

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055859.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 15:00
 Operator : YP\AJ
 Sample : 01657-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:12:53 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...	4.324	3.568	39463252	29021320	24.492	19.875
2)	SA Decachlor...	10.072	8.572	33988240	21539887	16.661	18.986
Target Compounds							
3)	L1 AR-1016-1	5.494	4.649	31536607	23462419	528.484	521.039
4)	L1 AR-1016-2	5.517	4.668	45349979	33337367	518.350	513.326
5)	L1 AR-1016-3	5.579	4.844	27909590	17877680	502.425	514.421
6)	L1 AR-1016-4	5.678	4.886	22285237	15428831	500.102	516.174
7)	L1 AR-1016-5	5.974	5.099	23631131	19000380	489.413	480.614
8)	L2 AR-1221-1	4.529	3.780	3719483	2956679	178.696	164.601
9)	L2 AR-1221-2	4.619	3.865	4062580	3982865	255.400	303.264
10)	L2 AR-1221-3	4.695	3.941	17654060	14182909	363.907	339.811
11)	L3 AR-1232-1	4.695	3.941	17654060	14182909	445.698	411.988
12)	L3 AR-1232-2	5.226	4.668	24277841	33337367	1168.809	1135.846
13)	L3 AR-1232-3	5.517	4.844	45349979	17877680	1150.910	1176.373
14)	L3 AR-1232-4	5.678	4.928	22285237	18334170	1137.600	1209.408
15)	L3 AR-1232-5	5.769	5.099	21058253	19000380	1316.692	1159.160
16)	L4 AR-1242-1	5.494	4.649	31536607	23462419	653.117	637.686
17)	L4 AR-1242-2	5.517	4.668	45349979	33337367	638.202	632.926
18)	L4 AR-1242-3	5.579	4.844	27909590	17877680	625.576	631.485
19)	L4 AR-1242-4	5.678	4.928	22285237	18334170	616.799	594.245
20)	L4 AR-1242-5	6.418	5.452	3545277	15857894	84.635	476.080 #
21)	L5 AR-1248-1	5.494	4.649	31536607	23462419	866.793	840.101
22)	L5 AR-1248-2	5.769	4.886	21058253	15428831	365.990	362.684
23)	L5 AR-1248-3	5.974	4.928	23631131	18334170	363.677	411.991
24)	L5 AR-1248-4	6.378	5.099	4149094	19000380	57.187	371.091 #
25)	L5 AR-1248-5	6.418	5.492	3545277	2434403	50.020	55.232
26)	L6 AR-1254-1	6.353	5.452	18726856	15857894	254.711	215.542
27)	L6 AR-1254-2	6.572	5.599	20505004	15142039	177.680	240.667 #
28)	L6 AR-1254-3	6.941	6.019	13285616	24693935	107.953	251.780 #
29)	L6 AR-1254-4	7.227	6.233	8525817	3577151	92.823	64.984 #
30)	L6 AR-1254-5	7.647	6.651	66519083	42754264	632.893	526.213
31)	L7 AR-1260-1	7.106	6.134	45097255	33617027	435.537	461.129
32)	L7 AR-1260-2	7.364	6.323	55338958	38042122	439.995	466.215
33)	L7 AR-1260-3	7.725	6.476	34179146	35299512	389.164	417.714
34)	L7 AR-1260-4	7.951	6.949	48384652	25510688	450.195	398.600
35)	L7 AR-1260-5	8.267	7.193	83368095	56902784	403.819	420.383
36)	L8 AR-1262-1	7.725	6.743	34179146	14290336	289.700	405.421 #
37)	L8 AR-1262-2	8.267	6.949	83368095	25510688	379.849	343.563
38)	L8 AR-1262-3	8.591	7.477	58068025	10082420	379.831	181.717 #
39)	L8 AR-1262-4	8.667	7.540	14474784	40752580	192.266	401.440 #
40)	L8 AR-1262-5	9.321	8.036	20739137	11403914	251.547	250.764
41)	L9 AR-1268-1	8.591	7.477	58068025	10082420	203.463	59.965 #

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

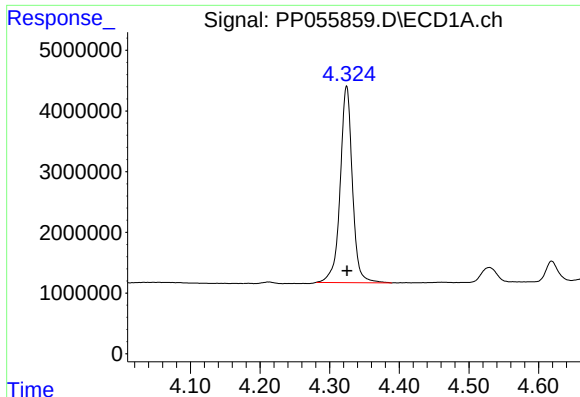
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:12:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	8.667	7.540	14474784	40752580	54.288	266.426 #
43) L9	AR-1268-3	8.897	7.747	1270883	942552	5.400	6.869 #
44) L9	AR-1268-4	9.321	8.036	20739137	11403914	210.061	207.279
45) L9	AR-1268-5	9.735	8.323	6716298	3811515	8.921	9.449

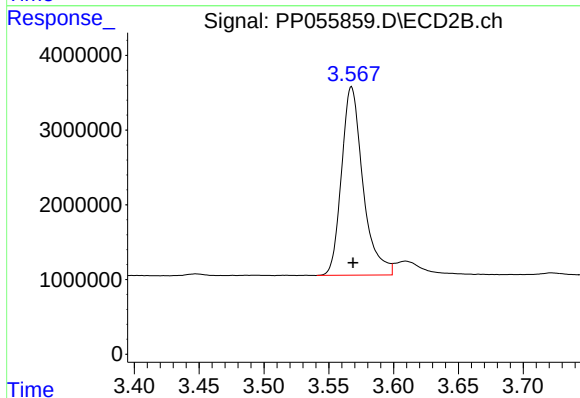
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

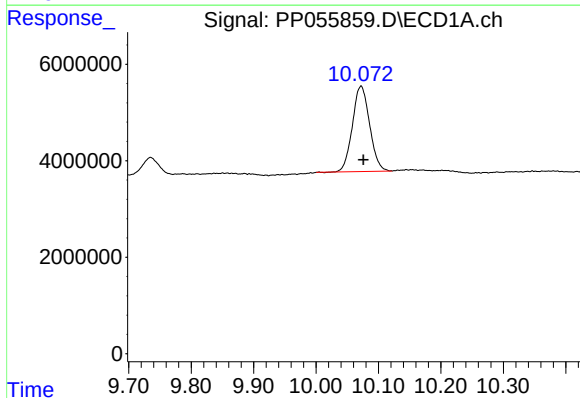
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 39463252
Conc: 24.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



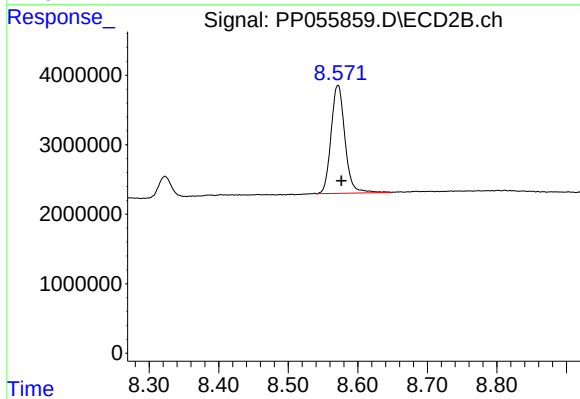
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.001 min
Response: 29021320
Conc: 19.88 ng/ml



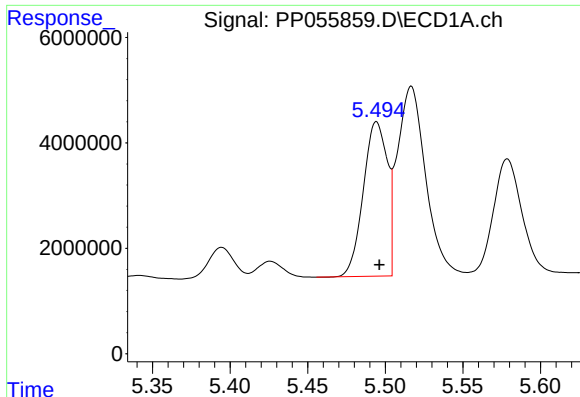
#2 Decachlorobiphenyl

R.T.: 10.072 min
Delta R.T.: -0.004 min
Response: 33988240
Conc: 16.66 ng/ml



#2 Decachlorobiphenyl

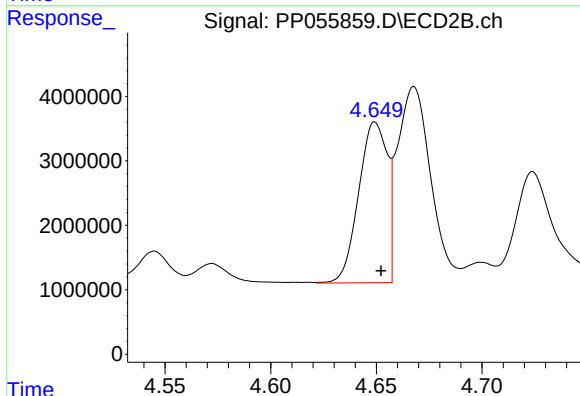
R.T.: 8.572 min
Delta R.T.: -0.005 min
Response: 21539887
Conc: 18.99 ng/ml



#3 AR-1016-1

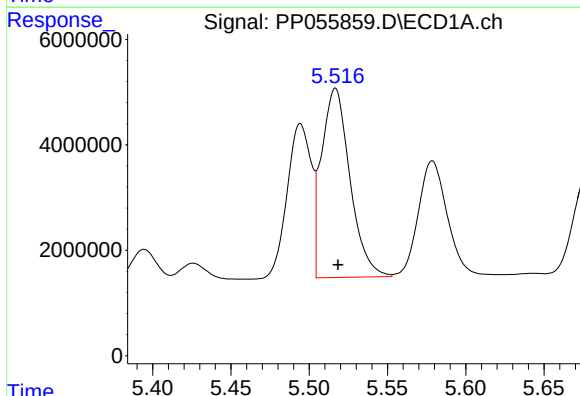
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 31536607
Conc: 528.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



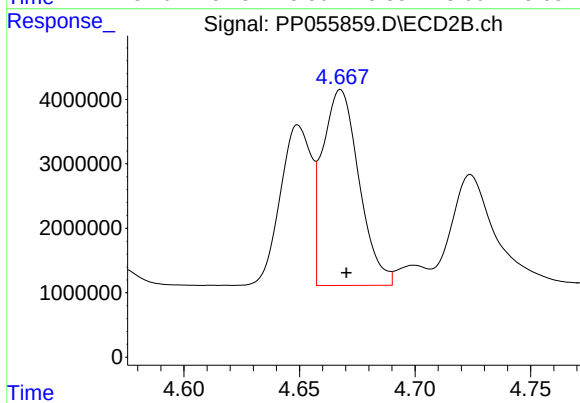
#3 AR-1016-1

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 23462419
Conc: 521.04 ng/ml



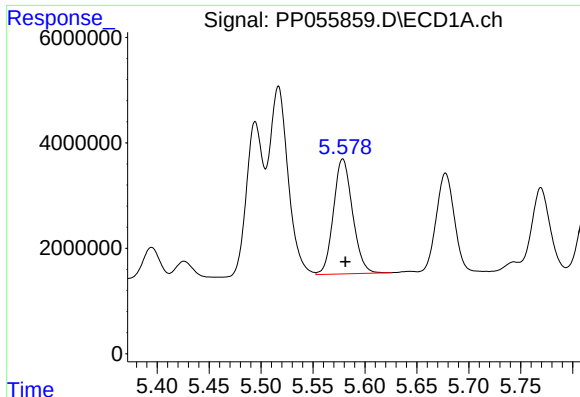
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 45349979
Conc: 518.35 ng/ml



#4 AR-1016-2

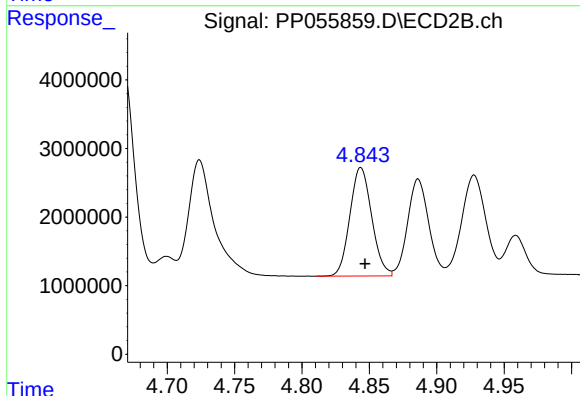
R.T.: 4.668 min
Delta R.T.: -0.003 min
Response: 33337367
Conc: 513.33 ng/ml



#5 AR-1016-3

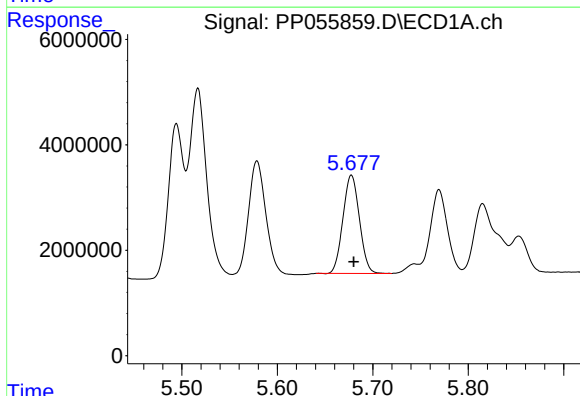
R.T.: 5.579 min
Delta R.T.: -0.003 min
Response: 27909590
Conc: 502.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



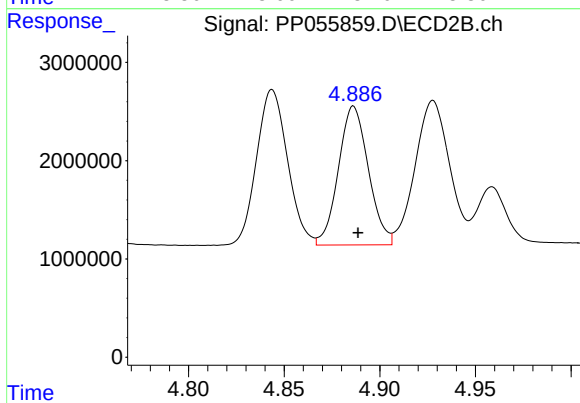
#5 AR-1016-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 17877680
Conc: 514.42 ng/ml



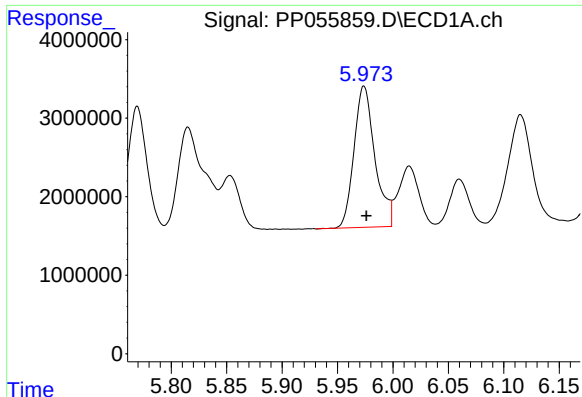
#6 AR-1016-4

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 22285237
Conc: 500.10 ng/ml



#6 AR-1016-4

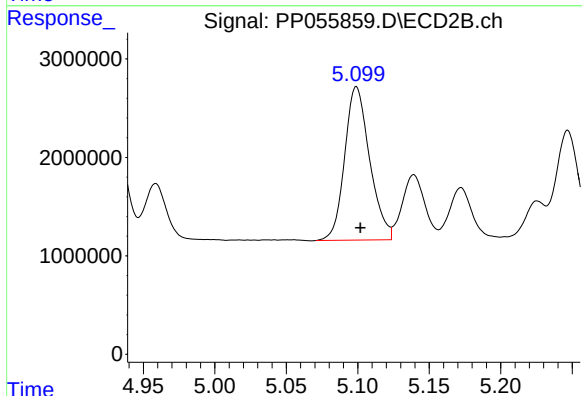
R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 15428831
Conc: 516.17 ng/ml



#7 AR-1016-5

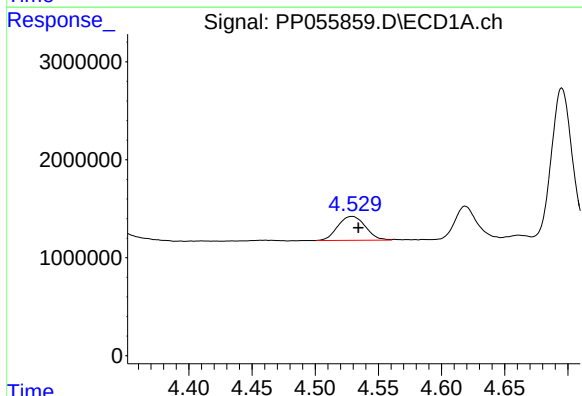
R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 23631131
Conc: 489.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



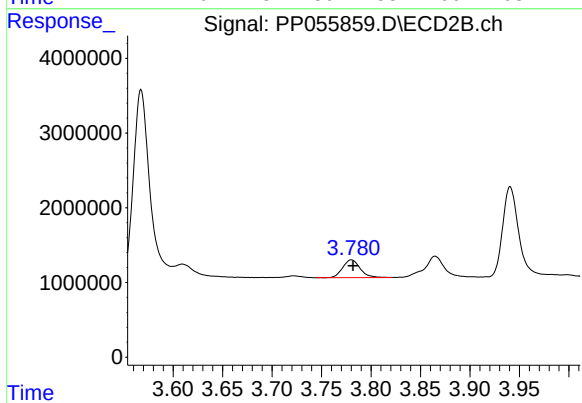
#7 AR-1016-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 19000380
Conc: 480.61 ng/ml



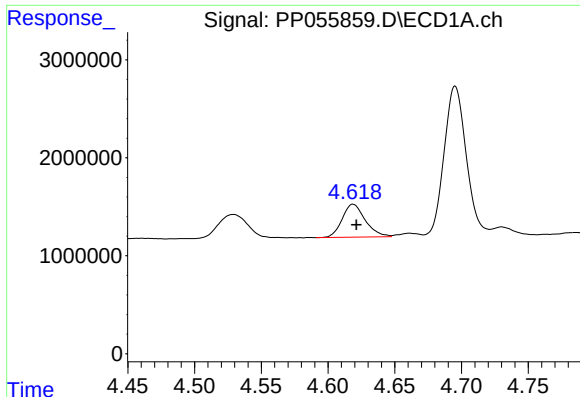
#8 AR-1221-1

R.T.: 4.529 min
Delta R.T.: -0.005 min
Response: 3719483
Conc: 178.70 ng/ml



#8 AR-1221-1

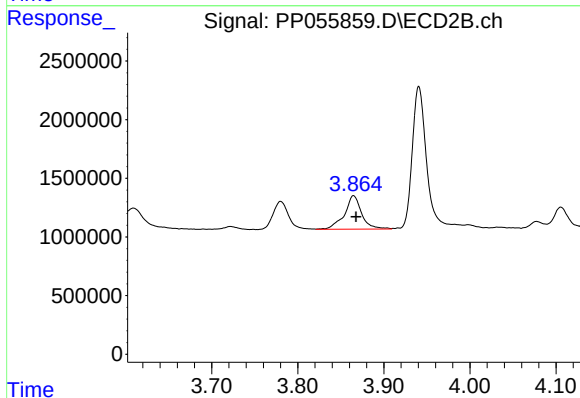
R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 2956679
Conc: 164.60 ng/ml



#9 AR-1221-2

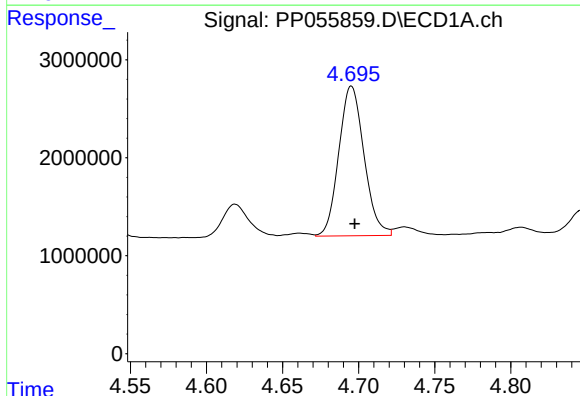
R.T.: 4.619 min
Delta R.T.: -0.002 min
Response: 4062580
Conc: 255.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



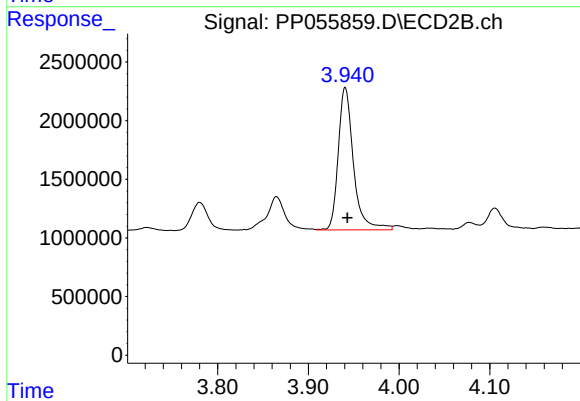
#9 AR-1221-2

R.T.: 3.865 min
Delta R.T.: -0.003 min
Response: 3982865
Conc: 303.26 ng/ml



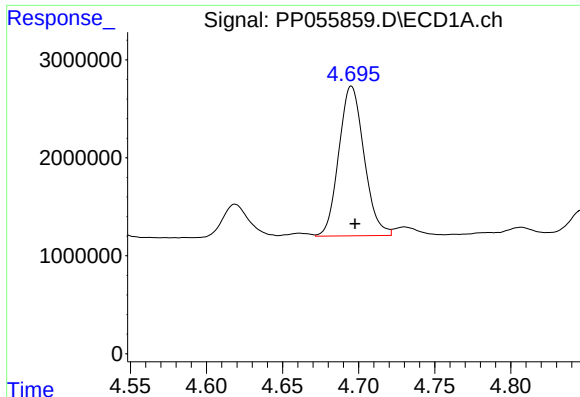
#10 AR-1221-3

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 17654060
Conc: 363.91 ng/ml



#10 AR-1221-3

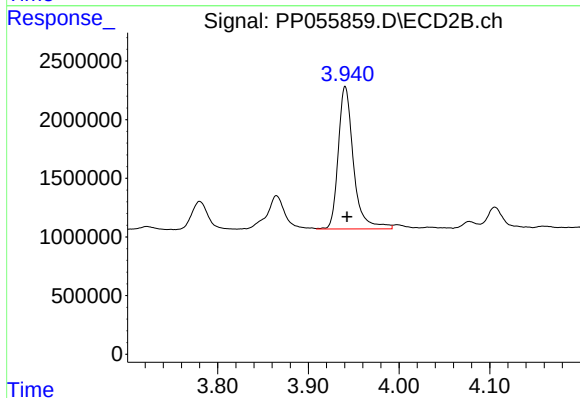
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 14182909
Conc: 339.81 ng/ml



#11 AR-1232-1

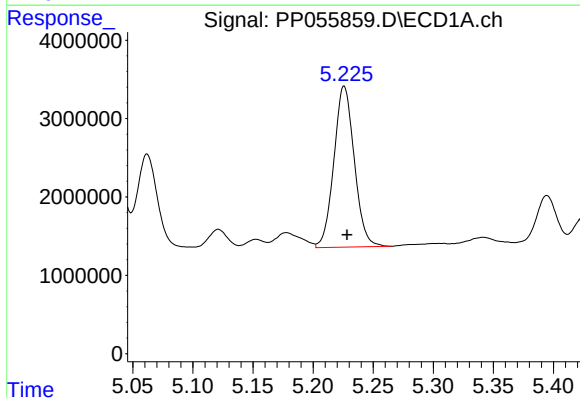
R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 17654060
Conc: 445.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



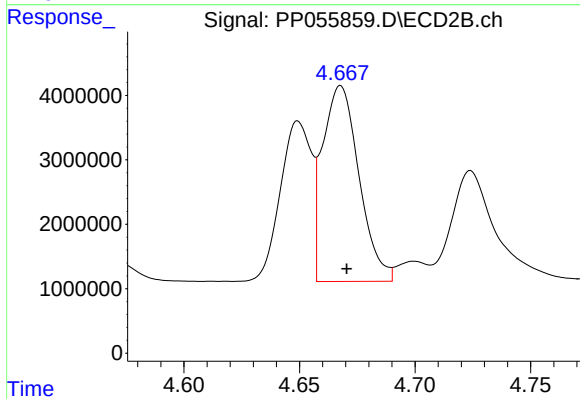
#11 AR-1232-1

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 14182909
Conc: 411.99 ng/ml



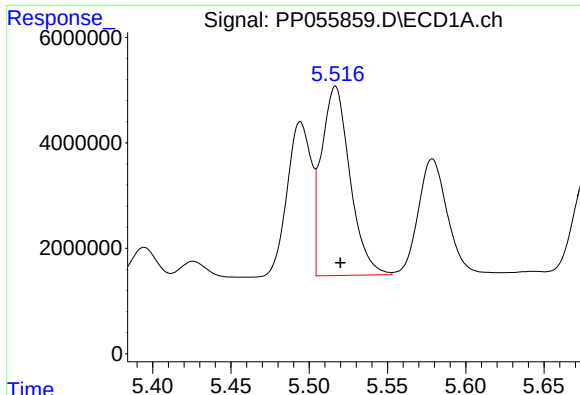
#12 AR-1232-2

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 24277841
Conc: 1168.81 ng/ml



#12 AR-1232-2

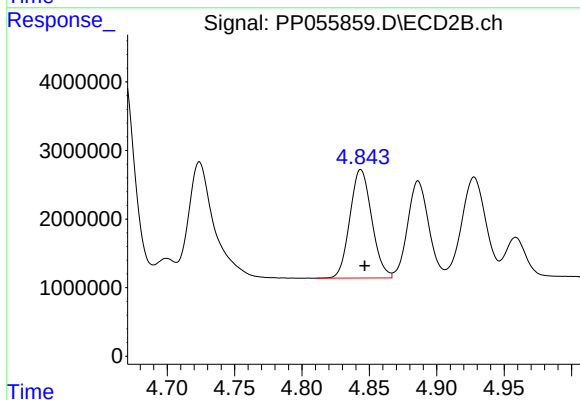
R.T.: 4.668 min
Delta R.T.: -0.003 min
Response: 33337367
Conc: 1135.85 ng/ml



#13 AR-1232-3

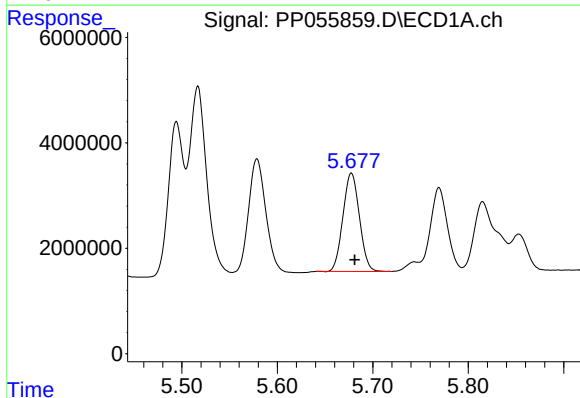
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 45349979
Conc: 1150.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



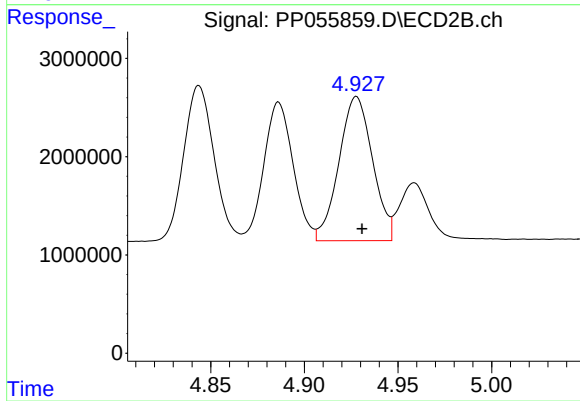
#13 AR-1232-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 17877680
Conc: 1176.37 ng/ml



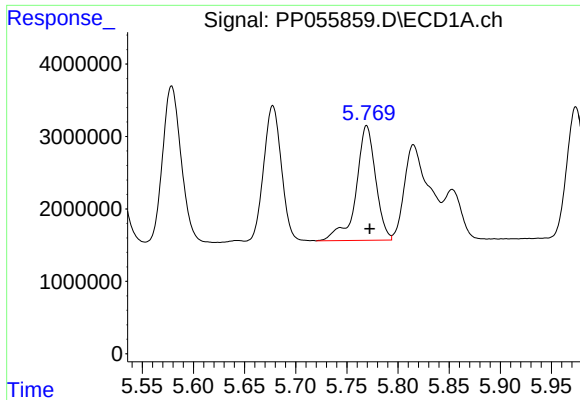
#14 AR-1232-4

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 22285237
Conc: 1137.60 ng/ml



#14 AR-1232-4

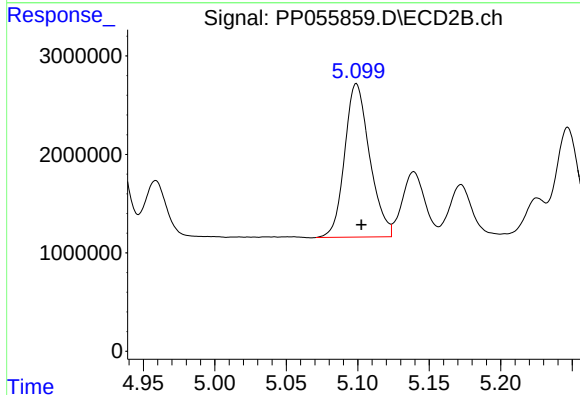
R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 18334170
Conc: 1209.41 ng/ml



#15 AR-1232-5

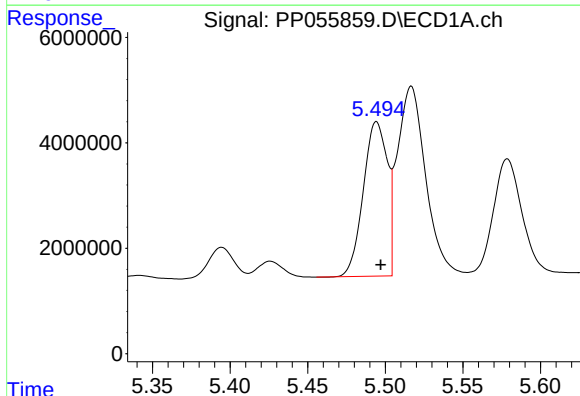
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 21058253
Conc: 1316.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



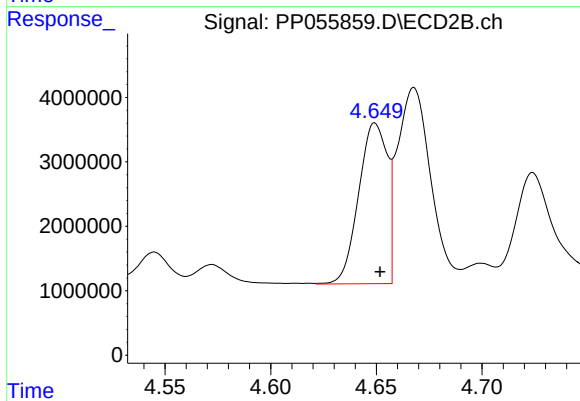
#15 AR-1232-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 19000380
Conc: 1159.16 ng/ml



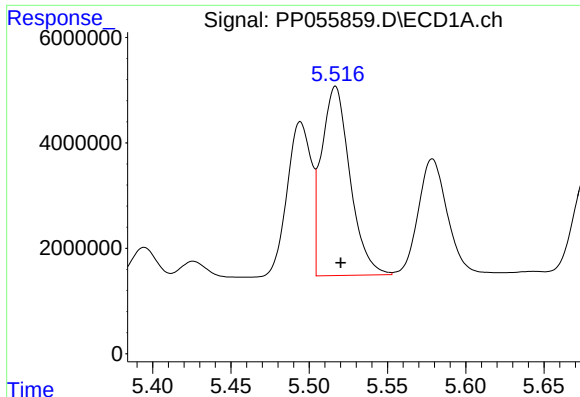
#16 AR-1242-1

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 31536607
Conc: 653.12 ng/ml



#16 AR-1242-1

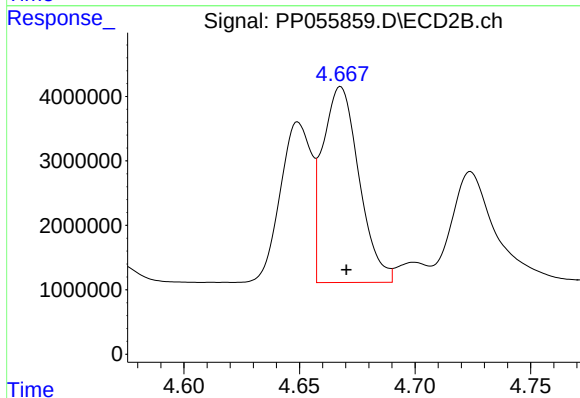
R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 23462419
Conc: 637.69 ng/ml



#17 AR-1242-2

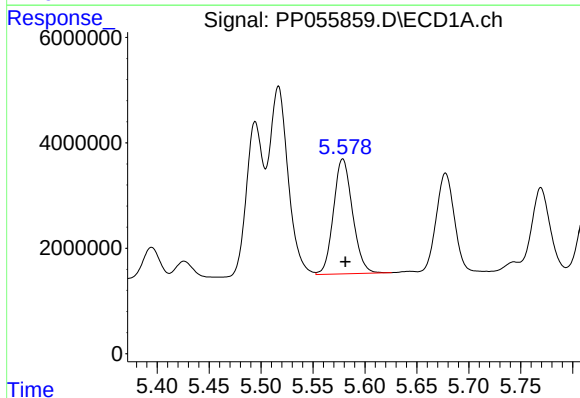
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 45349979
Conc: 638.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



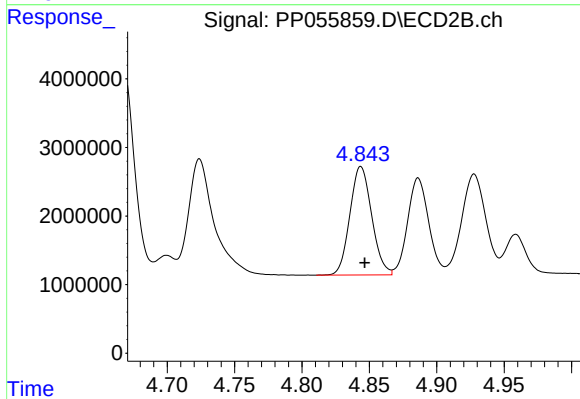
#17 AR-1242-2

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 33337367
Conc: 632.93 ng/ml



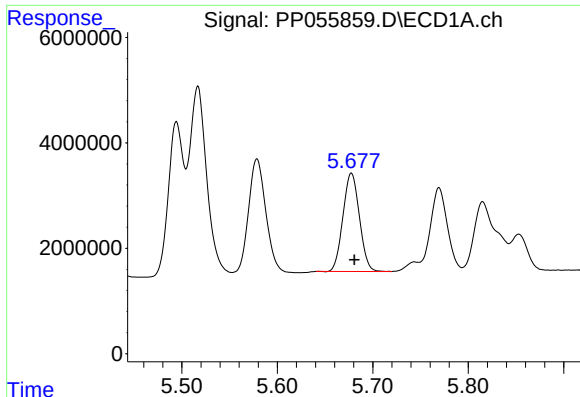
#18 AR-1242-3

R.T.: 5.579 min
Delta R.T.: -0.003 min
Response: 27909590
Conc: 625.58 ng/ml



#18 AR-1242-3

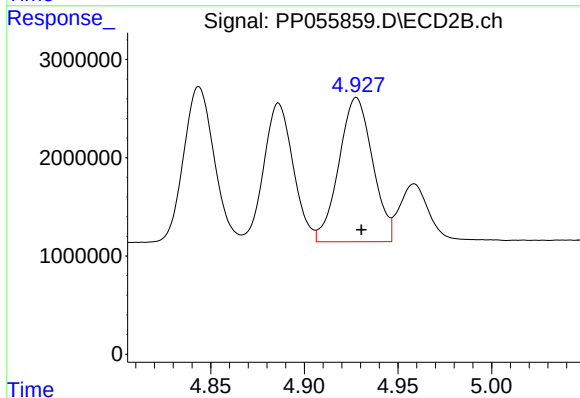
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 17877680
Conc: 631.49 ng/ml



#19 AR-1242-4

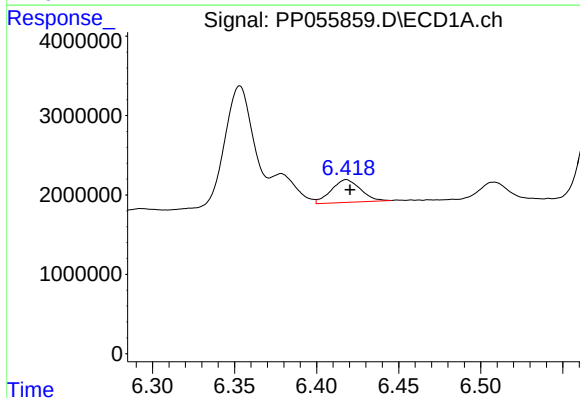
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 22285237
Conc: 616.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



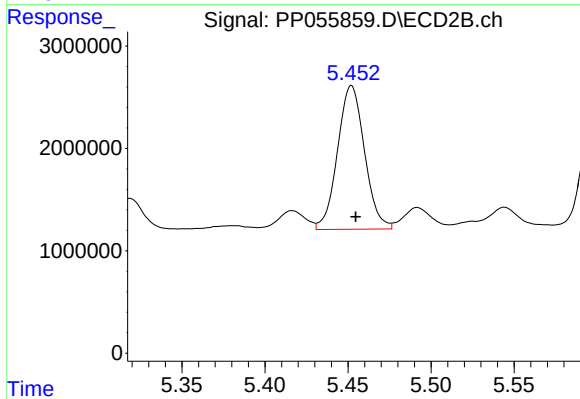
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 18334170
Conc: 594.25 ng/ml



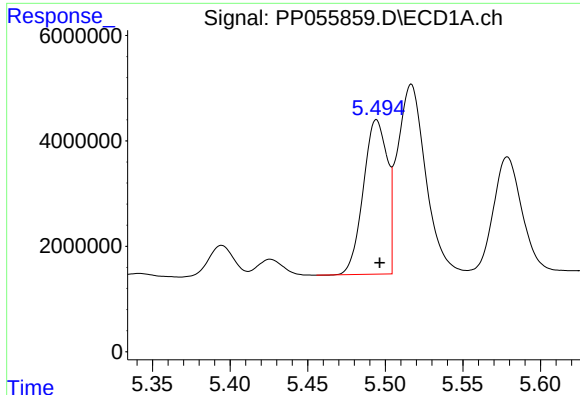
#20 AR-1242-5

R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 3545277
Conc: 84.63 ng/ml



#20 AR-1242-5

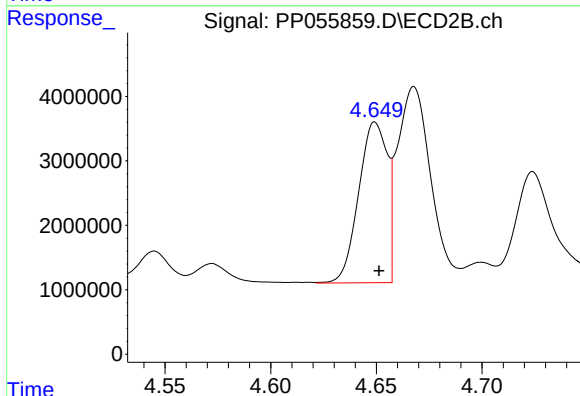
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 15857894
Conc: 476.08 ng/ml



#21 AR-1248-1

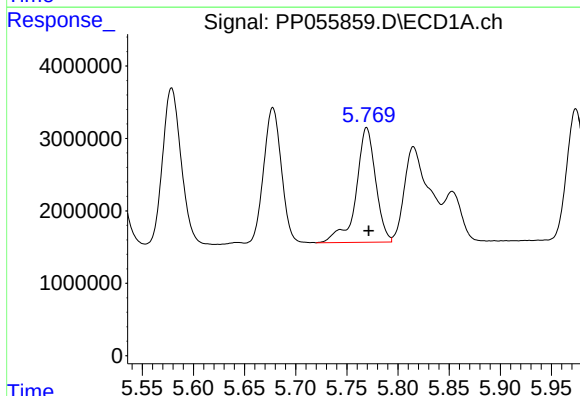
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 31536607
Conc: 866.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



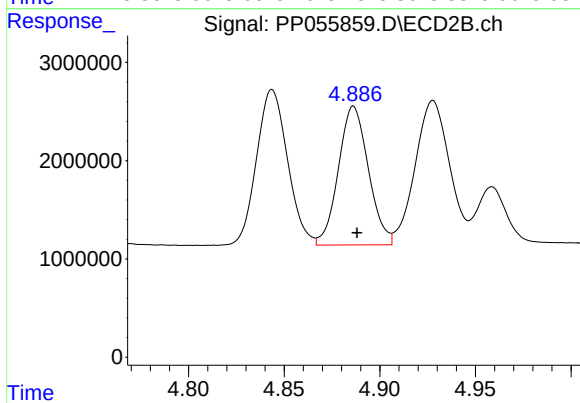
#21 AR-1248-1

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 23462419
Conc: 840.10 ng/ml



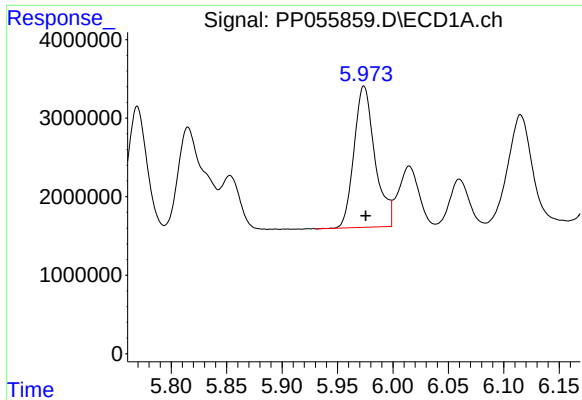
#22 AR-1248-2

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 21058253
Conc: 365.99 ng/ml



#22 AR-1248-2

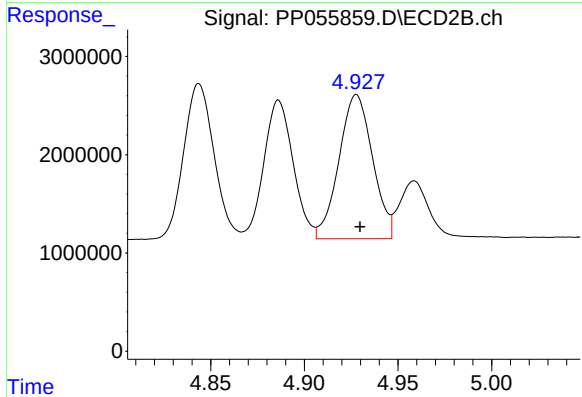
R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 15428831
Conc: 362.68 ng/ml



#23 AR-1248-3

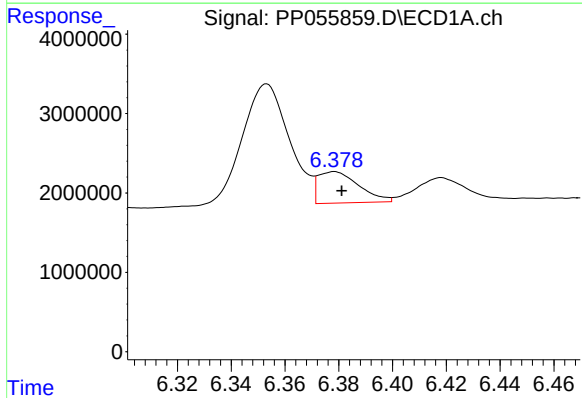
R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 23631131
Conc: 363.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



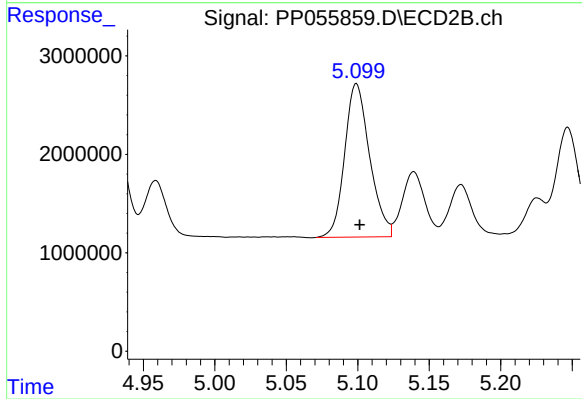
#23 AR-1248-3

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 18334170
Conc: 411.99 ng/ml



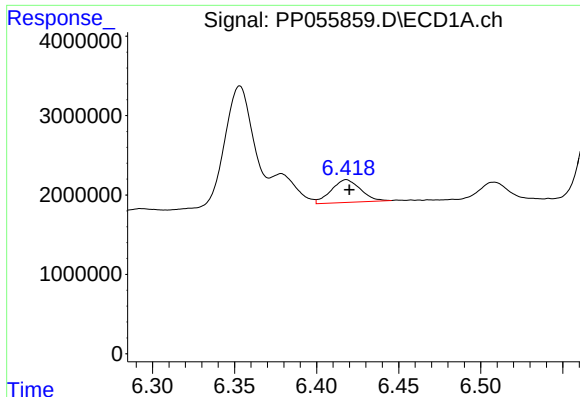
#24 AR-1248-4

R.T.: 6.378 min
Delta R.T.: -0.003 min
Response: 4149094
Conc: 57.19 ng/ml



#24 AR-1248-4

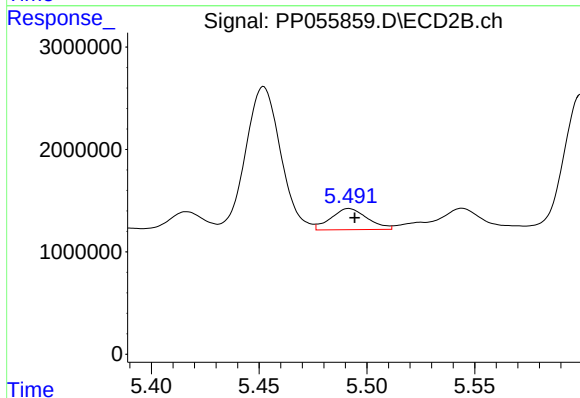
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 19000380
Conc: 371.09 ng/ml



#25 AR-1248-5

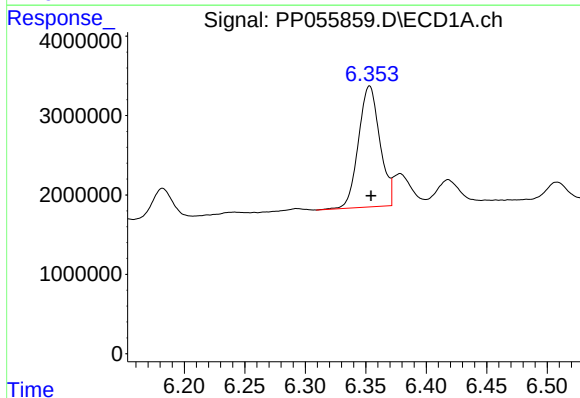
R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 3545277
Conc: 50.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



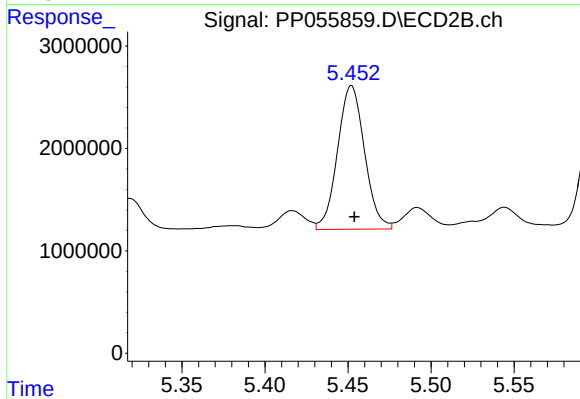
#25 AR-1248-5

R.T.: 5.492 min
Delta R.T.: -0.003 min
Response: 2434403
Conc: 55.23 ng/ml



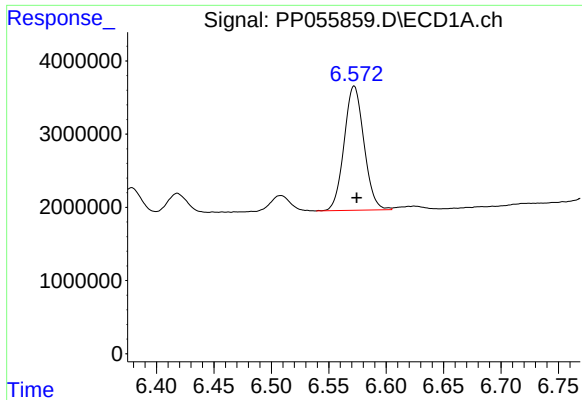
#26 AR-1254-1

R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 18726856
Conc: 254.71 ng/ml



#26 AR-1254-1

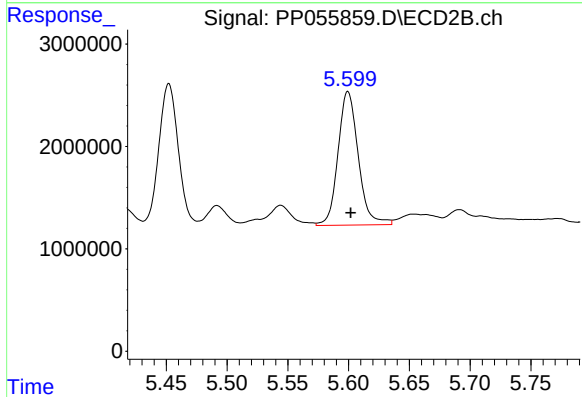
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 15857894
Conc: 215.54 ng/ml



#27 AR-1254-2

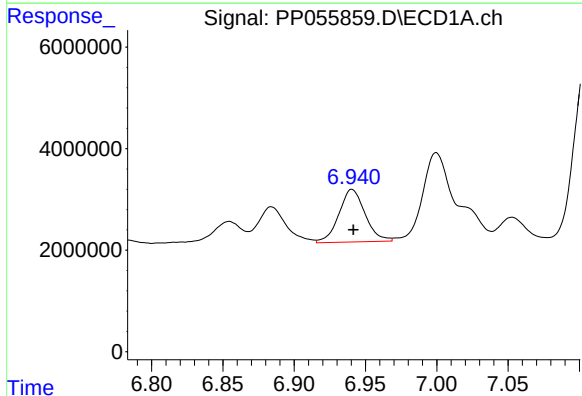
R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 20505004
Conc: 177.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



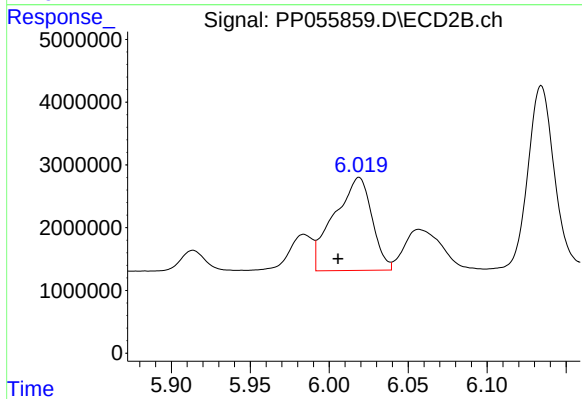
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 15142039
Conc: 240.67 ng/ml



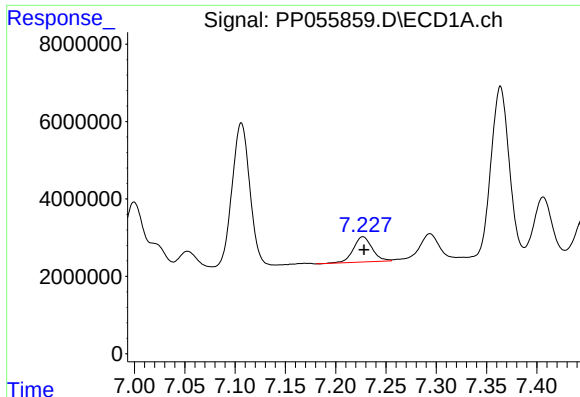
#28 AR-1254-3

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 13285616
Conc: 107.95 ng/ml



#28 AR-1254-3

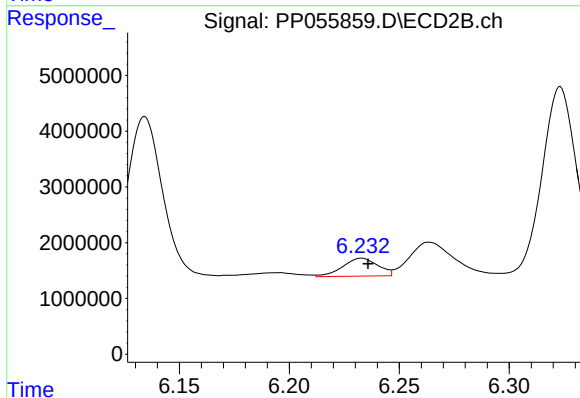
R.T.: 6.019 min
Delta R.T.: 0.013 min
Response: 24693935
Conc: 251.78 ng/ml



#29 AR-1254-4

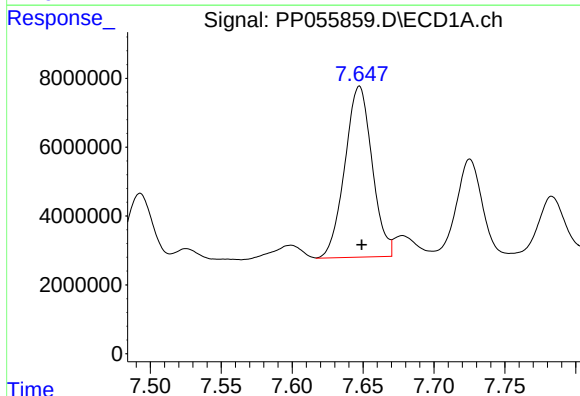
R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 8525817
Conc: 92.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



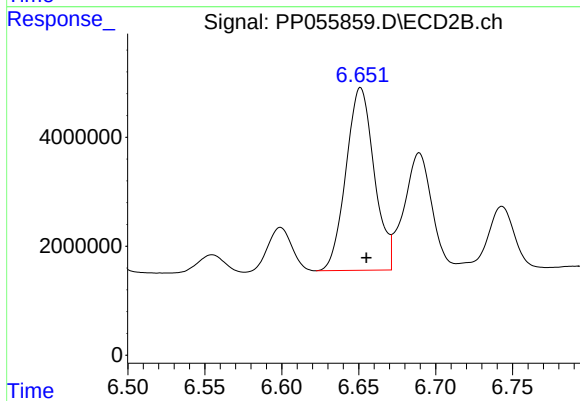
#29 AR-1254-4

R.T.: 6.233 min
Delta R.T.: -0.003 min
Response: 3577151
Conc: 64.98 ng/ml



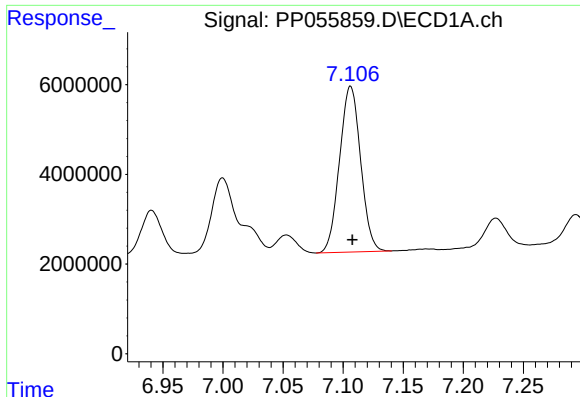
#30 AR-1254-5

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 66519083
Conc: 632.89 ng/ml



#30 AR-1254-5

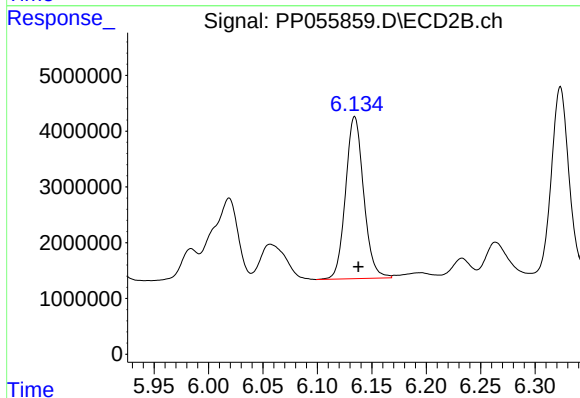
R.T.: 6.651 min
Delta R.T.: -0.004 min
Response: 42754264
Conc: 526.21 ng/ml



#31 AR-1260-1

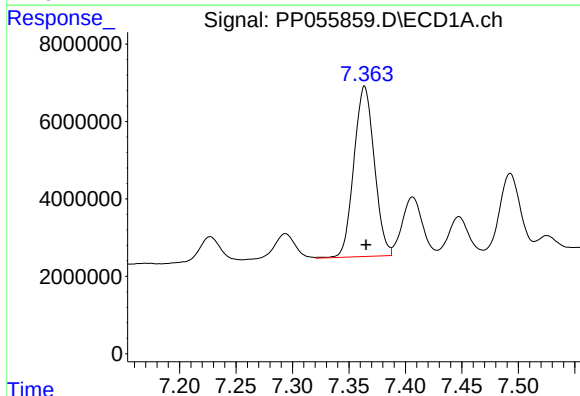
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 45097255
Conc: 435.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



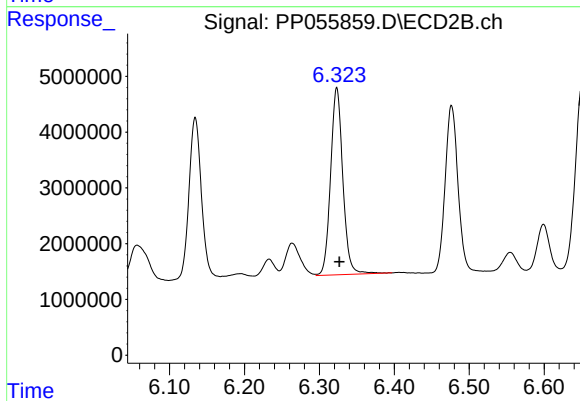
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 33617027
Conc: 461.13 ng/ml



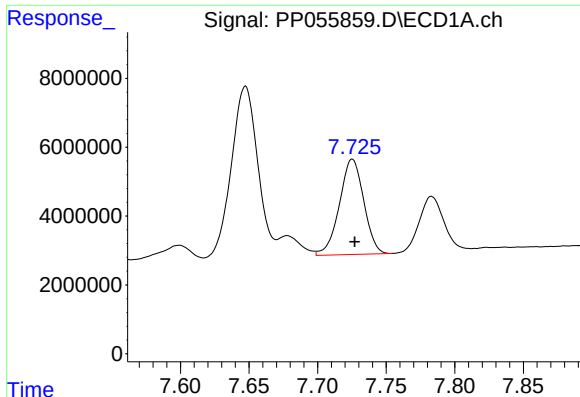
#32 AR-1260-2

R.T.: 7.364 min
Delta R.T.: -0.001 min
Response: 55338958
Conc: 440.00 ng/ml



#32 AR-1260-2

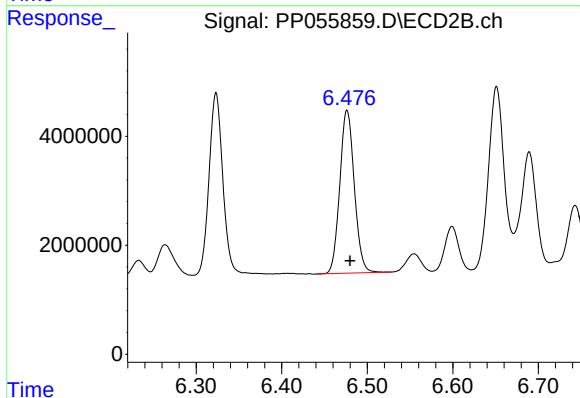
R.T.: 6.323 min
Delta R.T.: -0.004 min
Response: 38042122
Conc: 466.21 ng/ml



#33 AR-1260-3

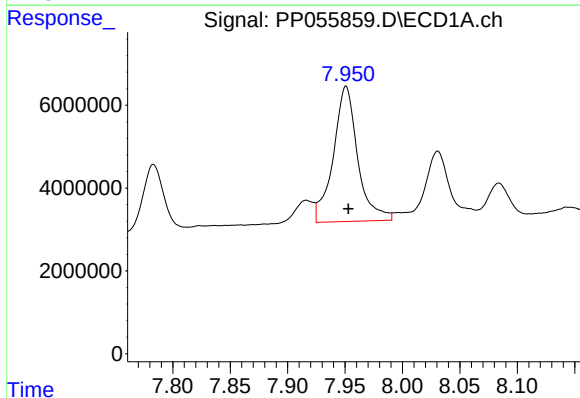
R.T.: 7.725 min
Delta R.T.: -0.002 min
Response: 34179146
Conc: 389.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



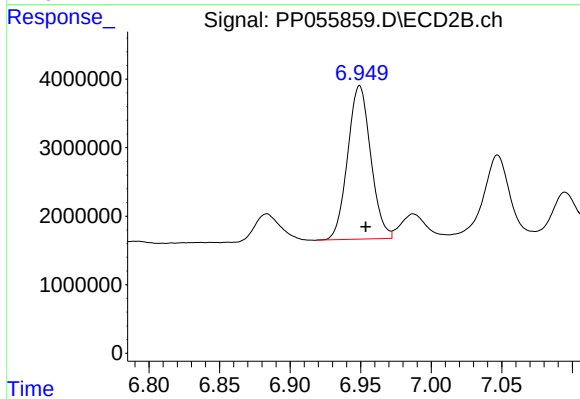
#33 AR-1260-3

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 35299512
Conc: 417.71 ng/ml



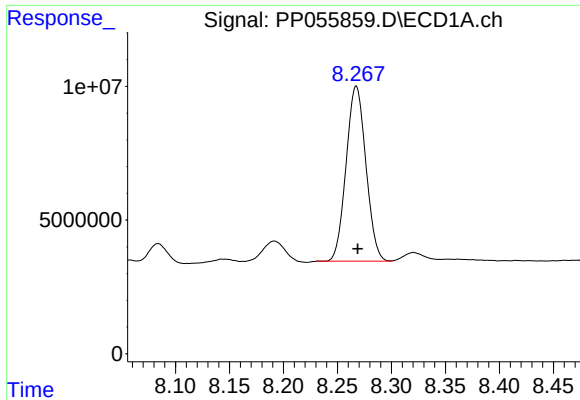
#34 AR-1260-4

R.T.: 7.951 min
Delta R.T.: -0.002 min
Response: 48384652
Conc: 450.19 ng/ml



#34 AR-1260-4

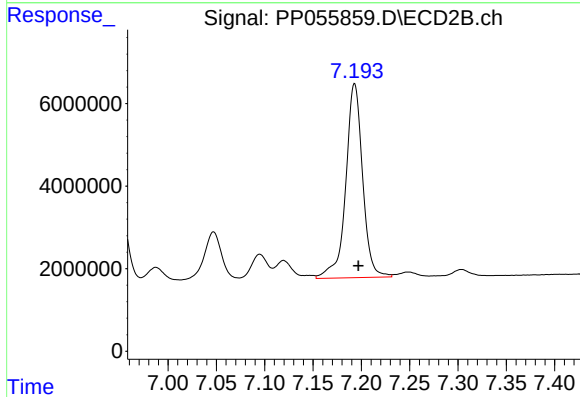
R.T.: 6.949 min
Delta R.T.: -0.004 min
Response: 25510688
Conc: 398.60 ng/ml



#35 AR-1260-5

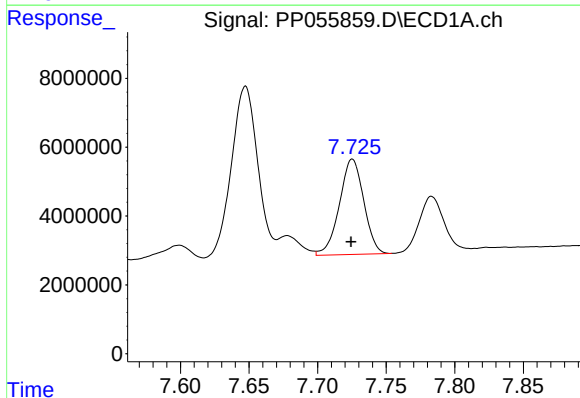
R.T.: 8.267 min
Delta R.T.: -0.001 min
Response: 83368095
Conc: 403.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



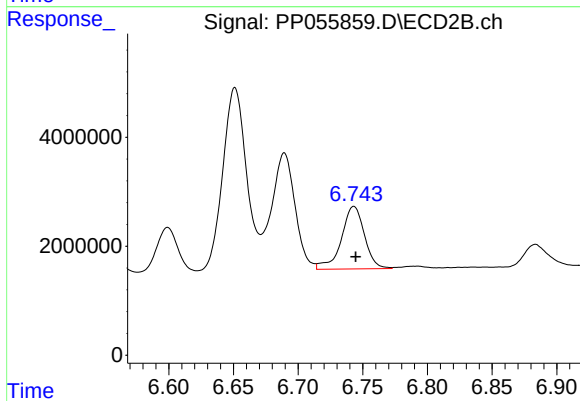
#35 AR-1260-5

R.T.: 7.193 min
Delta R.T.: -0.004 min
Response: 56902784
Conc: 420.38 ng/ml



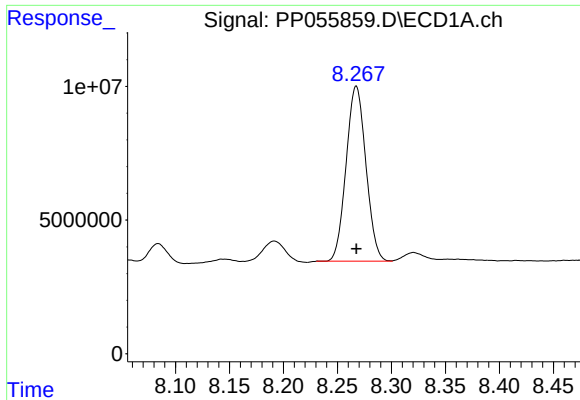
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 34179146
Conc: 289.70 ng/ml



#36 AR-1262-1

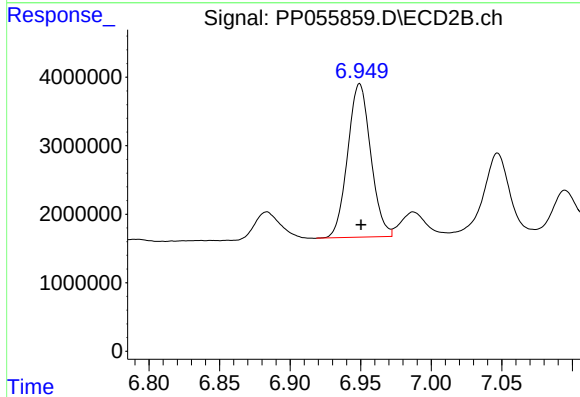
R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 14290336
Conc: 405.42 ng/ml



#37 AR-1262-2

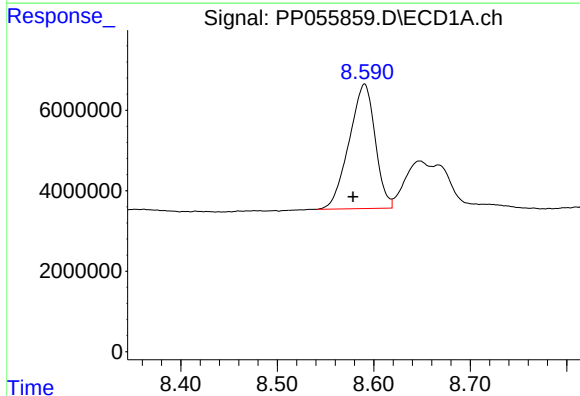
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 83368095
Conc: 379.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



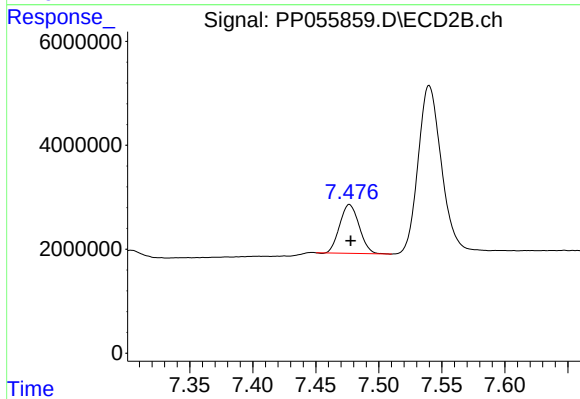
#37 AR-1262-2

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 25510688
Conc: 343.56 ng/ml



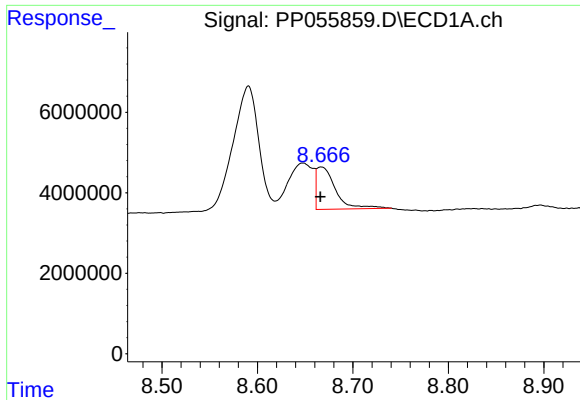
#38 AR-1262-3

R.T.: 8.591 min
Delta R.T.: 0.012 min
Response: 58068025
Conc: 379.83 ng/ml



#38 AR-1262-3

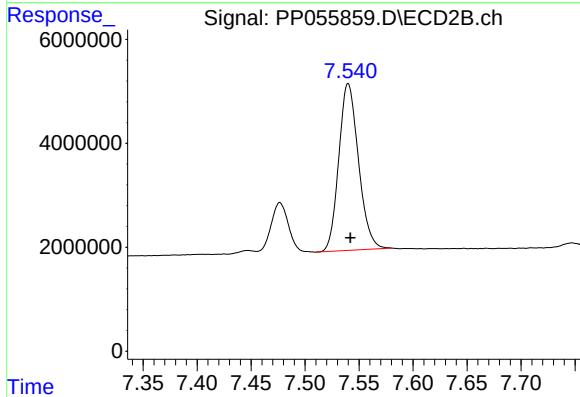
R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 10082420
Conc: 181.72 ng/ml



#39 AR-1262-4

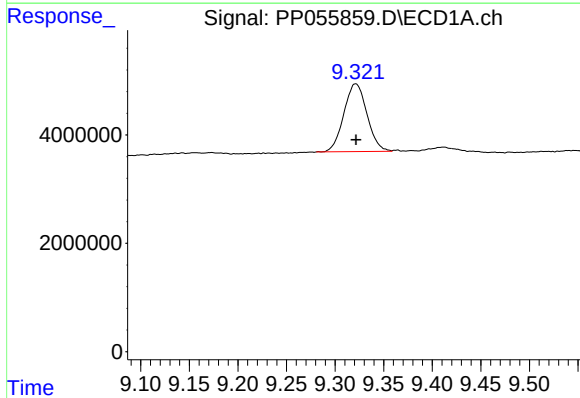
R.T.: 8.667 min
Delta R.T.: 0.001 min
Response: 14474784
Conc: 192.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



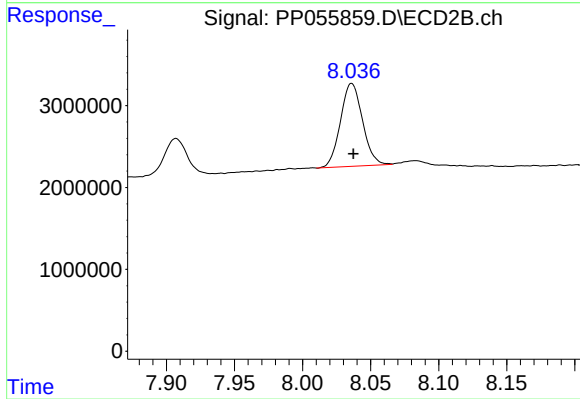
#39 AR-1262-4

R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 40752580
Conc: 401.44 ng/ml



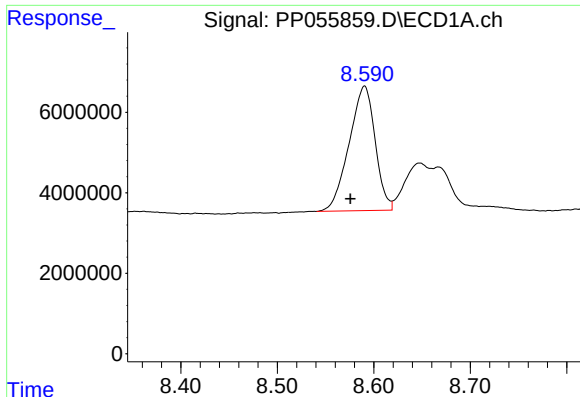
#40 AR-1262-5

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 20739137
Conc: 251.55 ng/ml



#40 AR-1262-5

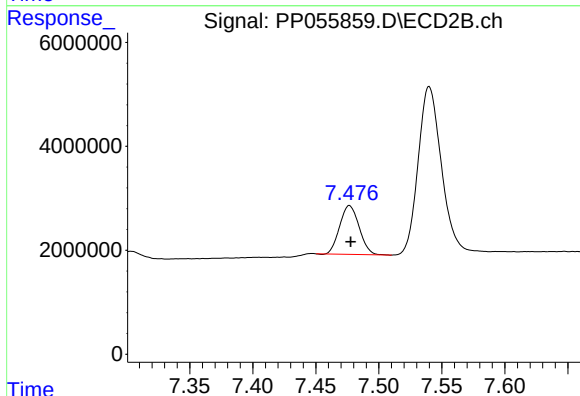
R.T.: 8.036 min
Delta R.T.: -0.001 min
Response: 11403914
Conc: 250.76 ng/ml



#41 AR-1268-1

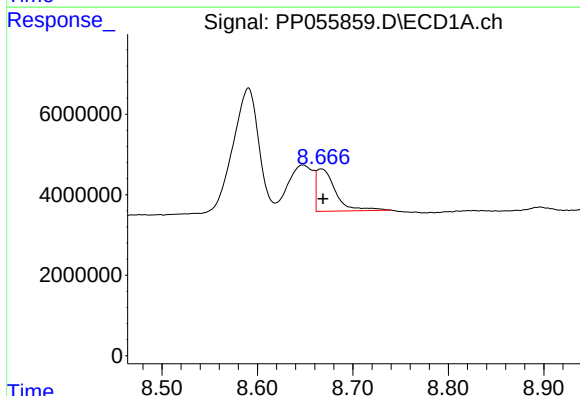
R.T.: 8.591 min
Delta R.T.: 0.015 min
Response: 58068025
Conc: 203.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



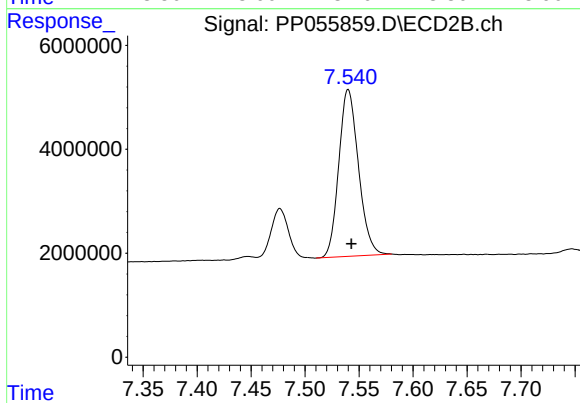
#41 AR-1268-1

R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 10082420
Conc: 59.97 ng/ml



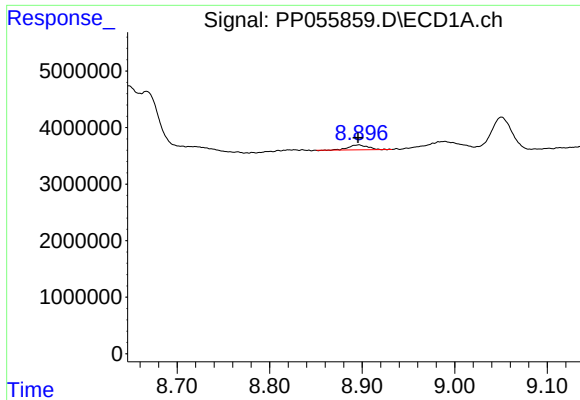
#42 AR-1268-2

R.T.: 8.667 min
Delta R.T.: -0.002 min
Response: 14474784
Conc: 54.29 ng/ml



#42 AR-1268-2

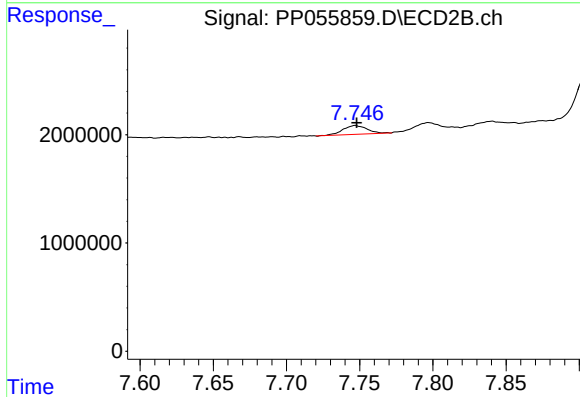
R.T.: 7.540 min
Delta R.T.: -0.003 min
Response: 40752580
Conc: 266.43 ng/ml



#43 AR-1268-3

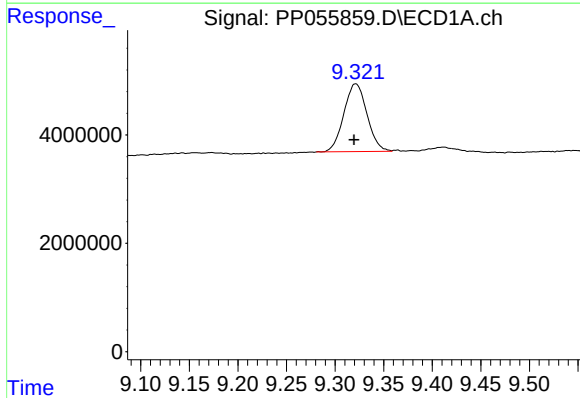
R.T.: 8.897 min
Delta R.T.: 0.000 min
Response: 1270883
Conc: 5.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



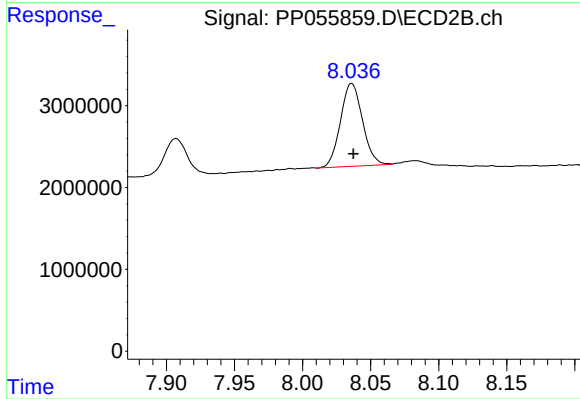
#43 AR-1268-3

R.T.: 7.747 min
Delta R.T.: -0.001 min
Response: 942552
Conc: 6.87 ng/ml



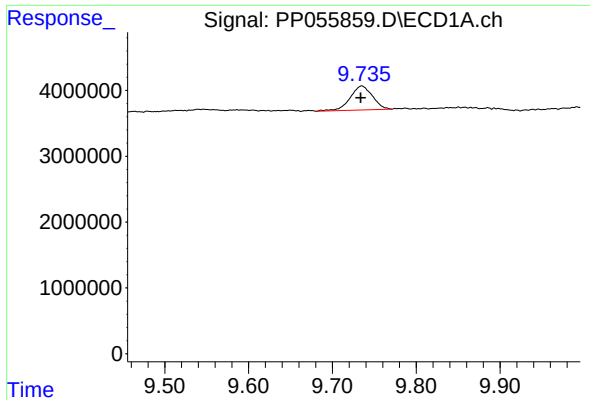
#44 AR-1268-4

R.T.: 9.321 min
Delta R.T.: 0.002 min
Response: 20739137
Conc: 210.06 ng/ml



#44 AR-1268-4

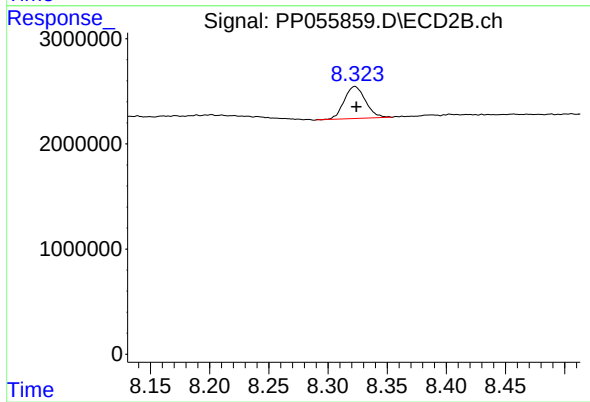
R.T.: 8.036 min
Delta R.T.: -0.001 min
Response: 11403914
Conc: 207.28 ng/ml



#45 AR-1268-5

R.T.: 9.735 min
Delta R.T.: 0.001 min
Response: 6716298
Conc: 8.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 3811515
Conc: 9.45 ng/ml