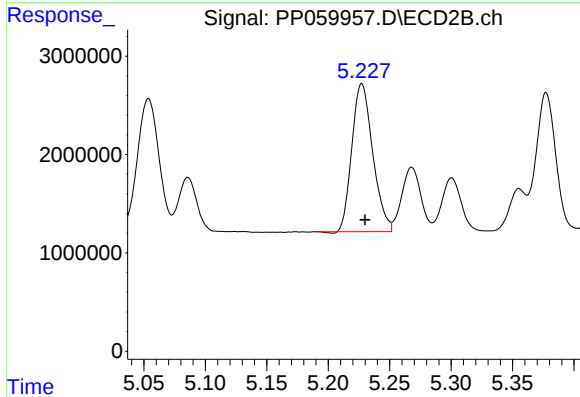
R.T.: 5.054 min
Delta R.T.: -0.003 min
Response: 16841276
Conc: 921.97 ng/ml



#15 AR-1232-5

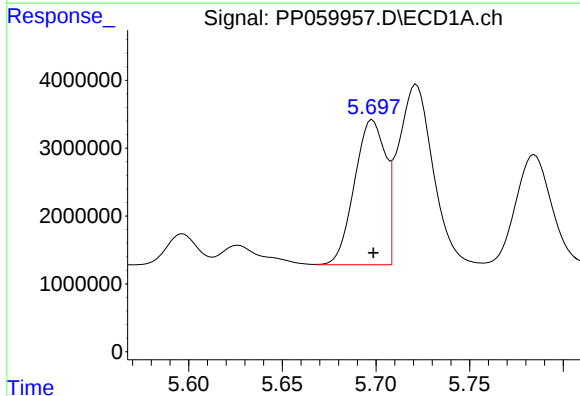
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 15475153
Conc: 843.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



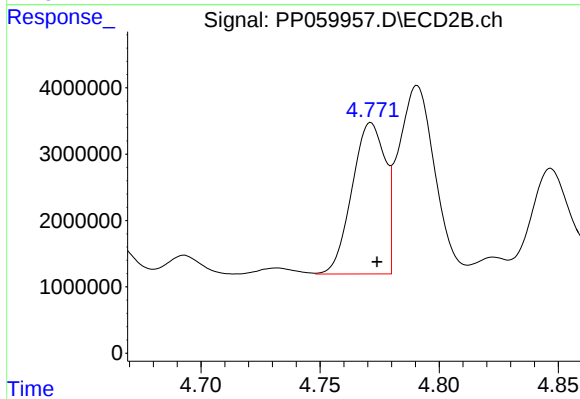
#15 AR-1232-5

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 17741442
Conc: 884.89 ng/ml



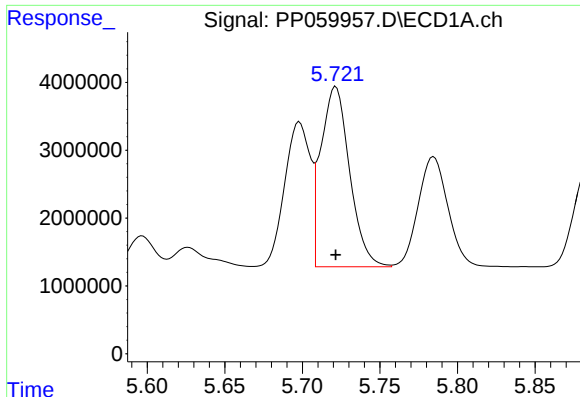
#16 AR-1242-1

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 24622805
Conc: 412.26 ng/ml



#16 AR-1242-1

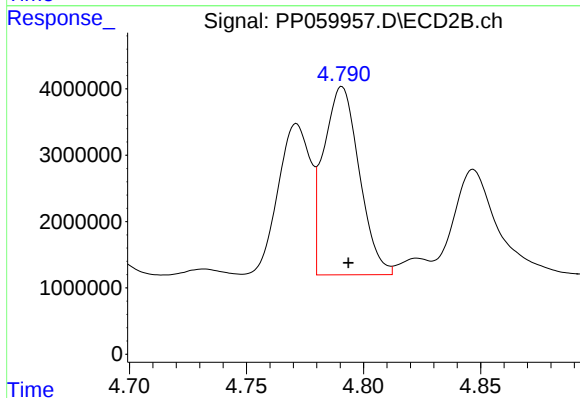
R.T.: 4.771 min
Delta R.T.: -0.003 min
Response: 21986848
Conc: 417.52 ng/ml



#17 AR-1242-2

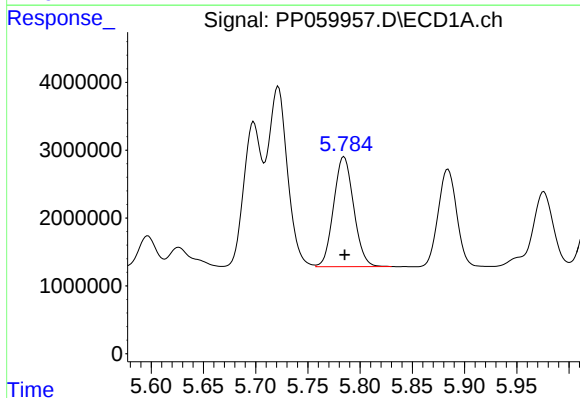
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 34270994
Conc: 407.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



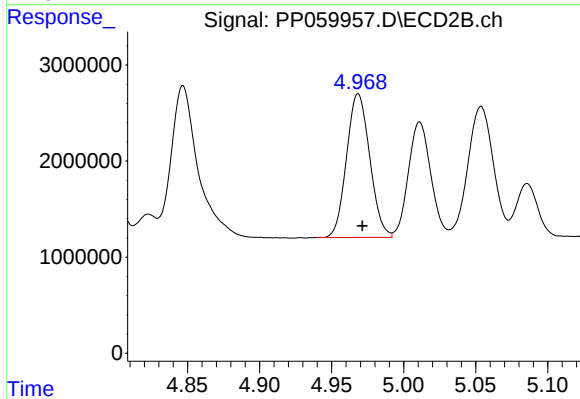
#17 AR-1242-2

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 30038129
Conc: 416.87 ng/ml



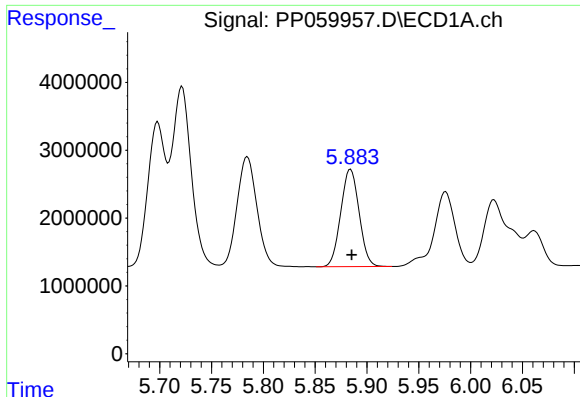
#18 AR-1242-3

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 21617959
Conc: 413.33 ng/ml



#18 AR-1242-3

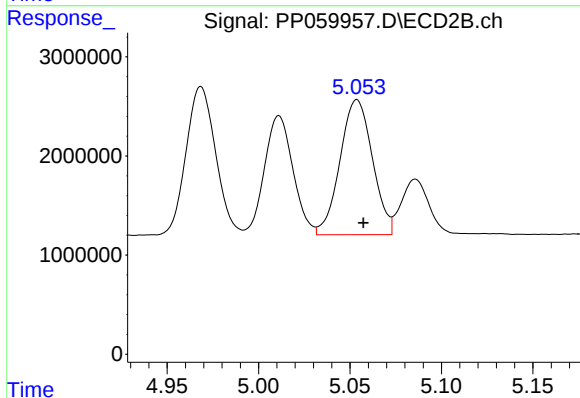
R.T.: 4.968 min
Delta R.T.: -0.003 min
Response: 16812714
Conc: 429.62 ng/ml



#19 AR-1242-4

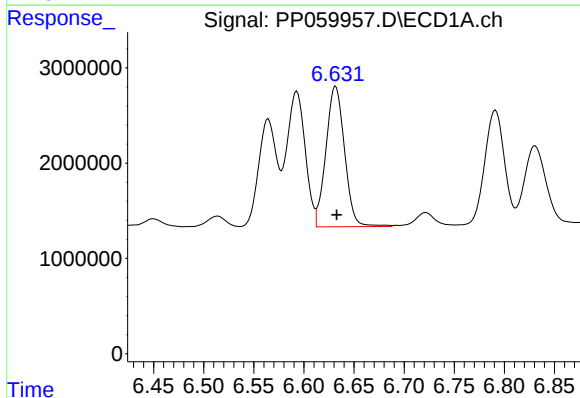
R.T.: 5.884 min
Delta R.T.: -0.001 min
Response: 17670040
Conc: 410.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



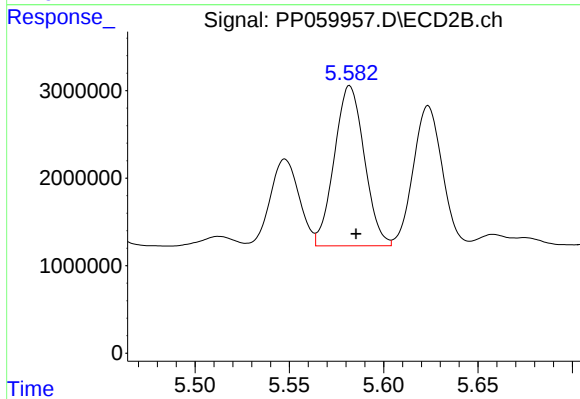
#19 AR-1242-4

R.T.: 5.054 min
Delta R.T.: -0.004 min
Response: 16841276
Conc: 429.74 ng/ml



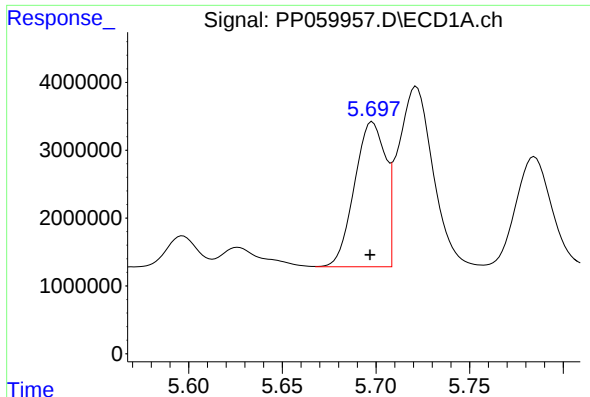
#20 AR-1242-5

R.T.: 6.632 min
Delta R.T.: -0.001 min
Response: 19099759
Conc: 417.76 ng/ml



#20 AR-1242-5

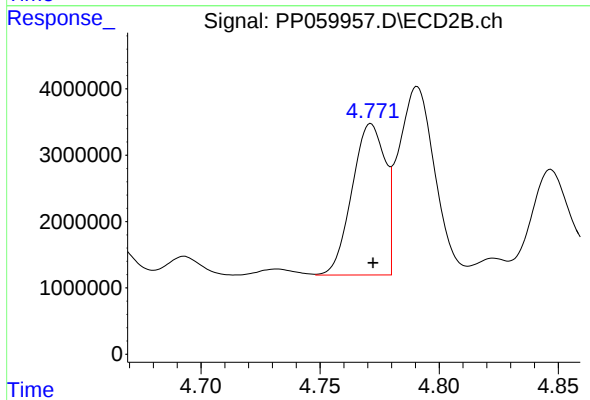
R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 20287687
Conc: 419.34 ng/ml



#21 AR-1248-1

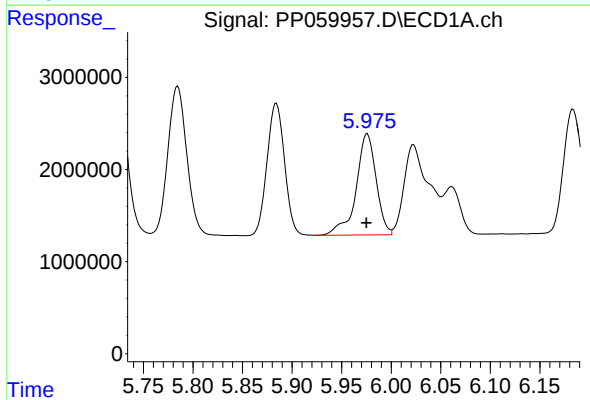
R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 24622805
Conc: 550.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



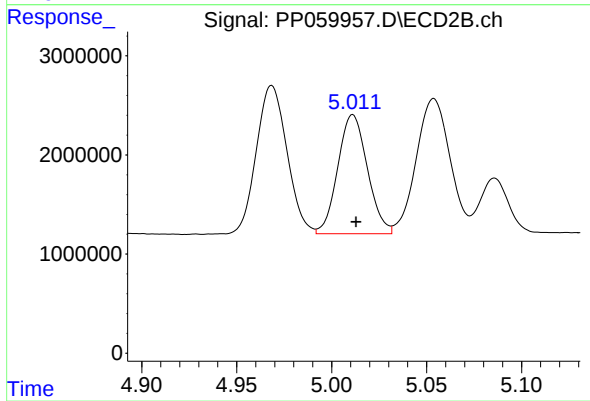
#21 AR-1248-1

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 21986848
Conc: 562.72 ng/ml



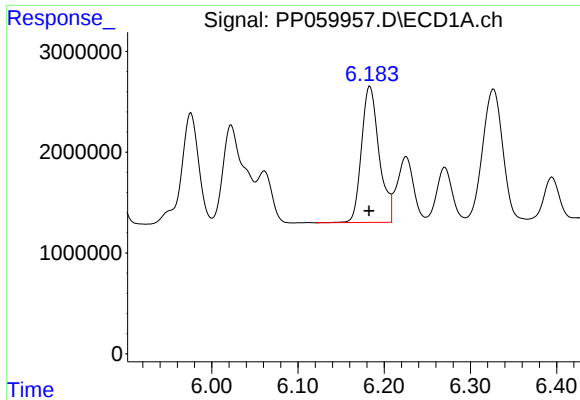
#22 AR-1248-2

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 15475153
Conc: 238.95 ng/ml



#22 AR-1248-2

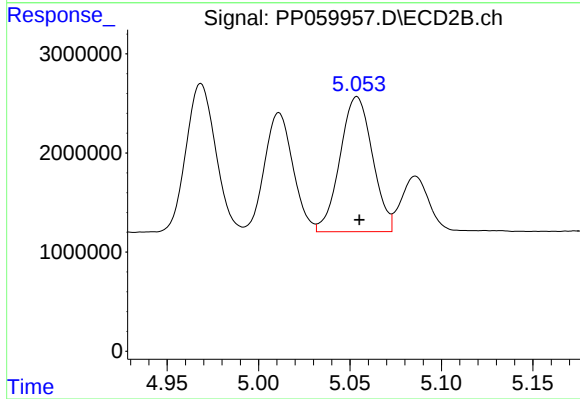
R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 13037436
Conc: 240.62 ng/ml



#23 AR-1248-3

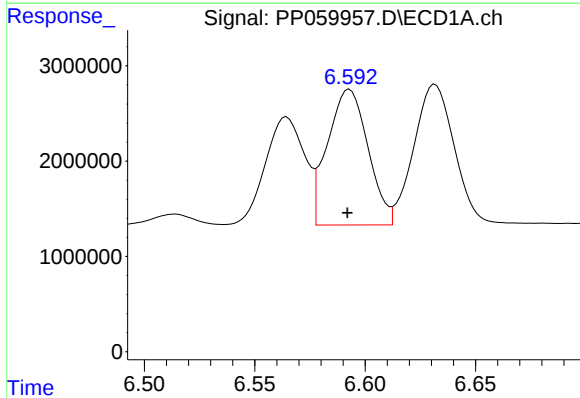
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 19103523
Conc: 269.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



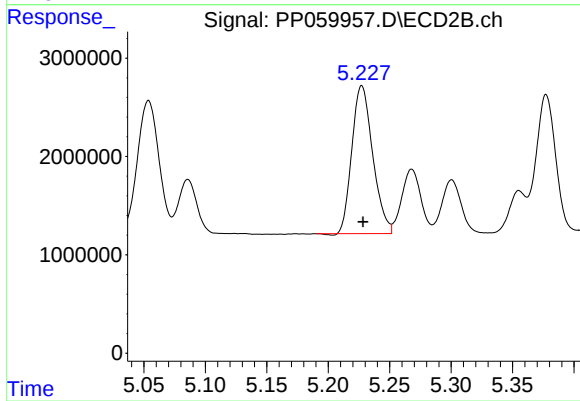
#23 AR-1248-3

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 16841276
Conc: 295.98 ng/ml



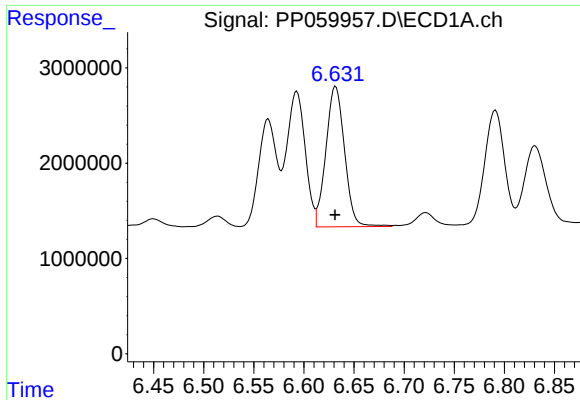
#24 AR-1248-4

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 18214961
Conc: 235.51 ng/ml



#24 AR-1248-4

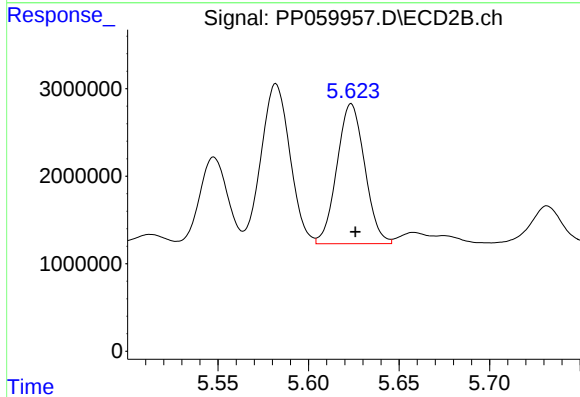
R.T.: 5.227 min
Delta R.T.: -0.001 min
Response: 17741442
Conc: 264.15 ng/ml



#25 AR-1248-5

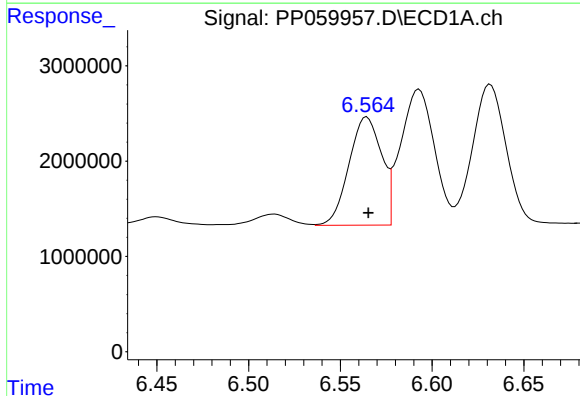
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 19099759
Conc: 253.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



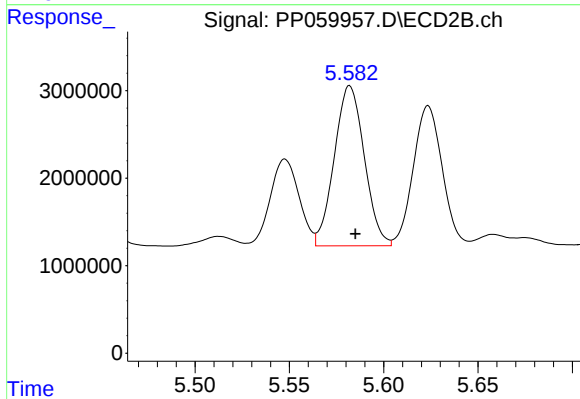
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 17112668
Conc: 259.43 ng/ml



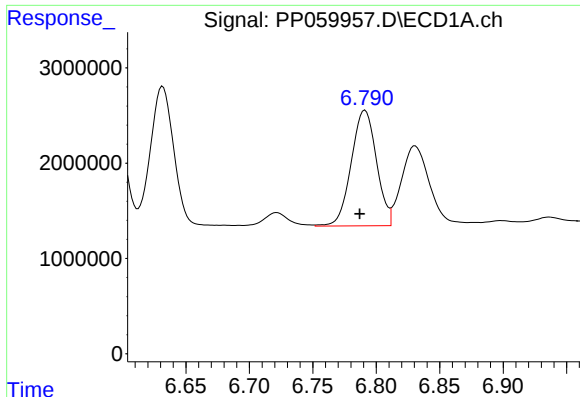
#26 AR-1254-1

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 14054001
Conc: 176.04 ng/ml



#26 AR-1254-1

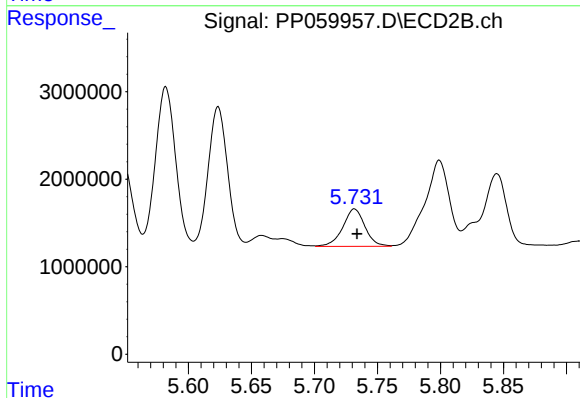
R.T.: 5.582 min
Delta R.T.: -0.003 min
Response: 20287687
Conc: 202.16 ng/ml



#27 AR-1254-2

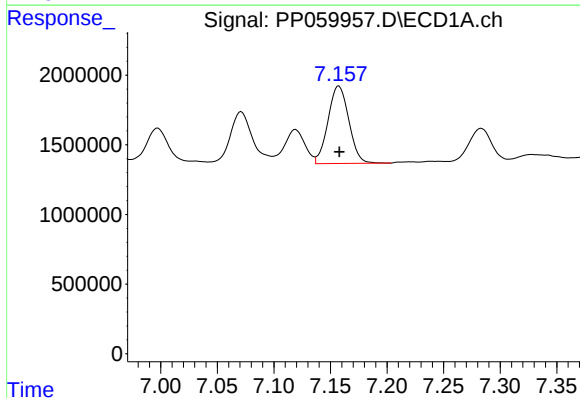
R.T.: 6.791 min
Delta R.T.: 0.004 min
Response: 16795371
Conc: 140.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



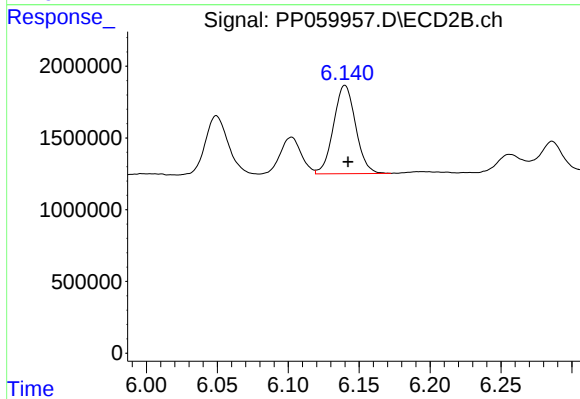
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: -0.002 min
Response: 5273699
Conc: 60.70 ng/ml



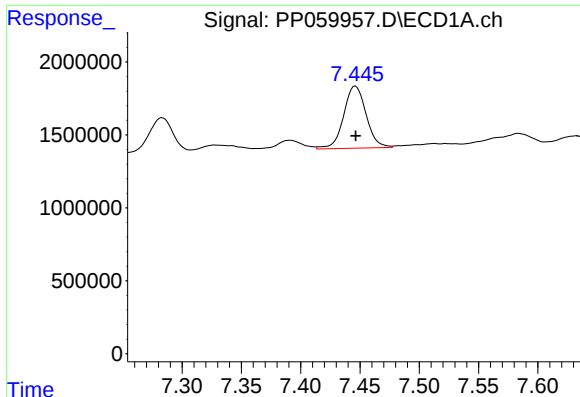
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 7132018
Conc: 58.71 ng/ml



#28 AR-1254-3

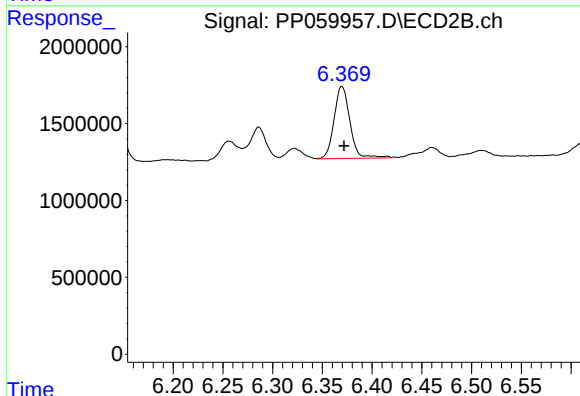
R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 6691835
Conc: 47.66 ng/ml



#29 AR-1254-4

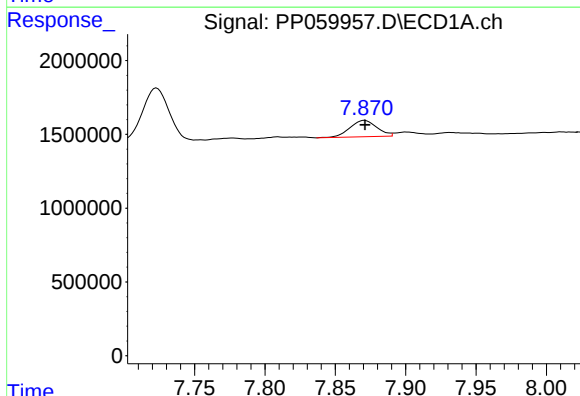
R.T.: 7.446 min
Delta R.T.: 0.000 min
Response: 5616703
Conc: 63.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



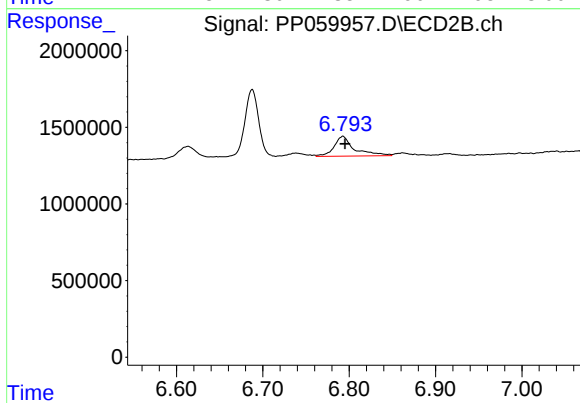
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 5210859
Conc: 61.90 ng/ml



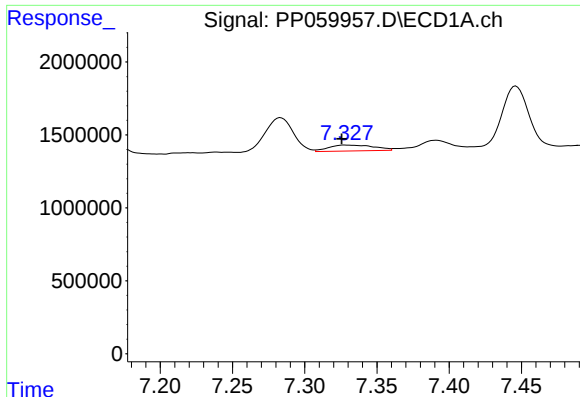
#30 AR-1254-5

R.T.: 7.871 min
Delta R.T.: 0.000 min
Response: 1493278
Conc: 15.35 ng/ml



#30 AR-1254-5

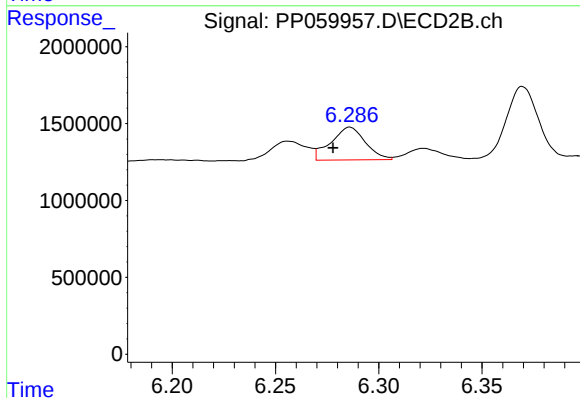
R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 2133241
Conc: 17.98 ng/ml



#31 AR-1260-1

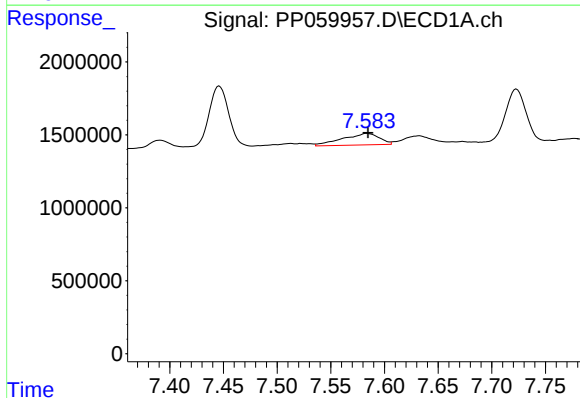
R.T.: 7.328 min
Delta R.T.: 0.003 min
Response: 877499
Conc: 9.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



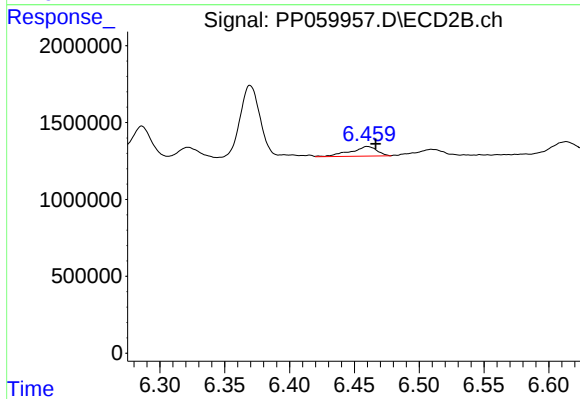
#31 AR-1260-1

R.T.: 6.286 min
Delta R.T.: 0.008 min
Response: 2478128
Conc: 26.61 ng/ml



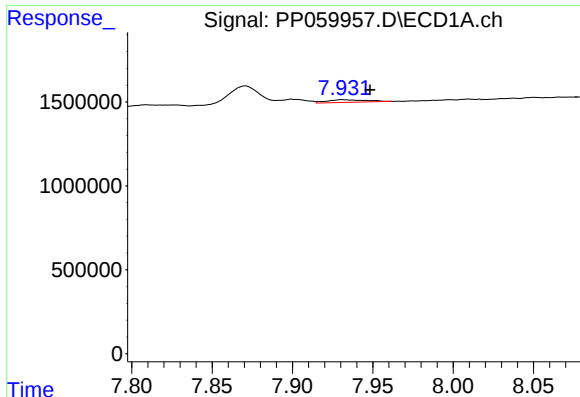
#32 AR-1260-2

R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 1877835
Conc: 18.30 ng/ml



#32 AR-1260-2

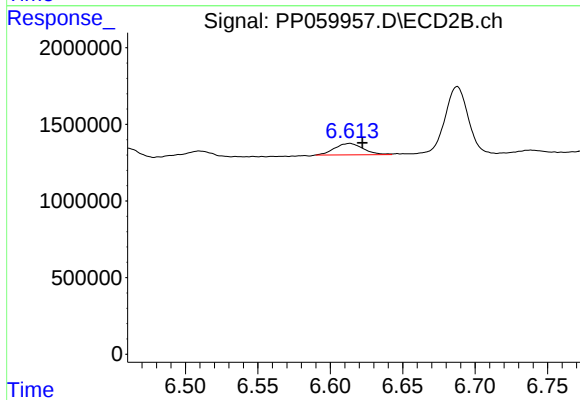
R.T.: 6.460 min
Delta R.T.: -0.006 min
Response: 878146
Conc: 8.01 ng/ml



#33 AR-1260-3

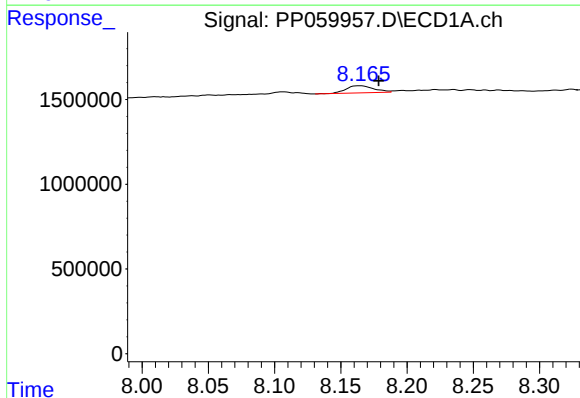
R.T.: 7.931 min
Delta R.T.: -0.017 min
Response: 265808
Conc: 3.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



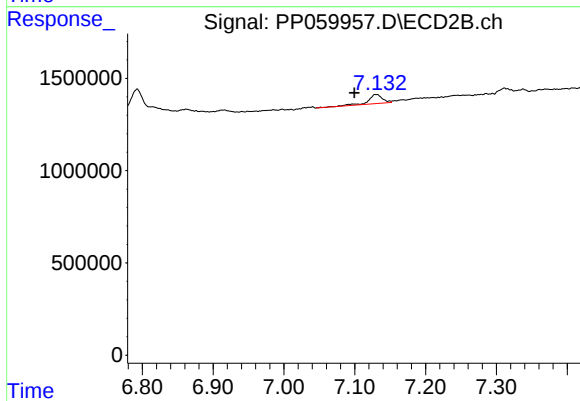
#33 AR-1260-3

R.T.: 6.613 min
Delta R.T.: -0.009 min
Response: 1015268
Conc: 9.87 ng/ml



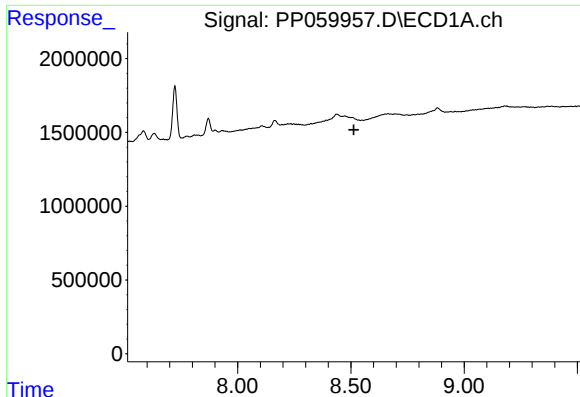
#34 AR-1260-4

R.T.: 8.165 min
Delta R.T.: -0.014 min
Response: 607821
Conc: 6.78 ng/ml



#34 AR-1260-4

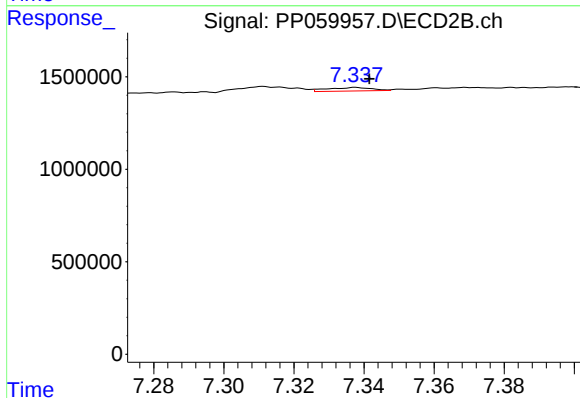
R.T.: 7.130 min
Delta R.T.: 0.031 min
Response: 712695
Conc: 8.56 ng/ml



#35 AR-1260-5

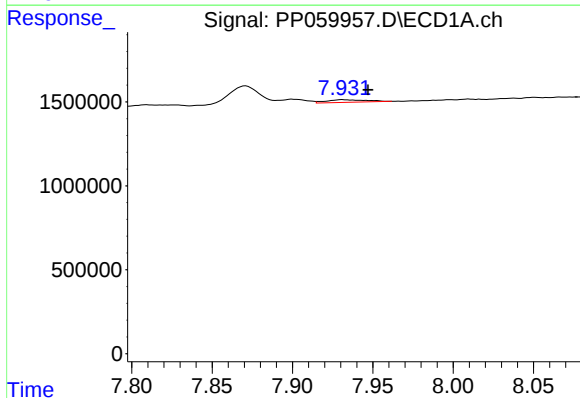
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



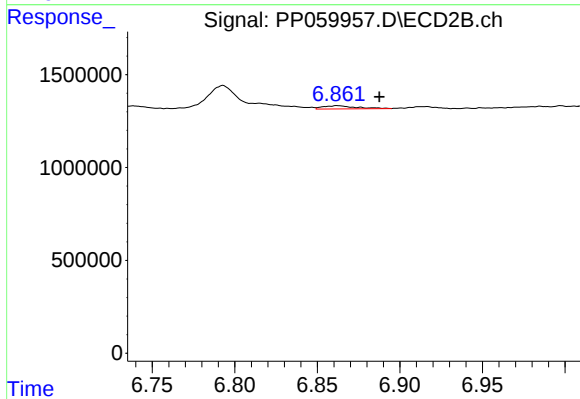
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 169788
Conc: 0.88 ng/ml



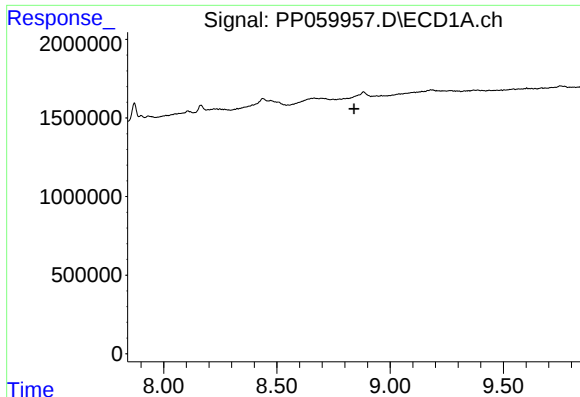
#36 AR-1262-1

R.T.: 7.931 min
Delta R.T.: -0.016 min
Response: 265808
Conc: 2.30 ng/ml



#36 AR-1262-1

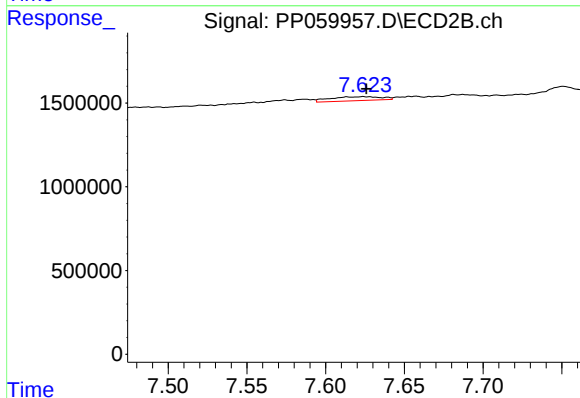
R.T.: 6.862 min
Delta R.T.: -0.025 min
Response: 233238
Conc: 4.62 ng/ml



#38 AR-1262-3

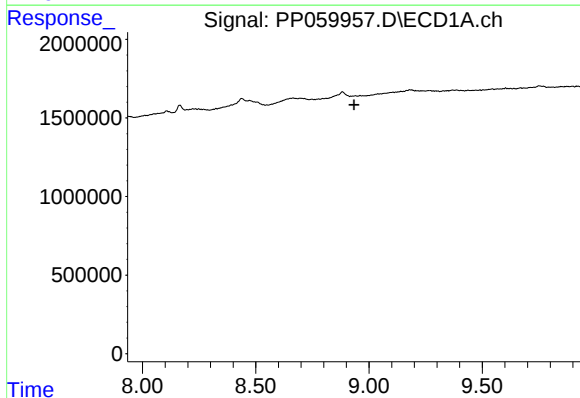
R.T.: 0.000 min
Exp R.T.: 8.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



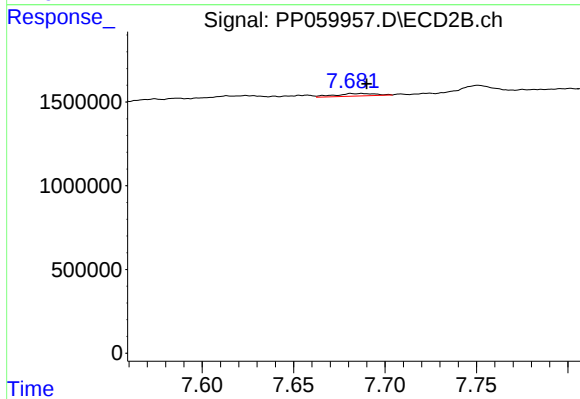
#38 AR-1262-3

R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 544908
Conc: 6.22 ng/ml



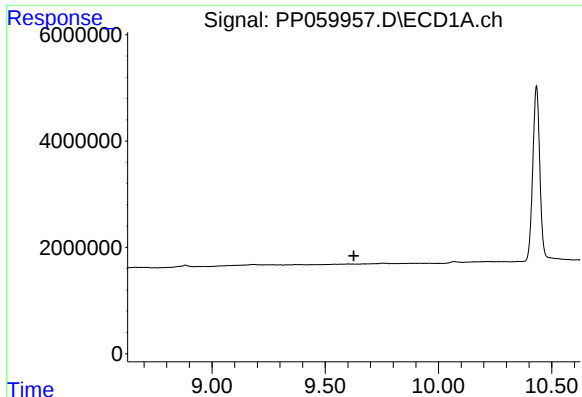
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.



#39 AR-1262-4

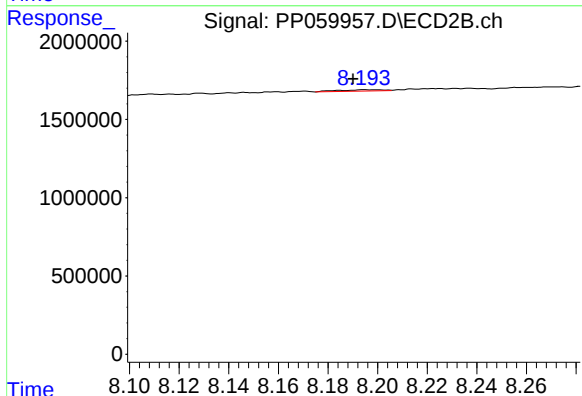
R.T.: 7.682 min
Delta R.T.: -0.008 min
Response: 233094
Conc: 1.43 ng/ml



#40 AR-1262-5

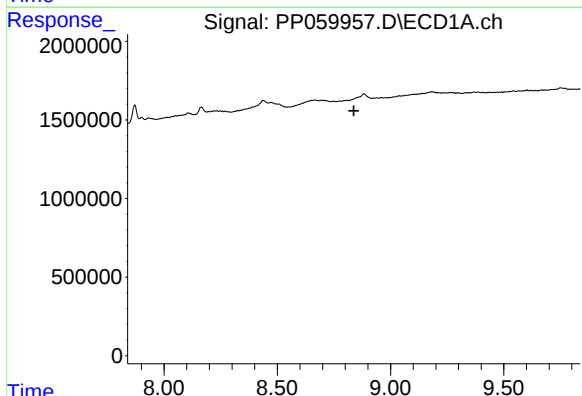
R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



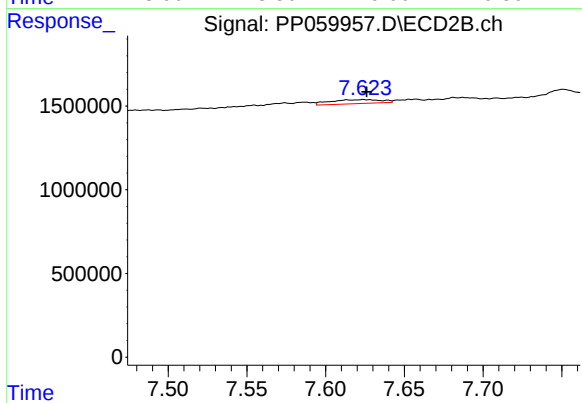
#40 AR-1262-5

R.T.: 8.195 min
Delta R.T.: 0.005 min
Response: 110349
Conc: 1.48 ng/ml



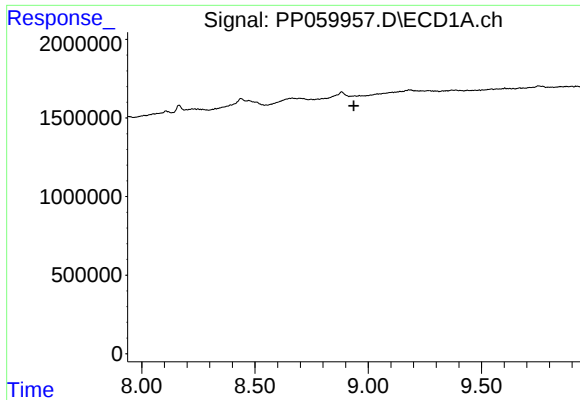
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.



#41 AR-1268-1

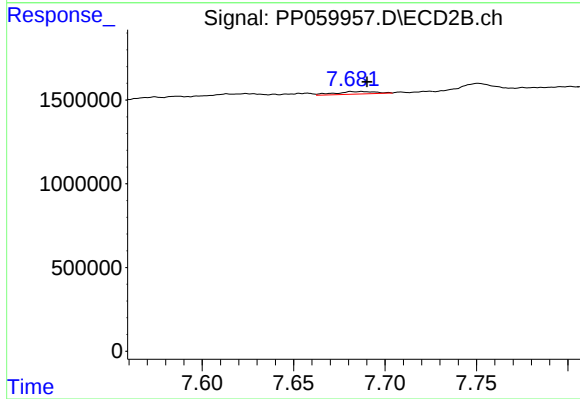
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 544908
Conc: 2.09 ng/ml



#42 AR-1268-2

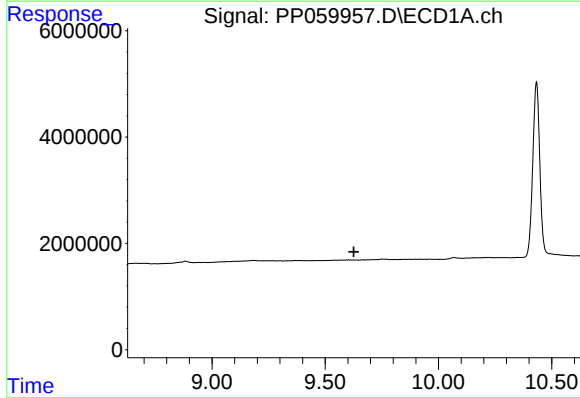
R.T.: 0.000 min
Exp R.T.: 8.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



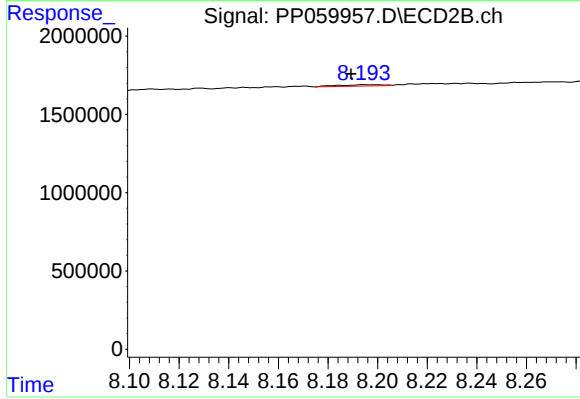
#42 AR-1268-2

R.T.: 7.682 min
Delta R.T.: -0.008 min
Response: 233094
Conc: 1.01 ng/ml



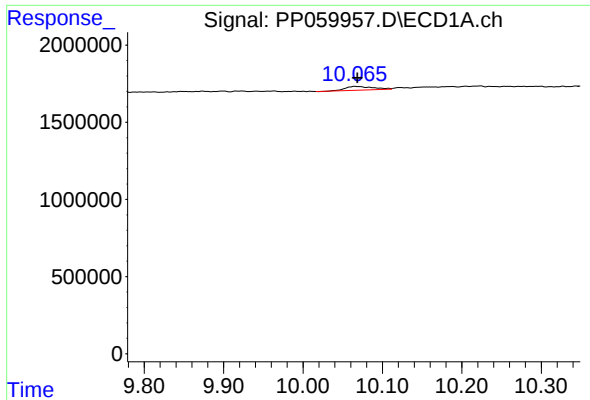
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.



#44 AR-1268-4

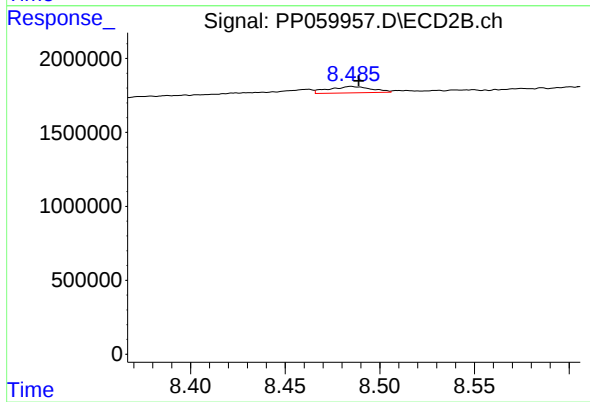
R.T.: 8.195 min
Delta R.T.: 0.005 min
Response: 110349
Conc: 1.37 ng/ml



#45 AR-1268-5

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 581653
Conc: 0.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.004 min
Response: 673441
Conc: 1.07 ng/ml