

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP050123\
 Data File : PP057341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2023 19:57
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:59:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 18:39:24 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...	4.414	3.641	117.6E6	87786297	49.917	49.513
2)	SA Decachlor...	10.257	8.713	76074892	94497254	46.113	48.153
Target Compounds							
3)	L1 AR-1016-1	5.593	4.741	31228810	28367496	468.714	469.566
4)	L1 AR-1016-2	5.615	4.759	45494606	39794405	468.190	472.855
5)	L1 AR-1016-3	5.678	4.938	28683216	22534456	472.808	483.771
6)	L1 AR-1016-4	5.777	4.980	23098842	20282969	477.016	486.316
7)	L1 AR-1016-5	6.075	5.196	25739185	26061963	478.078	487.259
8)	L2 AR-1221-1	4.620	3.856	4073139	3218983	141.199	147.184
9)	L2 AR-1221-2	4.711	3.944	5870648	4607553	276.858	284.636
10)	L2 AR-1221-3	4.788	4.021	20412238	17079314	326.647	347.240
11)	L3 AR-1232-1	4.788	4.021	20412238	17079314	390.099	412.385
12)	L3 AR-1232-2	5.324	4.759	27836505	39794405	1044.067	1023.679
13)	L3 AR-1232-3	5.615	4.938	45494606	22534456	1025.752	1119.651
14)	L3 AR-1232-4	5.777	5.023	23098842	24764866	1045.034	1440.100 #
15)	L3 AR-1232-5	5.869	5.196	23220074	26061963	1107.653	1138.371
16)	L4 AR-1242-1	5.593	4.741	31228810	28367496	578.068	575.730
17)	L4 AR-1242-2	5.615	4.759	45494606	39794405	578.185	581.493
18)	L4 AR-1242-3	5.678	4.938	28683216	22534456	583.717	590.993
19)	L4 AR-1242-4	5.777	5.023	23098842	24764866	588.603	581.667
20)	L4 AR-1242-5	6.521	5.552	5674330	25631653	165.319	539.000 #
21)	L5 AR-1248-1	5.593	4.741	31228810	28367496	759.080	758.226
22)	L5 AR-1248-2	5.869	4.980	23220074	20282969	338.031	337.891
23)	L5 AR-1248-3	6.075	5.023	25739185	24764866	356.462	397.314
24)	L5 AR-1248-4	6.482	5.196	6618094	26061963	107.460	362.459 #
25)	L5 AR-1248-5	6.521	5.593	5674330	5565152	95.782	89.947
26)	L6 AR-1254-1	6.456	5.552	21546900	25631653	267.491	237.679
27)	L6 AR-1254-2	6.675	5.701	18185421	18923862	156.889	197.386 #
28)	L6 AR-1254-3	7.045	6.123	7494974	36274589	68.442	241.232 #
29)	L6 AR-1254-4	7.333	6.338	5145816	2140884	81.318	27.094 #
30)	L6 AR-1254-5	7.754	6.759	47483947	61573839	632.896	484.779
31)	L7 AR-1260-1	7.211	6.239	47204888	54620406	482.010	478.600
32)	L7 AR-1260-2	7.469	6.428	46048859	60696575	454.291	467.702
33)	L7 AR-1260-3	7.833	6.584	37865523	59599269	467.185	478.086
34)	L7 AR-1260-4	8.060	7.059	43074721	50122269	457.298	479.684
35)	L7 AR-1260-5	8.385	7.302	68165773	97823251	433.435	461.277
36)	L8 AR-1262-1	7.833	6.851	37865523	28329497	361.612	467.868 #
37)	L8 AR-1262-2	8.385	7.059	68165773	50122269	456.346	403.383
38)	L8 AR-1262-3	8.717	7.588	40585707	25466479	389.006	267.293 #
39)	L8 AR-1262-4	8.798	7.651	12742332	73129801	170.964	456.162 #
40)	L8 AR-1262-5	9.474	8.150	16804582	24676072	356.784	355.973
41)	L9 AR-1268-1	8.717	7.588	40585707	25466479	193.547	89.830 #

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 ALS Vial : 5 Sample Multiplier: 1

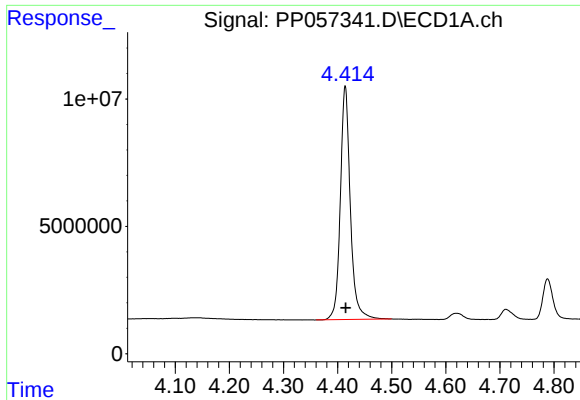
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:59:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050123.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	8.798	7.651	12742332	73129801	79.191	290.596 #
43) L9	AR-1268-3	9.036	7.860	1063552	1670603	5.797	7.267 #
44) L9	AR-1268-4	9.474	8.150	16804582	24676072	320.883	311.380
45) L9	AR-1268-5	9.905	8.450	6194448	7931681	12.404	13.079

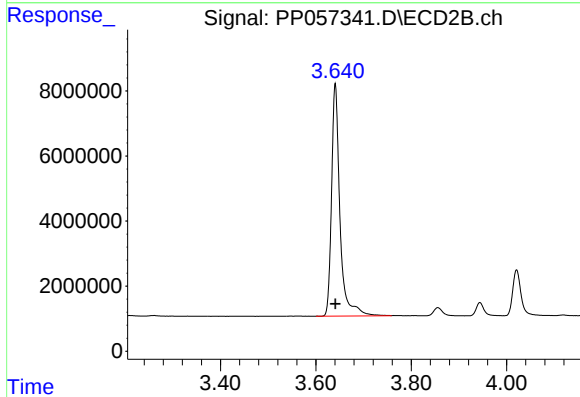
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

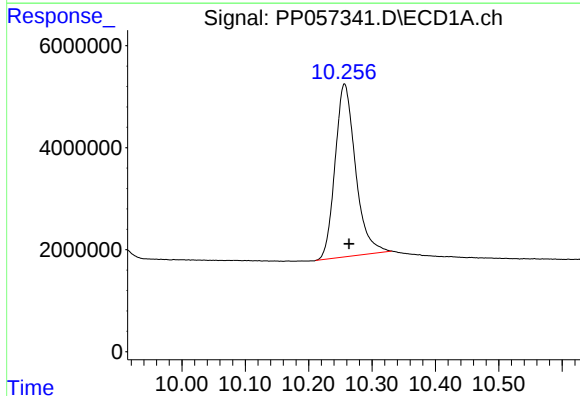
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 117555977
Conc: 49.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



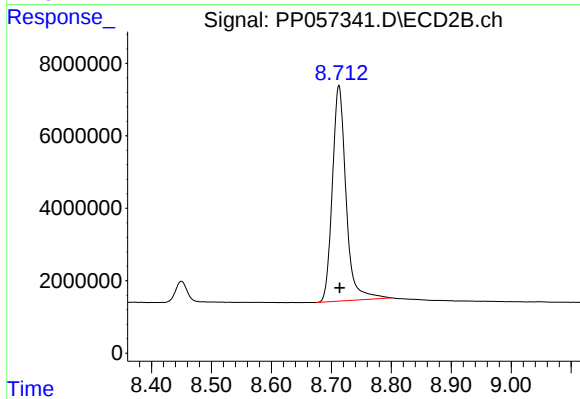
#1 Tetrachloro-m-xylene

R.T.: 3.641 min
Delta R.T.: 0.000 min
Response: 87786297
Conc: 49.51 ng/ml



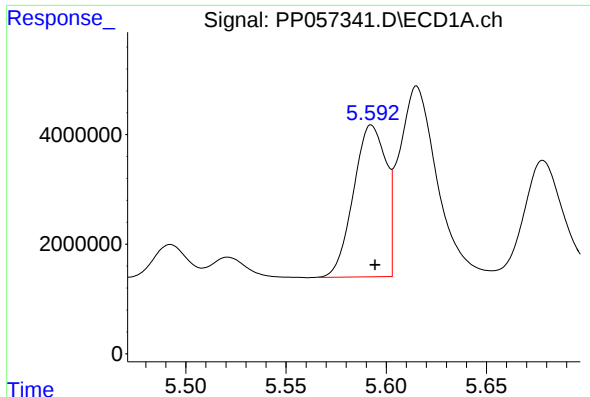
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.007 min
Response: 76074892
Conc: 46.11 ng/ml



#2 Decachlorobiphenyl

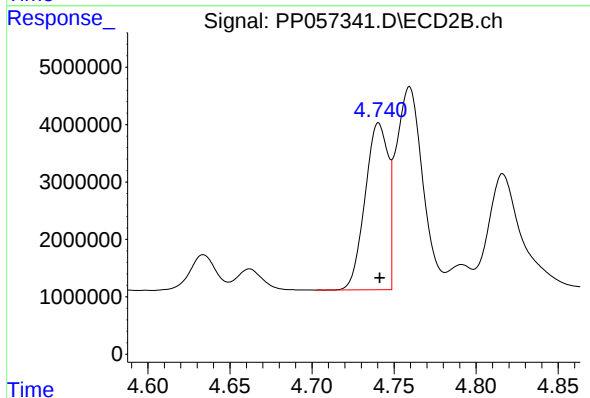
R.T.: 8.713 min
Delta R.T.: -0.001 min
Response: 94497254
Conc: 48.15 ng/ml



#3 AR-1016-1

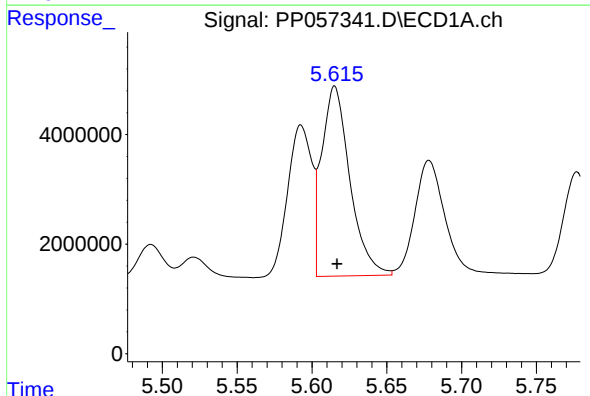
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 31228810
Conc: 468.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



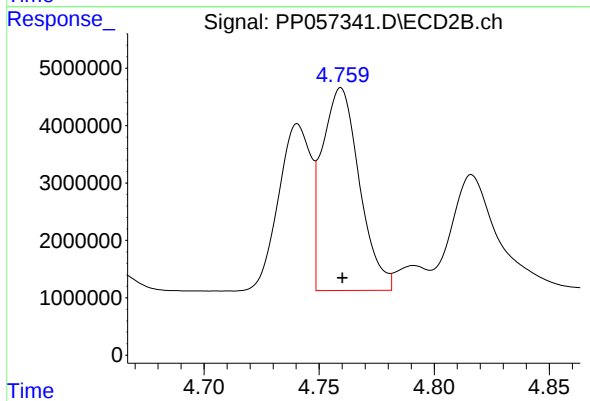
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 28367496
Conc: 469.57 ng/ml



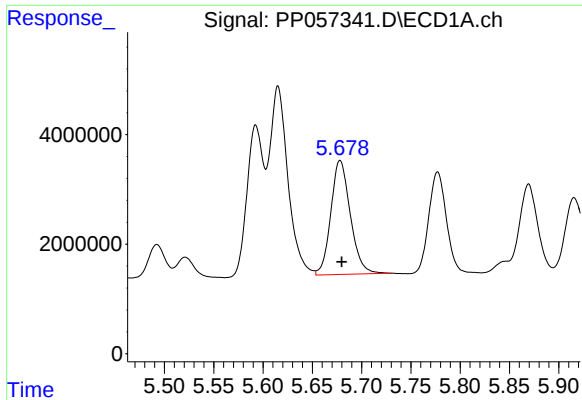
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 45494606
Conc: 468.19 ng/ml



#4 AR-1016-2

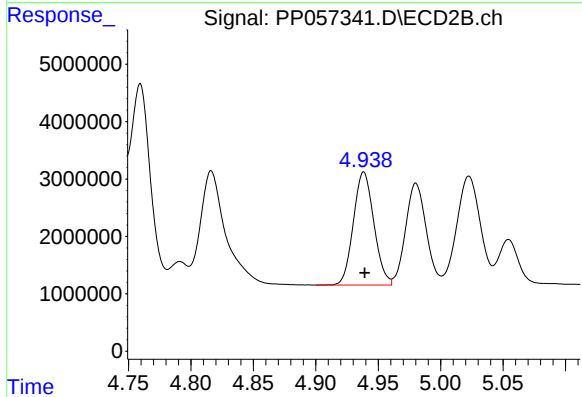
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 39794405
Conc: 472.86 ng/ml



#5 AR-1016-3

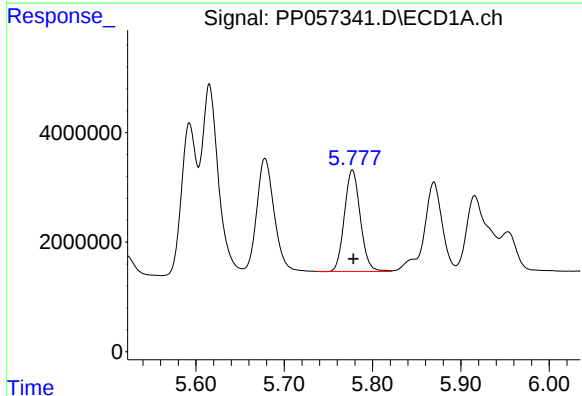
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 28683216
Conc: 472.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



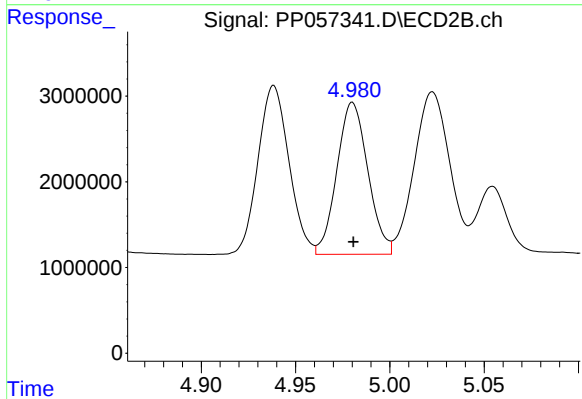
#5 AR-1016-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 22534456
Conc: 483.77 ng/ml



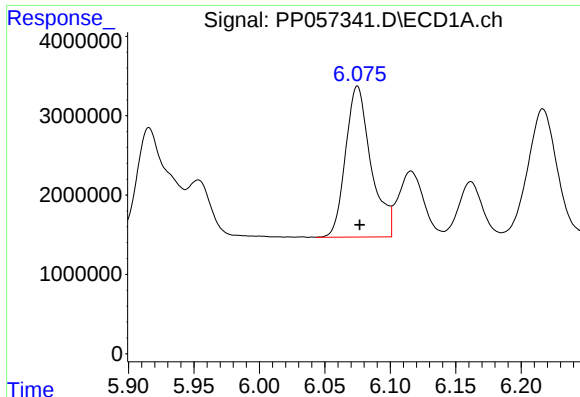
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 23098842
Conc: 477.02 ng/ml



#6 AR-1016-4

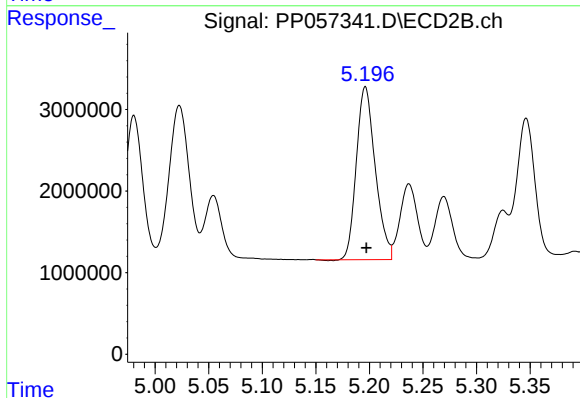
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 20282969
Conc: 486.32 ng/ml



#7 AR-1016-5

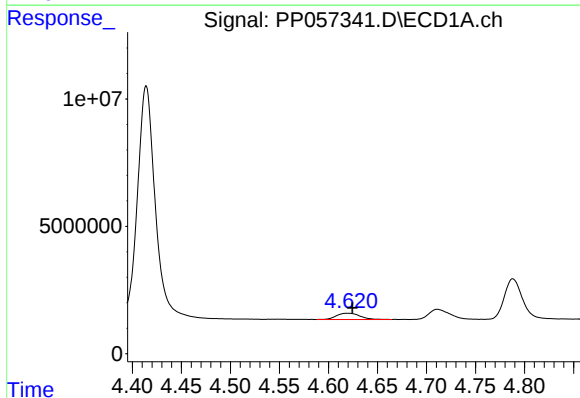
R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 25739185
Conc: 478.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



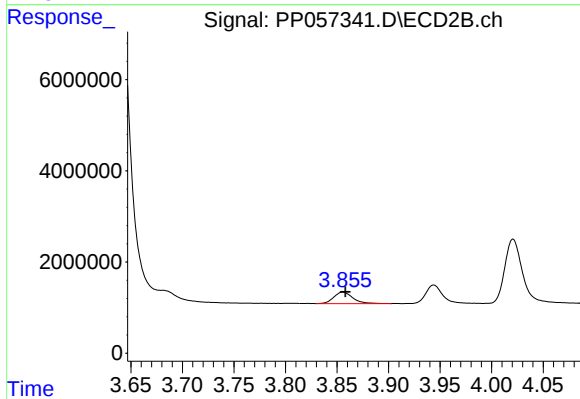
#7 AR-1016-5

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 26061963
Conc: 487.26 ng/ml



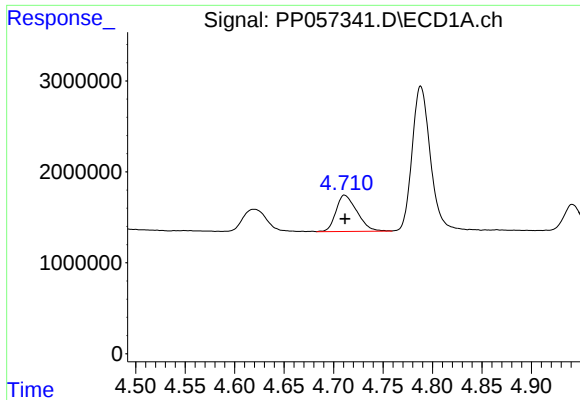
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: -0.005 min
Response: 4073139
Conc: 141.20 ng/ml



#8 AR-1221-1

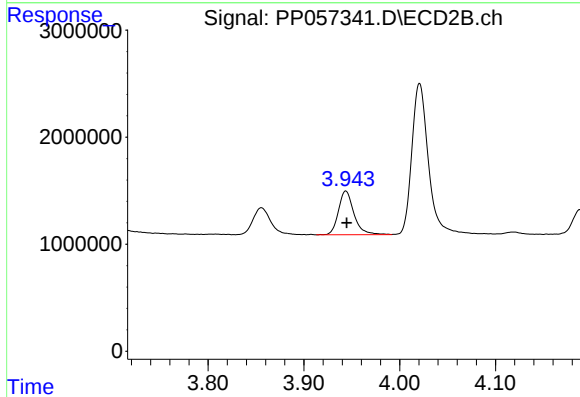
R.T.: 3.856 min
Delta R.T.: -0.002 min
Response: 3218983
Conc: 147.18 ng/ml



#9 AR-1221-2

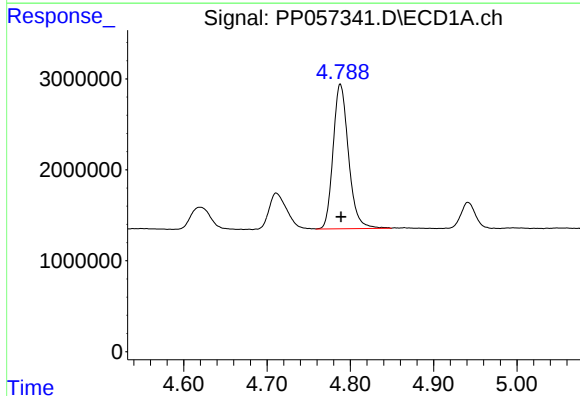
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 5870648
Conc: 276.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



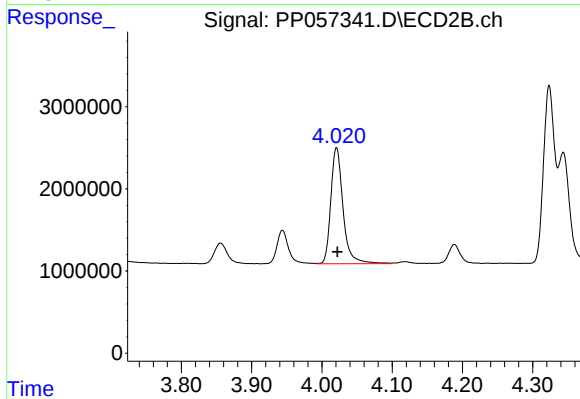
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 4607553
Conc: 284.64 ng/ml



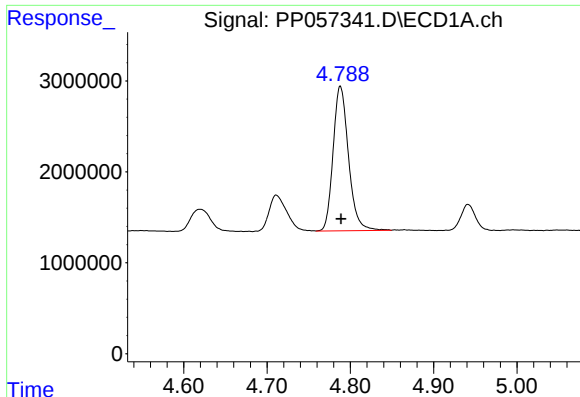
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 20412238
Conc: 326.65 ng/ml



#10 AR-1221-3

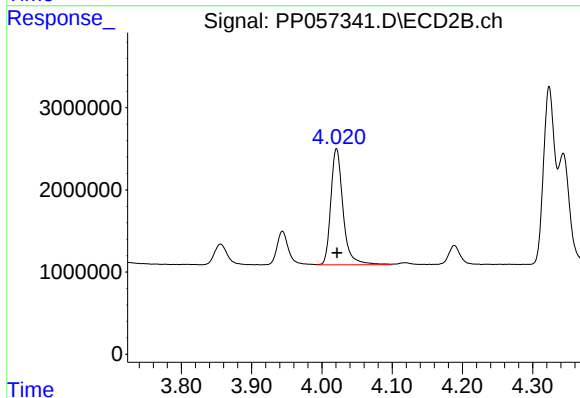
R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 17079314
Conc: 347.24 ng/ml



#11 AR-1232-1

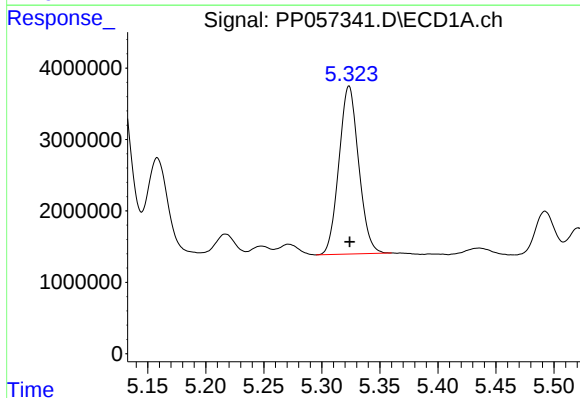
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 20412238
Conc: 390.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



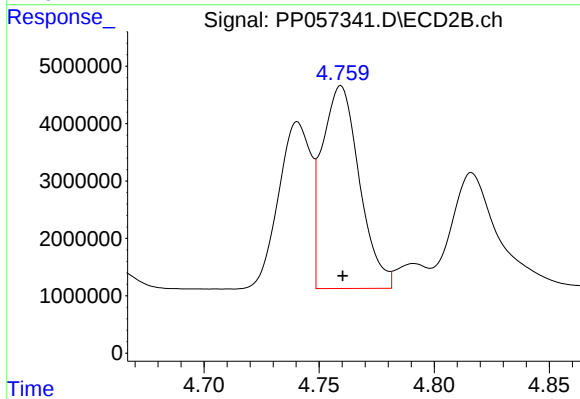
#11 AR-1232-1

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 17079314
Conc: 412.39 ng/ml



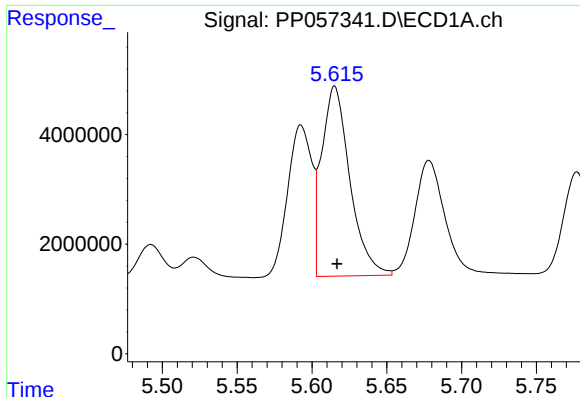
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 27836505
Conc: 1044.07 ng/ml



#12 AR-1232-2

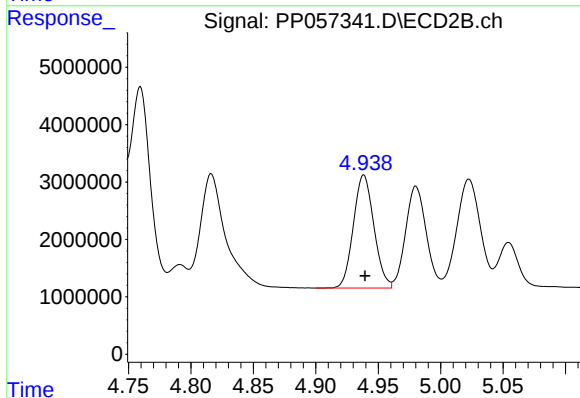
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 39794405
Conc: 1023.68 ng/ml



#13 AR-1232-3

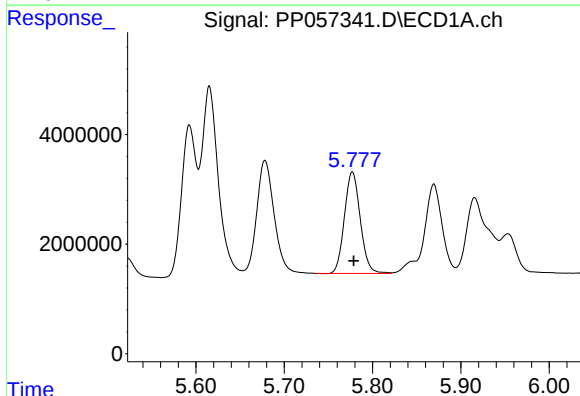
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 45494606
Conc: 1025.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



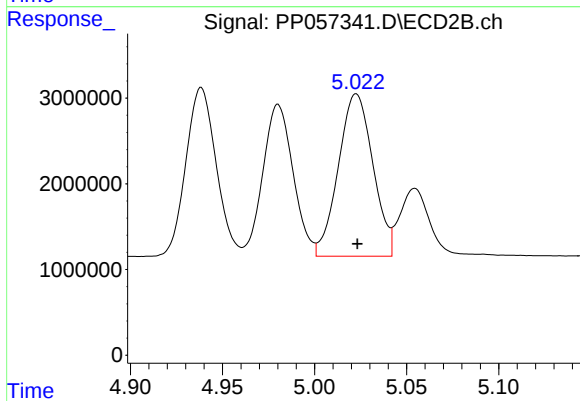
#13 AR-1232-3

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 22534456
Conc: 1119.65 ng/ml



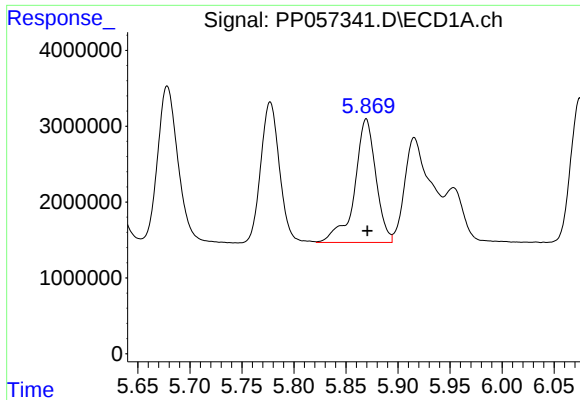
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: -0.001 min
Response: 23098842
Conc: 1045.03 ng/ml



#14 AR-1232-4

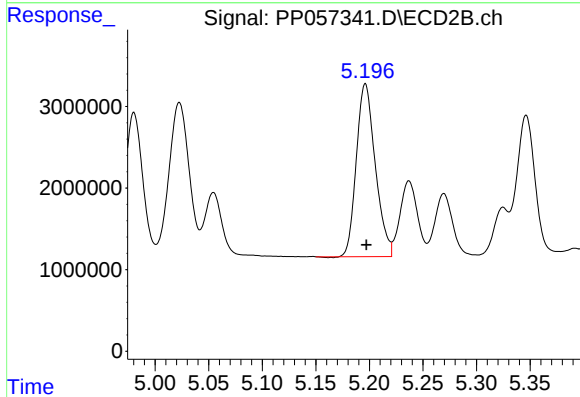
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 24764866
Conc: 1440.10 ng/ml



#15 AR-1232-5

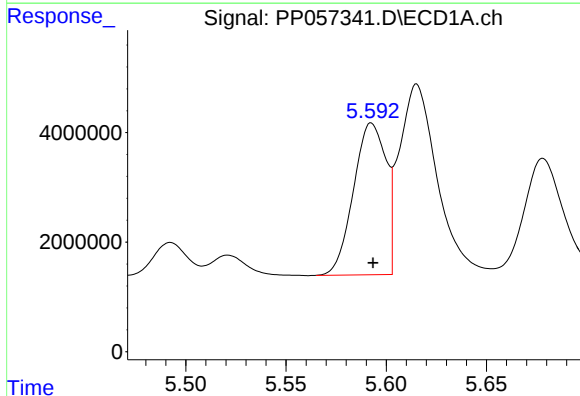
R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 23220074
Conc: 1107.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



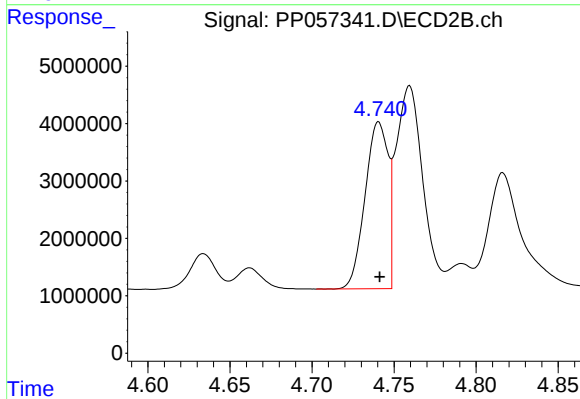
#15 AR-1232-5

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 26061963
Conc: 1138.37 ng/ml



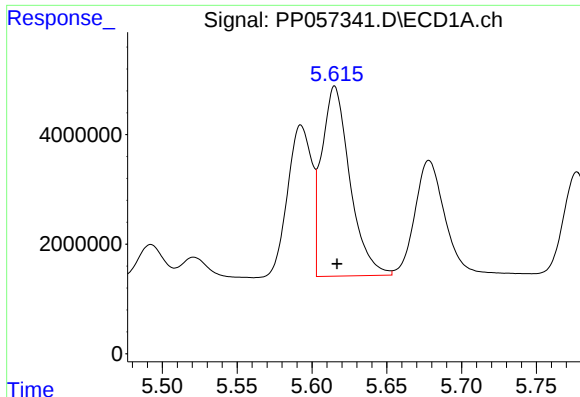
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 31228810
Conc: 578.07 ng/ml



#16 AR-1242-1

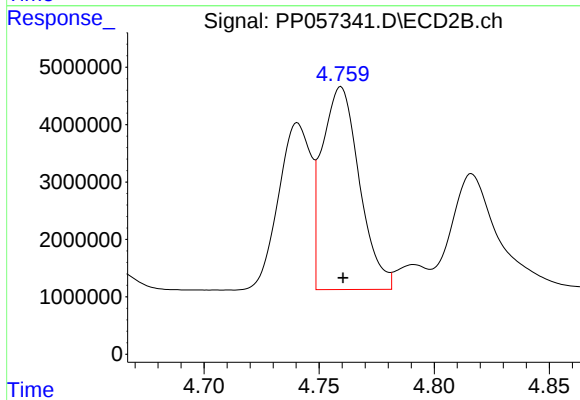
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 28367496
Conc: 575.73 ng/ml



#17 AR-1242-2

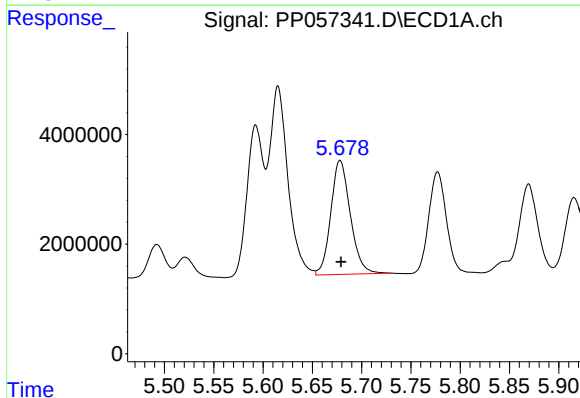
R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 45494606
Conc: 578.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



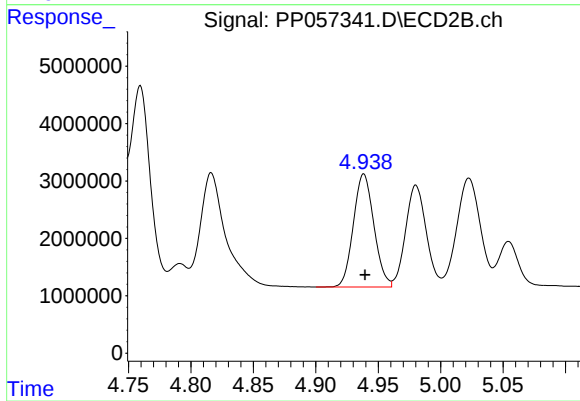
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 39794405
Conc: 581.49 ng/ml



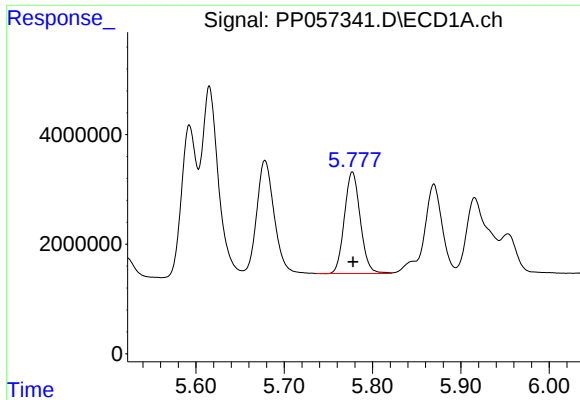
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 28683216
Conc: 583.72 ng/ml



#18 AR-1242-3

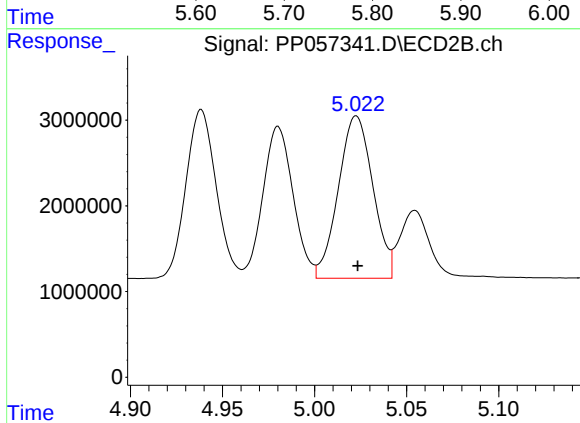
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 22534456
Conc: 590.99 ng/ml



#19 AR-1242-4

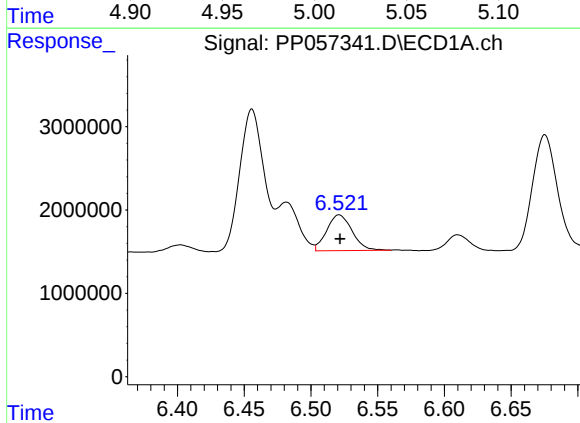
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 23098842
Conc: 588.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



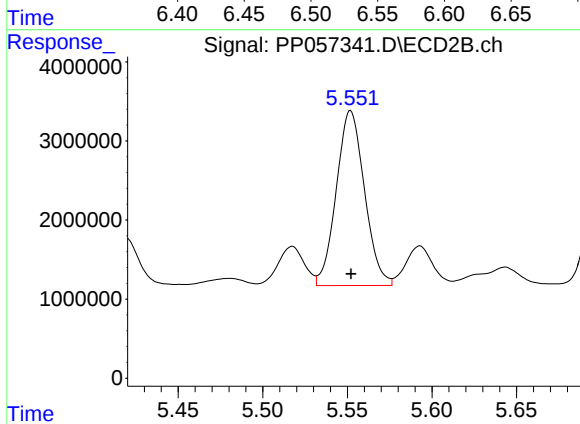
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 24764866
Conc: 581.67 ng/ml



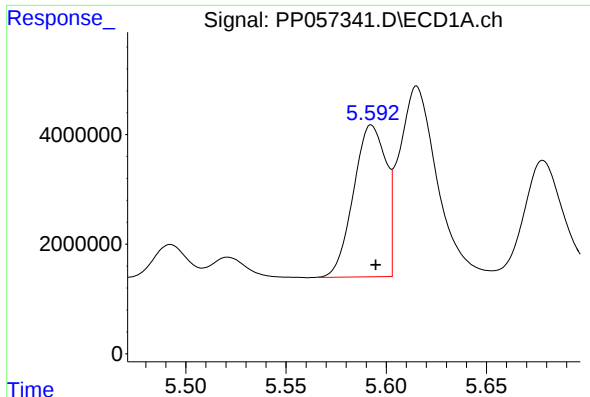
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 5674330
Conc: 165.32 ng/ml



#20 AR-1242-5

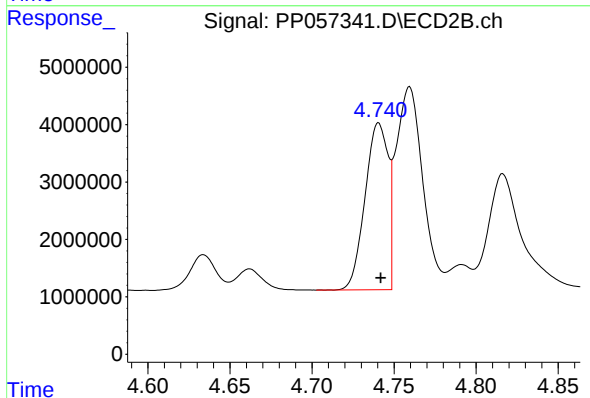
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 25631653
Conc: 539.00 ng/ml



#21 AR-1248-1

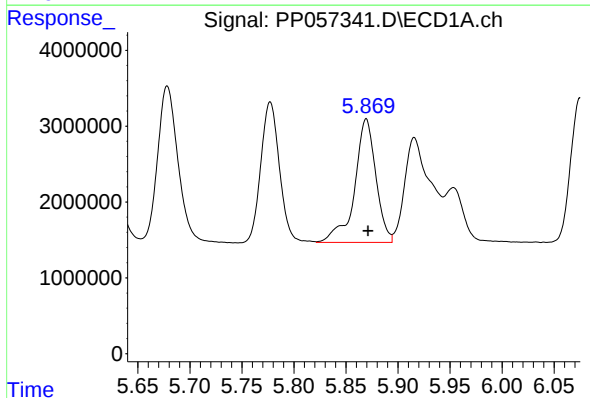
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 31228810
Conc: 759.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



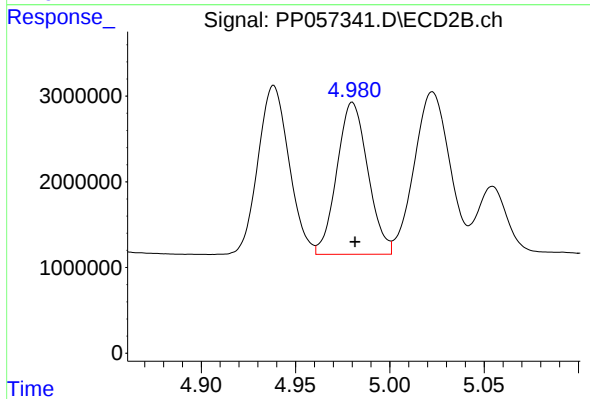
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 28367496
Conc: 758.23 ng/ml



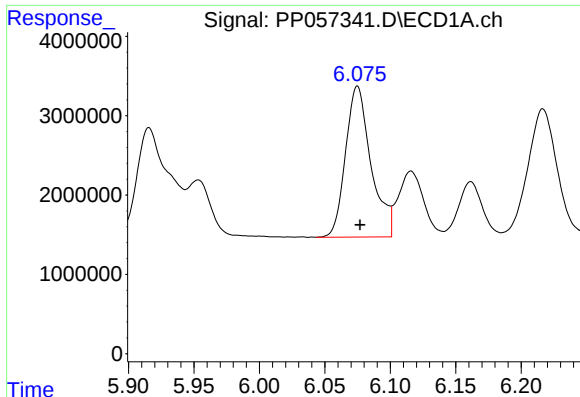
#22 AR-1248-2

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 23220074
Conc: 338.03 ng/ml



#22 AR-1248-2

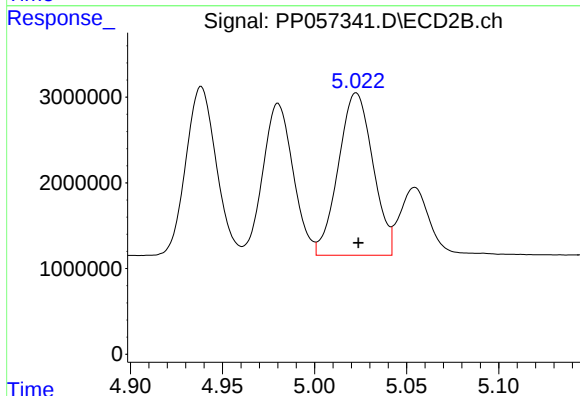
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 20282969
Conc: 337.89 ng/ml



#23 AR-1248-3

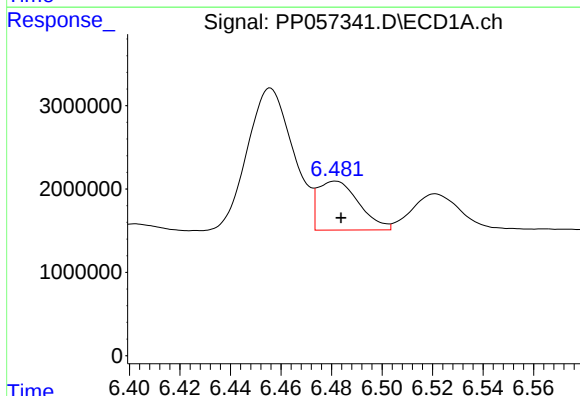
R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 25739185
Conc: 356.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



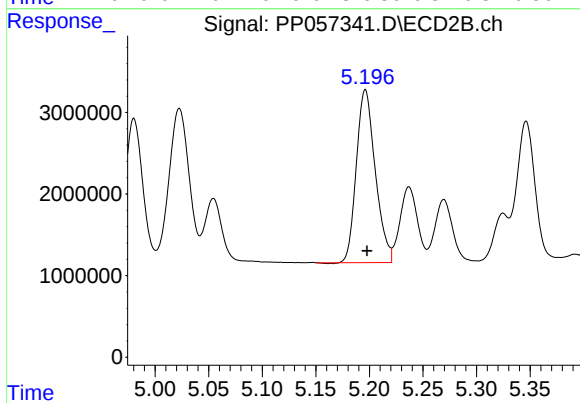
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 24764866
Conc: 397.31 ng/ml



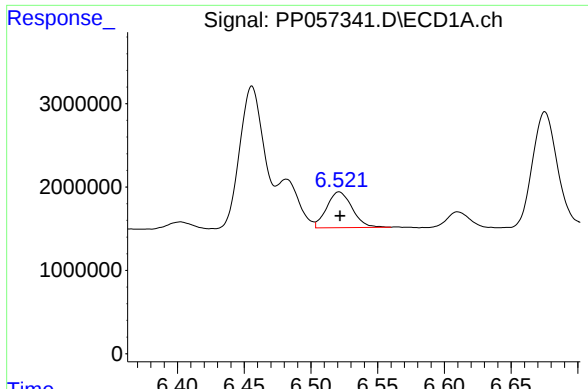
#24 AR-1248-4

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 6618094
Conc: 107.46 ng/ml



#24 AR-1248-4

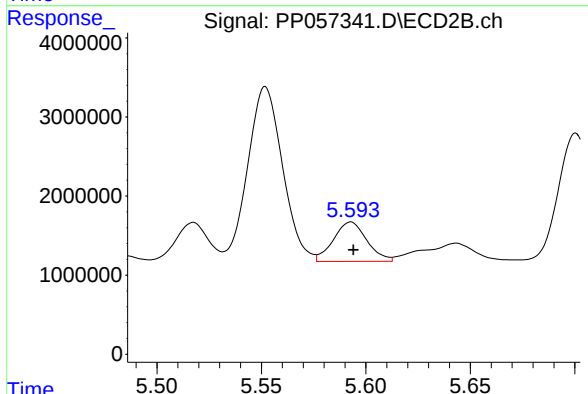
R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 26061963
Conc: 362.46 ng/ml



#25 AR-1248-5

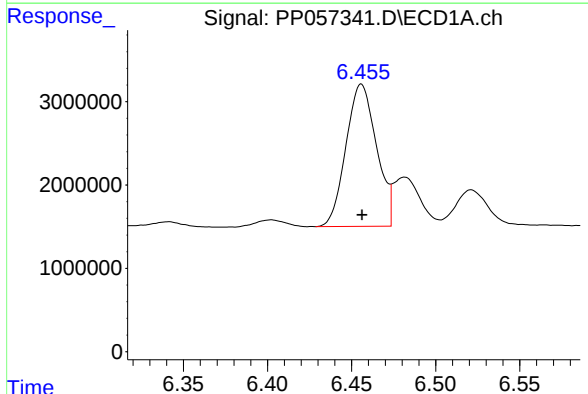
R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 5674330
Conc: 95.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



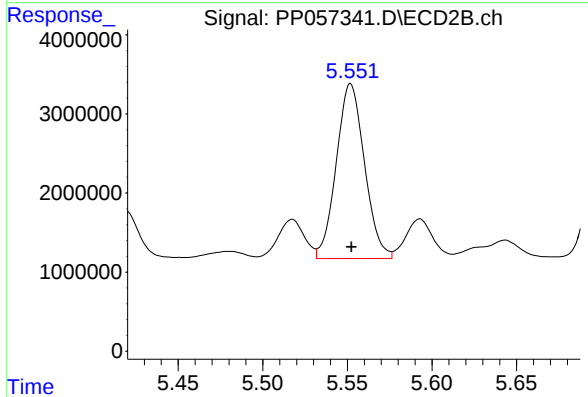
#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 5565152
Conc: 89.95 ng/ml



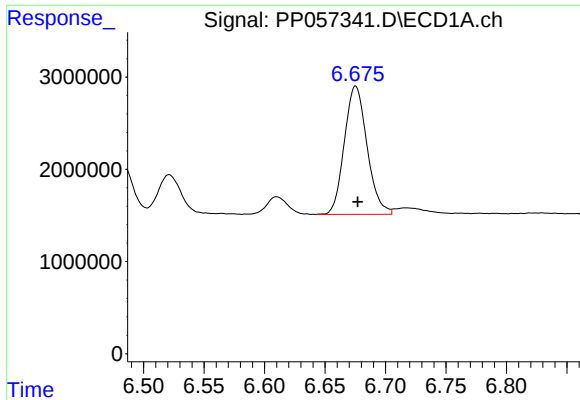
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 21546900
Conc: 267.49 ng/ml



#26 AR-1254-1

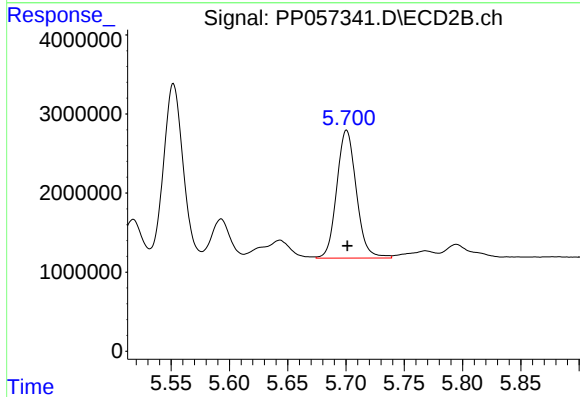
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 25631653
Conc: 237.68 ng/ml



#27 AR-1254-2

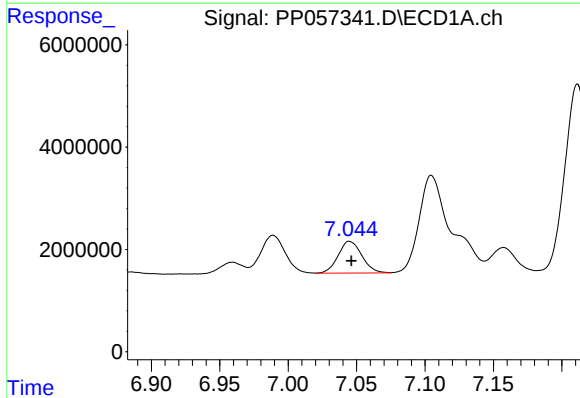
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 18185421
Conc: 156.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



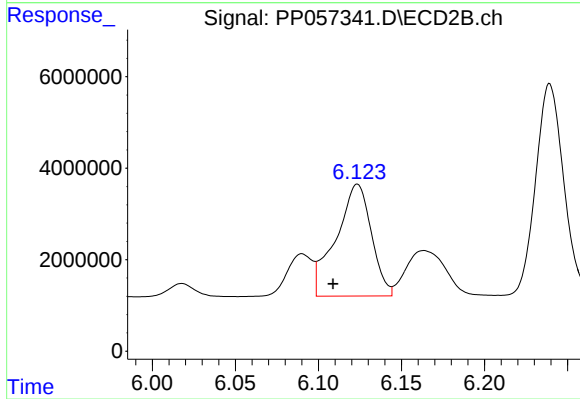
#27 AR-1254-2

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 18923862
Conc: 197.39 ng/ml



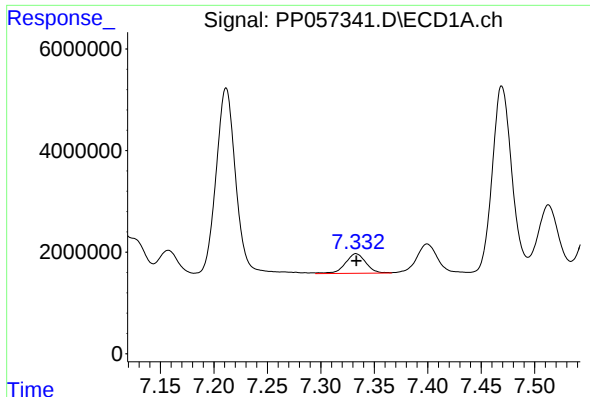
#28 AR-1254-3

R.T.: 7.045 min
Delta R.T.: -0.001 min
Response: 7494974
Conc: 68.44 ng/ml



#28 AR-1254-3

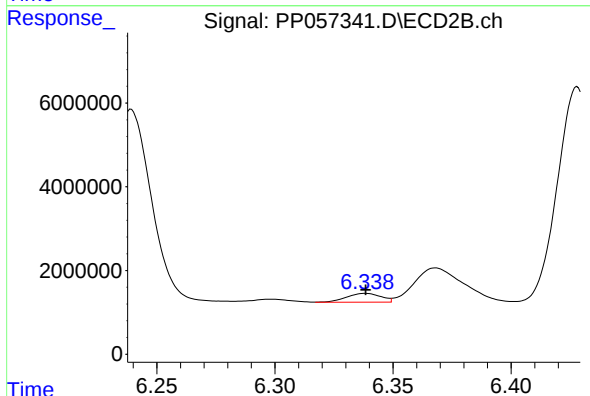
R.T.: 6.123 min
Delta R.T.: 0.015 min
Response: 36274589
Conc: 241.23 ng/ml



#29 AR-1254-4

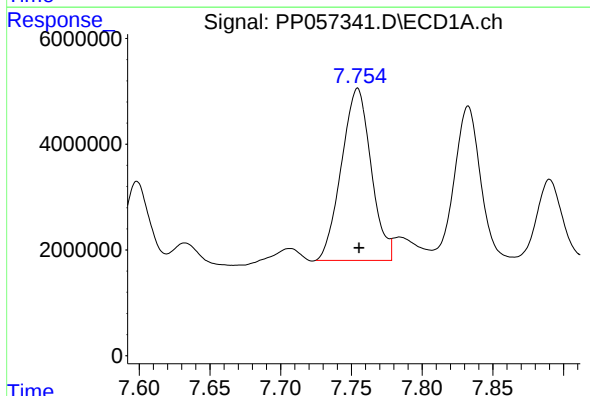
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 5145816
Conc: 81.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



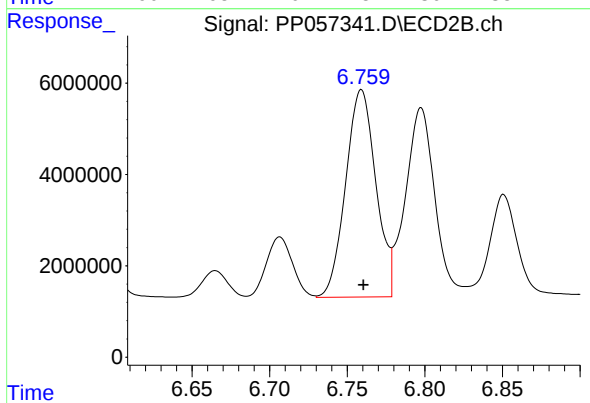
#29 AR-1254-4

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 2140884
Conc: 27.09 ng/ml



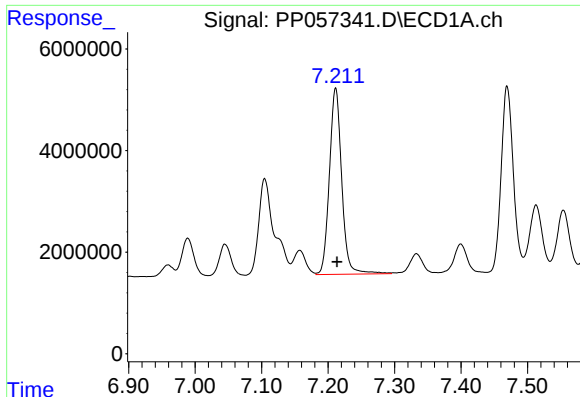
#30 AR-1254-5

R.T.: 7.754 min
Delta R.T.: -0.001 min
Response: 47483947
Conc: 632.90 ng/ml



#30 AR-1254-5

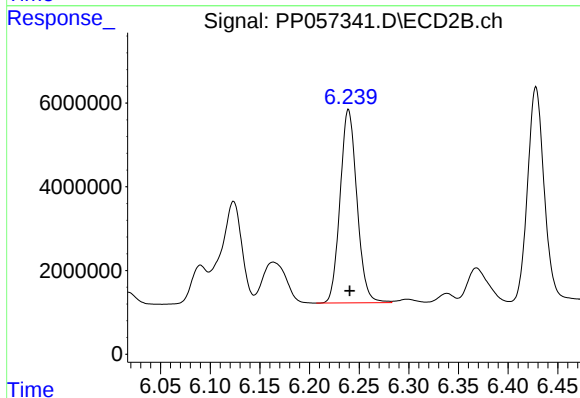
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 61573839
Conc: 484.78 ng/ml



#31 AR-1260-1

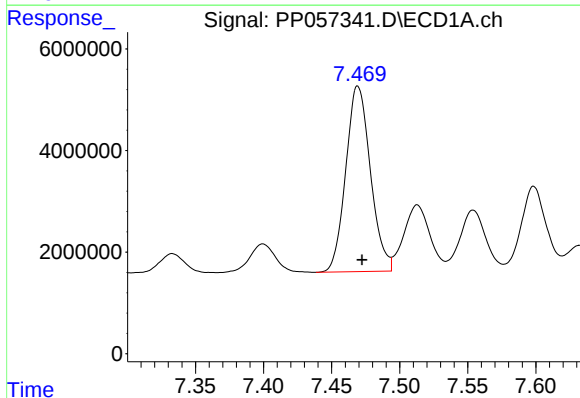
R.T.: 7.211 min
Delta R.T.: -0.002 min
Response: 47204888
Conc: 482.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



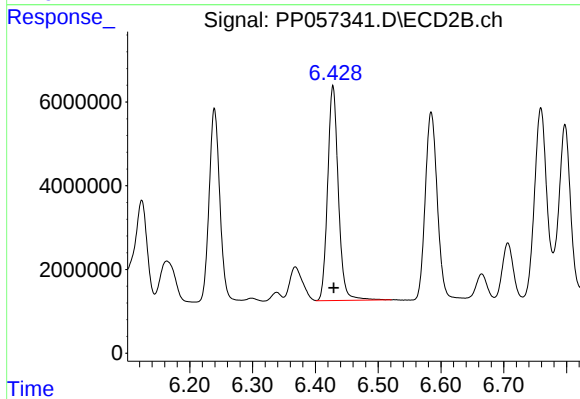
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: -0.001 min
Response: 54620406
Conc: 478.60 ng/ml



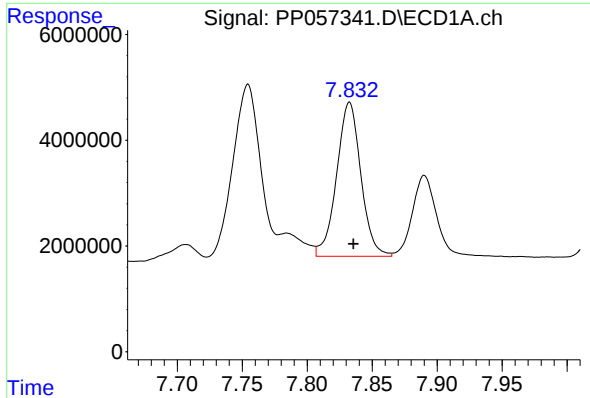
#32 AR-1260-2

R.T.: 7.469 min
Delta R.T.: -0.003 min
Response: 46048859
Conc: 454.29 ng/ml



#32 AR-1260-2

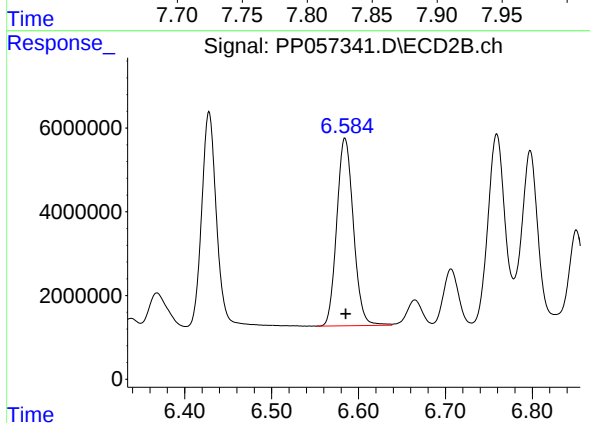
R.T.: 6.428 min
Delta R.T.: -0.001 min
Response: 60696575
Conc: 467.70 ng/ml



#33 AR-1260-3

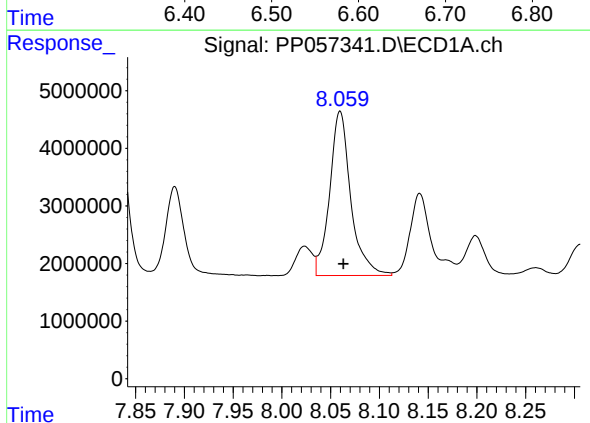
R.T.: 7.833 min
Delta R.T.: -0.003 min
Response: 37865523
Conc: 467.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



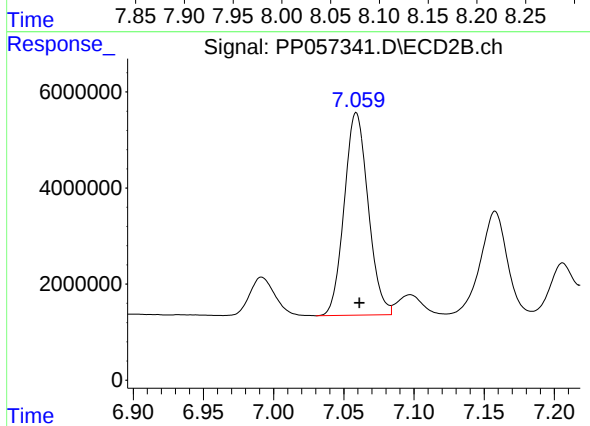
#33 AR-1260-3

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 59599269
Conc: 478.09 ng/ml



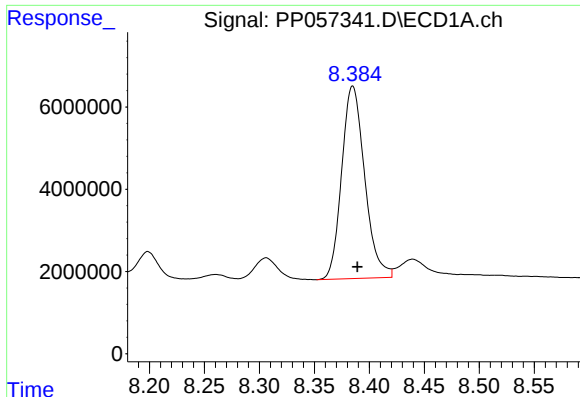
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 43074721
Conc: 457.30 ng/ml



#34 AR-1260-4

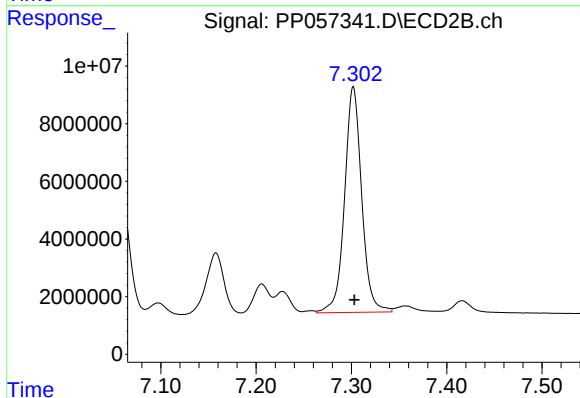
R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 50122269
Conc: 479.68 ng/ml



#35 AR-1260-5

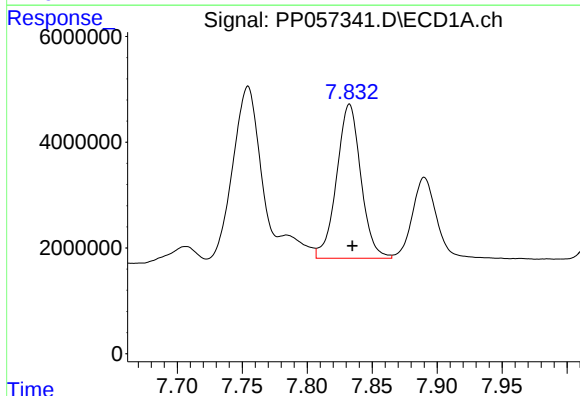
R.T.: 8.385 min
Delta R.T.: -0.004 min
Response: 68165773
Conc: 433.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



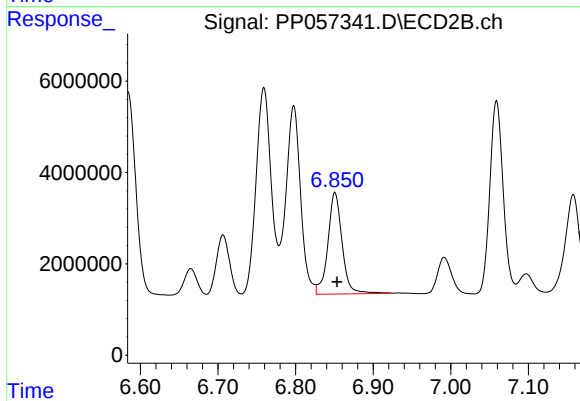
#35 AR-1260-5

R.T.: 7.302 min
Delta R.T.: -0.001 min
Response: 97823251
Conc: 461.28 ng/ml



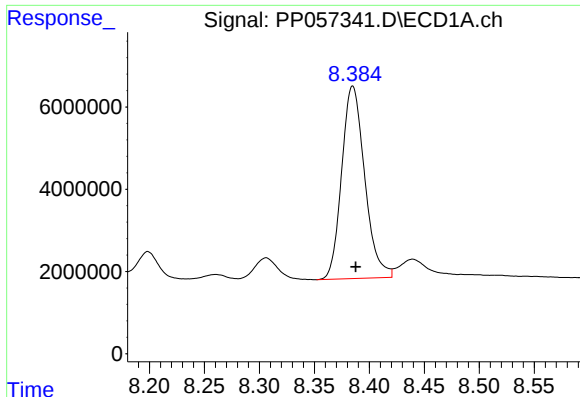
#36 AR-1262-1

R.T.: 7.833 min
Delta R.T.: -0.002 min
Response: 37865523
Conc: 361.61 ng/ml



#36 AR-1262-1

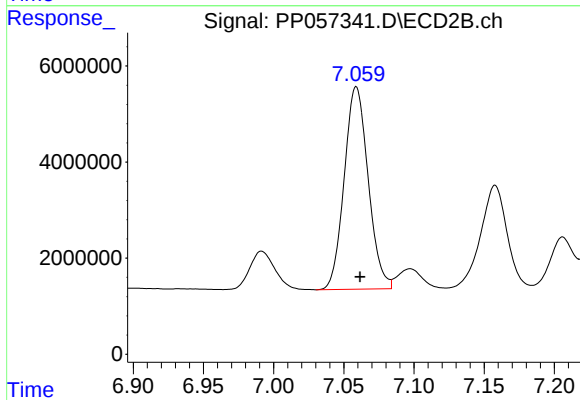
R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 28329497
Conc: 467.87 ng/ml



#37 AR-1262-2

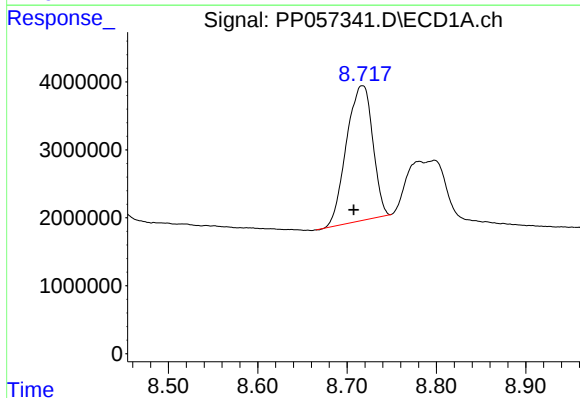
R.T.: 8.385 min
Delta R.T.: -0.003 min
Response: 68165773
Conc: 456.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



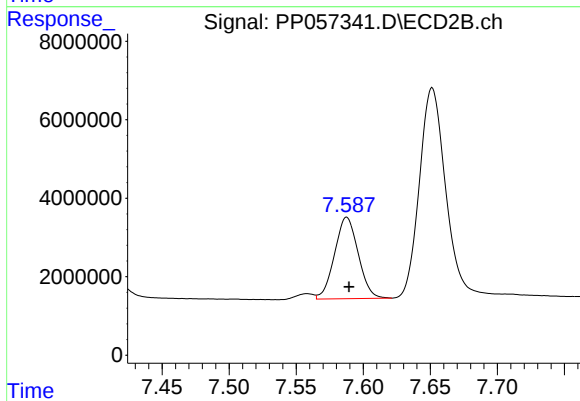
#37 AR-1262-2

R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 50122269
Conc: 403.38 ng/ml



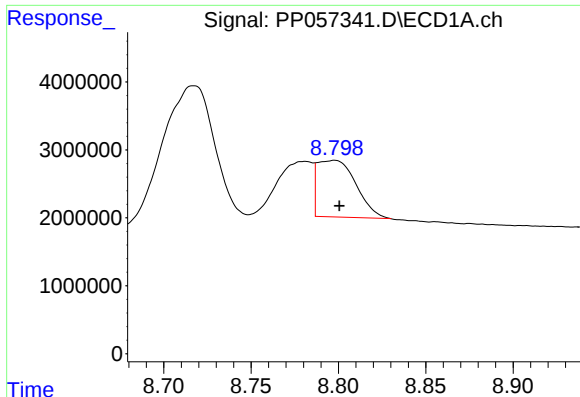
#38 AR-1262-3

R.T.: 8.717 min
Delta R.T.: 0.010 min
Response: 40585707
Conc: 389.01 ng/ml



#38 AR-1262-3

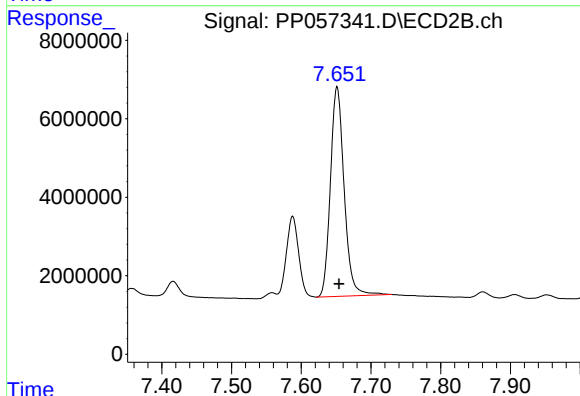
R.T.: 7.588 min
Delta R.T.: -0.002 min
Response: 25466479
Conc: 267.29 ng/ml



#39 AR-1262-4

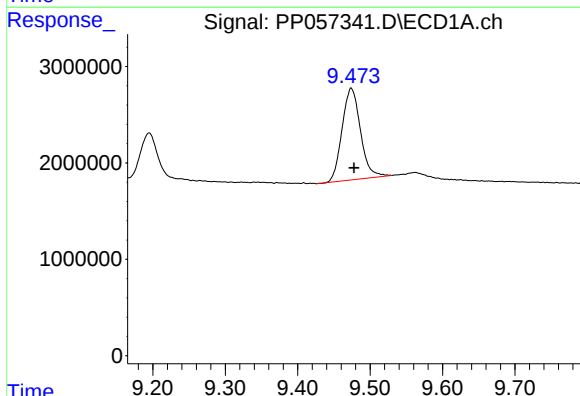
R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 12742332
Conc: 170.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



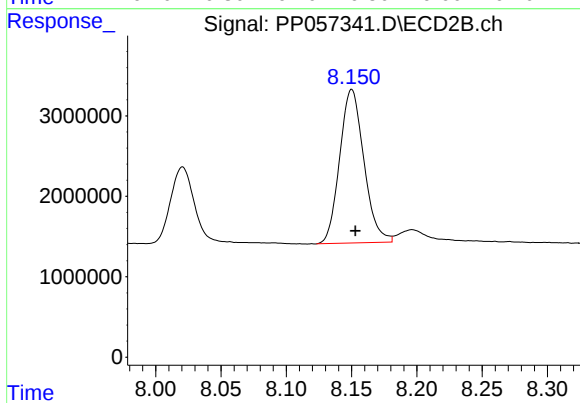
#39 AR-1262-4

R.T.: 7.651 min
Delta R.T.: -0.003 min
Response: 73129801
Conc: 456.16 ng/ml



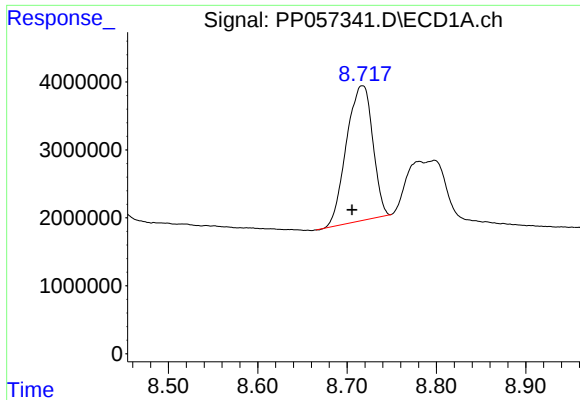
#40 AR-1262-5

R.T.: 9.474 min
Delta R.T.: -0.004 min
Response: 16804582
Conc: 356.78 ng/ml



#40 AR-1262-5

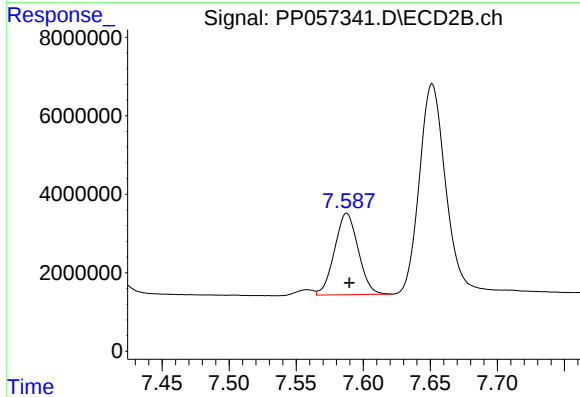
R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 24676072
Conc: 355.97 ng/ml



#41 AR-1268-1

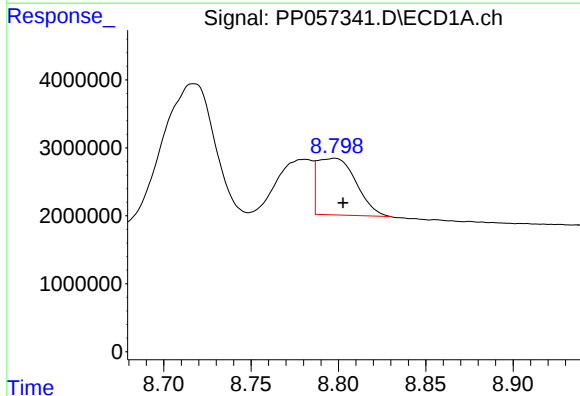
R.T.: 8.717 min
Delta R.T.: 0.012 min
Response: 40585707
Conc: 193.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



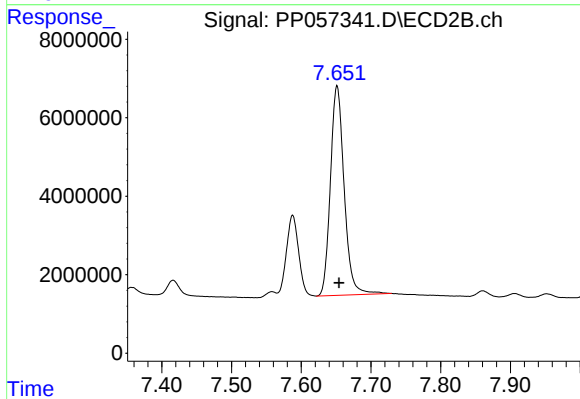
#41 AR-1268-1

R.T.: 7.588 min
Delta R.T.: -0.002 min
Response: 25466479
Conc: 89.83 ng/ml



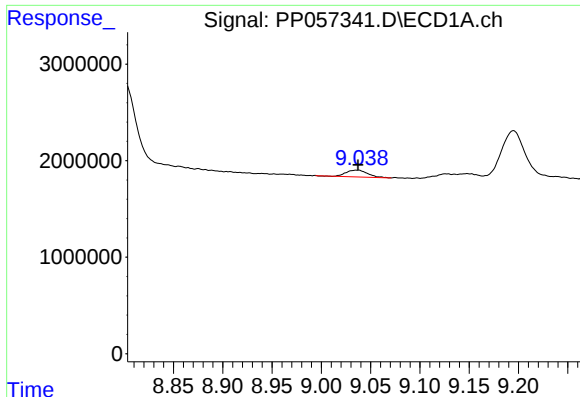
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.005 min
Response: 12742332
Conc: 79.19 ng/ml



#42 AR-1268-2

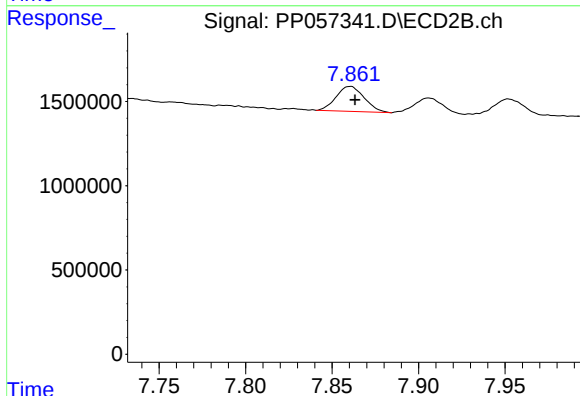
R.T.: 7.651 min
Delta R.T.: -0.003 min
Response: 73129801
Conc: 290.60 ng/ml



#43 AR-1268-3

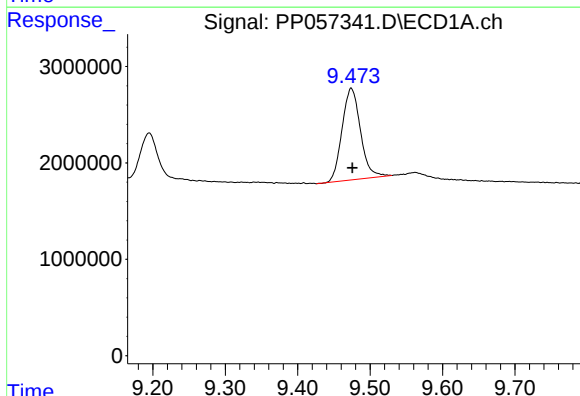
R.T.: 9.036 min
Delta R.T.: -0.001 min
Response: 1063552
Conc: 5.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



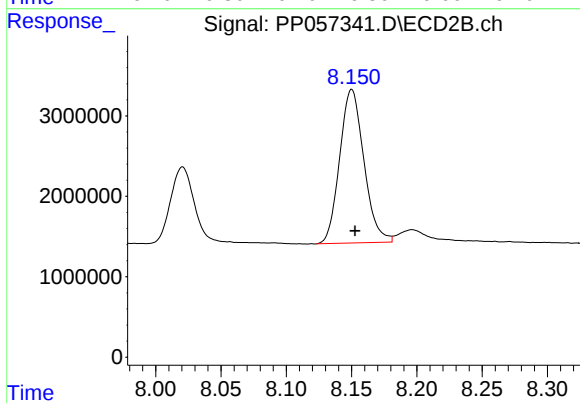
#43 AR-1268-3

R.T.: 7.860 min
Delta R.T.: -0.003 min
Response: 1670603
Conc: 7.27 ng/ml



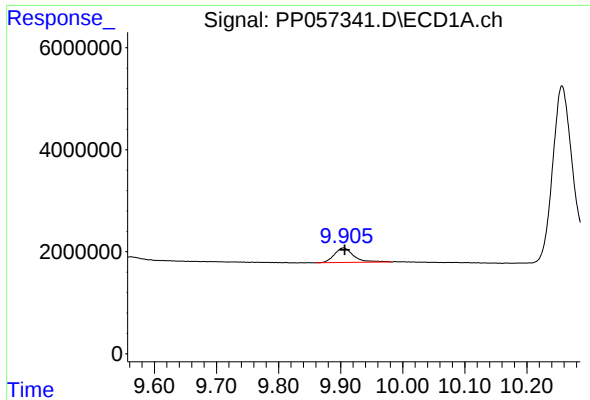
#44 AR-1268-4

R.T.: 9.474 min
Delta R.T.: -0.001 min
Response: 16804582
Conc: 320.88 ng/ml



#44 AR-1268-4

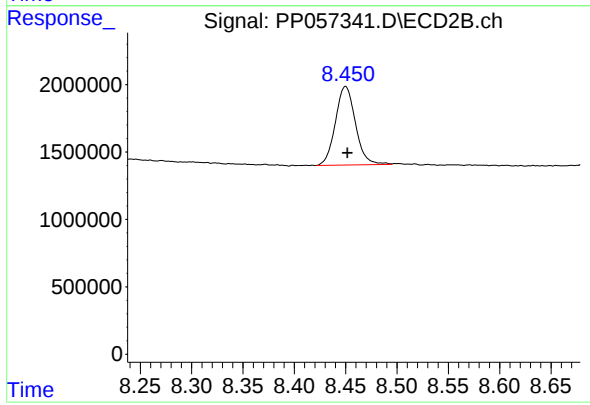
R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 24676072
Conc: 311.38 ng/ml



#45 AR-1268-5

R.T.: 9.905 min
Delta R.T.: -0.002 min
Response: 6194448
Conc: 12.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: -0.002 min
Response: 7931681
Conc: 13.08 ng/ml