

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055860.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 15:27
 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 23 19:13:59 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	3.567	86403862	67861330	53.626	46.475
2)	SA Decachlor...	10.073	8.572	83750620	51412184	41.055	45.317
Target Compounds							
3)	L1 AR-1016-1	5.495	4.649	29966324	21384844	502.169	474.901
4)	L1 AR-1016-2	5.518	4.668	42603240	30622115	486.954	471.516
5)	L1 AR-1016-3	5.580	4.844	26630105	16666783	479.392	479.578
6)	L1 AR-1016-4	5.678	4.886	21359725	13889378	479.332	464.671
7)	L1 AR-1016-5	5.975	5.099	21751944	18619039	450.494	470.968
8)	L2 AR-1221-1	4.526	3.779	3109904	2434955	149.410	135.556
9)	L2 AR-1221-2	4.620	3.866	4664234	3444325	293.224	262.258
10)	L2 AR-1221-3	4.696	3.941	17576453	13460813	362.307	322.510
11)	L3 AR-1232-1	4.696	3.941	17576453	13460813	443.738	391.013
12)	L3 AR-1232-2	5.226	4.668	22878746	30622115	1101.452	1043.334
13)	L3 AR-1232-3	5.518	4.844	42603240	16666783	1081.202	1096.694
14)	L3 AR-1232-4	5.678	4.928	21359725	17271886	1090.355	1139.334
15)	L3 AR-1232-5	5.770	5.099	17607439	18619039	1100.926	1135.896
16)	L4 AR-1242-1	5.495	4.649	29966324	21384844	620.597	581.220
17)	L4 AR-1242-2	5.518	4.668	42603240	30622115	599.548	581.376
18)	L4 AR-1242-3	5.580	4.844	26630105	16666783	596.897	588.713
19)	L4 AR-1242-4	5.678	4.928	21359725	17271886	591.183	559.815
20)	L4 AR-1242-5	6.419	5.452	5944180	17592514	141.903	528.156 #
21)	L5 AR-1248-1	5.495	4.649	29966324	21384844	823.633	765.711
22)	L5 AR-1248-2	5.770	4.886	17607439	13889378	306.015	326.496
23)	L5 AR-1248-3	5.975	4.928	21751944	17271886	334.757	388.120
24)	L5 AR-1248-4	6.379	5.099	7227207	18619039	99.613	363.643 #
25)	L5 AR-1248-5	6.419	5.492	5944180	4696580	83.865	106.556 #
26)	L6 AR-1254-1	6.354	5.452	18567760	17592514	252.547	239.119
27)	L6 AR-1254-2	6.573	5.600	17721475	13343421	153.560	212.080 #
28)	L6 AR-1254-3	6.942	6.019	10255064	22174200	83.328	226.089 #
29)	L6 AR-1254-4	7.228	6.234	8668817	1708901	94.380	31.045 #
30)	L6 AR-1254-5	7.647	6.652	61366024	37827807	583.865	465.579
31)	L7 AR-1260-1	7.106	6.134	46772867	32511301	451.720	445.962
32)	L7 AR-1260-2	7.365	6.324	53337466	37017897	424.081	453.663
33)	L7 AR-1260-3	7.725	6.477	39478289	34240356	449.500	405.180
34)	L7 AR-1260-4	7.952	6.950	46852818	28283618	435.942	441.926
35)	L7 AR-1260-5	8.268	7.193	90877779	61410785	440.195	453.687
36)	L8 AR-1262-1	7.725	6.743	39478289	15020542	334.616	426.137 #
37)	L8 AR-1262-2	8.268	6.950	90877779	28283618	414.066	380.908
38)	L8 AR-1262-3	8.591	7.477	59305038	12843682	387.922	231.484 #
39)	L8 AR-1262-4	8.666	7.541	17406334	44126841	231.205	434.679 #
40)	L8 AR-1262-5	9.322	8.037	24792312	14260586	300.708	313.580
41)	L9 AR-1268-1	8.591	7.477	59305038	12843682	207.797	76.388 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055860.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 15:27
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

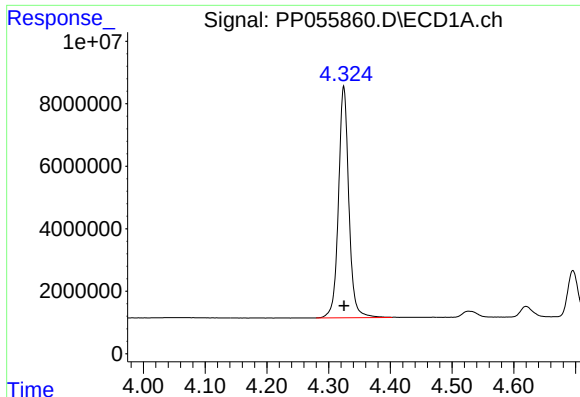
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:13:59 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
42) L9	AR-1268-2	8.666	7.541	17406334	44126841	65.283	288.485 #
43) L9	AR-1268-3	8.898	7.747	1079230	729747	4.586	5.318
44) L9	AR-1268-4	9.322	8.037	24792312	14260586	251.114	259.202
45) L9	AR-1268-5	9.734	8.323	6955454	4023917	9.239	9.976

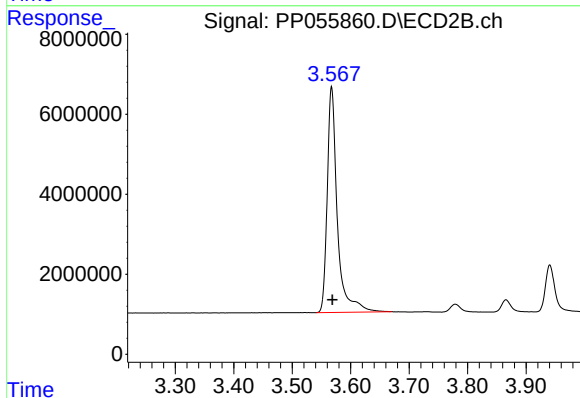
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

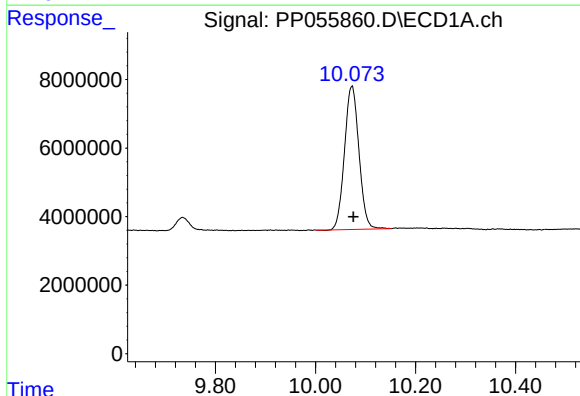
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 86403862
Conc: 53.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



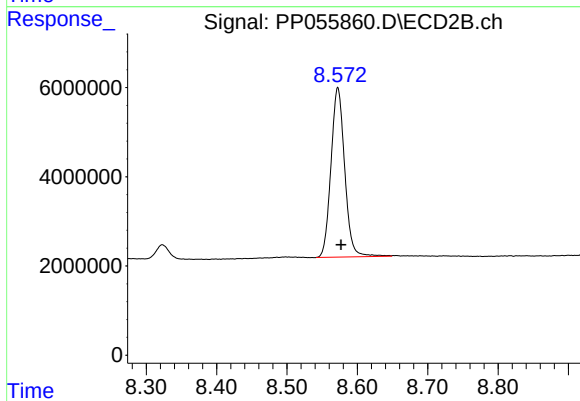
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: -0.001 min
Response: 67861330
Conc: 46.47 ng/ml



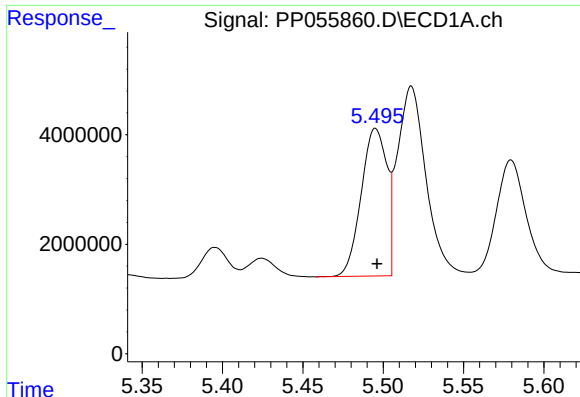
#2 Decachlorobiphenyl

R.T.: 10.073 min
Delta R.T.: -0.003 min
Response: 83750620
Conc: 41.06 ng/ml



#2 Decachlorobiphenyl

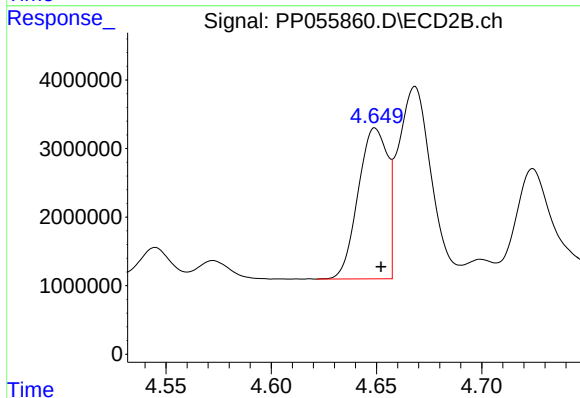
R.T.: 8.572 min
Delta R.T.: -0.004 min
Response: 51412184
Conc: 45.32 ng/ml



#3 AR-1016-1

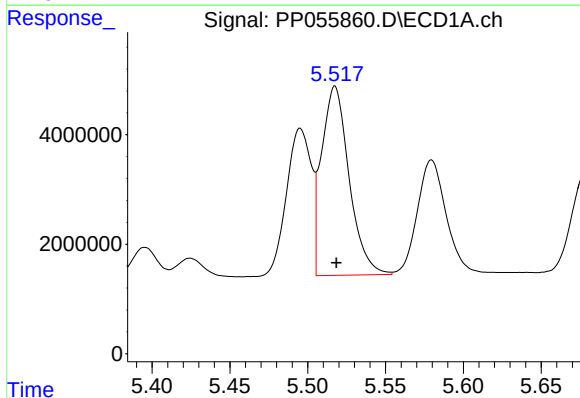
R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 29966324
Conc: 502.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



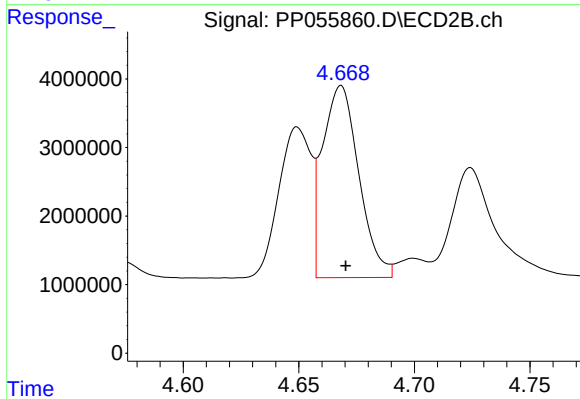
#3 AR-1016-1

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 21384844
Conc: 474.90 ng/ml



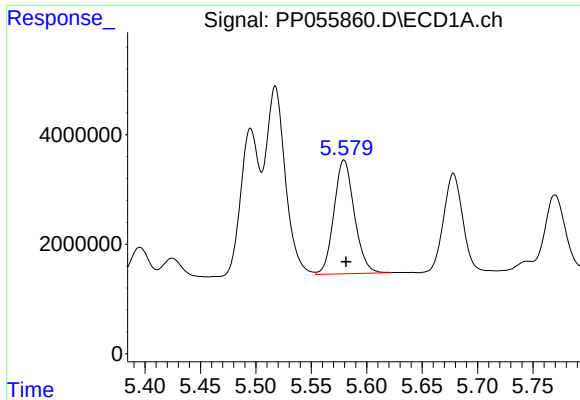
#4 AR-1016-2

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 42603240
Conc: 486.95 ng/ml



#4 AR-1016-2

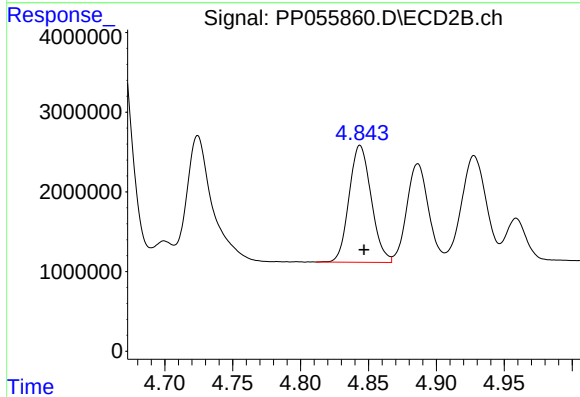
R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 30622115
Conc: 471.52 ng/ml



#5 AR-1016-3

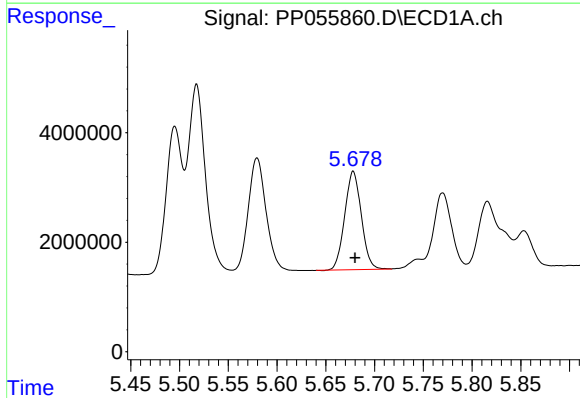
R.T.: 5.580 min
Delta R.T.: -0.002 min
Response: 26630105
Conc: 479.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



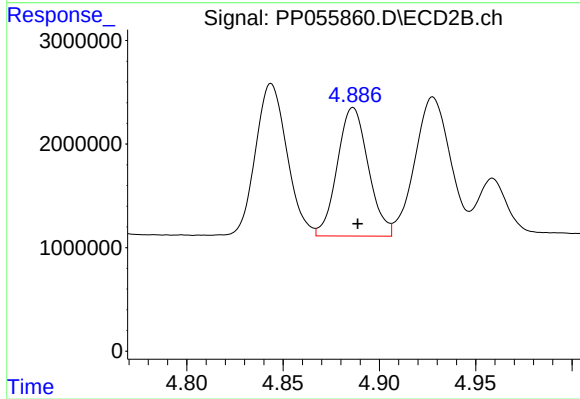
#5 AR-1016-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 16666783
Conc: 479.58 ng/ml



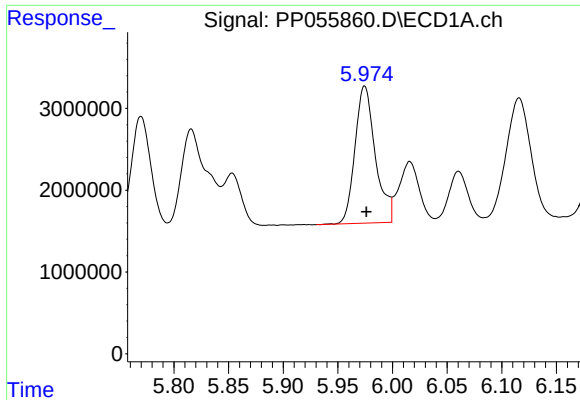
#6 AR-1016-4

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 21359725
Conc: 479.33 ng/ml



#6 AR-1016-4

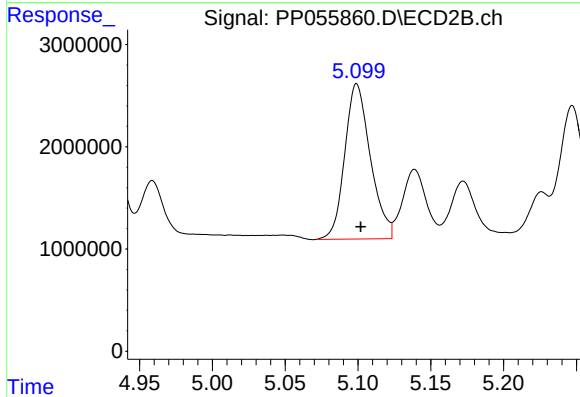
R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 13889378
Conc: 464.67 ng/ml



#7 AR-1016-5

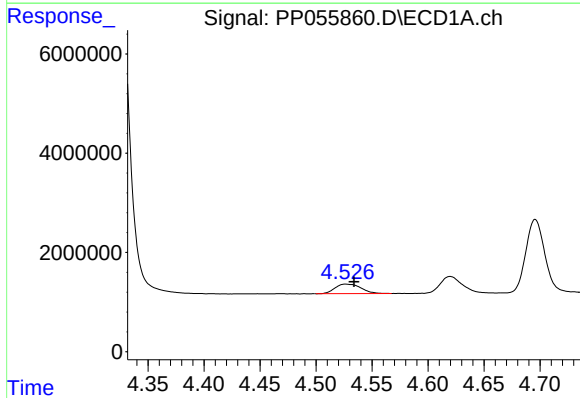
R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 21751944
Conc: 450.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



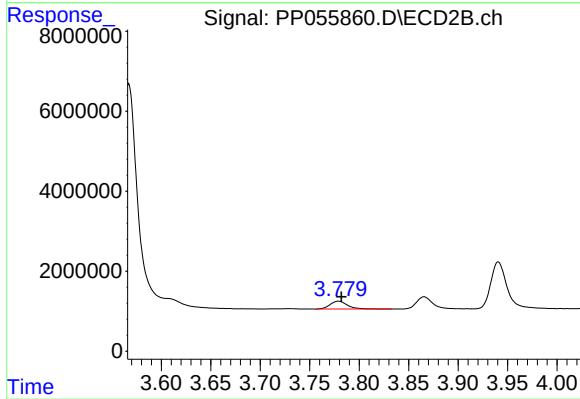
#7 AR-1016-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 18619039
Conc: 470.97 ng/ml



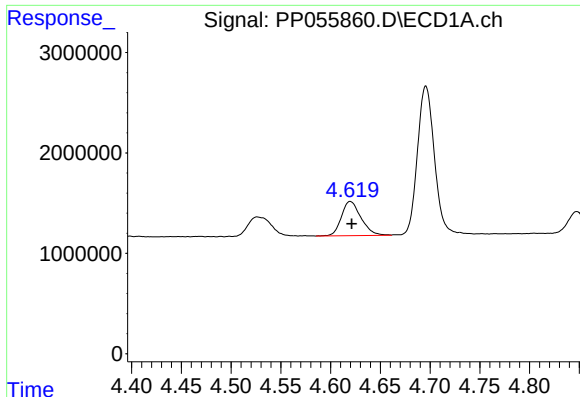
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: -0.008 min
Response: 3109904
Conc: 149.41 ng/ml



#8 AR-1221-1

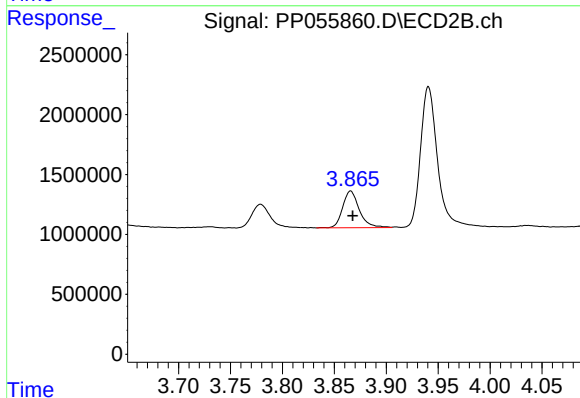
R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 2434955
Conc: 135.56 ng/ml



#9 AR-1221-2

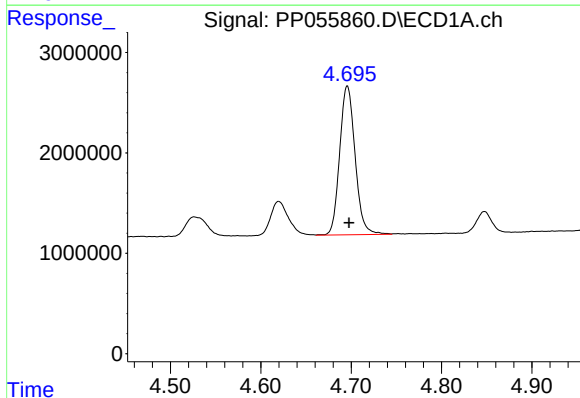
R.T.: 4.620 min
Delta R.T.: -0.001 min
Response: 4664234
Conc: 293.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



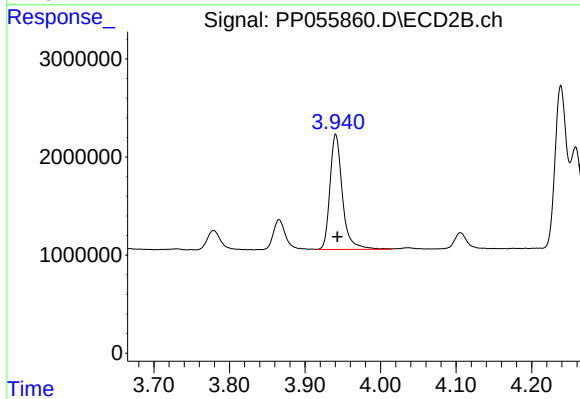
#9 AR-1221-2

R.T.: 3.866 min
Delta R.T.: -0.002 min
Response: 3444325
Conc: 262.26 ng/ml



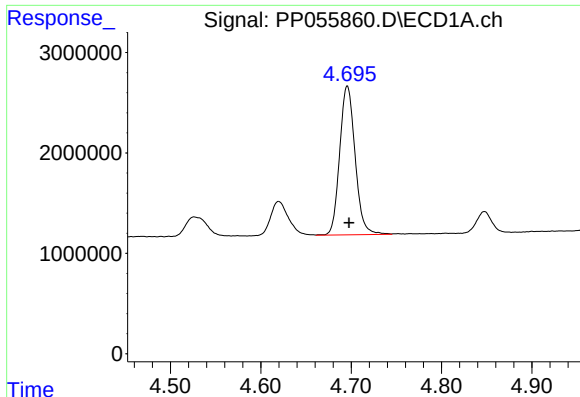
#10 AR-1221-3

R.T.: 4.696 min
Delta R.T.: -0.002 min
Response: 17576453
Conc: 362.31 ng/ml



#10 AR-1221-3

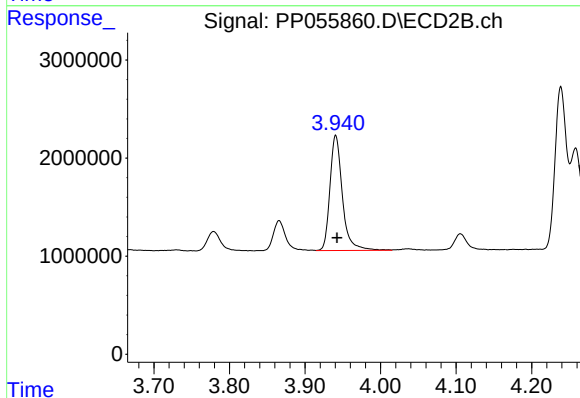
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 13460813
Conc: 322.51 ng/ml



#11 AR-1232-1

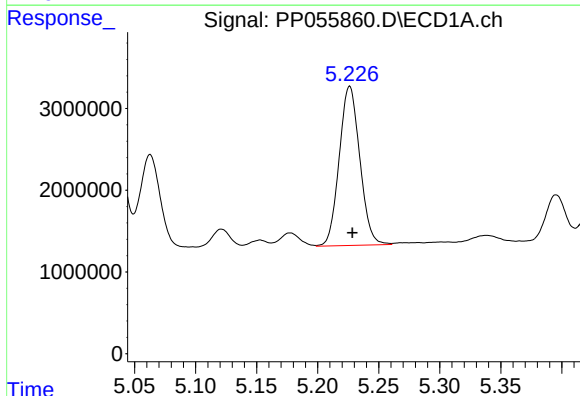
R.T.: 4.696 min
Delta R.T.: -0.002 min
Response: 17576453
Conc: 443.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



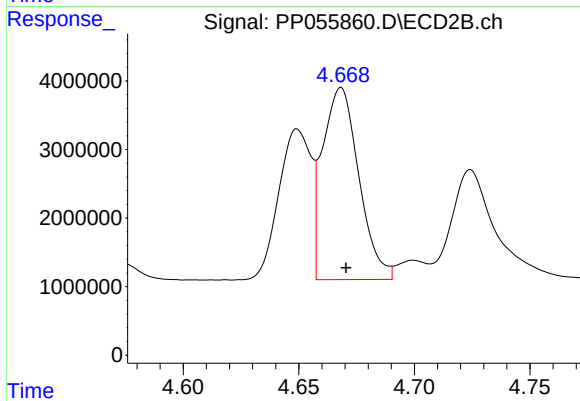
#11 AR-1232-1

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 13460813
Conc: 391.01 ng/ml



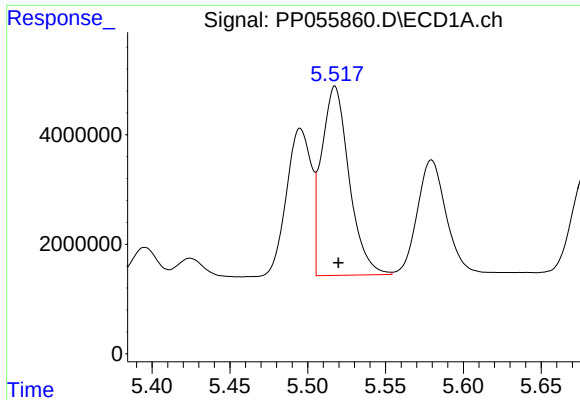
#12 AR-1232-2

R.T.: 5.226 min
Delta R.T.: -0.002 min
Response: 22878746
Conc: 1101.45 ng/ml



#12 AR-1232-2

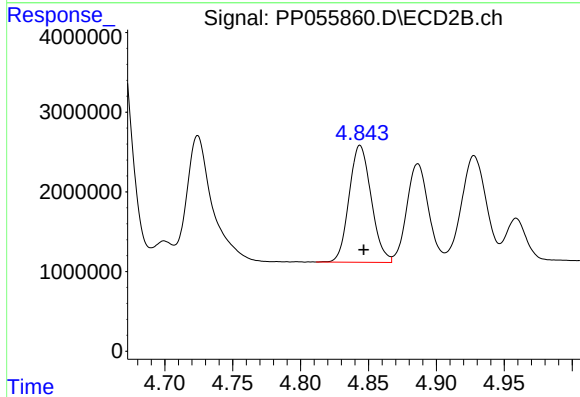
R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 30622115
Conc: 1043.33 ng/ml



#13 AR-1232-3

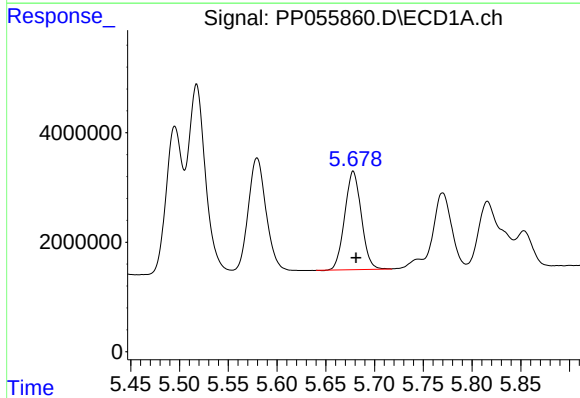
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 42603240
Conc: 1081.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



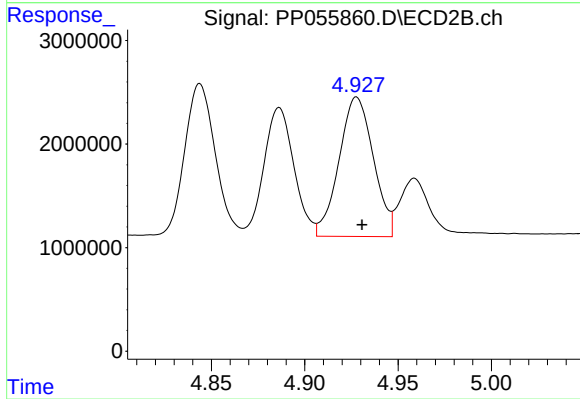
#13 AR-1232-3

R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 16666783
Conc: 1096.69 ng/ml



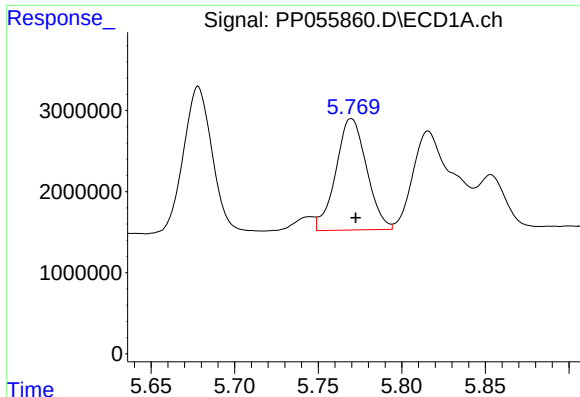
#14 AR-1232-4

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 21359725
Conc: 1090.36 ng/ml



#14 AR-1232-4

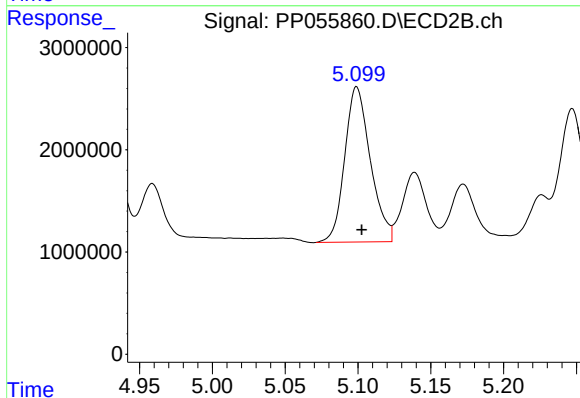
R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 17271886
Conc: 1139.33 ng/ml



#15 AR-1232-5

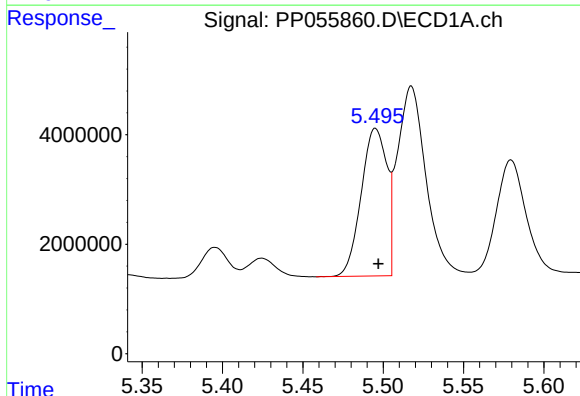
R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 17607439
Conc: 1100.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



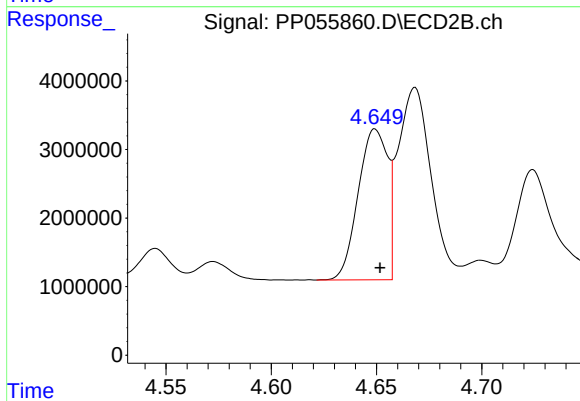
#15 AR-1232-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 18619039
Conc: 1135.90 ng/ml



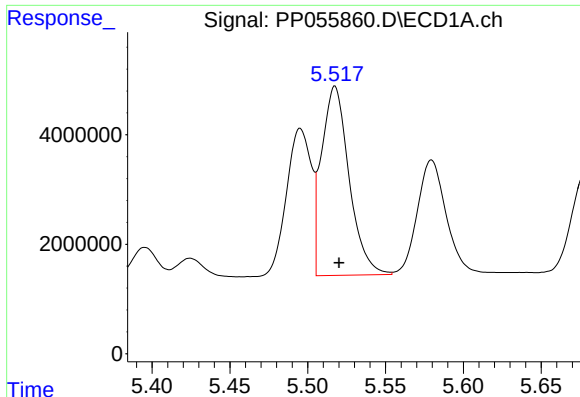
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: -0.002 min
Response: 29966324
Conc: 620.60 ng/ml



#16 AR-1242-1

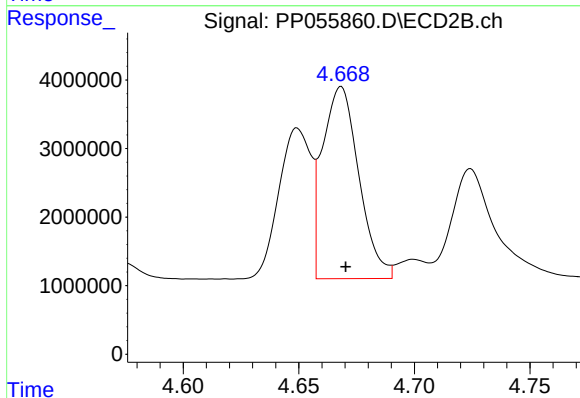
R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 21384844
Conc: 581.22 ng/ml



#17 AR-1242-2

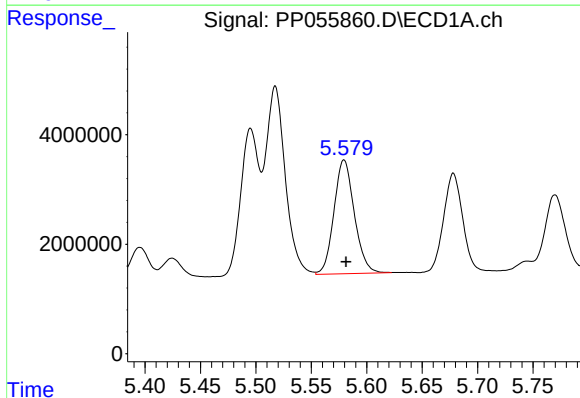
R.T.: 5.518 min
Delta R.T.: -0.003 min
Response: 42603240
Conc: 599.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



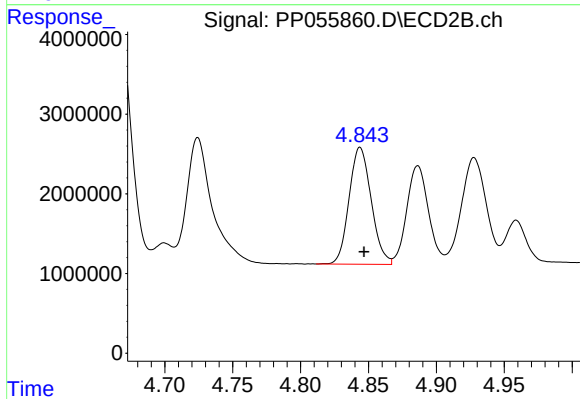
#17 AR-1242-2

R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 30622115
Conc: 581.38 ng/ml



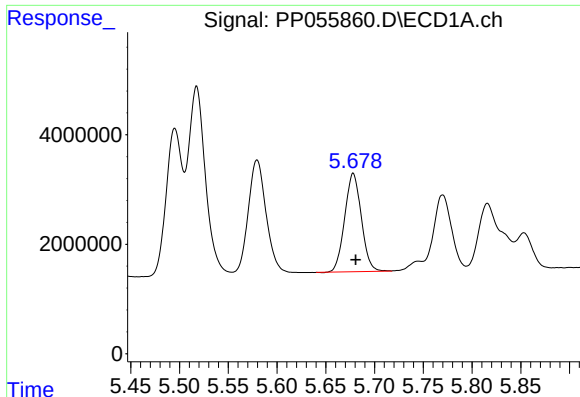
#18 AR-1242-3

R.T.: 5.580 min
Delta R.T.: -0.002 min
Response: 26630105
Conc: 596.90 ng/ml



#18 AR-1242-3

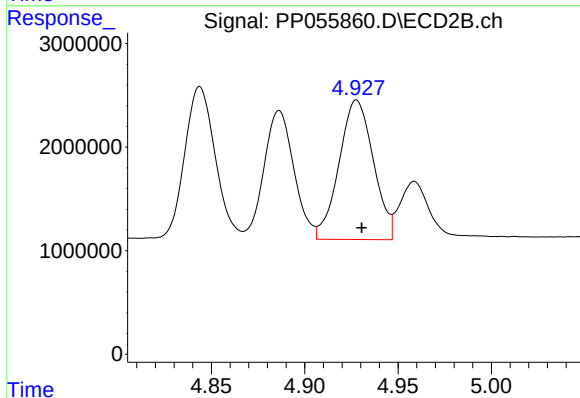
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 16666783
Conc: 588.71 ng/ml



#19 AR-1242-4

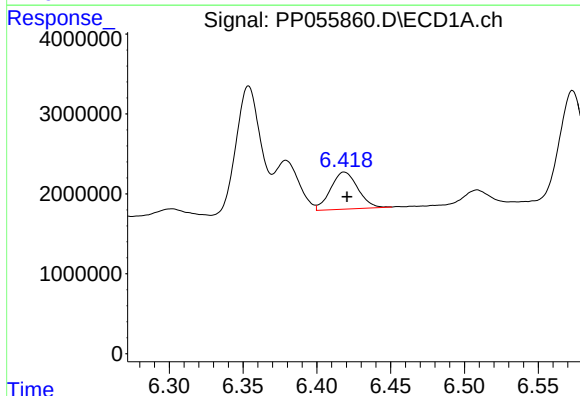
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 21359725
Conc: 591.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



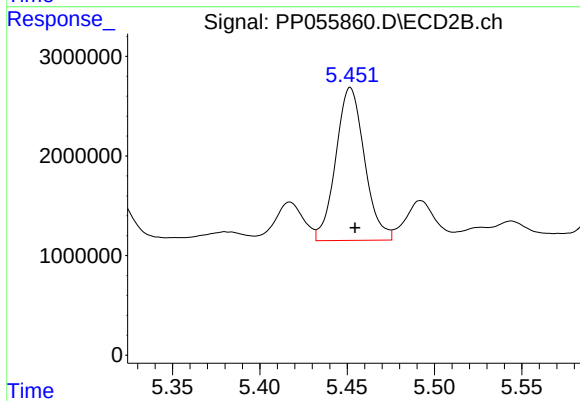
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 17271886
Conc: 559.81 ng/ml



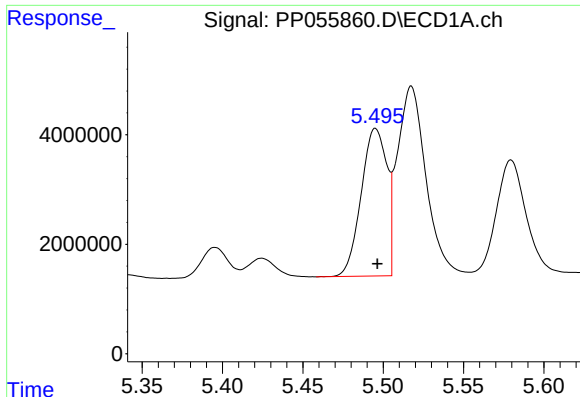
#20 AR-1242-5

R.T.: 6.419 min
Delta R.T.: -0.002 min
Response: 5944180
Conc: 141.90 ng/ml



#20 AR-1242-5

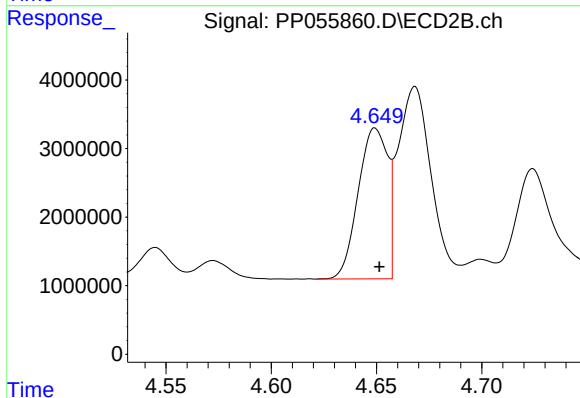
R.T.: 5.452 min
Delta R.T.: -0.003 min
Response: 17592514
Conc: 528.16 ng/ml



#21 AR-1248-1

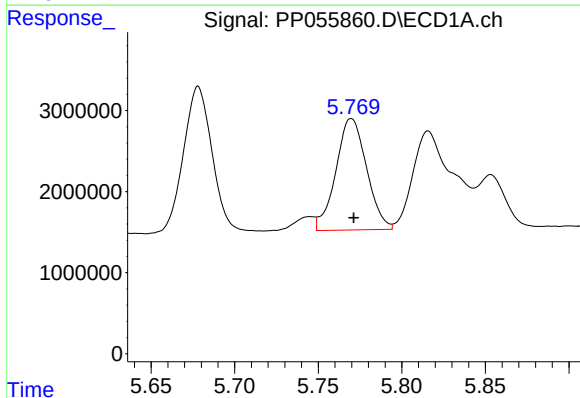
R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 29966324
Conc: 823.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



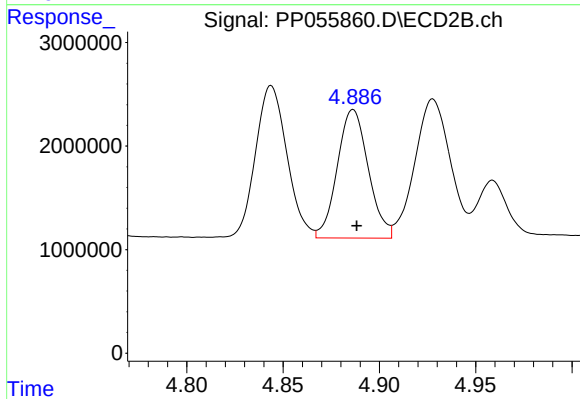
#21 AR-1248-1

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 21384844
Conc: 765.71 ng/ml



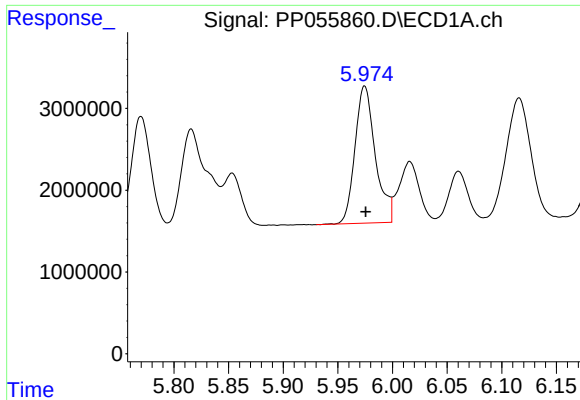
#22 AR-1248-2

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 17607439
Conc: 306.01 ng/ml



#22 AR-1248-2

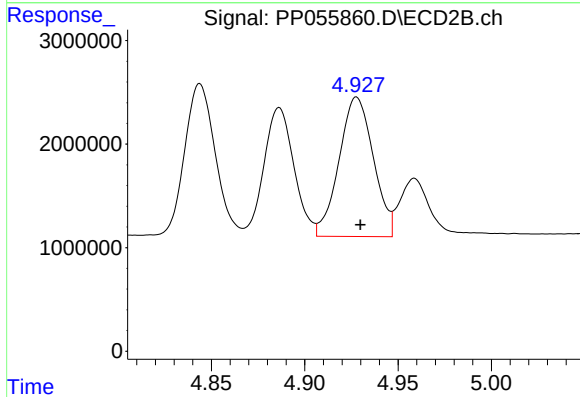
R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 13889378
Conc: 326.50 ng/ml



#23 AR-1248-3

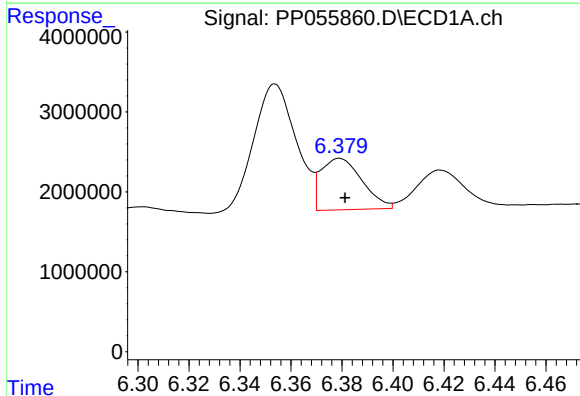
R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 21751944
Conc: 334.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



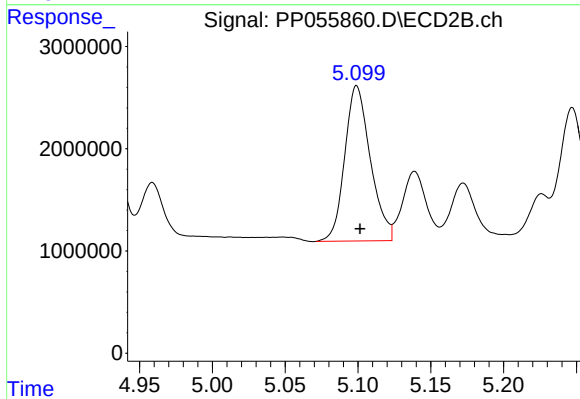
#23 AR-1248-3

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 17271886
Conc: 388.12 ng/ml



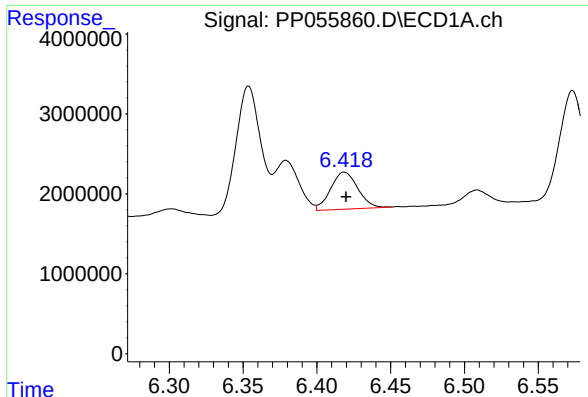
#24 AR-1248-4

R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 7227207
Conc: 99.61 ng/ml



#24 AR-1248-4

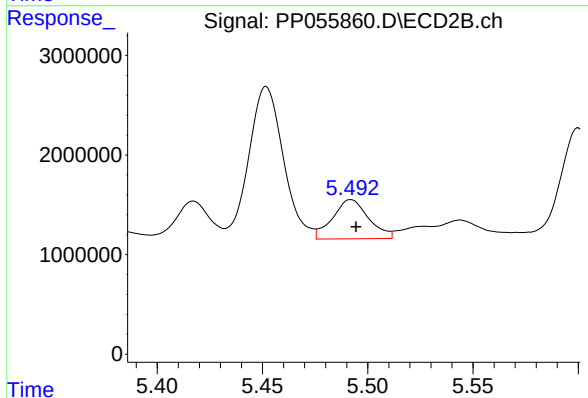
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 18619039
Conc: 363.64 ng/ml



#25 AR-1248-5

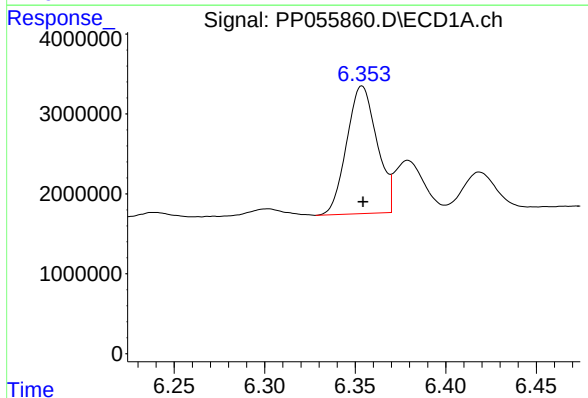
R.T.: 6.419 min
Delta R.T.: -0.001 min
Response: 5944180
Conc: 83.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



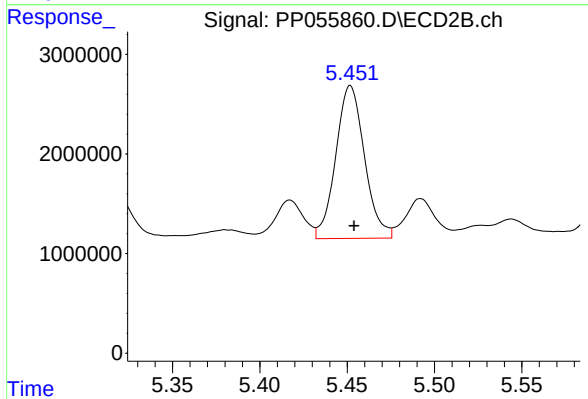
#25 AR-1248-5

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 4696580
Conc: 106.56 ng/ml



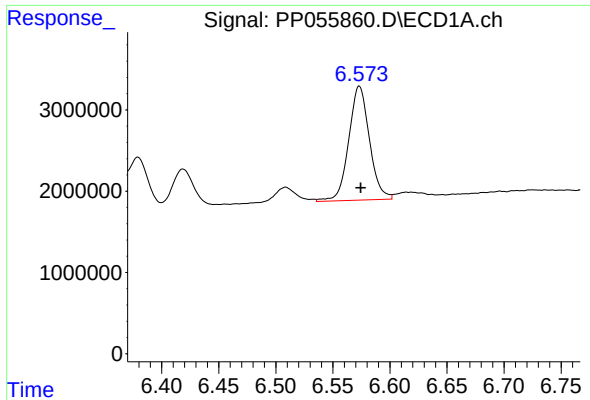
#26 AR-1254-1

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 18567760
Conc: 252.55 ng/ml



#26 AR-1254-1

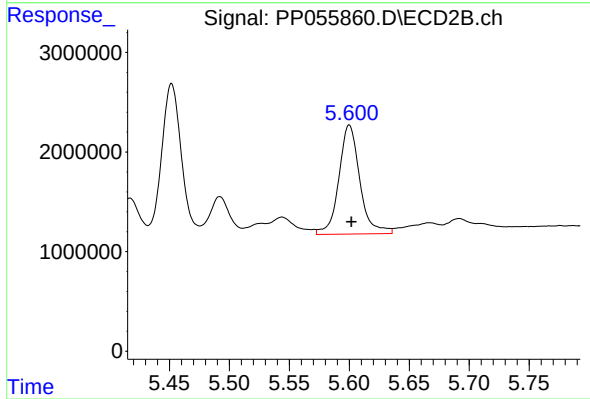
R.T.: 5.452 min
Delta R.T.: -0.002 min
Response: 17592514
Conc: 239.12 ng/ml



#27 AR-1254-2

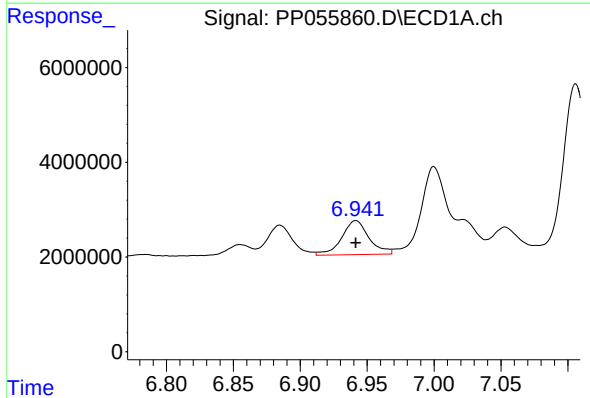
R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 17721475
Conc: 153.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



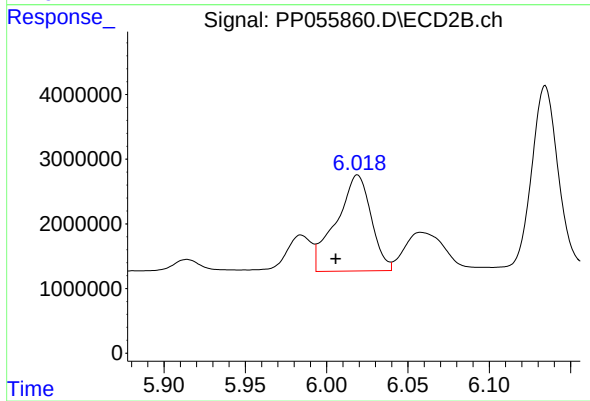
#27 AR-1254-2

R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 13343421
Conc: 212.08 ng/ml



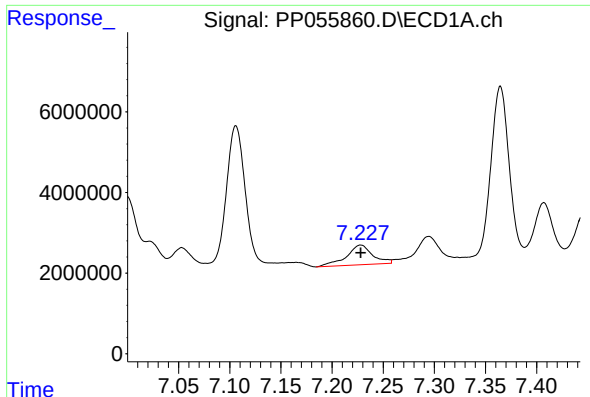
#28 AR-1254-3

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 10255064
Conc: 83.33 ng/ml



#28 AR-1254-3

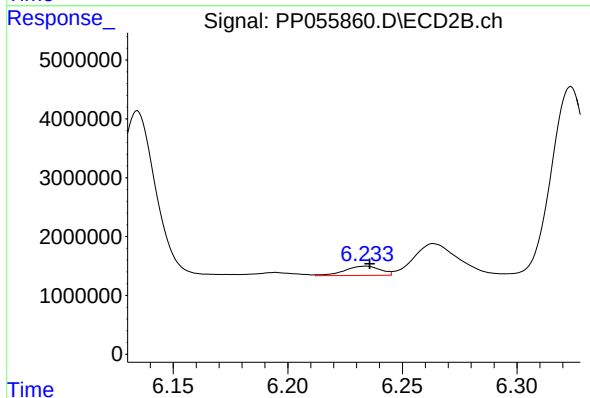
R.T.: 6.019 min
Delta R.T.: 0.013 min
Response: 22174200
Conc: 226.09 ng/ml



#29 AR-1254-4

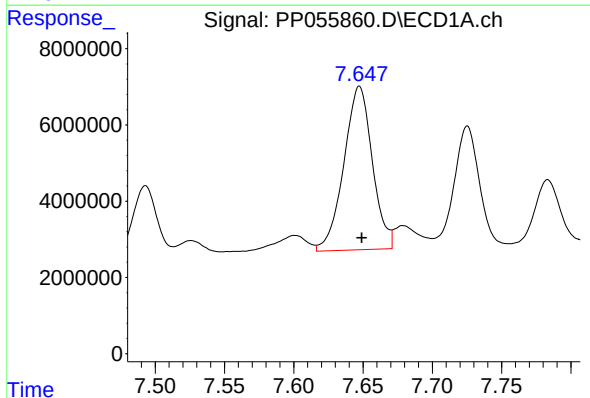
R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 8668817
Conc: 94.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



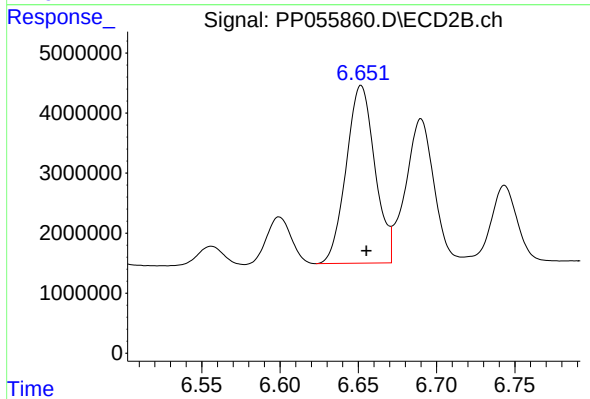
#29 AR-1254-4

R.T.: 6.234 min
Delta R.T.: -0.002 min
Response: 1708901
Conc: 31.04 ng/ml



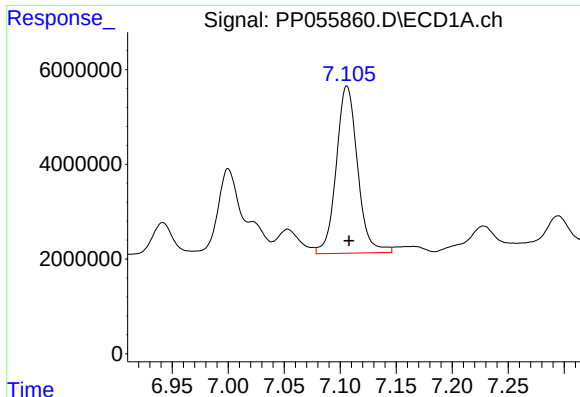
#30 AR-1254-5

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 61366024
Conc: 583.86 ng/ml



#30 AR-1254-5

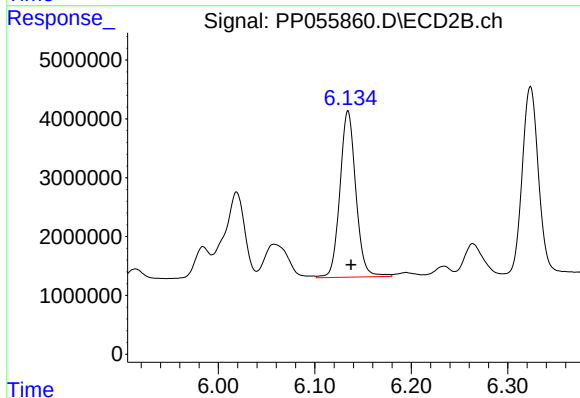
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 37827807
Conc: 465.58 ng/ml



#31 AR-1260-1

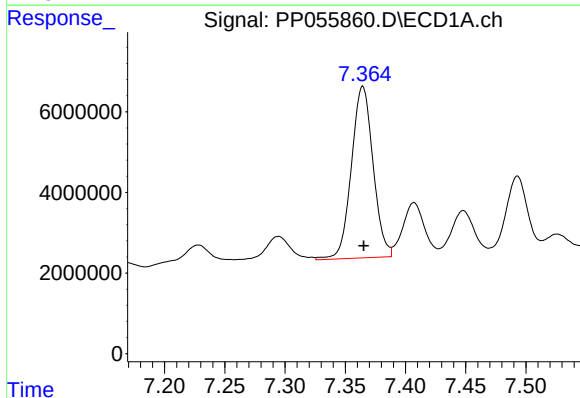
R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 46772867
Conc: 451.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



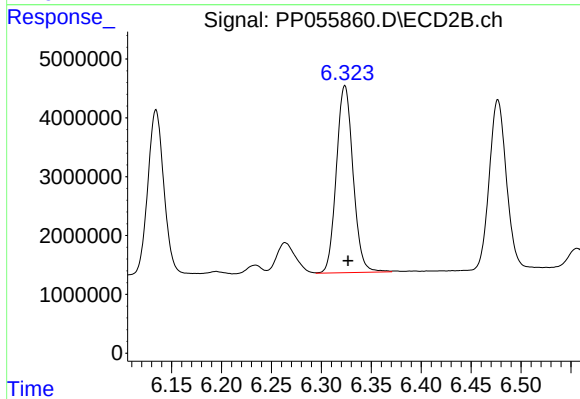
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 32511301
Conc: 445.96 ng/ml



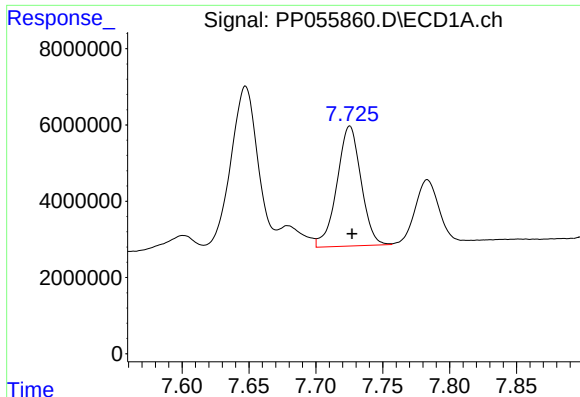
#32 AR-1260-2

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 53337466
Conc: 424.08 ng/ml



#32 AR-1260-2

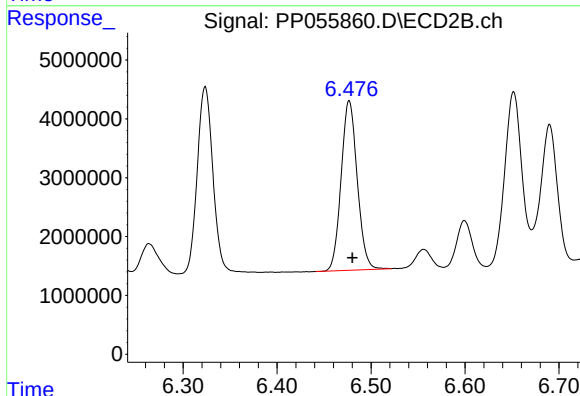
R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 37017897
Conc: 453.66 ng/ml



#33 AR-1260-3

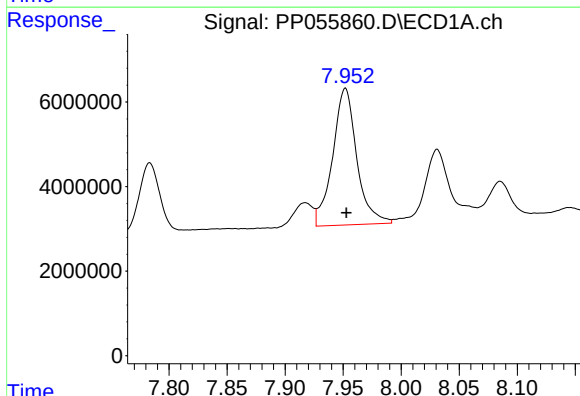
R.T.: 7.725 min
Delta R.T.: -0.002 min
Response: 39478289
Conc: 449.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



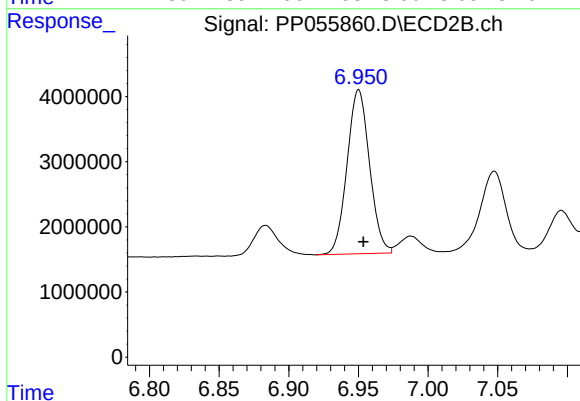
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 34240356
Conc: 405.18 ng/ml



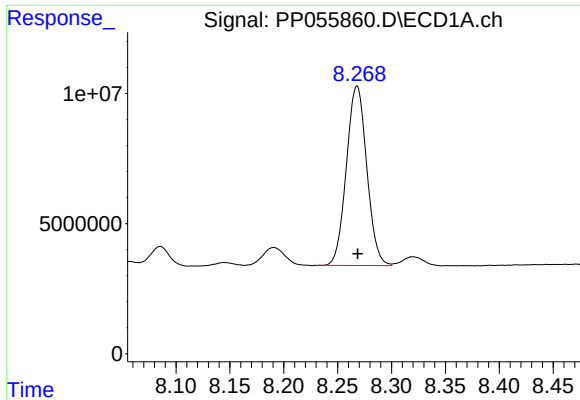
#34 AR-1260-4

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 46852818
Conc: 435.94 ng/ml



#34 AR-1260-4

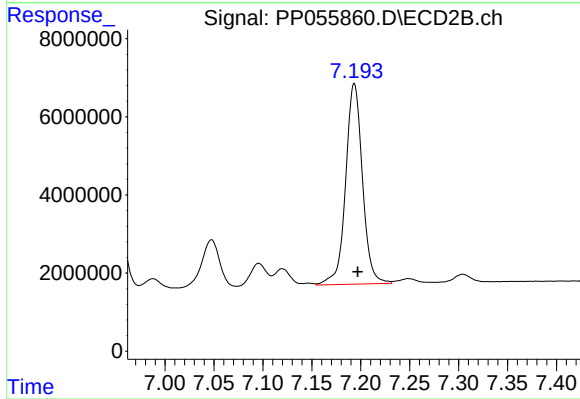
R.T.: 6.950 min
Delta R.T.: -0.004 min
Response: 28283618
Conc: 441.93 ng/ml



#35 AR-1260-5

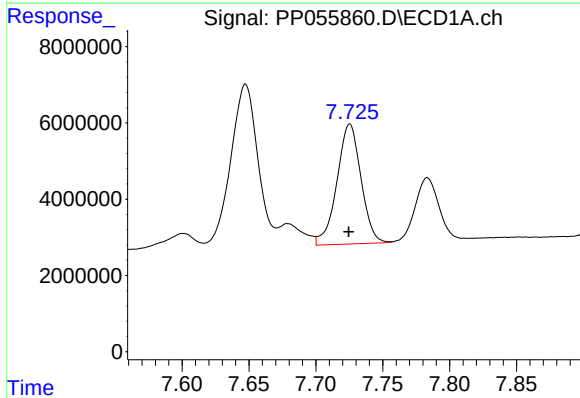
R.T.: 8.268 min
Delta R.T.: 0.000 min
Response: 90877779
Conc: 440.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



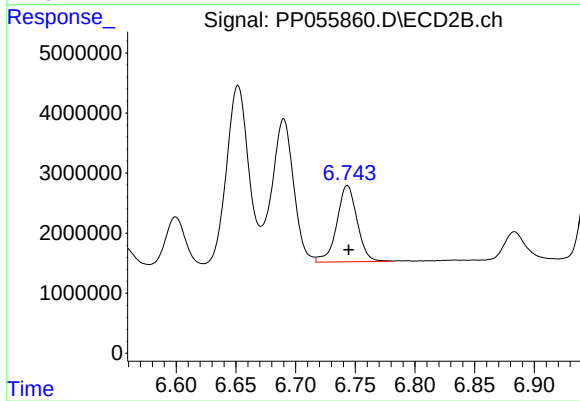
#35 AR-1260-5

R.T.: 7.193 min
Delta R.T.: -0.003 min
Response: 61410785
Conc: 453.69 ng/ml



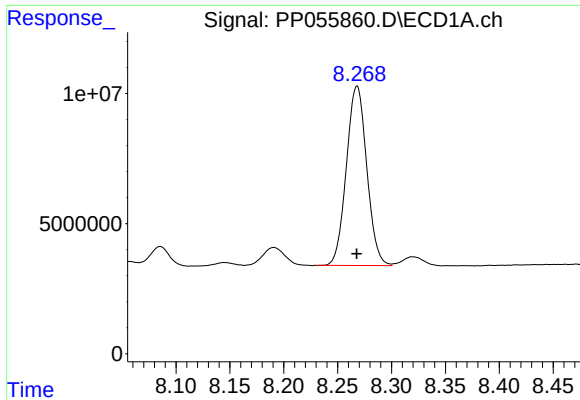
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 39478289
Conc: 334.62 ng/ml



#36 AR-1262-1

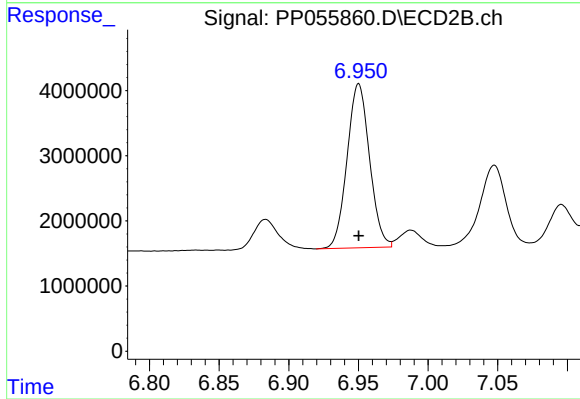
R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 15020542
Conc: 426.14 ng/ml



#37 AR-1262-2

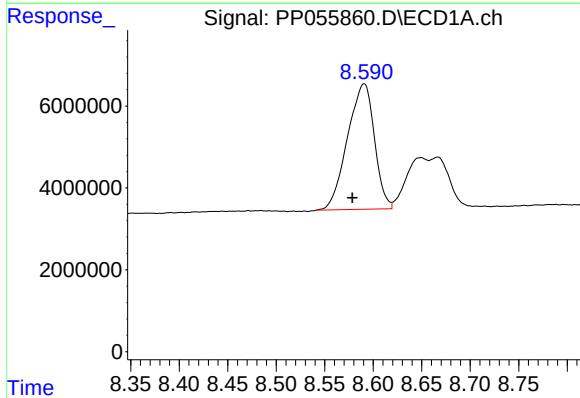
R.T.: 8.268 min
Delta R.T.: 0.000 min
Response: 90877779
Conc: 414.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



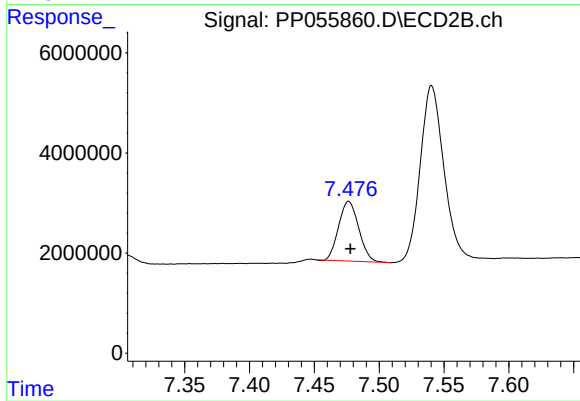
#37 AR-1262-2

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 28283618
Conc: 380.91 ng/ml



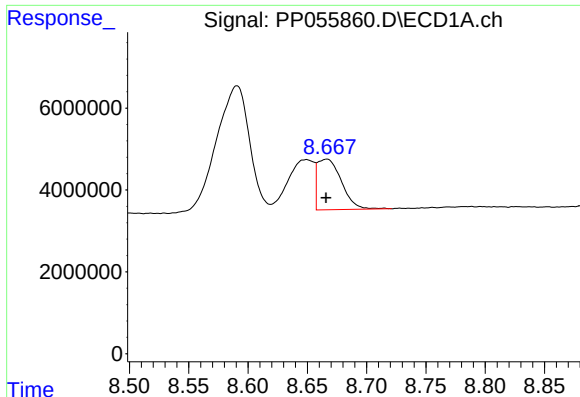
#38 AR-1262-3

R.T.: 8.591 min
Delta R.T.: 0.012 min
Response: 59305038
Conc: 387.92 ng/ml



#38 AR-1262-3

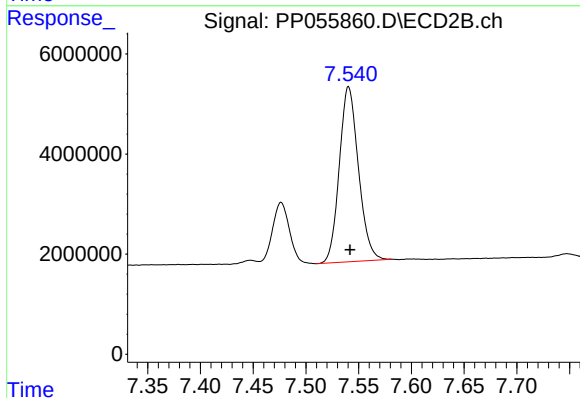
R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 12843682
Conc: 231.48 ng/ml



#39 AR-1262-4

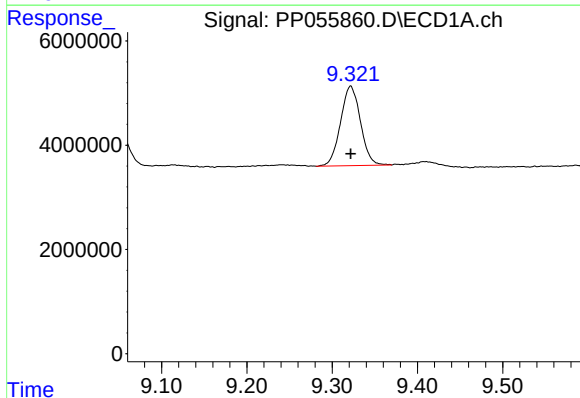
R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 17406334
Conc: 231.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



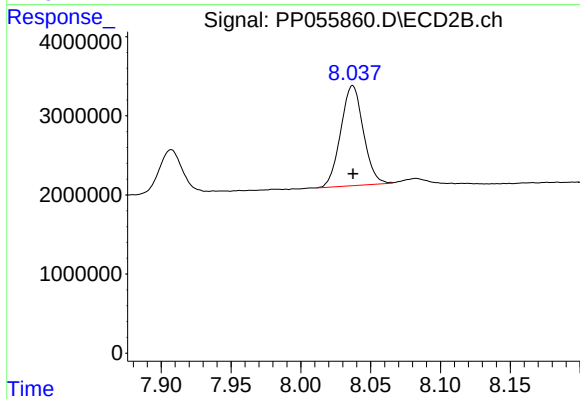
#39 AR-1262-4

R.T.: 7.541 min
Delta R.T.: -0.002 min
Response: 44126841
Conc: 434.68 ng/ml



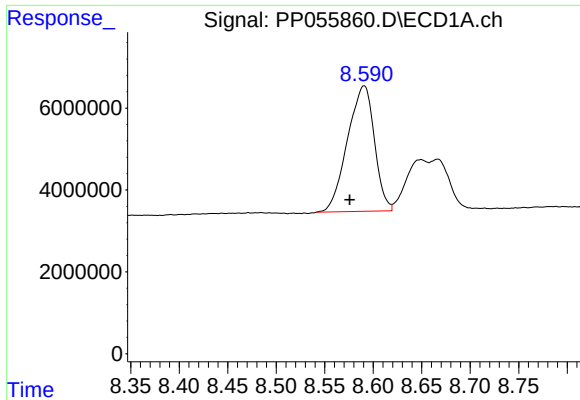
#40 AR-1262-5

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 24792312
Conc: 300.71 ng/ml



#40 AR-1262-5

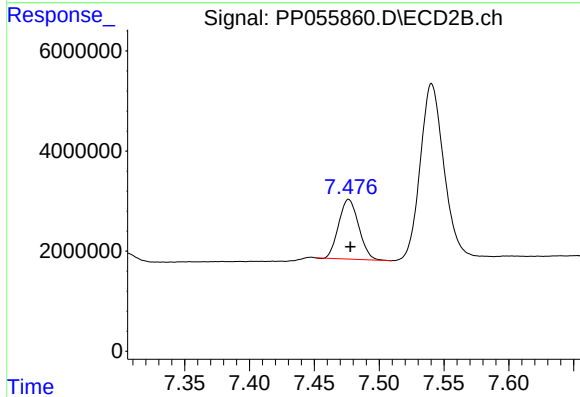
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 14260586
Conc: 313.58 ng/ml



#41 AR-1268-1

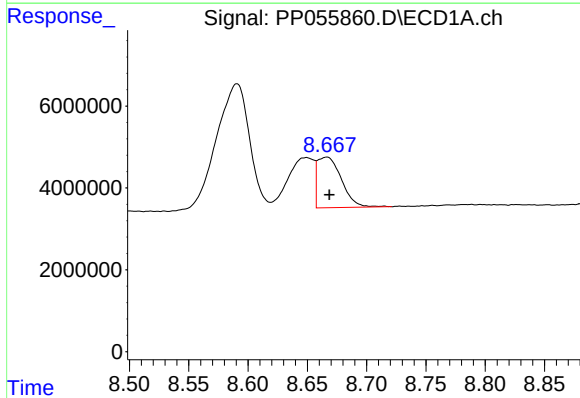
R.T.: 8.591 min
Delta R.T.: 0.015 min
Response: 59305038
Conc: 207.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



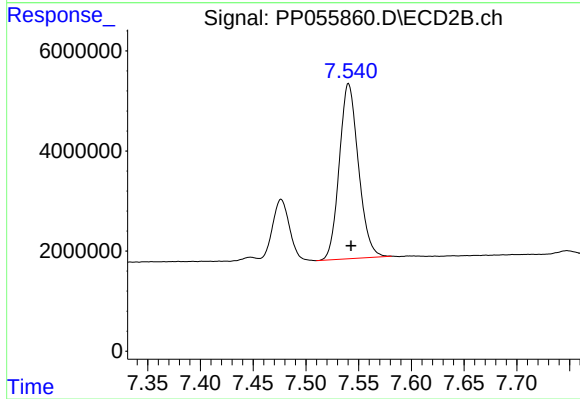
#41 AR-1268-1

R.T.: 7.477 min
Delta R.T.: -0.001 min
Response: 12843682
Conc: 76.39 ng/ml



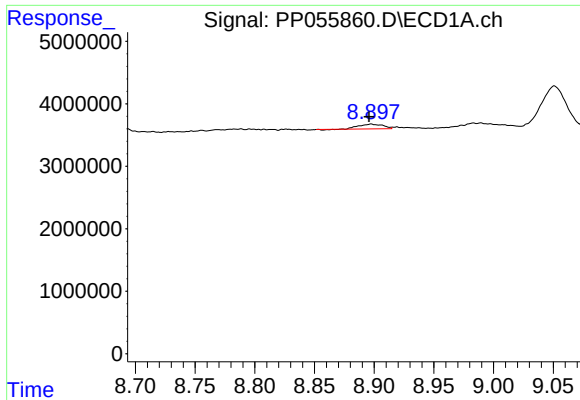
#42 AR-1268-2

R.T.: 8.666 min
Delta R.T.: -0.002 min
Response: 17406334
Conc: 65.28 ng/ml



#42 AR-1268-2

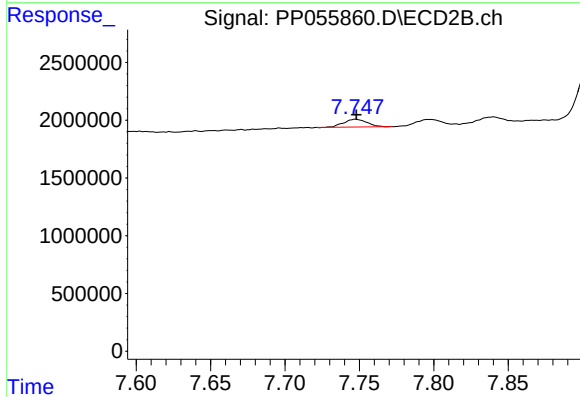
R.T.: 7.541 min
Delta R.T.: -0.002 min
Response: 44126841
Conc: 288.49 ng/ml



#43 AR-1268-3

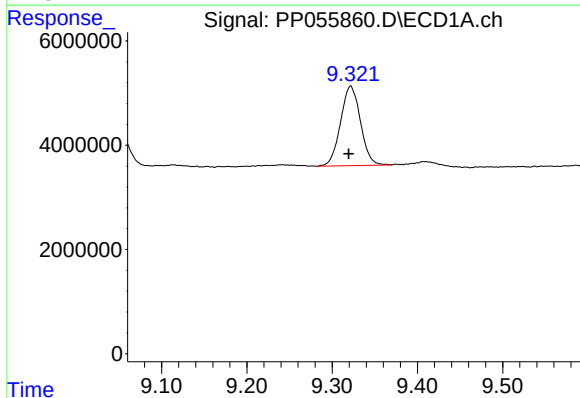
R.T.: 8.898 min
Delta R.T.: 0.002 min
Response: 1079230
Conc: 4.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



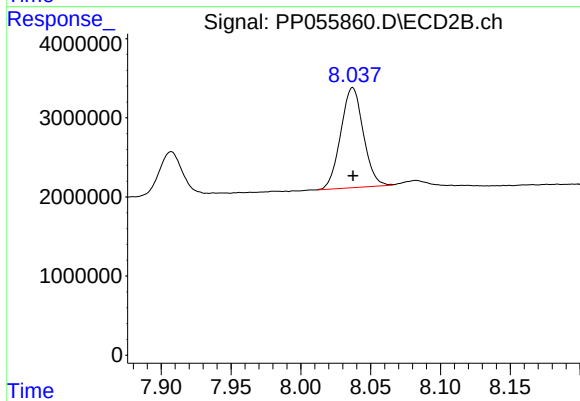
#43 AR-1268-3

R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 729747
Conc: 5.32 ng/ml



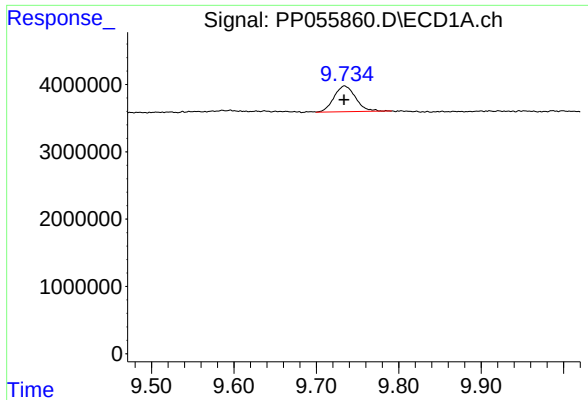
#44 AR-1268-4

R.T.: 9.322 min
Delta R.T.: 0.002 min
Response: 24792312
Conc: 251.11 ng/ml



#44 AR-1268-4

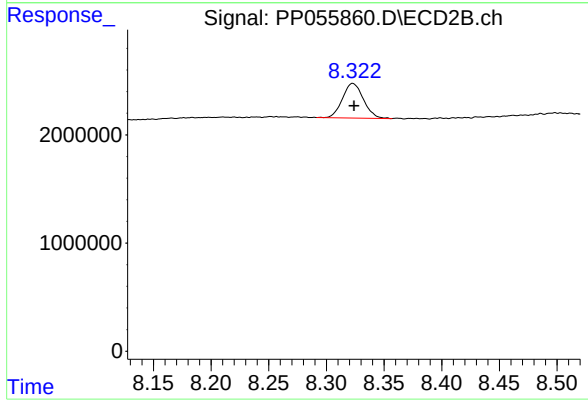
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 14260586
Conc: 259.20 ng/ml



#45 AR-1268-5

R.T.: 9.734 min
Delta R.T.: 0.000 min
Response: 6955454
Conc: 9.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 4023917
Conc: 9.98 ng/ml