

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041123\
 Data File : PP056850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 14:14
 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: Apr 11 14:39:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.436	3.662	111.7E6	83160460	51.989	47.816
2)	SA Decachlor...	10.279	8.748	71373185	81878504	54.529	52.076
Target Compounds							
3)	L1 AR-1016-1	5.613	4.764	31984425	25599466	520.931	480.646
4)	L1 AR-1016-2	5.635	4.783	46199110	36322291	518.071	489.828
5)	L1 AR-1016-3	5.698	4.962	29223927	19989841	515.467	496.725
6)	L1 AR-1016-4	5.797	5.003	22958078	17624227	512.689	486.381
7)	L1 AR-1016-5	6.094	5.220	24189574	23182408	515.911	493.655
8)	L2 AR-1221-1	4.640	3.878	4079783	3057993	154.674	139.632
9)	L2 AR-1221-2	4.733	3.966	5620251	4364744	289.315	265.659
10)	L2 AR-1221-3	4.809	4.043	19736142	16220558	346.410	330.800
11)	L3 AR-1232-1	4.809	4.043	19736142	16220558	409.767	394.285
12)	L3 AR-1232-2	5.343	4.783	26658159	36322291	1067.191	1059.810
13)	L3 AR-1232-3	5.635	4.962	46199110	19989841	1145.877	1086.363
14)	L3 AR-1232-4	5.797	5.046	22958078	21646233	1139.418	1129.589
15)	L3 AR-1232-5	5.889	5.220	20896833	23182408	1188.899	1090.609
16)	L4 AR-1242-1	5.613	4.764	31984425	25599466	636.029	595.190
17)	L4 AR-1242-2	5.635	4.783	46199110	36322291	634.423	610.434
18)	L4 AR-1242-3	5.698	4.962	29223927	19989841	637.817	619.589
19)	L4 AR-1242-4	5.797	5.046	22958078	21646233	636.260	594.099
20)	L4 AR-1242-5	6.540	5.576	5881497	22395740	177.187	561.689 #
21)	L5 AR-1248-1	5.613	4.764	31984425	25599466	852.481	777.684
22)	L5 AR-1248-2	5.889	5.003	20896833	17624227	354.819	341.936
23)	L5 AR-1248-3	6.094	5.046	24189574	21646233	379.671	403.234
24)	L5 AR-1248-4	6.500	5.220	6837203	23182408	117.731	374.665 #
25)	L5 AR-1248-5	6.540	5.617	5881497	5227136	104.122	101.806
26)	L6 AR-1254-1	6.474	5.576	20603732	22395740	290.579	243.121
27)	L6 AR-1254-2	6.694	5.725	17105107	16534900	168.674	205.736
28)	L6 AR-1254-3	7.063	6.149	7424734	31139923	76.597	251.907 #
29)	L6 AR-1254-4	7.350	6.364	4400868	1928097	72.104	30.336 #
30)	L6 AR-1254-5	7.770	6.786	49465333	52062333	725.911	495.190 #
31)	L7 AR-1260-1	7.228	6.265	41730777	46640353	512.653	487.646
32)	L7 AR-1260-2	7.486	6.455	45101011	51805482	528.625	501.614
33)	L7 AR-1260-3	7.849	6.611	36126756	50785455	517.310	489.711
34)	L7 AR-1260-4	8.076	7.086	40442680	42154365	530.054	493.555
35)	L7 AR-1260-5	8.403	7.329	69109891	79832065	546.005	504.426
36)	L8 AR-1262-1	7.849	6.878	36126756	23840697	410.155	509.518
37)	L8 AR-1262-2	8.403	7.086	69109891	42154365	533.769	430.998
38)	L8 AR-1262-3	8.735f	7.615	44693041	19528160	485.214	294.038 #
39)	L8 AR-1262-4	8.815	7.679	15290318	59752412	336.752	506.961 #
40)	L8 AR-1262-5	9.492	8.180	16167437	18383247	402.449	377.187
41)	L9 AR-1268-1	8.735f	7.615	44693041	19528160	239.952	88.091 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

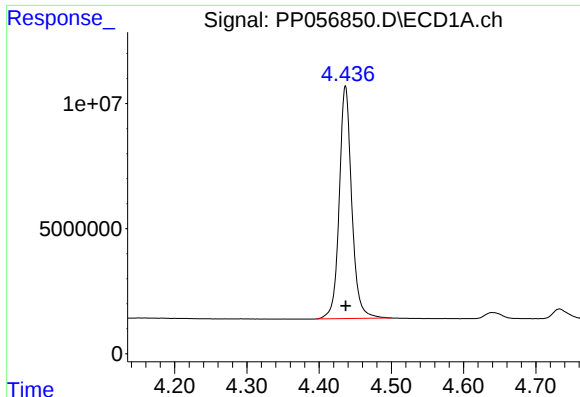
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 14:39:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.815	7.679	15290318	59752412	92.139	307.682 #
43) L9	AR-1268-3	9.055	7.890	1037847	1248848	6.522	6.300
44) L9	AR-1268-4	9.492	8.180	16167437	18383247	348.213	317.816
45) L9	AR-1268-5	9.925	8.481	5683988	7192653	13.235	14.163

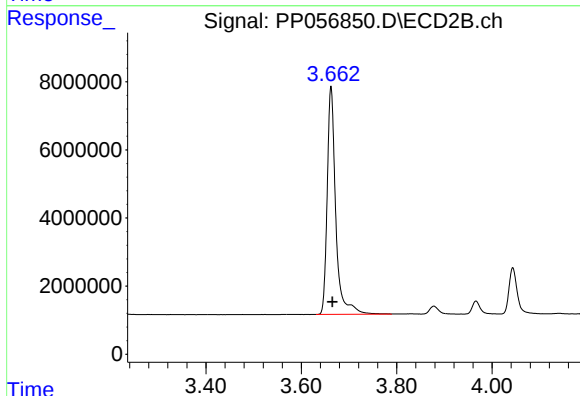
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

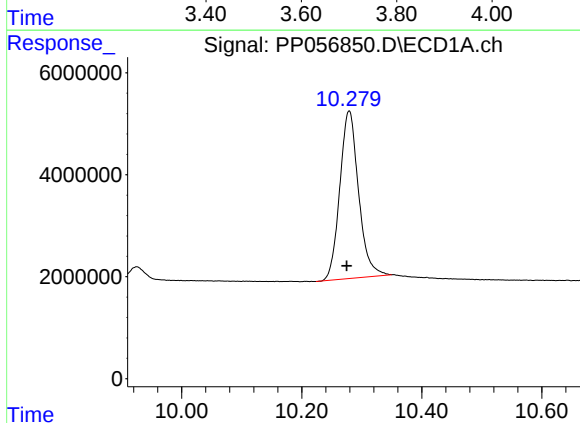
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 111697914
Conc: 51.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



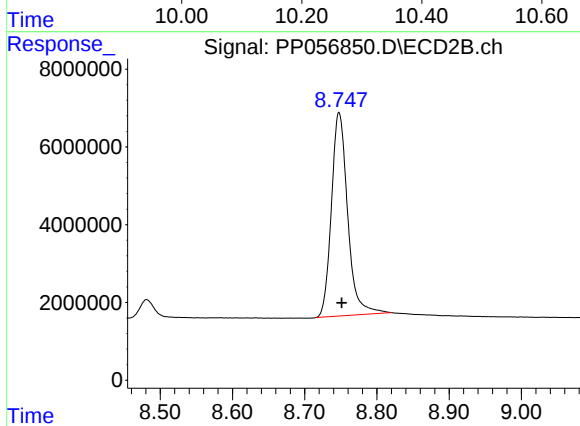
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 83160460
Conc: 47.82 ng/ml



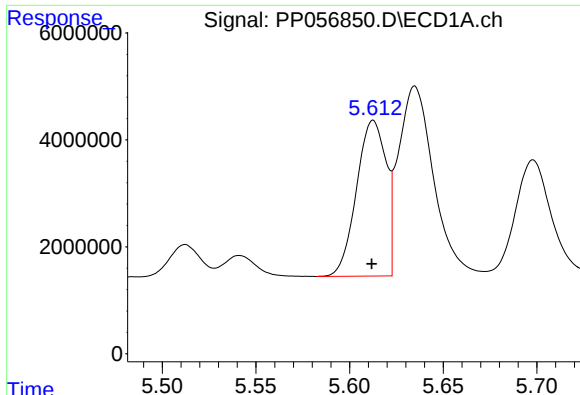
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.004 min
Response: 71373185
Conc: 54.53 ng/ml



#2 Decachlorobiphenyl

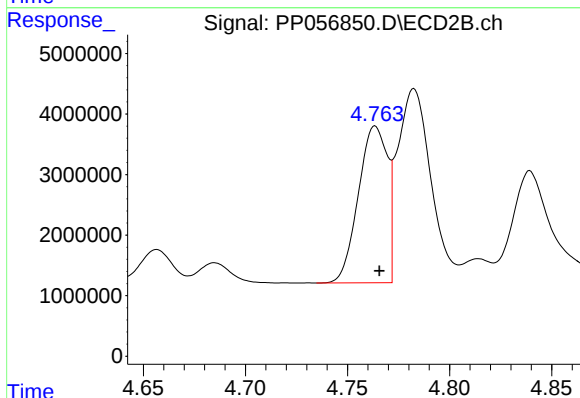
R.T.: 8.748 min
Delta R.T.: -0.004 min
Response: 81878504
Conc: 52.08 ng/ml



#3 AR-1016-1

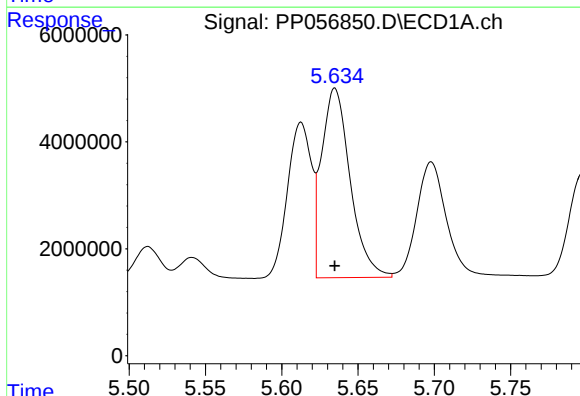
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 31984425
Conc: 520.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



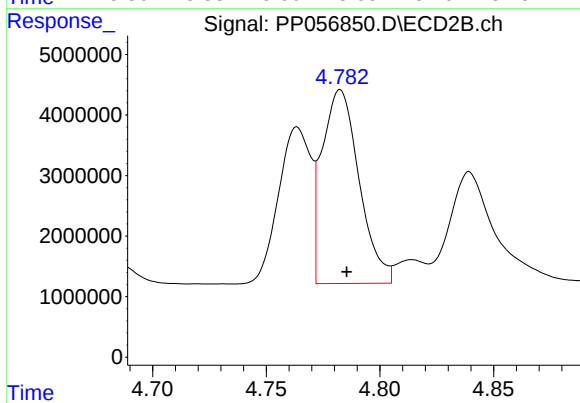
#3 AR-1016-1

R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 25599466
Conc: 480.65 ng/ml



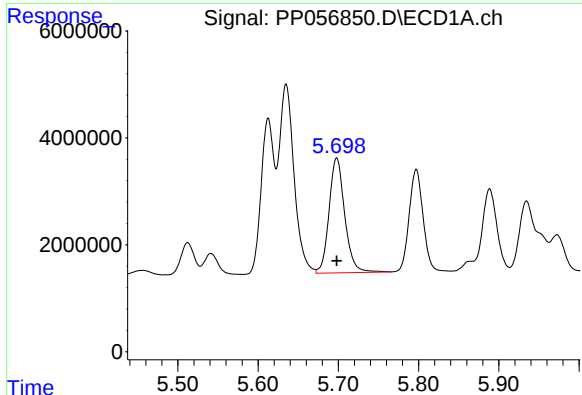
#4 AR-1016-2

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 46199110
Conc: 518.07 ng/ml



#4 AR-1016-2

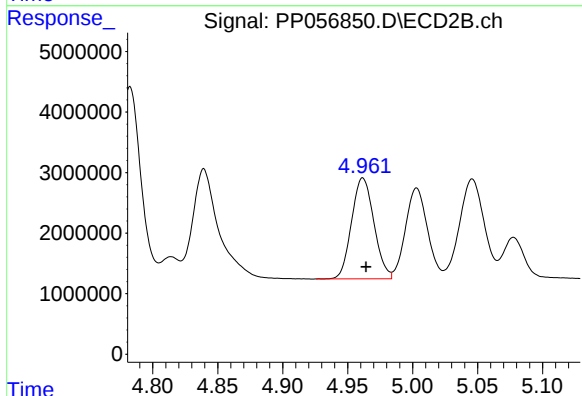
R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 36322291
Conc: 489.83 ng/ml



#5 AR-1016-3

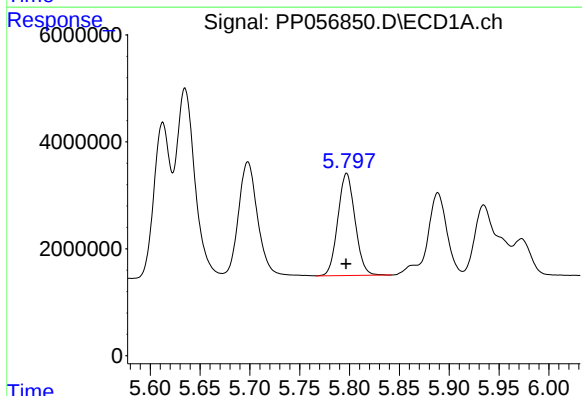
R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 29223927
Conc: 515.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



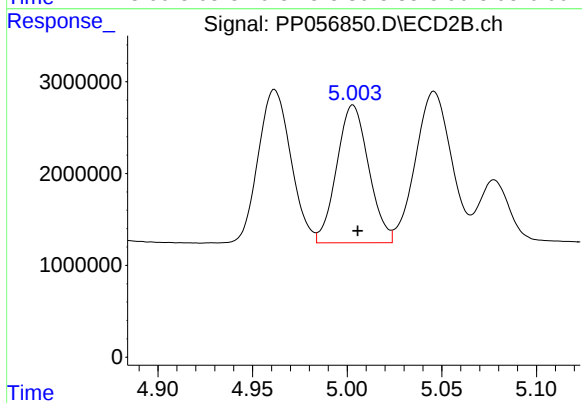
#5 AR-1016-3

R.T.: 4.962 min
Delta R.T.: -0.003 min
Response: 19989841
Conc: 496.72 ng/ml



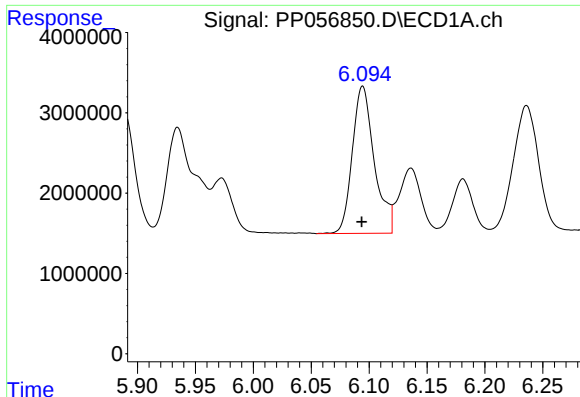
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 22958078
Conc: 512.69 ng/ml



#6 AR-1016-4

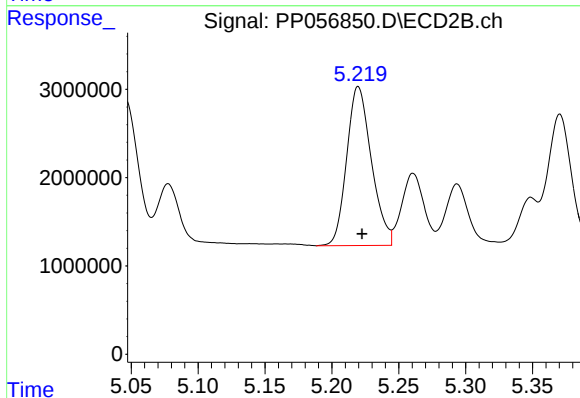
R.T.: 5.003 min
Delta R.T.: -0.003 min
Response: 17624227
Conc: 486.38 ng/ml



#7 AR-1016-5

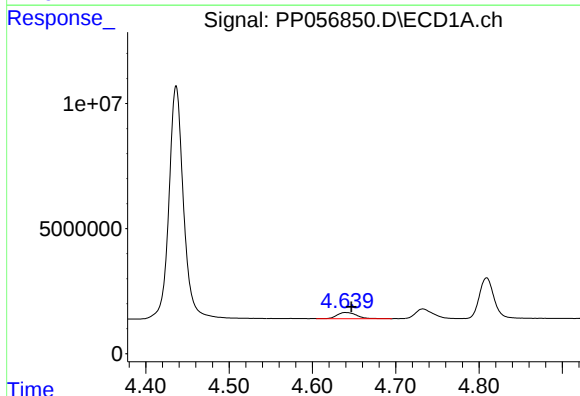
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 24189574
Conc: 515.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



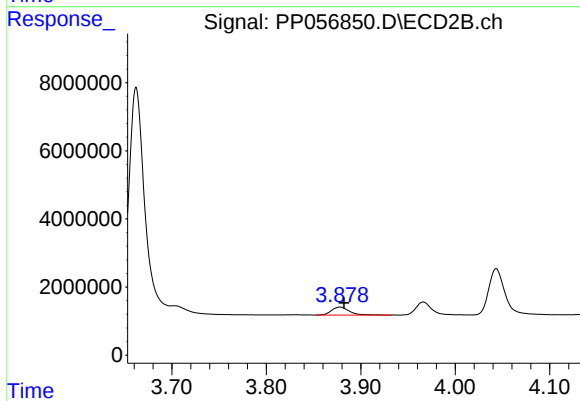
#7 AR-1016-5

R.T.: 5.220 min
Delta R.T.: -0.003 min
Response: 23182408
Conc: 493.65 ng/ml



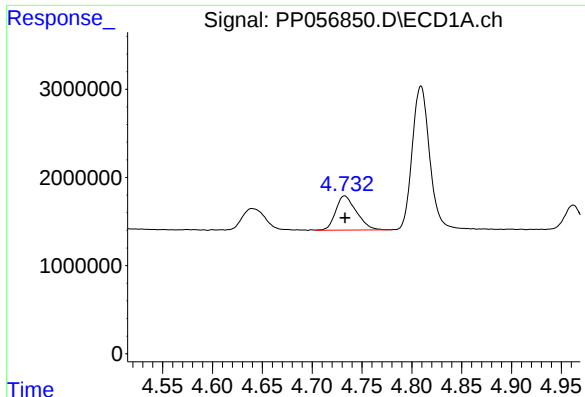
#8 AR-1221-1

R.T.: 4.640 min
Delta R.T.: -0.007 min
Response: 4079783
Conc: 154.67 ng/ml



#8 AR-1221-1

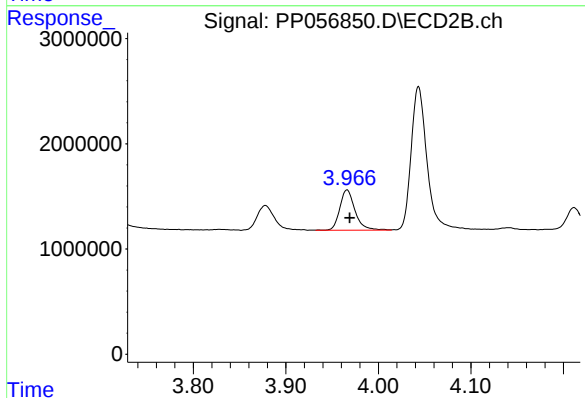
R.T.: 3.878 min
Delta R.T.: -0.004 min
Response: 3057993
Conc: 139.63 ng/ml



#9 AR-1221-2

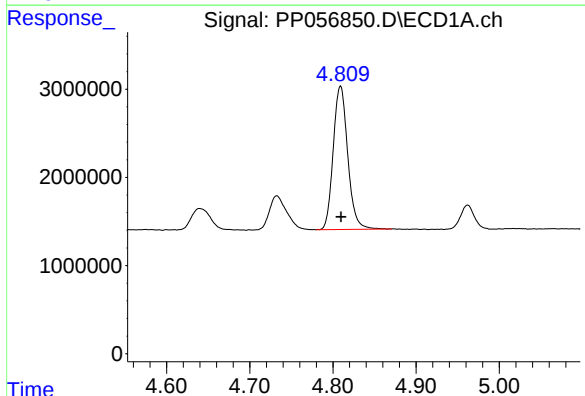
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 5620251
Conc: 289.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



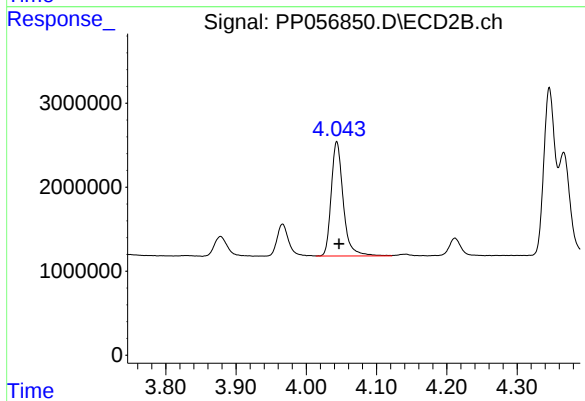
#9 AR-1221-2

R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 4364744
Conc: 265.66 ng/ml



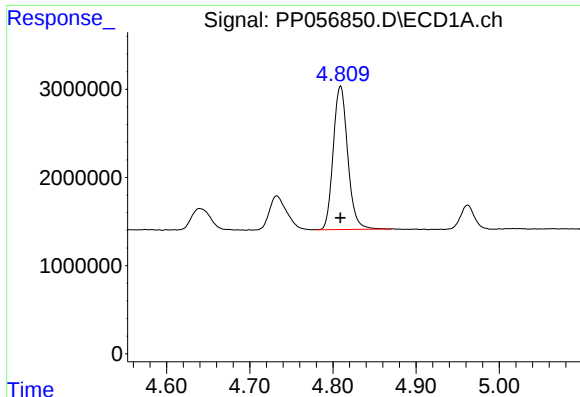
#10 AR-1221-3

R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 19736142
Conc: 346.41 ng/ml



#10 AR-1221-3

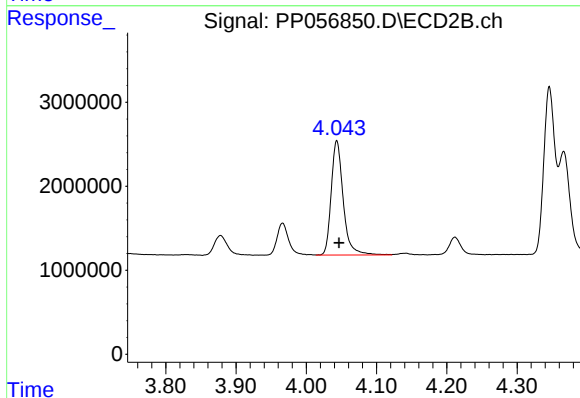
R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 16220558
Conc: 330.80 ng/ml



#11 AR-1232-1

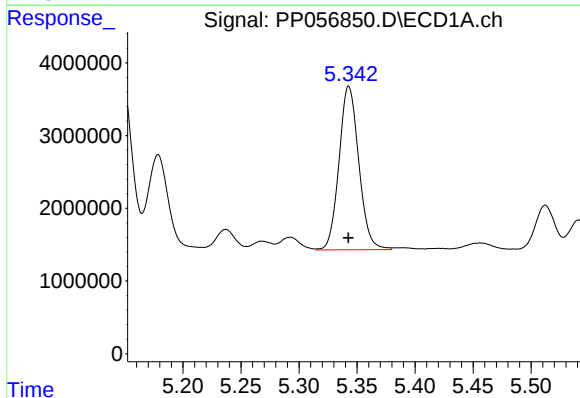
R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 19736142
Conc: 409.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



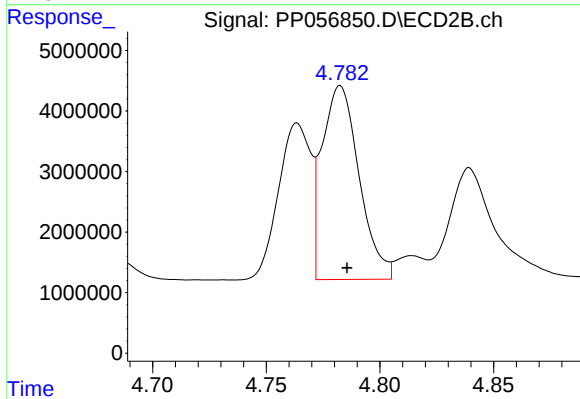
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 16220558
Conc: 394.28 ng/ml



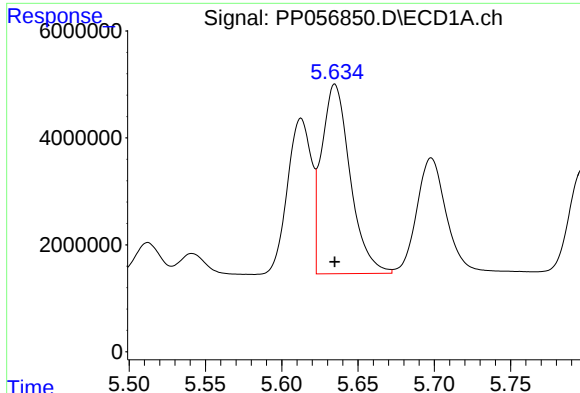
#12 AR-1232-2

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 26658159
Conc: 1067.19 ng/ml



#12 AR-1232-2

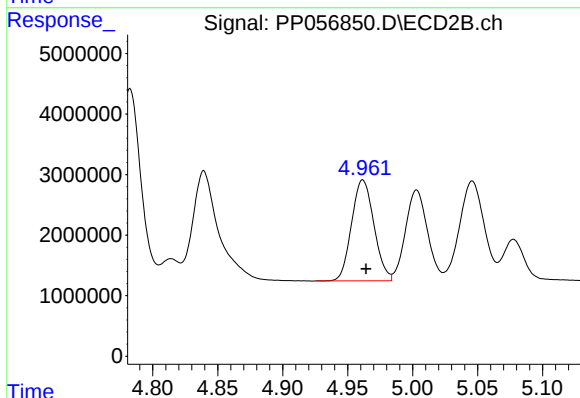
R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 36322291
Conc: 1059.81 ng/ml



#13 AR-1232-3

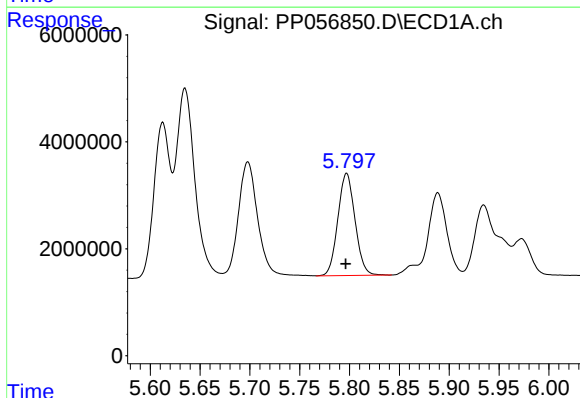
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 46199110
Conc: 1145.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



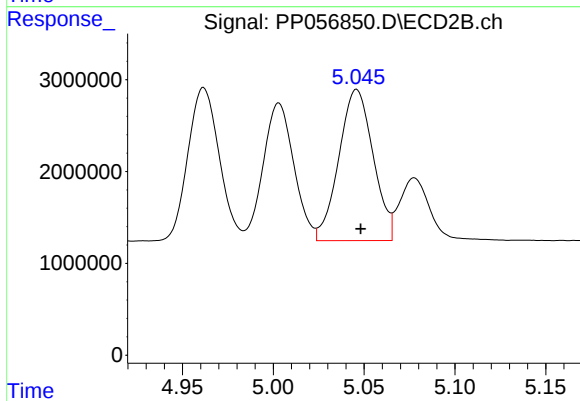
#13 AR-1232-3

R.T.: 4.962 min
Delta R.T.: -0.003 min
Response: 19989841
Conc: 1086.36 ng/ml



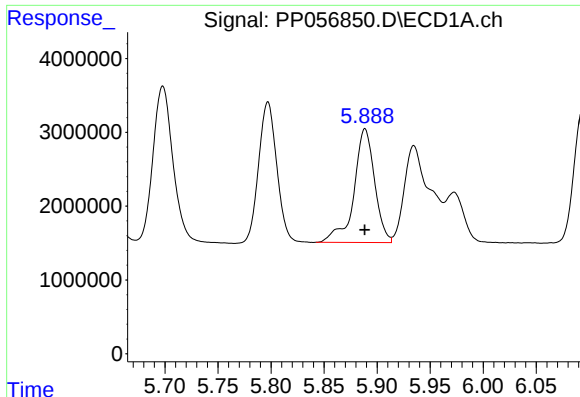
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 22958078
Conc: 1139.42 ng/ml



#14 AR-1232-4

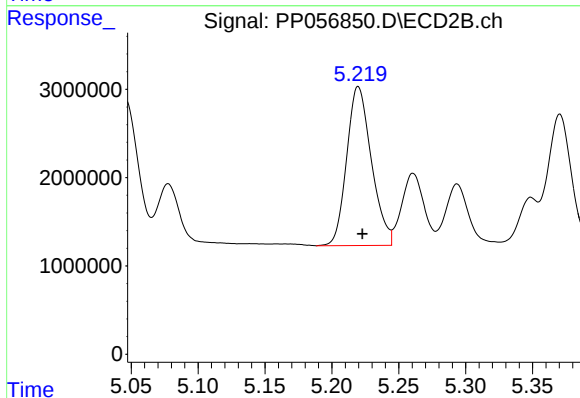
R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 21646233
Conc: 1129.59 ng/ml



#15 AR-1232-5

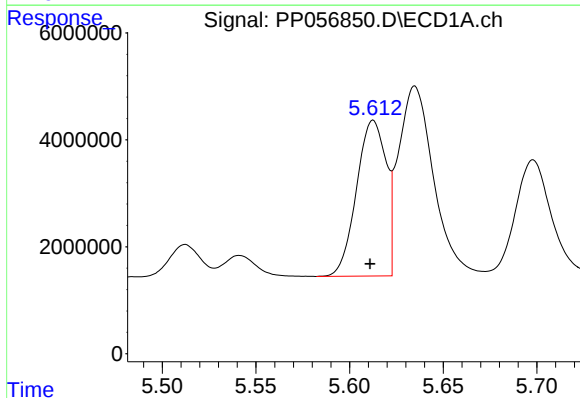
R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 20896833
Conc: 1188.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



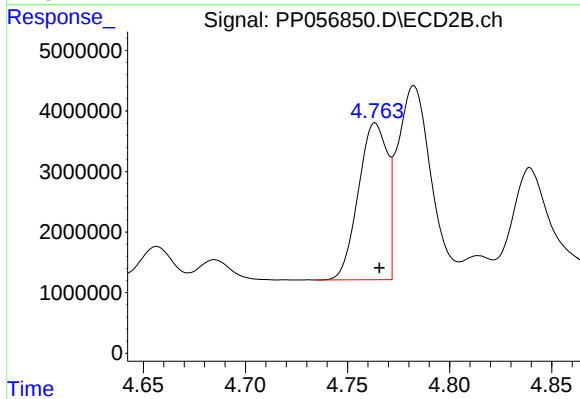
#15 AR-1232-5

R.T.: 5.220 min
Delta R.T.: -0.003 min
Response: 23182408
Conc: 1090.61 ng/ml



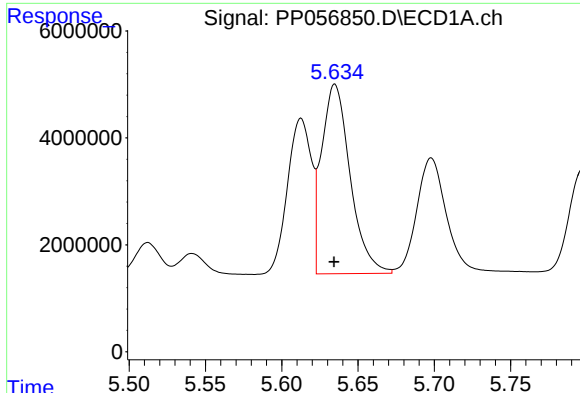
#16 AR-1242-1

R.T.: 5.613 min
Delta R.T.: 0.002 min
Response: 31984425
Conc: 636.03 ng/ml



#16 AR-1242-1

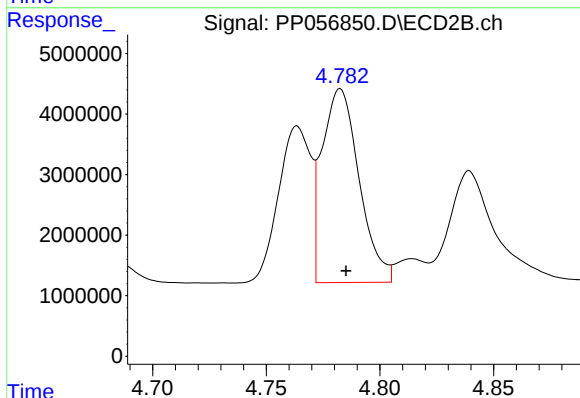
R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 25599466
Conc: 595.19 ng/ml



#17 AR-1242-2

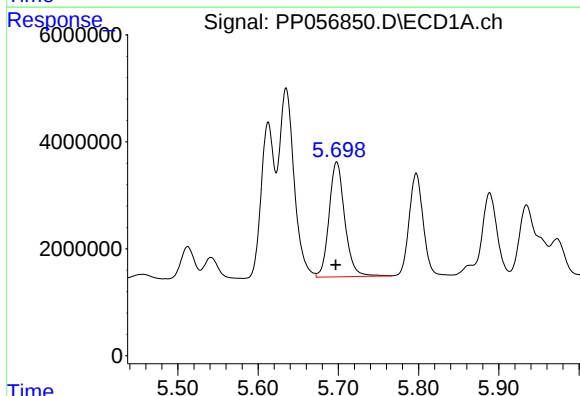
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 46199110
Conc: 634.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



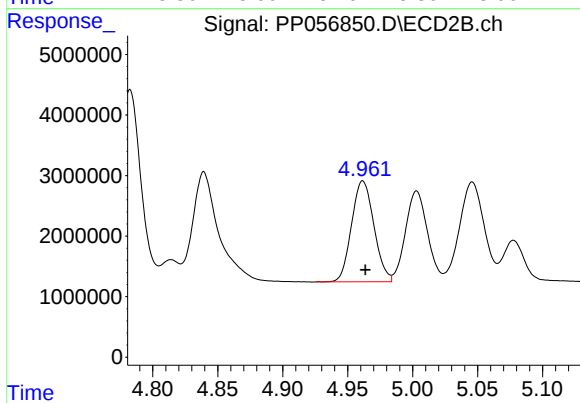
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 36322291
Conc: 610.43 ng/ml



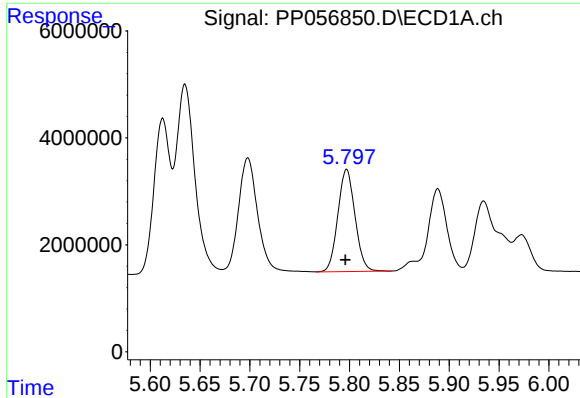
#18 AR-1242-3

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 29223927
Conc: 637.82 ng/ml



#18 AR-1242-3

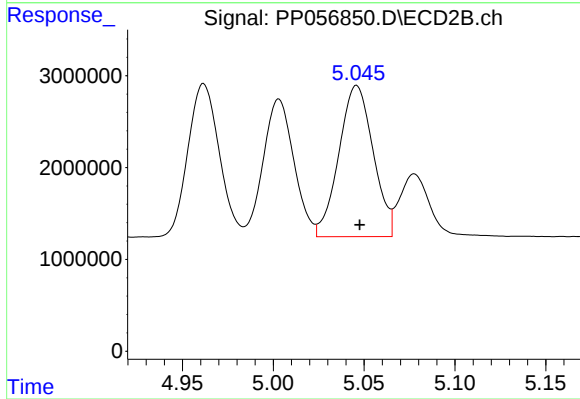
R.T.: 4.962 min
Delta R.T.: -0.002 min
Response: 19989841
Conc: 619.59 ng/ml



#19 AR-1242-4

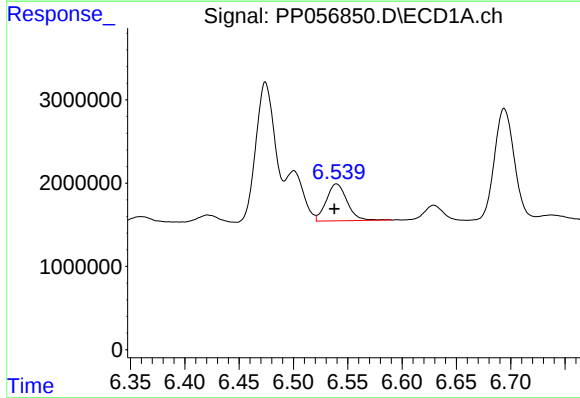
R.T.: 5.797 min
Delta R.T.: 0.001 min
Response: 22958078
Conc: 636.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



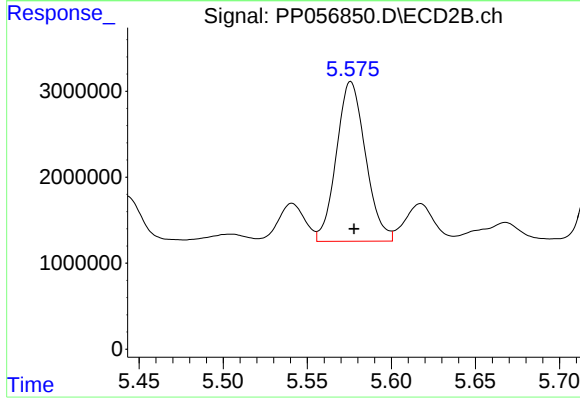
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 21646233
Conc: 594.10 ng/ml



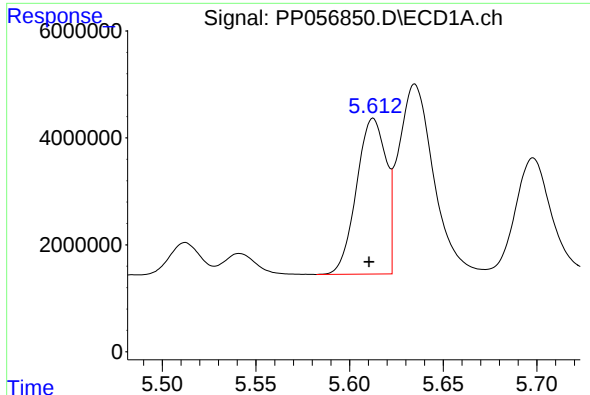
#20 AR-1242-5

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 5881497
Conc: 177.19 ng/ml



#20 AR-1242-5

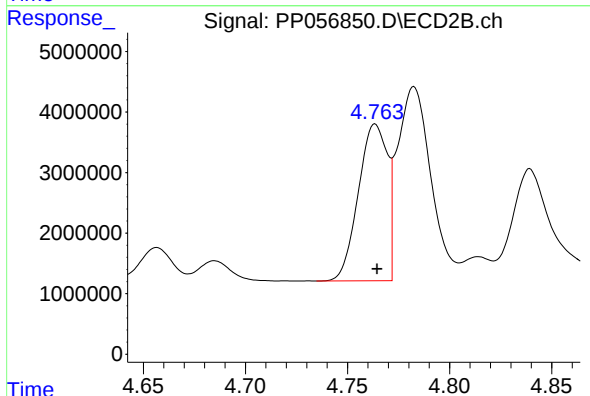
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 22395740
Conc: 561.69 ng/ml



#21 AR-1248-1

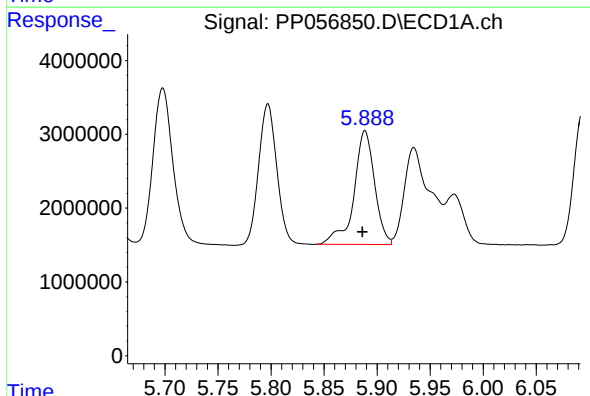
R.T.: 5.613 min
Delta R.T.: 0.002 min
Response: 31984425
Conc: 852.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



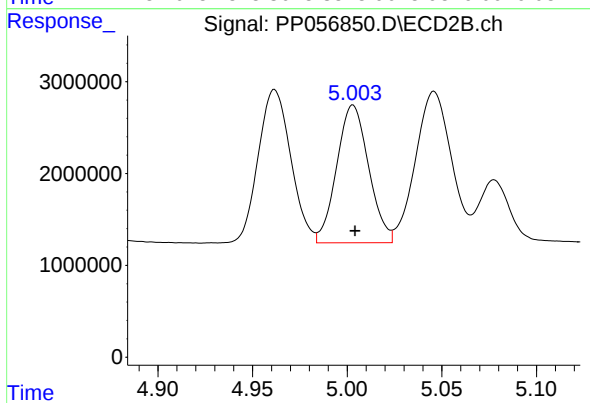
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 25599466
Conc: 777.68 ng/ml



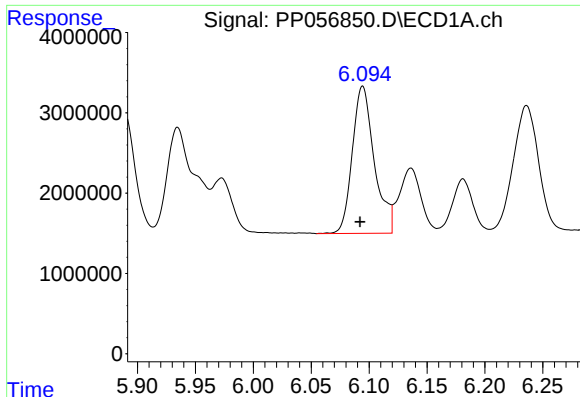
#22 AR-1248-2

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 20896833
Conc: 354.82 ng/ml



#22 AR-1248-2

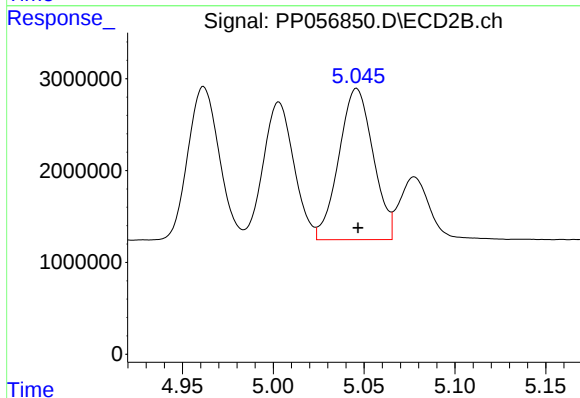
R.T.: 5.003 min
Delta R.T.: -0.001 min
Response: 17624227
Conc: 341.94 ng/ml



#23 AR-1248-3

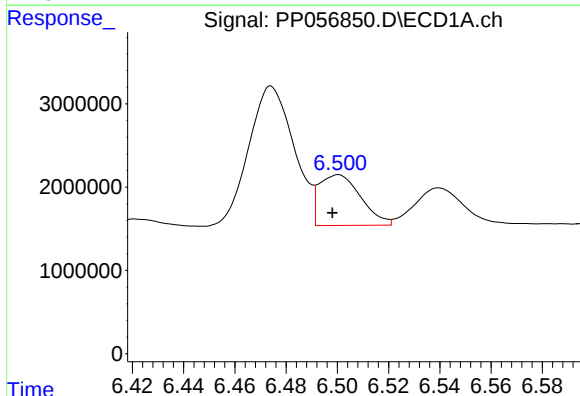
R.T.: 6.094 min
Delta R.T.: 0.002 min
Response: 24189574
Conc: 379.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



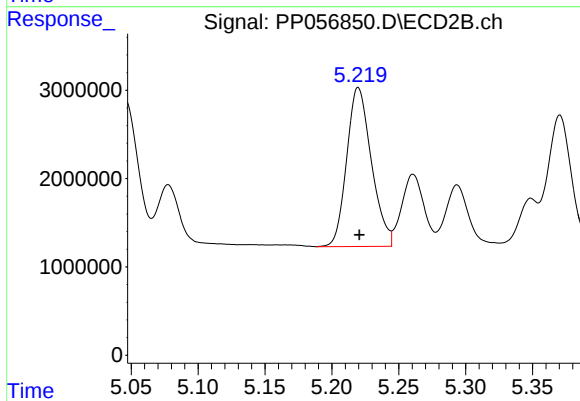
#23 AR-1248-3

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 21646233
Conc: 403.23 ng/ml



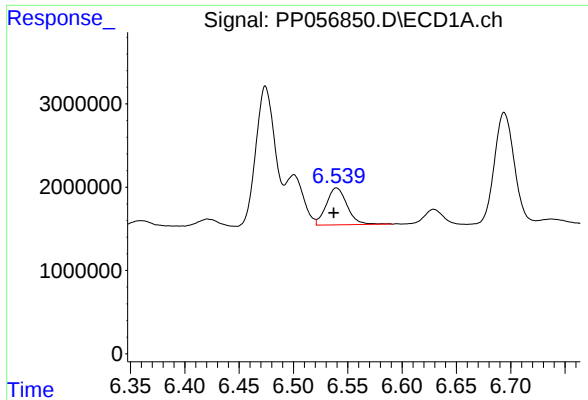
#24 AR-1248-4

R.T.: 6.500 min
Delta R.T.: 0.002 min
Response: 6837203
Conc: 117.73 ng/ml



#24 AR-1248-4

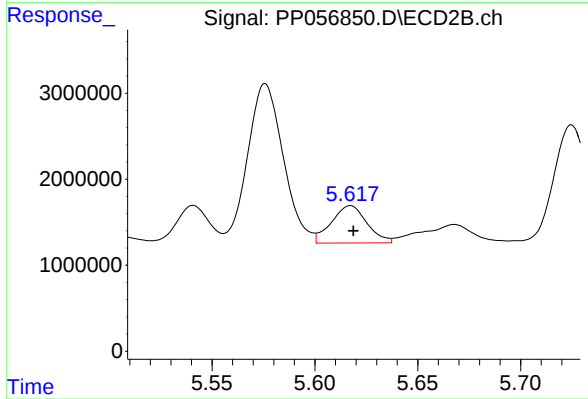
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 23182408
Conc: 374.66 ng/ml



#25 AR-1248-5

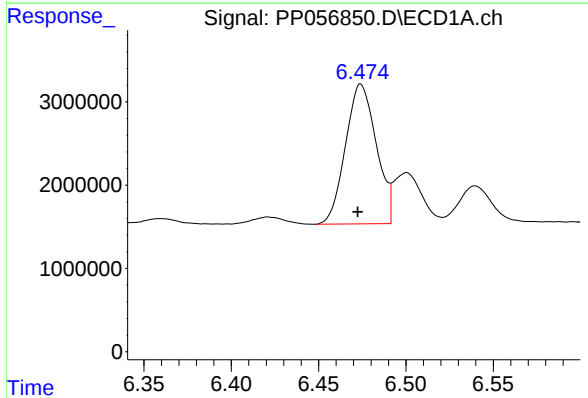
R.T.: 6.540 min
Delta R.T.: 0.003 min
Response: 5881497
Conc: 104.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



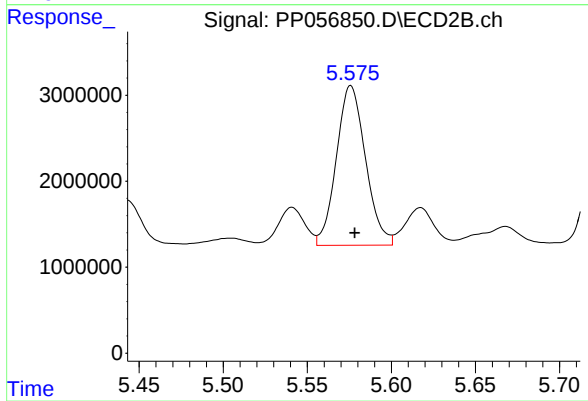
#25 AR-1248-5

R.T.: 5.617 min
Delta R.T.: -0.001 min
Response: 5227136
Conc: 101.81 ng/ml



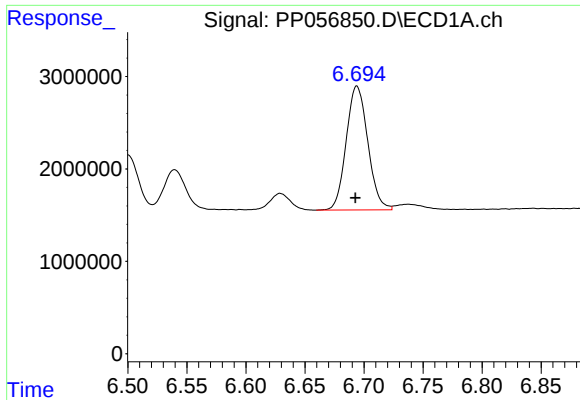
#26 AR-1254-1

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 20603732
Conc: 290.58 ng/ml



#26 AR-1254-1

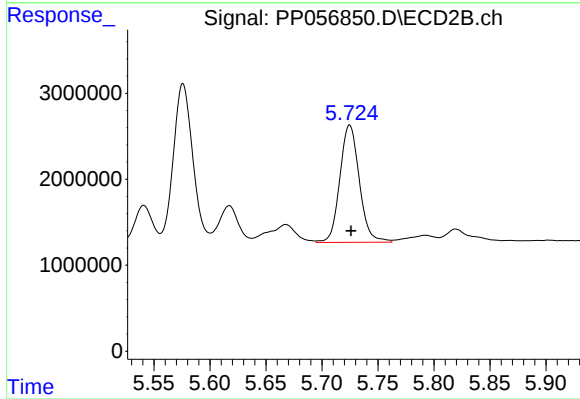
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 22395740
Conc: 243.12 ng/ml



#27 AR-1254-2

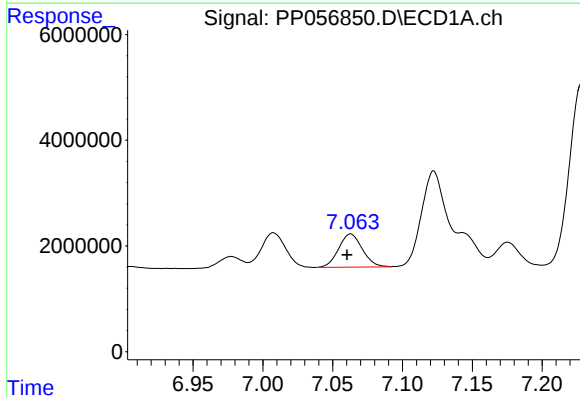
R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 17105107
Conc: 168.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



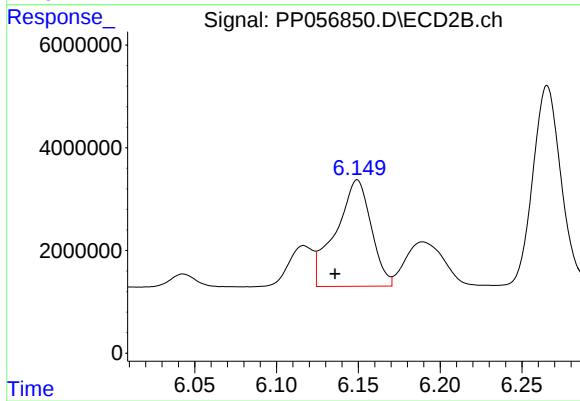
#27 AR-1254-2

R.T.: 5.725 min
Delta R.T.: -0.001 min
Response: 16534900
Conc: 205.74 ng/ml



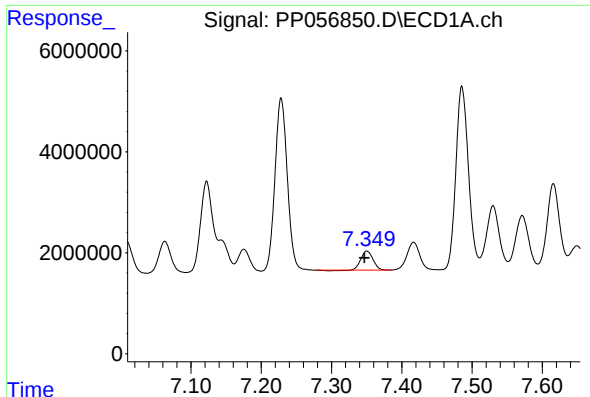
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 7424734
Conc: 76.60 ng/ml



#28 AR-1254-3

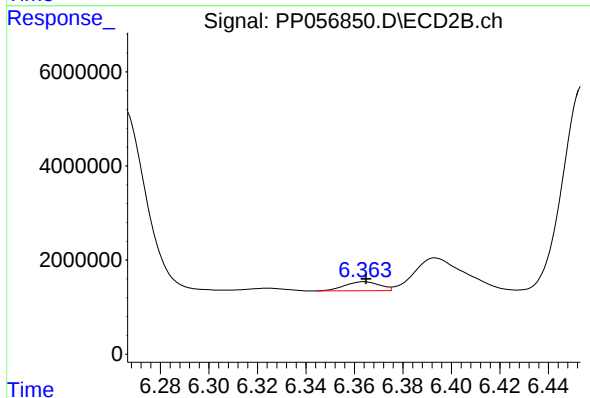
R.T.: 6.149 min
Delta R.T.: 0.014 min
Response: 31139923
Conc: 251.91 ng/ml



#29 AR-1254-4

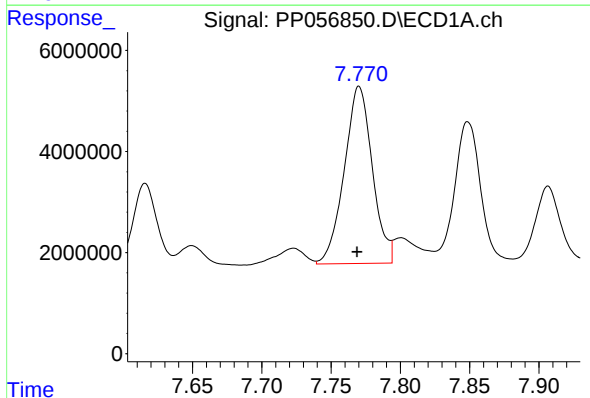
R.T.: 7.350 min
Delta R.T.: 0.003 min
Response: 4400868
Conc: 72.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



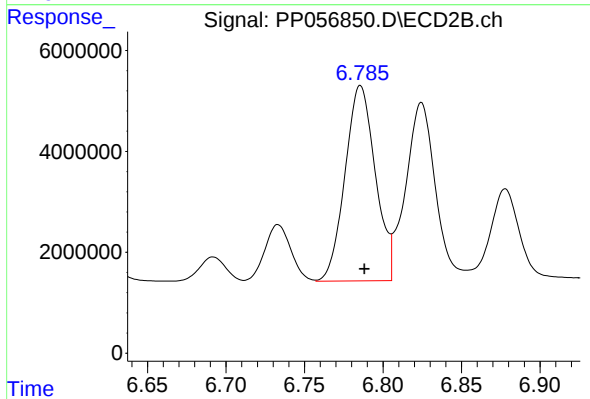
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 1928097
Conc: 30.34 ng/ml



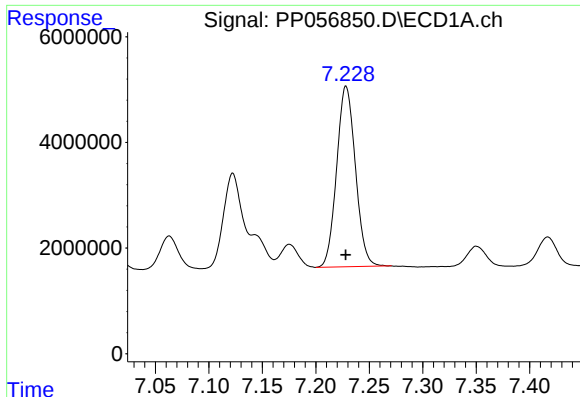
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: 0.001 min
Response: 49465333
Conc: 725.91 ng/ml



#30 AR-1254-5

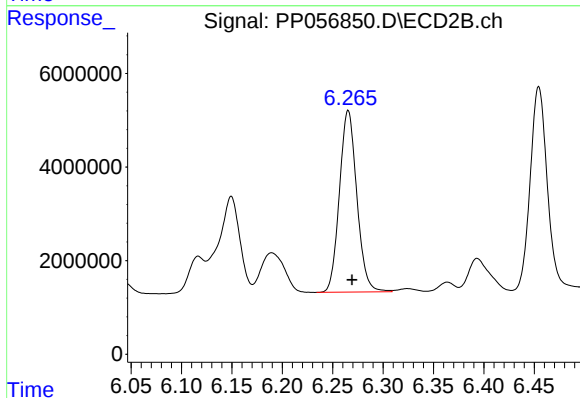
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 52062333
Conc: 495.19 ng/ml



#31 AR-1260-1

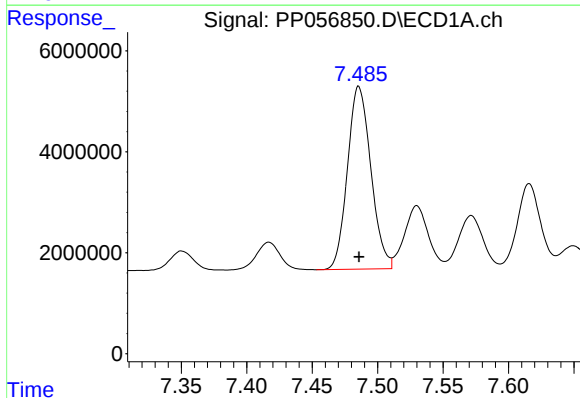
R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 41730777
Conc: 512.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



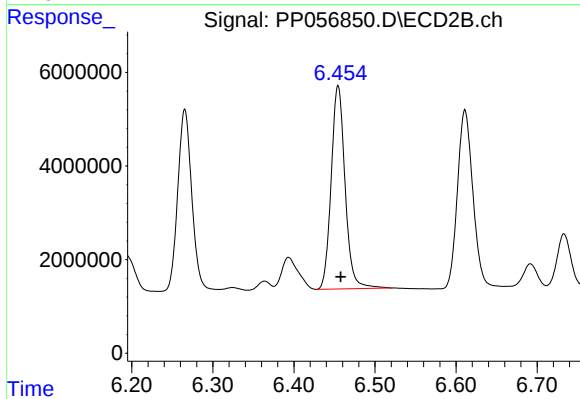
#31 AR-1260-1

R.T.: 6.265 min
Delta R.T.: -0.004 min
Response: 46640353
Conc: 487.65 ng/ml



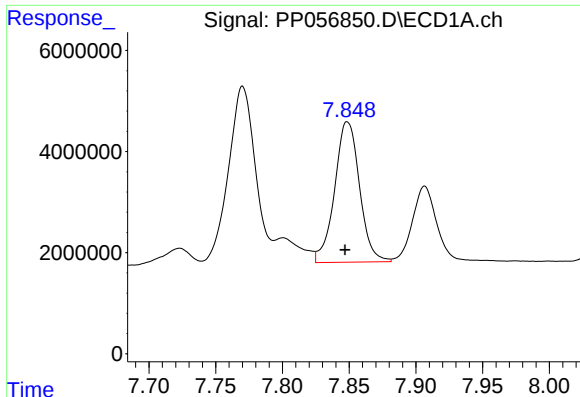
#32 AR-1260-2

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 45101011
Conc: 528.63 ng/ml



#32 AR-1260-2

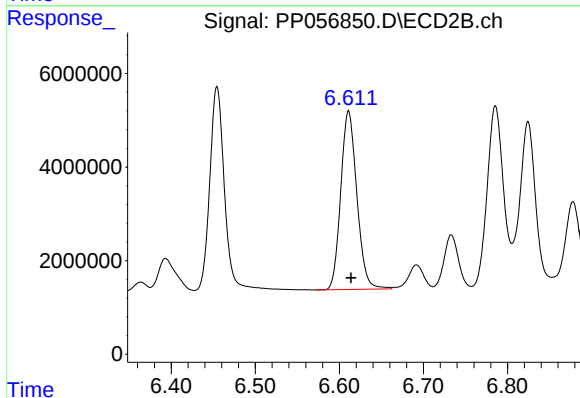
R.T.: 6.455 min
Delta R.T.: -0.003 min
Response: 51805482
Conc: 501.61 ng/ml



#33 AR-1260-3

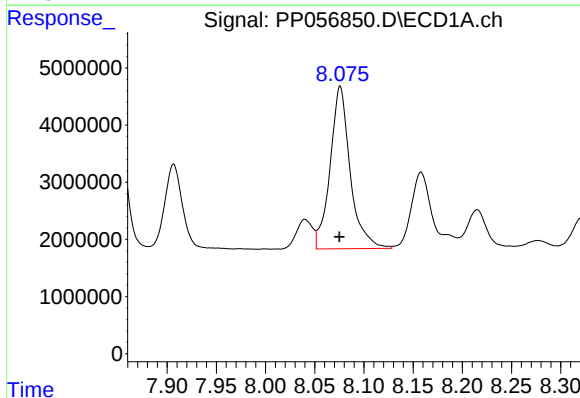
R.T.: 7.849 min
Delta R.T.: 0.002 min
Response: 36126756
Conc: 517.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



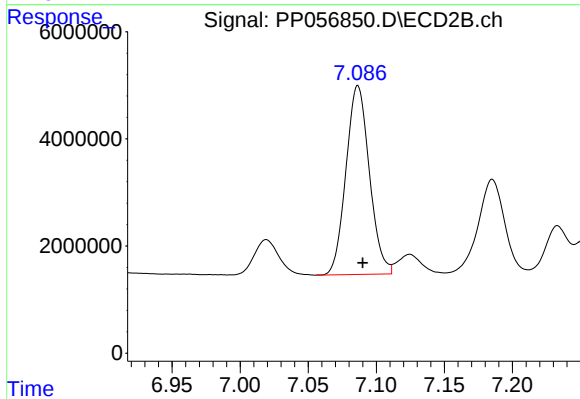
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 50785455
Conc: 489.71 ng/ml



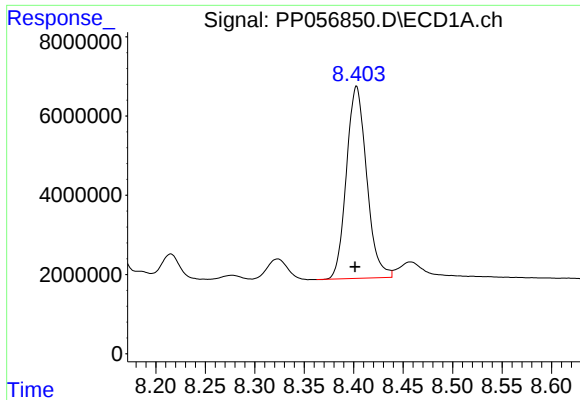
#34 AR-1260-4

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 40442680
Conc: 530.05 ng/ml



#34 AR-1260-4

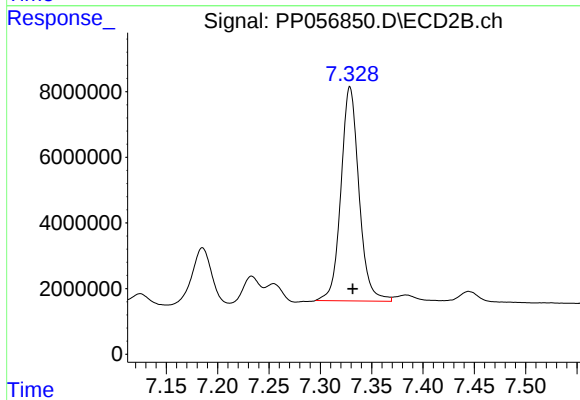
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 42154365
Conc: 493.55 ng/ml



#35 AR-1260-5

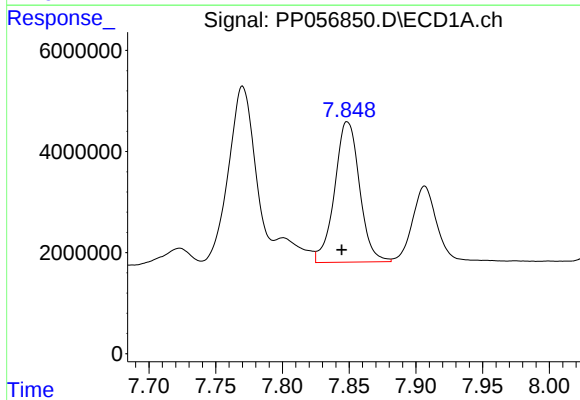
R.T.: 8.403 min
Delta R.T.: 0.002 min
Response: 69109891
Conc: 546.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



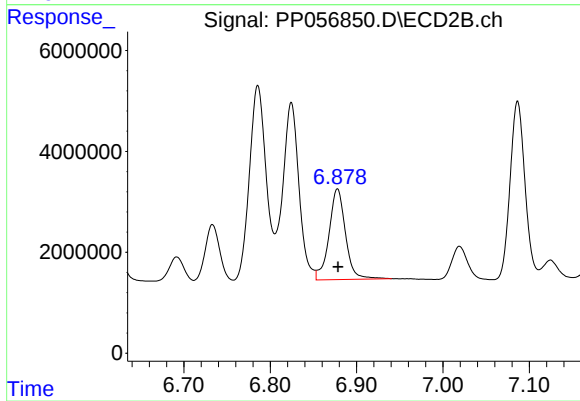
#35 AR-1260-5

R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 79832065
Conc: 504.43 ng/ml



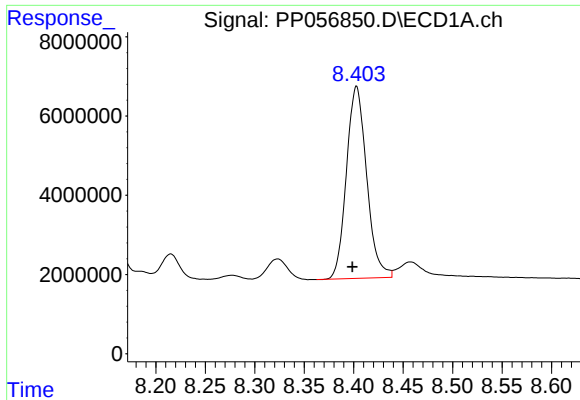
#36 AR-1262-1

R.T.: 7.849 min
Delta R.T.: 0.004 min
Response: 36126756
Conc: 410.16 ng/ml



#36 AR-1262-1

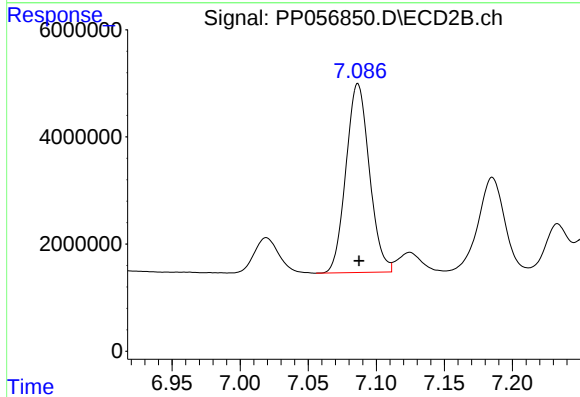
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 23840697
Conc: 509.52 ng/ml



#37 AR-1262-2

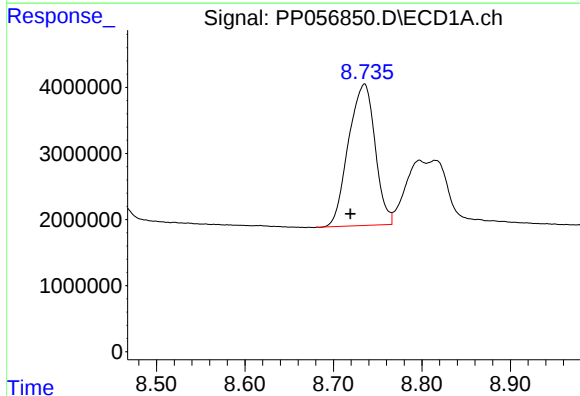
R.T.: 8.403 min
Delta R.T.: 0.004 min
Response: 69109891
Conc: 533.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



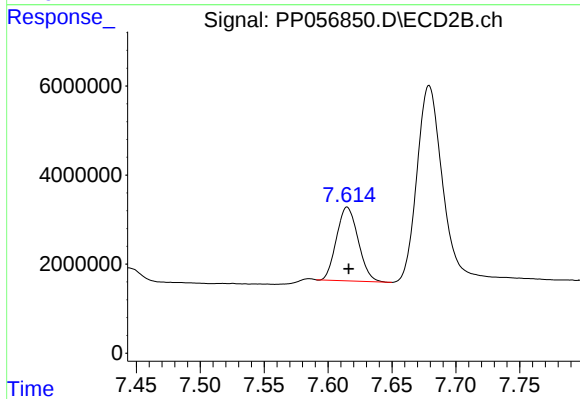
#37 AR-1262-2

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 42154365
Conc: 431.00 ng/ml



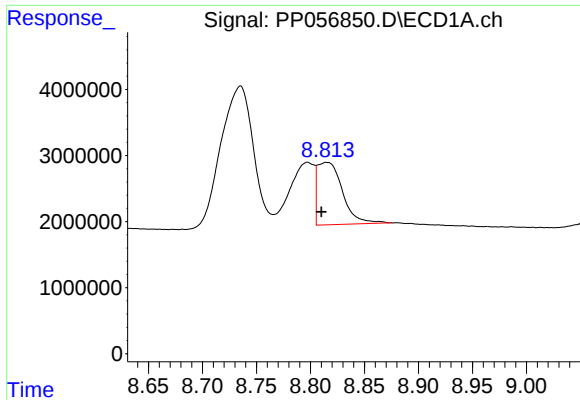
#38 AR-1262-3

R.T.: 8.735 min
Delta R.T.: 0.016 min
Response: 44693041
Conc: 485.21 ng/ml



#38 AR-1262-3

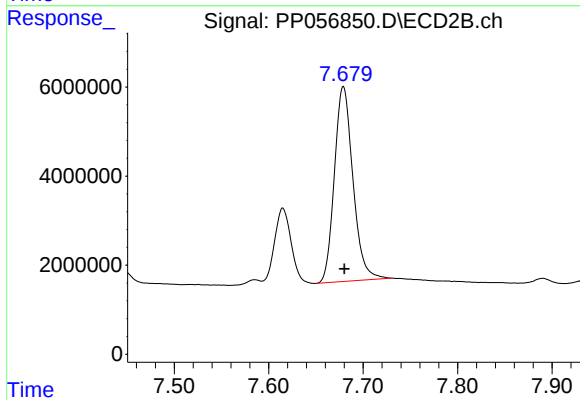
R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 19528160
Conc: 294.04 ng/ml



#39 AR-1262-4

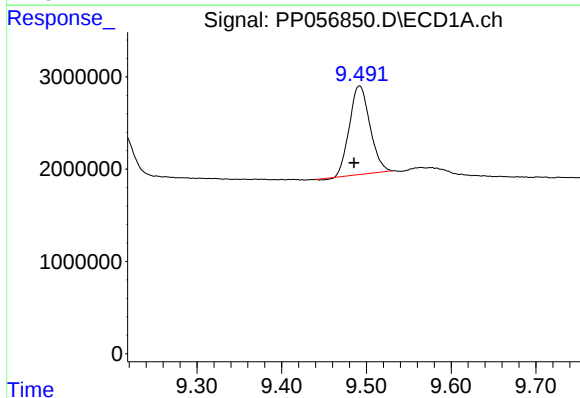
R.T.: 8.815 min
Delta R.T.: 0.005 min
Response: 15290318
Conc: 336.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



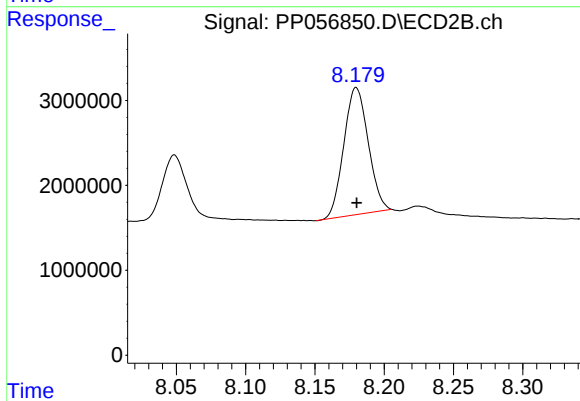
#39 AR-1262-4

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 59752412
Conc: 506.96 ng/ml



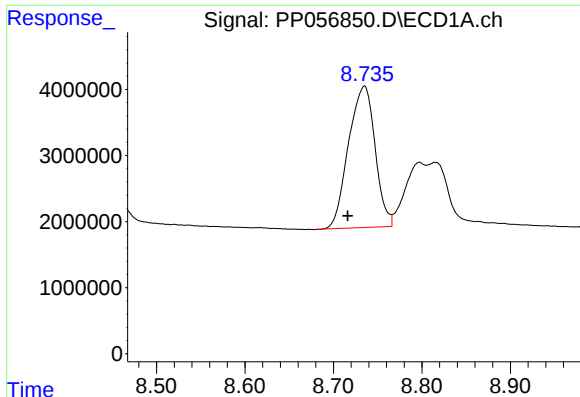
#40 AR-1262-5

R.T.: 9.492 min
Delta R.T.: 0.006 min
Response: 16167437
Conc: 402.45 ng/ml



#40 AR-1262-5

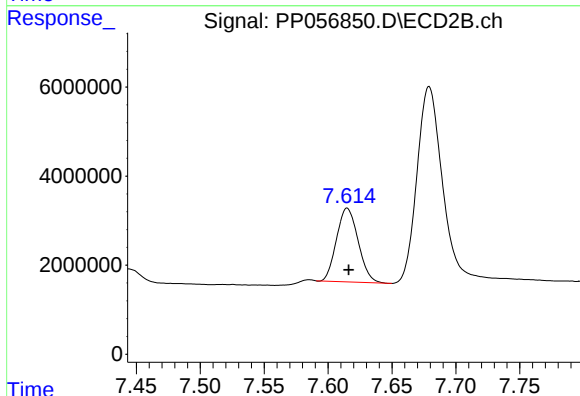
R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 18383247
Conc: 377.19 ng/ml



#41 AR-1268-1

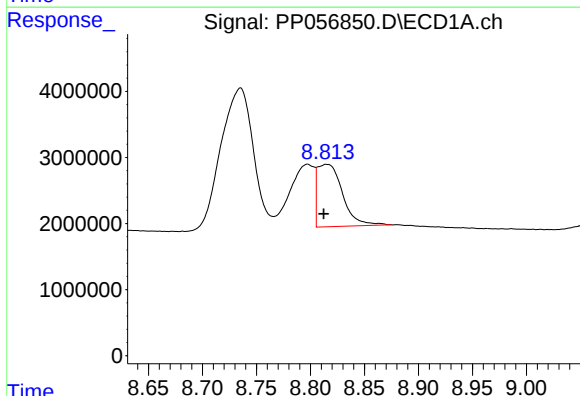
R.T.: 8.735 min
Delta R.T.: 0.019 min
Response: 44693041
Conc: 239.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



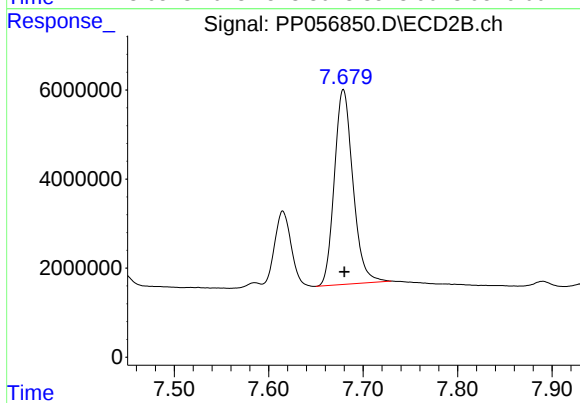
#41 AR-1268-1

R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 19528160
Conc: 88.09 ng/ml



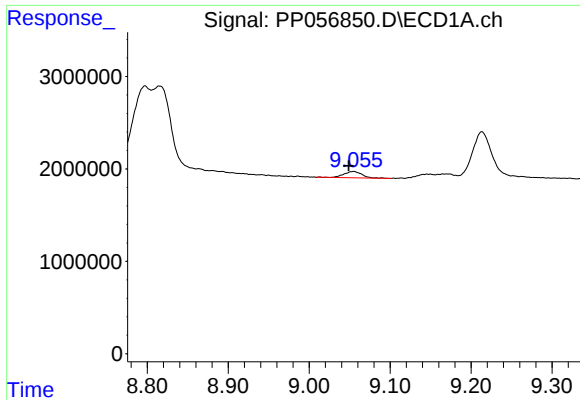
#42 AR-1268-2

R.T.: 8.815 min
Delta R.T.: 0.003 min
Response: 15290318
Conc: 92.14 ng/ml



#42 AR-1268-2

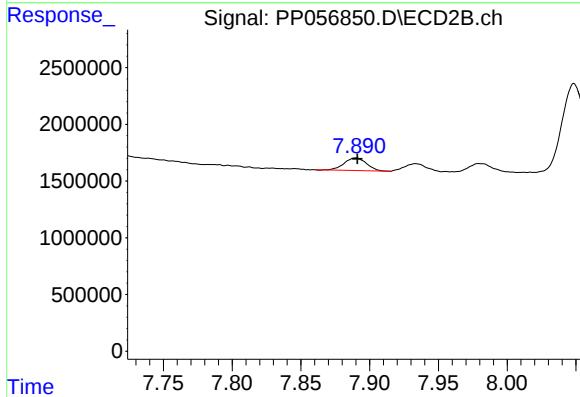
R.T.: 7.679 min
Delta R.T.: -0.001 min
Response: 59752412
Conc: 307.68 ng/ml



#43 AR-1268-3

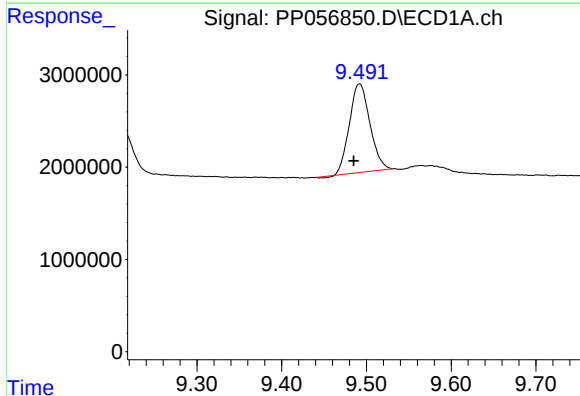
R.T.: 9.055 min
Delta R.T.: 0.006 min
Response: 1037847
Conc: 6.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



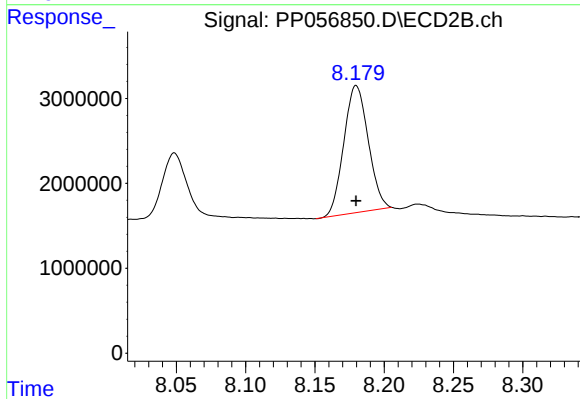
#43 AR-1268-3

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 1248848
Conc: 6.30 ng/ml



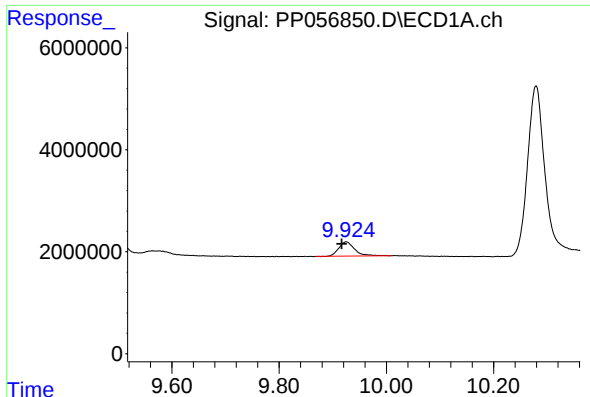
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: 0.007 min
Response: 16167437
Conc: 348.21 ng/ml



#44 AR-1268-4

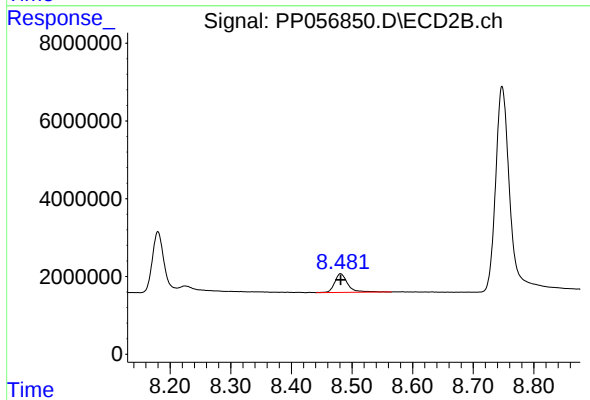
R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 18383247
Conc: 317.82 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: 0.008 min
Response: 5683988
Conc: 13.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 7192653
Conc: 14.16 ng/ml