

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082925\
 Data File : PP074764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 21:25
 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: Aug 30 04:28:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 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...	4.660	3.801	59549589	274.1E6	48.664	56.682
2)	SA Decachlor...	10.436	8.813	49418664	352.5E6	50.044	47.006
Target Compounds							
3)	L1 AR-1016-1	5.811	4.899	18753613	227.5E6	425.360	446.560
4)	L1 AR-1016-2	5.833	4.957	27177467	105.6E6	432.476	443.877
5)	L1 AR-1016-3	5.896	5.077	18049391	60345195	401.866	437.590
6)	L1 AR-1016-4	5.993	5.118	14876199	57211459	422.838	409.228
7)	L1 AR-1016-5	6.285	5.332	14565296	66294665	438.898	399.165
8)	L2 AR-1221-1	4.855	4.009	2109782	8401851	119.923	135.804
9)	L2 AR-1221-2	4.946	4.098	3288451	10753650	246.193	237.849
10)	L2 AR-1221-3	5.021	4.173	11255302	47200109	296.874	287.291
11)	L3 AR-1232-1	5.021	4.173	11255302	47200109	370.558	368.476
12)	L3 AR-1232-2	5.547	4.899	14129738	227.5E6	896.658	981.292
13)	L3 AR-1232-3	5.833	5.077	27177467	60345195	889.790	1004.752
14)	L3 AR-1232-4	5.993	5.160	14876199	110.6E6	861.426	1500.470 #
15)	L3 AR-1232-5	6.083	5.332	12357049	66294665	951.937	1067.825
16)	L4 AR-1242-1	5.811	4.899	18753613	227.5E6	489.968	539.314
17)	L4 AR-1242-2	5.833	4.957	27177467	105.6E6	481.171	527.502
18)	L4 AR-1242-3	5.896	5.077	18049391	60345195	444.534	510.111
19)	L4 AR-1242-4	5.993	5.160	14876199	110.6E6	468.662	646.156 #
20)	L4 AR-1242-5	6.722	5.681	16460122	95336988	456.331	514.878
21)	L5 AR-1248-1	5.811	4.899	18753613	227.5E6	620.487	823.693 #
22)	L5 AR-1248-2	6.083	5.118	12357049	57211459	286.733	323.676
23)	L5 AR-1248-3	6.285	5.160	14565296	110.6E6	311.867	486.769 #
24)	L5 AR-1248-4	6.683	5.332	15389107	66294665	279.798	304.075
25)	L5 AR-1248-5	6.722	5.722	16460122	116.4E6	296.737	316.945
26)	L6 AR-1254-1	6.657	5.681	11772174	95336988	202.030	199.989
27)	L6 AR-1254-2	6.878	5.829	13728934	25793031	168.214	73.248 #
28)	L6 AR-1254-3	7.236	6.230	6646959	29122999	74.512	46.987 #
29)	L6 AR-1254-4	7.518	6.457	4455653	25256941	67.598	53.896
30)	L6 AR-1254-5	7.934	6.875	1591905	6903314	19.160	14.074 #
31)	L7 AR-1260-1	7.404	6.372	519436	19301542	8.985	51.440 #
32)	L7 AR-1260-2	7.653	6.543	1103693	3995629	16.015	7.556 #
33)	L7 AR-1260-3	7.999	6.703	198321	3158191	3.822	7.294 #
34)	L7 AR-1260-4	8.222	7.164	709544	232117	11.123	0.608 #
35)	L7 AR-1260-5	8.566	7.402	184355	887074	1.626	0.883 #
36)	L8 AR-1262-1	8.222	6.940	709544	663540	9.213	0.938 #
37)	L8 AR-1262-2	8.566	7.164	184355	232117	1.393	0.446 #
38)	L8 AR-1262-3	8.904	7.698	129234	3069746	1.329	6.583 #
39)	L8 AR-1262-4	0.000	7.763	0	1539061	N.D.	1.873 #
40)	L8 AR-1262-5	9.608f	8.248	166868	197859	2.738	0.552 #
41)	L9 AR-1268-1	8.904	7.698	129234	3069746	0.798	2.176 #

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 Acq On : 29 Aug 2025 21:25
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

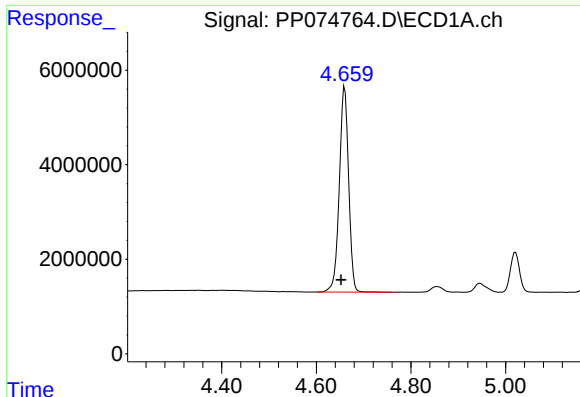
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 04:28:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.763	0	1539061	N.D.	1.129 #
43) L9	AR-1268-3	9.225	7.975	103905	632164	0.841	0.606 #
44) L9	AR-1268-4	9.608f	8.248	166868	197859	2.481	0.516 #
45) L9	AR-1268-5	10.081	8.556	388030	630425	1.048	0.201 #

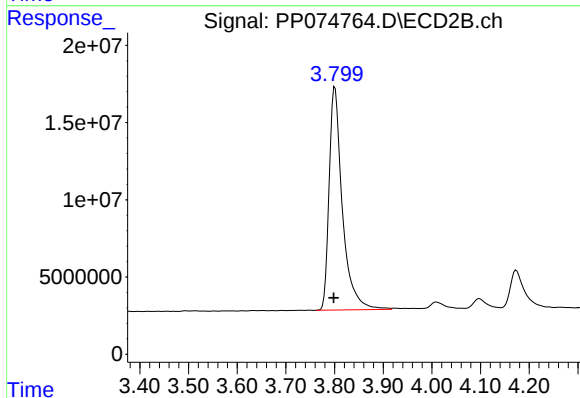
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

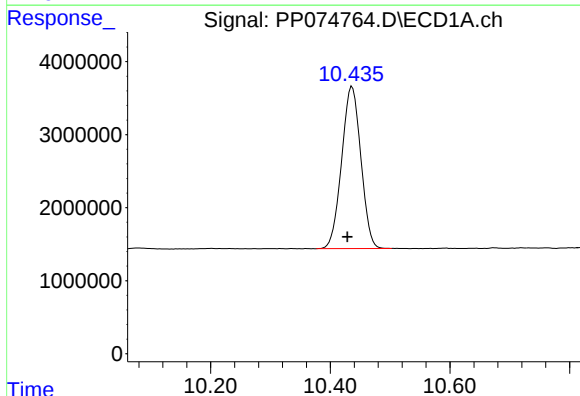
R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 59549589
Conc: 48.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



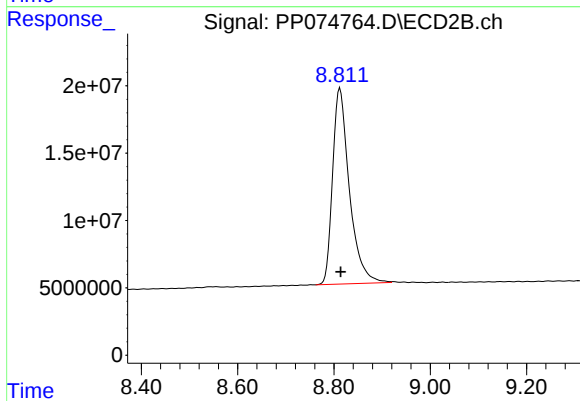
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: 274079100
Conc: 56.68 ng/ml



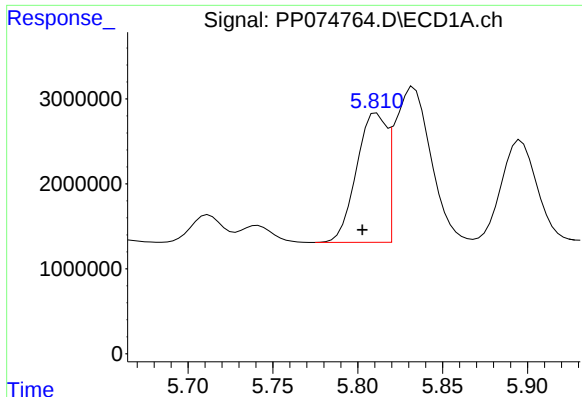
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.008 min
Response: 49418664
Conc: 50.04 ng/ml



#2 Decachlorobiphenyl

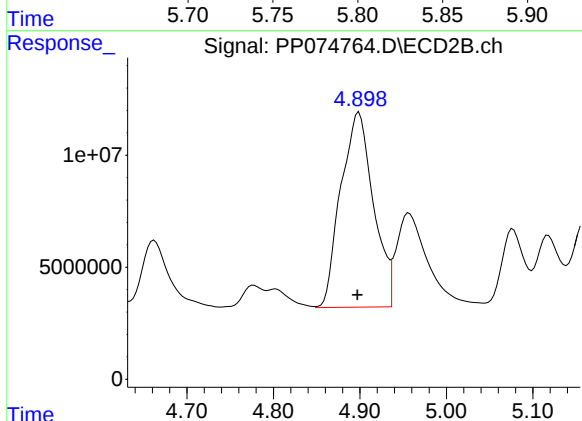
R.T.: 8.813 min
Delta R.T.: -0.001 min
Response: 352504544
Conc: 47.01 ng/ml



#3 AR-1016-1

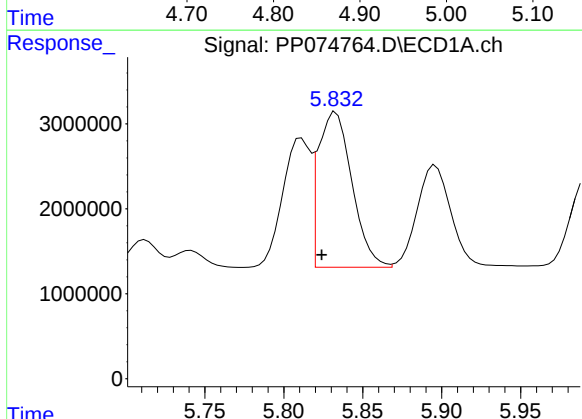
R.T.: 5.811 min
Delta R.T.: 0.009 min
Response: 18753613
Conc: 425.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



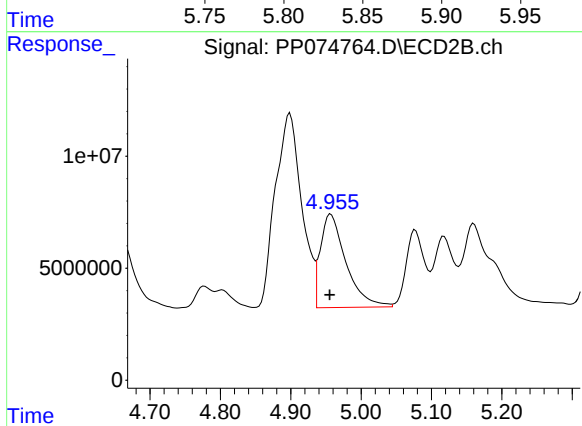
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: 0.002 min
Response: 227456986
Conc: 446.56 ng/ml



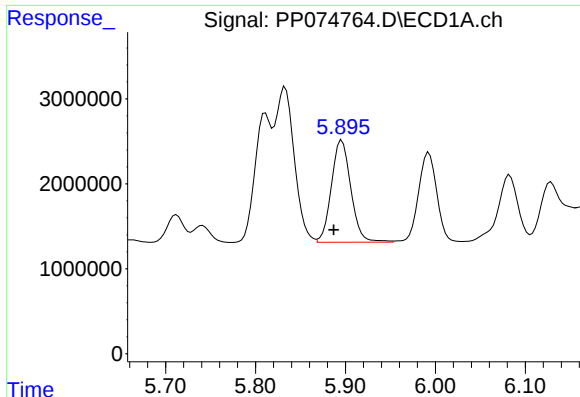
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.009 min
Response: 27177467
Conc: 432.48 ng/ml



#4 AR-1016-2

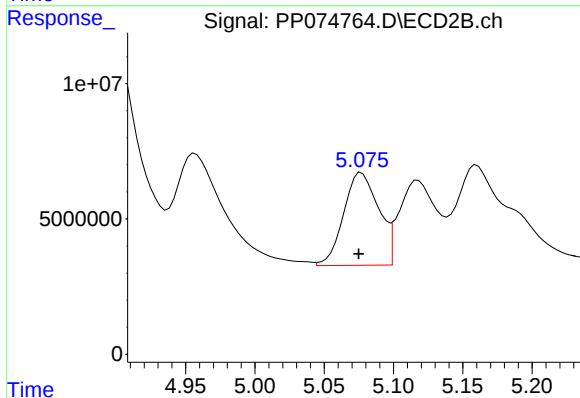
R.T.: 4.957 min
Delta R.T.: 0.001 min
Response: 105649509
Conc: 443.88 ng/ml



#5 AR-1016-3

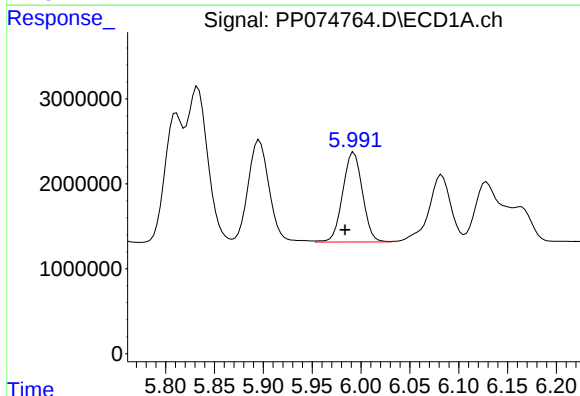
R.T.: 5.896 min
Delta R.T.: 0.009 min
Response: 18049391
Conc: 401.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



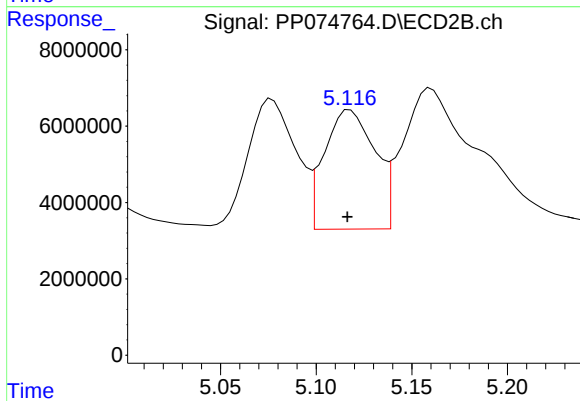
#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: 0.002 min
Response: 60345195
Conc: 437.59 ng/ml



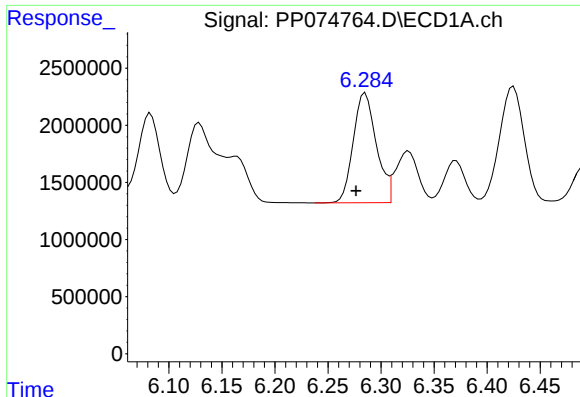
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.009 min
Response: 14876199
Conc: 422.84 ng/ml



#6 AR-1016-4

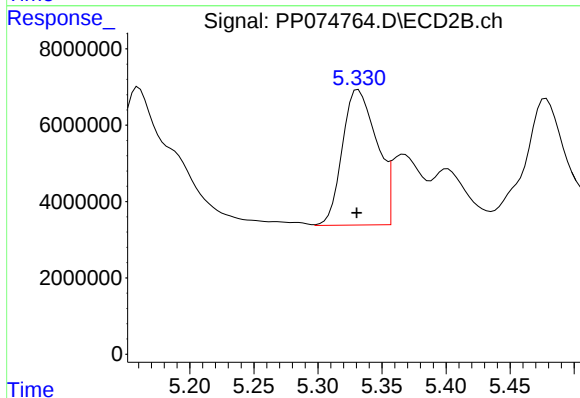
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 57211459
Conc: 409.23 ng/ml



#7 AR-1016-5

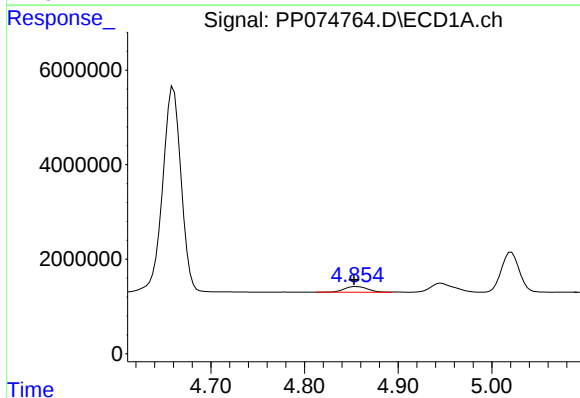
R.T.: 6.285 min
Delta R.T.: 0.009 min
Response: 14565296
Conc: 438.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



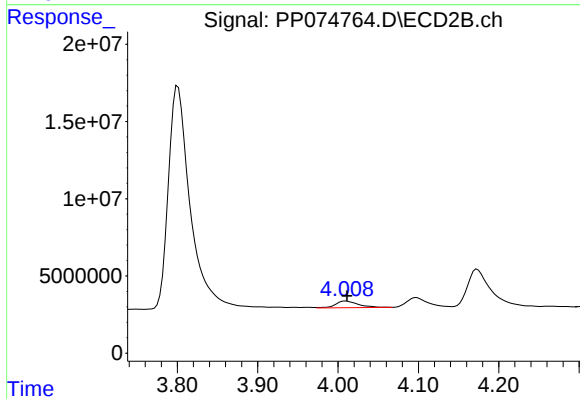
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: 0.001 min
Response: 66294665
Conc: 399.16 ng/ml



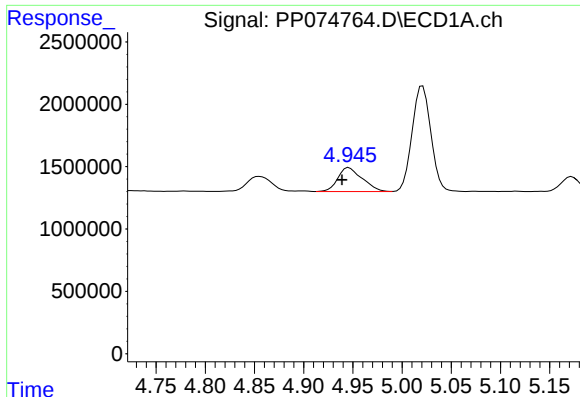
#8 AR-1221-1

R.T.: 4.855 min
Delta R.T.: 0.002 min
Response: 2109782
Conc: 119.92 ng/ml



#8 AR-1221-1

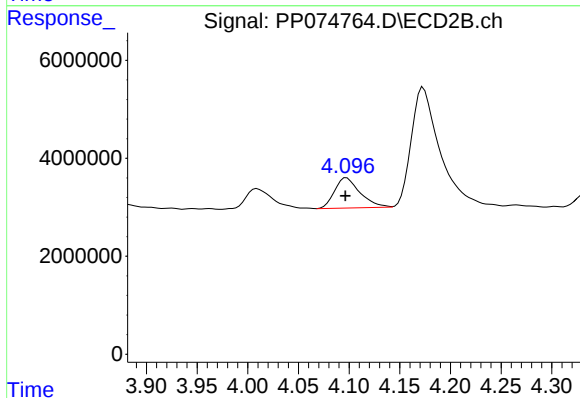
R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 8401851
Conc: 135.80 ng/ml



#9 AR-1221-2

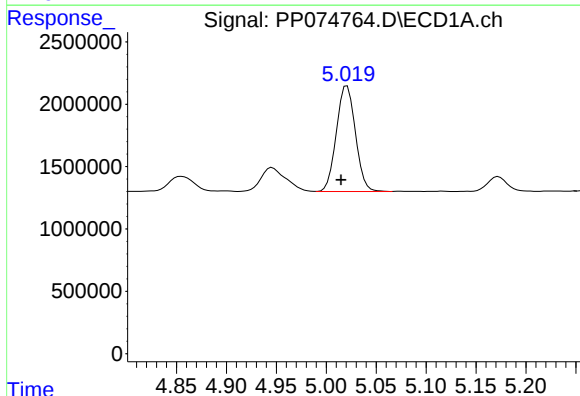
R.T.: 4.946 min
Delta R.T.: 0.007 min
Response: 3288451
Conc: 246.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



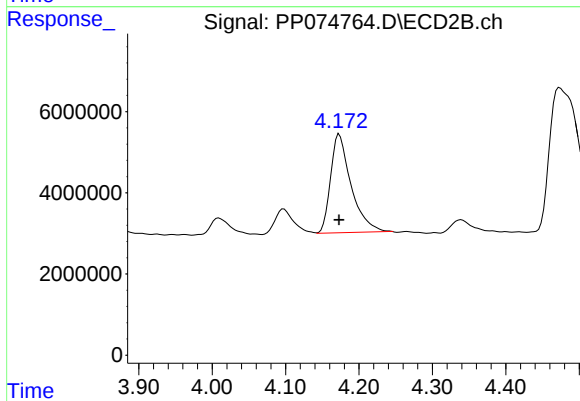
#9 AR-1221-2

R.T.: 4.098 min
Delta R.T.: 0.001 min
Response: 10753650
Conc: 237.85 ng/ml



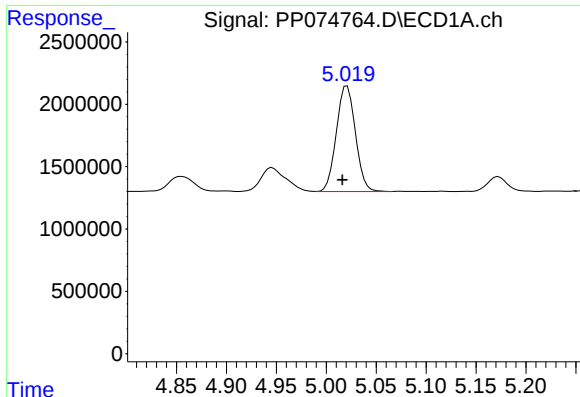
#10 AR-1221-3

R.T.: 5.021 min
Delta R.T.: 0.006 min
Response: 11255302
Conc: 296.87 ng/ml



#10 AR-1221-3

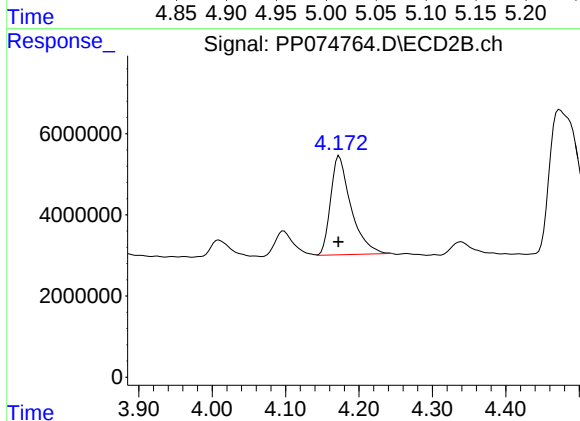
R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 47200109
Conc: 287.29 ng/ml



#11 AR-1232-1

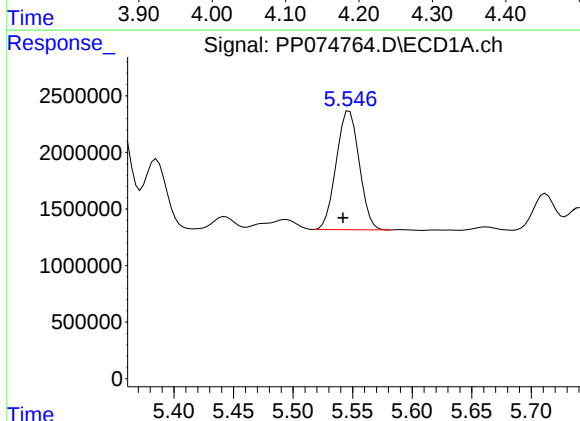
R.T.: 5.021 min
Delta R.T.: 0.005 min
Response: 11255302
Conc: 370.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



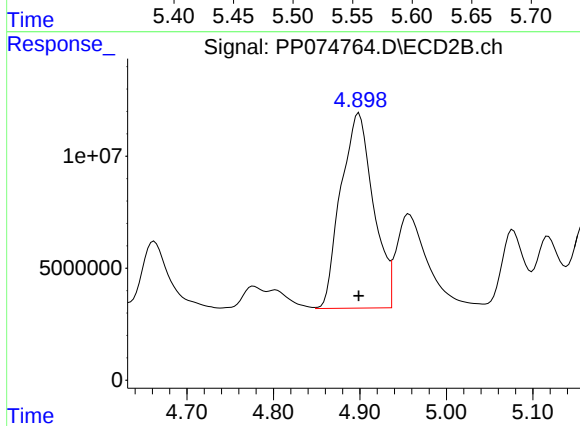
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: 0.001 min
Response: 47200109
Conc: 368.48 ng/ml



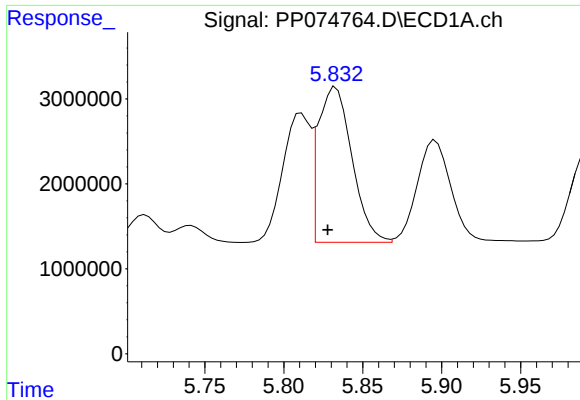
#12 AR-1232-2

R.T.: 5.547 min
Delta R.T.: 0.005 min
Response: 14129738
Conc: 896.66 ng/ml



#12 AR-1232-2

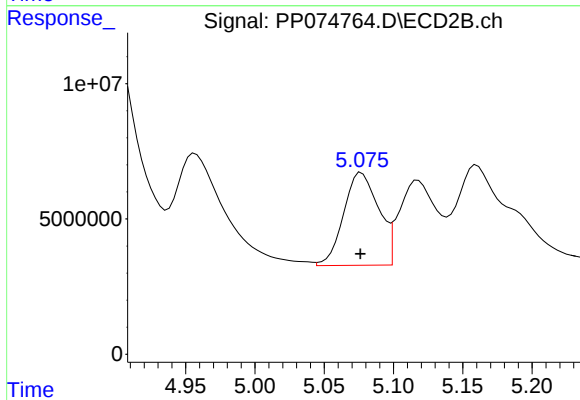
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227456986
Conc: 981.29 ng/ml



#13 AR-1232-3

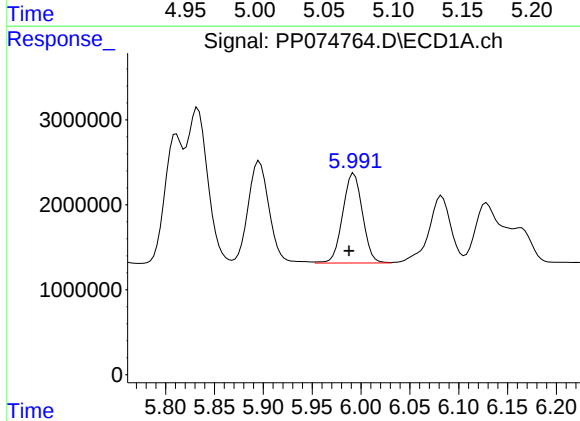
R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 27177467
Conc: 889.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



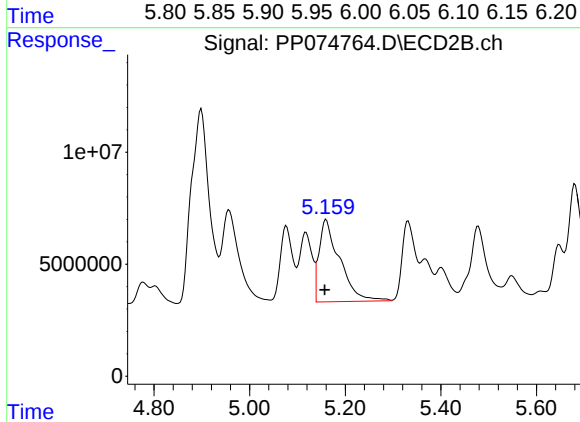
#13 AR-1232-3

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 60345195
Conc: 1004.75 ng/ml



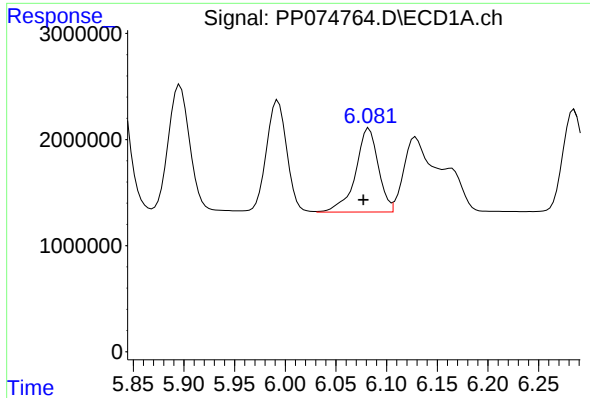
#14 AR-1232-4

R.T.: 5.993 min
Delta R.T.: 0.005 min
Response: 14876199
Conc: 861.43 ng/ml



#14 AR-1232-4

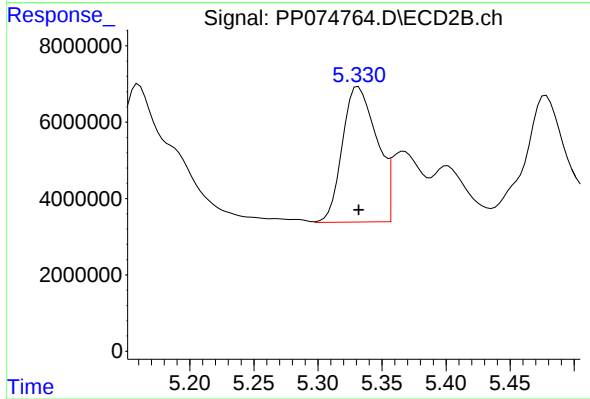
R.T.: 5.160 min
Delta R.T.: 0.003 min
Response: 110595692
Conc: 1500.47 ng/ml



#15 AR-1232-5

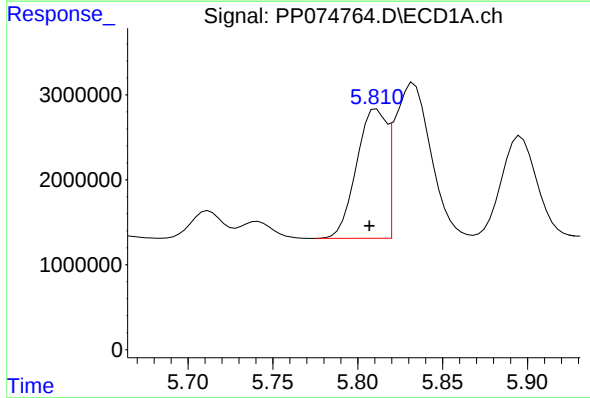
R.T.: 6.083 min
Delta R.T.: 0.005 min
Response: 12357049
Conc: 951.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



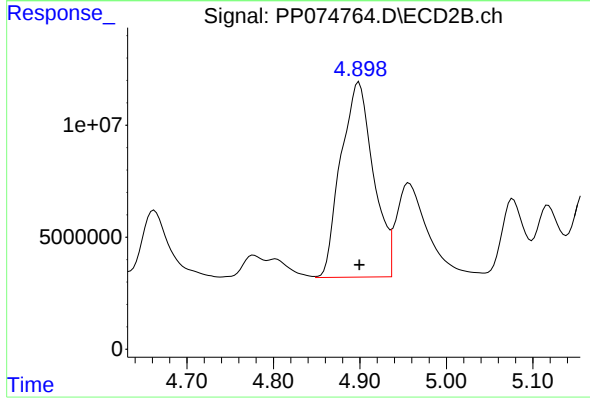
#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 66294665
Conc: 1067.83 ng/ml



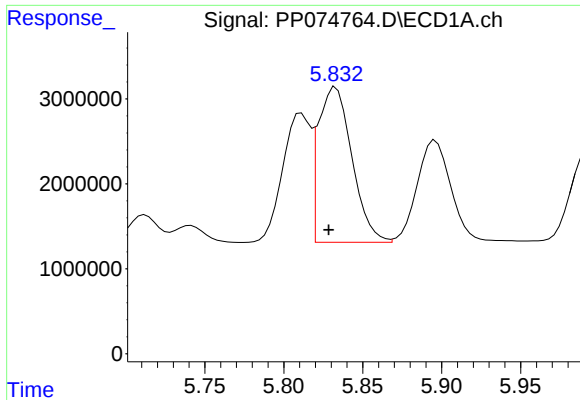
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: 0.004 min
Response: 18753613
Conc: 489.97 ng/ml



#16 AR-1242-1

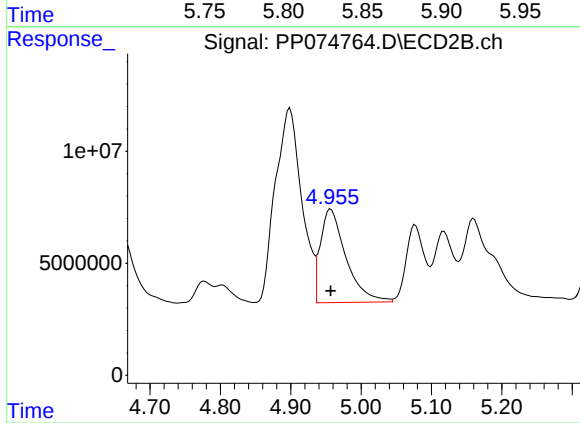
R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 227456986
Conc: 539.31 ng/ml



#17 AR-1242-2

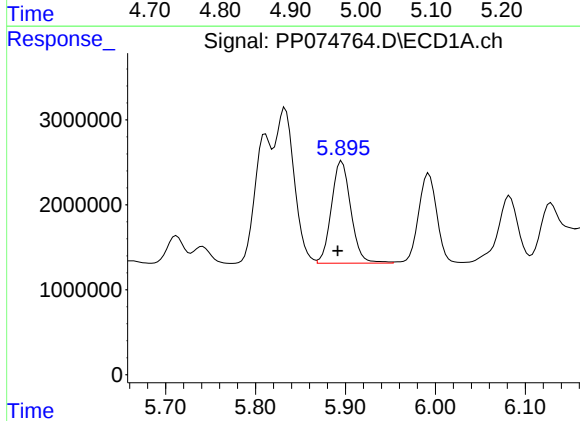
R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 27177467
Conc: 481.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



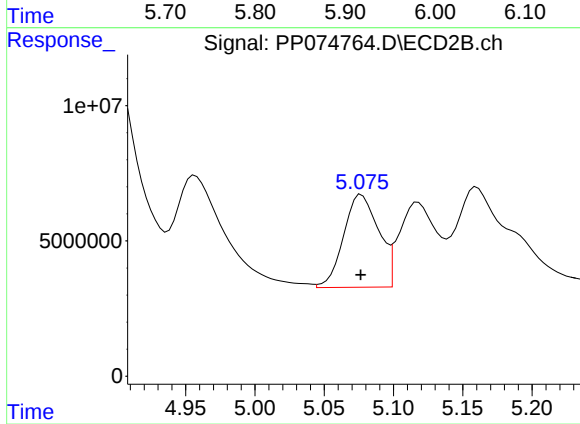
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 105649509
Conc: 527.50 ng/ml



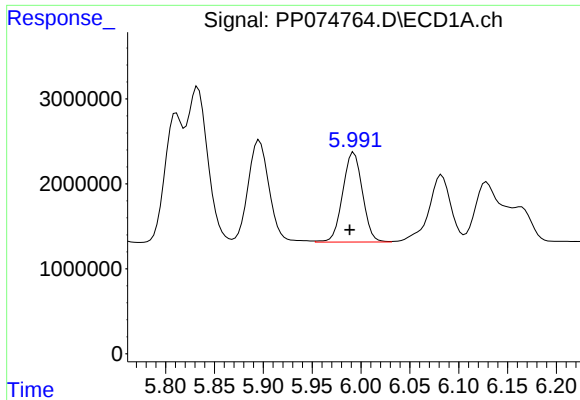
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.004 min
Response: 18049391
Conc: 444.53 ng/ml



#18 AR-1242-3

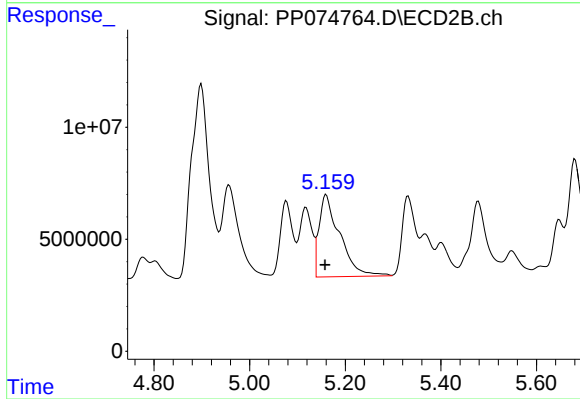
R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 60345195
Conc: 510.11 ng/ml



#19 AR-1242-4

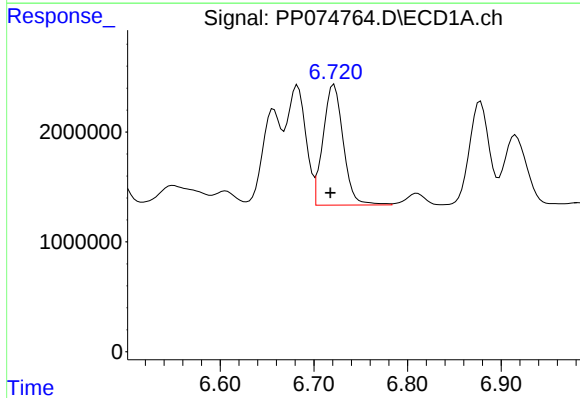
R.T.: 5.993 min
Delta R.T.: 0.004 min
Response: 14876199
Conc: 468.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



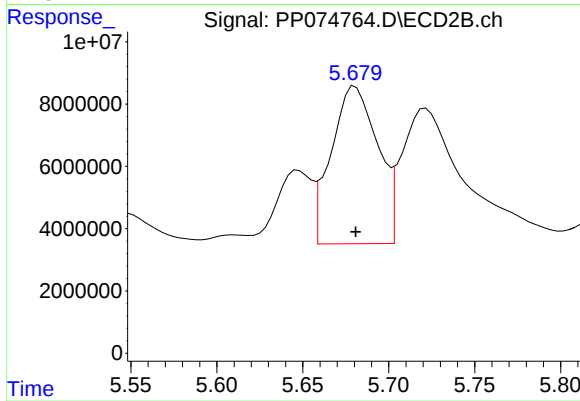
#19 AR-1242-4

R.T.: 5.160 min
Delta R.T.: 0.002 min
Response: 110595692
Conc: 646.16 ng/ml



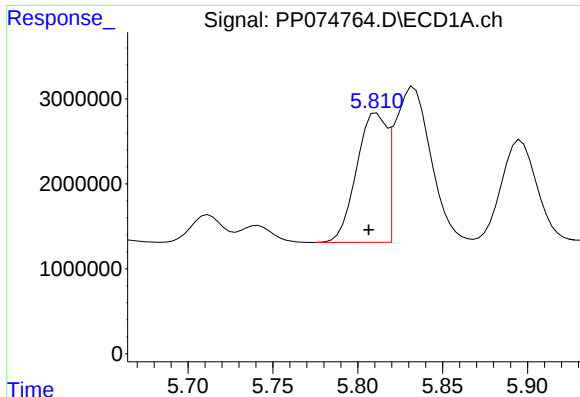
#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.004 min
Response: 16460122
Conc: 456.33 ng/ml



#20 AR-1242-5

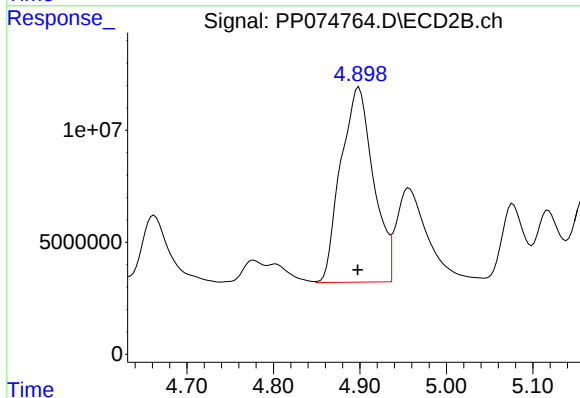
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 95336988
Conc: 514.88 ng/ml



#21 AR-1248-1

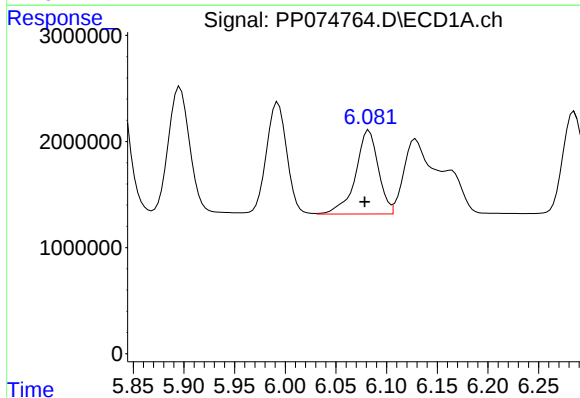
R.T.: 5.811 min
Delta R.T.: 0.005 min
Response: 18753613
Conc: 620.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



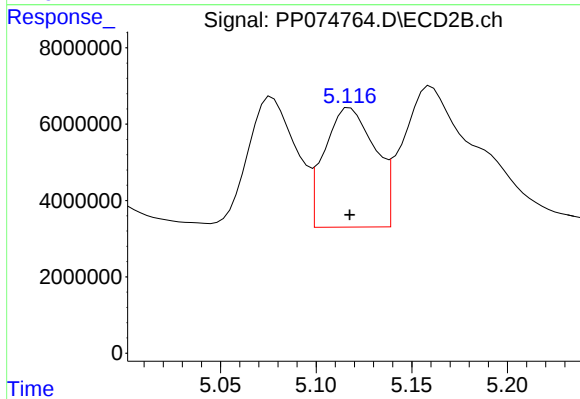
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: 0.001 min
Response: 227456986
Conc: 823.69 ng/ml



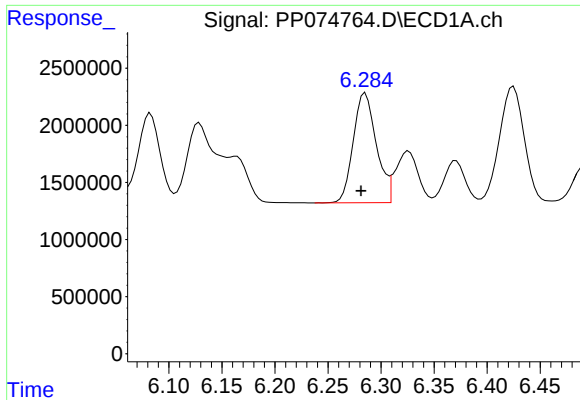
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: 0.004 min
Response: 12357049
Conc: 286.73 ng/ml



#22 AR-1248-2

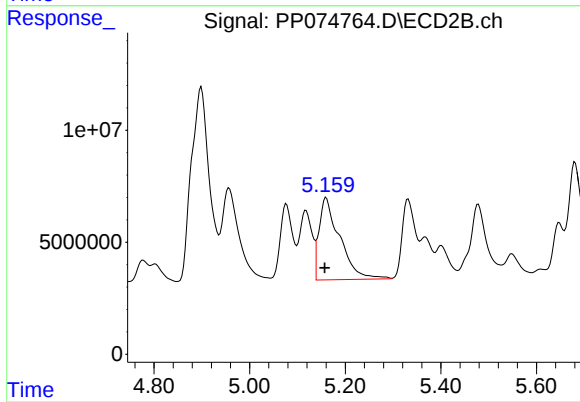
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 57211459
Conc: 323.68 ng/ml



#23 AR-1248-3

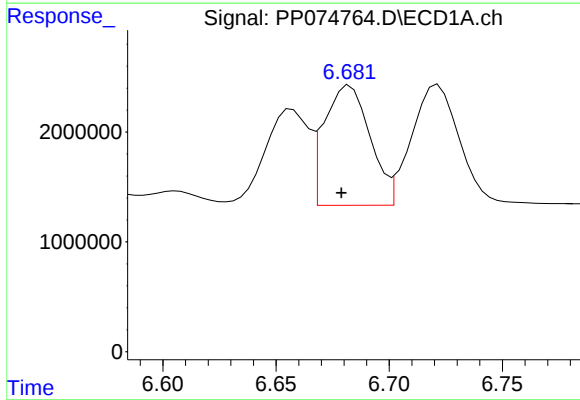
R.T.: 6.285 min
Delta R.T.: 0.004 min
Response: 14565296
Conc: 311.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



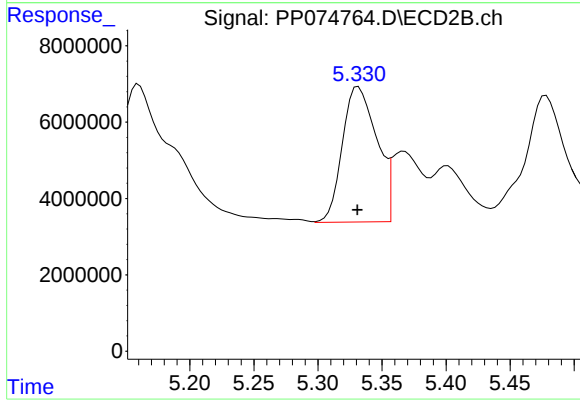
#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.003 min
Response: 110595692
Conc: 486.77 ng/ml



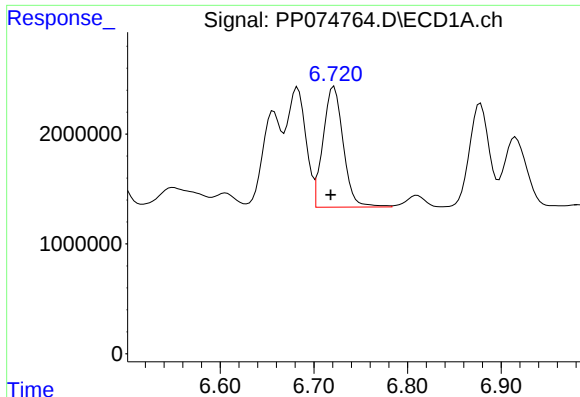
#24 AR-1248-4

R.T.: 6.683 min
Delta R.T.: 0.004 min
Response: 15389107
Conc: 279.80 ng/ml



#24 AR-1248-4

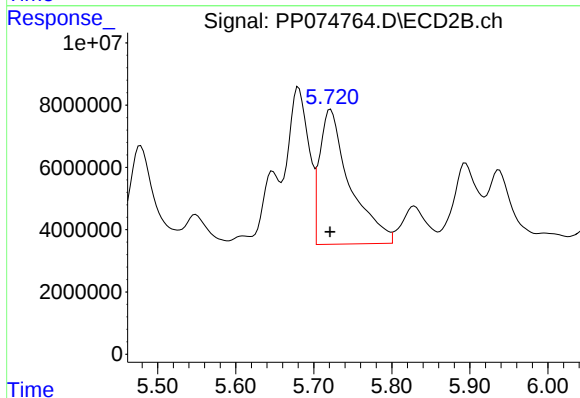
R.T.: 5.332 min
Delta R.T.: 0.000 min
Response: 66294665
Conc: 304.07 ng/ml



#25 AR-1248-5

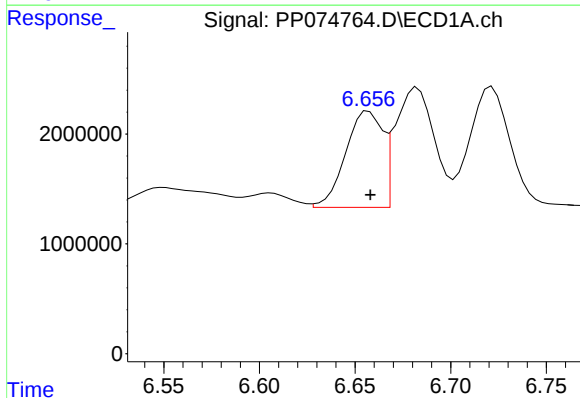
R.T.: 6.722 min
Delta R.T.: 0.004 min
Response: 16460122
Conc: 296.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



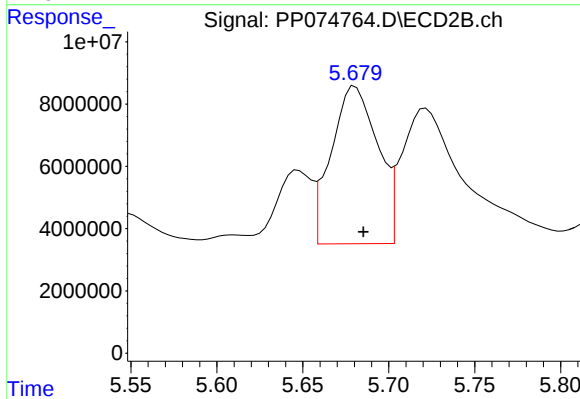
#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 116420836
Conc: 316.94 ng/ml



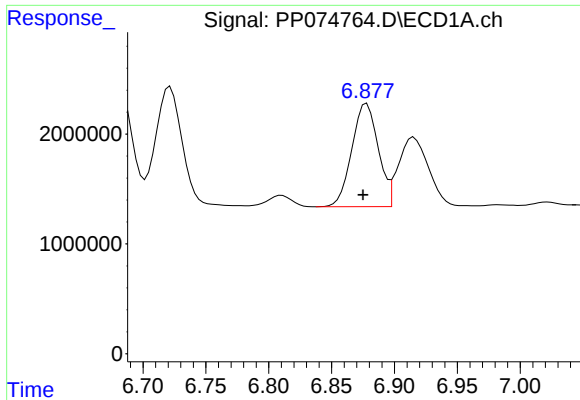
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 11772174
Conc: 202.03 ng/ml



#26 AR-1254-1

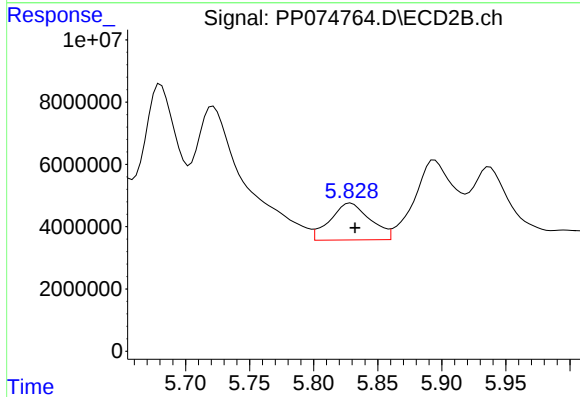
R.T.: 5.681 min
Delta R.T.: -0.005 min
Response: 95336988
Conc: 199.99 ng/ml



#27 AR-1254-2

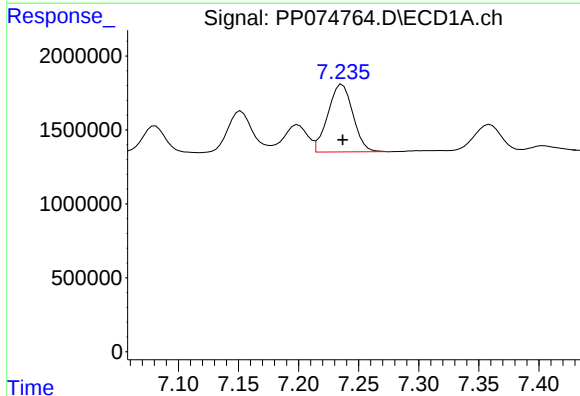
R.T.: 6.878 min
Delta R.T.: 0.003 min
Response: 13728934
Conc: 168.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



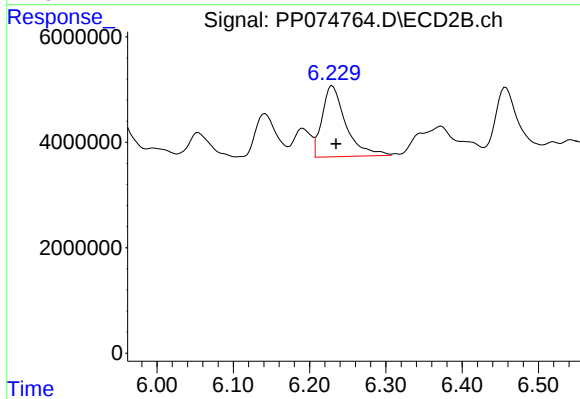
#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 25793031
Conc: 73.25 ng/ml



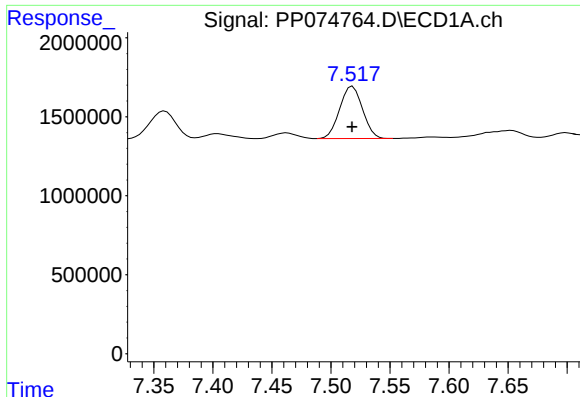
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 6646959
Conc: 74.51 ng/ml



#28 AR-1254-3

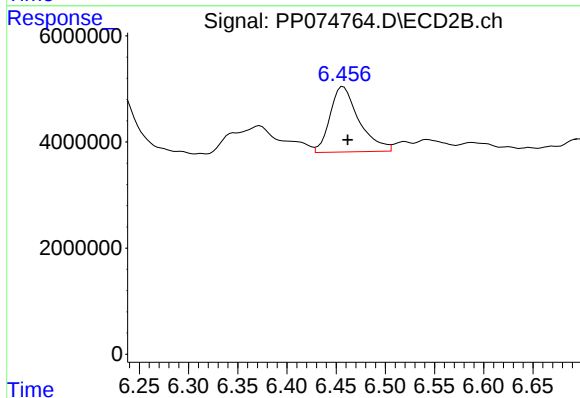
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 29122999
Conc: 46.99 ng/ml



#29 AR-1254-4

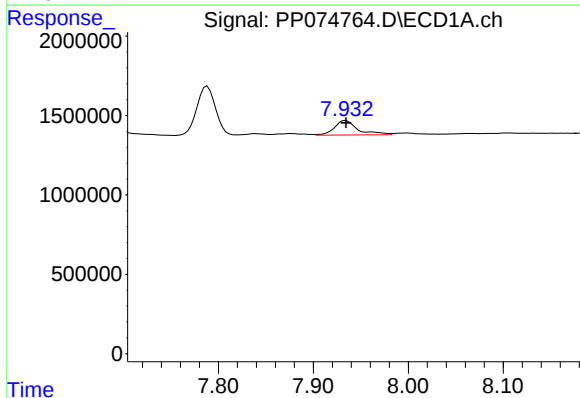
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4455653
Conc: 67.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



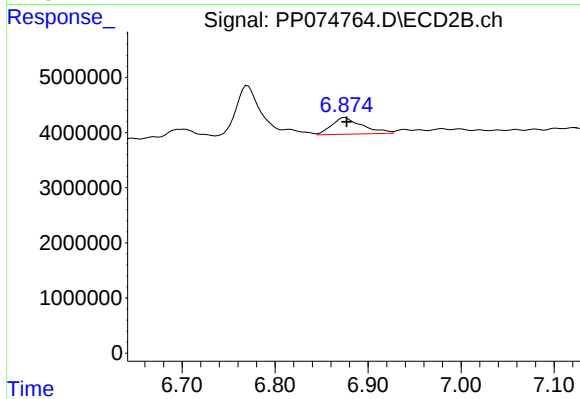
#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.005 min
Response: 25256941
Conc: 53.90 ng/ml



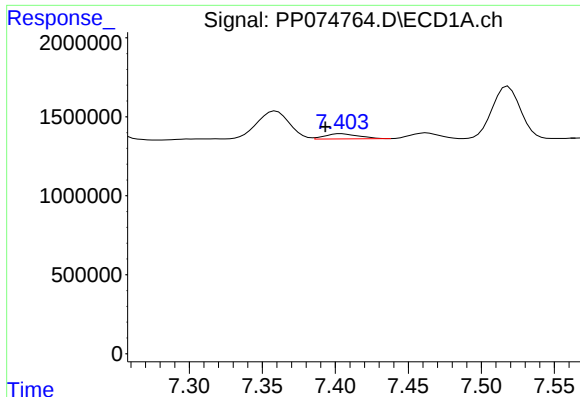
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 1591905
Conc: 19.16 ng/ml



#30 AR-1254-5

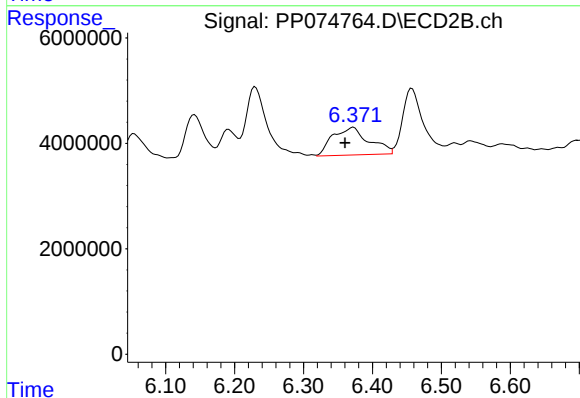
R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 6903314
Conc: 14.07 ng/ml



#31 AR-1260-1

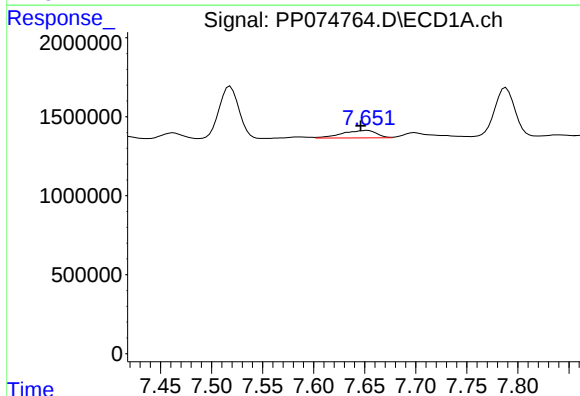
R.T.: 7.404 min
Delta R.T.: 0.011 min
Response: 519436
Conc: 8.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



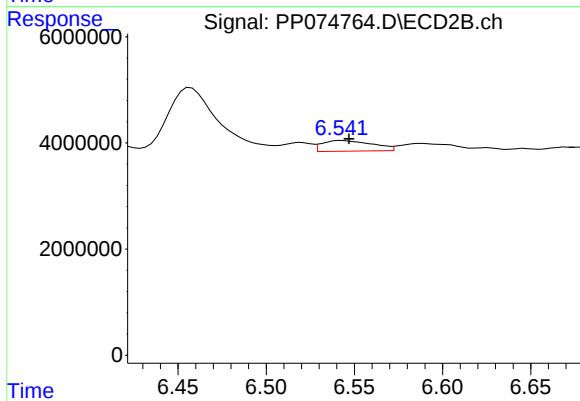
#31 AR-1260-1

R.T.: 6.372 min
Delta R.T.: 0.012 min
Response: 19301542
Conc: 51.44 ng/ml



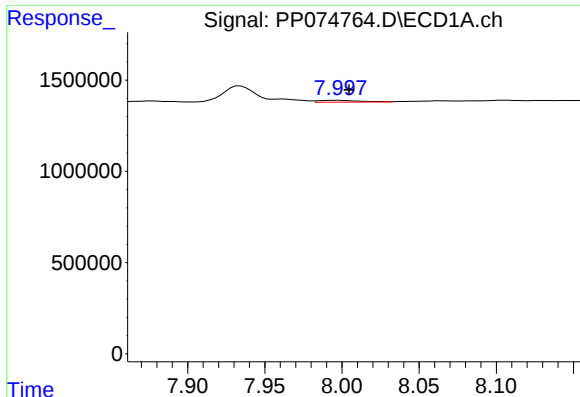
#32 AR-1260-2

R.T.: 7.653 min
Delta R.T.: 0.007 min
Response: 1103693
Conc: 16.01 ng/ml



#32 AR-1260-2

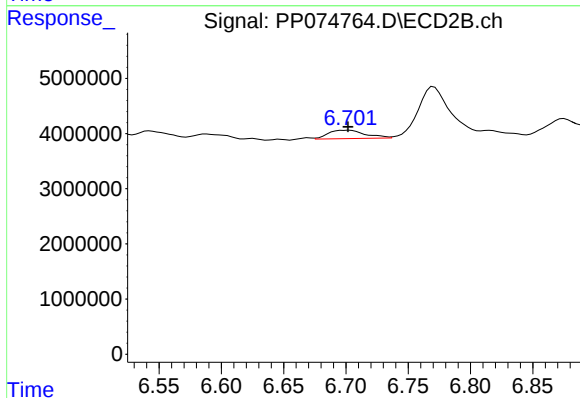
R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 3995629
Conc: 7.56 ng/ml



#33 AR-1260-3

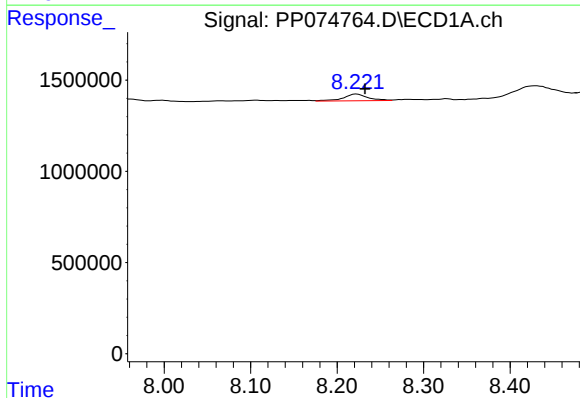
R.T.: 7.999 min
Delta R.T.: -0.006 min
Response: 198321
Conc: 3.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



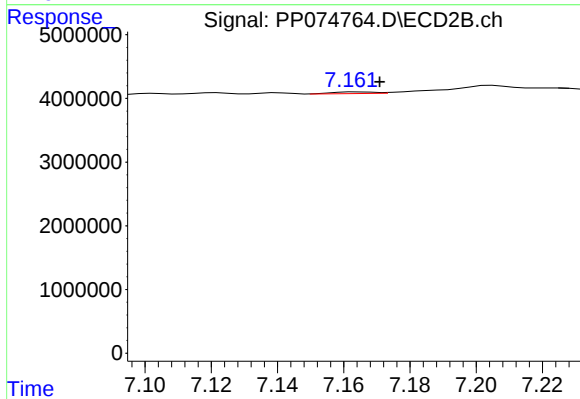
#33 AR-1260-3

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 3158191
Conc: 7.29 ng/ml



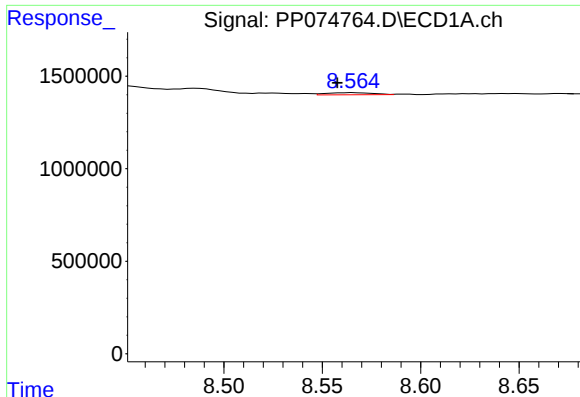
#34 AR-1260-4

R.T.: 8.222 min
Delta R.T.: -0.010 min
Response: 709544
Conc: 11.12 ng/ml



#34 AR-1260-4

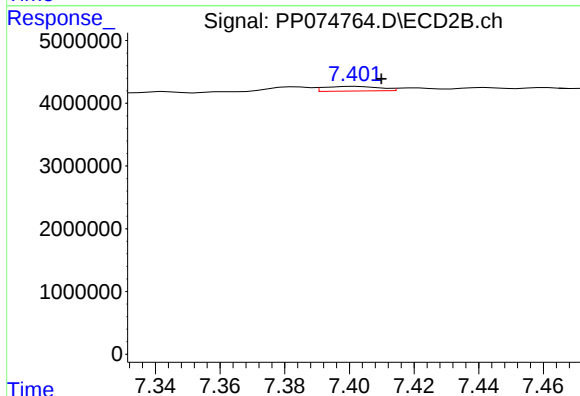
R.T.: 7.164 min
Delta R.T.: -0.007 min
Response: 232117
Conc: 0.61 ng/ml



#35 AR-1260-5

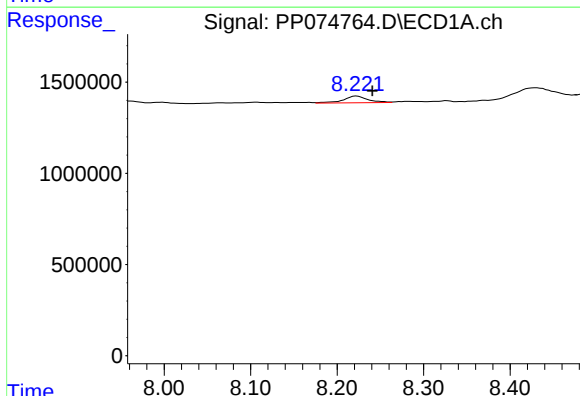
R.T.: 8.566 min
Delta R.T.: 0.008 min
Response: 184355
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



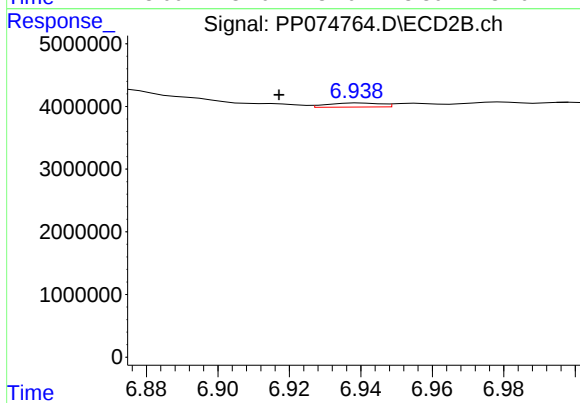
#35 AR-1260-5

R.T.: 7.402 min
Delta R.T.: -0.008 min
Response: 887074
Conc: 0.88 ng/ml



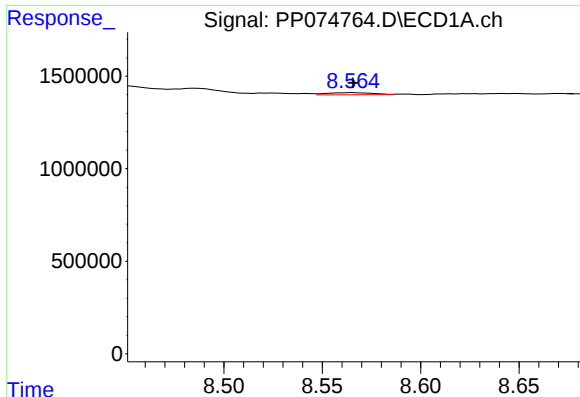
#36 AR-1262-1

R.T.: 8.222 min
Delta R.T.: -0.018 min
Response: 709544
Conc: 9.21 ng/ml



#36 AR-1262-1

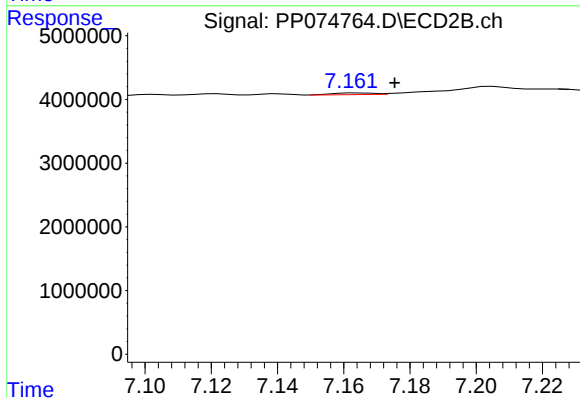
R.T.: 6.940 min
Delta R.T.: 0.023 min
Response: 663540
Conc: 0.94 ng/ml



#37 AR-1262-2

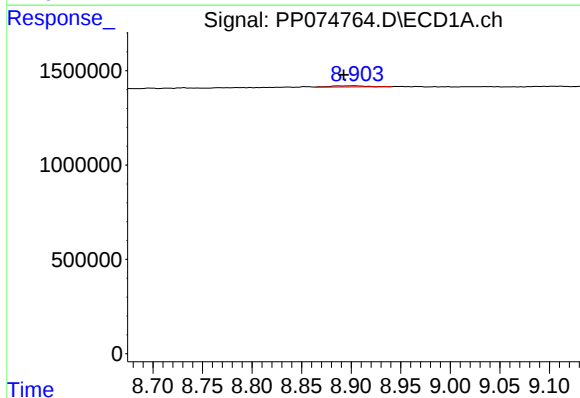
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 184355
Conc: 1.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



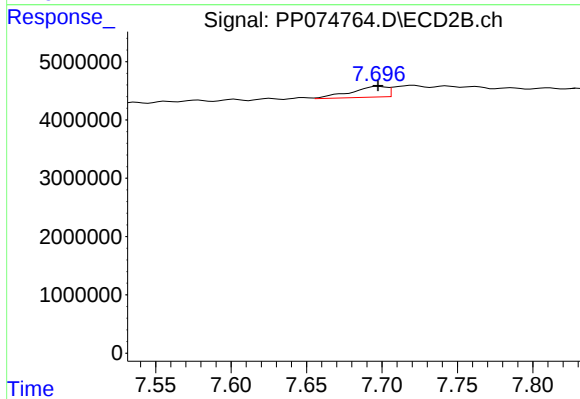
#37 AR-1262-2

R.T.: 7.164 min
Delta R.T.: -0.012 min
Response: 232117
Conc: 0.45 ng/ml



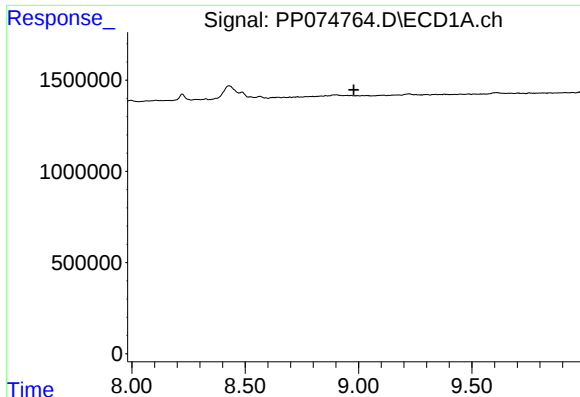
#38 AR-1262-3

R.T.: 8.904 min
Delta R.T.: 0.012 min
Response: 129234
Conc: 1.33 ng/ml



#38 AR-1262-3

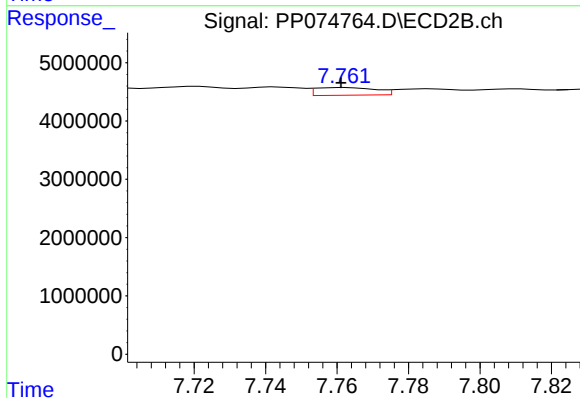
R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 3069746
Conc: 6.58 ng/ml



#39 AR-1262-4

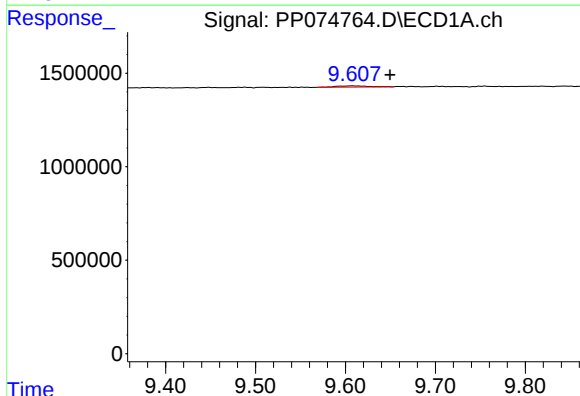
R.T.: 0.000 min
Exp R.T.: 8.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



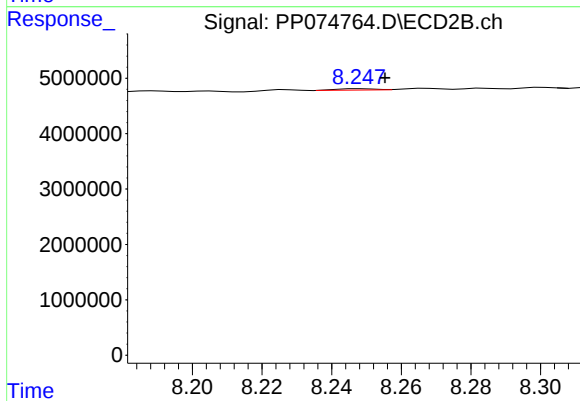
#39 AR-1262-4

R.T.: 7.763 min
Delta R.T.: 0.001 min
Response: 1539061
Conc: 1.87 ng/ml



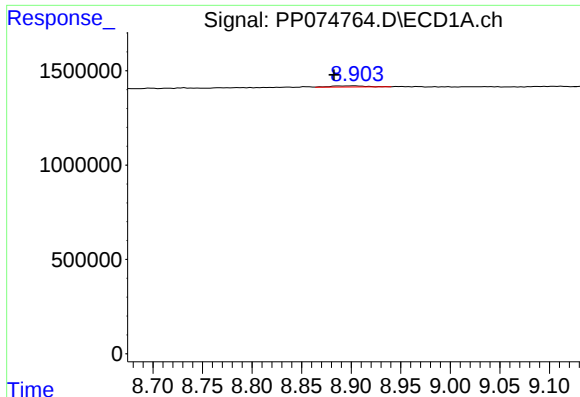
#40 AR-1262-5

R.T.: 9.608 min
Delta R.T.: -0.042 min
Response: 166868
Conc: 2.74 ng/ml



#40 AR-1262-5

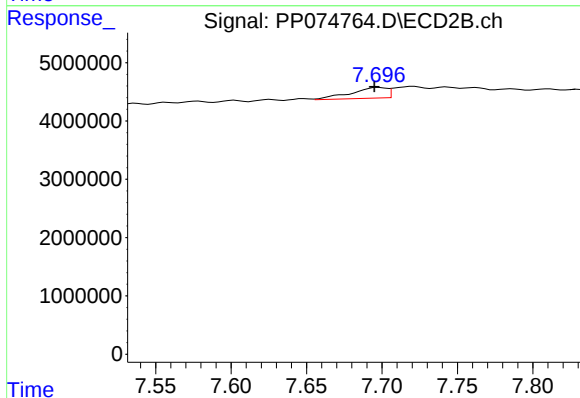
R.T.: 8.248 min
Delta R.T.: -0.007 min
Response: 197859
Conc: 0.55 ng/ml



#41 AR-1268-1

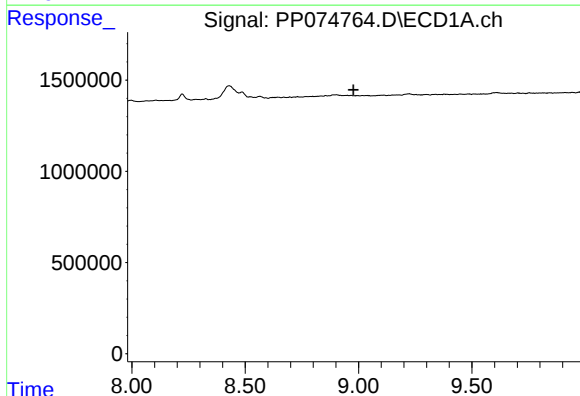
R.T.: 8.904 min
Delta R.T.: 0.021 min
Response: 129234
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



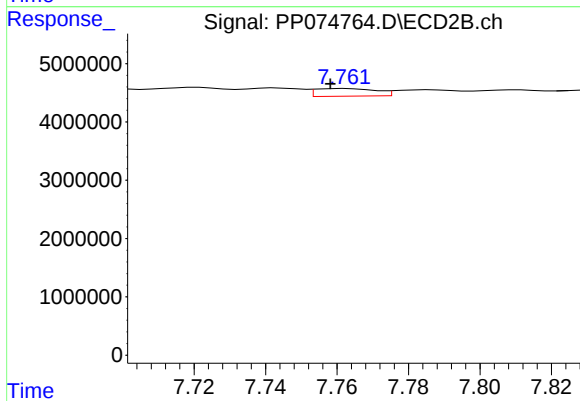
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.003 min
Response: 3069746
Conc: 2.18 ng/ml



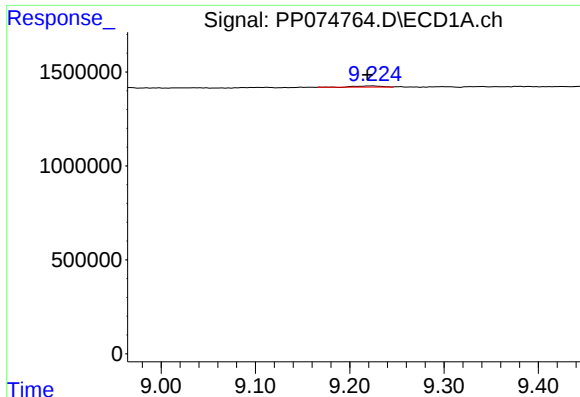
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.978 min
Response: 0
Conc: N.D.



#42 AR-1268-2

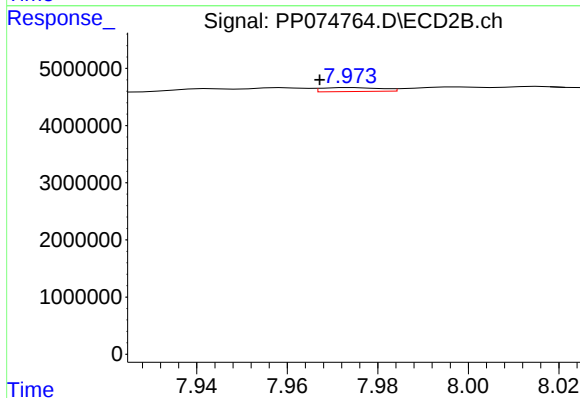
R.T.: 7.763 min
Delta R.T.: 0.004 min
Response: 1539061
Conc: 1.13 ng/ml



#43 AR-1268-3

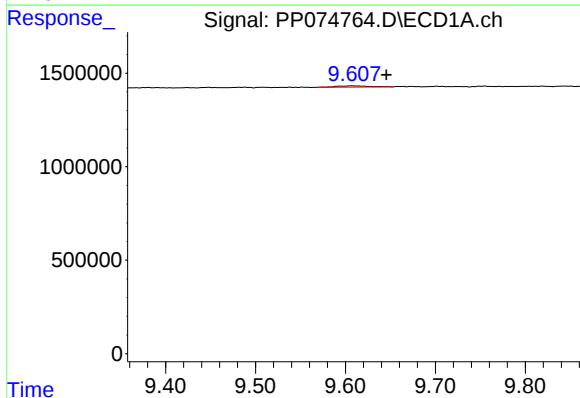
R.T.: 9.225 min
Delta R.T.: 0.007 min
Response: 103905
Conc: 0.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



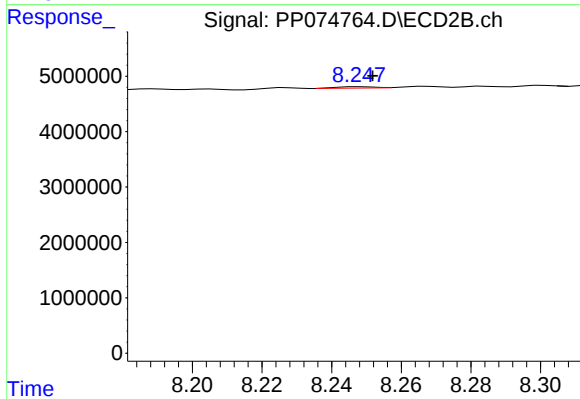
#43 AR-1268-3

R.T.: 7.975 min
Delta R.T.: 0.007 min
Response: 632164
Conc: 0.61 ng/ml



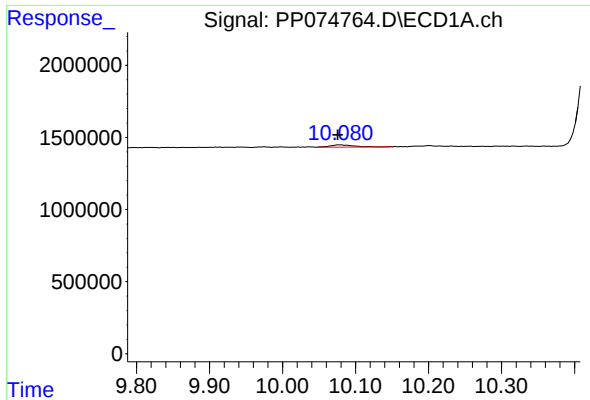
#44 AR-1268-4

R.T.: 9.608 min
Delta R.T.: -0.037 min
Response: 166868
Conc: 2.48 ng/ml



#44 AR-1268-4

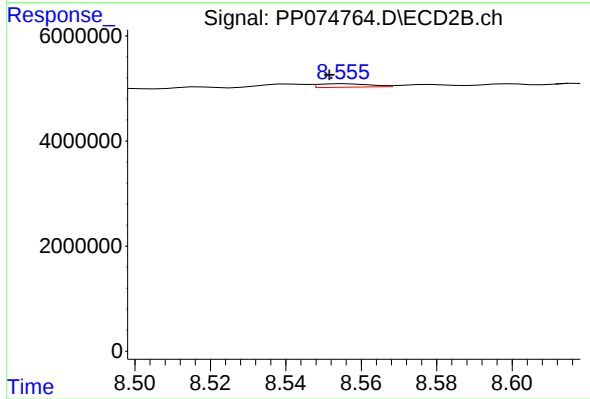
R.T.: 8.248 min
Delta R.T.: -0.003 min
Response: 197859
Conc: 0.52 ng/ml



#45 AR-1268-5

R.T.: 10.081 min
Delta R.T.: 0.005 min
Response: 388030
Conc: 1.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.556 min
Delta R.T.: 0.004 min
Response: 630425
Conc: 0.20 ng/ml