

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP013023\
 Data File : PP055074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2023 17:37
 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: Jan 30 17:52:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.330	3.576	87573875	75543432	50.367	50.322
2)	SA Decachlor...	10.084	8.589	90475732	68754330	52.248	50.908
Target Compounds							
3)	L1 AR-1016-1	5.500	4.660	32827195	24849872	488.426	502.079
4)	L1 AR-1016-2	5.523	4.678	47599510	35192801	496.712	508.426
5)	L1 AR-1016-3	5.585	4.855	29750847	18902154	497.370	508.169
6)	L1 AR-1016-4	5.684	4.897	23692777	15906645	494.443	506.222
7)	L1 AR-1016-5	5.980	5.111	24765491	19939478	488.721	487.703
8)	L2 AR-1221-1	4.534	3.788	3176013	2816748	135.063	142.067
9)	L2 AR-1221-2	4.626	3.874	4834780	3933984	272.121	265.409
10)	L2 AR-1221-3	4.702	3.950	18319405	15083866	340.448	334.347
11)	L3 AR-1232-1	4.702	3.950	18319405	15083866	412.759	409.227
12)	L3 AR-1232-2	5.232	4.678	24245315	35192801	1072.100	1101.754
13)	L3 AR-1232-3	5.523	4.855	47599510	18902154	1083.845	1133.836
14)	L3 AR-1232-4	5.684	4.939	23692777	19463249	1070.414	1206.939
15)	L3 AR-1232-5	5.776	5.111	20095949	19939478	1147.878	1128.982
16)	L4 AR-1242-1	5.500	4.660	32827195	24849872	586.317	606.653
17)	L4 AR-1242-2	5.523	4.678	47599510	35192801	596.262	616.325
18)	L4 AR-1242-3	5.585	4.855	29750847	18902154	599.073	612.362
19)	L4 AR-1242-4	5.684	4.939	23692777	19463249	591.185	599.107
20)	L4 AR-1242-5	6.425	5.463	7388573	19639682	166.172	525.523 #
21)	L5 AR-1248-1	5.500	4.660	32827195	24849872	787.152	801.528
22)	L5 AR-1248-2	5.776	4.897	20095949	15906645	316.102	347.857
23)	L5 AR-1248-3	5.980	4.939	24765491	19463249	358.099	408.264
24)	L5 AR-1248-4	6.385	5.111	8721360	19939478	115.006	361.045 #
25)	L5 AR-1248-5	6.425	5.504	7388573	4437653	100.126	90.250
26)	L6 AR-1254-1	6.359	5.463	22339827	19639682	283.168	243.191
27)	L6 AR-1254-2	6.579	5.611	20243276	14205551	167.268	198.505
28)	L6 AR-1254-3	6.947	6.031	9188222	26778964	75.012	240.369 #
29)	L6 AR-1254-4	7.233	6.246	6197360	1814887	70.335	29.507 #
30)	L6 AR-1254-5	7.653	6.664	64217974	48021704	634.811	506.537
31)	L7 AR-1260-1	7.111	6.147	49021118	39881232	514.245	514.301
32)	L7 AR-1260-2	7.370	6.336	57403966	45799886	510.048	509.465
33)	L7 AR-1260-3	7.731	6.490	43448663	43542304	539.608	512.801
34)	L7 AR-1260-4	7.957	6.963	49714486	36506364	512.115	509.846
35)	L7 AR-1260-5	8.274	7.206	91122659	77722259	512.355	505.556
36)	L8 AR-1262-1	7.731	6.756	43448663	19808395	368.264	461.074 #
37)	L8 AR-1262-2	8.274	6.963	91122659	36506364	452.416	394.139
38)	L8 AR-1262-3	8.596	7.490	60089267	18951254	432.076	260.105 #
39)	L8 AR-1262-4	8.673	7.554	15464138	58259916	201.143	445.482 #
40)	L8 AR-1262-5	9.330	8.050	24973383	17986877	349.182	303.178
41)	L9 AR-1268-1	8.596	7.490	60089267	18951254	245.857	87.646 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP013023\
 Data File : PP055074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2023 17:37
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

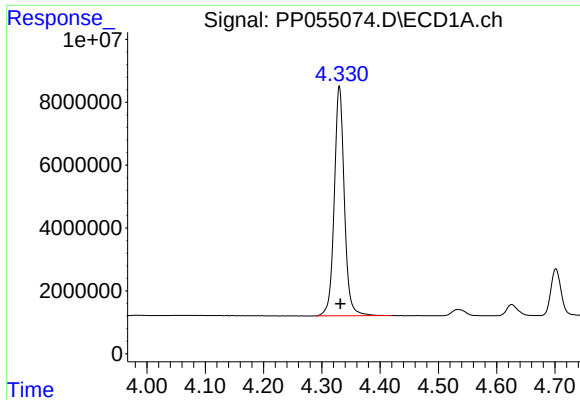
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 17:52:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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
42) L9	AR-1268-2	8.673	7.554	15464138	58259916	68.087	298.564 #
43) L9	AR-1268-3	8.904	7.761	1423088	1032716	7.123	6.012
44) L9	AR-1268-4	9.330	8.050	24973383	17986877	317.944	282.004
45) L9	AR-1268-5	9.745	8.337	7878536	6325292	12.385	12.011

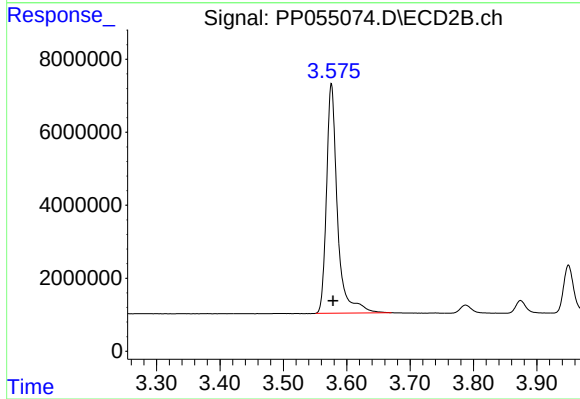
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

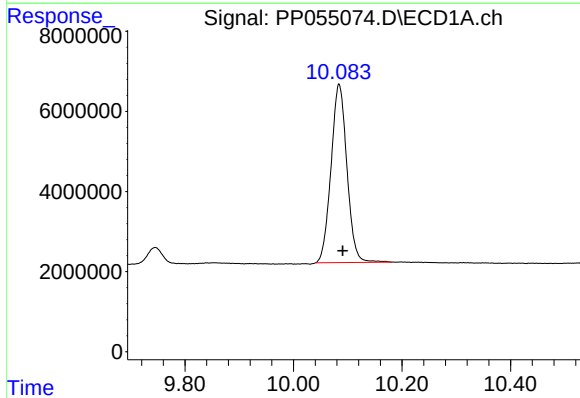
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 87573875
Conc: 50.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



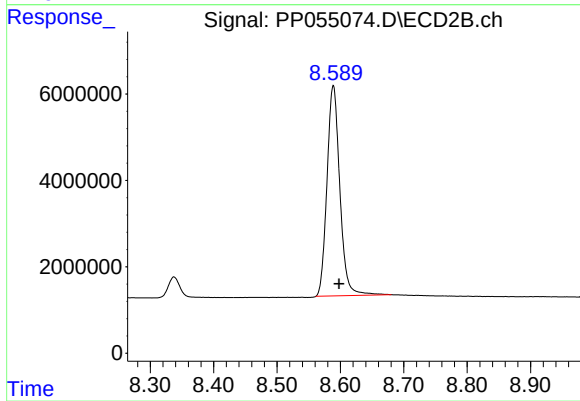
#1 Tetrachloro-m-xylene

R.T.: 3.576 min
Delta R.T.: -0.002 min
Response: 75543432
Conc: 50.32 ng/ml



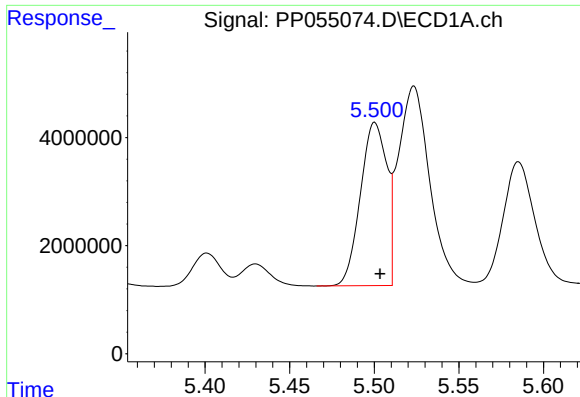
#2 Decachlorobiphenyl

R.T.: 10.084 min
Delta R.T.: -0.007 min
Response: 90475732
Conc: 52.25 ng/ml



#2 Decachlorobiphenyl

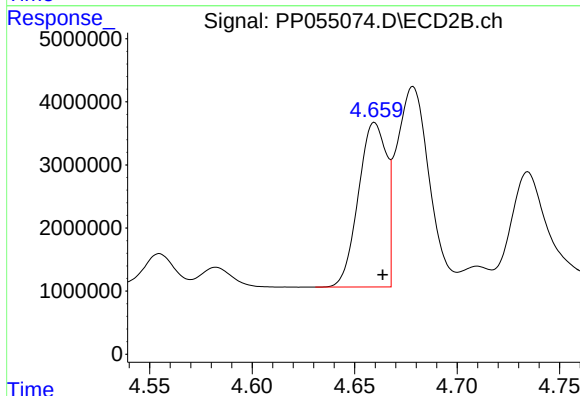
R.T.: 8.589 min
Delta R.T.: -0.009 min
Response: 68754330
Conc: 50.91 ng/ml



#3 AR-1016-1

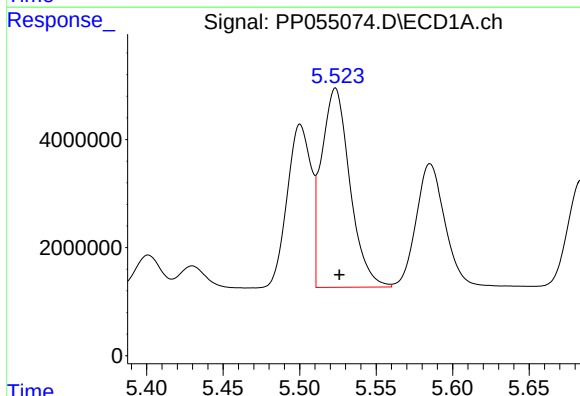
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 32827195
Conc: 488.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



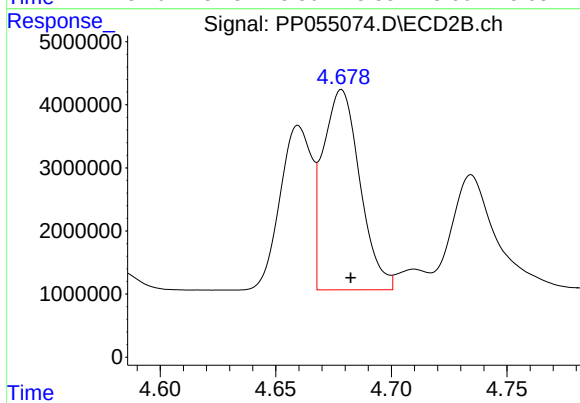
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 24849872
Conc: 502.08 ng/ml



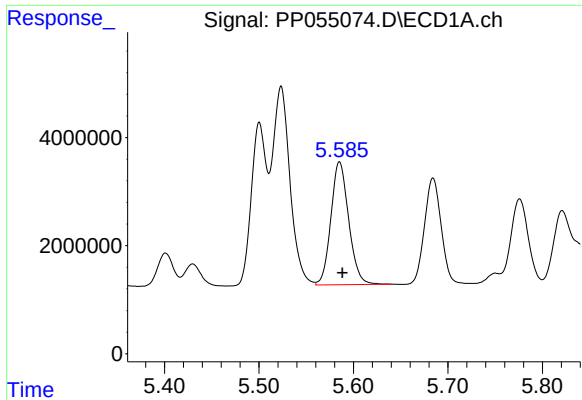
#4 AR-1016-2

R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 47599510
Conc: 496.71 ng/ml



#4 AR-1016-2

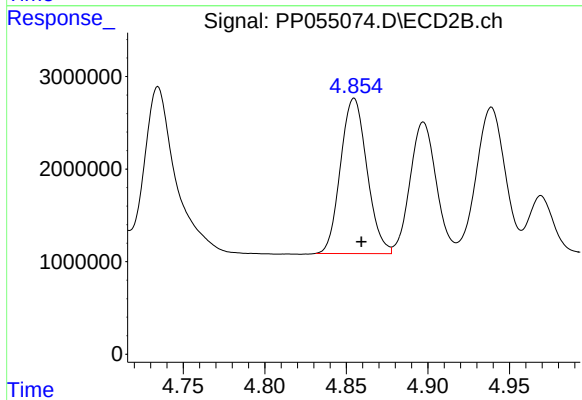
R.T.: 4.678 min
Delta R.T.: -0.004 min
Response: 35192801
Conc: 508.43 ng/ml



#5 AR-1016-3

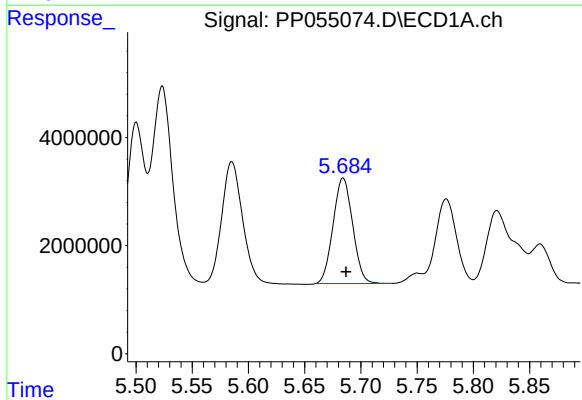
R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 29750847
Conc: 497.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



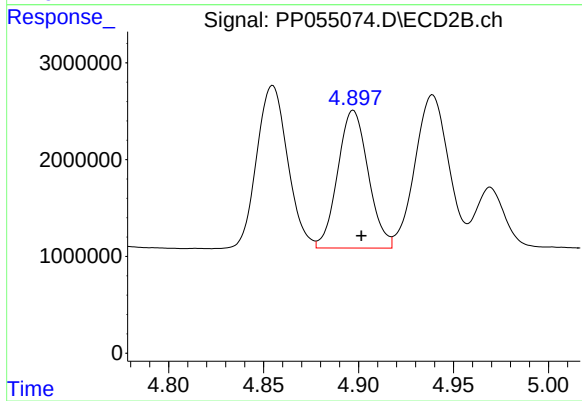
#5 AR-1016-3

R.T.: 4.855 min
Delta R.T.: -0.005 min
Response: 18902154
Conc: 508.17 ng/ml



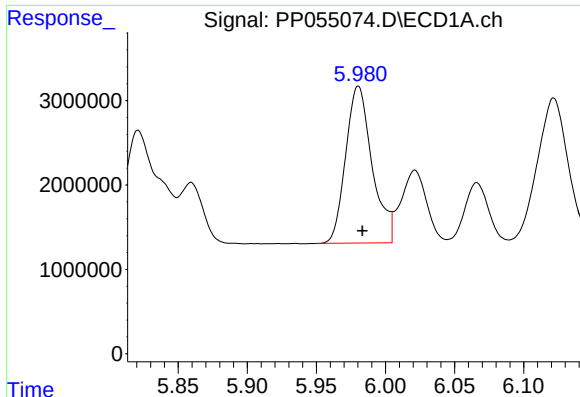
#6 AR-1016-4

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 23692777
Conc: 494.44 ng/ml



#6 AR-1016-4

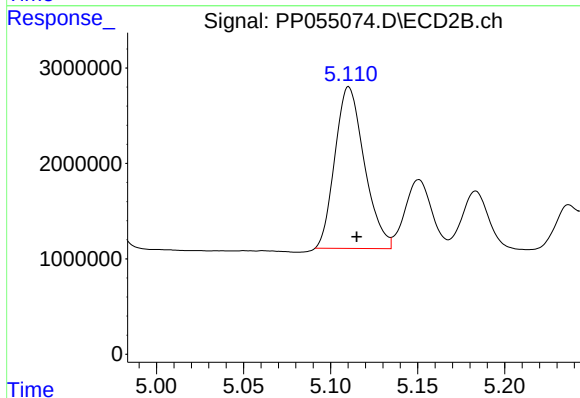
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 15906645
Conc: 506.22 ng/ml



#7 AR-1016-5

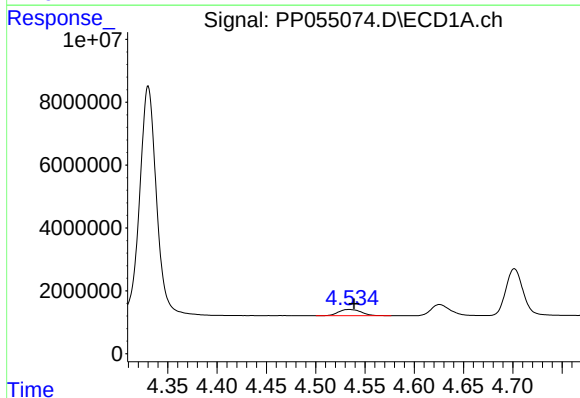
R.T.: 5.980 min
Delta R.T.: -0.003 min
Response: 24765491
Conc: 488.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



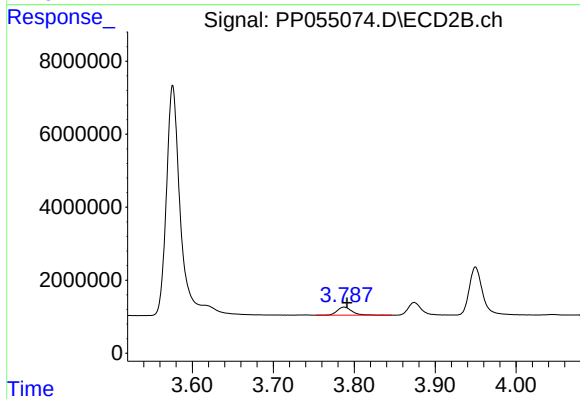
#7 AR-1016-5

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 19939478
Conc: 487.70 ng/ml



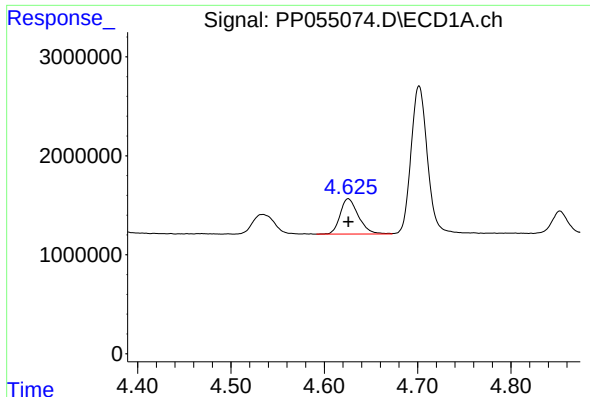
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: -0.005 min
Response: 3176013
Conc: 135.06 ng/ml



#8 AR-1221-1

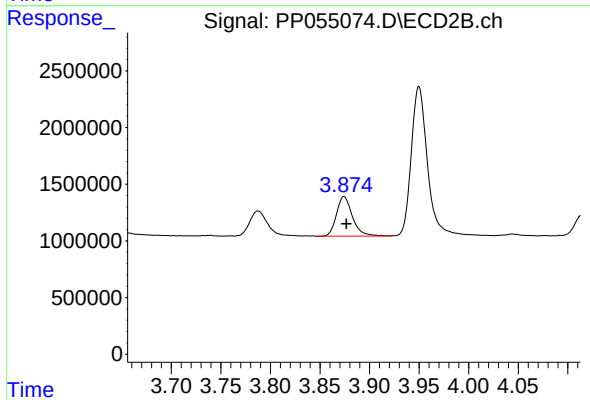
R.T.: 3.788 min
Delta R.T.: -0.004 min
Response: 2816748
Conc: 142.07 ng/ml



#9 AR-1221-2

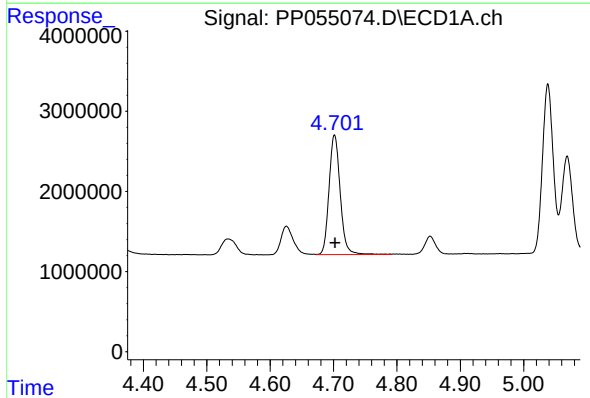
R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 4834780
Conc: 272.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



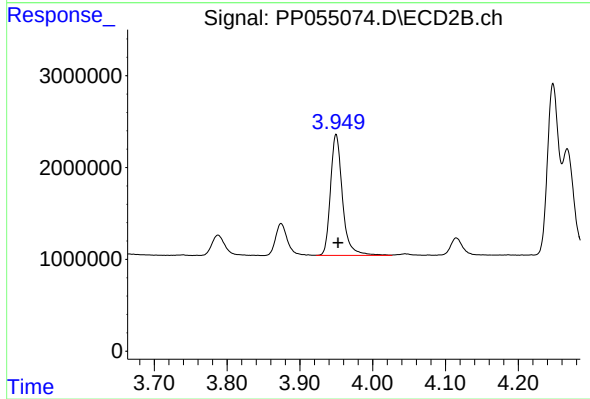
#9 AR-1221-2

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 3933984
Conc: 265.41 ng/ml



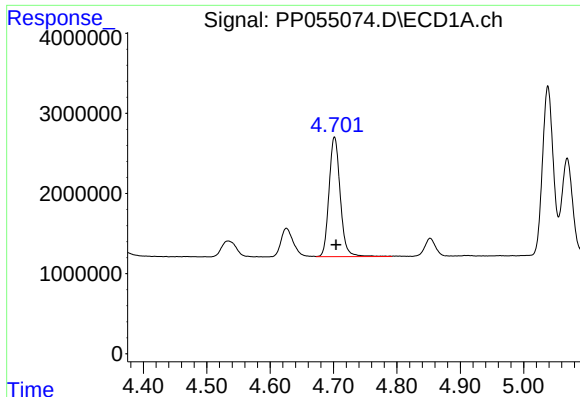
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 18319405
Conc: 340.45 ng/ml



#10 AR-1221-3

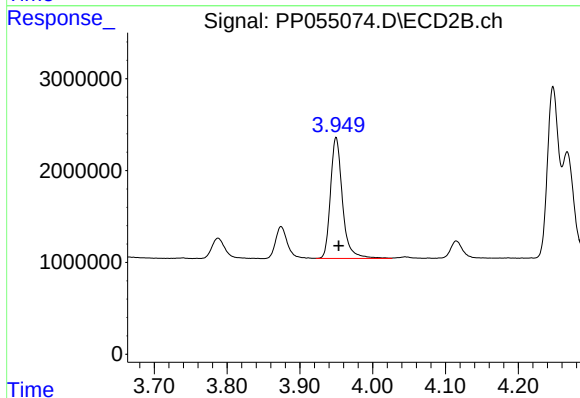
R.T.: 3.950 min
Delta R.T.: -0.003 min
Response: 15083866
Conc: 334.35 ng/ml



#11 AR-1232-1

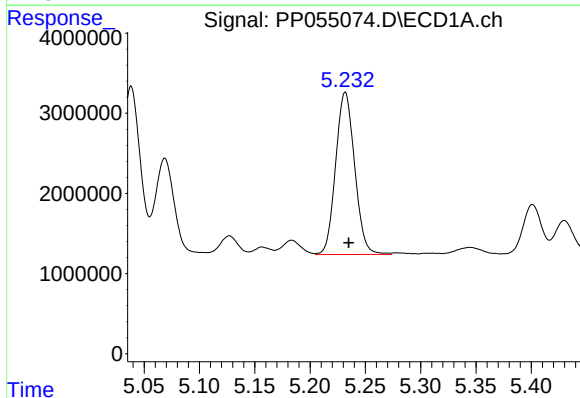
R.T.: 4.702 min
Delta R.T.: -0.002 min
Response: 18319405
Conc: 412.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



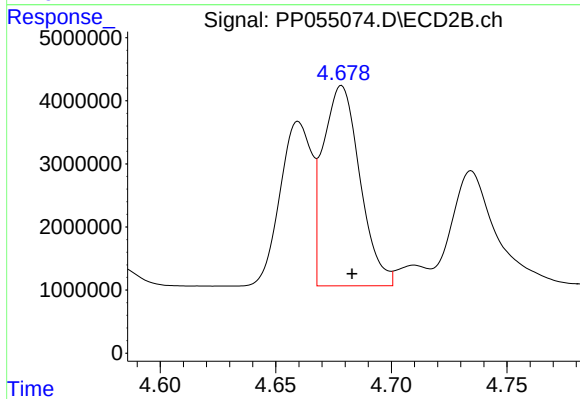
#11 AR-1232-1

R.T.: 3.950 min
Delta R.T.: -0.004 min
Response: 15083866
Conc: 409.23 ng/ml



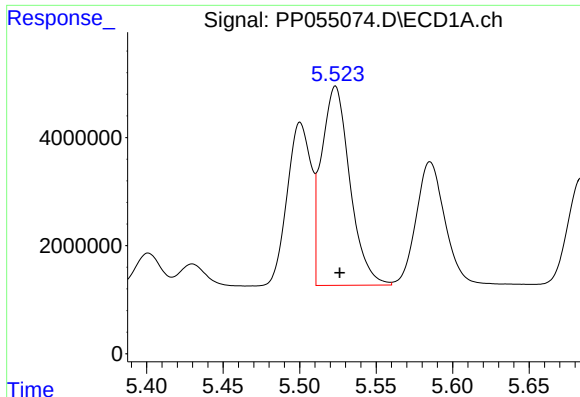
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 24245315
Conc: 1072.10 ng/ml



#12 AR-1232-2

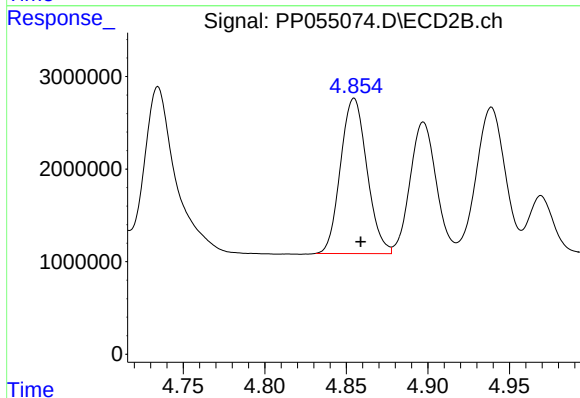
R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 35192801
Conc: 1101.75 ng/ml



#13 AR-1232-3

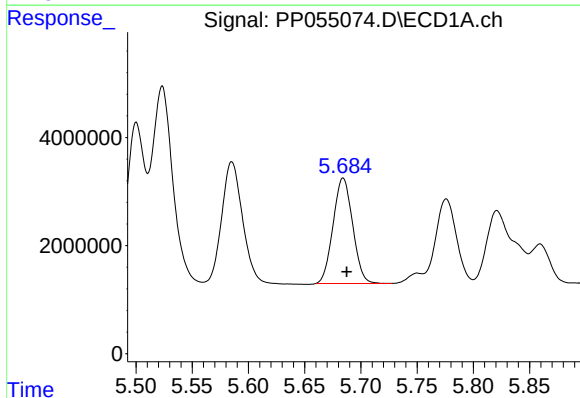
R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 47599510
Conc: 1083.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



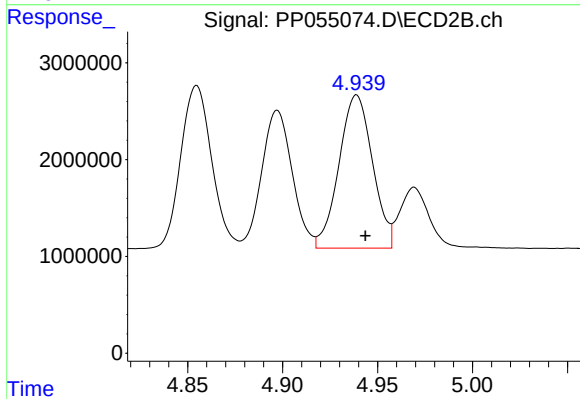
#13 AR-1232-3

R.T.: 4.855 min
Delta R.T.: -0.004 min
Response: 18902154
Conc: 1133.84 ng/ml



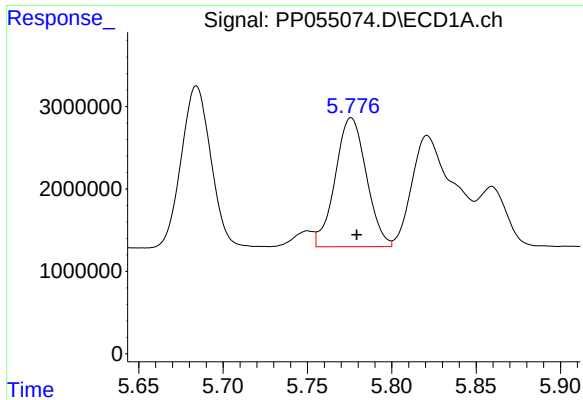
#14 AR-1232-4

R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 23692777
Conc: 1070.41 ng/ml



#14 AR-1232-4

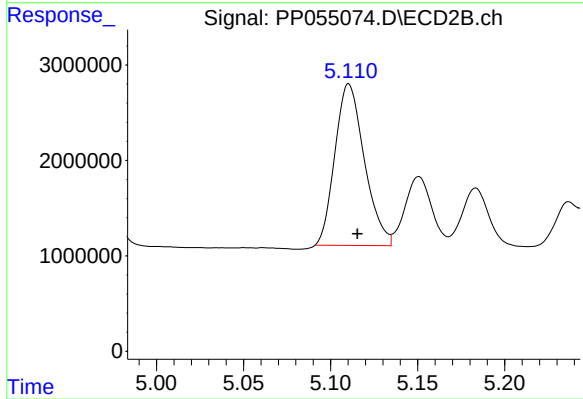
R.T.: 4.939 min
Delta R.T.: -0.005 min
Response: 19463249
Conc: 1206.94 ng/ml



#15 AR-1232-5

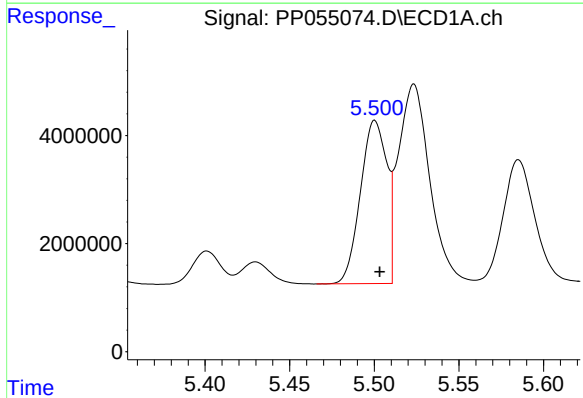
R.T.: 5.776 min
Delta R.T.: -0.003 min
Response: 20095949
Conc: 1147.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



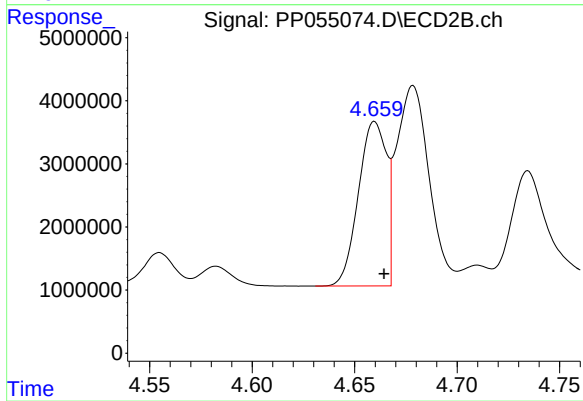
#15 AR-1232-5

R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 19939478
Conc: 1128.98 ng/ml



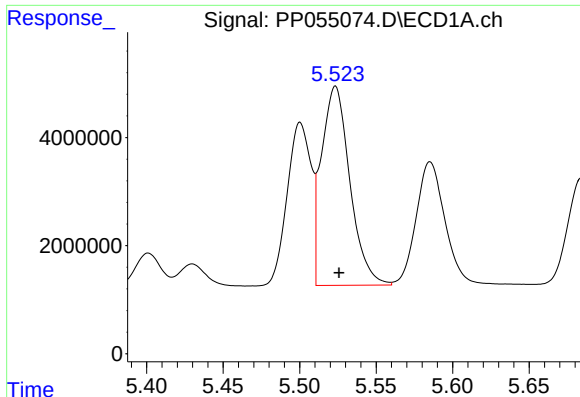
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 32827195
Conc: 586.32 ng/ml



#16 AR-1242-1

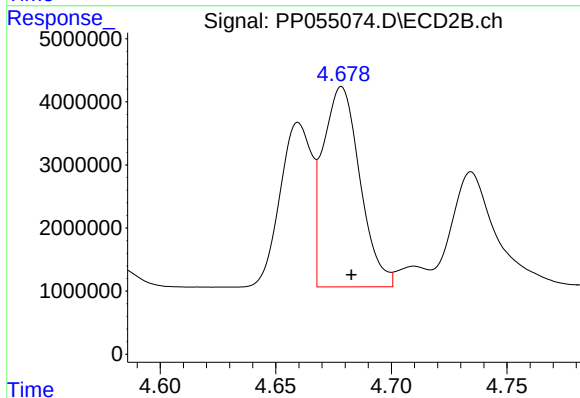
R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 24849872
Conc: 606.65 ng/ml



#17 AR-1242-2

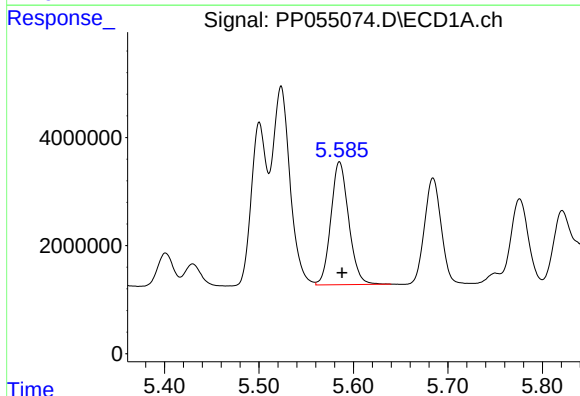
R.T.: 5.523 min
Delta R.T.: -0.002 min
Response: 47599510
Conc: 596.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



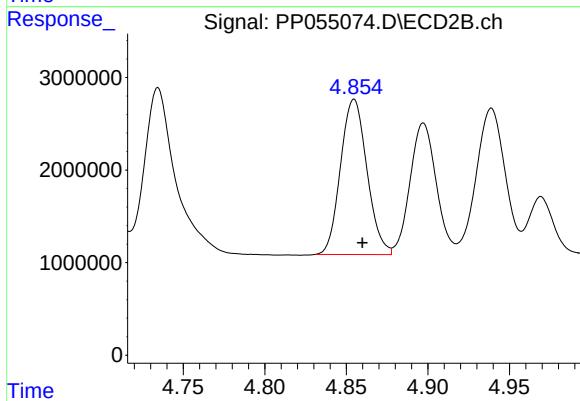
#17 AR-1242-2

R.T.: 4.678 min
Delta R.T.: -0.004 min
Response: 35192801
Conc: 616.33 ng/ml



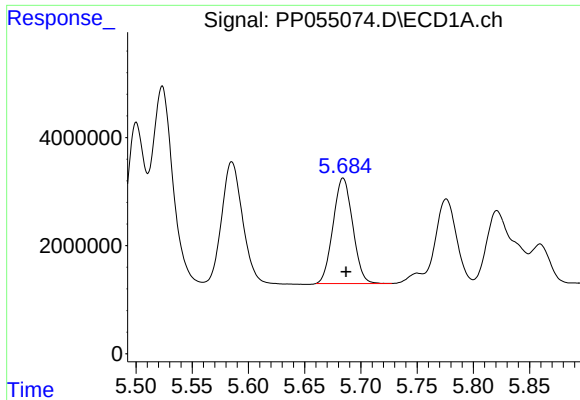
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: -0.003 min
Response: 29750847
Conc: 599.07 ng/ml



#18 AR-1242-3

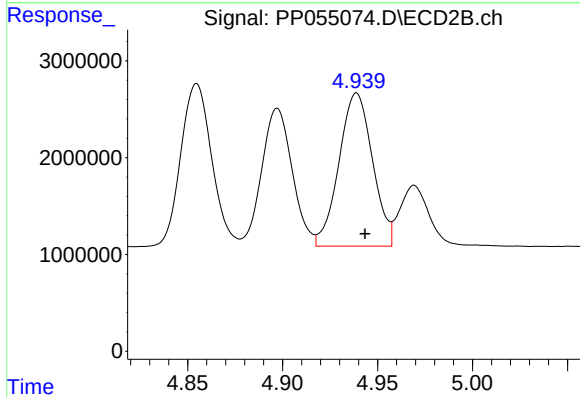
R.T.: 4.855 min
Delta R.T.: -0.005 min
Response: 18902154
Conc: 612.36 ng/ml



#19 AR-1242-4

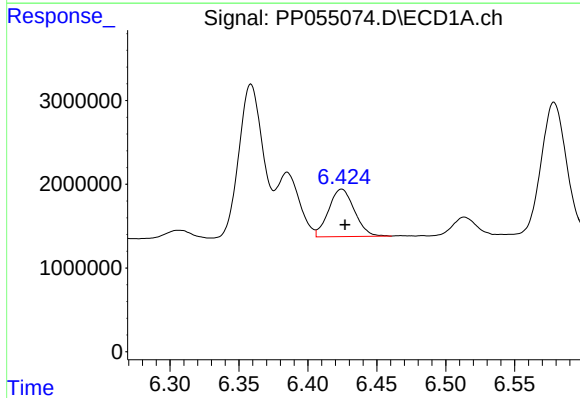
R.T.: 5.684 min
Delta R.T.: -0.003 min
Response: 23692777
Conc: 591.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



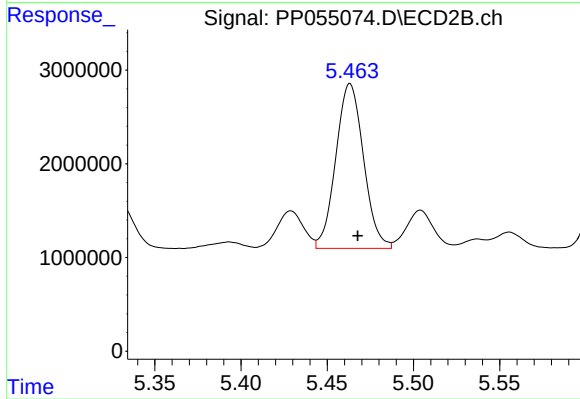
#19 AR-1242-4

R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 19463249
Conc: 599.11 ng/ml



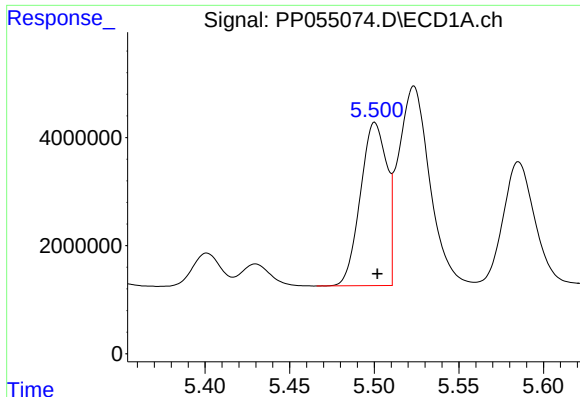
#20 AR-1242-5

R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 7388573
Conc: 166.17 ng/ml



#20 AR-1242-5

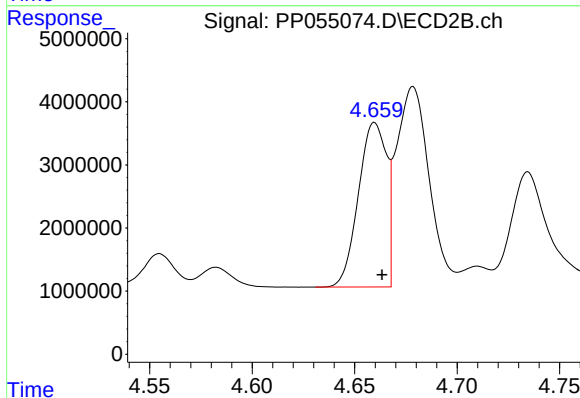
R.T.: 5.463 min
Delta R.T.: -0.005 min
Response: 19639682
Conc: 525.52 ng/ml



#21 AR-1248-1

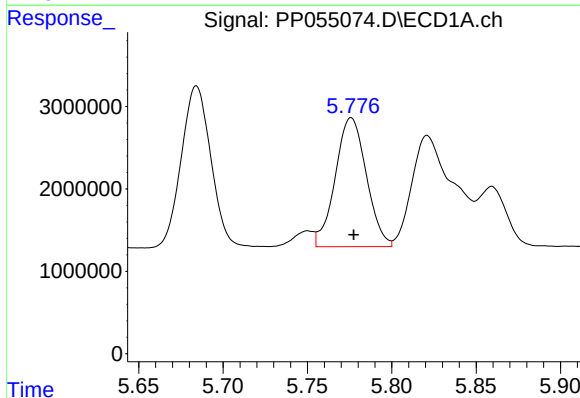
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 32827195
Conc: 787.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



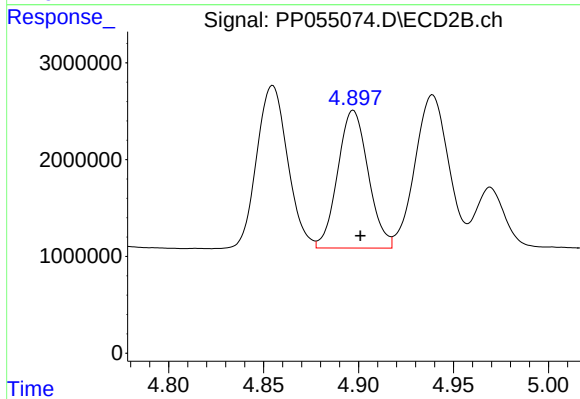
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 24849872
Conc: 801.53 ng/ml



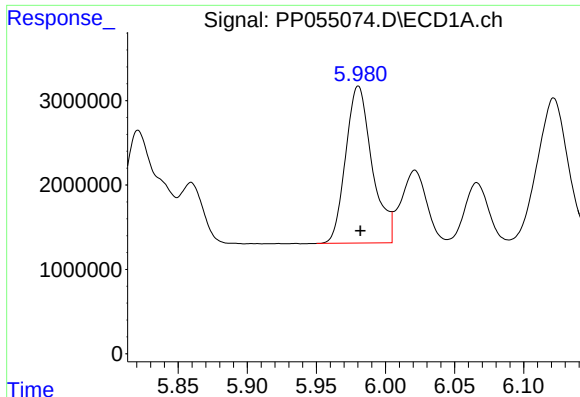
#22 AR-1248-2

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 20095949
Conc: 316.10 ng/ml



#22 AR-1248-2

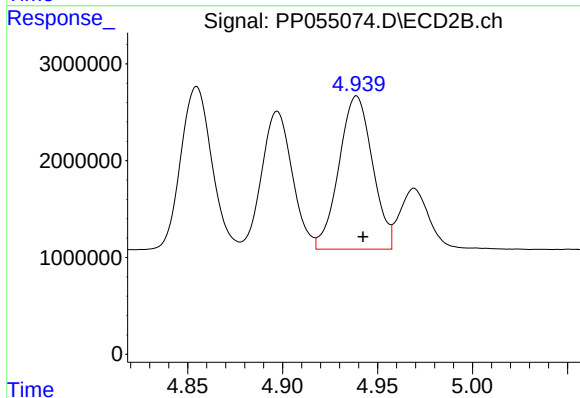
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 15906645
Conc: 347.86 ng/ml



#23 AR-1248-3

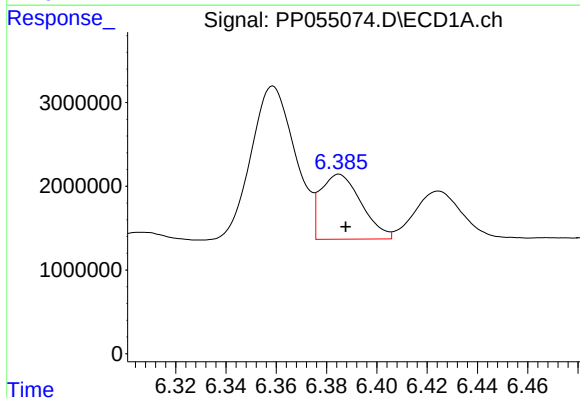
R.T.: 5.980 min
Delta R.T.: -0.001 min
Response: 24765491
Conc: 358.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



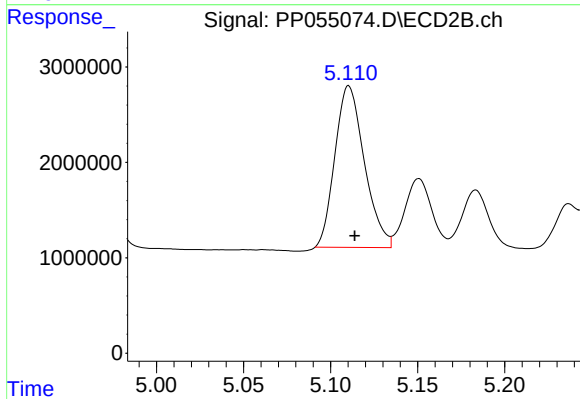
#23 AR-1248-3

R.T.: 4.939 min
Delta R.T.: -0.003 min
Response: 19463249
Conc: 408.26 ng/ml



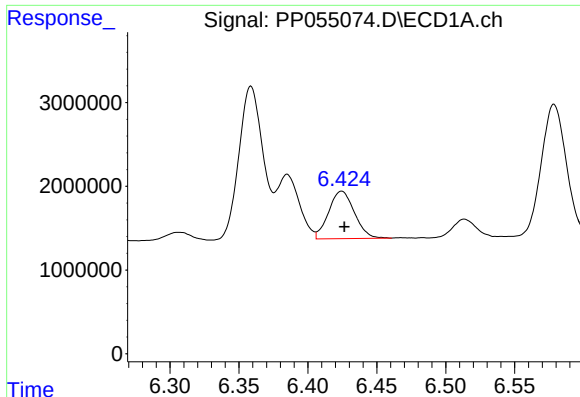
#24 AR-1248-4

R.T.: 6.385 min
Delta R.T.: -0.003 min
Response: 8721360
Conc: 115.01 ng/ml



#24 AR-1248-4

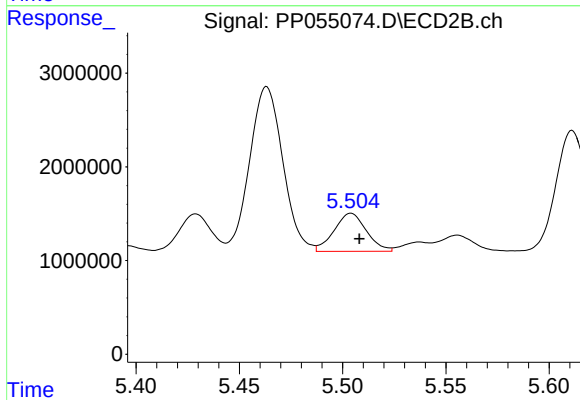
R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 19939478
Conc: 361.04 ng/ml



#25 AR-1248-5

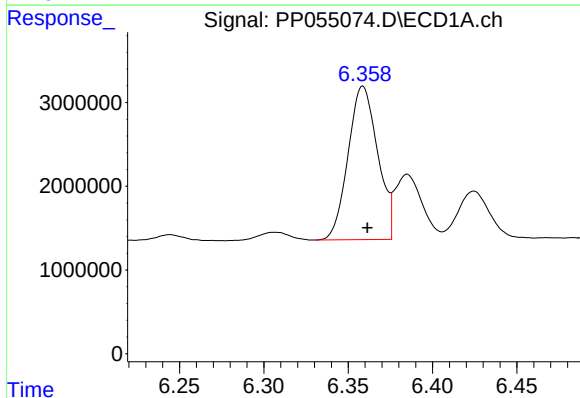
R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 7388573
Conc: 100.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



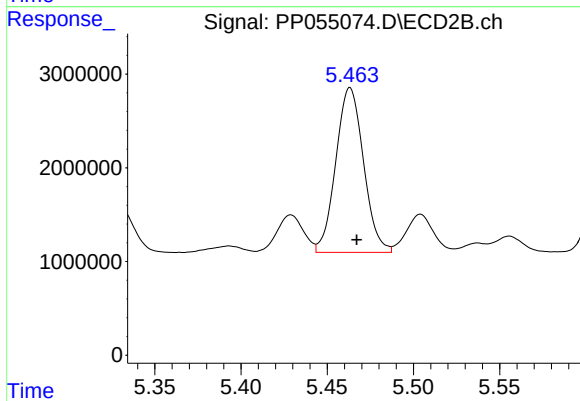
#25 AR-1248-5

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 4437653
Conc: 90.25 ng/ml



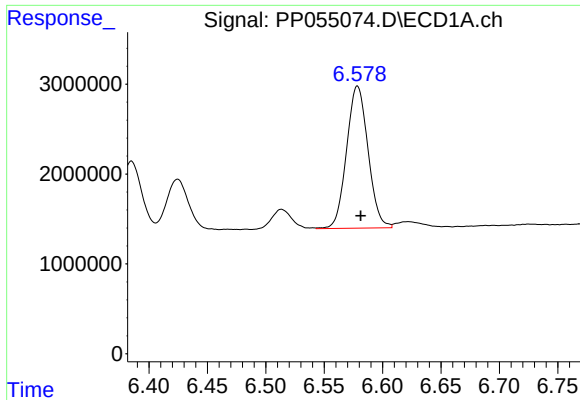
#26 AR-1254-1

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 22339827
Conc: 283.17 ng/ml



#26 AR-1254-1

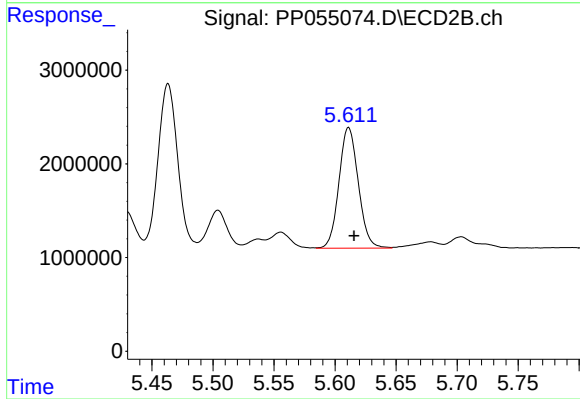
R.T.: 5.463 min
Delta R.T.: -0.004 min
Response: 19639682
Conc: 243.19 ng/ml



#27 AR-1254-2

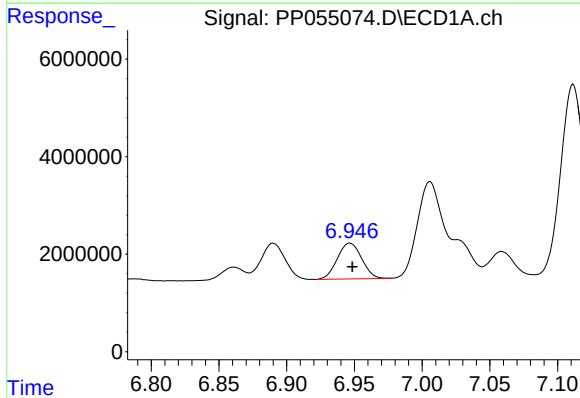
R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 20243276
Conc: 167.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



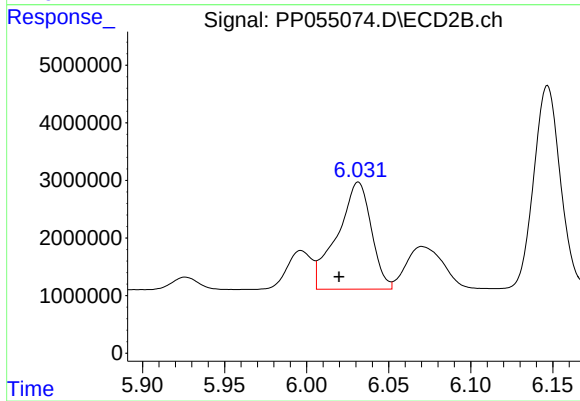
#27 AR-1254-2

R.T.: 5.611 min
Delta R.T.: -0.004 min
Response: 14205551
Conc: 198.51 ng/ml



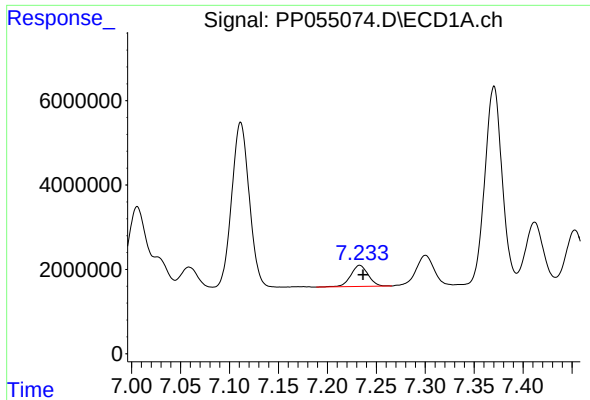
#28 AR-1254-3

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 9188222
Conc: 75.01 ng/ml



#28 AR-1254-3

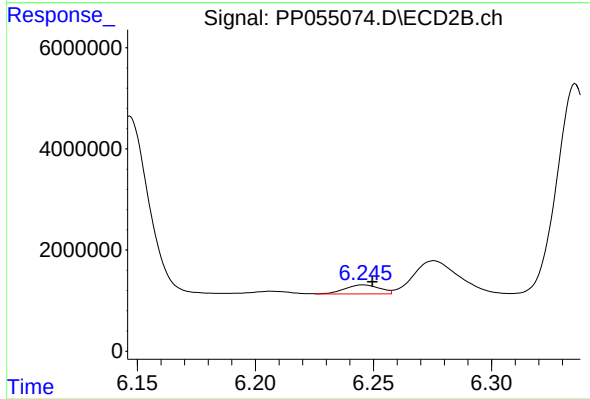
R.T.: 6.031 min
Delta R.T.: 0.012 min
Response: 26778964
Conc: 240.37 ng/ml



#29 AR-1254-4

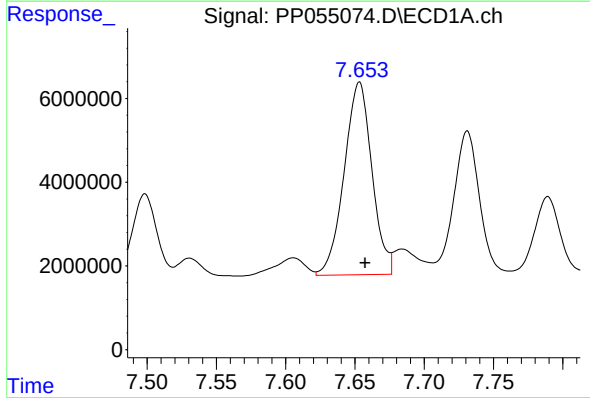
R.T.: 7.233 min
Delta R.T.: -0.003 min
Response: 6197360
Conc: 70.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



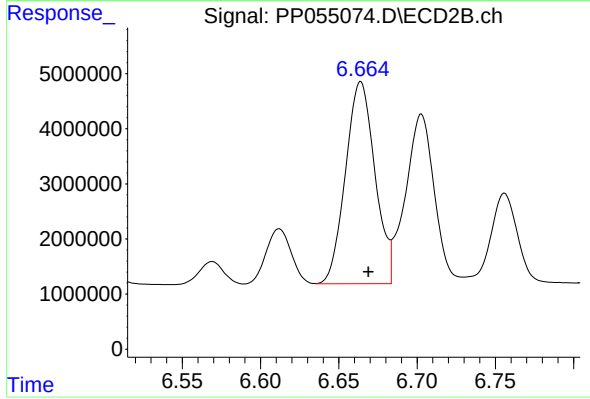
#29 AR-1254-4

R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 1814887
Conc: 29.51 ng/ml



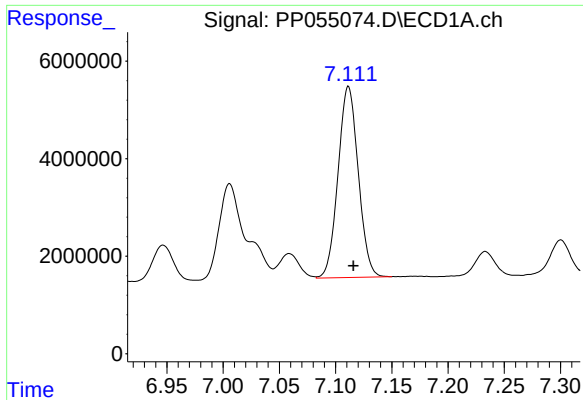
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 64217974
Conc: 634.81 ng/ml



#30 AR-1254-5

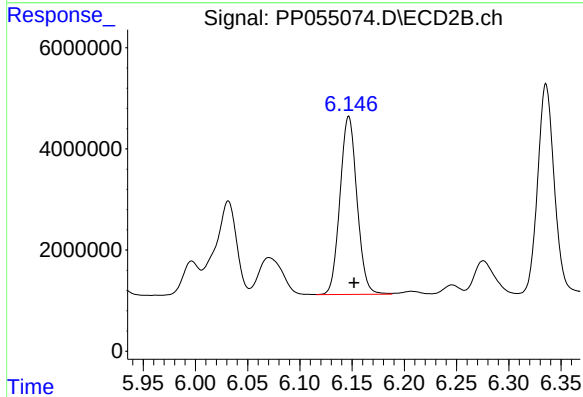
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 48021704
Conc: 506.54 ng/ml



#31 AR-1260-1

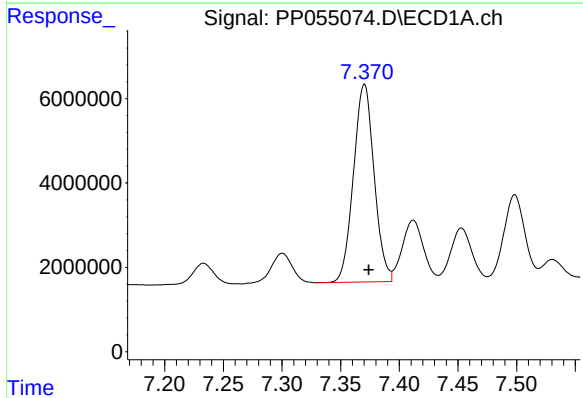
R.T.: 7.111 min
Delta R.T.: -0.004 min
Response: 49021118
Conc: 514.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



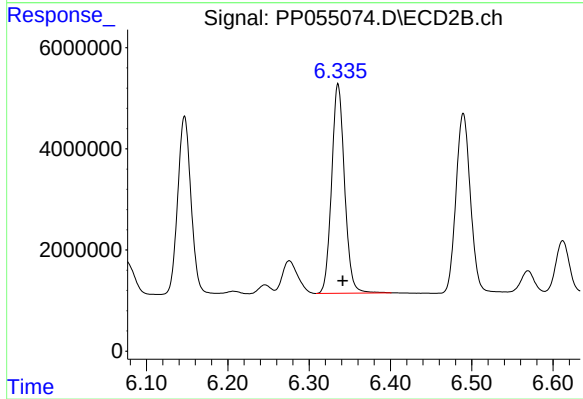
#31 AR-1260-1

R.T.: 6.147 min
Delta R.T.: -0.005 min
Response: 39881232
Conc: 514.30 ng/ml



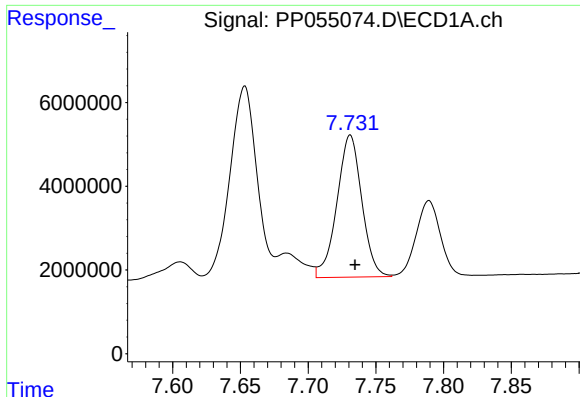
#32 AR-1260-2

R.T.: 7.370 min
Delta R.T.: -0.003 min
Response: 57403966
Conc: 510.05 ng/ml



#32 AR-1260-2

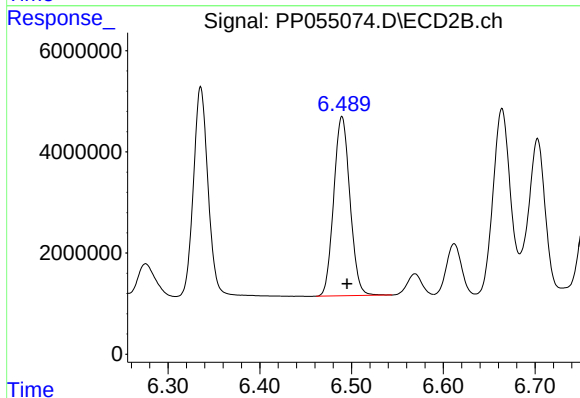
R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 45799886
Conc: 509.46 ng/ml



#33 AR-1260-3

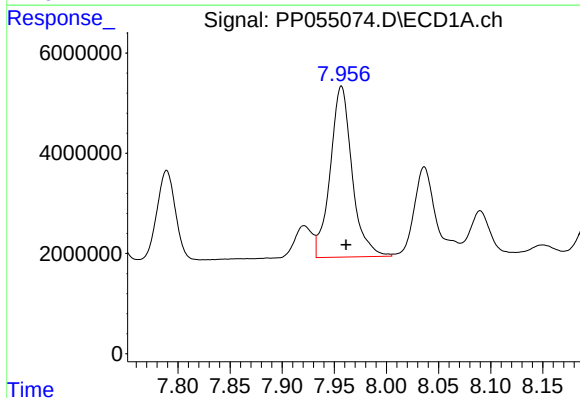
R.T.: 7.731 min
Delta R.T.: -0.004 min
Response: 43448663
Conc: 539.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



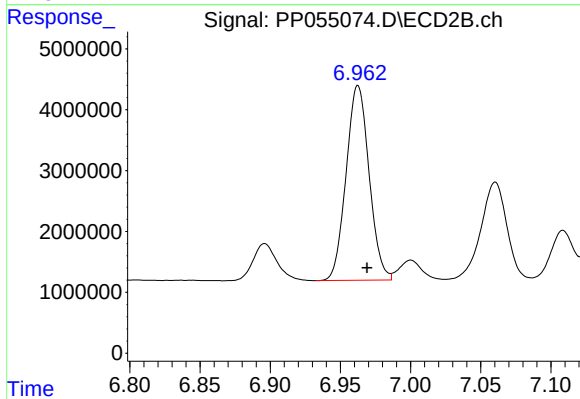
#33 AR-1260-3

R.T.: 6.490 min
Delta R.T.: -0.005 min
Response: 43542304
Conc: 512.80 ng/ml



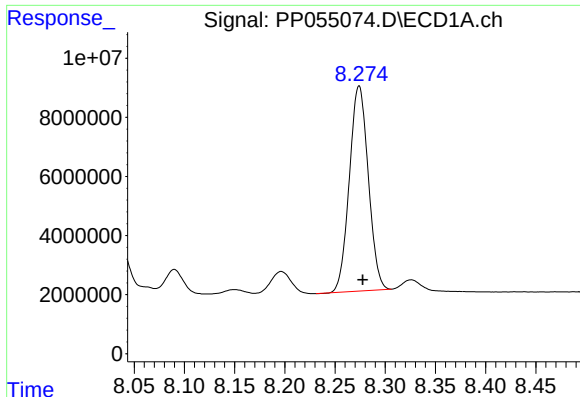
#34 AR-1260-4

R.T.: 7.957 min
Delta R.T.: -0.005 min
Response: 49714486
Conc: 512.11 ng/ml



#34 AR-1260-4

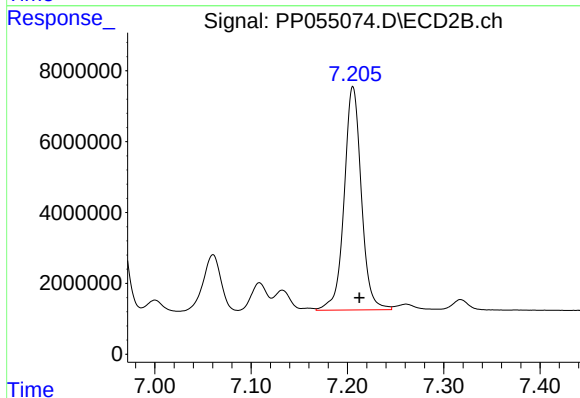
R.T.: 6.963 min
Delta R.T.: -0.007 min
Response: 36506364
Conc: 509.85 ng/ml



#35 AR-1260-5

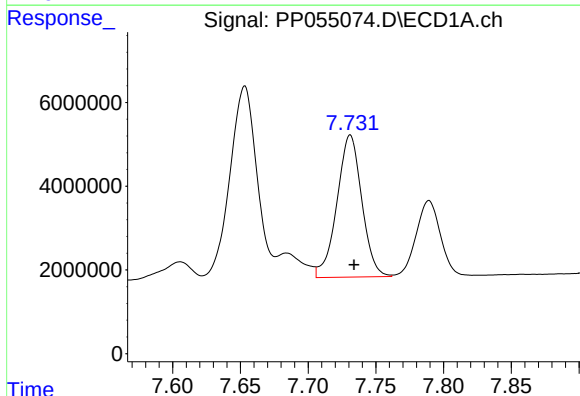
R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 91122659
Conc: 512.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



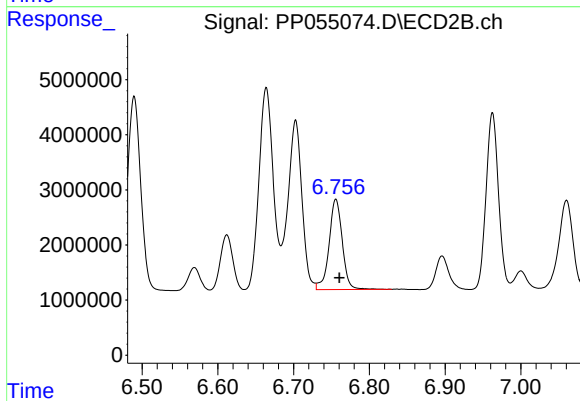
#35 AR-1260-5

R.T.: 7.206 min
Delta R.T.: -0.007 min
Response: 77722259
Conc: 505.56 ng/ml



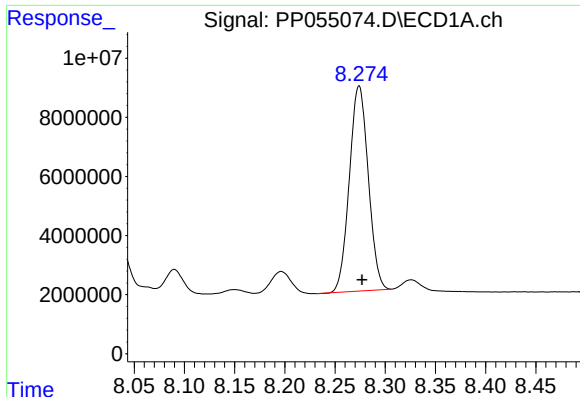
#36 AR-1262-1

R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 43448663
Conc: 368.26 ng/ml



#36 AR-1262-1

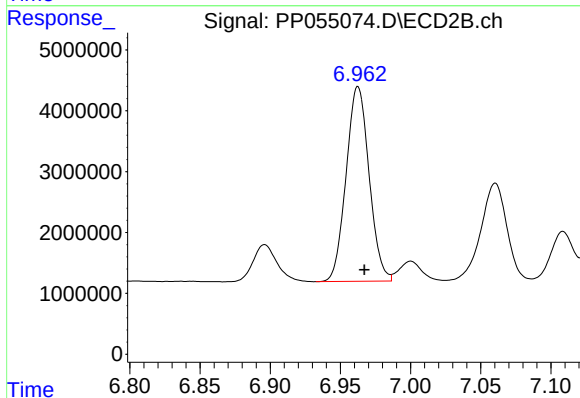
R.T.: 6.756 min
Delta R.T.: -0.004 min
Response: 19808395
Conc: 461.07 ng/ml



#37 AR-1262-2

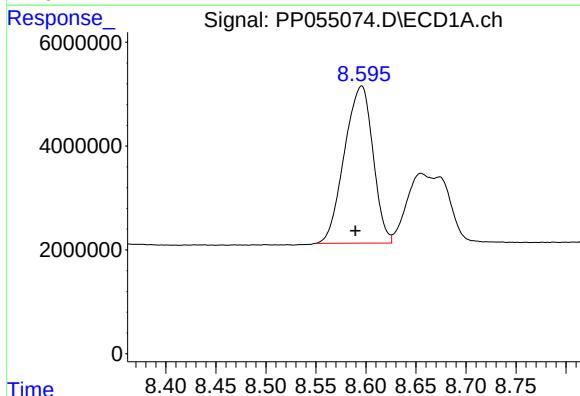
R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 91122659
Conc: 452.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



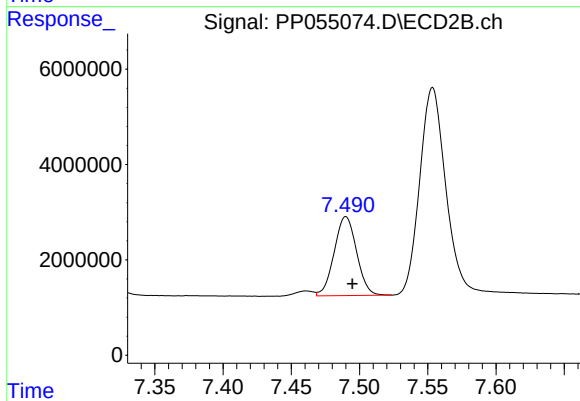
#37 AR-1262-2

R.T.: 6.963 min
Delta R.T.: -0.005 min
Response: 36506364
Conc: 394.14 ng/ml



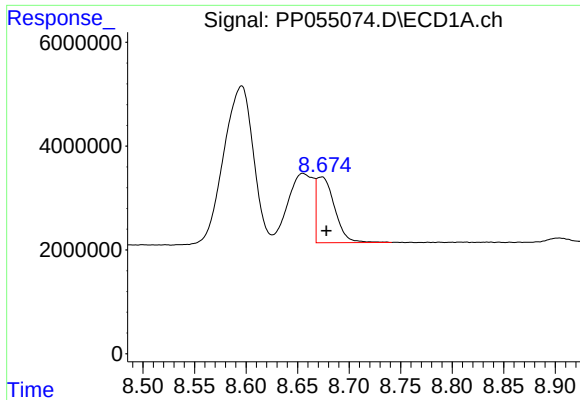
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.006 min
Response: 60089267
Conc: 432.08 ng/ml



#38 AR-1262-3

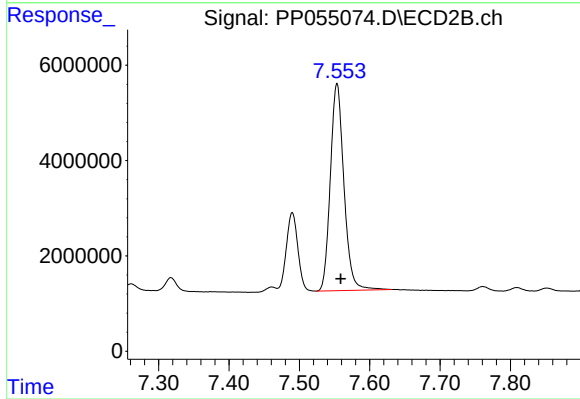
R.T.: 7.490 min
Delta R.T.: -0.005 min
Response: 18951254
Conc: 260.11 ng/ml



#39 AR-1262-4

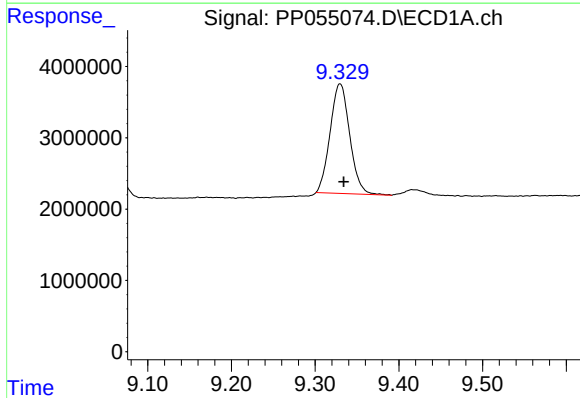
R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 15464138
Conc: 201.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



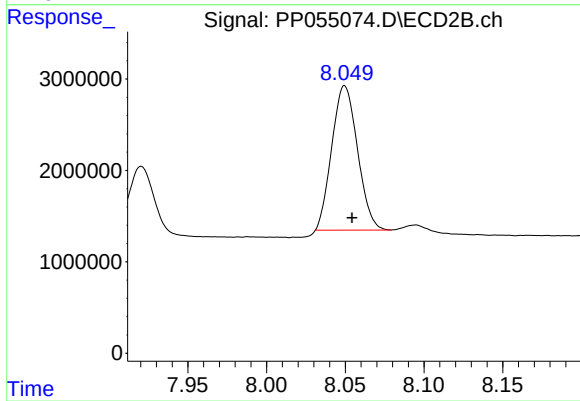
#39 AR-1262-4

R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 58259916
Conc: 445.48 ng/ml



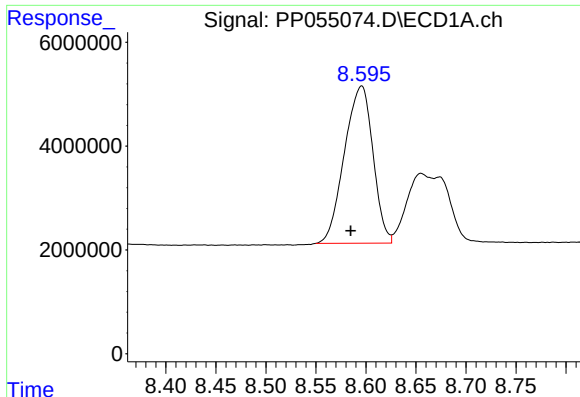
#40 AR-1262-5

R.T.: 9.330 min
Delta R.T.: -0.004 min
Response: 24973383
Conc: 349.18 ng/ml



#40 AR-1262-5

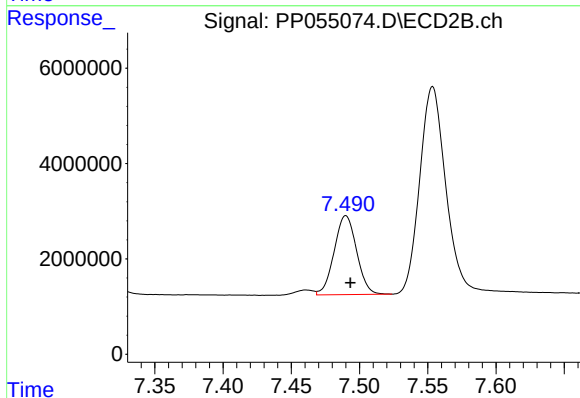
R.T.: 8.050 min
Delta R.T.: -0.005 min
Response: 17986877
Conc: 303.18 ng/ml



#41 AR-1268-1

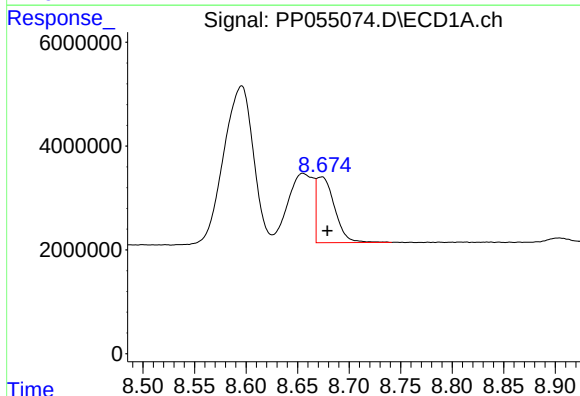
R.T.: 8.596 min
Delta R.T.: 0.011 min
Response: 60089267
Conc: 245.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



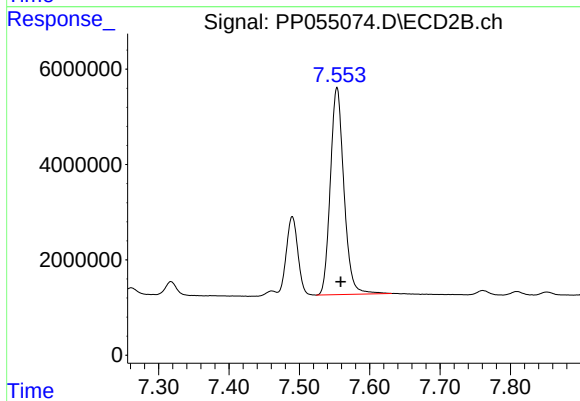
#41 AR-1268-1

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 18951254
Conc: 87.65 ng/ml



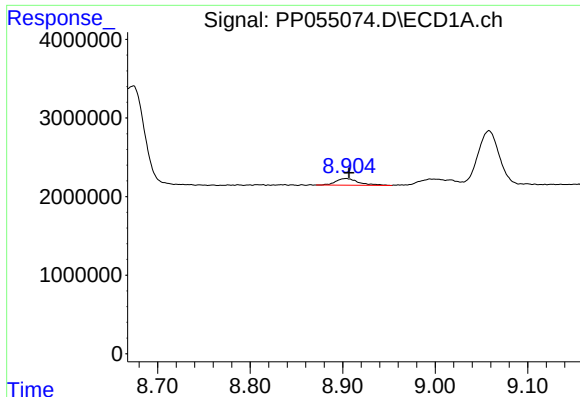
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: -0.006 min
Response: 15464138
Conc: 68.09 ng/ml



#42 AR-1268-2

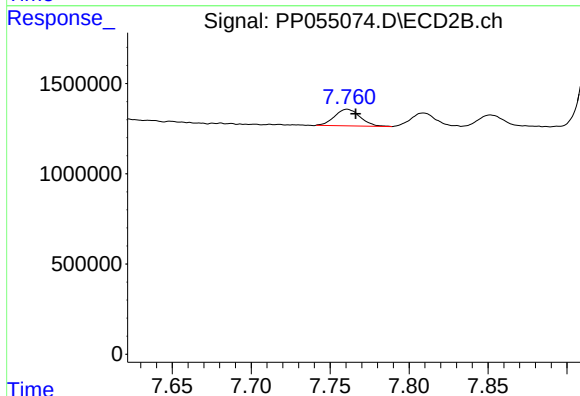
R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 58259916
Conc: 298.56 ng/ml



#43 AR-1268-3

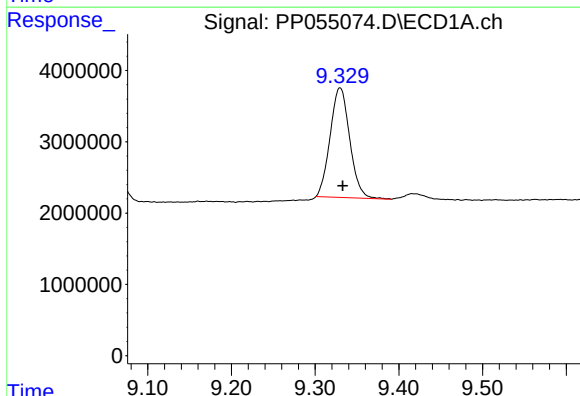
R.T.: 8.904 min
Delta R.T.: -0.003 min
Response: 1423088
Conc: 7.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



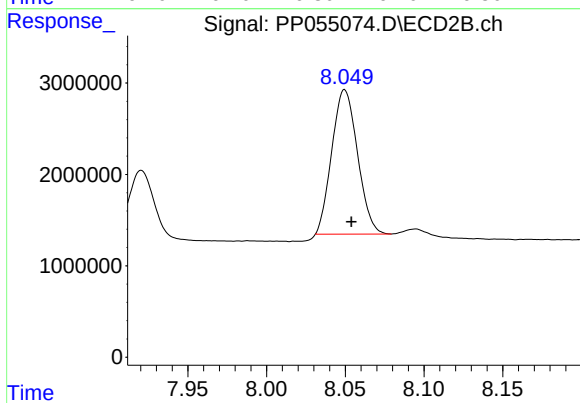
#43 AR-1268-3

R.T.: 7.761 min
Delta R.T.: -0.005 min
Response: 1032716
Conc: 6.01 ng/ml



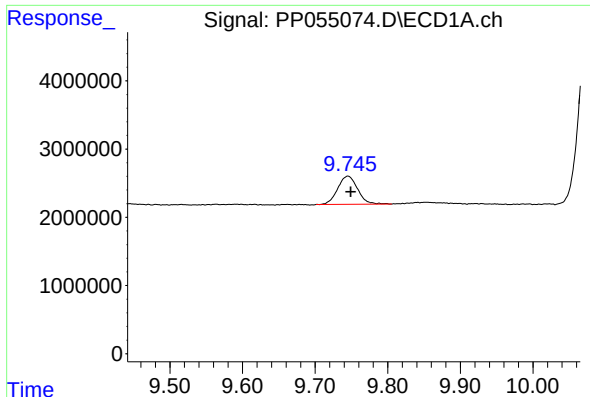
#44 AR-1268-4

R.T.: 9.330 min
Delta R.T.: -0.003 min
Response: 24973383
Conc: 317.94 ng/ml



#44 AR-1268-4

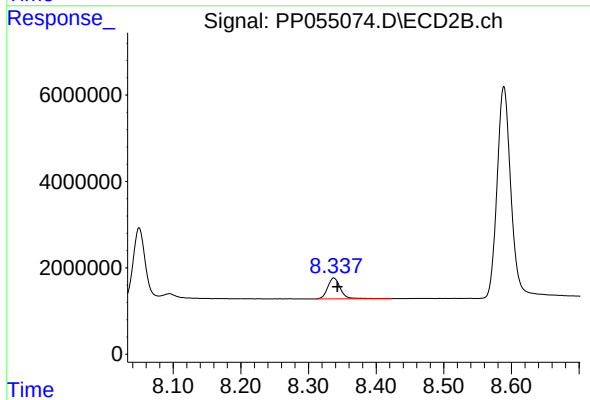
R.T.: 8.050 min
Delta R.T.: -0.004 min
Response: 17986877
Conc: 282.00 ng/ml



#45 AR-1268-5

R.T.: 9.745 min
Delta R.T.: -0.004 min
Response: 7878536
Conc: 12.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: -0.006 min
Response: 6325292
Conc: 12.01 ng/ml