

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022823\
 Data File : PP056079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 21:36
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 22:36:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.322	3.564	87621343	67089481	54.381	45.946
2)	SA Decachlor...	10.067	8.566	87895585	59693902	43.087	52.617
Target Compounds							
3)	L1 AR-1016-1	5.491	4.645	31625971	21151292	529.981	469.715
4)	L1 AR-1016-2	5.514	4.664	46325323	30248891	529.498	465.770
5)	L1 AR-1016-3	5.577	4.840	29148089	16414691	524.721	472.324
6)	L1 AR-1016-4	5.675	4.882	23637116	13379279	530.439	447.606
7)	L1 AR-1016-5	5.971	5.095	24982330	18938600	517.397	479.052
8)	L2 AR-1221-1	4.526	3.776	3084283	2418784	148.179	134.656
9)	L2 AR-1221-2	4.618	3.862	4691419	3442252	294.933	262.100
10)	L2 AR-1221-3	4.693	3.937	17794723	13373636	366.806	320.421
11)	L3 AR-1232-1	4.693	3.937	17794723	13373636	449.249	388.480
12)	L3 AR-1232-2	5.223	4.664	24117945	30248891	1161.111	1030.617
13)	L3 AR-1232-3	5.514	4.840	46325323	16414691	1175.662	1080.107
14)	L3 AR-1232-4	5.675	4.924	23637116	17127782	1206.610	1129.829
15)	L3 AR-1232-5	5.767	5.095	19935998	18938600	1246.521	1155.391
16)	L4 AR-1242-1	5.491	4.645	31625971	21151292	654.968	574.872
17)	L4 AR-1242-2	5.514	4.664	46325323	30248891	651.928	574.290
18)	L4 AR-1242-3	5.577	4.840	29148089	16414691	653.336	579.809
19)	L4 AR-1242-4	5.675	4.924	23637116	17127782	654.216	555.144
20)	L4 AR-1242-5	6.415	5.447	7329635	18199897	174.977	546.391 #
21)	L5 AR-1248-1	5.491	4.645	31625971	21151292	869.249	757.348
22)	L5 AR-1248-2	5.767	4.882	19935998	13379279	346.485	314.505
23)	L5 AR-1248-3	5.971	4.924	24982330	17127782	384.472	384.882
24)	L5 AR-1248-4	6.376	5.095	8479038	18938600	116.867	369.885 #
25)	L5 AR-1248-5	6.415	5.487	7329635	4657797	103.412	105.676
26)	L6 AR-1254-1	6.351	5.447	21406781	18199897	291.162	247.375
27)	L6 AR-1254-2	6.569	5.595	19382530	13298798	167.953	211.371 #
28)	L6 AR-1254-3	6.938	6.015	9666458	23409332	78.545	238.683 #
29)	L6 AR-1254-4	7.224	6.229	7977015	1464987	86.848	26.614 #
30)	L6 AR-1254-5	7.644	6.646	63455778	40995888	603.748	504.572
31)	L7 AR-1260-1	7.102	6.130	50476526	35158623	487.489	482.276
32)	L7 AR-1260-2	7.361	6.319	57089923	40027035	453.917	490.540
33)	L7 AR-1260-3	7.722	6.472	42729512	37960216	486.518	449.199
34)	L7 AR-1260-4	7.948	6.945	48518049	31771854	451.436	496.429
35)	L7 AR-1260-5	8.264	7.188	92273883	65702893	446.957	485.396
36)	L8 AR-1262-1	7.722	6.739	42729512	17224699	362.173	488.669 #
37)	L8 AR-1262-2	8.264	6.945	92273883	31771854	420.427	427.885
38)	L8 AR-1262-3	8.585	7.472	59838952	15162986	391.415	273.285 #
39)	L8 AR-1262-4	8.661	7.535	16432519	47914514	218.270	471.990 #
40)	L8 AR-1262-5	9.316	8.032	25681156	15956966	311.489	350.883
41)	L9 AR-1268-1	8.585	7.472	59838952	15162986	209.668	90.182 #

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 Acq On : 28 Feb 2023 21:36
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

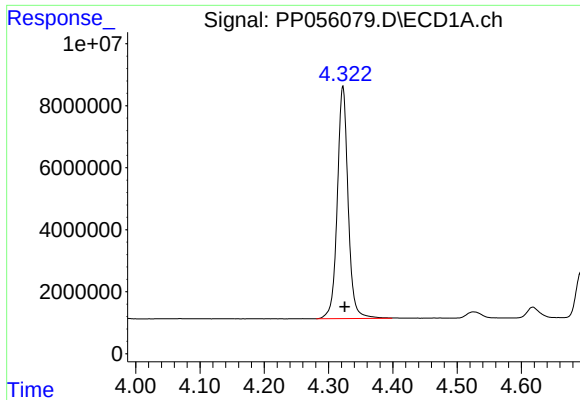
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 22:36:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
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 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	8.661	7.535	16432519	47914514	61.630	313.248 #
43) L9	AR-1268-3	8.892	7.742	1114194	970451	4.735	7.073 #
44) L9	AR-1268-4	9.316	8.032	25681156	15956966	260.117	290.036
45) L9	AR-1268-5	9.730	8.318	7499164	4970677	9.961	12.323

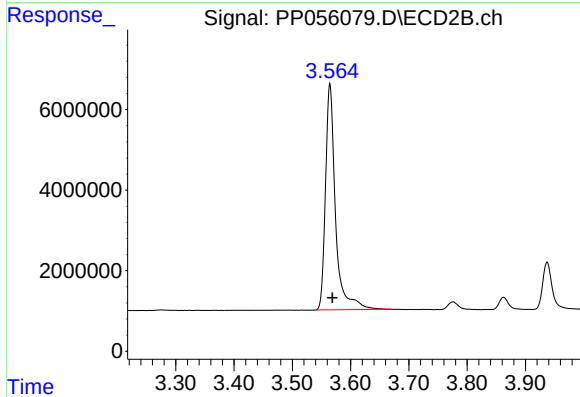
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

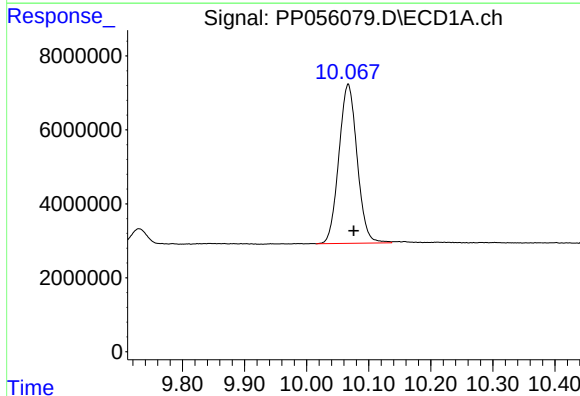
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 87621343
Conc: 54.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



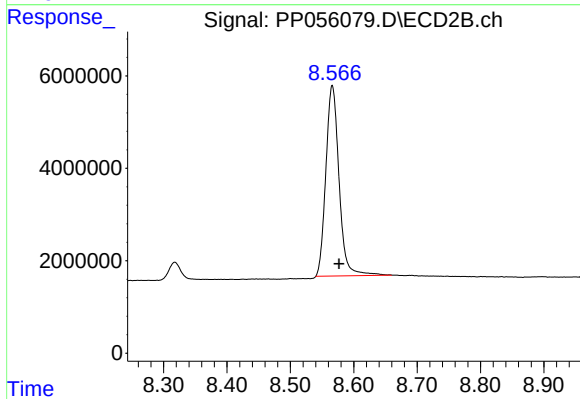
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: -0.004 min
Response: 67089481
Conc: 45.95 ng/ml



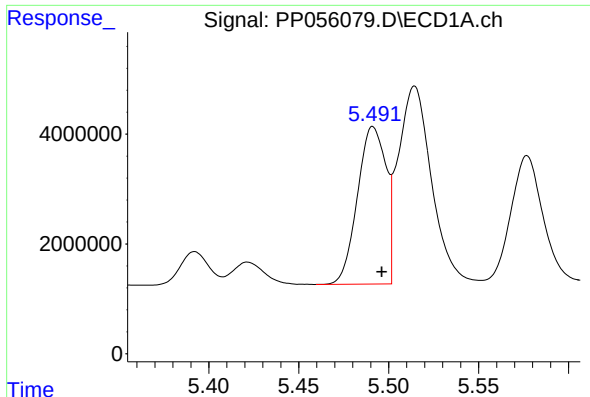
#2 Decachlorobiphenyl

R.T.: 10.067 min
Delta R.T.: -0.009 min
Response: 87895585
Conc: 43.09 ng/ml



#2 Decachlorobiphenyl

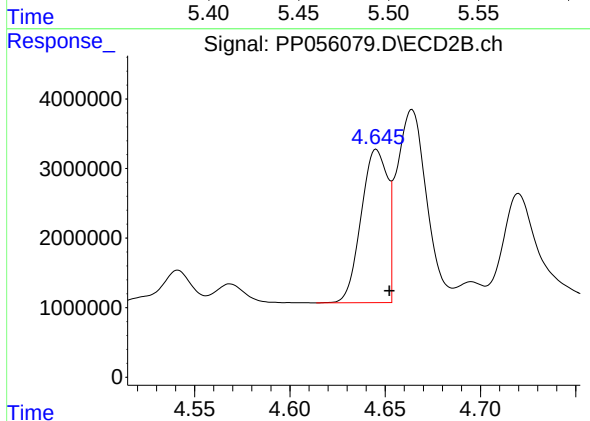
R.T.: 8.566 min
Delta R.T.: -0.010 min
Response: 59693902
Conc: 52.62 ng/ml



#3 AR-1016-1

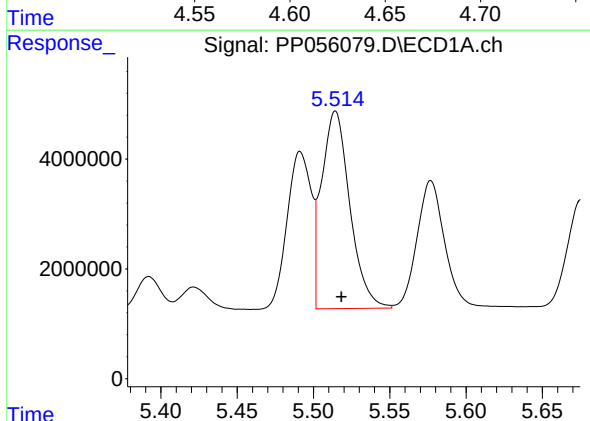
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 31625971
Conc: 529.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



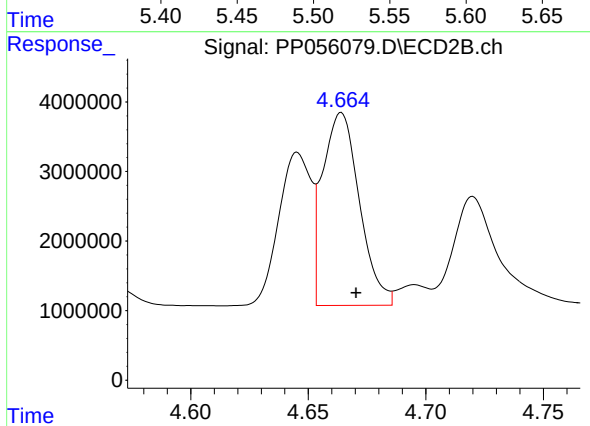
#3 AR-1016-1

R.T.: 4.645 min
Delta R.T.: -0.007 min
Response: 21151292
Conc: 469.71 ng/ml



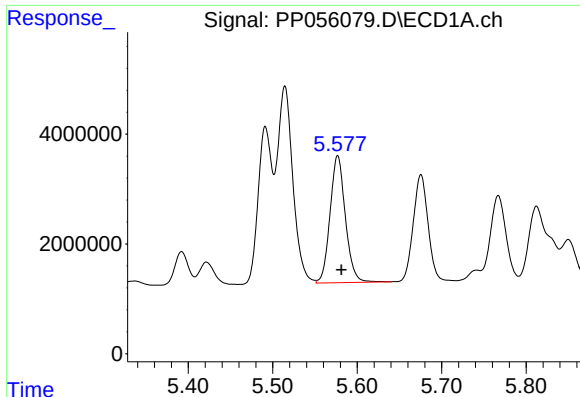
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 46325323
Conc: 529.50 ng/ml



#4 AR-1016-2

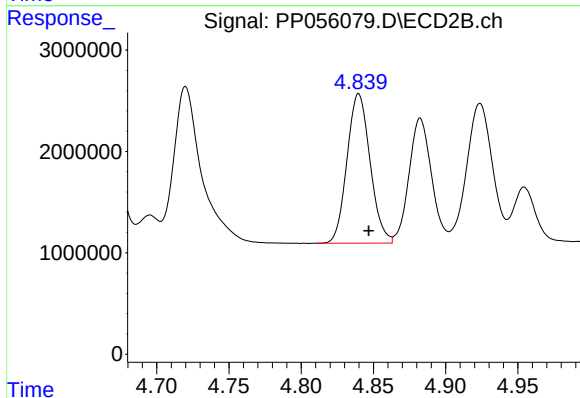
R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 30248891
Conc: 465.77 ng/ml



#5 AR-1016-3

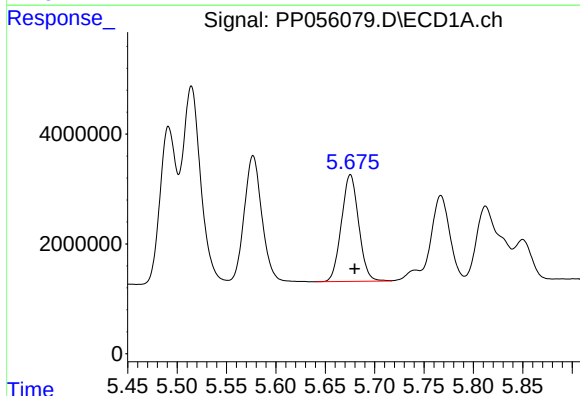
R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 29148089
Conc: 524.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



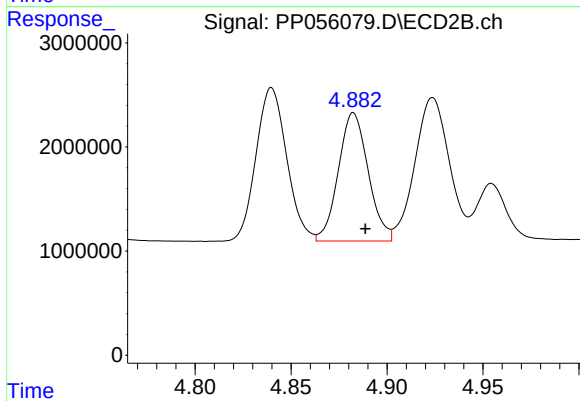
#5 AR-1016-3

R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 16414691
Conc: 472.32 ng/ml



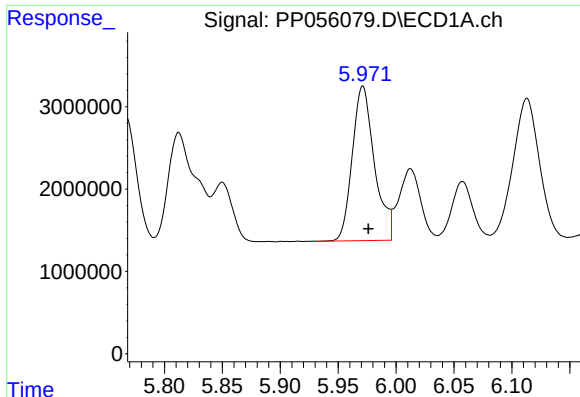
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 23637116
Conc: 530.44 ng/ml



#6 AR-1016-4

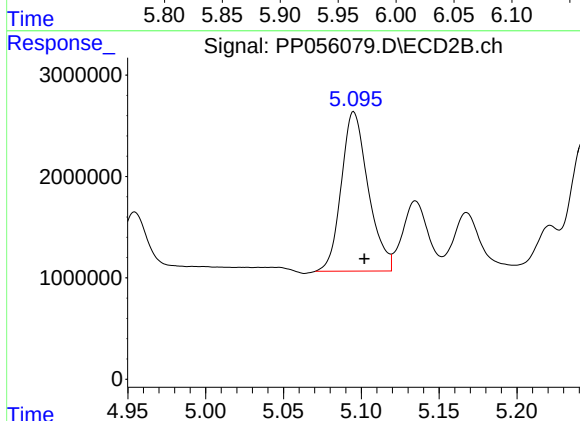
R.T.: 4.882 min
Delta R.T.: -0.006 min
Response: 13379279
Conc: 447.61 ng/ml



#7 AR-1016-5

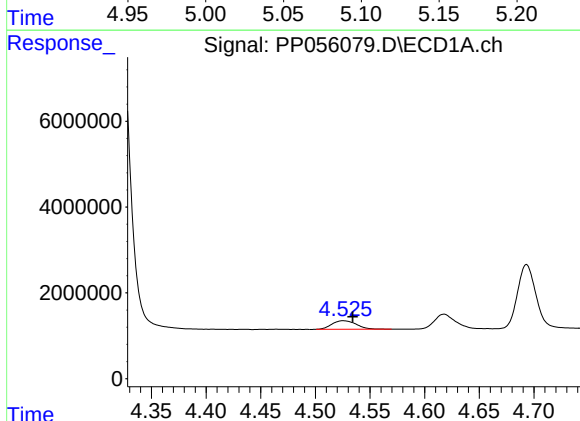
R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 24982330
Conc: 517.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



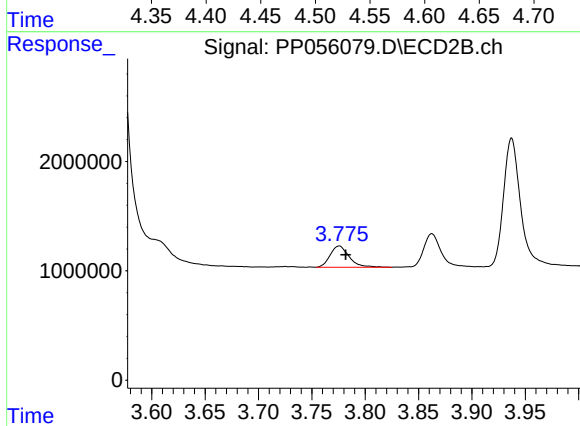
#7 AR-1016-5

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 18938600
Conc: 479.05 ng/ml



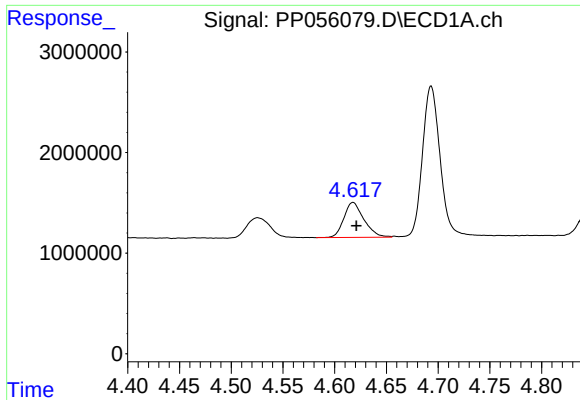
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: -0.009 min
Response: 3084283
Conc: 148.18 ng/ml



#8 AR-1221-1

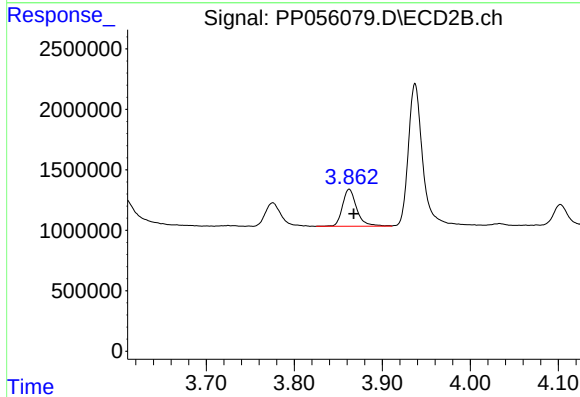
R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 2418784
Conc: 134.66 ng/ml



#9 AR-1221-2

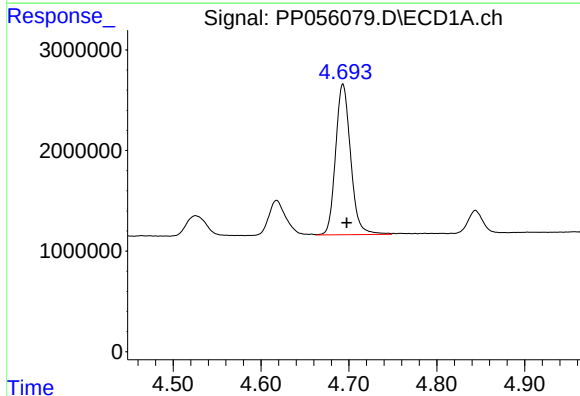
R.T.: 4.618 min
Delta R.T.: -0.003 min
Response: 4691419
Conc: 294.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



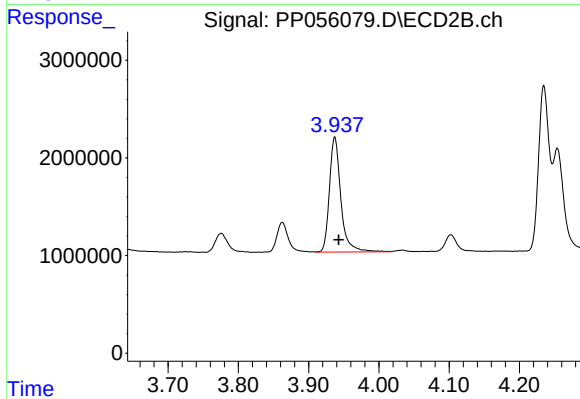
#9 AR-1221-2

R.T.: 3.862 min
Delta R.T.: -0.005 min
Response: 3442252
Conc: 262.10 ng/ml



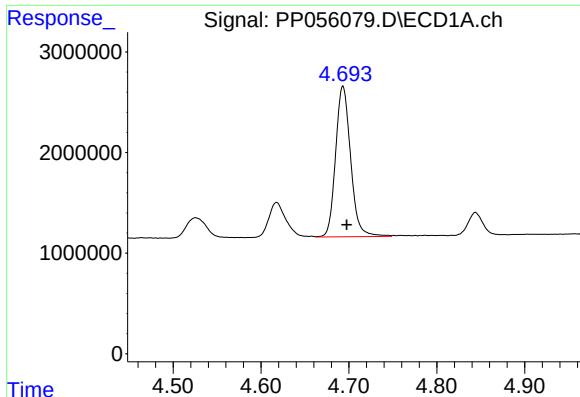
#10 AR-1221-3

R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 17794723
Conc: 366.81 ng/ml



#10 AR-1221-3

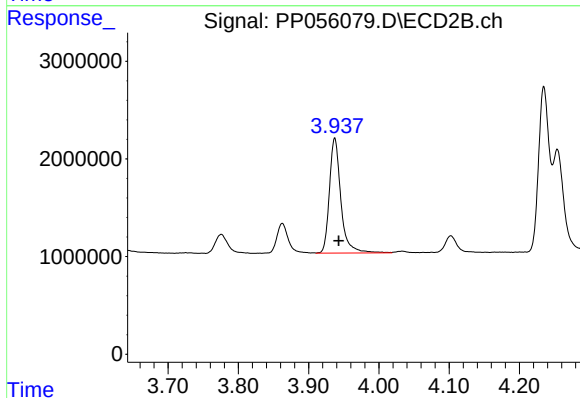
R.T.: 3.937 min
Delta R.T.: -0.006 min
Response: 13373636
Conc: 320.42 ng/ml



#11 AR-1232-1

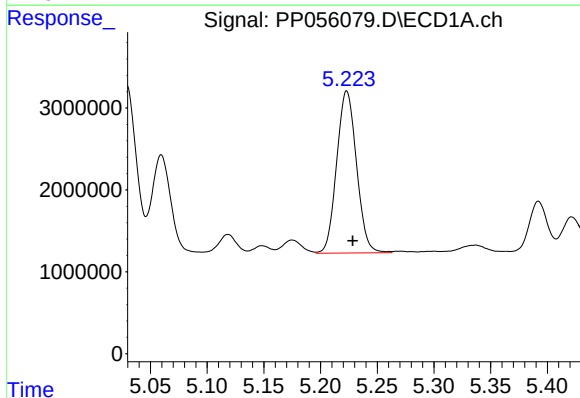
R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 17794723
Conc: 449.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



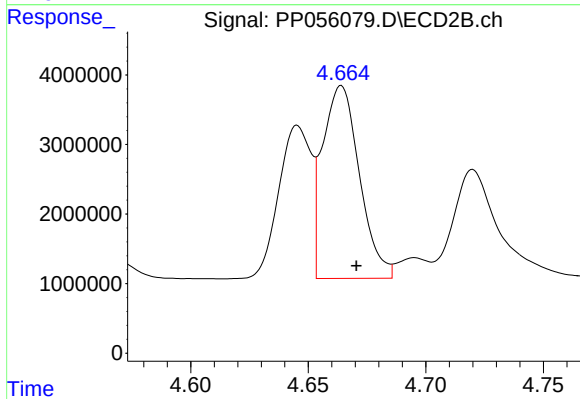
#11 AR-1232-1

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 13373636
Conc: 388.48 ng/ml



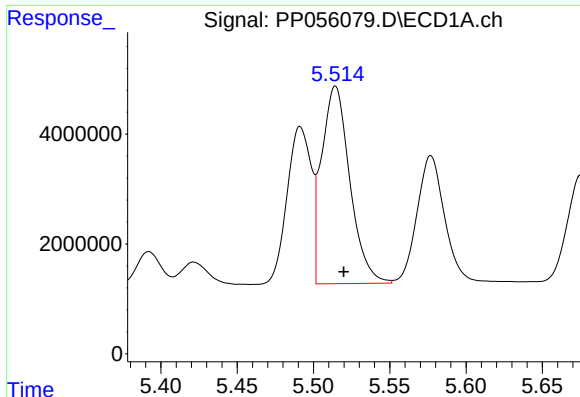
#12 AR-1232-2

R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 24117945
Conc: 1161.11 ng/ml



#12 AR-1232-2

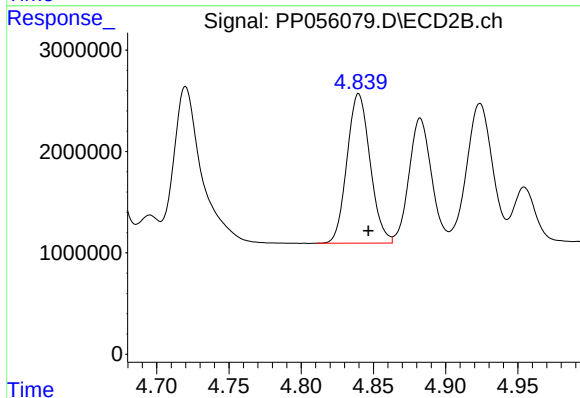
R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 30248891
Conc: 1030.62 ng/ml



#13 AR-1232-3

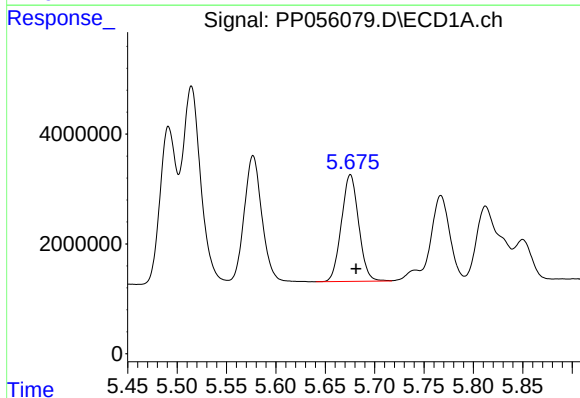
R.T.: 5.514 min
Delta R.T.: -0.005 min
Response: 46325323
Conc: 1175.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



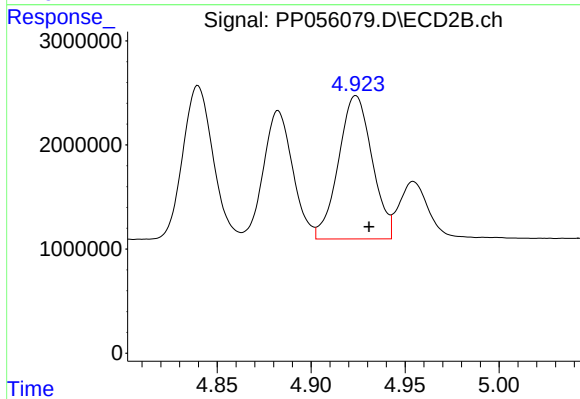
#13 AR-1232-3

R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 16414691
Conc: 1080.11 ng/ml



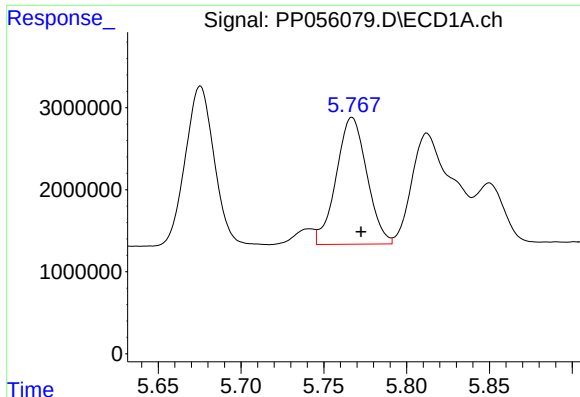
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 23637116
Conc: 1206.61 ng/ml



#14 AR-1232-4

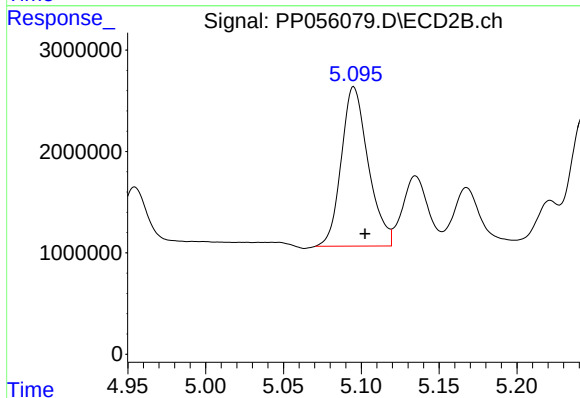
R.T.: 4.924 min
Delta R.T.: -0.007 min
Response: 17127782
Conc: 1129.83 ng/ml



#15 AR-1232-5

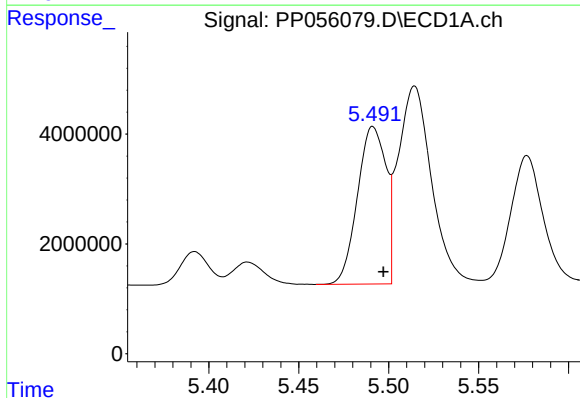
R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 19935998
Conc: 1246.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



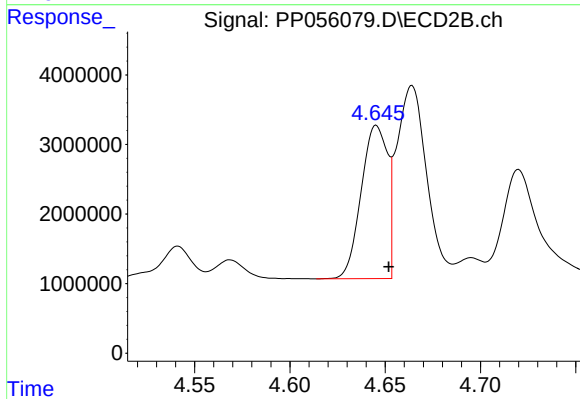
#15 AR-1232-5

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 18938600
Conc: 1155.39 ng/ml



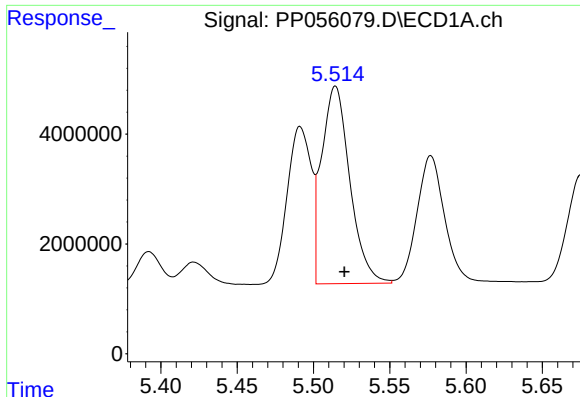
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 31625971
Conc: 654.97 ng/ml



#16 AR-1242-1

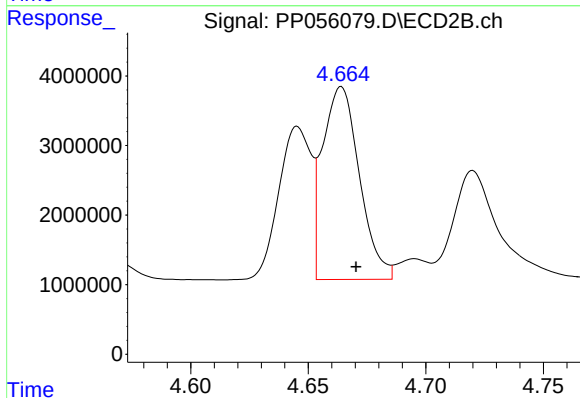
R.T.: 4.645 min
Delta R.T.: -0.006 min
Response: 21151292
Conc: 574.87 ng/ml



#17 AR-1242-2

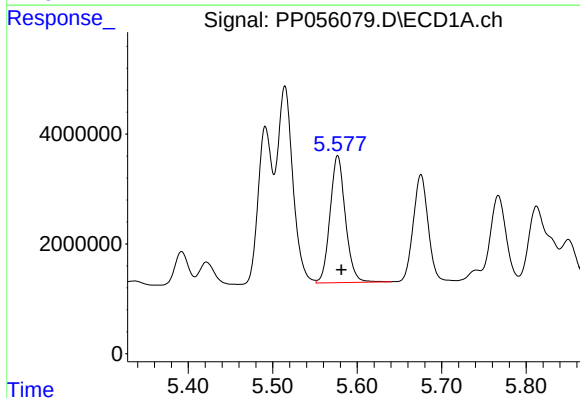
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 46325323
Conc: 651.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



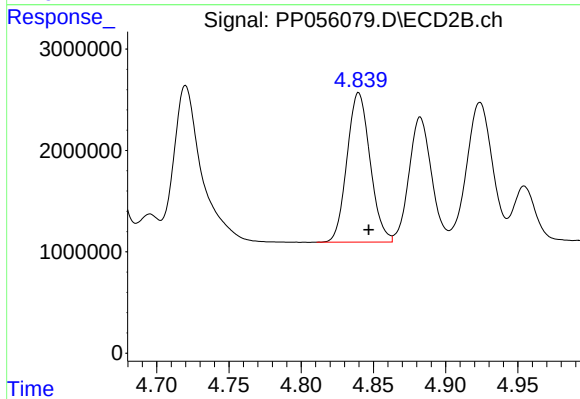
#17 AR-1242-2

R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 30248891
Conc: 574.29 ng/ml



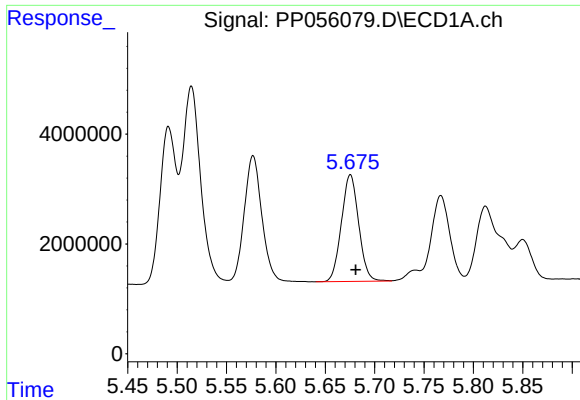
#18 AR-1242-3

R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 29148089
Conc: 653.34 ng/ml



#18 AR-1242-3

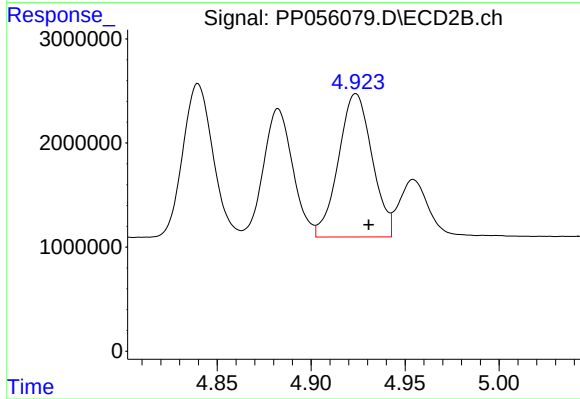
R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 16414691
Conc: 579.81 ng/ml



#19 AR-1242-4

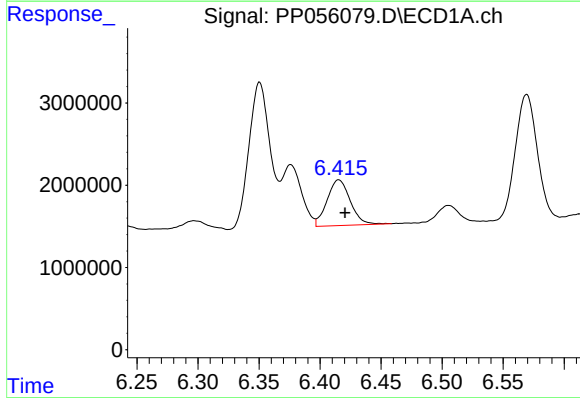
R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 23637116
Conc: 654.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



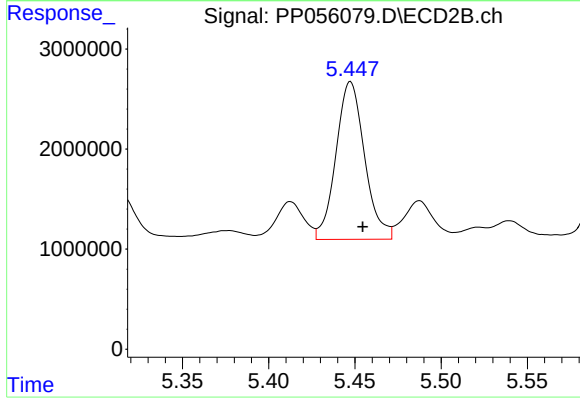
#19 AR-1242-4

R.T.: 4.924 min
Delta R.T.: -0.007 min
Response: 17127782
Conc: 555.14 ng/ml



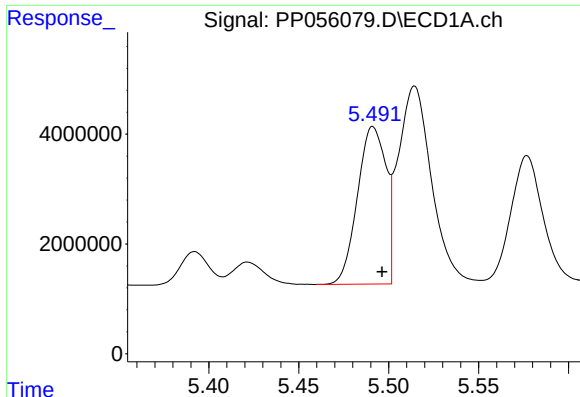
#20 AR-1242-5

R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 7329635
Conc: 174.98 ng/ml



#20 AR-1242-5

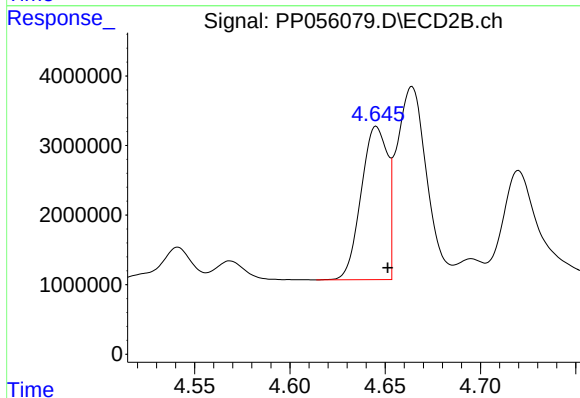
R.T.: 5.447 min
Delta R.T.: -0.007 min
Response: 18199897
Conc: 546.39 ng/ml



#21 AR-1248-1

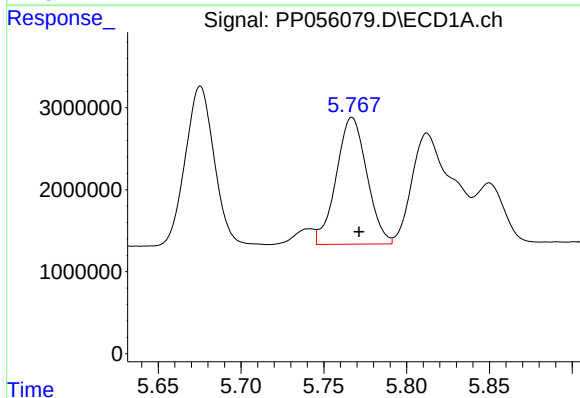
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 31625971
Conc: 869.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



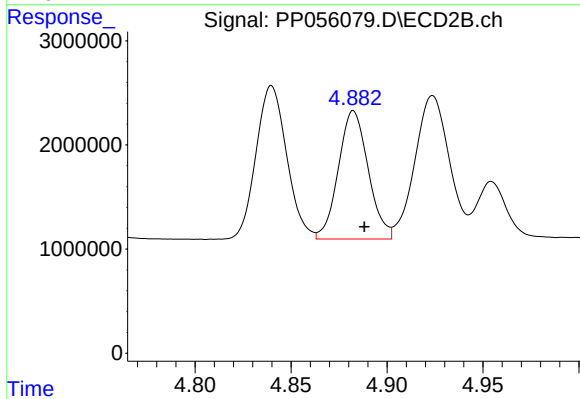
#21 AR-1248-1

R.T.: 4.645 min
Delta R.T.: -0.006 min
Response: 21151292
Conc: 757.35 ng/ml



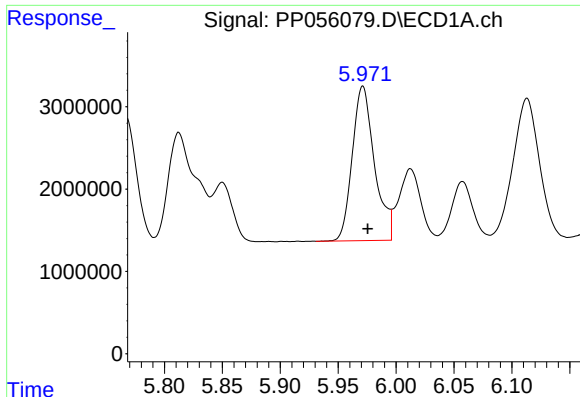
#22 AR-1248-2

R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 19935998
Conc: 346.49 ng/ml



#22 AR-1248-2

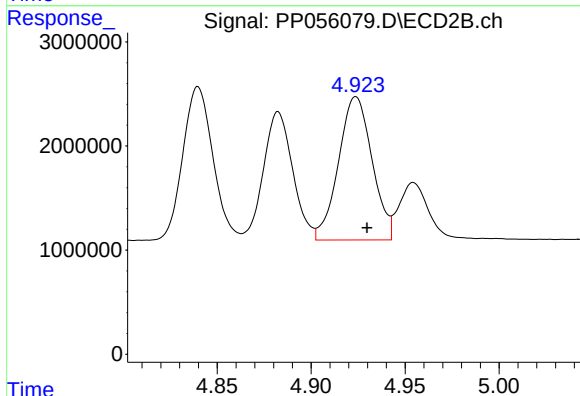
R.T.: 4.882 min
Delta R.T.: -0.006 min
Response: 13379279
Conc: 314.51 ng/ml



#23 AR-1248-3

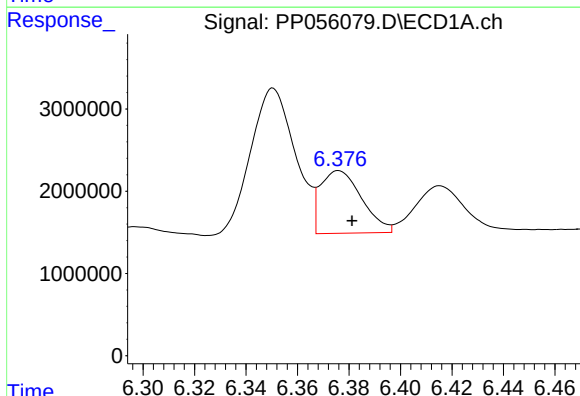
R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 24982330
Conc: 384.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



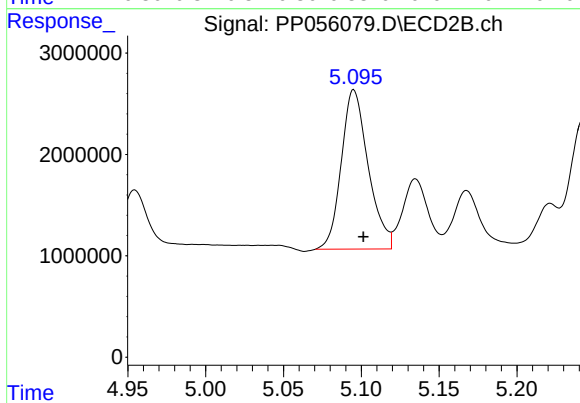
#23 AR-1248-3

R.T.: 4.924 min
Delta R.T.: -0.006 min
Response: 17127782
Conc: 384.88 ng/ml



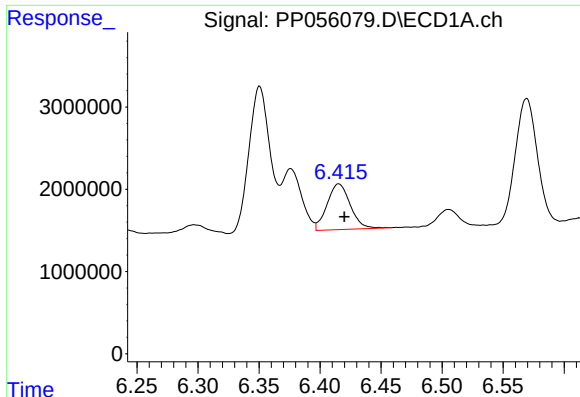
#24 AR-1248-4

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 8479038
Conc: 116.87 ng/ml



#24 AR-1248-4

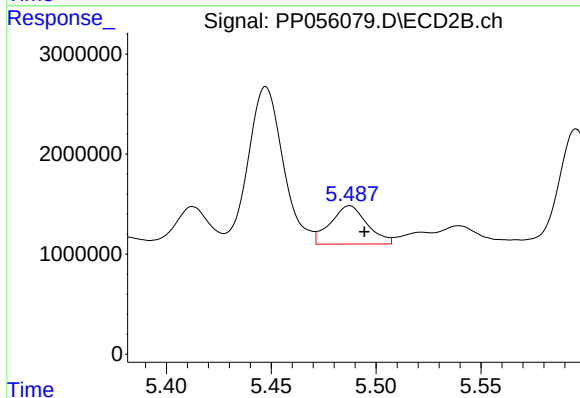
R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 18938600
Conc: 369.88 ng/ml



#25 AR-1248-5

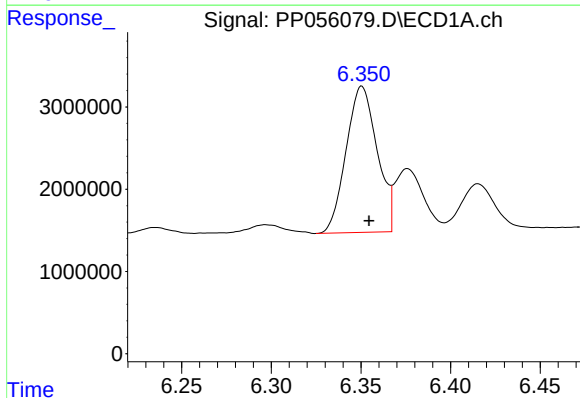
R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 7329635
Conc: 103.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



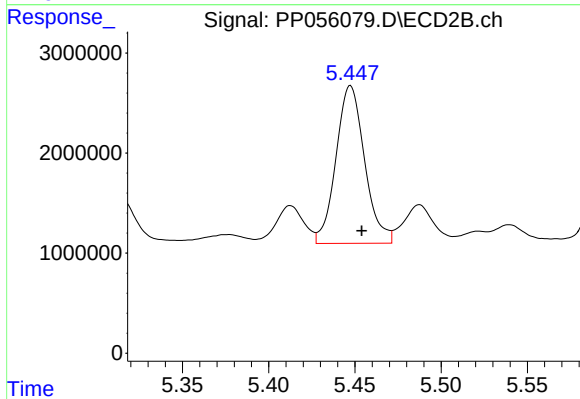
#25 AR-1248-5

R.T.: 5.487 min
Delta R.T.: -0.007 min
Response: 4657797
Conc: 105.68 ng/ml



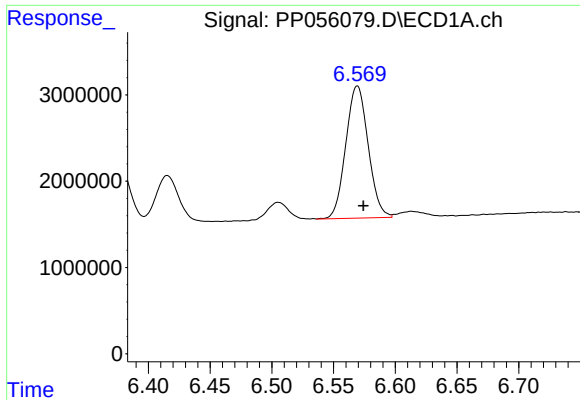
#26 AR-1254-1

R.T.: 6.351 min
Delta R.T.: -0.004 min
Response: 21406781
Conc: 291.16 ng/ml



#26 AR-1254-1

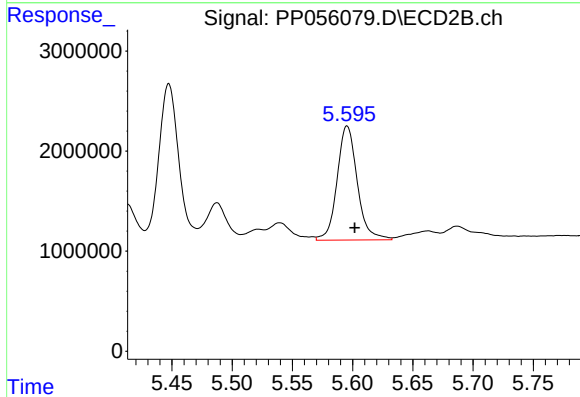
R.T.: 5.447 min
Delta R.T.: -0.007 min
Response: 18199897
Conc: 247.37 ng/ml



#27 AR-1254-2

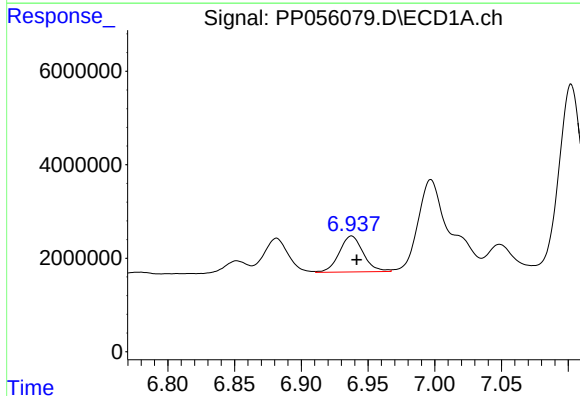
R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 19382530
Conc: 167.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



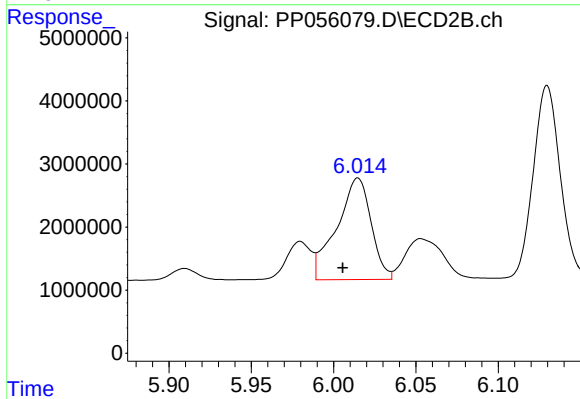
#27 AR-1254-2

R.T.: 5.595 min
Delta R.T.: -0.006 min
Response: 13298798
Conc: 211.37 ng/ml



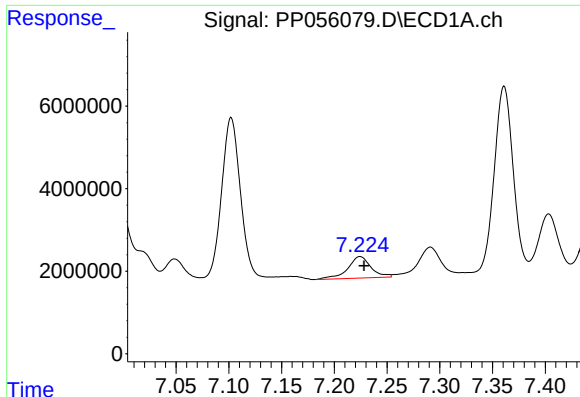
#28 AR-1254-3

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 9666458
Conc: 78.55 ng/ml



#28 AR-1254-3

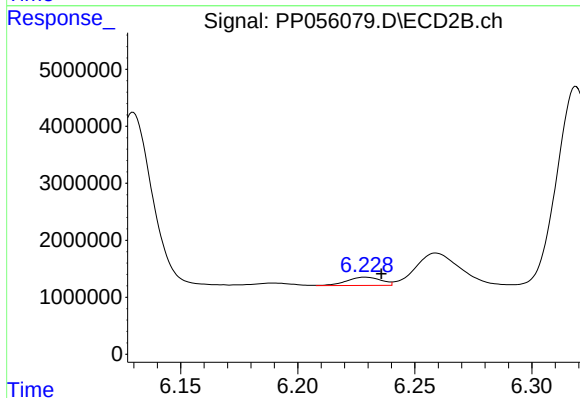
R.T.: 6.015 min
Delta R.T.: 0.009 min
Response: 23409332
Conc: 238.68 ng/ml



#29 AR-1254-4

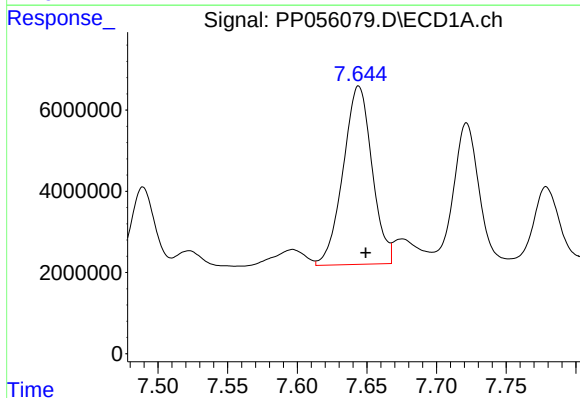
R.T.: 7.224 min
Delta R.T.: -0.004 min
Response: 7977015
Conc: 86.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



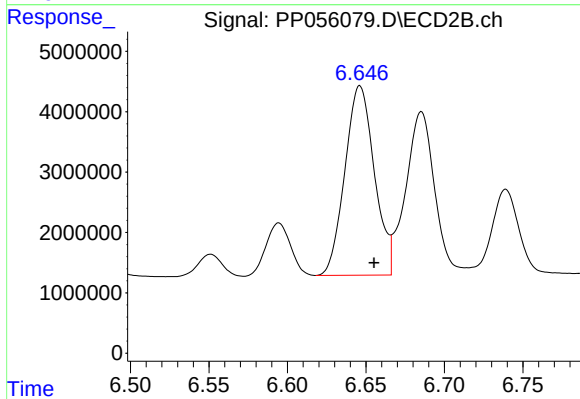
#29 AR-1254-4

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 1464987
Conc: 26.61 ng/ml



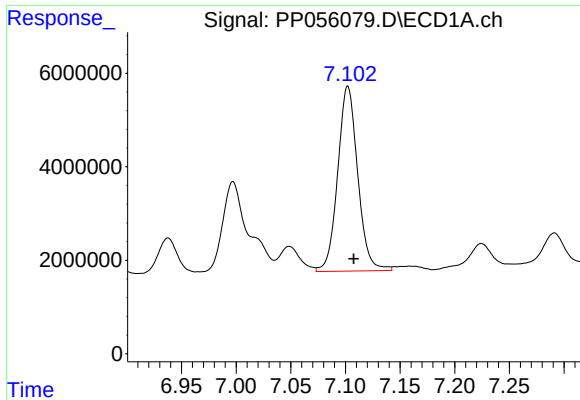
#30 AR-1254-5

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 63455778
Conc: 603.75 ng/ml



#30 AR-1254-5

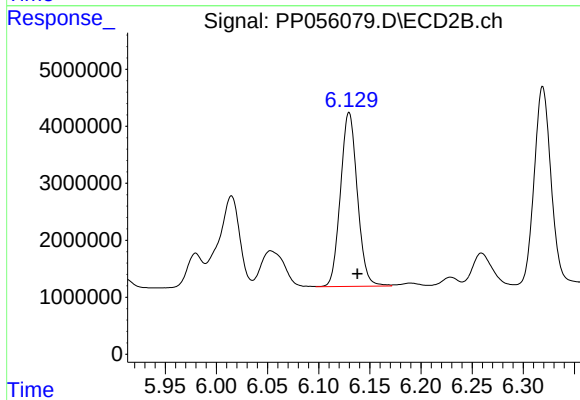
R.T.: 6.646 min
Delta R.T.: -0.009 min
Response: 40995888
Conc: 504.57 ng/ml



#31 AR-1260-1

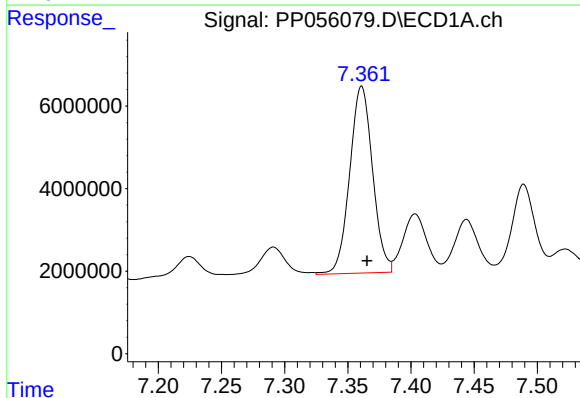
R.T.: 7.102 min
Delta R.T.: -0.006 min
Response: 50476526
Conc: 487.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



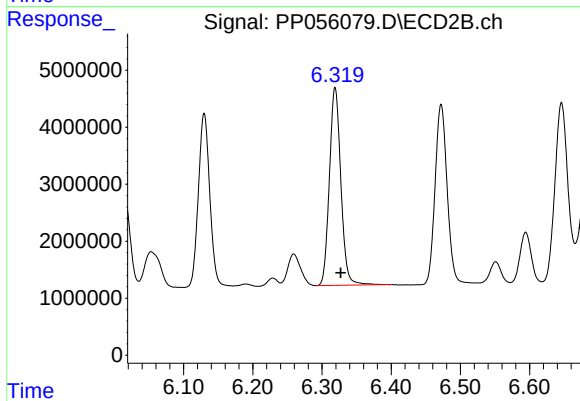
#31 AR-1260-1

R.T.: 6.130 min
Delta R.T.: -0.008 min
Response: 35158623
Conc: 482.28 ng/ml



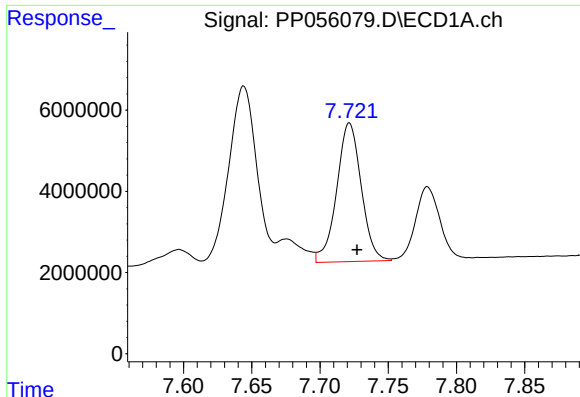
#32 AR-1260-2

R.T.: 7.361 min
Delta R.T.: -0.004 min
Response: 57089923
Conc: 453.92 ng/ml



#32 AR-1260-2

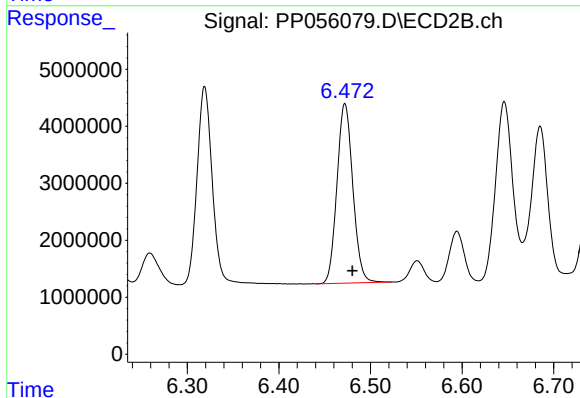
R.T.: 6.319 min
Delta R.T.: -0.008 min
Response: 40027035
Conc: 490.54 ng/ml



#33 AR-1260-3

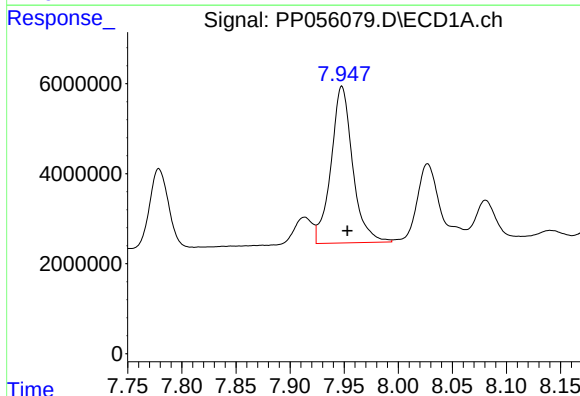
R.T.: 7.722 min
Delta R.T.: -0.005 min
Response: 42729512
Conc: 486.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



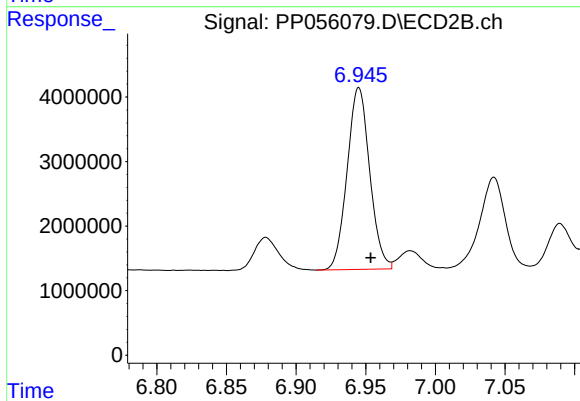
#33 AR-1260-3

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 37960216
Conc: 449.20 ng/ml



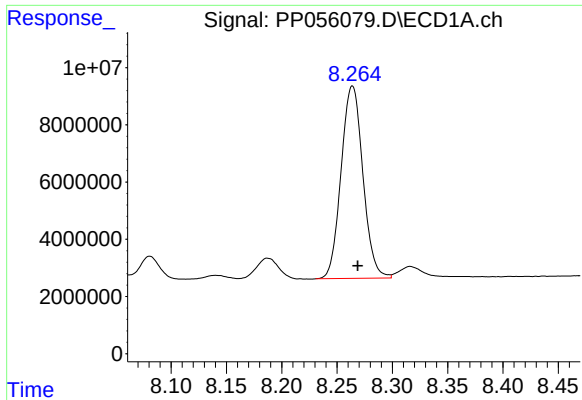
#34 AR-1260-4

R.T.: 7.948 min
Delta R.T.: -0.005 min
Response: 48518049
Conc: 451.44 ng/ml



#34 AR-1260-4

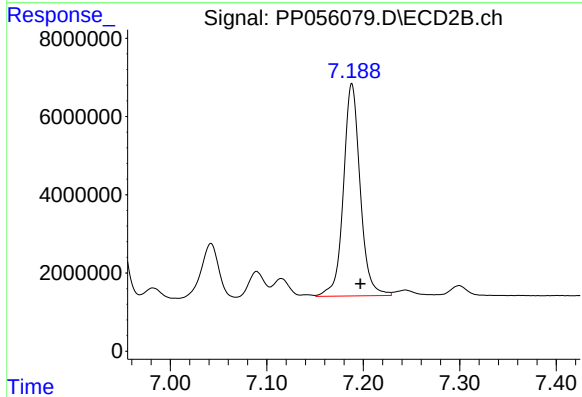
R.T.: 6.945 min
Delta R.T.: -0.009 min
Response: 31771854
Conc: 496.43 ng/ml



#35 AR-1260-5

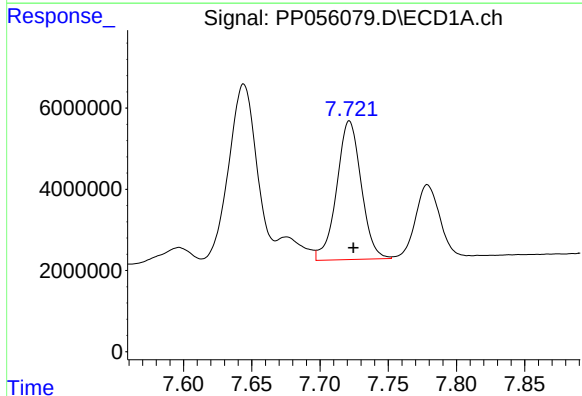
R.T.: 8.264 min
Delta R.T.: -0.005 min
Response: 92273883
Conc: 446.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



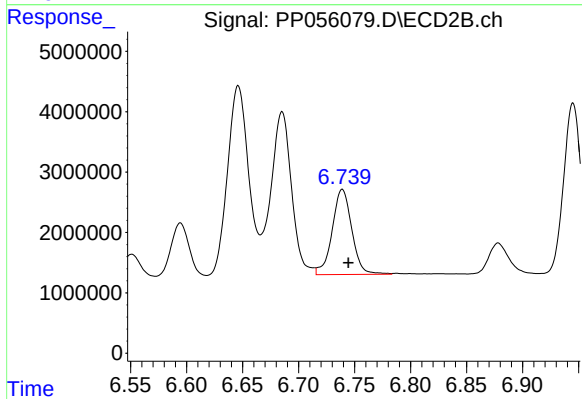
#35 AR-1260-5

R.T.: 7.188 min
Delta R.T.: -0.009 min
Response: 65702893
Conc: 485.40 ng/ml



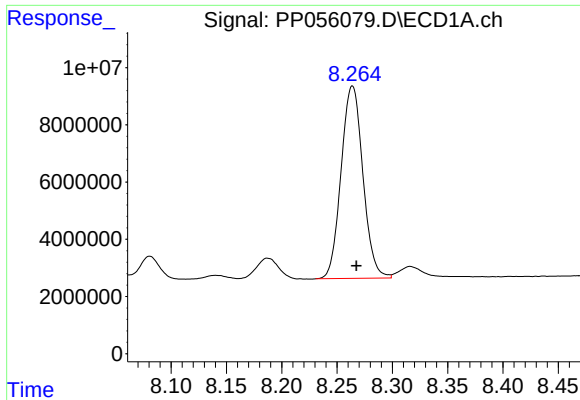
#36 AR-1262-1

R.T.: 7.722 min
Delta R.T.: -0.003 min
Response: 42729512
Conc: 362.17 ng/ml



#36 AR-1262-1

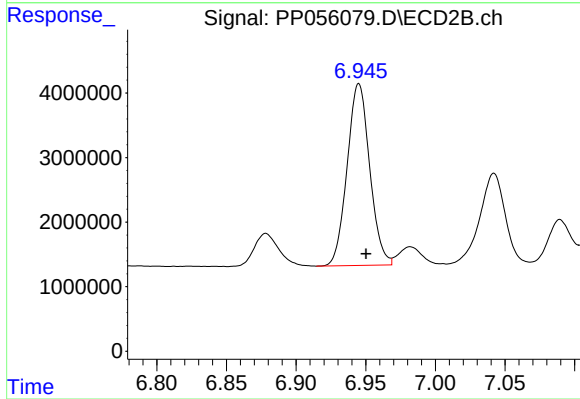
R.T.: 6.739 min
Delta R.T.: -0.005 min
Response: 17224699
Conc: 488.67 ng/ml



#37 AR-1262-2

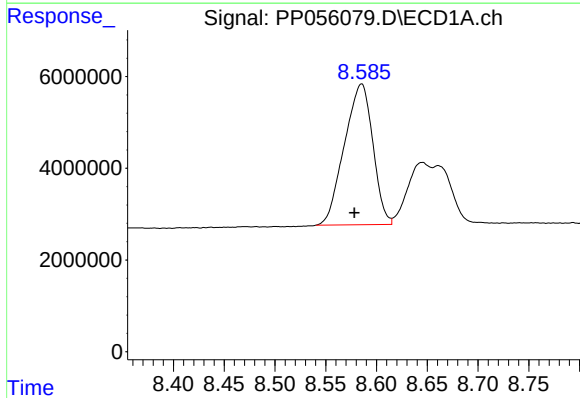
R.T.: 8.264 min
Delta R.T.: -0.004 min
Response: 92273883
Conc: 420.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



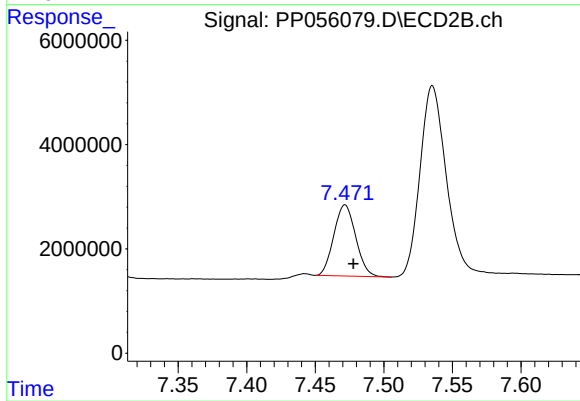
#37 AR-1262-2

R.T.: 6.945 min
Delta R.T.: -0.005 min
Response: 31771854
Conc: 427.89 ng/ml



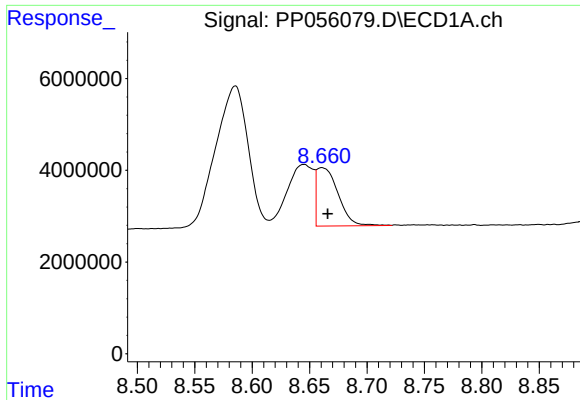
#38 AR-1262-3

R.T.: 8.585 min
Delta R.T.: 0.007 min
Response: 59838952
Conc: 391.41 ng/ml



#38 AR-1262-3

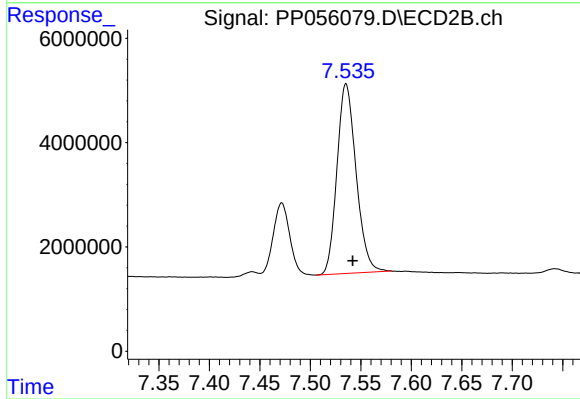
R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 15162986
Conc: 273.28 ng/ml



#39 AR-1262-4

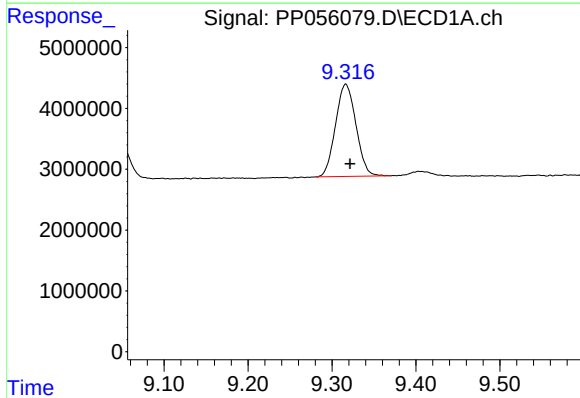
R.T.: 8.661 min
Delta R.T.: -0.005 min
Response: 16432519
Conc: 218.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



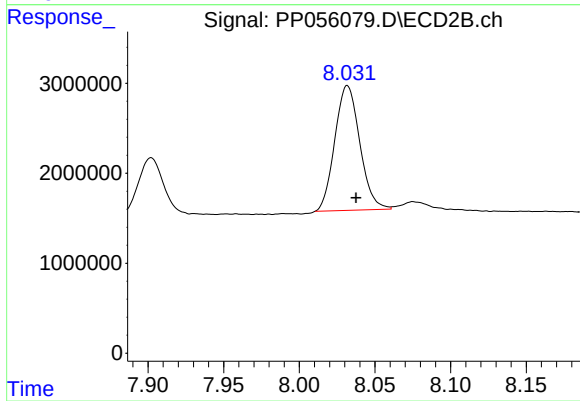
#39 AR-1262-4

R.T.: 7.535 min
Delta R.T.: -0.007 min
Response: 47914514
Conc: 471.99 ng/ml



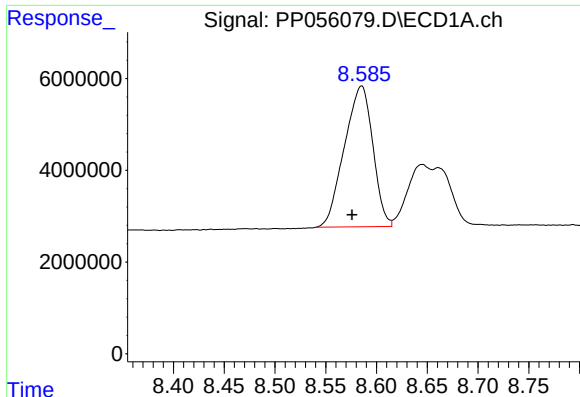
#40 AR-1262-5

R.T.: 9.316 min
Delta R.T.: -0.005 min
Response: 25681156
Conc: 311.49 ng/ml



#40 AR-1262-5

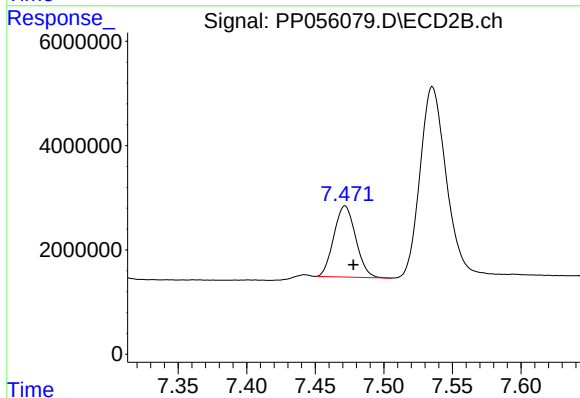
R.T.: 8.032 min
Delta R.T.: -0.006 min
Response: 15956966
Conc: 350.88 ng/ml



#41 AR-1268-1

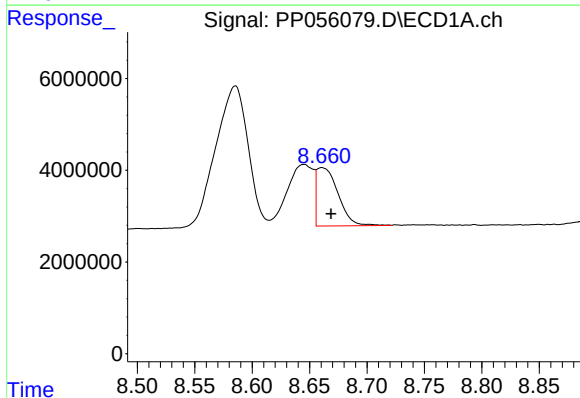
R.T.: 8.585 min
Delta R.T.: 0.010 min
Response: 59838952
Conc: 209.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



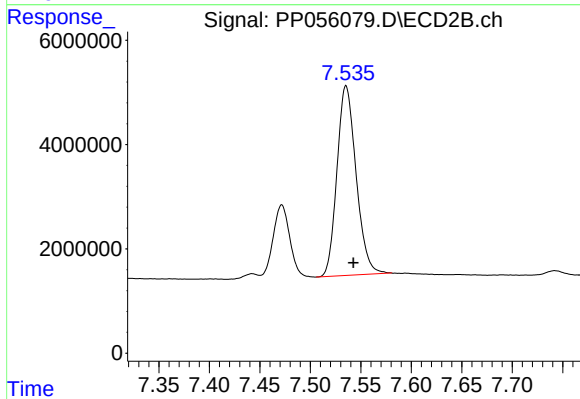
#41 AR-1268-1

R.T.: 7.472 min
Delta R.T.: -0.006 min
Response: 15162986
Conc: 90.18 ng/ml



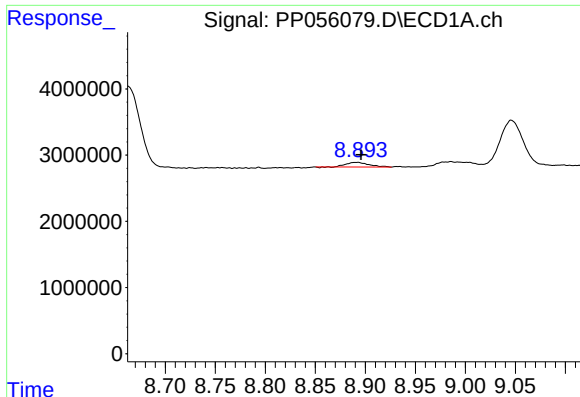
#42 AR-1268-2

R.T.: 8.661 min
Delta R.T.: -0.008 min
Response: 16432519
Conc: 61.63 ng/ml



#42 AR-1268-2

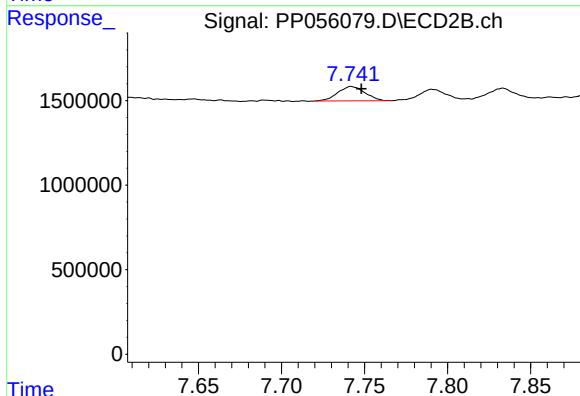
R.T.: 7.535 min
Delta R.T.: -0.007 min
Response: 47914514
Conc: 313.25 ng/ml



#43 AR-1268-3

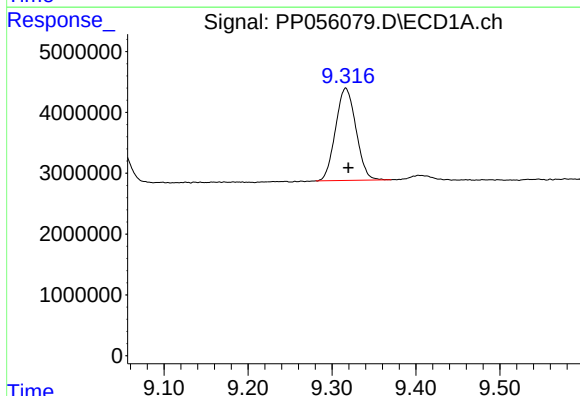
R.T.: 8.892 min
Delta R.T.: -0.004 min
Response: 1114194
Conc: 4.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



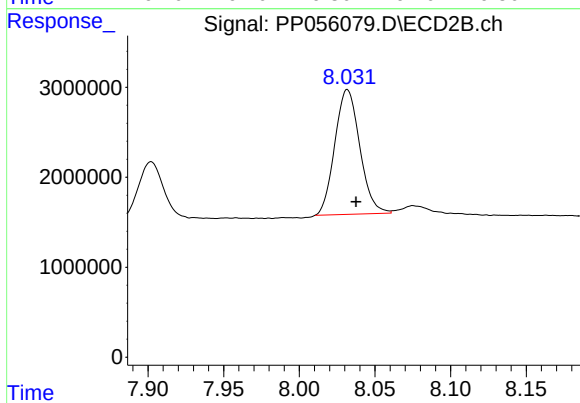
#43 AR-1268-3

R.T.: 7.742 min
Delta R.T.: -0.006 min
Response: 970451
Conc: 7.07 ng/ml



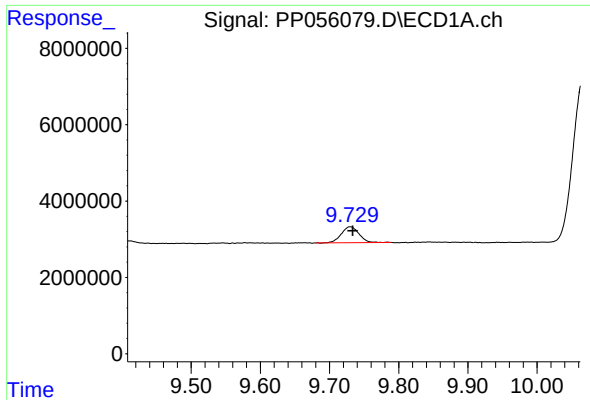
#44 AR-1268-4

R.T.: 9.316 min
Delta R.T.: -0.003 min
Response: 25681156
Conc: 260.12 ng/ml



#44 AR-1268-4

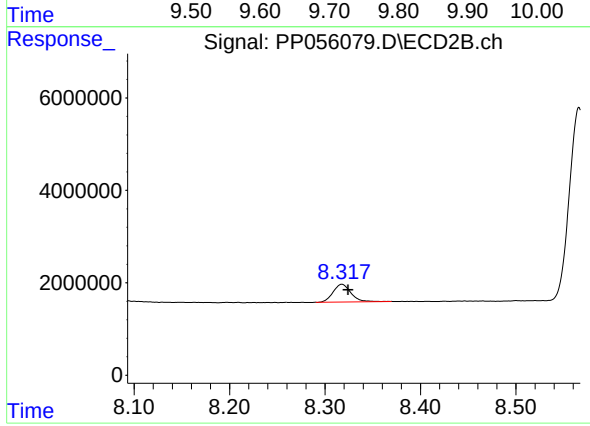
R.T.: 8.032 min
Delta R.T.: -0.006 min
Response: 15956966
Conc: 290.04 ng/ml



#45 AR-1268-5

R.T.: 9.730 min
Delta R.T.: -0.004 min
Response: 7499164
Conc: 9.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.318 min
Delta R.T.: -0.006 min
Response: 4970677
Conc: 12.32 ng/ml