

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060834.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 12:23
 Operator : YP\AJ
 Sample : 04699-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 01:45:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.531	3.683	46671846	32342228	20.840	21.728
2)	SA Decachlor...	10.461	8.746	41001339	35315741	23.223	21.650
Target Compounds							
3)	L1 AR-1016-1	5.719	4.780	3677833	2713886	49.967	46.703
4)	L1 AR-1016-2	5.742	4.799	5173017	3541022	49.392	43.985
5)	L1 AR-1016-3	5.805	4.976	3277425	1987333	50.147	44.467
6)	L1 AR-1016-4	5.905	5.019	2601438	1646334	47.839	45.752
7)	L1 AR-1016-5	6.204	5.234	2633382	2020991	47.344	41.593
8)	L2 AR-1221-1	4.740	3.898	519129	347462	17.971	16.633
9)	L2 AR-1221-2	4.841	3.986	1265018	804225	59.210	53.935
10)	L2 AR-1221-3	4.908	4.062	2068814	1425791	34.066	32.458
11)	L3 AR-1232-1	4.908f	4.062	2068814	1425791	41.098	39.181
12)	L3 AR-1232-2	5.447f	4.799	2713470	3541022	99.094	97.098
13)	L3 AR-1232-3	5.742f	4.976	5173017	1987333	111.446	99.291
14)	L3 AR-1232-4	5.905f	5.061	2601438	2028429	105.837	108.680
15)	L3 AR-1232-5	5.996f	5.234	2222254	2020991	107.243	97.166
16)	L4 AR-1242-1	5.719	4.780	3677833	2713886	57.550	53.605
17)	L4 AR-1242-2	5.742	4.799	5173017	3541022	57.131	50.991
18)	L4 AR-1242-3	5.805	4.976	3277425	1987333	58.213	51.605
19)	L4 AR-1242-4	5.905	5.061	2601438	2028429	55.698	51.505
20)	L4 AR-1242-5	6.652	5.589	810386	2103205	16.112	42.995 #
21)	L5 AR-1248-1	5.719	4.780	3677833	2713886	79.052	74.366
22)	L5 AR-1248-2	5.996	5.019	2222254	1646334	32.051	31.496
23)	L5 AR-1248-3	6.204	5.061	2633382	2028429	34.673	36.532
24)	L5 AR-1248-4	6.612	5.234	882279	2020991	10.668	30.701 #
25)	L5 AR-1248-5	6.652	5.629	810386	498147	10.069	7.745
26)	L6 AR-1254-1	6.586	5.589	2457023	2103205	28.791	21.262 #
27)	L6 AR-1254-2	6.806	5.737	2102941	1530418	16.477	17.807
28)	L6 AR-1254-3	7.177	6.161	1315994	2862819	9.901	19.974 #
29)	L6 AR-1254-4	7.467	6.374	625494	201884	6.361	2.316 #
30)	L6 AR-1254-5	7.887	6.794	7248328	5435191	66.902	42.891 #
31)	L7 AR-1260-1	7.343	6.276	5732163	4444240	54.683	44.276
32)	L7 AR-1260-2	7.602	6.464	6413219	5293478	53.043	44.369
33)	L7 AR-1260-3	7.965	6.620	4887568	4765450	52.730	41.622
34)	L7 AR-1260-4	8.197	7.094	5611122	4159529	52.910	43.701
35)	L7 AR-1260-5	8.531	7.336	9896988	9555785	51.142	44.094
36)	L8 AR-1262-1	7.965	6.887	4887568	2113725	39.184	39.474
37)	L8 AR-1262-2	8.531	7.094	9896988	4159529	47.245	35.265 #
38)	L8 AR-1262-3	8.873	7.623	6760692	2391307	44.673	25.934 #
39)	L8 AR-1262-4	8.952	7.686	1780529	6439429	14.878	38.225 #
40)	L8 AR-1262-5	9.651	8.186	2682160	2094121	33.500	27.030
41)	L9 AR-1268-1	8.873f	7.623	6760692	2391307	25.483	8.797 #

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 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 15 Sample Multiplier: 1

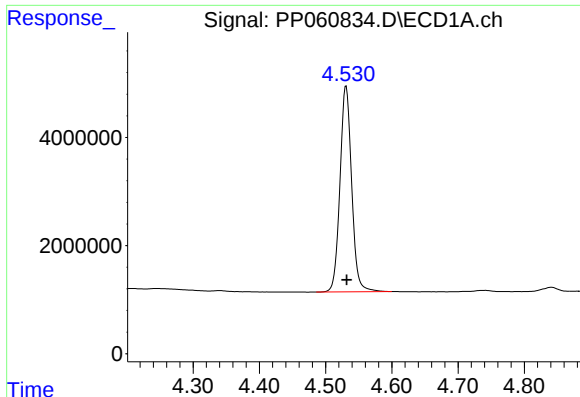
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 01:45:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
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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
42) L9	AR-1268-2	8.952	7.686	1780529	6439429	7.305	26.405 #
43) L9	AR-1268-3	0.000	7.895	0	510866	N.D.	2.388 #
44) L9	AR-1268-4	9.651	8.186	2682160	2094121	29.033	23.868
45) L9	AR-1268-5	10.097	8.484	903580	782252	1.427	1.252

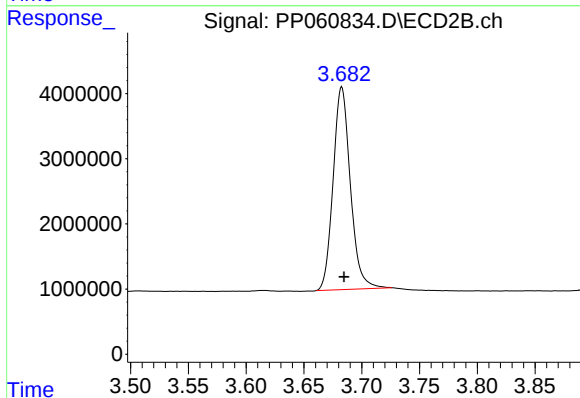
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

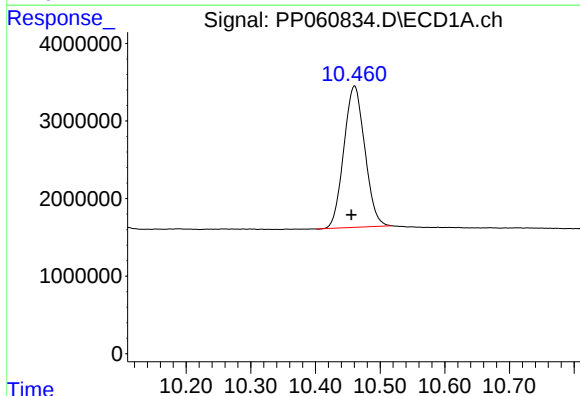
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 46671846
Conc: 20.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



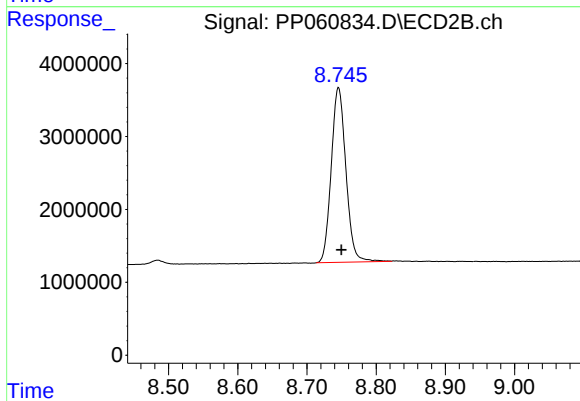
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 32342228
Conc: 21.73 ng/ml



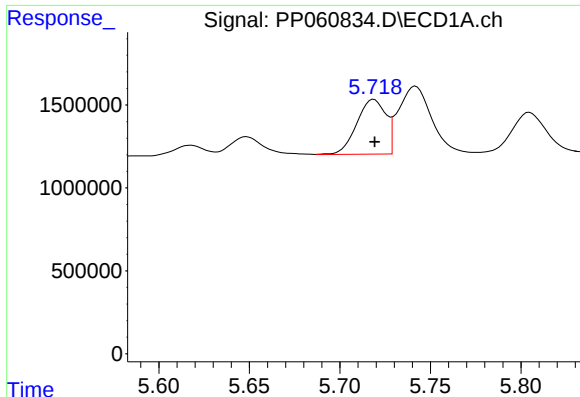
#2 Decachlorobiphenyl

R.T.: 10.461 min
Delta R.T.: 0.005 min
Response: 41001339
Conc: 23.22 ng/ml



#2 Decachlorobiphenyl

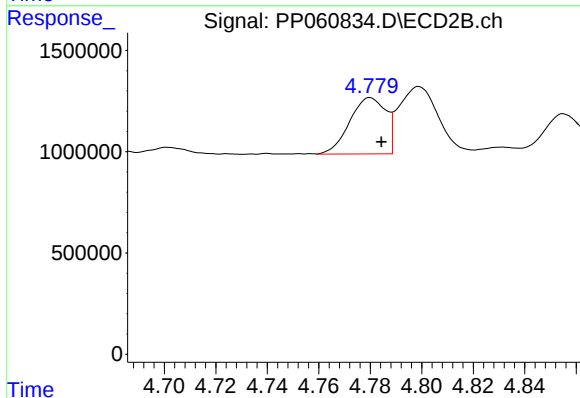
R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 35315741
Conc: 21.65 ng/ml



#3 AR-1016-1

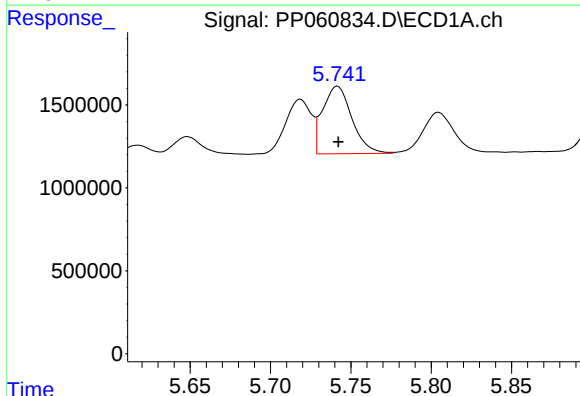
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3677833
Conc: 49.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



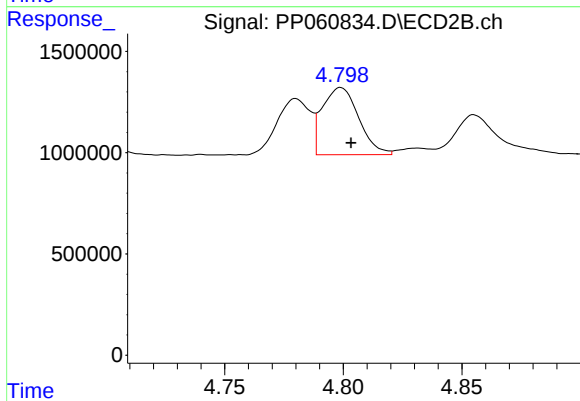
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 2713886
Conc: 46.70 ng/ml



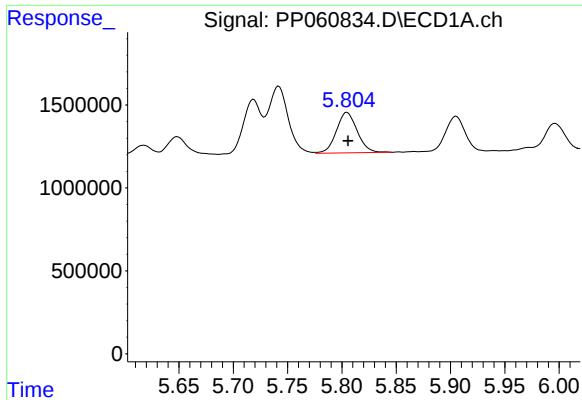
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 5173017
Conc: 49.39 ng/ml



#4 AR-1016-2

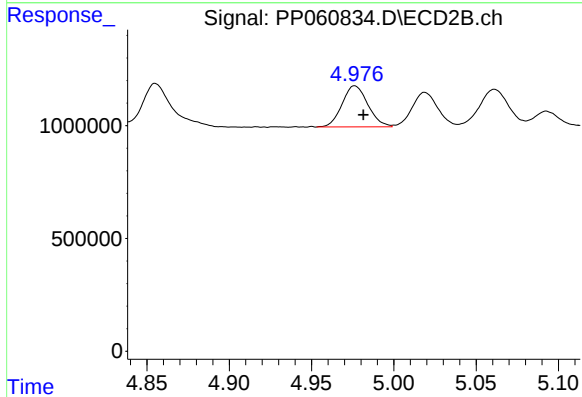
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 3541022
Conc: 43.98 ng/ml



#5 AR-1016-3

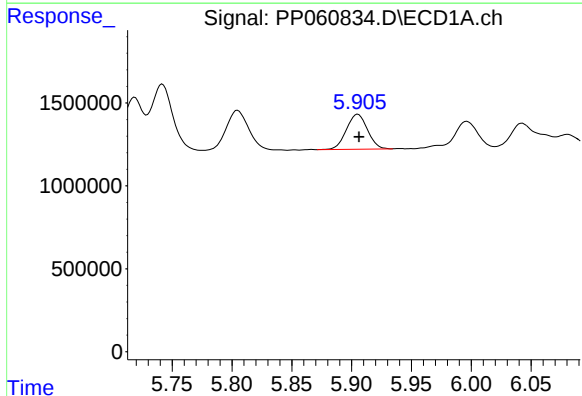
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 3277425
Conc: 50.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



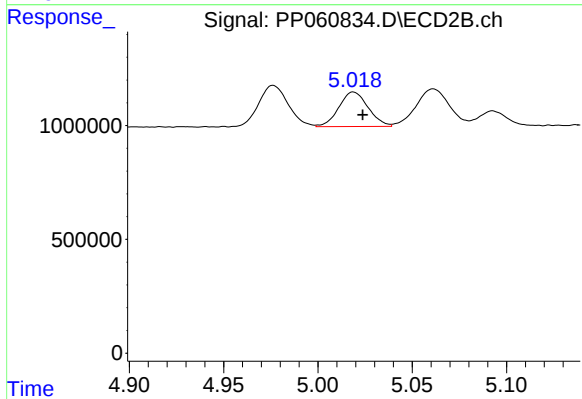
#5 AR-1016-3

R.T.: 4.976 min
Delta R.T.: -0.005 min
Response: 1987333
Conc: 44.47 ng/ml



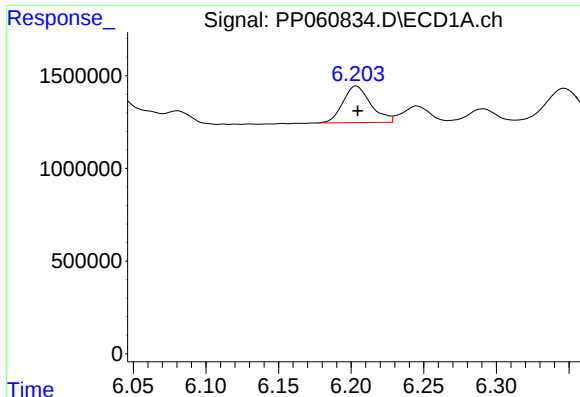
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 2601438
Conc: 47.84 ng/ml



#6 AR-1016-4

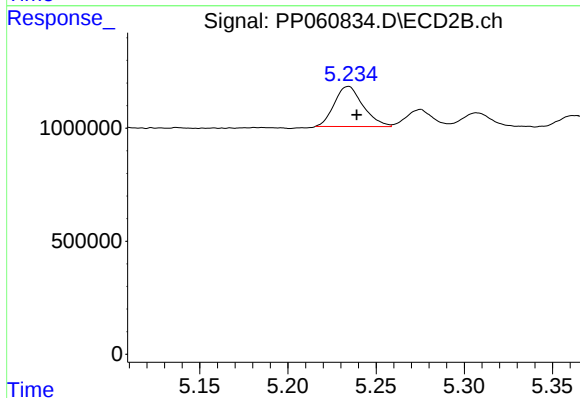
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 1646334
Conc: 45.75 ng/ml



#7 AR-1016-5

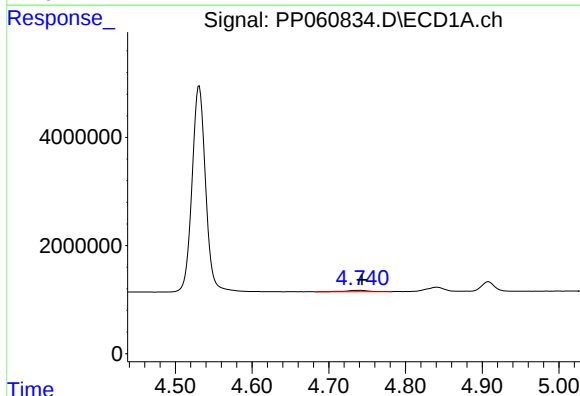
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2633382
Conc: 47.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



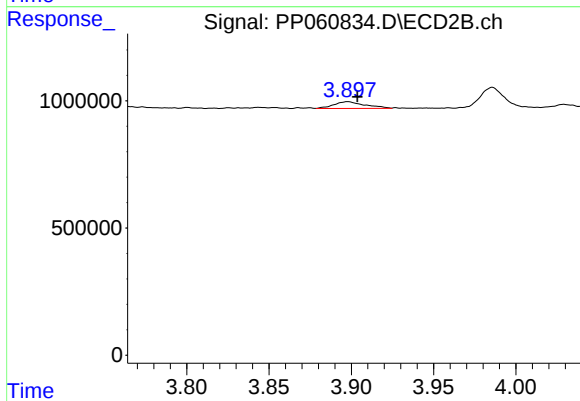
#7 AR-1016-5

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 2020991
Conc: 41.59 ng/ml



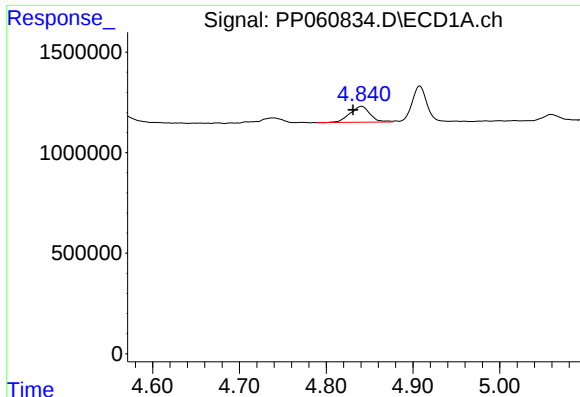
#8 AR-1221-1

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 519129
Conc: 17.97 ng/ml



#8 AR-1221-1

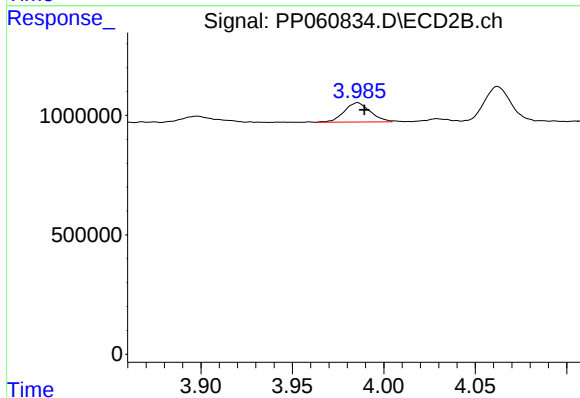
R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 347462
Conc: 16.63 ng/ml



#9 AR-1221-2

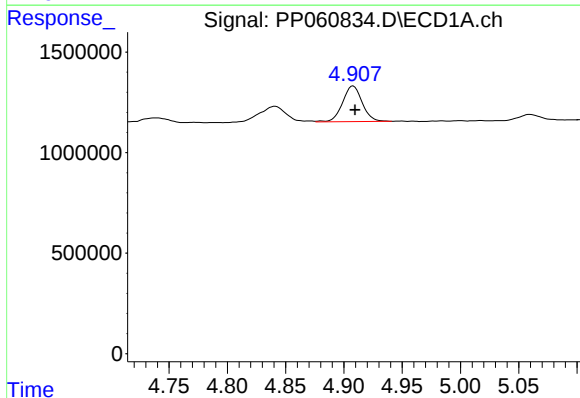
R.T.: 4.841 min
Delta R.T.: 0.010 min
Response: 1265018
Conc: 59.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



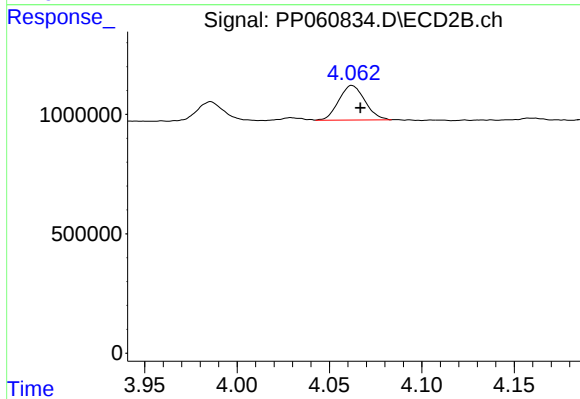
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.004 min
Response: 804225
Conc: 53.94 ng/ml



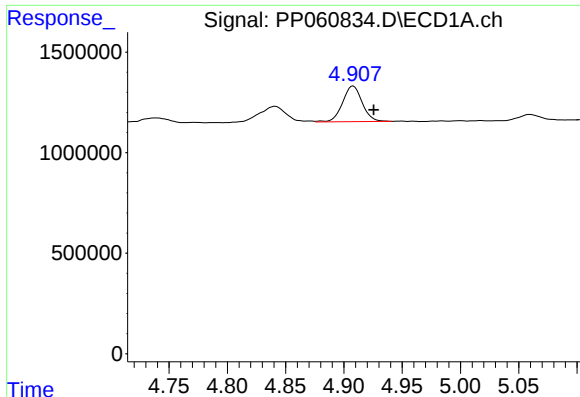
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 2068814
Conc: 34.07 ng/ml



#10 AR-1221-3

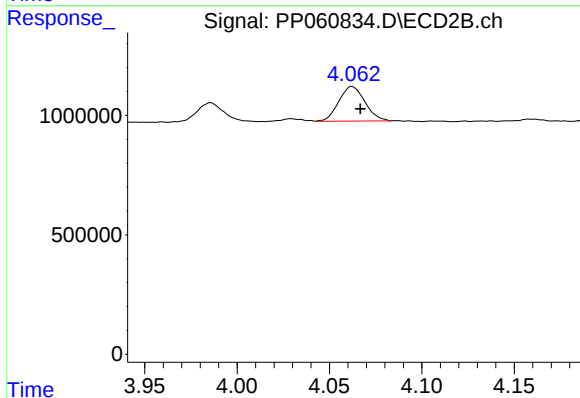
R.T.: 4.062 min
Delta R.T.: -0.005 min
Response: 1425791
Conc: 32.46 ng/ml



#11 AR-1232-1

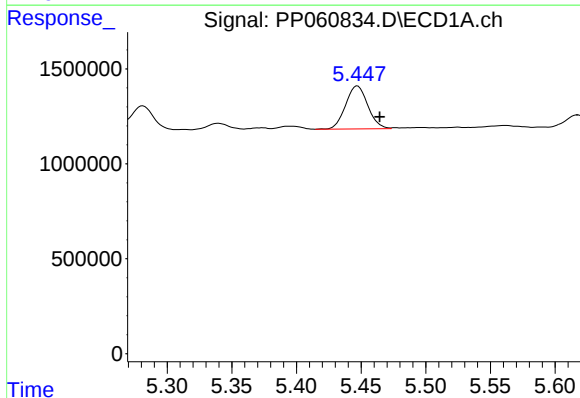
R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 2068814
Conc: 41.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



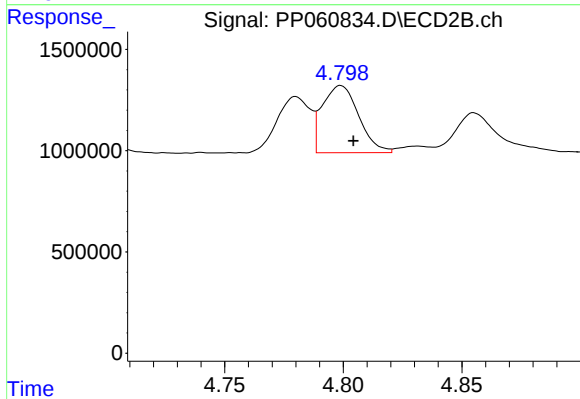
#11 AR-1232-1

R.T.: 4.062 min
Delta R.T.: -0.005 min
Response: 1425791
Conc: 39.18 ng/ml



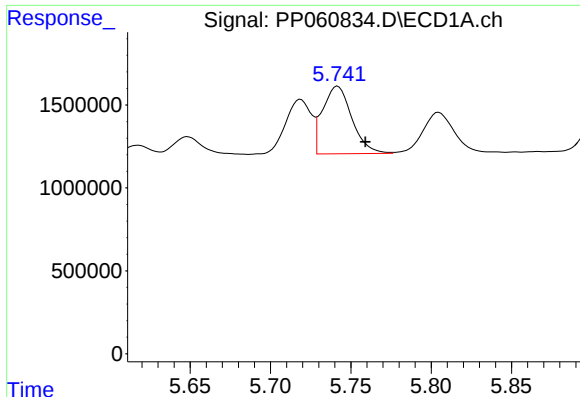
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.017 min
Response: 2713470
Conc: 99.09 ng/ml



#12 AR-1232-2

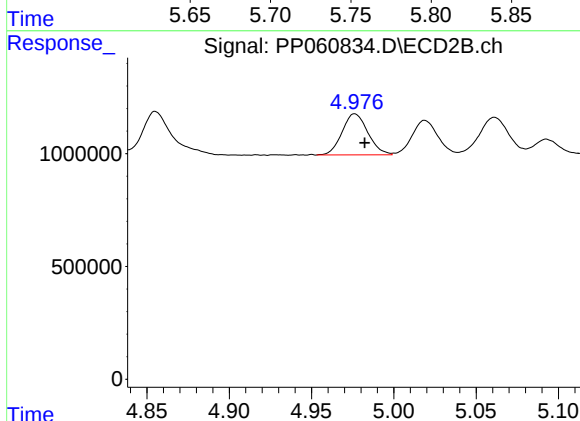
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 3541022
Conc: 97.10 ng/ml



#13 AR-1232-3

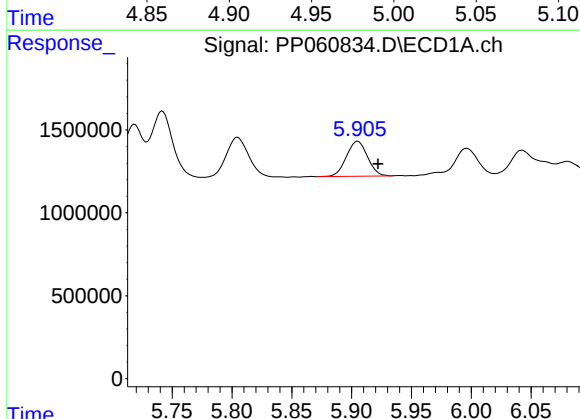
R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 5173017
Conc: 111.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



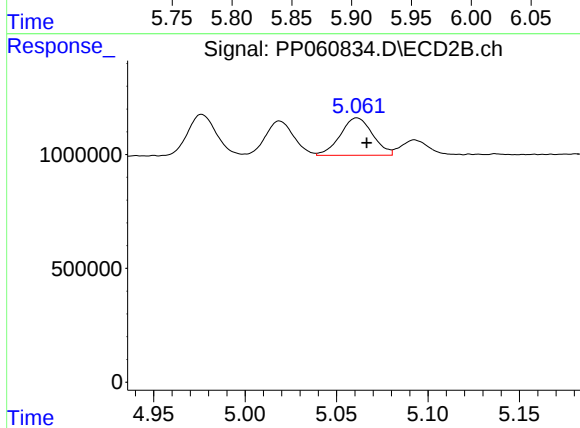
#13 AR-1232-3

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 1987333
Conc: 99.29 ng/ml



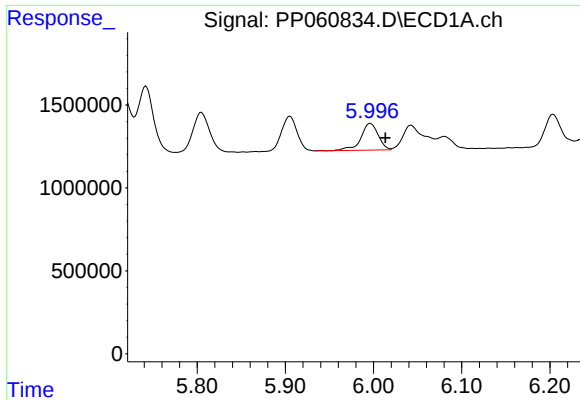
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 2601438
Conc: 105.84 ng/ml



#14 AR-1232-4

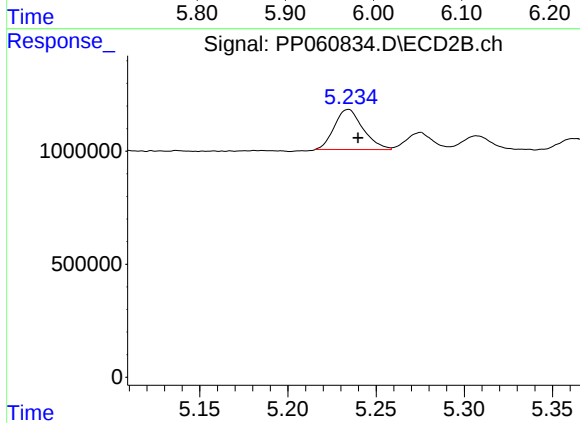
R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 2028429
Conc: 108.68 ng/ml



#15 AR-1232-5

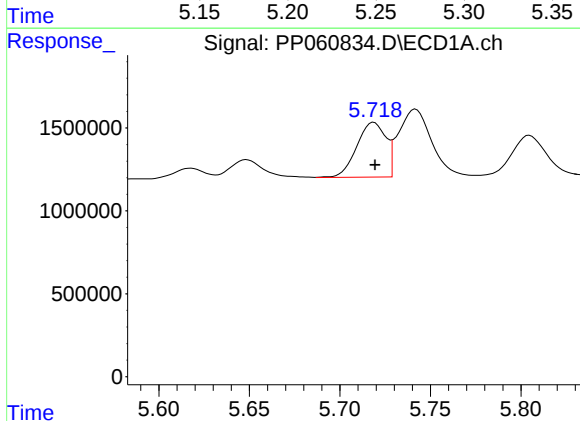
R.T.: 5.996 min
Delta R.T.: -0.017 min
Response: 2222254
Conc: 107.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



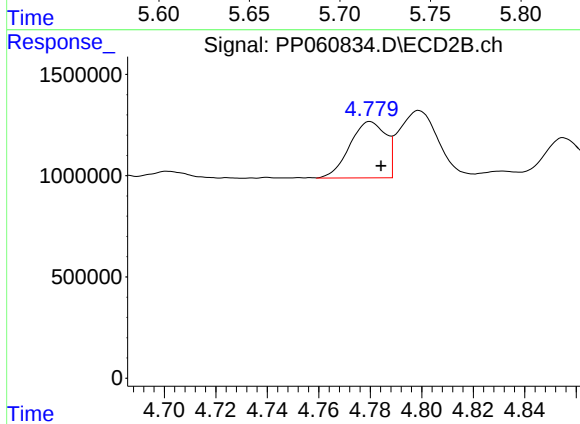
#15 AR-1232-5

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 2020991
Conc: 97.17 ng/ml



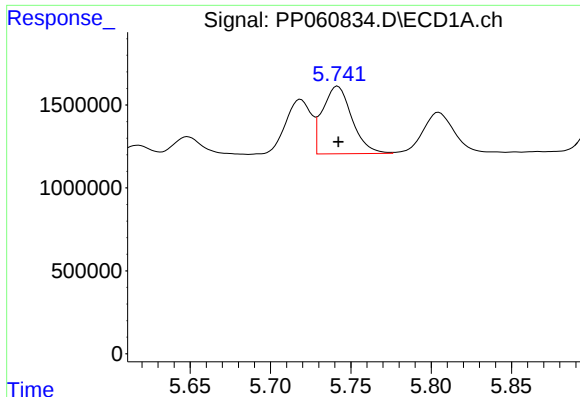
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3677833
Conc: 57.55 ng/ml



#16 AR-1242-1

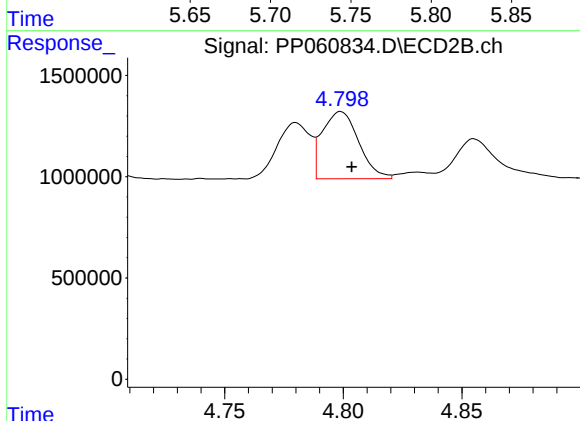
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 2713886
Conc: 53.61 ng/ml



#17 AR-1242-2

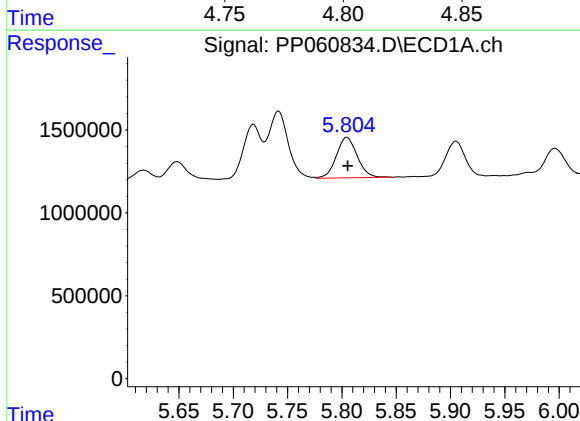
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 5173017
Conc: 57.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



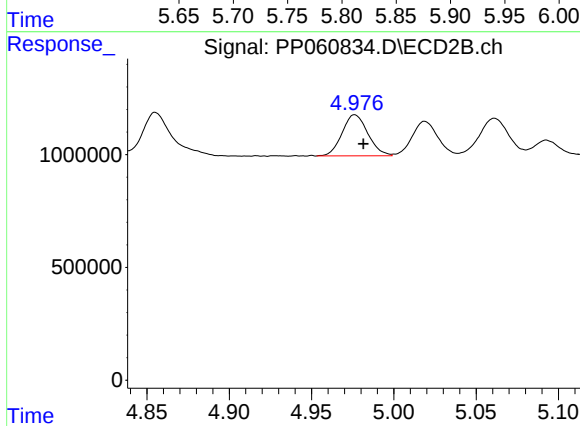
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 3541022
Conc: 50.99 ng/ml



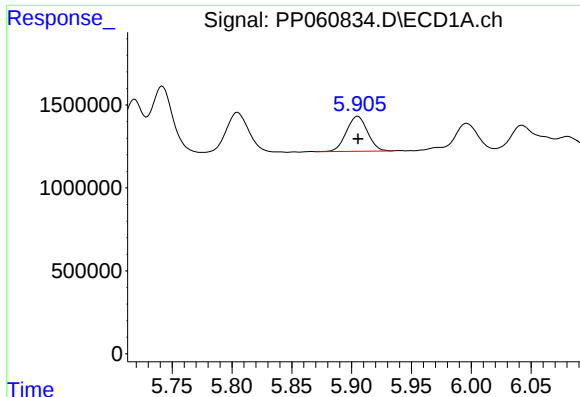
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 3277425
Conc: 58.21 ng/ml



#18 AR-1242-3

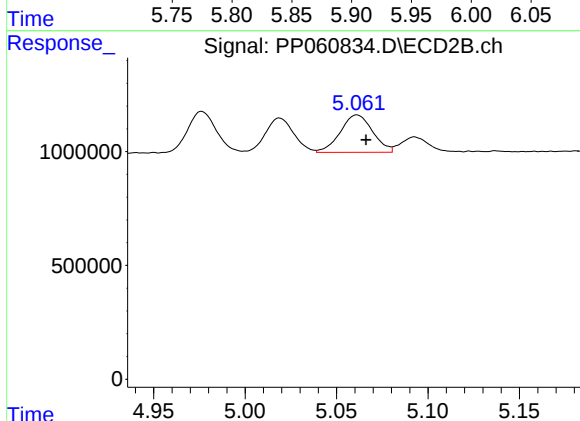
R.T.: 4.976 min
Delta R.T.: -0.005 min
Response: 1987333
Conc: 51.60 ng/ml



#19 AR-1242-4

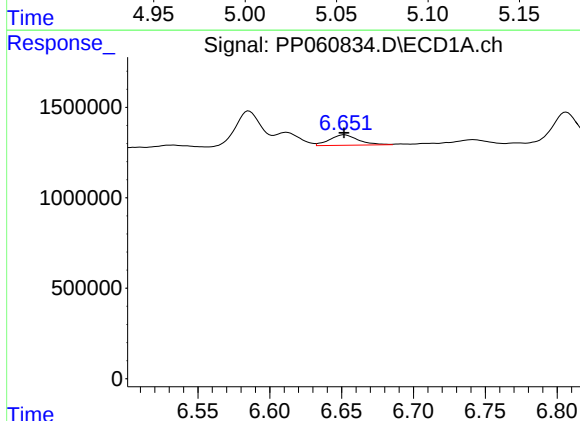
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 2601438
Conc: 55.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



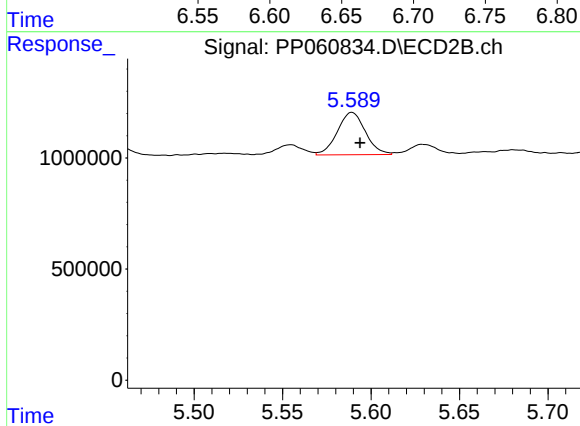
#19 AR-1242-4

R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 2028429
Conc: 51.51 ng/ml



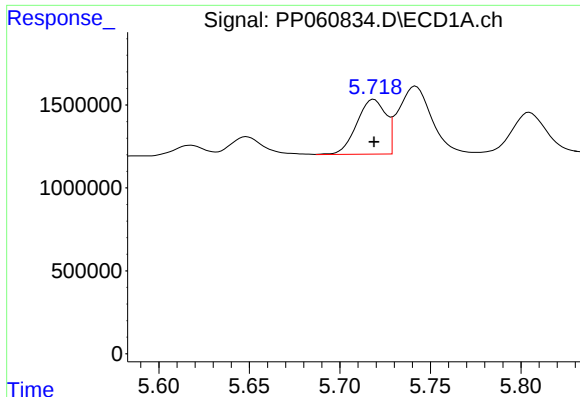
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 810386
Conc: 16.11 ng/ml



#20 AR-1242-5

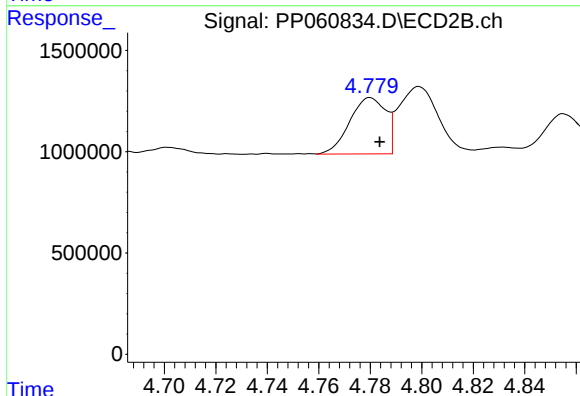
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 2103205
Conc: 43.00 ng/ml



#21 AR-1248-1

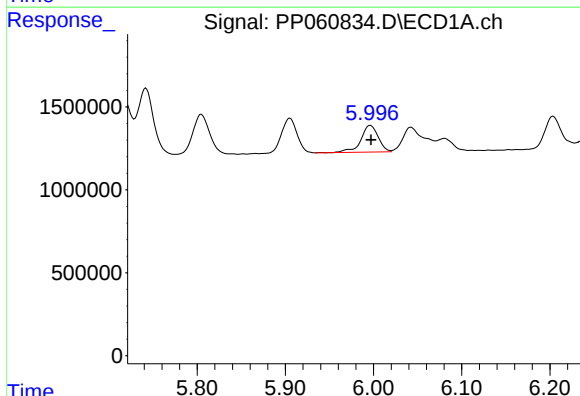
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3677833
Conc: 79.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



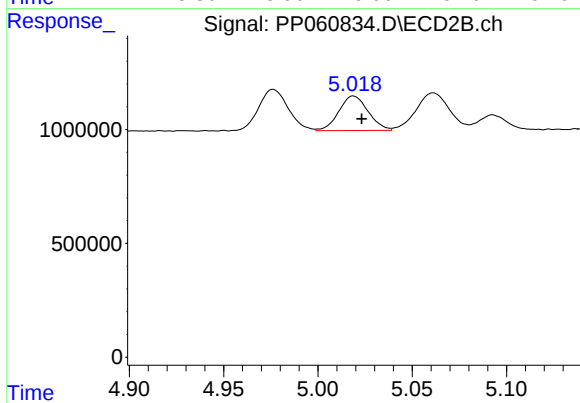
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 2713886
Conc: 74.37 ng/ml



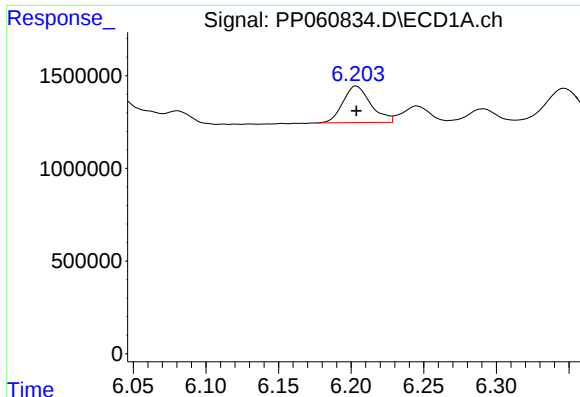
#22 AR-1248-2

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 2222254
Conc: 32.05 ng/ml



#22 AR-1248-2

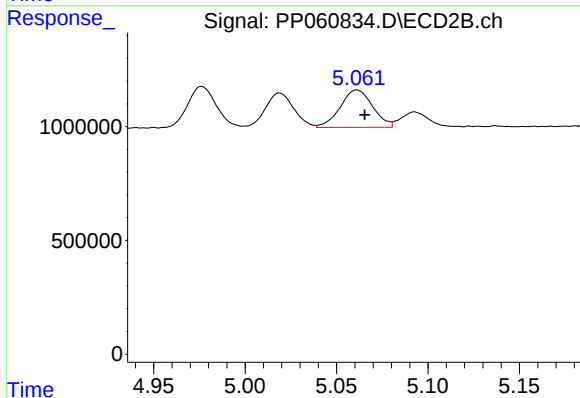
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 1646334
Conc: 31.50 ng/ml



#23 AR-1248-3

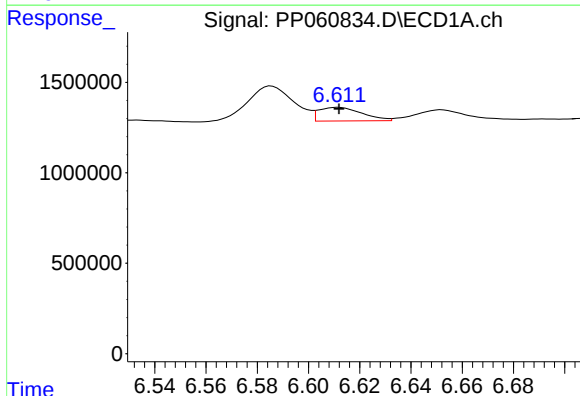
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2633382
Conc: 34.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



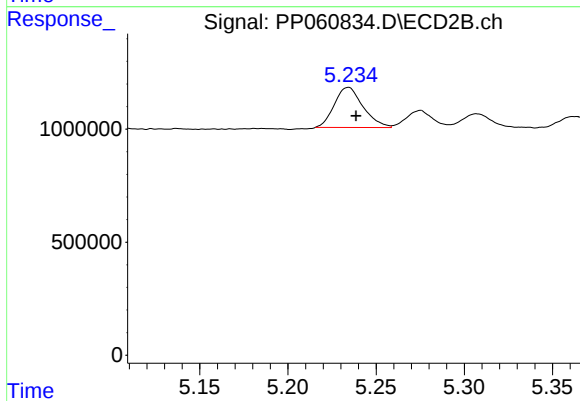
#23 AR-1248-3

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 2028429
Conc: 36.53 ng/ml



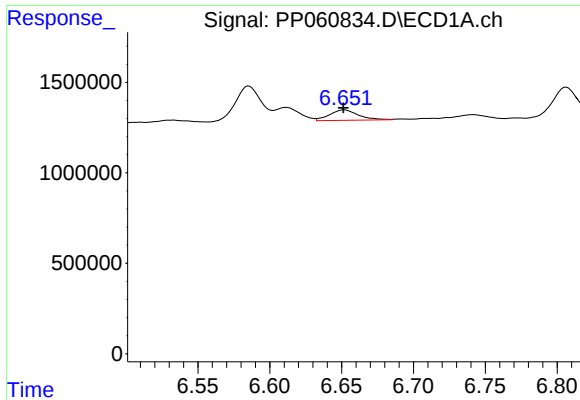
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 882279
Conc: 10.67 ng/ml



#24 AR-1248-4

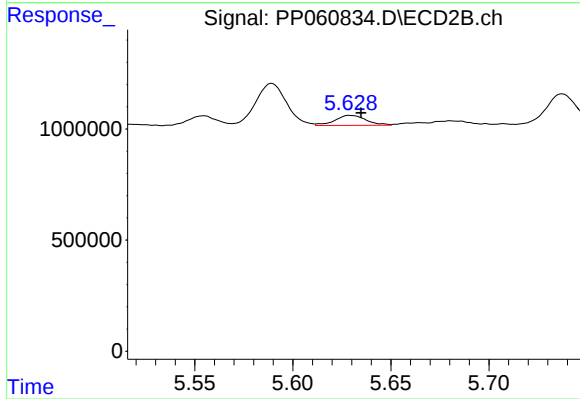
R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 2020991
Conc: 30.70 ng/ml



#25 AR-1248-5

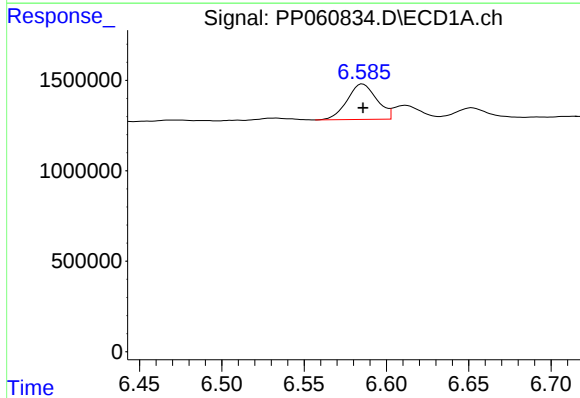
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 810386
Conc: 10.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



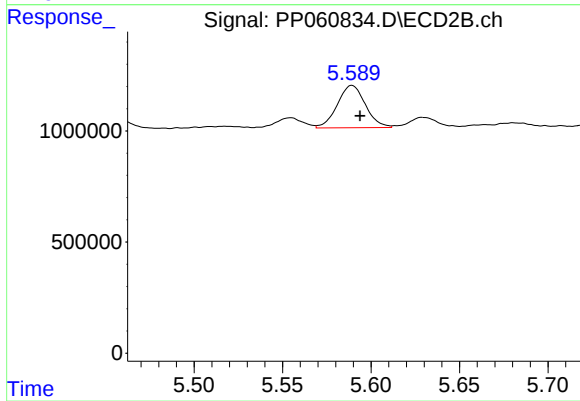
#25 AR-1248-5

R.T.: 5.629 min
Delta R.T.: -0.006 min
Response: 498147
Conc: 7.74 ng/ml



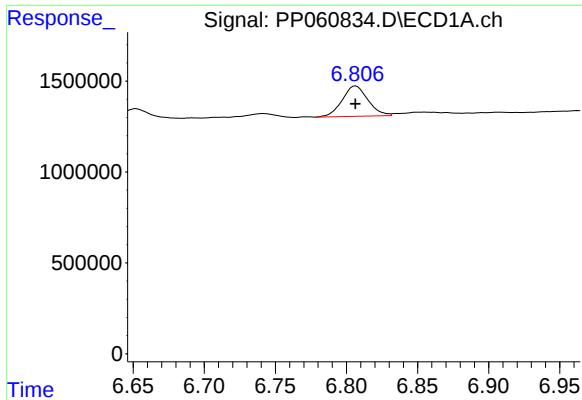
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 2457023
Conc: 28.79 ng/ml



#26 AR-1254-1

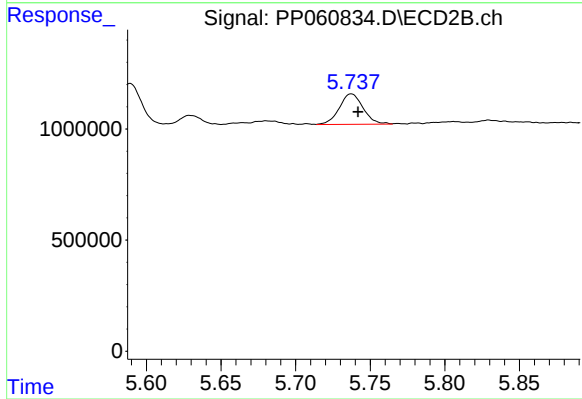
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 2103205
Conc: 21.26 ng/ml



#27 AR-1254-2

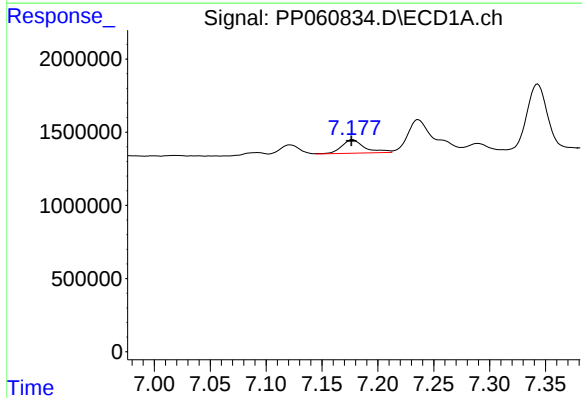
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 2102941
Conc: 16.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



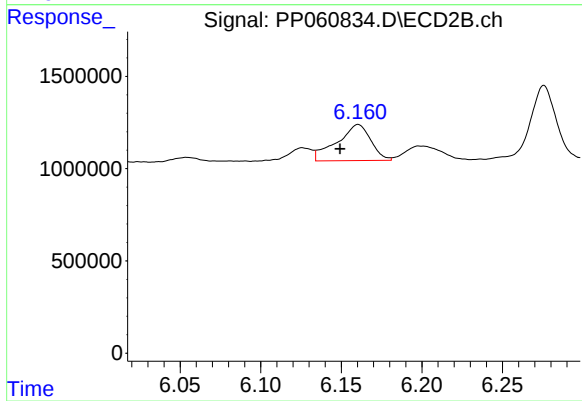
#27 AR-1254-2

R.T.: 5.737 min
Delta R.T.: -0.005 min
Response: 1530418
Conc: 17.81 ng/ml



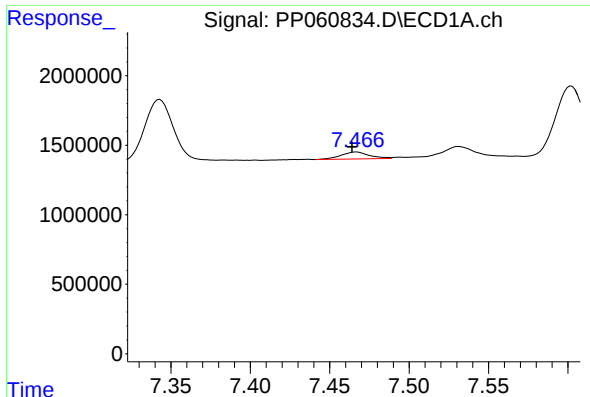
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 1315994
Conc: 9.90 ng/ml



#28 AR-1254-3

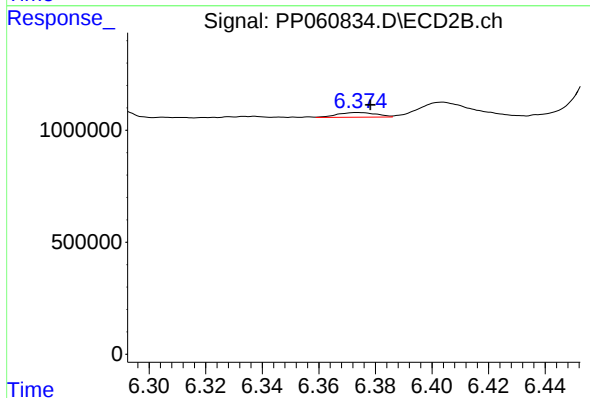
R.T.: 6.161 min
Delta R.T.: 0.011 min
Response: 2862819
Conc: 19.97 ng/ml



#29 AR-1254-4

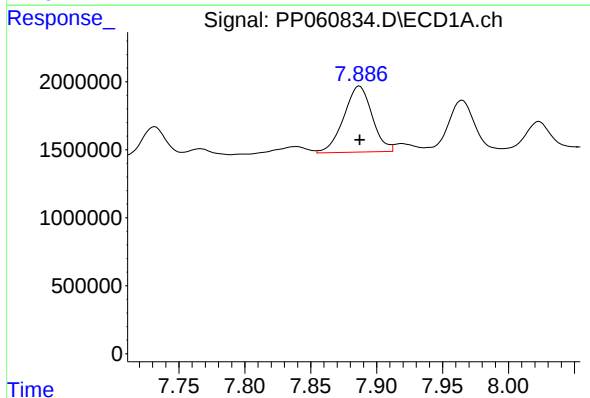
R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 625494
Conc: 6.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



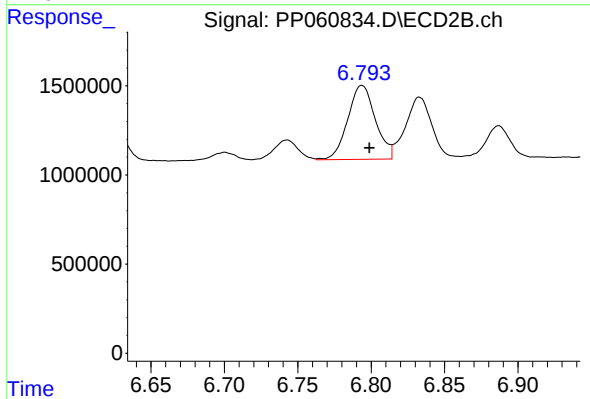
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 201884
Conc: 2.32 ng/ml



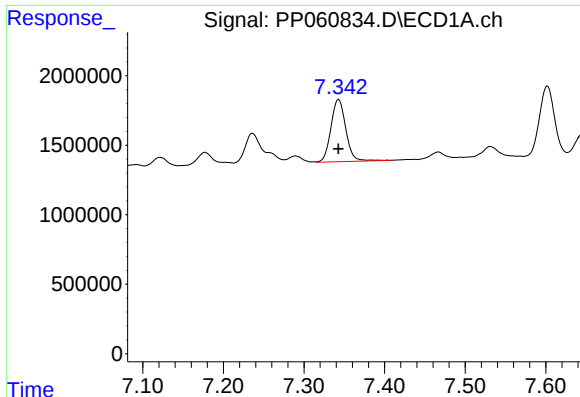
#30 AR-1254-5

R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 7248328
Conc: 66.90 ng/ml



#30 AR-1254-5

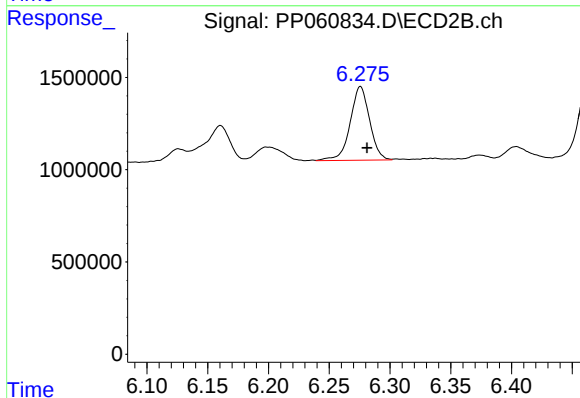
R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 5435191
Conc: 42.89 ng/ml



#31 AR-1260-1

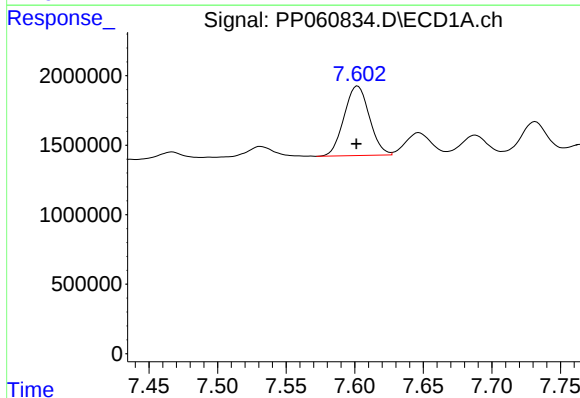
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 5732163
Conc: 54.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



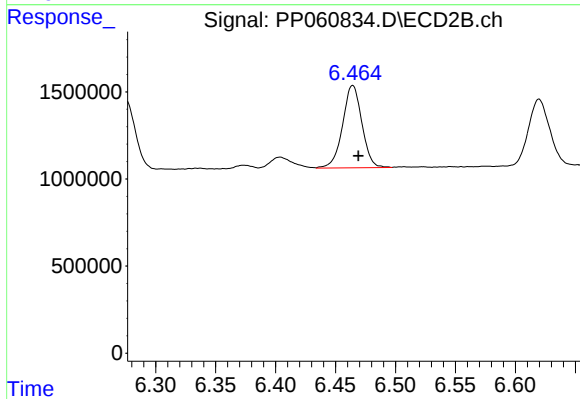
#31 AR-1260-1

R.T.: 6.276 min
Delta R.T.: -0.005 min
Response: 4444240
Conc: 44.28 ng/ml



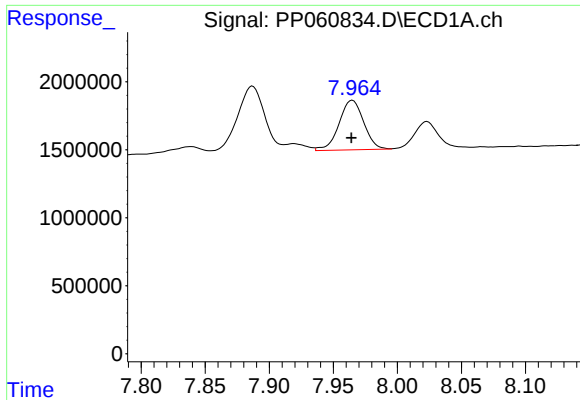
#32 AR-1260-2

R.T.: 7.602 min
Delta R.T.: 0.001 min
Response: 6413219
Conc: 53.04 ng/ml



#32 AR-1260-2

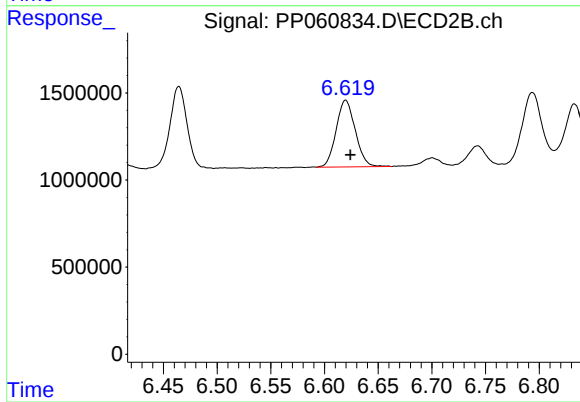
R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 5293478
Conc: 44.37 ng/ml



#33 AR-1260-3

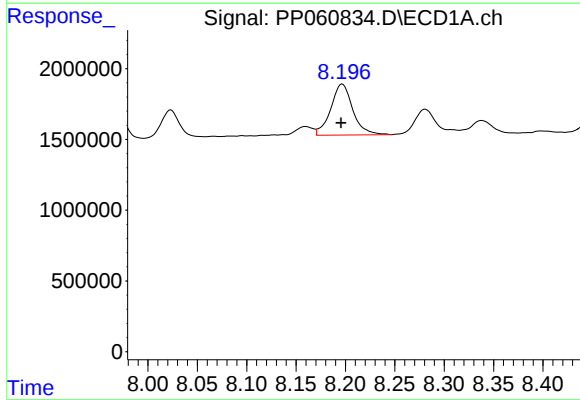
R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 4887568
Conc: 52.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



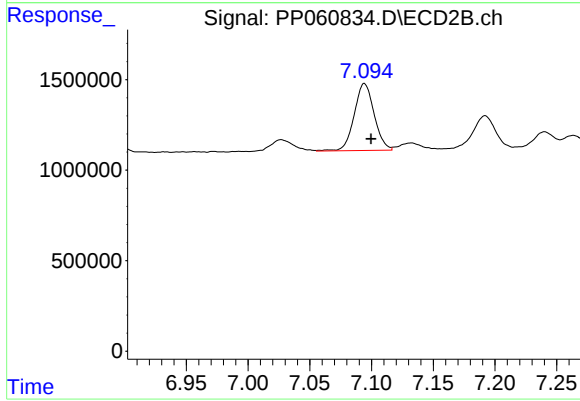
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.005 min
Response: 4765450
Conc: 41.62 ng/ml



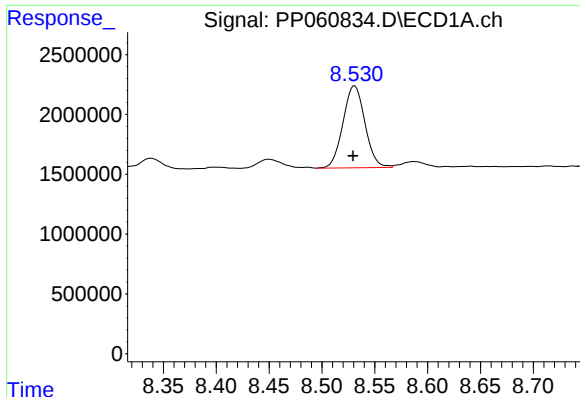
#34 AR-1260-4

R.T.: 8.197 min
Delta R.T.: 0.001 min
Response: 5611122
Conc: 52.91 ng/ml



#34 AR-1260-4

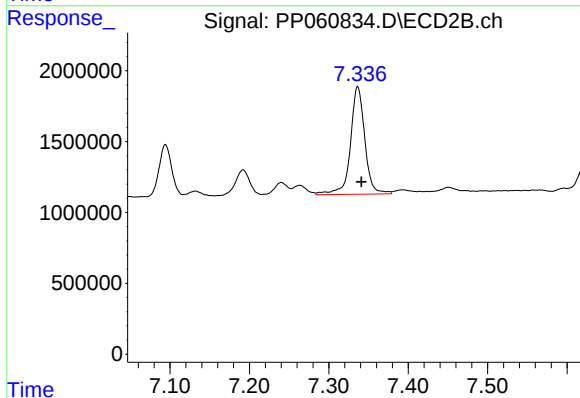
R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 4159529
Conc: 43.70 ng/ml



#35 AR-1260-5

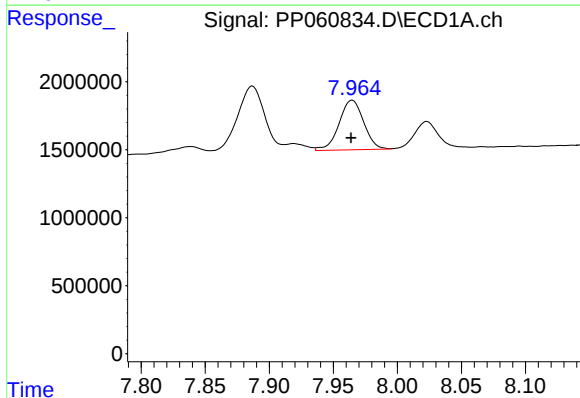
R.T.: 8.531 min
Delta R.T.: 0.001 min
Response: 9896988
Conc: 51.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



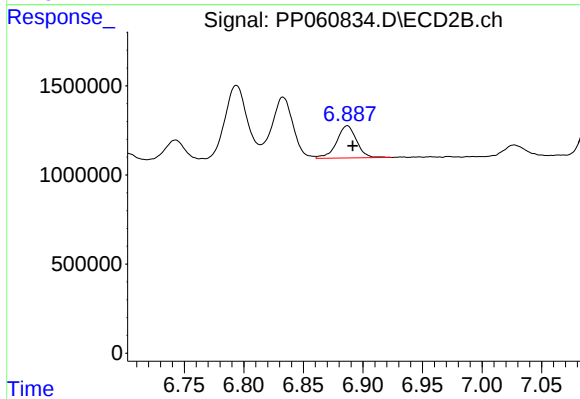
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.005 min
Response: 9555785
Conc: 44.09 ng/ml



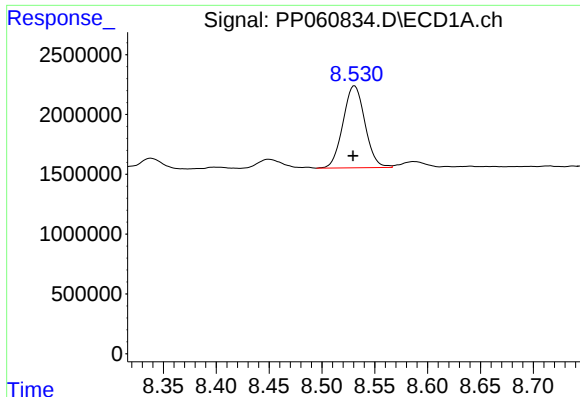
#36 AR-1262-1

R.T.: 7.965 min
Delta R.T.: 0.001 min
Response: 4887568
Conc: 39.18 ng/ml



#36 AR-1262-1

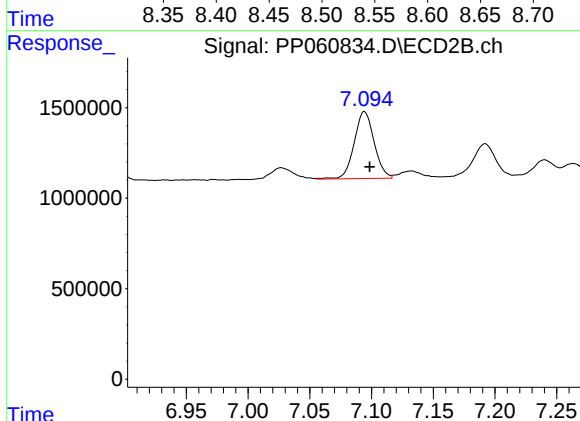
R.T.: 6.887 min
Delta R.T.: -0.004 min
Response: 2113725
Conc: 39.47 ng/ml



#37 AR-1262-2

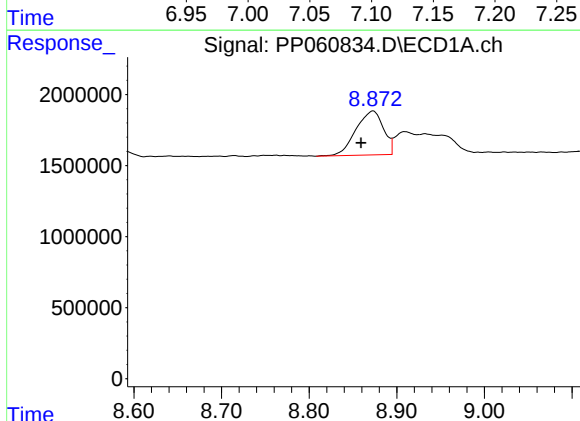
R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 9896988
Conc: 47.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



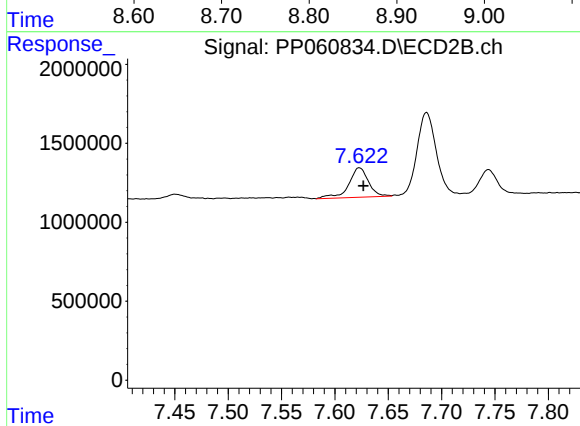
#37 AR-1262-2

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 4159529
Conc: 35.27 ng/ml



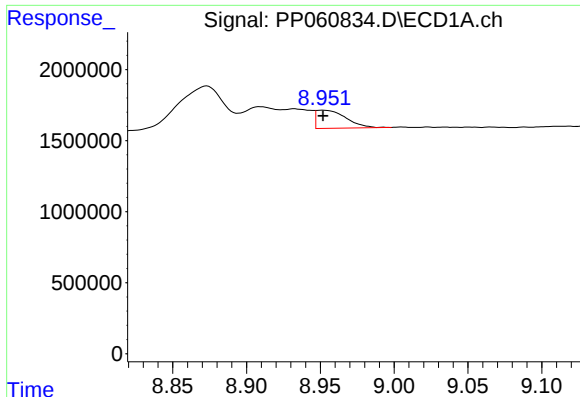
#38 AR-1262-3

R.T.: 8.873 min
Delta R.T.: 0.014 min
Response: 6760692
Conc: 44.67 ng/ml



#38 AR-1262-3

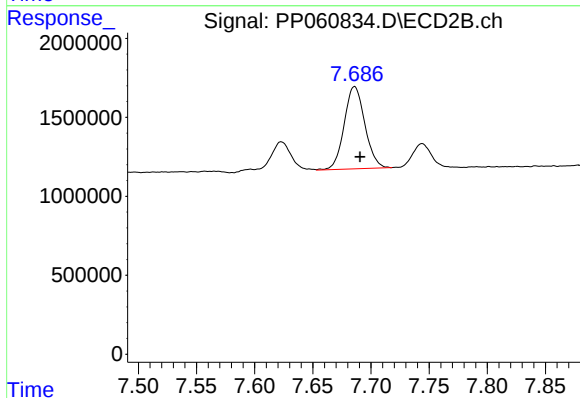
R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 2391307
Conc: 25.93 ng/ml



#39 AR-1262-4

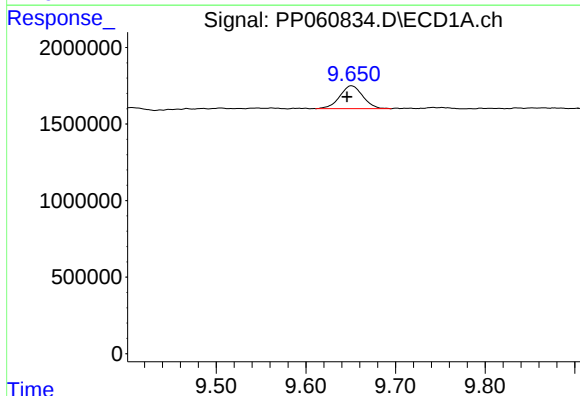
R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 1780529
Conc: 14.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



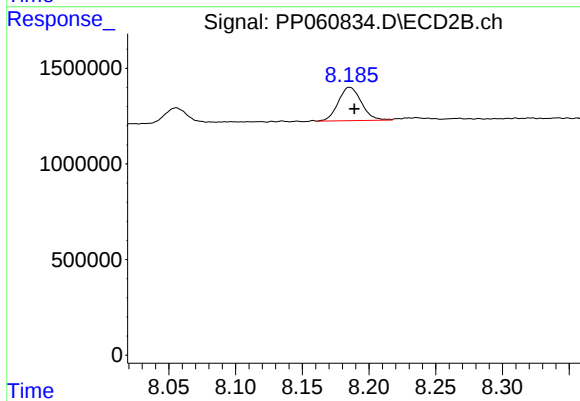
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 6439429
Conc: 38.22 ng/ml



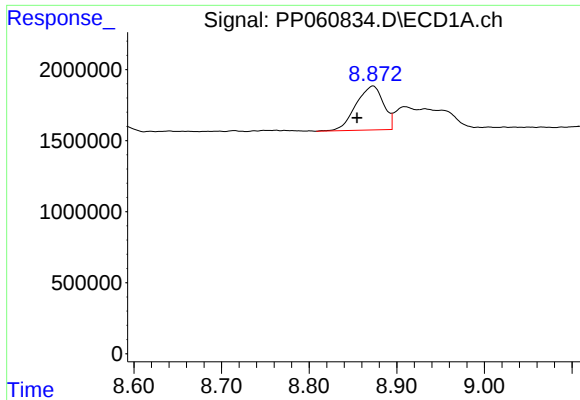
#40 AR-1262-5

R.T.: 9.651 min
Delta R.T.: 0.005 min
Response: 2682160
Conc: 33.50 ng/ml



#40 AR-1262-5

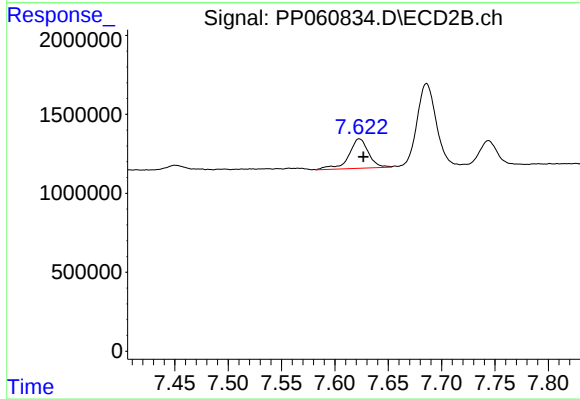
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 2094121
Conc: 27.03 ng/ml



#41 AR-1268-1

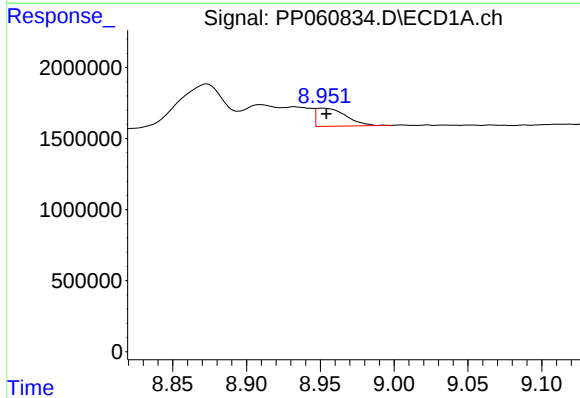
R.T.: 8.873 min
Delta R.T.: 0.018 min
Response: 6760692
Conc: 25.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



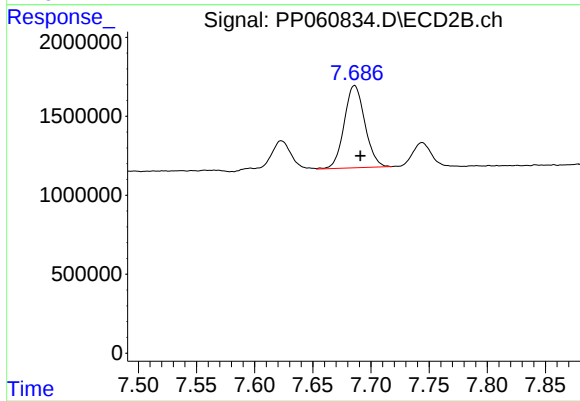
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 2391307
Conc: 8.80 ng/ml



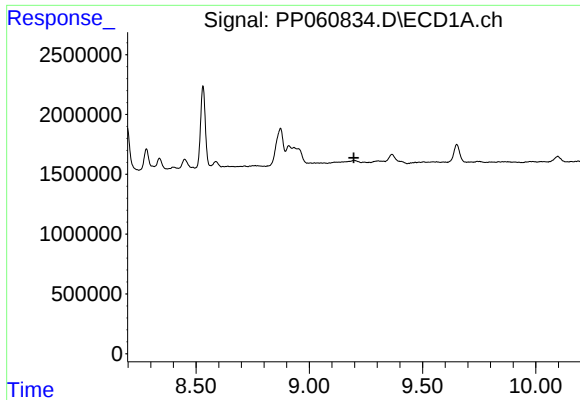
#42 AR-1268-2

R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 1780529
Conc: 7.31 ng/ml



#42 AR-1268-2

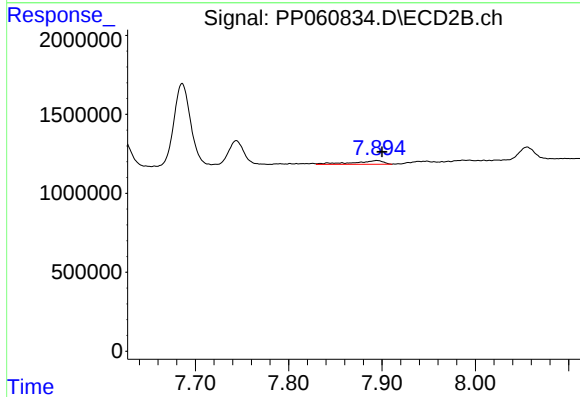
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 6439429
Conc: 26.40 ng/ml



#43 AR-1268-3

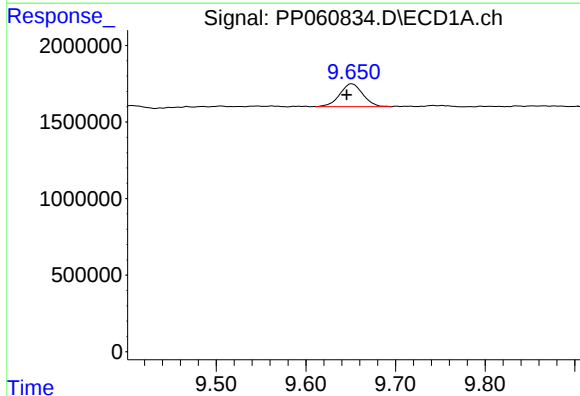
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



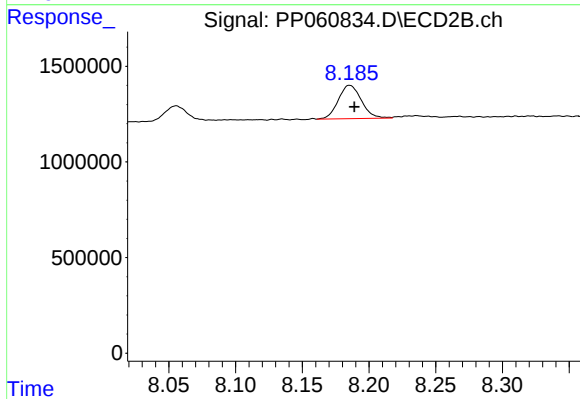
#43 AR-1268-3

R.T.: 7.895 min
Delta R.T.: -0.006 min
Response: 510866
Conc: 2.39 ng/ml



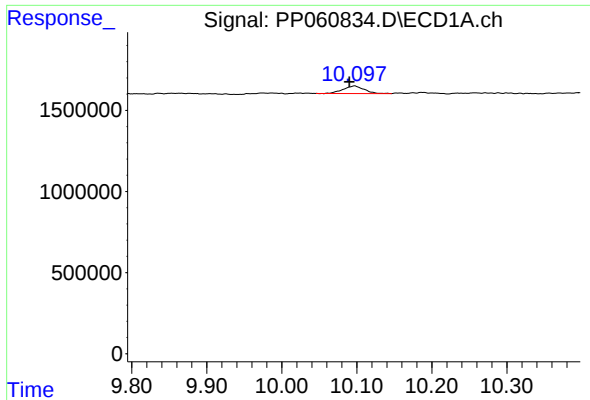
#44 AR-1268-4

R.T.: 9.651 min
Delta R.T.: 0.006 min
Response: 2682160
Conc: 29.03 ng/ml



#44 AR-1268-4

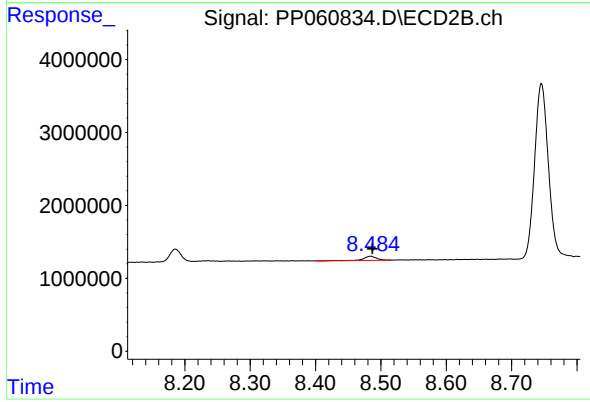
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 2094121
Conc: 23.87 ng/ml



#45 AR-1268-5

R.T.: 10.097 min
Delta R.T.: 0.007 min
Response: 903580
Conc: 1.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.484 min
Delta R.T.: -0.003 min
Response: 782252
Conc: 1.25 ng/ml