

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041423\
 Data File : PP056935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2023 19:13
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 22:12:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.434	3.661	118.6E6	82343129	55.223	47.346
2)	SA Decachlor...	10.273	8.742	74643073	72773621	57.027	46.285
Target Compounds							
3)	L1 AR-1016-1	5.609	4.760	1086204	797850	17.691	14.980
4)	L1 AR-1016-2	5.638	4.779	1532388	643875	17.184	8.683 #
5)	L1 AR-1016-3	5.695	4.960	678008	417918	11.959	10.385
6)	L1 AR-1016-4	5.793	4.999	641006	19801729	14.315	546.474 #
7)	L1 AR-1016-5	6.091	5.216	14000086	12029817	298.591	256.167
8)	L2 AR-1221-1	4.642	3.875	83600	74892	3.169	3.420
9)	L2 AR-1221-2	4.742	3.965	1664938	1186089	85.706	72.191
10)	L2 AR-1221-3	4.807	4.042	434136	299111	7.620	6.100
11)	L3 AR-1232-1	4.807	4.042	434136	299111	9.014	7.271
12)	L3 AR-1232-2	5.341	4.779	648446	643875	25.959	18.787 #
13)	L3 AR-1232-3	5.638	4.960	1532388	417918	38.008	22.712 #
14)	L3 AR-1232-4	5.793	5.042	641006	6313316	31.813	329.455 #
15)	L3 AR-1232-5	5.885	5.216	24138355	12029817	1373.321	565.939 #
16)	L4 AR-1242-1	5.609	4.760	1086204	797850	21.600	18.550
17)	L4 AR-1242-2	5.638	4.779	1532388	643875	21.043	10.821 #
18)	L4 AR-1242-3	5.695	4.960	678008	417918	14.798	12.953
19)	L4 AR-1242-4	5.793	5.042	641006	6313316	17.765	173.274 #
20)	L4 AR-1242-5	6.540	5.573	11745036	44811323	353.833	1123.876 #
21)	L5 AR-1248-1	5.609	4.760	1086204	797850	28.951	24.238
22)	L5 AR-1248-2	5.885	4.999	24138355	19801729	409.859	384.183
23)	L5 AR-1248-3	6.091	5.042	14000086	6313316	219.740	117.607 #
24)	L5 AR-1248-4	6.497	5.216	15914452	12029817	274.034	194.421 #
25)	L5 AR-1248-5	6.540	5.614	11745036	4926098	207.926	95.943 #
26)	L6 AR-1254-1	6.472	5.573	39869060	44811323	562.282	486.458
27)	L6 AR-1254-2	6.692	5.721	57151417	39186775	563.570	487.583
28)	L6 AR-1254-3	7.061	6.130	54338095	60612205	560.580	490.324
29)	L6 AR-1254-4	7.347	6.360	33526484	30676517	549.300	482.661
30)	L6 AR-1254-5	7.770	6.782	38532135	49771298	565.465	473.399
31)	L7 AR-1260-1	7.226	6.262	22762916	31690909	279.637	331.343
32)	L7 AR-1260-2	7.484	6.451	22786120	23498317	267.074	227.526
33)	L7 AR-1260-3	7.831f	6.606	6403989	25278673	91.701	243.756 #
34)	L7 AR-1260-4	8.059f	7.083	15382041	2727424	201.602	31.933 #
35)	L7 AR-1260-5	8.400	7.324	5076978	2926330	40.111	18.490 #
36)	L8 AR-1262-1	7.831	6.852f	6403989	7034975	72.706	150.350 #
37)	L8 AR-1262-2	8.400	7.083	5076978	2727424	39.212	27.886 #
38)	L8 AR-1262-3	8.735f	7.610	4032044	220844	43.774	3.325 #
39)	L8 AR-1262-4	8.783f	7.673	1281779	5037090	28.230	42.737 #
40)	L8 AR-1262-5	9.494	8.176	150645	224466	3.750	4.606
41)	L9 AR-1268-1	8.735f	7.610	4032044	220844	21.648	0.996 #

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 Acq On : 14 Apr 2023 19:13
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

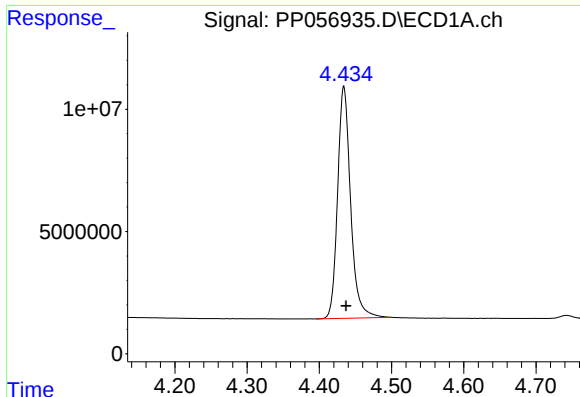
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 22:12:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.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	8.783f	7.673	1281779	5037090	7.724	25.937 #
43) L9	AR-1268-3	9.051	7.886	81973	120080	0.515	0.606
44) L9	AR-1268-4	9.494	8.176	150645	224466	3.245	3.881
45) L9	AR-1268-5	9.925	8.480	668628	337182	1.557	0.664 #

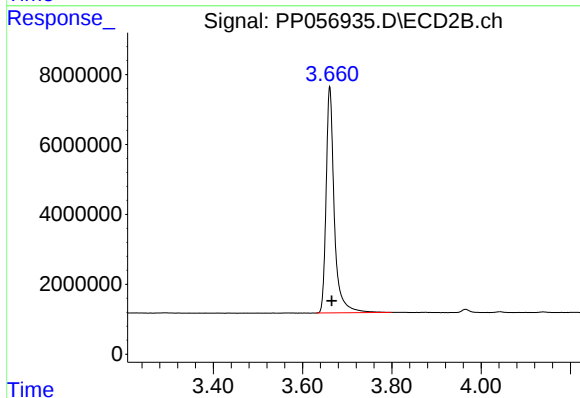
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

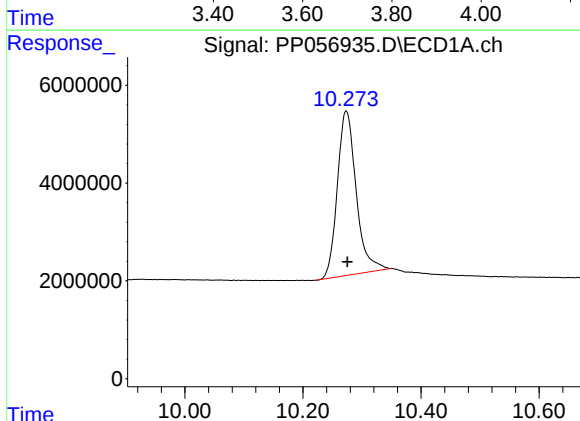
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 118646321
Conc: 55.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



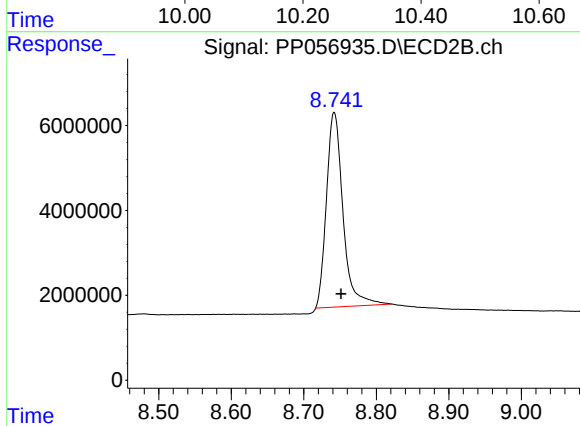
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 82343129
Conc: 47.35 ng/ml



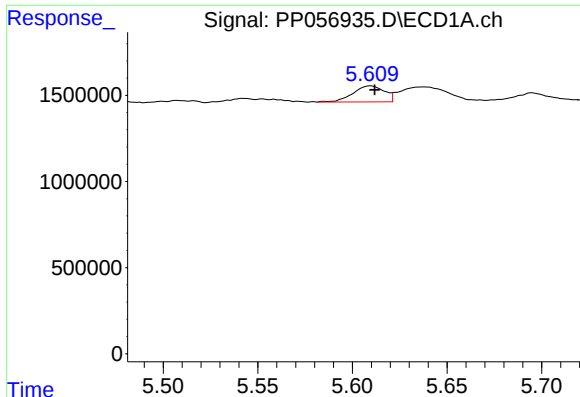
#2 Decachlorobiphenyl

R.T.: 10.273 min
Delta R.T.: -0.002 min
Response: 74643073
Conc: 57.03 ng/ml



#2 Decachlorobiphenyl

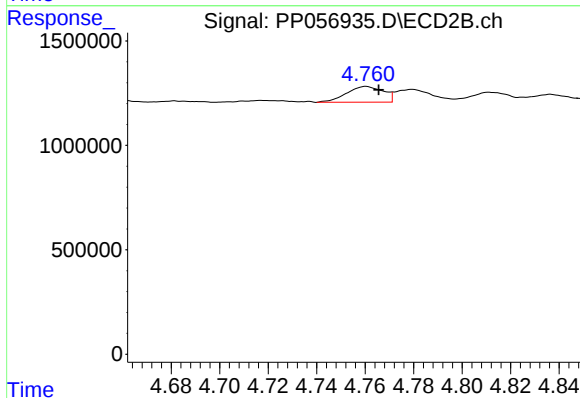
R.T.: 8.742 min
Delta R.T.: -0.009 min
Response: 72773621
Conc: 46.28 ng/ml



#3 AR-1016-1

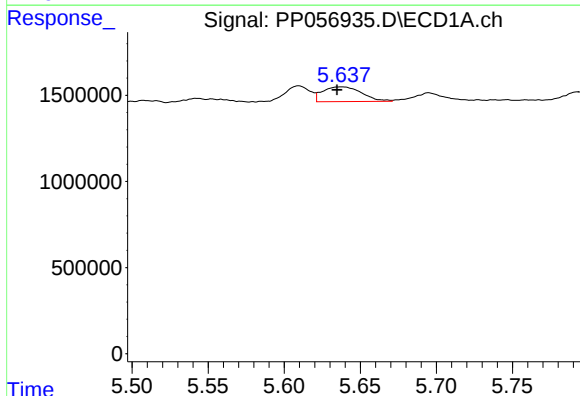
R.T.: 5.609 min
Delta R.T.: -0.002 min
Response: 1086204
Conc: 17.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



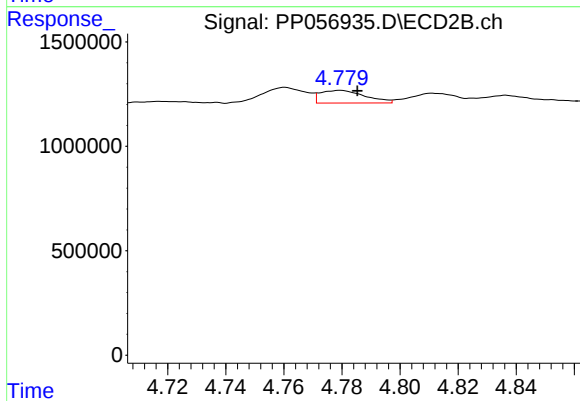
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 797850
Conc: 14.98 ng/ml



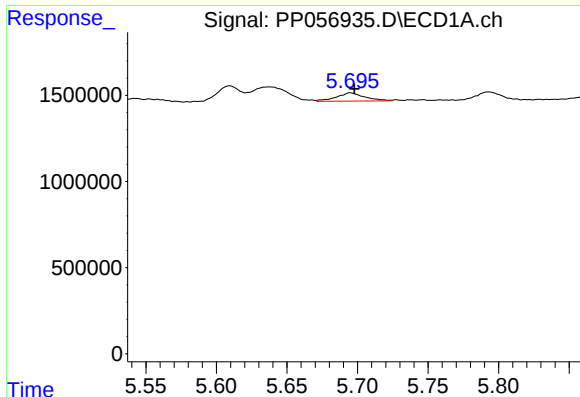
#4 AR-1016-2

R.T.: 5.638 min
Delta R.T.: 0.003 min
Response: 1532388
Conc: 17.18 ng/ml



#4 AR-1016-2

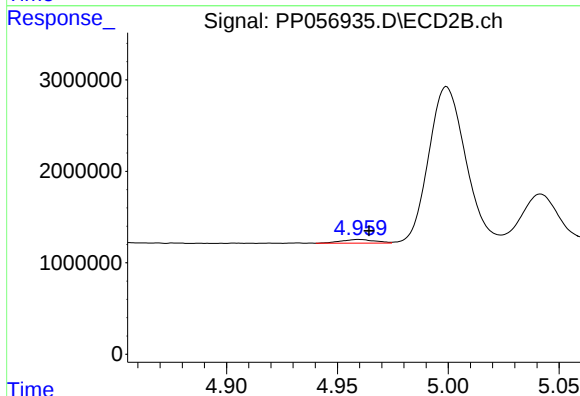
R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 643875
Conc: 8.68 ng/ml



#5 AR-1016-3

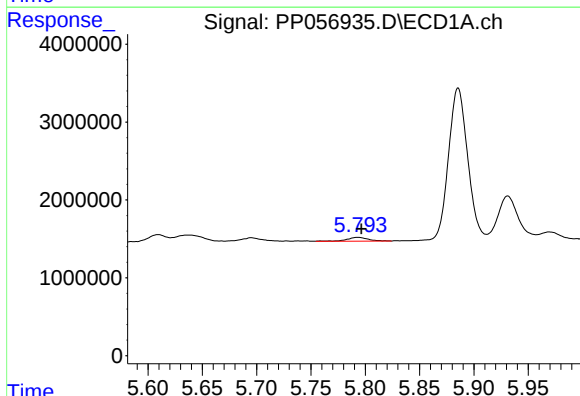
R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 678008
Conc: 11.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



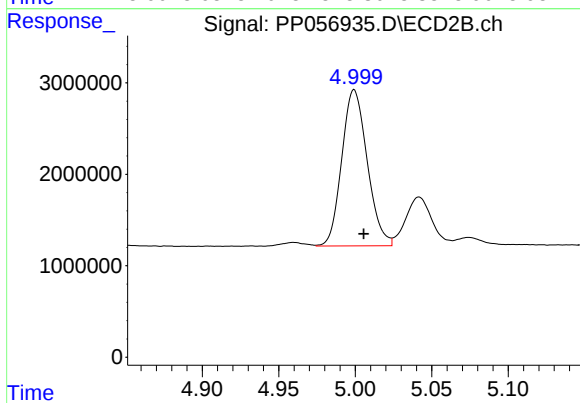
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 417918
Conc: 10.38 ng/ml



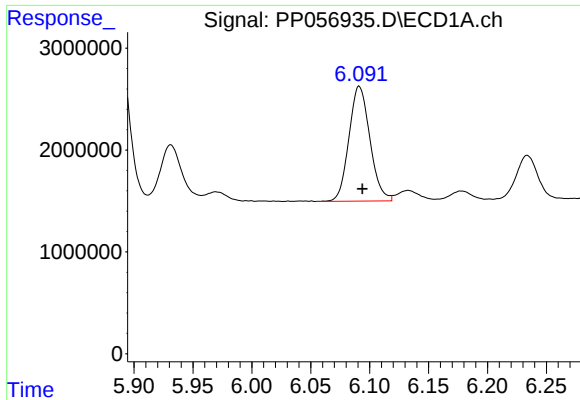
#6 AR-1016-4

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 641006
Conc: 14.31 ng/ml



#6 AR-1016-4

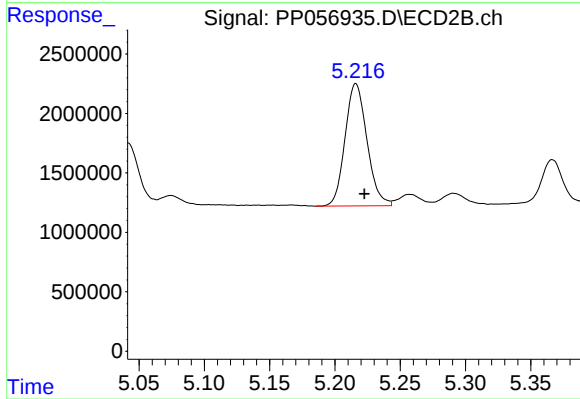
R.T.: 4.999 min
Delta R.T.: -0.006 min
Response: 19801729
Conc: 546.47 ng/ml



#7 AR-1016-5

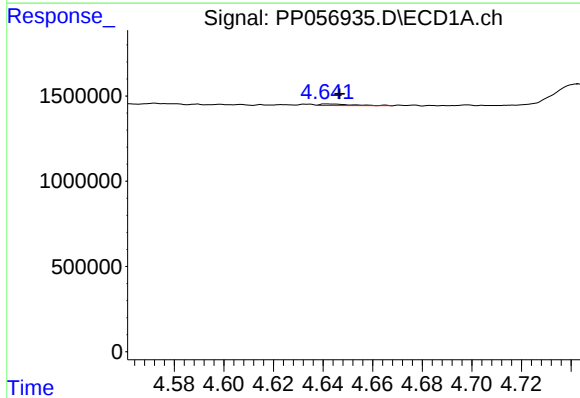
R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 14000086
Conc: 298.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



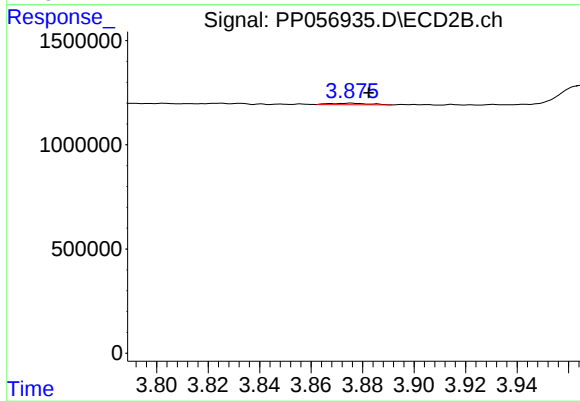
#7 AR-1016-5

R.T.: 5.216 min
Delta R.T.: -0.006 min
Response: 12029817
Conc: 256.17 ng/ml



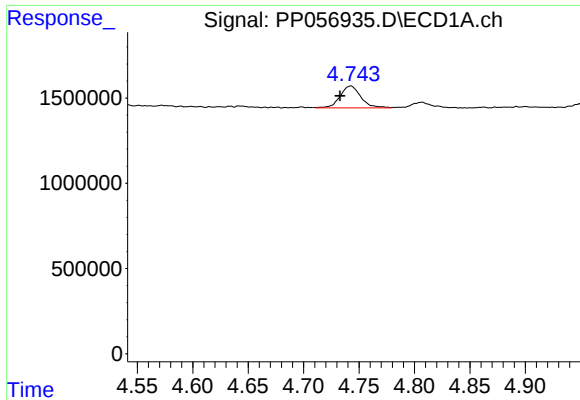
#8 AR-1221-1

R.T.: 4.642 min
Delta R.T.: -0.004 min
Response: 83600
Conc: 3.17 ng/ml



#8 AR-1221-1

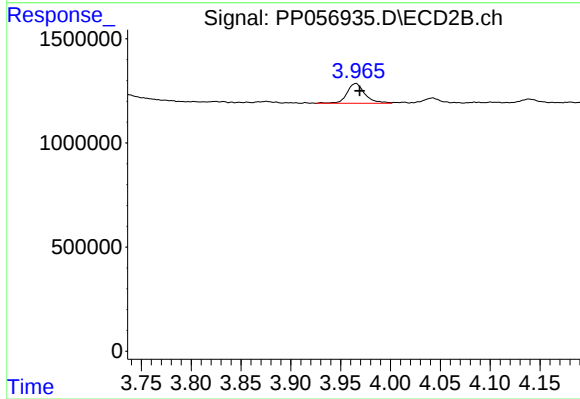
R.T.: 3.875 min
Delta R.T.: -0.007 min
Response: 74892
Conc: 3.42 ng/ml



#9 AR-1221-2

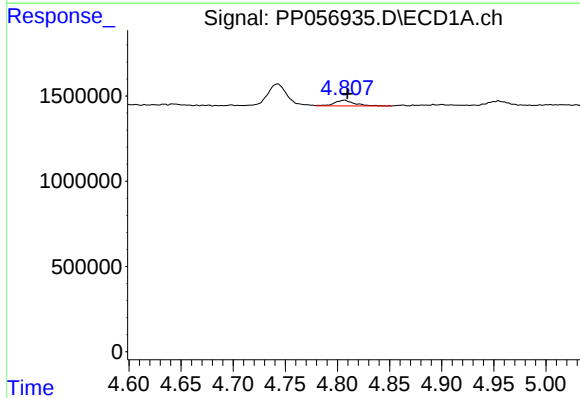
R.T.: 4.742 min
Delta R.T.: 0.010 min
Response: 1664938
Conc: 85.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



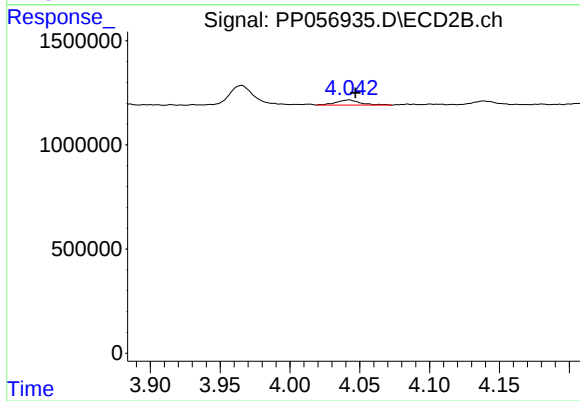
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.004 min
Response: 1186089
Conc: 72.19 ng/ml



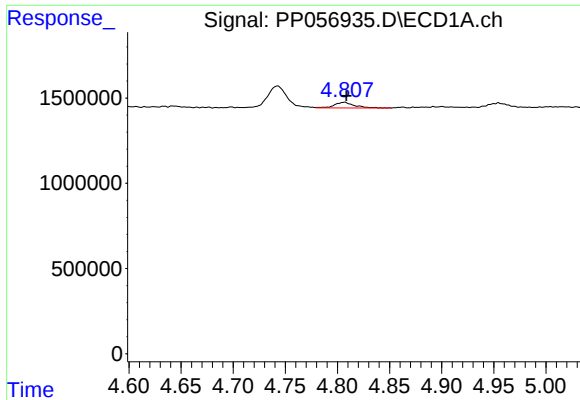
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: -0.003 min
Response: 434136
Conc: 7.62 ng/ml



#10 AR-1221-3

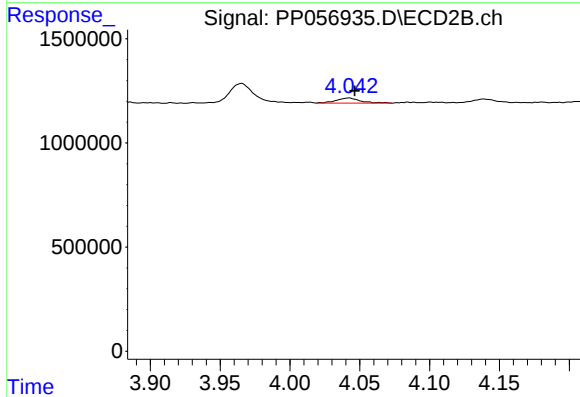
R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 299111
Conc: 6.10 ng/ml



#11 AR-1232-1

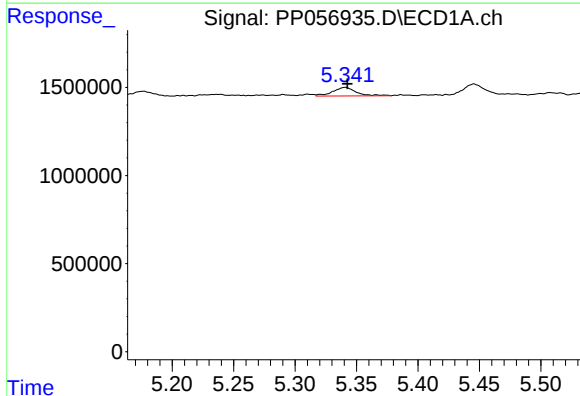
R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 434136
Conc: 9.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



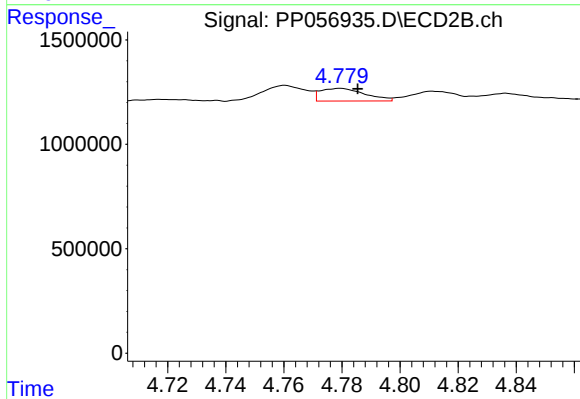
#11 AR-1232-1

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 299111
Conc: 7.27 ng/ml



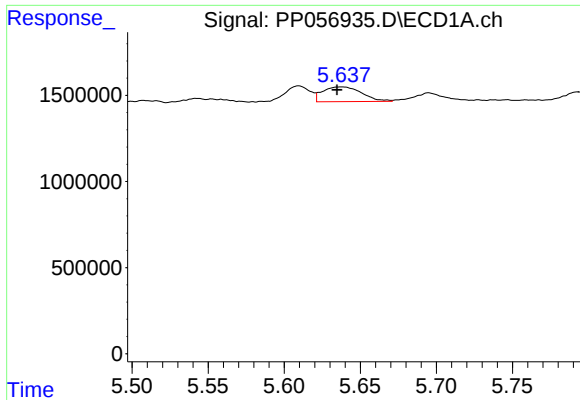
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: -0.002 min
Response: 648446
Conc: 25.96 ng/ml



#12 AR-1232-2

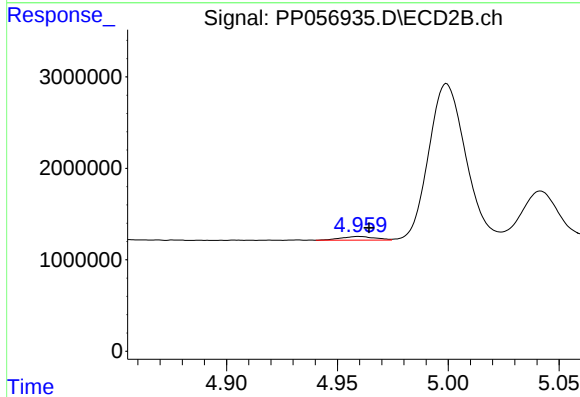
R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 643875
Conc: 18.79 ng/ml



#13 AR-1232-3

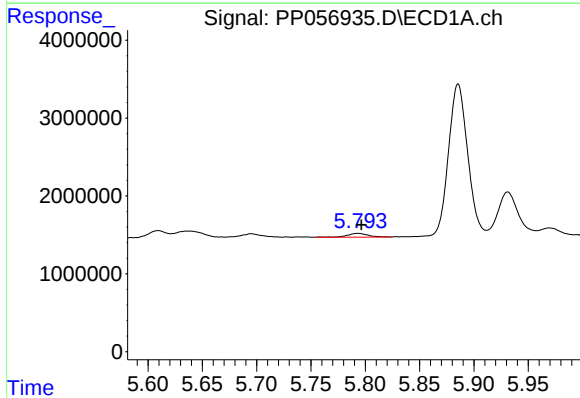
R.T.: 5.638 min
Delta R.T.: 0.003 min
Response: 1532388
Conc: 38.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



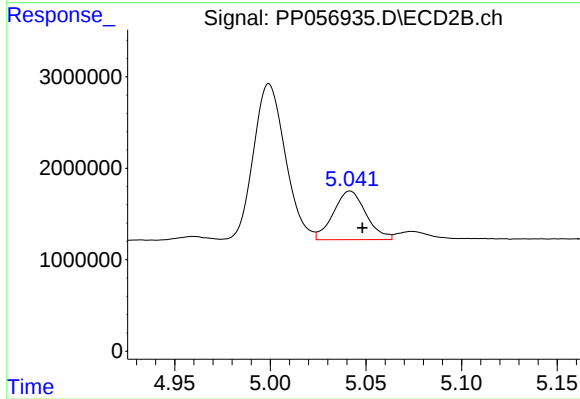
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 417918
Conc: 22.71 ng/ml



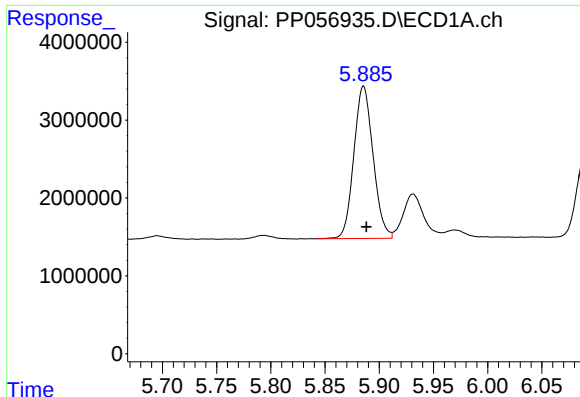
#14 AR-1232-4

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 641006
Conc: 31.81 ng/ml



#14 AR-1232-4

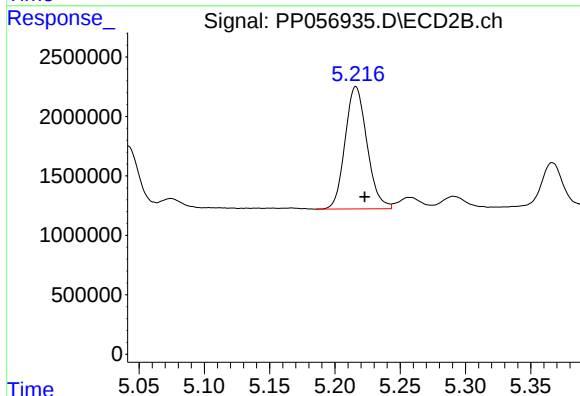
R.T.: 5.042 min
Delta R.T.: -0.006 min
Response: 6313316
Conc: 329.45 ng/ml



#15 AR-1232-5

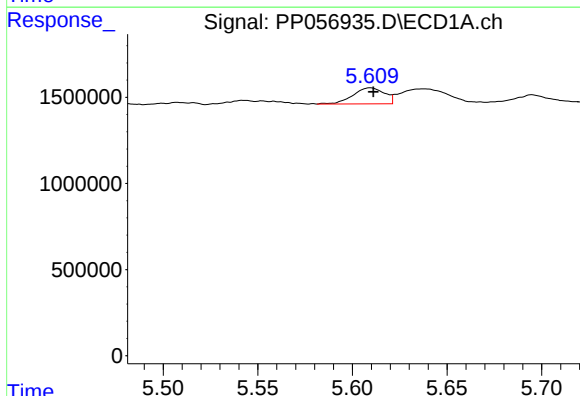
R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 24138355
Conc: 1373.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



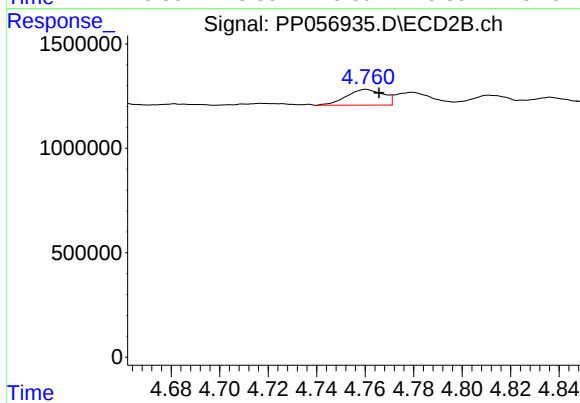
#15 AR-1232-5

R.T.: 5.216 min
Delta R.T.: -0.007 min
Response: 12029817
Conc: 565.94 ng/ml



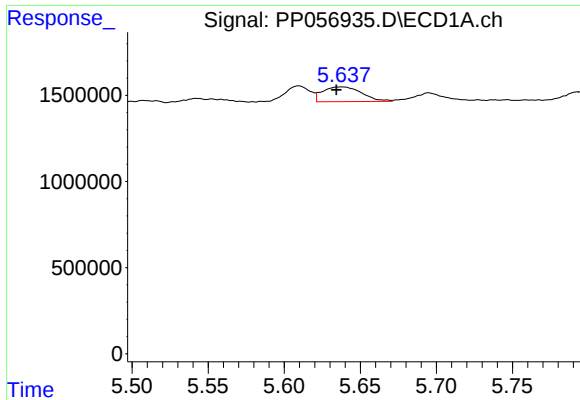
#16 AR-1242-1

R.T.: 5.609 min
Delta R.T.: -0.002 min
Response: 1086204
Conc: 21.60 ng/ml



#16 AR-1242-1

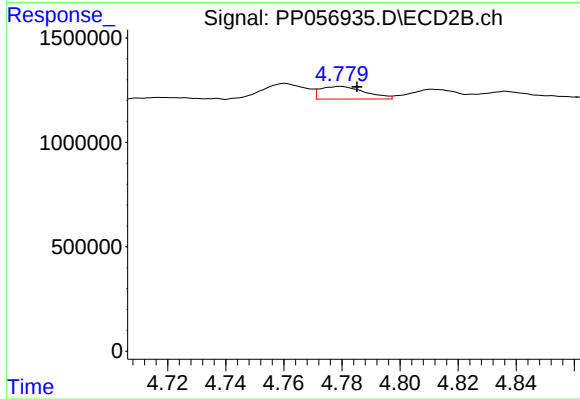
R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 797850
Conc: 18.55 ng/ml



#17 AR-1242-2

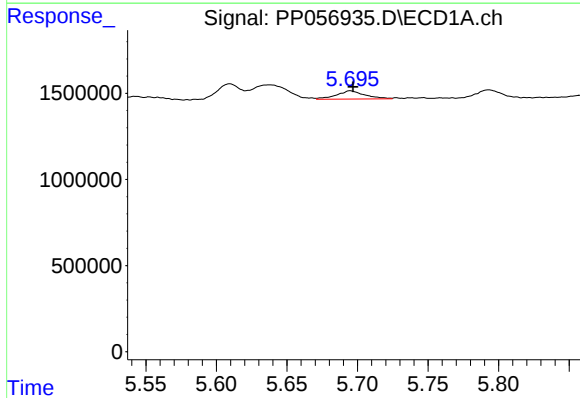
R.T.: 5.638 min
Delta R.T.: 0.004 min
Response: 1532388
Conc: 21.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



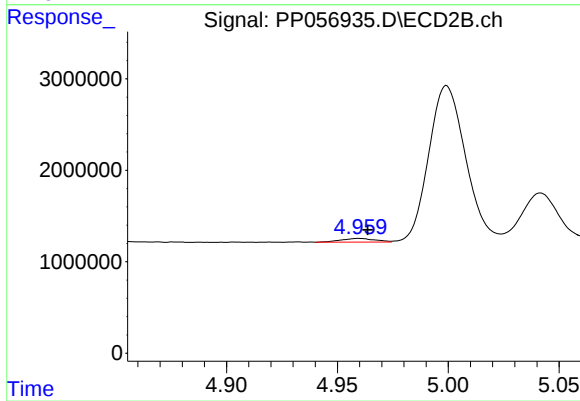
#17 AR-1242-2

R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 643875
Conc: 10.82 ng/ml



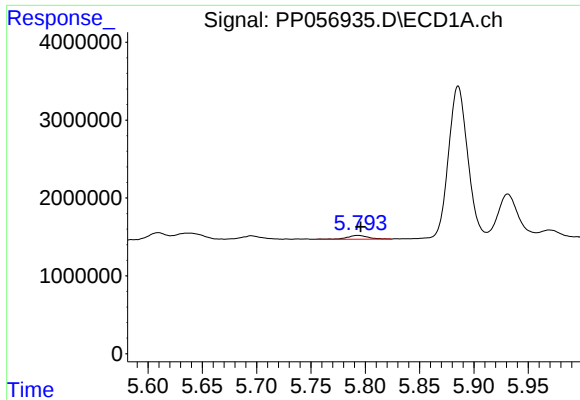
#18 AR-1242-3

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 678008
Conc: 14.80 ng/ml



#18 AR-1242-3

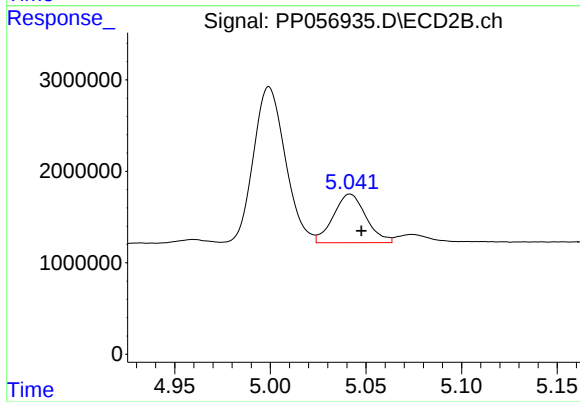
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 417918
Conc: 12.95 ng/ml



#19 AR-1242-4

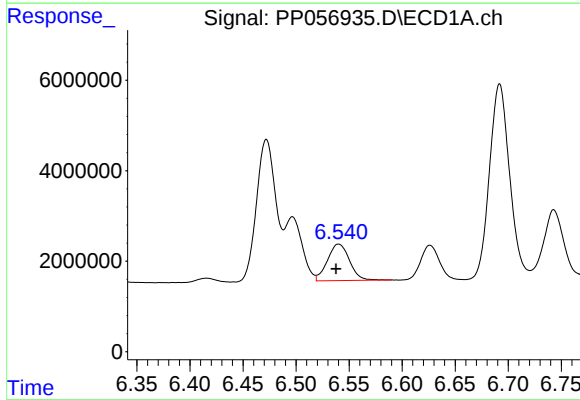
R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 641006
Conc: 17.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



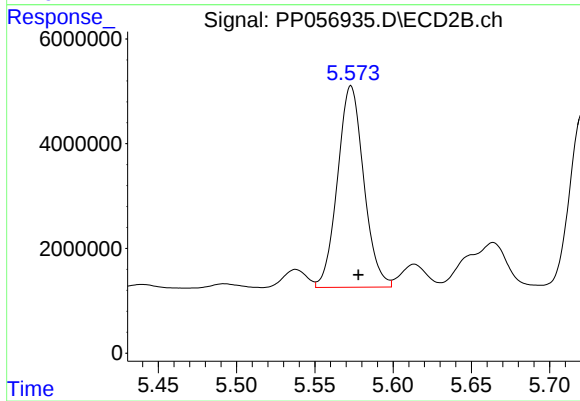
#19 AR-1242-4

R.T.: 5.042 min
Delta R.T.: -0.006 min
Response: 6313316
Conc: 173.27 ng/ml



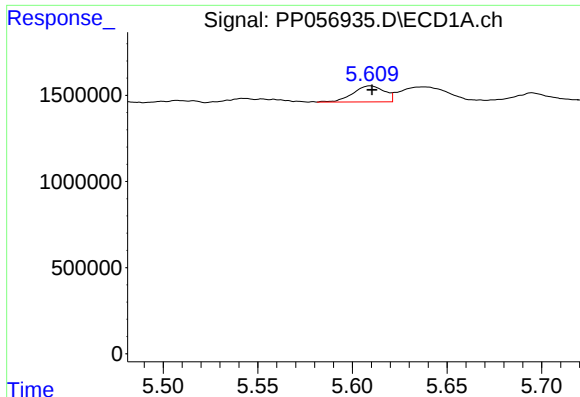
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 11745036
Conc: 353.83 ng/ml



#20 AR-1242-5

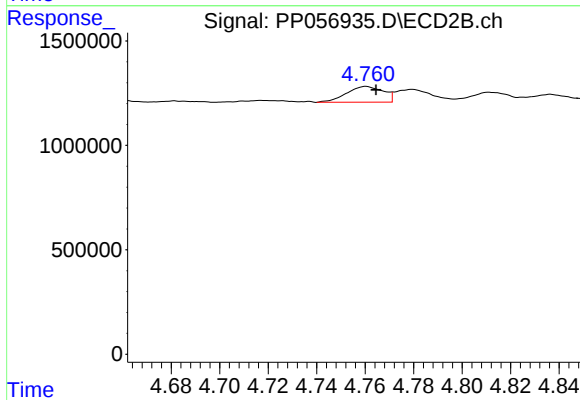
R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 44811323
Conc: 1123.88 ng/ml



#21 AR-1248-1

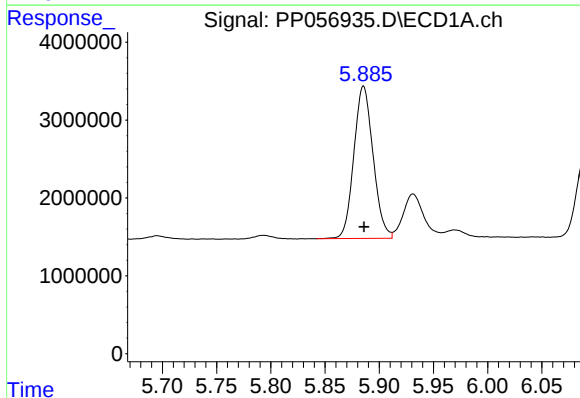
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 1086204
Conc: 28.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



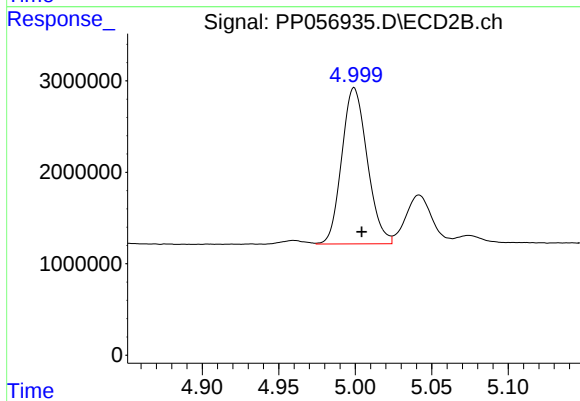
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: -0.004 min
Response: 797850
Conc: 24.24 ng/ml



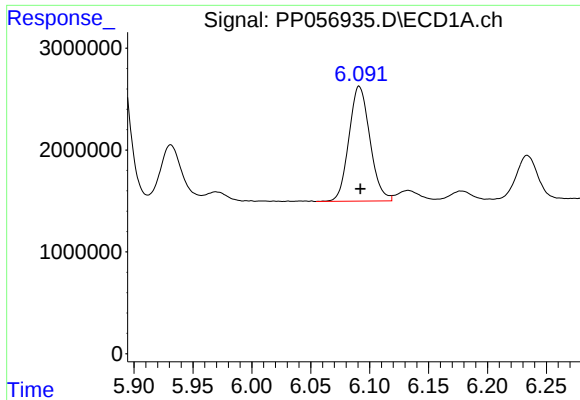
#22 AR-1248-2

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 2413835
Conc: 409.86 ng/ml



#22 AR-1248-2

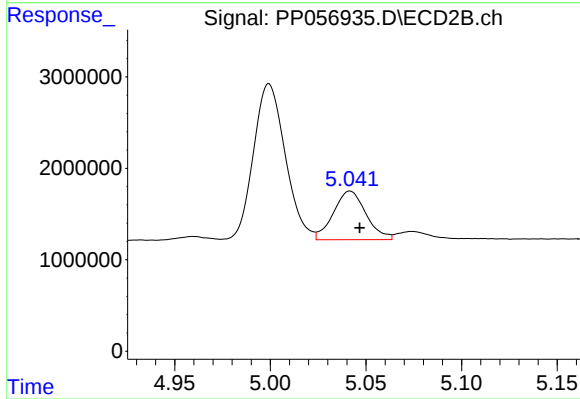
R.T.: 4.999 min
Delta R.T.: -0.005 min
Response: 19801729
Conc: 384.18 ng/ml



#23 AR-1248-3

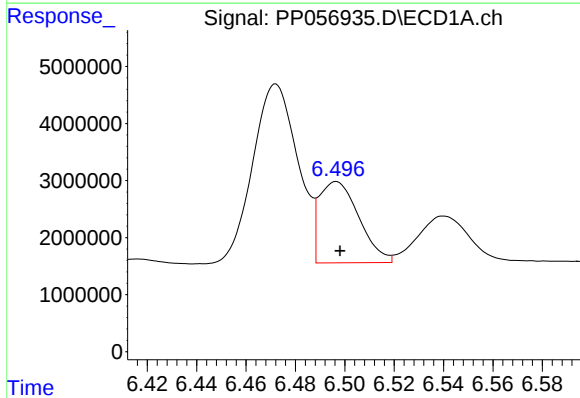
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 14000086
Conc: 219.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



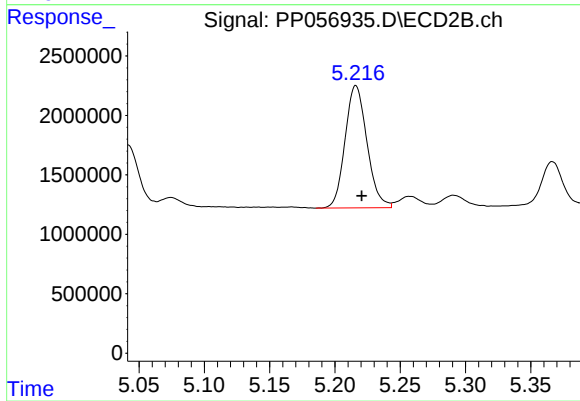
#23 AR-1248-3

R.T.: 5.042 min
Delta R.T.: -0.005 min
Response: 6313316
Conc: 117.61 ng/ml



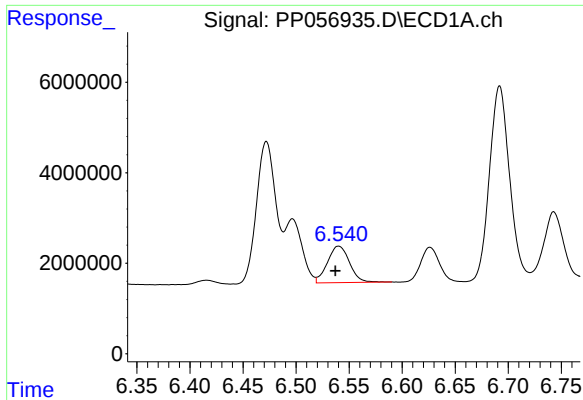
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: -0.001 min
Response: 15914452
Conc: 274.03 ng/ml



#24 AR-1248-4

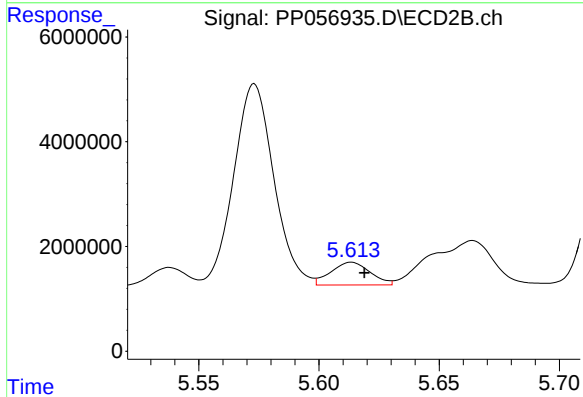
R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 12029817
Conc: 194.42 ng/ml



#25 AR-1248-5

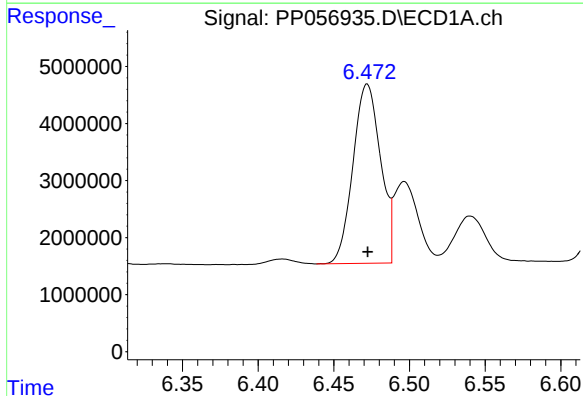
R.T.: 6.540 min
Delta R.T.: 0.003 min
Response: 11745036
Conc: 207.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



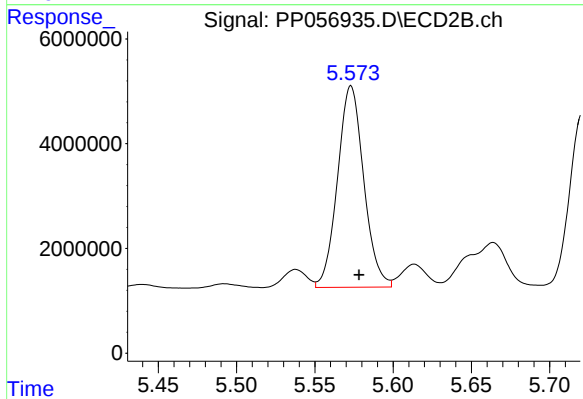
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.005 min
Response: 4926098
Conc: 95.94 ng/ml



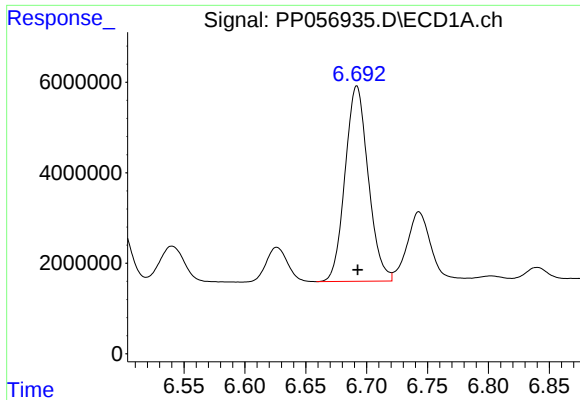
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 39869060
Conc: 562.28 ng/ml



#26 AR-1254-1

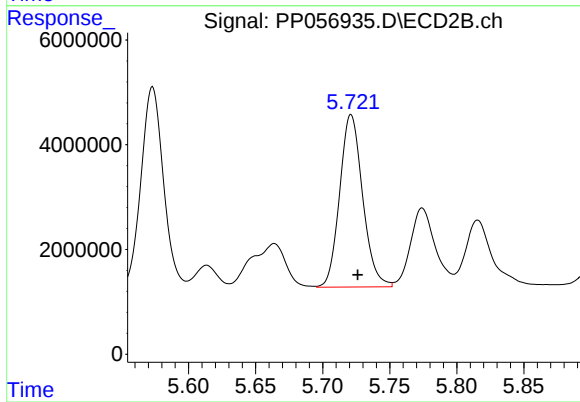
R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 44811323
Conc: 486.46 ng/ml



#27 AR-1254-2

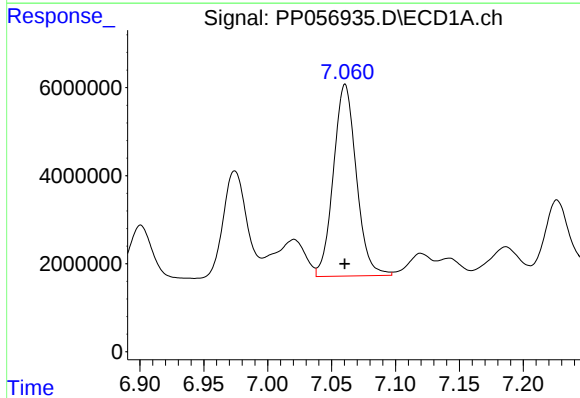
R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 57151417
Conc: 563.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



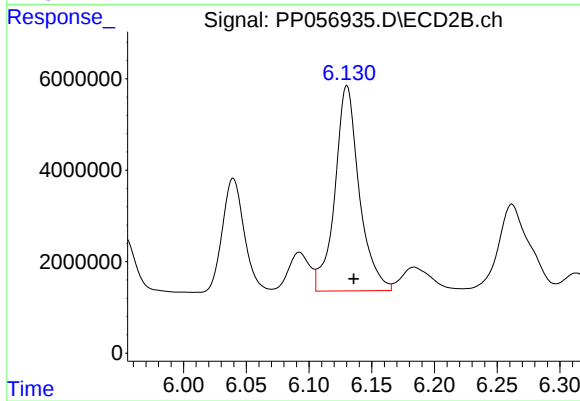
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 39186775
Conc: 487.58 ng/ml



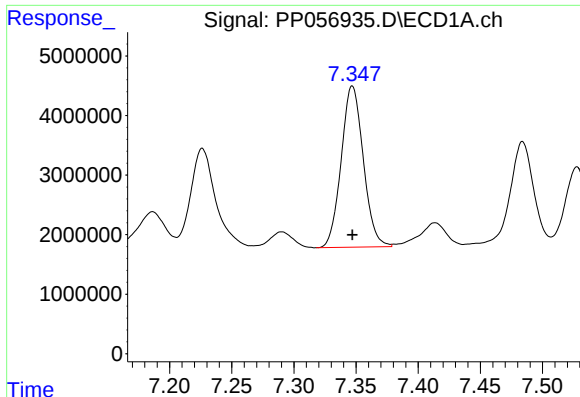
#28 AR-1254-3

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 54338095
Conc: 560.58 ng/ml



#28 AR-1254-3

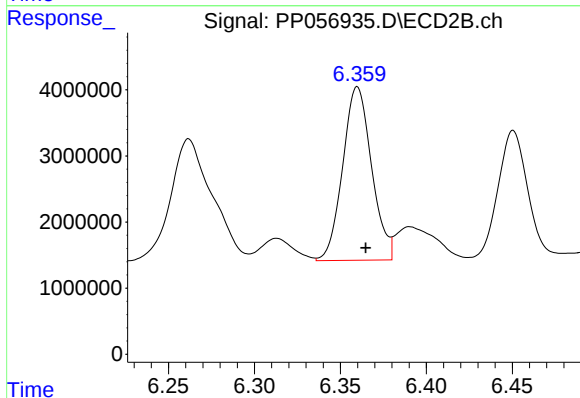
R.T.: 6.130 min
Delta R.T.: -0.006 min
Response: 60612205
Conc: 490.32 ng/ml



#29 AR-1254-4

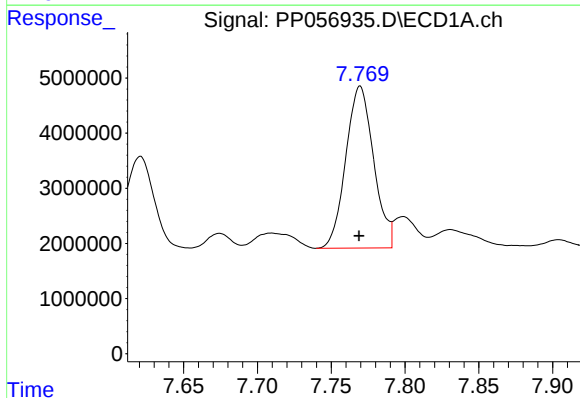
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 33526484
Conc: 549.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



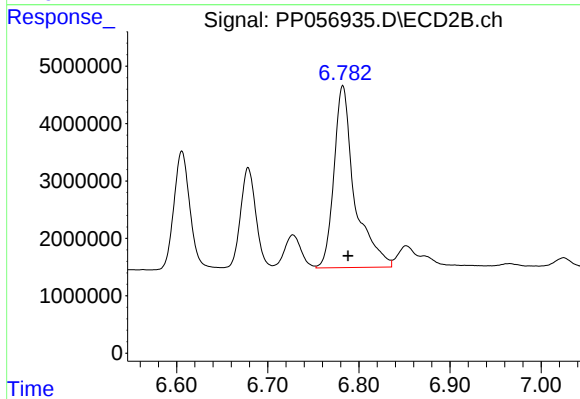
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 30676517
Conc: 482.66 ng/ml



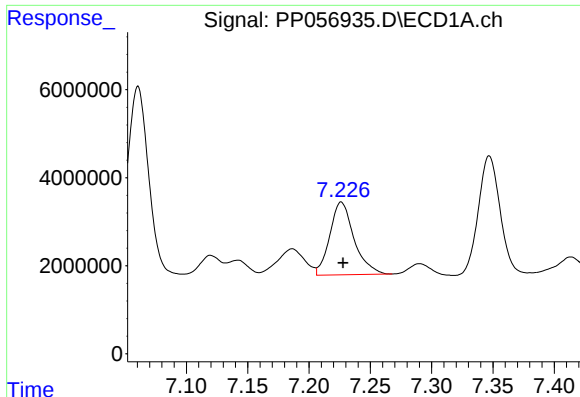
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 38532135
Conc: 565.46 ng/ml



#30 AR-1254-5

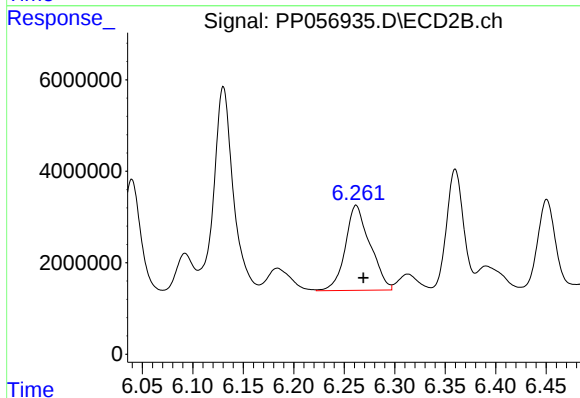
R.T.: 6.782 min
Delta R.T.: -0.006 min
Response: 49771298
Conc: 473.40 ng/ml



#31 AR-1260-1

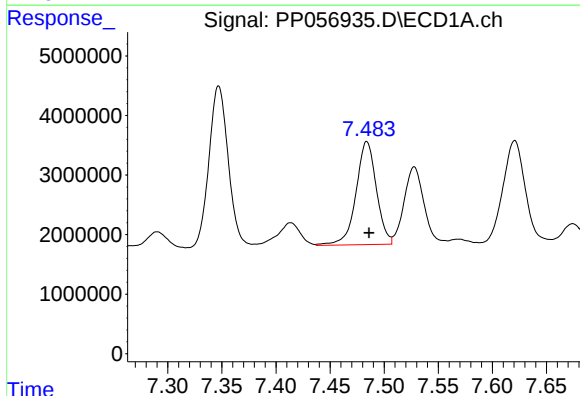
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 22762916
Conc: 279.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



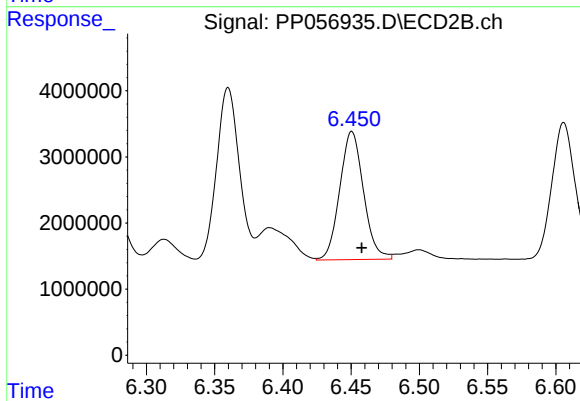
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.007 min
Response: 31690909
Conc: 331.34 ng/ml



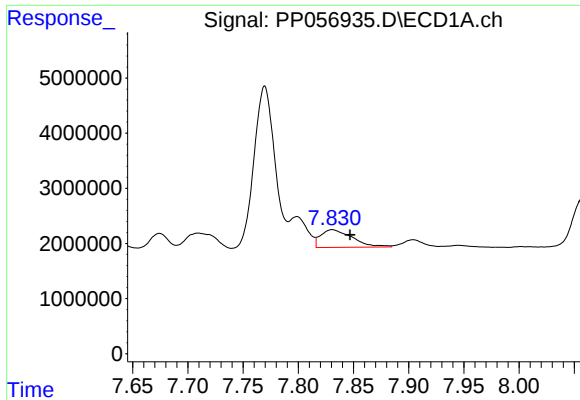
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 22786120
Conc: 267.07 ng/ml



#32 AR-1260-2

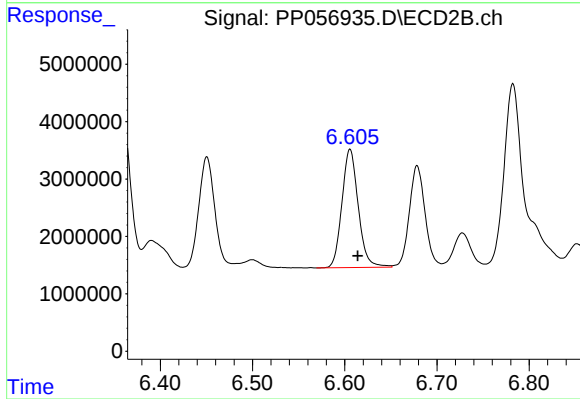
R.T.: 6.451 min
Delta R.T.: -0.007 min
Response: 23498317
Conc: 227.53 ng/ml



#33 AR-1260-3

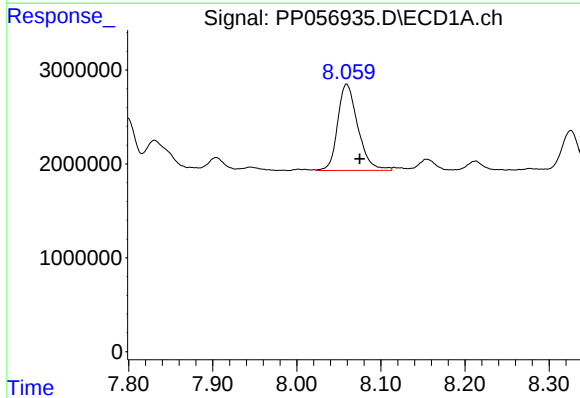
R.T.: 7.831 min
Delta R.T.: -0.016 min
Response: 6403989
Conc: 91.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



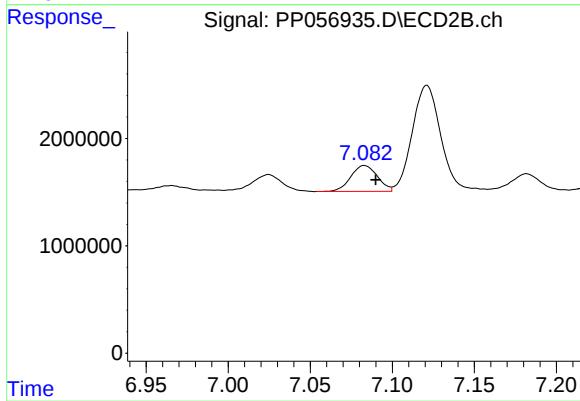
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: -0.008 min
Response: 25278673
Conc: 243.76 ng/ml



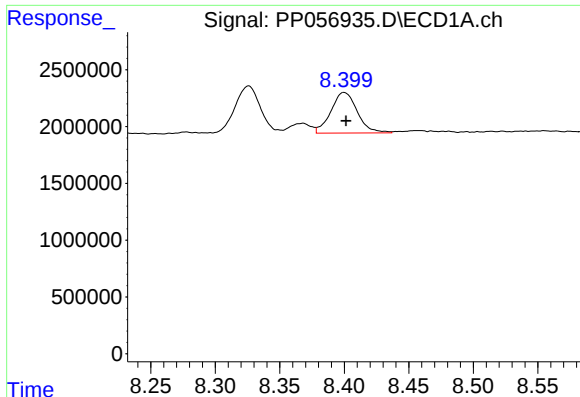
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: -0.016 min
Response: 15382041
Conc: 201.60 ng/ml



#34 AR-1260-4

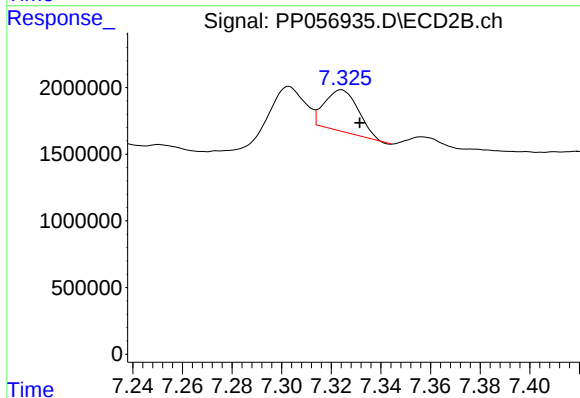
R.T.: 7.083 min
Delta R.T.: -0.007 min
Response: 2727424
Conc: 31.93 ng/ml



#35 AR-1260-5

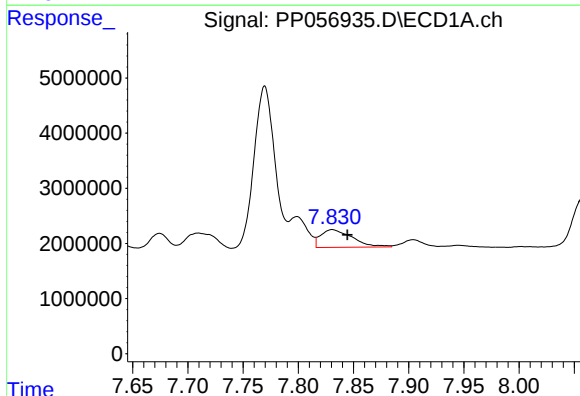
R.T.: 8.400 min
Delta R.T.: -0.001 min
Response: 5076978
Conc: 40.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



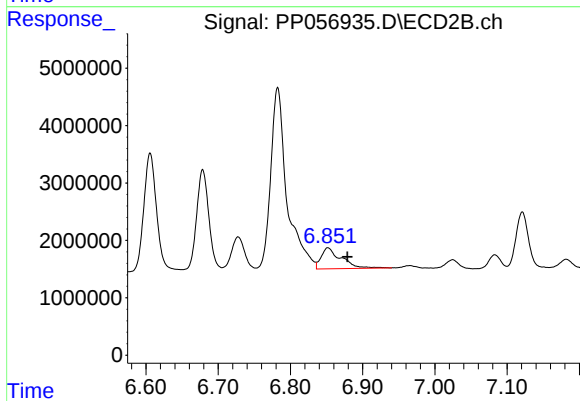
#35 AR-1260-5

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 2926330
Conc: 18.49 ng/ml



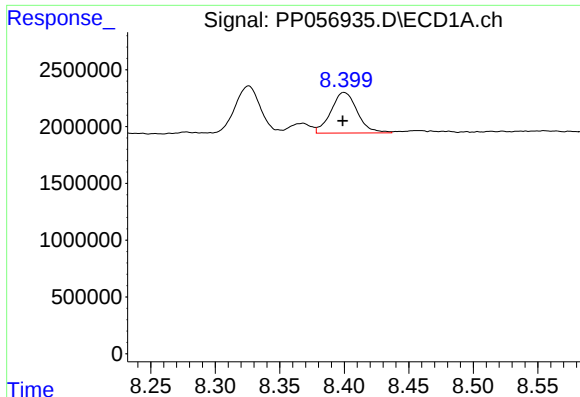
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: -0.014 min
Response: 6403989
Conc: 72.71 ng/ml



#36 AR-1262-1

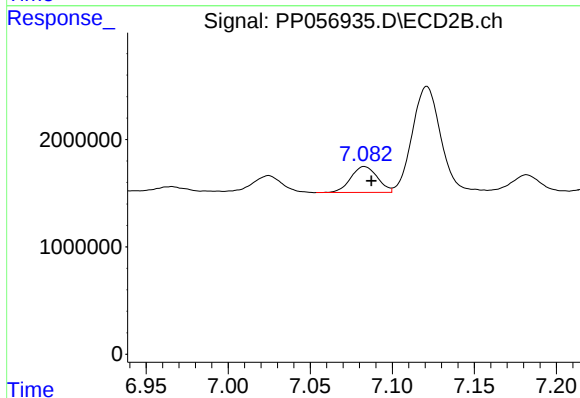
R.T.: 6.852 min
Delta R.T.: -0.027 min
Response: 7034975
Conc: 150.35 ng/ml



#37 AR-1262-2

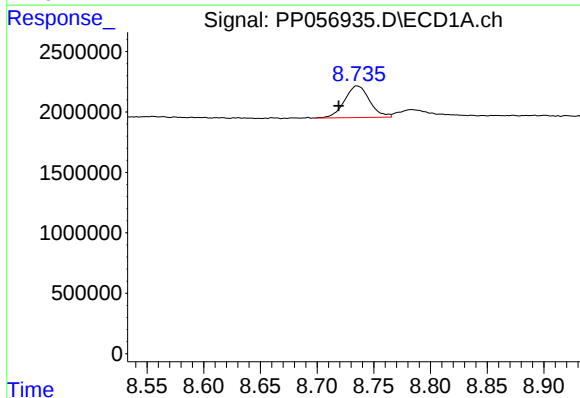
R.T.: 8.400 min
Delta R.T.: 0.001 min
Response: 5076978
Conc: 39.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



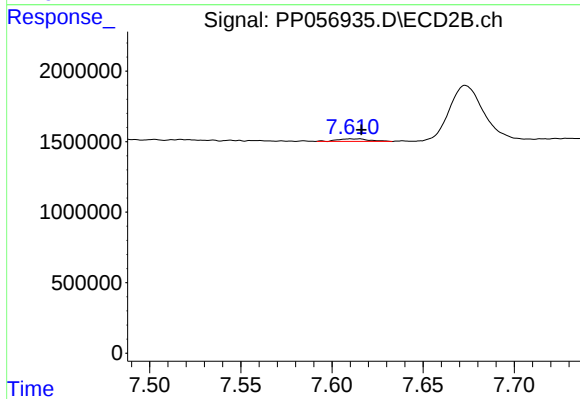
#37 AR-1262-2

R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 2727424
Conc: 27.89 ng/ml



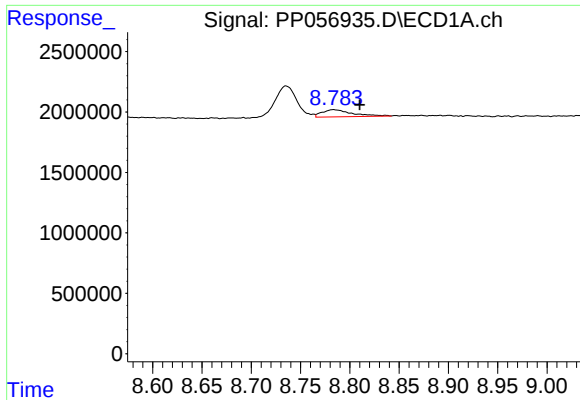
#38 AR-1262-3

R.T.: 8.735 min
Delta R.T.: 0.016 min
Response: 4032044
Conc: 43.77 ng/ml



#38 AR-1262-3

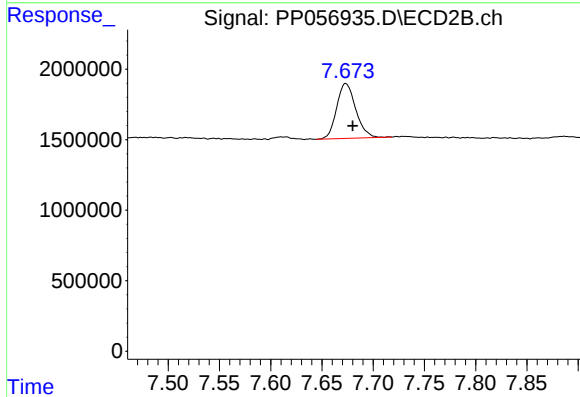
R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 220844
Conc: 3.33 ng/ml



#39 AR-1262-4

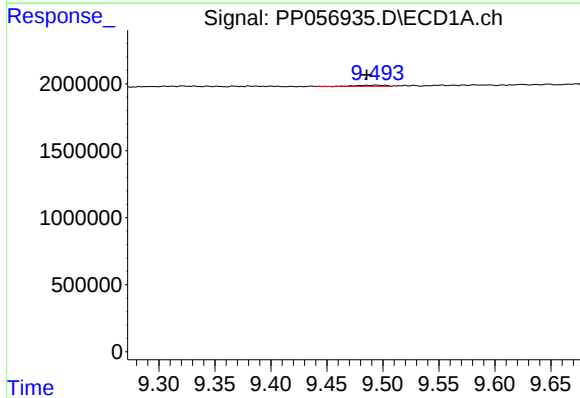
R.T.: 8.783 min
Delta R.T.: -0.027 min
Response: 1281779
Conc: 28.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



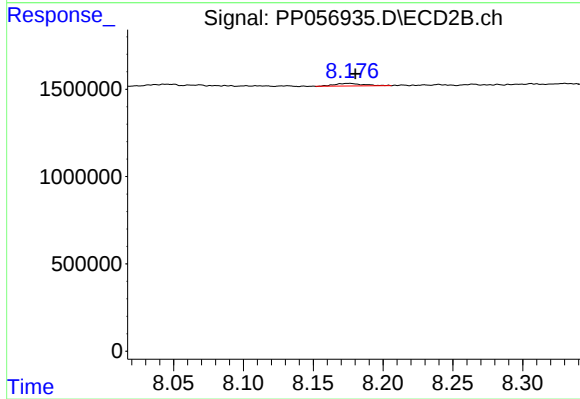
#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 5037090
Conc: 42.74 ng/ml



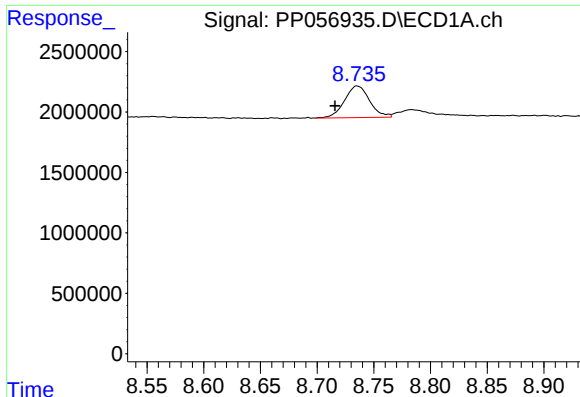
#40 AR-1262-5

R.T.: 9.494 min
Delta R.T.: 0.008 min
Response: 150645
Conc: 3.75 ng/ml



#40 AR-1262-5

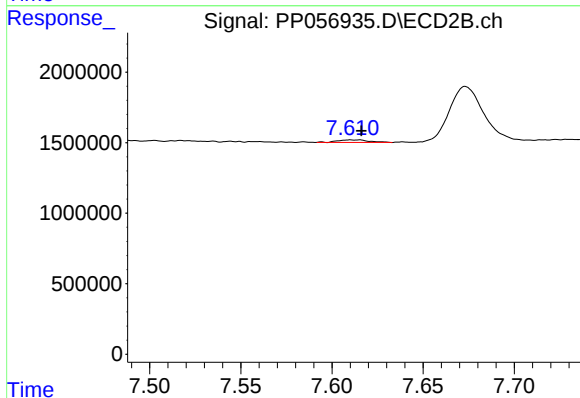
R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 224466
Conc: 4.61 ng/ml



#41 AR-1268-1

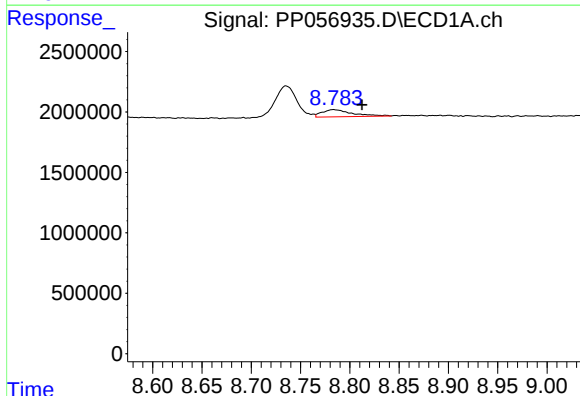
R.T.: 8.735 min
Delta R.T.: 0.019 min
Response: 4032044
Conc: 21.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



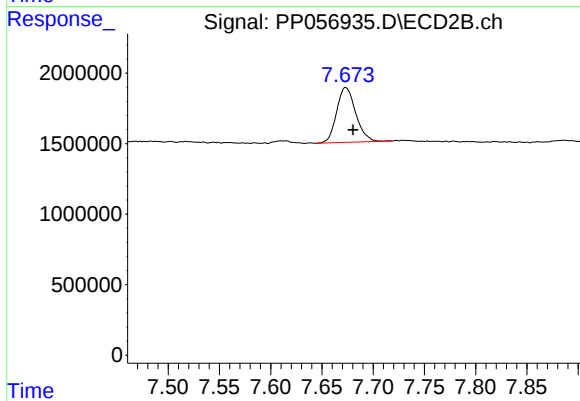
#41 AR-1268-1

R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 220844
Conc: 1.00 ng/ml



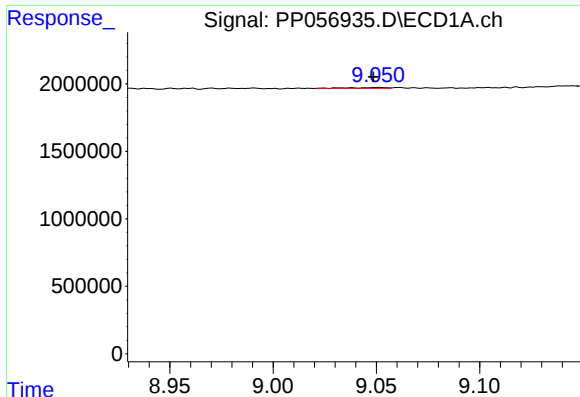
#42 AR-1268-2

R.T.: 8.783 min
Delta R.T.: -0.029 min
Response: 1281779
Conc: 7.72 ng/ml



#42 AR-1268-2

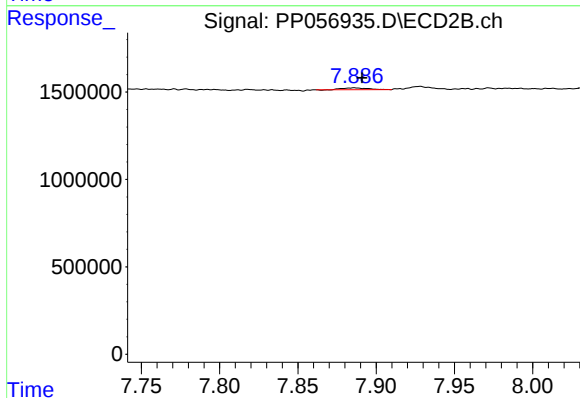
R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 5037090
Conc: 25.94 ng/ml



#43 AR-1268-3

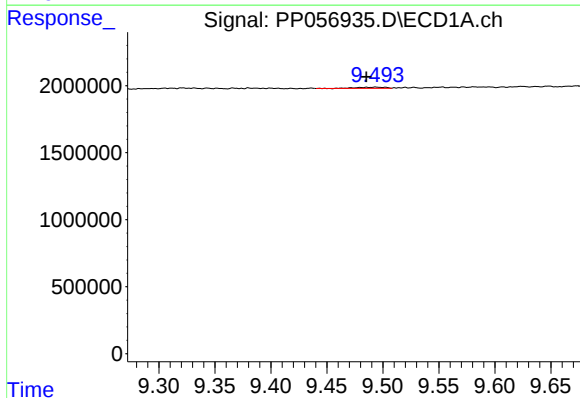
R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 81973
Conc: 0.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



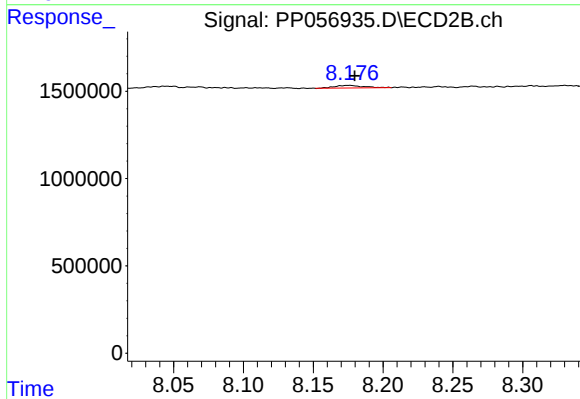
#43 AR-1268-3

R.T.: 7.886 min
Delta R.T.: -0.005 min
Response: 120080
Conc: 0.61 ng/ml



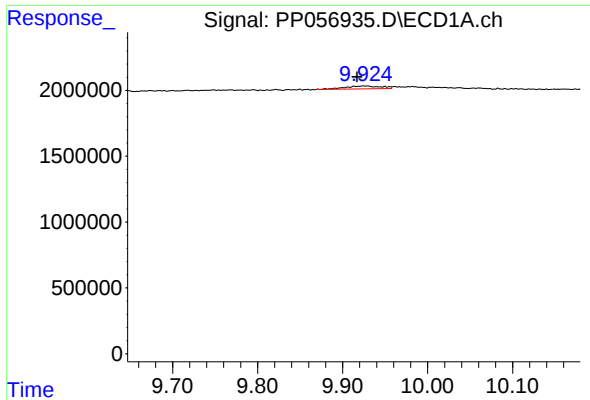
#44 AR-1268-4

R.T.: 9.494 min
Delta R.T.: 0.008 min
Response: 150645
Conc: 3.24 ng/ml



#44 AR-1268-4

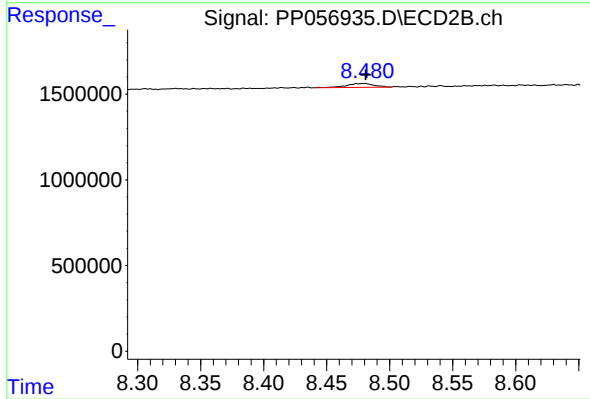
R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 224466
Conc: 3.88 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: 0.008 min
Response: 668628
Conc: 1.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 337182
Conc: 0.66 ng/ml