

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080923\
 Data File : PP059257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 10:34
 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: Aug 09 16:04:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.415	3.647	60318005	103.1E6	49.158	50.896
2)	SA Decachlor...	10.209	8.684	39416652	73415466	51.644	52.186
Target Compounds							
3)	L1 AR-1016-1	5.592	4.740	19365876	32614828	492.918	508.511
4)	L1 AR-1016-2	5.614	4.759	28085098	47127239	495.436	518.797
5)	L1 AR-1016-3	5.677	4.935	17985174	25537400	501.339	531.502
6)	L1 AR-1016-4	5.776	4.978	14720253	21287573	508.172	515.546
7)	L1 AR-1016-5	6.073	5.191	15506667	26770275	512.385	514.494
8)	L2 AR-1221-1	4.621	3.861	2375380	4279687	150.778	157.654
9)	L2 AR-1221-2	4.712	3.948	3396127	5662921	287.590	284.429
10)	L2 AR-1221-3	4.788	4.025	11936950	19706444	338.992	331.014
11)	L3 AR-1232-1	4.788	4.025	11936950	19706444	406.067	415.324
12)	L3 AR-1232-2	5.322	4.759	16216224	47127239	1040.365	1111.007
13)	L3 AR-1232-3	5.614	4.935	28085098	25537400	1063.602	1150.967
14)	L3 AR-1232-4	5.776	5.020	14720253	25804451	1112.262	1222.132
15)	L3 AR-1232-5	5.868	5.191	13617585	26770275	1193.002	1167.849
16)	L4 AR-1242-1	5.592	4.740	19365876	32614828	565.737	582.776
17)	L4 AR-1242-2	5.614	4.759	28085098	47127239	572.347	591.036
18)	L4 AR-1242-3	5.677	4.935	17985174	25537400	572.441	599.199
19)	L4 AR-1242-4	5.776	5.020	14720253	25804451	574.017	590.951
20)	L4 AR-1242-5	6.517	5.545	4213263	25949081	163.089	522.401 #
21)	L5 AR-1248-1	5.592	4.740	19365876	32614828	763.025	792.817
22)	L5 AR-1248-2	5.868	4.978	13617585	21287573	351.827	353.512
23)	L5 AR-1248-3	6.073	5.020	15506667	25804451	367.057	418.836
24)	L5 AR-1248-4	6.478	5.191	4880880	26770275	117.231	371.830 #
25)	L5 AR-1248-5	6.517	5.587	4213263	7096564	103.288	107.548
26)	L6 AR-1254-1	6.452	5.545	13788097	25949081	295.155	256.122
27)	L6 AR-1254-2	6.671	5.694	11871616	19098343	172.532	216.342 #
28)	L6 AR-1254-3	7.039	6.115	5496166	34348675	79.631	248.461 #
29)	L6 AR-1254-4	7.326	6.330	3252859	2617451	72.261	32.563 #
30)	L6 AR-1254-5	7.745	6.749	31306495	61739916	666.279	516.276
31)	L7 AR-1260-1	7.204	6.230	29144970	51312259	532.725	518.103
32)	L7 AR-1260-2	7.462	6.419	30407675	60578186	510.721	523.538
33)	L7 AR-1260-3	7.823	6.573	22222913	56578330	564.679	508.644
34)	L7 AR-1260-4	8.050	7.047	22336928	45926839	502.928	529.751
35)	L7 AR-1260-5	8.370	7.290	41014454	98384805	512.875	533.760
36)	L8 AR-1262-1	7.823	6.840	22222913	26294791	348.914	457.025 #
37)	L8 AR-1262-2	8.370	7.047	41014454	45926839	446.606	389.218
38)	L8 AR-1262-3	8.696	7.575	26632771	21888490	413.855	257.211 #
39)	L8 AR-1262-4	8.774	7.639	8326910	66478259	250.760	440.075 #
40)	L8 AR-1262-5	9.440	8.137	10437314	21877911	349.759	343.044
41)	L9 AR-1268-1	8.696	7.575	26632771	21888490	234.510	89.762 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

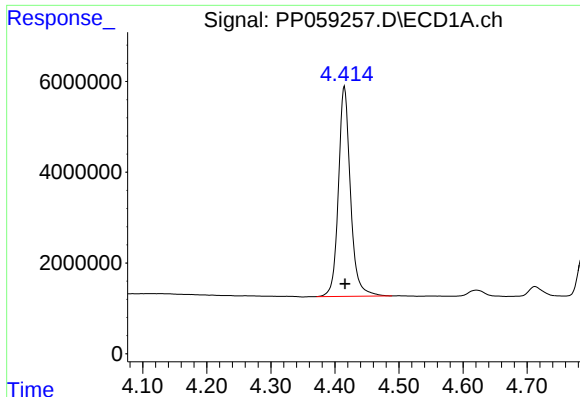
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 16:04:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.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	8.774	7.639	8326910	66478259	84.609	303.525 #
43) L9	AR-1268-3	9.008	7.848	588117	1208416	6.344	6.180
44) L9	AR-1268-4	9.440	8.137	10437314	21877911	327.181	314.382
45) L9	AR-1268-5	9.862	8.429	3145961	5959297	11.589	11.495

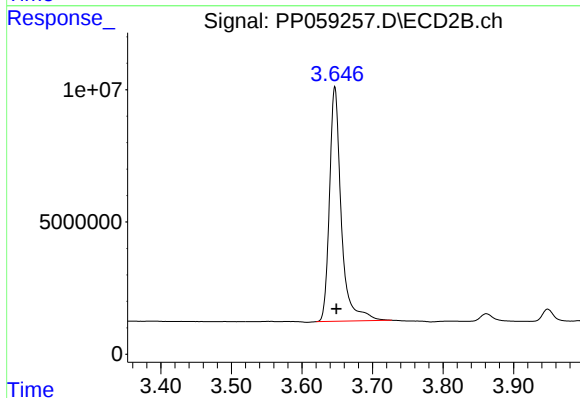
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

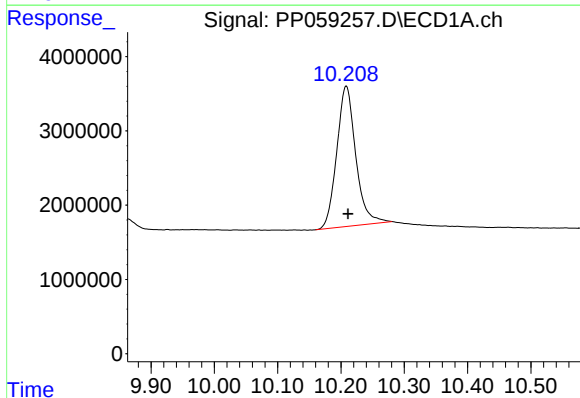
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 60318005
Conc: 49.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



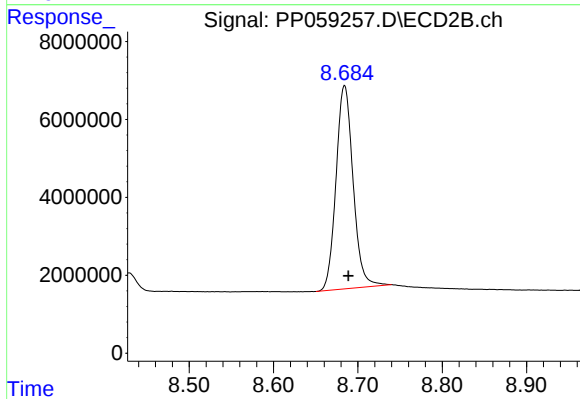
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.002 min
Response: 103122389
Conc: 50.90 ng/ml



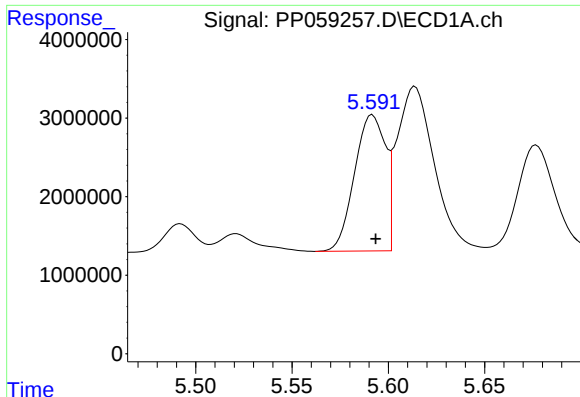
#2 Decachlorobiphenyl

R.T.: 10.209 min
Delta R.T.: -0.003 min
Response: 39416652
Conc: 51.64 ng/ml



#2 Decachlorobiphenyl

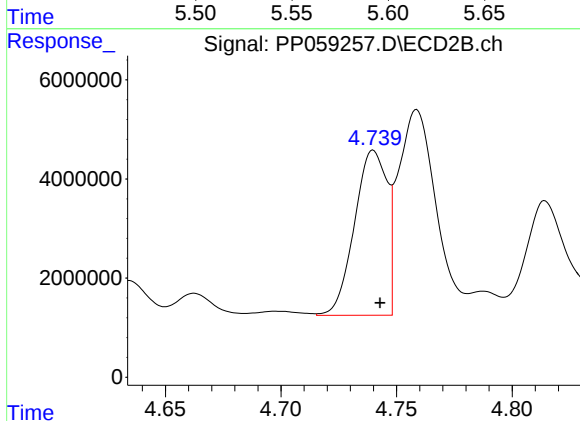
R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 73415466
Conc: 52.19 ng/ml



#3 AR-1016-1

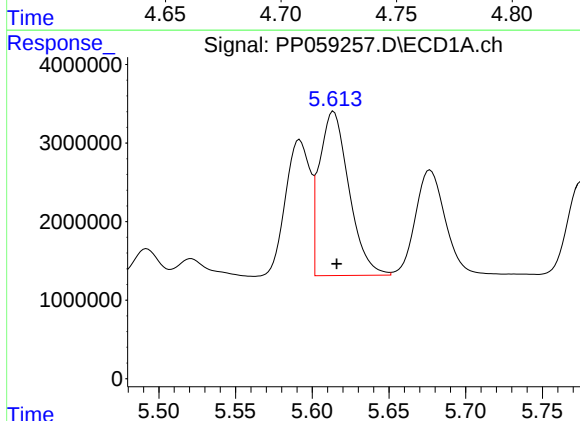
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 19365876
Conc: 492.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



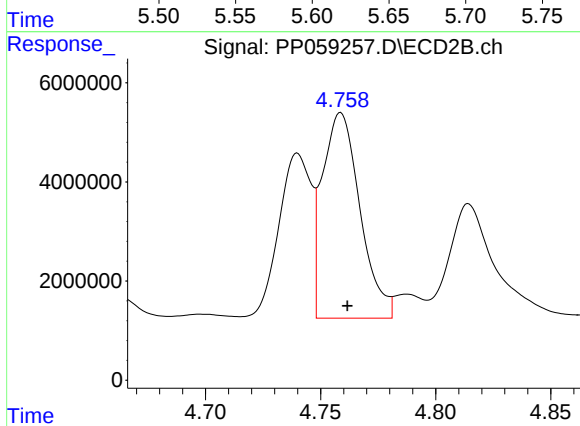
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 32614828
Conc: 508.51 ng/ml



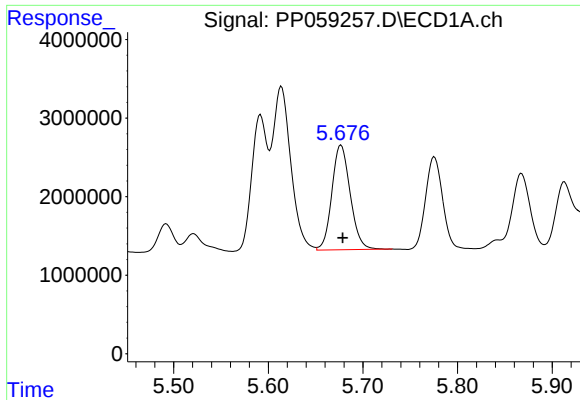
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28085098
Conc: 495.44 ng/ml



#4 AR-1016-2

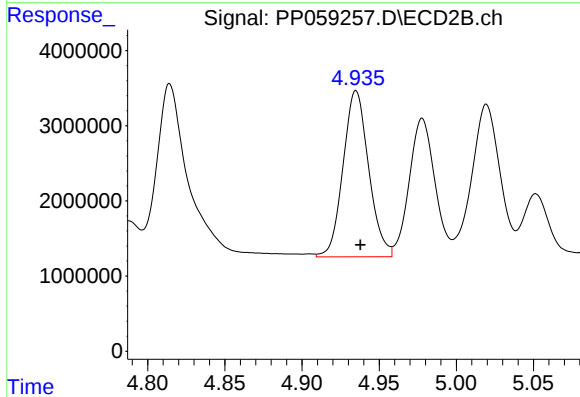
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 47127239
Conc: 518.80 ng/ml



#5 AR-1016-3

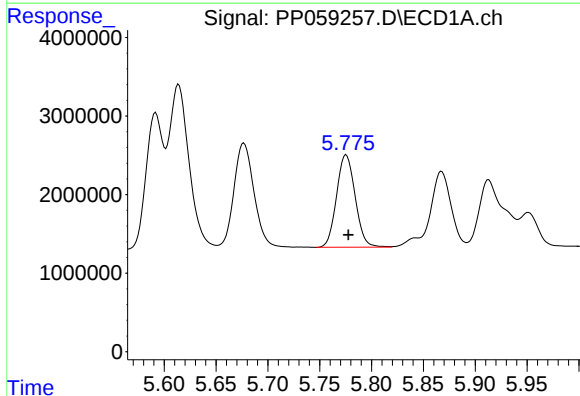
R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 17985174
Conc: 501.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



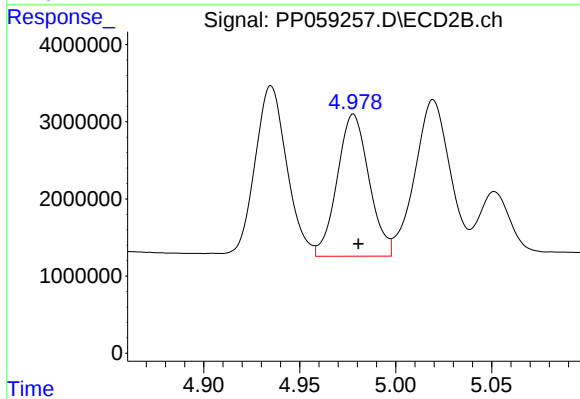
#5 AR-1016-3

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 25537400
Conc: 531.50 ng/ml



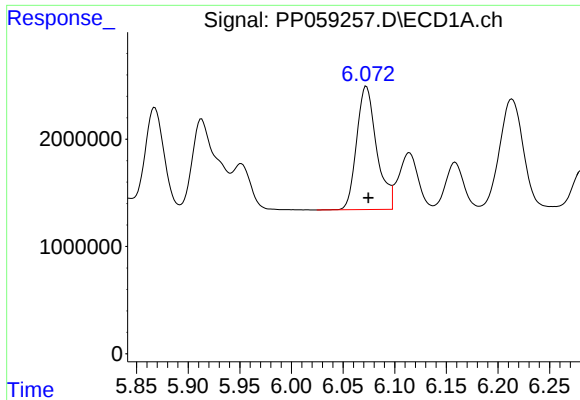
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 14720253
Conc: 508.17 ng/ml



#6 AR-1016-4

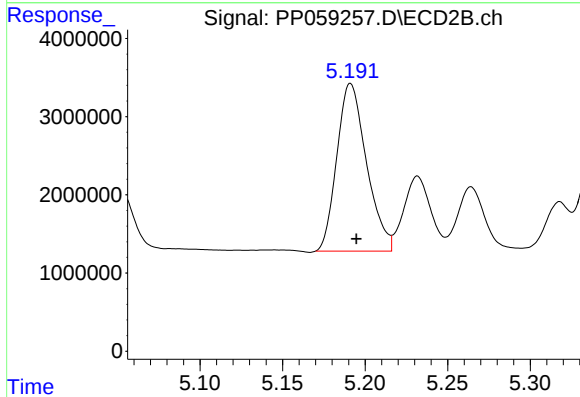
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 21287573
Conc: 515.55 ng/ml



#7 AR-1016-5

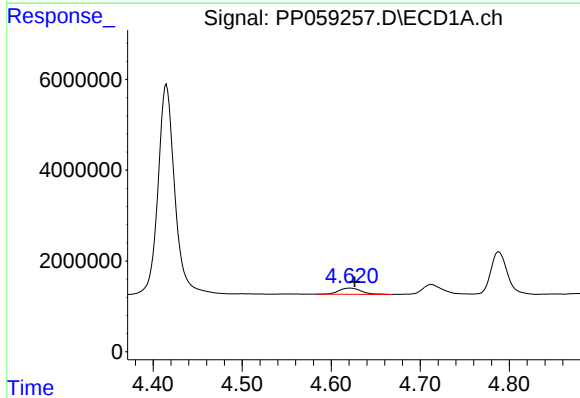
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 15506667
Conc: 512.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



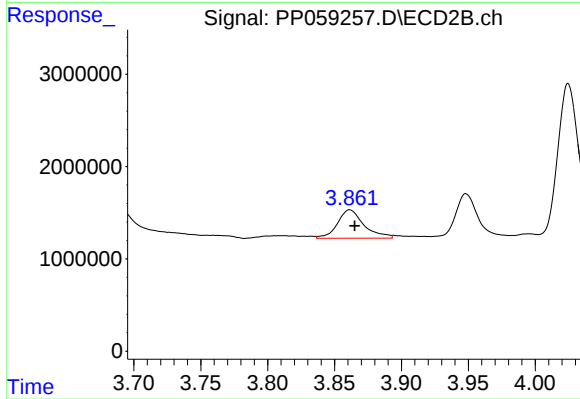
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 26770275
Conc: 514.49 ng/ml



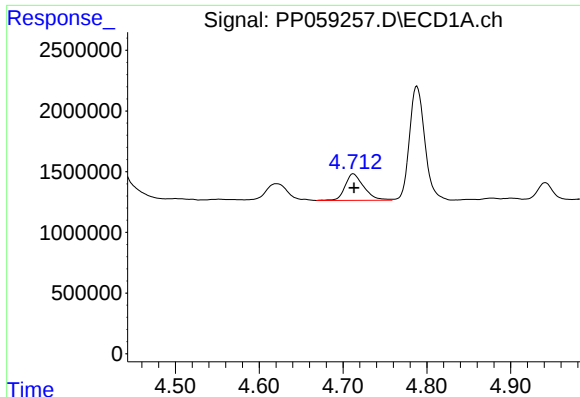
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.006 min
Response: 2375380
Conc: 150.78 ng/ml



#8 AR-1221-1

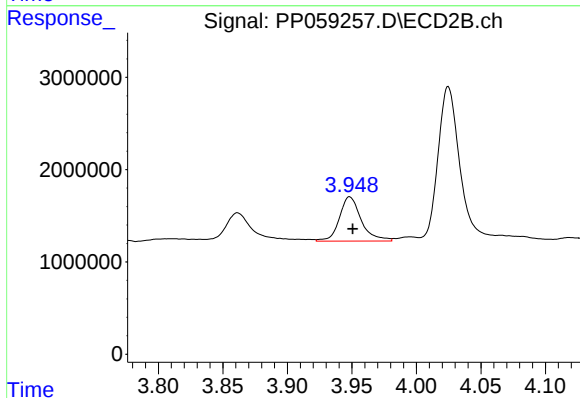
R.T.: 3.861 min
Delta R.T.: -0.004 min
Response: 4279687
Conc: 157.65 ng/ml



#9 AR-1221-2

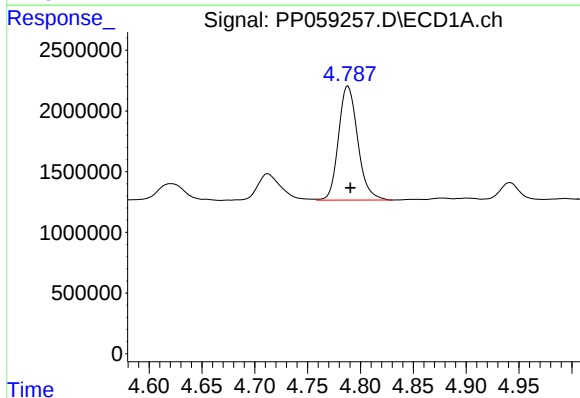
R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 3396127
Conc: 287.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



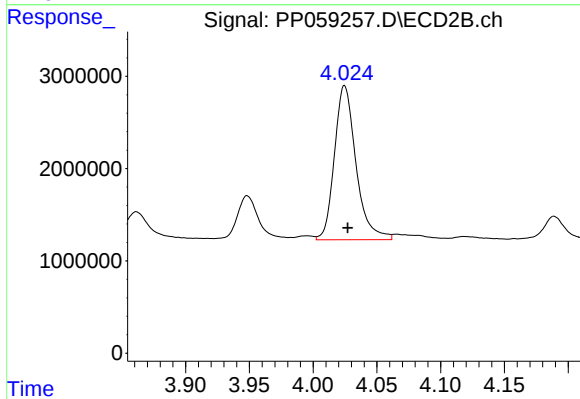
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 5662921
Conc: 284.43 ng/ml



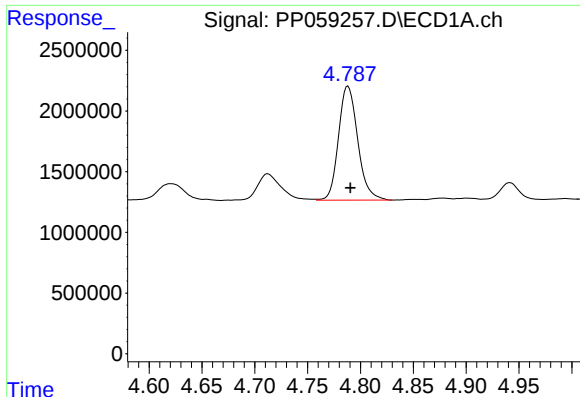
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 11936950
Conc: 338.99 ng/ml



#10 AR-1221-3

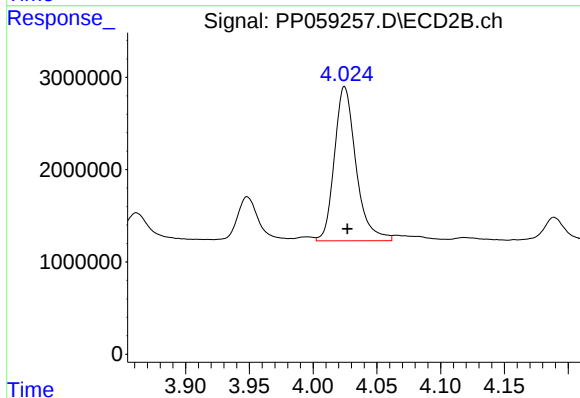
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 19706444
Conc: 331.01 ng/ml



#11 AR-1232-1

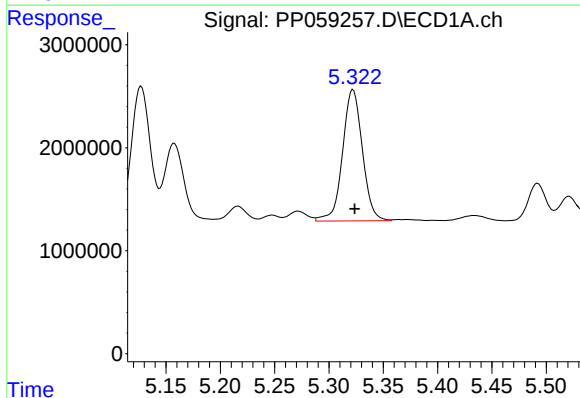
R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 11936950
Conc: 406.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



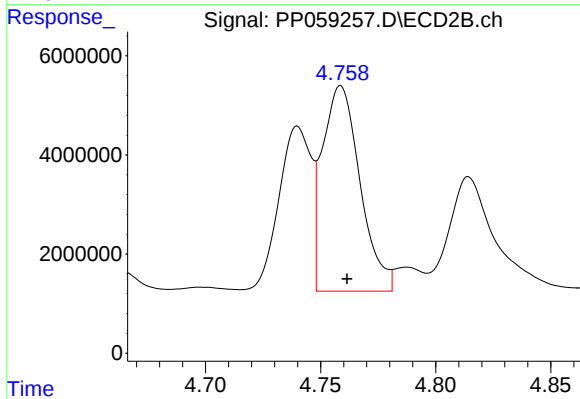
#11 AR-1232-1

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 19706444
Conc: 415.32 ng/ml



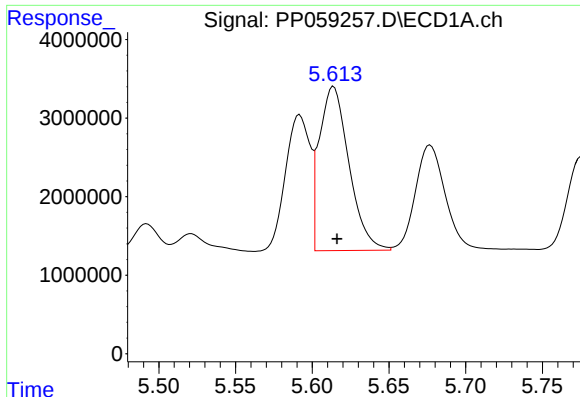
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 16216224
Conc: 1040.37 ng/ml



#12 AR-1232-2

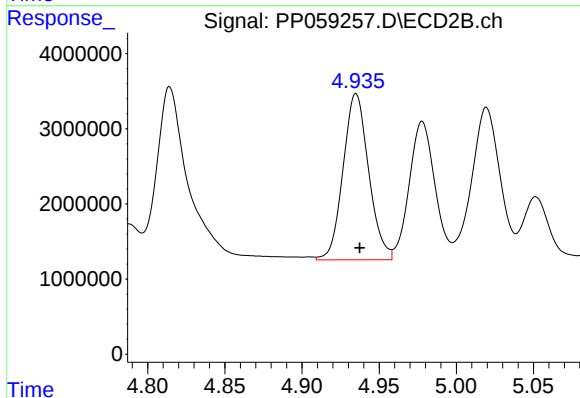
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 47127239
Conc: 1111.01 ng/ml



#13 AR-1232-3

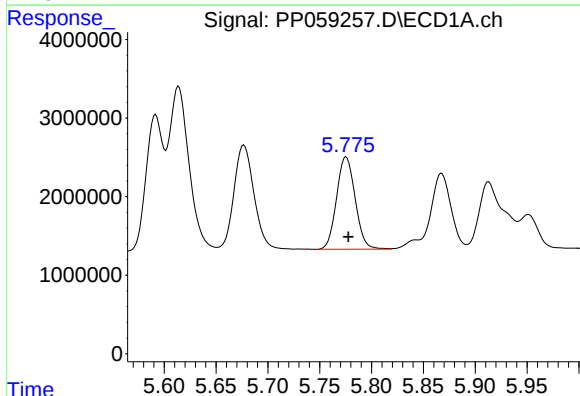
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28085098
Conc: 1063.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



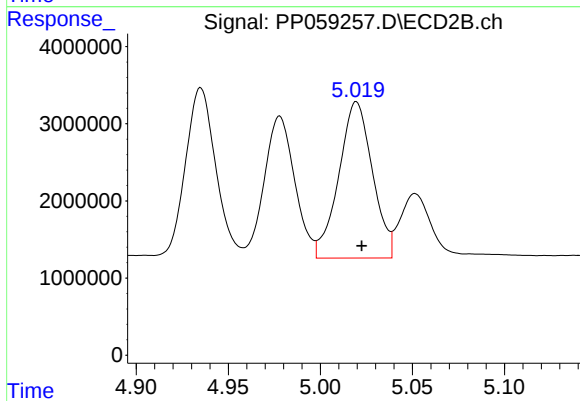
#13 AR-1232-3

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 25537400
Conc: 1150.97 ng/ml



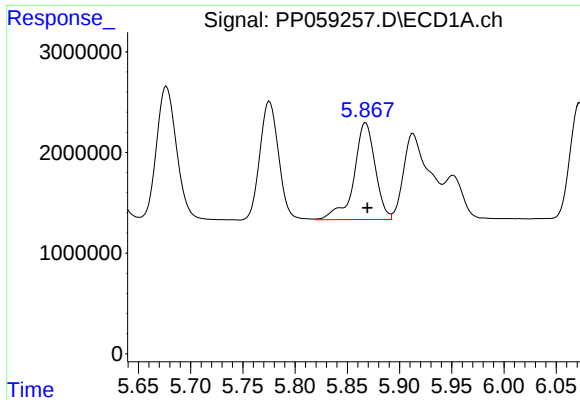
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 14720253
Conc: 1112.26 ng/ml



#14 AR-1232-4

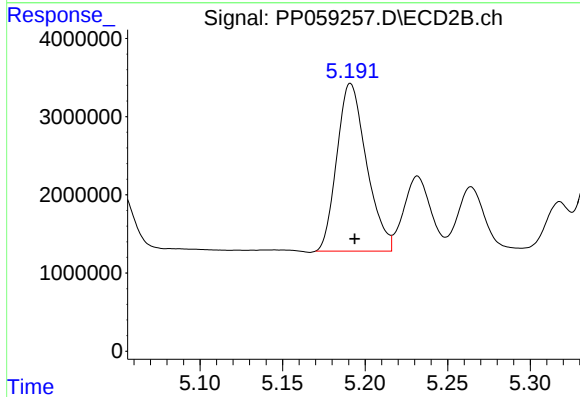
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 25804451
Conc: 1222.13 ng/ml



#15 AR-1232-5

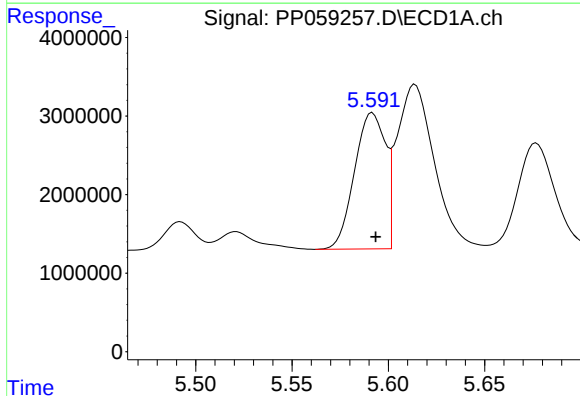
R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 13617585
Conc: 1193.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



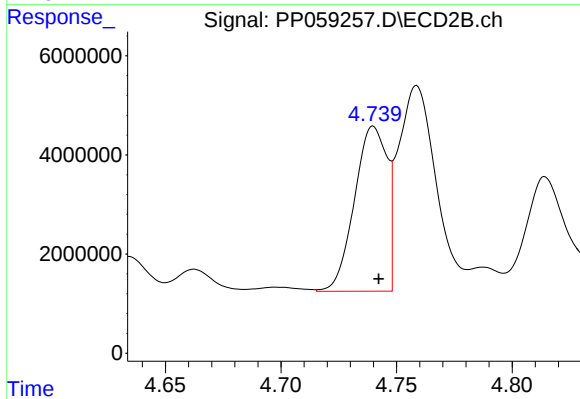
#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 26770275
Conc: 1167.85 ng/ml



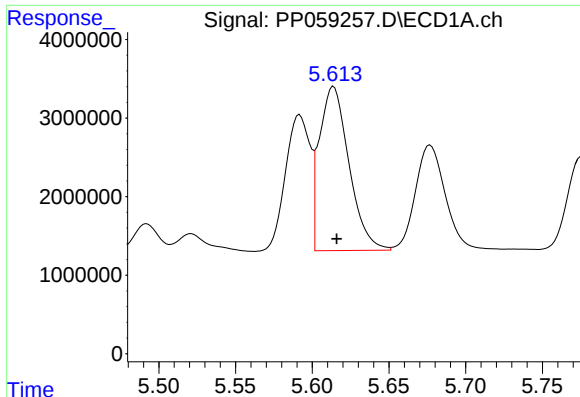
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 19365876
Conc: 565.74 ng/ml



#16 AR-1242-1

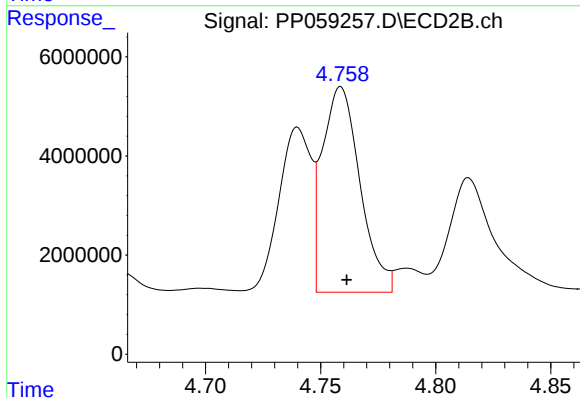
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 32614828
Conc: 582.78 ng/ml



#17 AR-1242-2

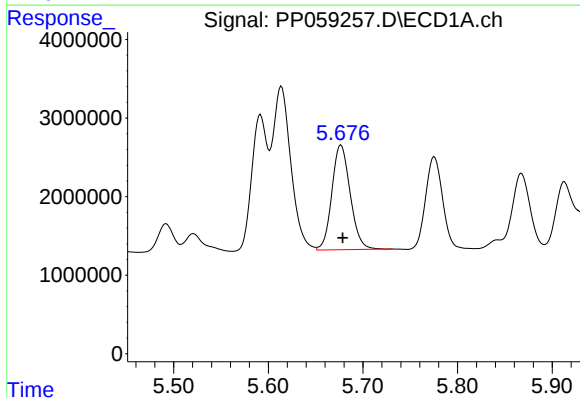
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28085098
Conc: 572.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



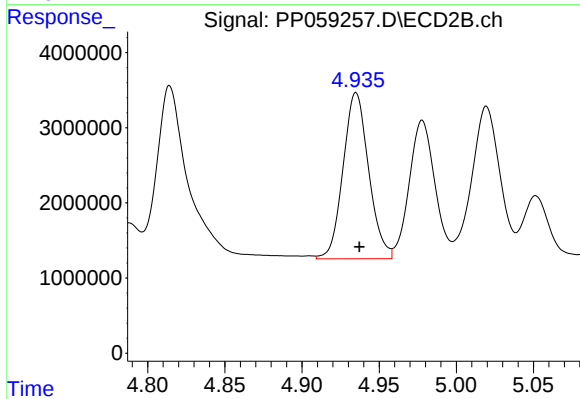
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 47127239
Conc: 591.04 ng/ml



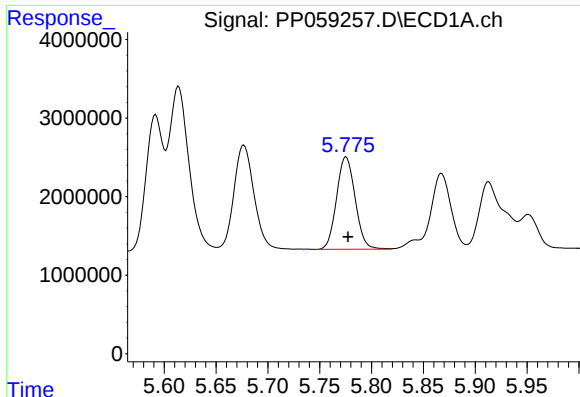
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 17985174
Conc: 572.44 ng/ml



#18 AR-1242-3

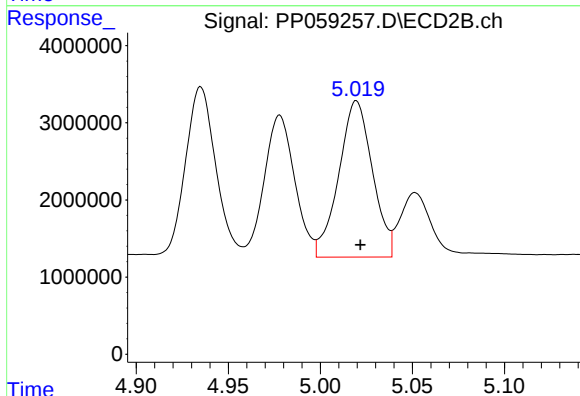
R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 25537400
Conc: 599.20 ng/ml



#19 AR-1242-4

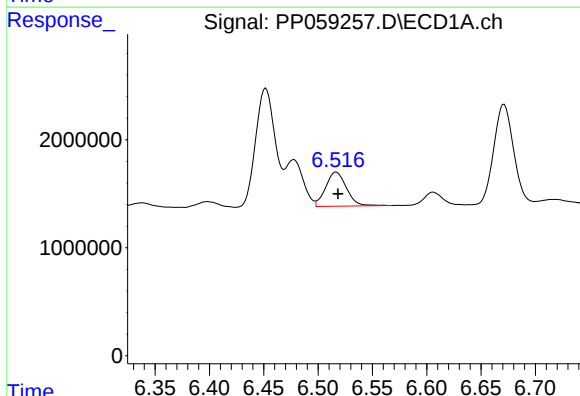
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 14720253
Conc: 574.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



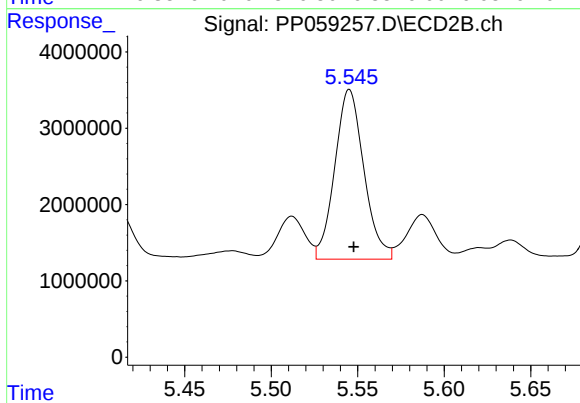
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 25804451
Conc: 590.95 ng/ml



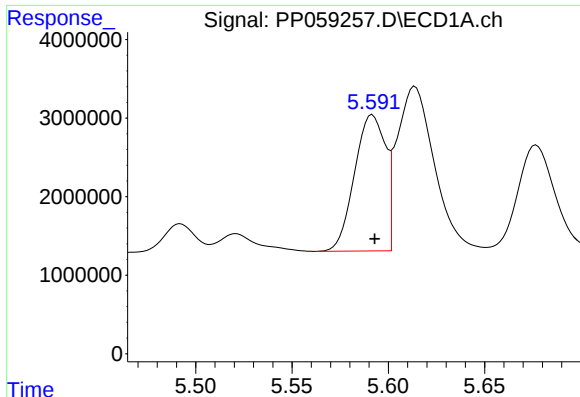
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 4213263
Conc: 163.09 ng/ml



#20 AR-1242-5

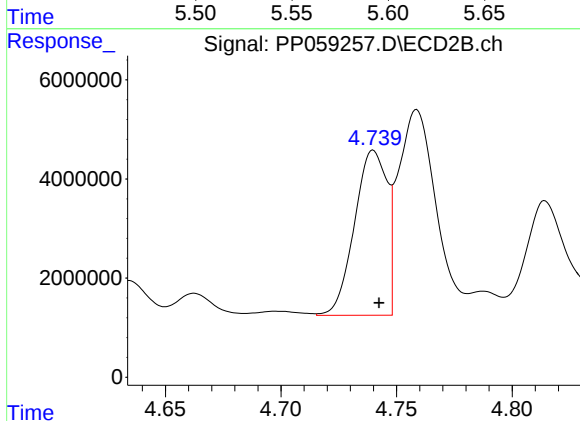
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 25949081
Conc: 522.40 ng/ml



#21 AR-1248-1

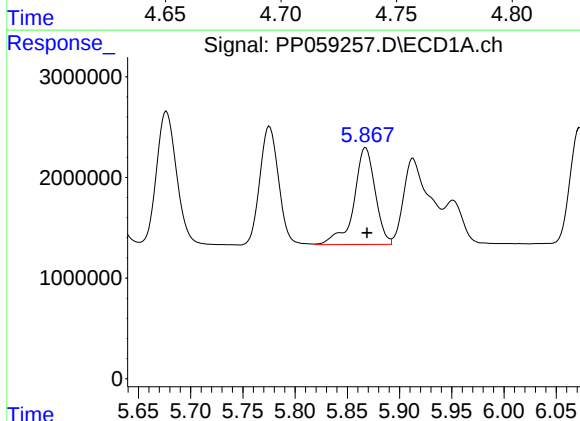
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 19365876
Conc: 763.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



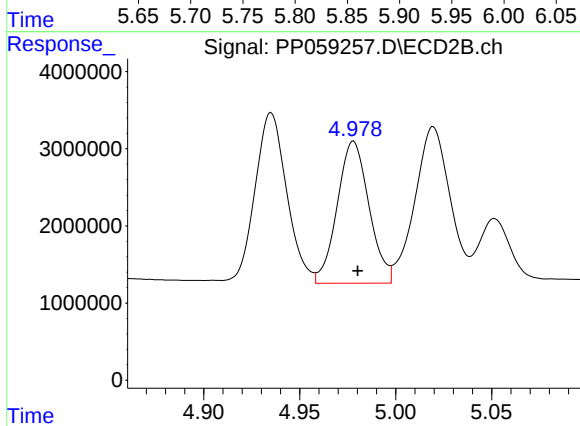
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 32614828
Conc: 792.82 ng/ml



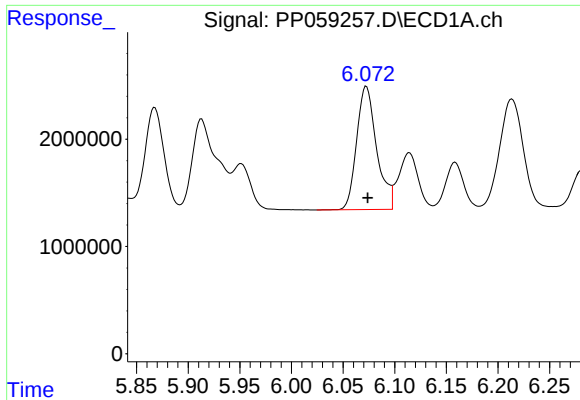
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.001 min
Response: 13617585
Conc: 351.83 ng/ml



#22 AR-1248-2

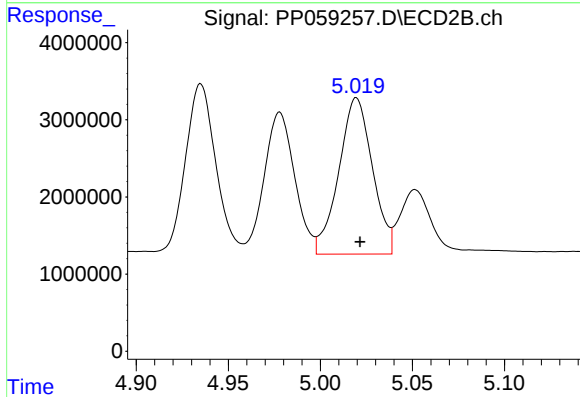
R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 21287573
Conc: 353.51 ng/ml



#23 AR-1248-3

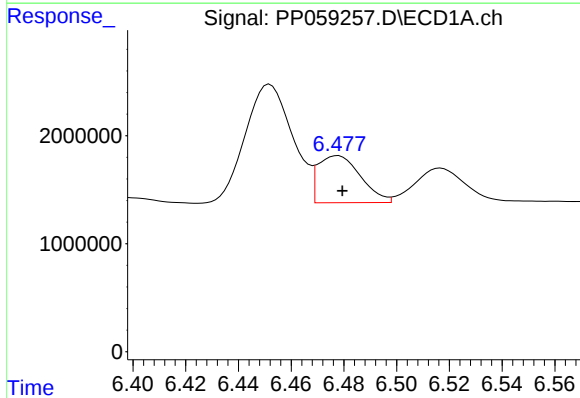
R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 15506667
Conc: 367.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



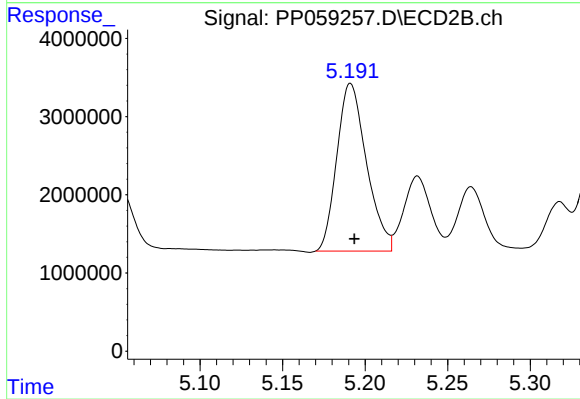
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 25804451
Conc: 418.84 ng/ml



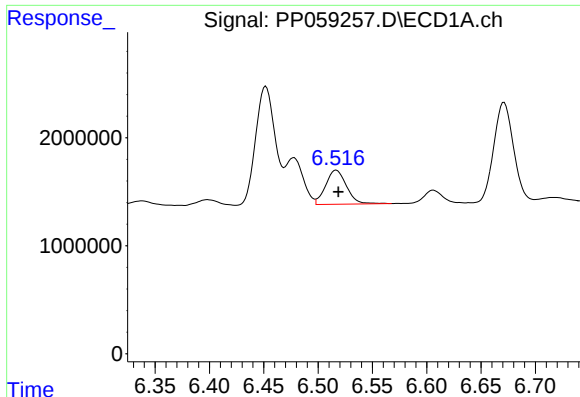
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 4880880
Conc: 117.23 ng/ml



#24 AR-1248-4

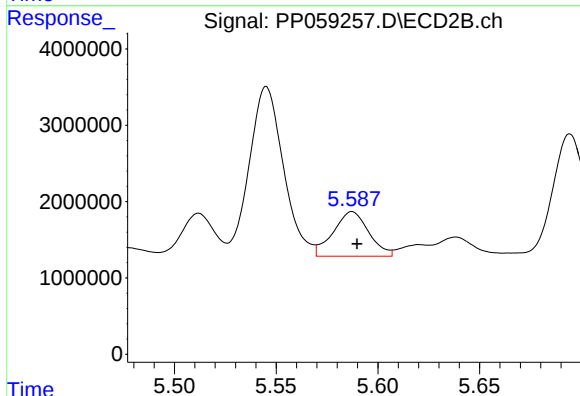
R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 26770275
Conc: 371.83 ng/ml



#25 AR-1248-5

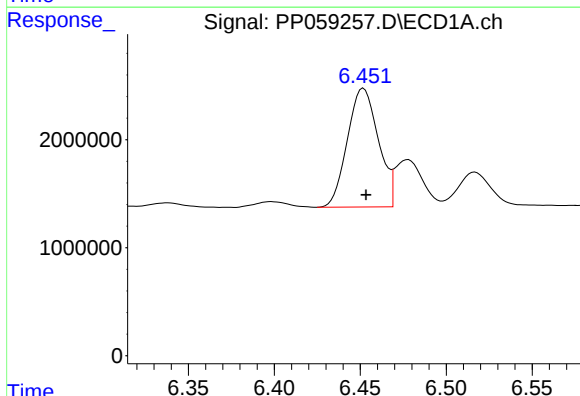
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 4213263
Conc: 103.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



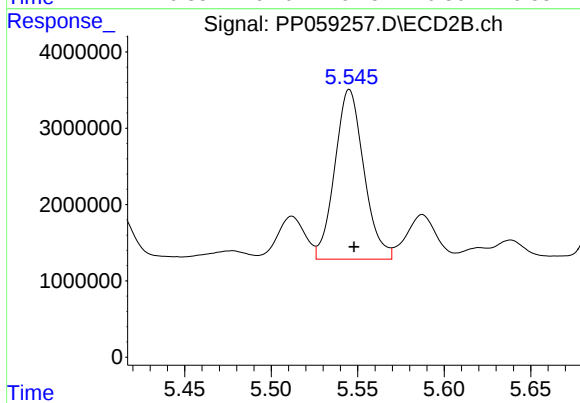
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 7096564
Conc: 107.55 ng/ml



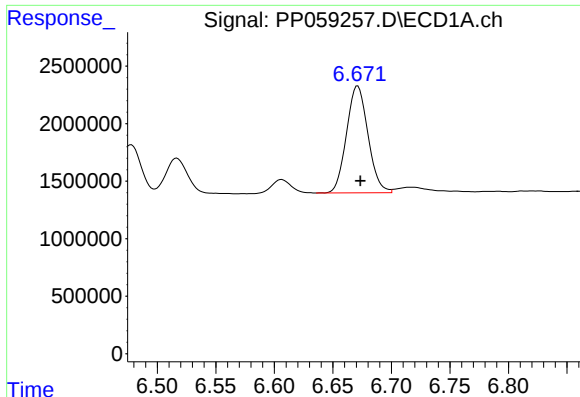
#26 AR-1254-1

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 13788097
Conc: 295.16 ng/ml



#26 AR-1254-1

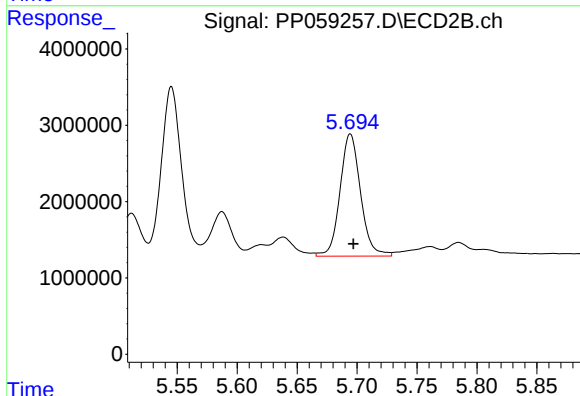
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 25949081
Conc: 256.12 ng/ml



#27 AR-1254-2

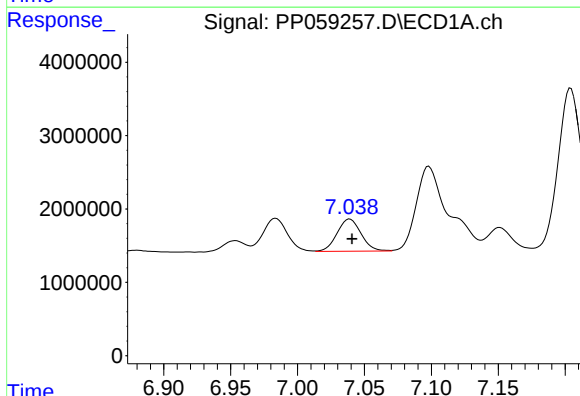
R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 11871616
Conc: 172.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



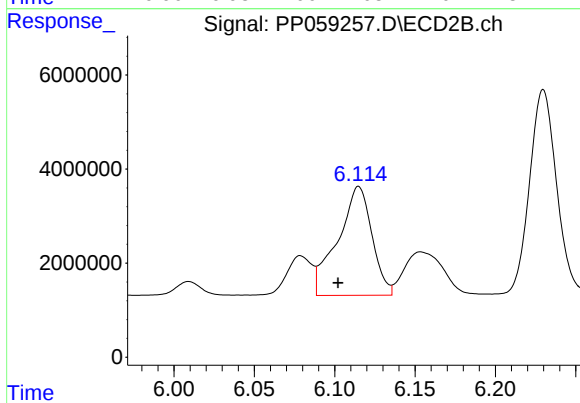
#27 AR-1254-2

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 19098343
Conc: 216.34 ng/ml



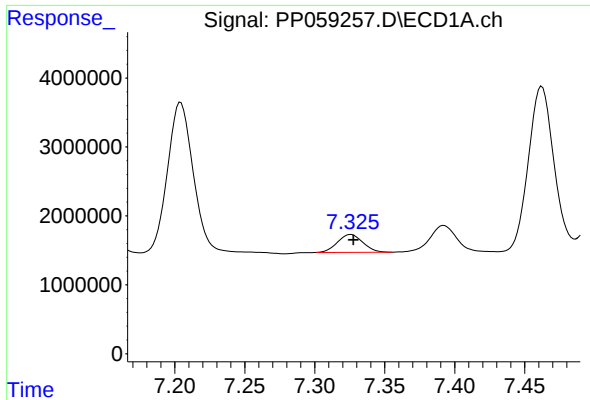
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 5496166
Conc: 79.63 ng/ml



#28 AR-1254-3

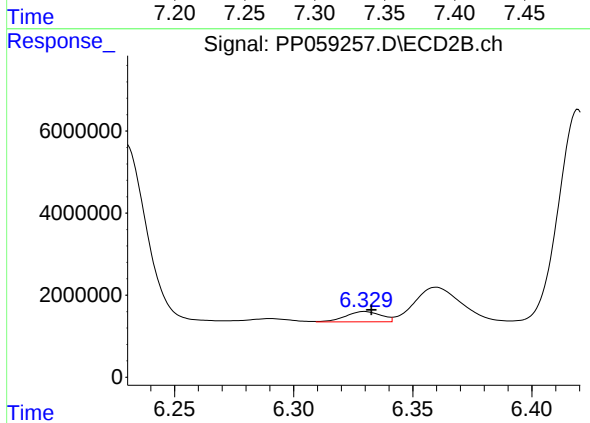
R.T.: 6.115 min
Delta R.T.: 0.013 min
Response: 34348675
Conc: 248.46 ng/ml



#29 AR-1254-4

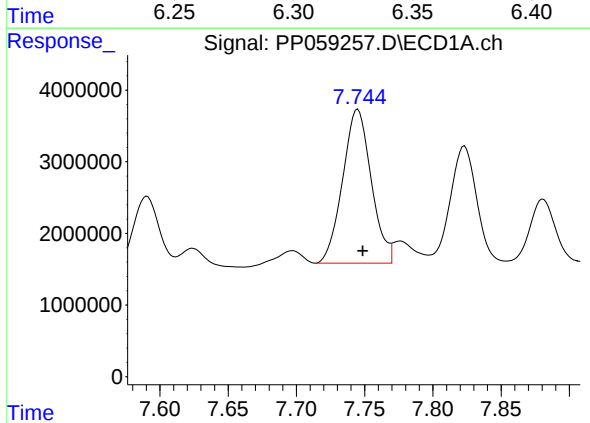
R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 3252859
Conc: 72.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



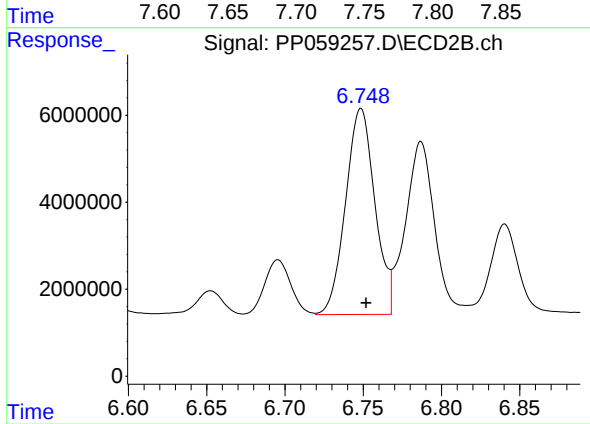
#29 AR-1254-4

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 2617451
Conc: 32.56 ng/ml



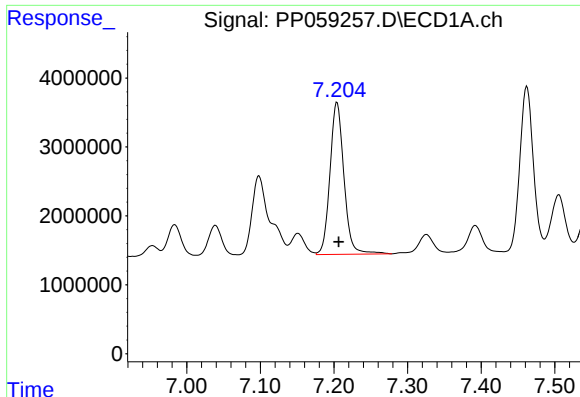
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: -0.004 min
Response: 31306495
Conc: 666.28 ng/ml



#30 AR-1254-5

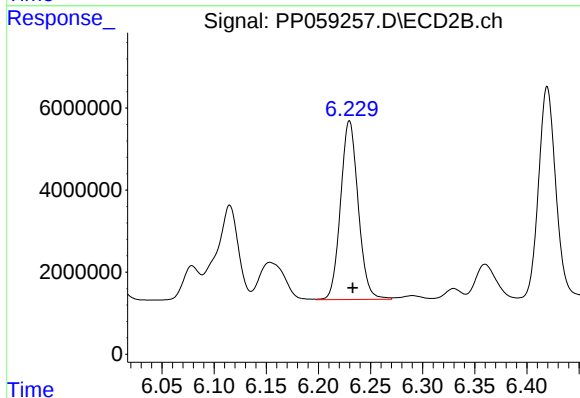
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 61739916
Conc: 516.28 ng/ml



#31 AR-1260-1

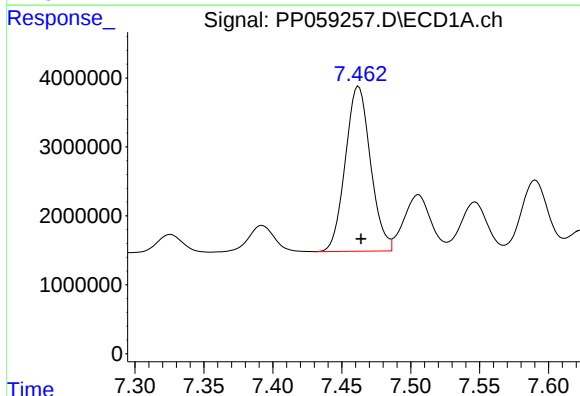
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 29144970
Conc: 532.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



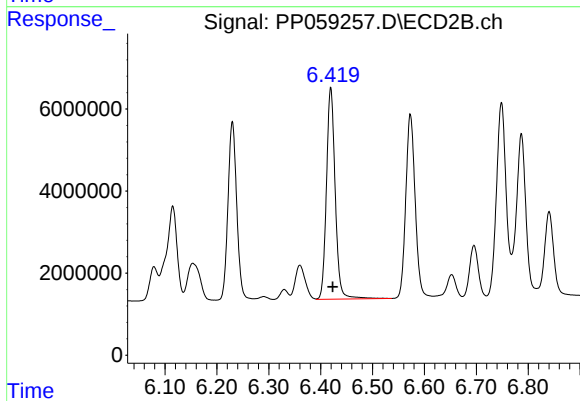
#31 AR-1260-1

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 51312259
Conc: 518.10 ng/ml



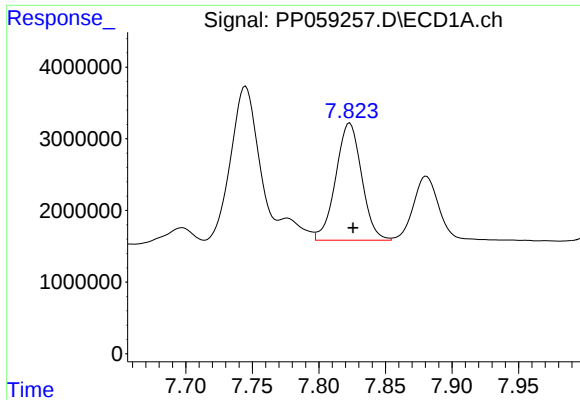
#32 AR-1260-2

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 30407675
Conc: 510.72 ng/ml



#32 AR-1260-2

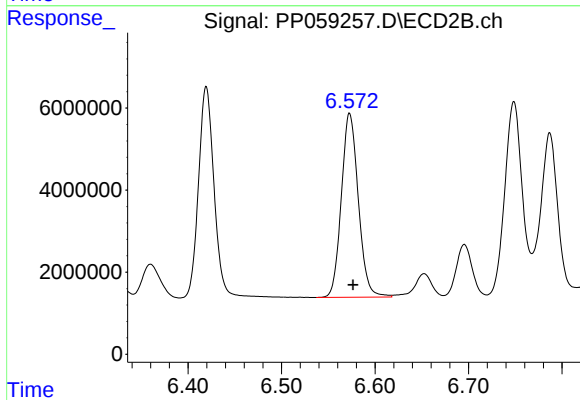
R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 60578186
Conc: 523.54 ng/ml



#33 AR-1260-3

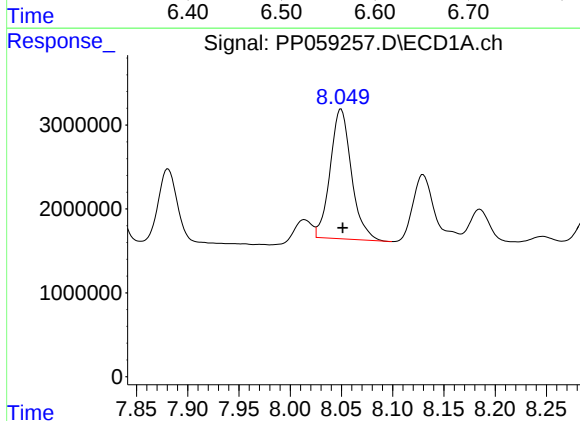
R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 22222913
Conc: 564.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



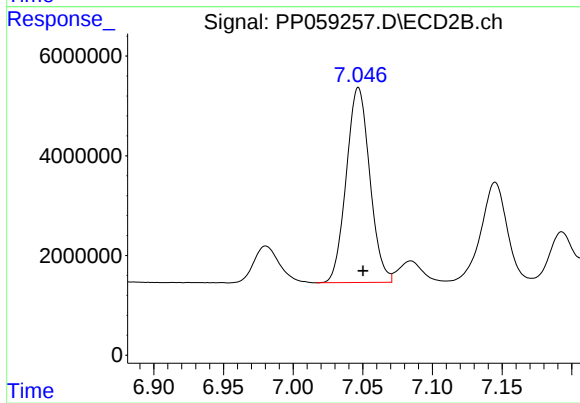
#33 AR-1260-3

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 56578330
Conc: 508.64 ng/ml



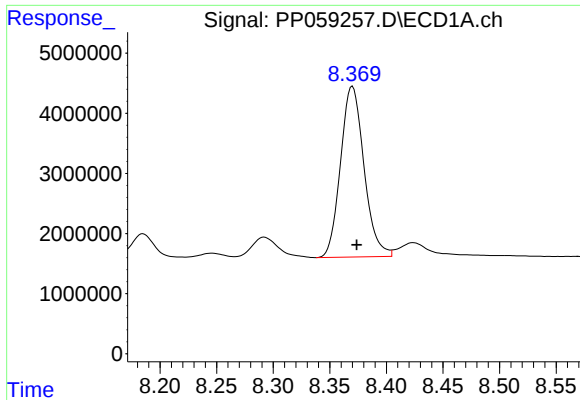
#34 AR-1260-4

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 22336928
Conc: 502.93 ng/ml



#34 AR-1260-4

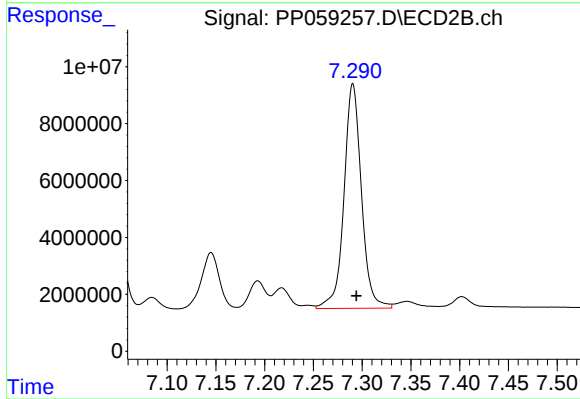
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 45926839
Conc: 529.75 ng/ml



#35 AR-1260-5

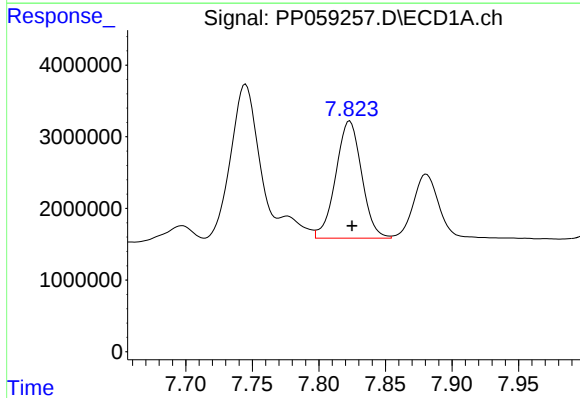
R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 41014454
Conc: 512.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



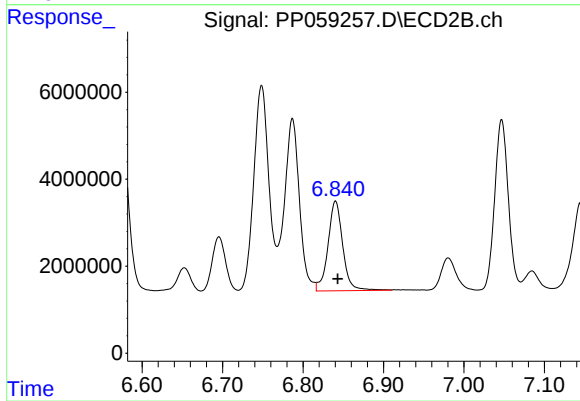
#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 98384805
Conc: 533.76 ng/ml



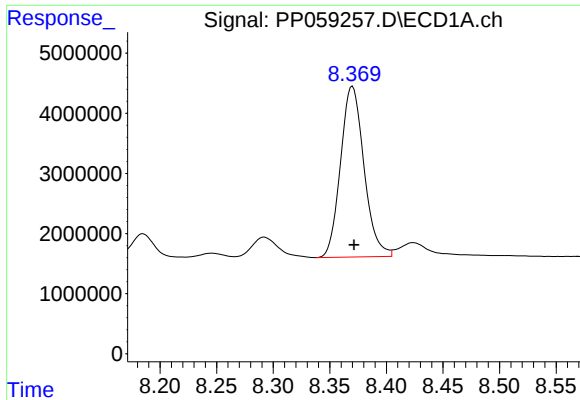
#36 AR-1262-1

R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 22222913
Conc: 348.91 ng/ml



#36 AR-1262-1

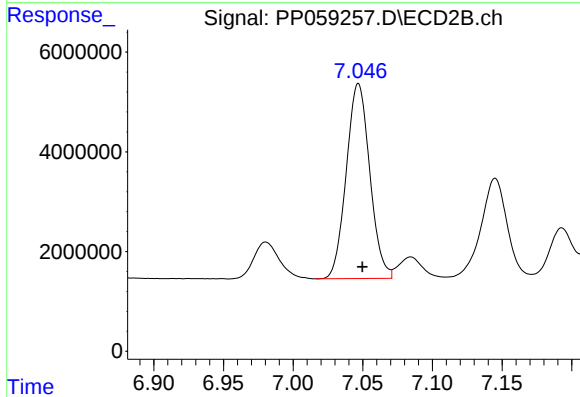
R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 26294791
Conc: 457.02 ng/ml



#37 AR-1262-2

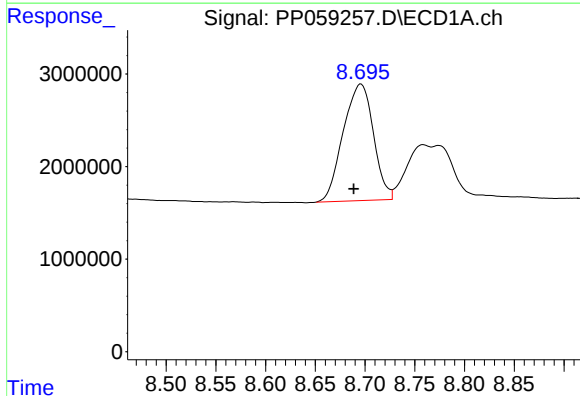
R.T.: 8.370 min
Delta R.T.: -0.002 min
Response: 41014454
Conc: 446.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



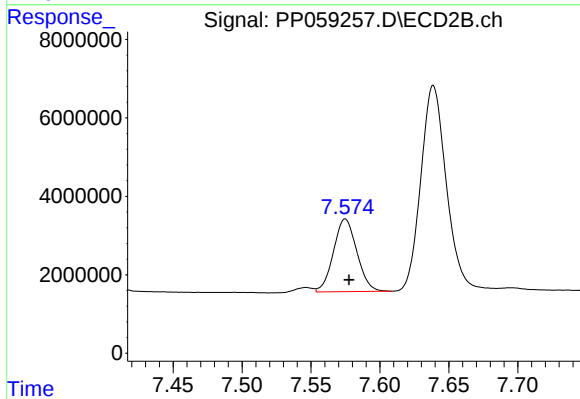
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 45926839
Conc: 389.22 ng/ml



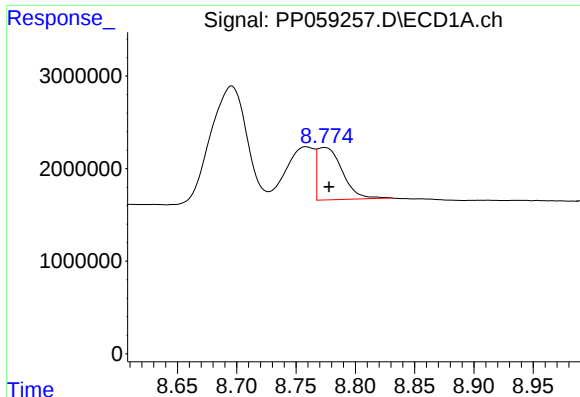
#38 AR-1262-3

R.T.: 8.696 min
Delta R.T.: 0.007 min
Response: 26632771
Conc: 413.85 ng/ml



#38 AR-1262-3

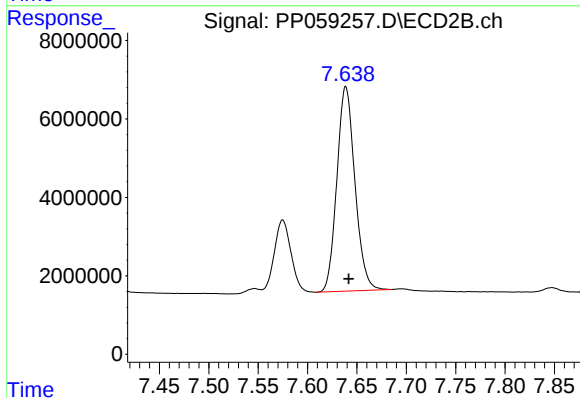
R.T.: 7.575 min
Delta R.T.: -0.003 min
Response: 21888490
Conc: 257.21 ng/ml



#39 AR-1262-4

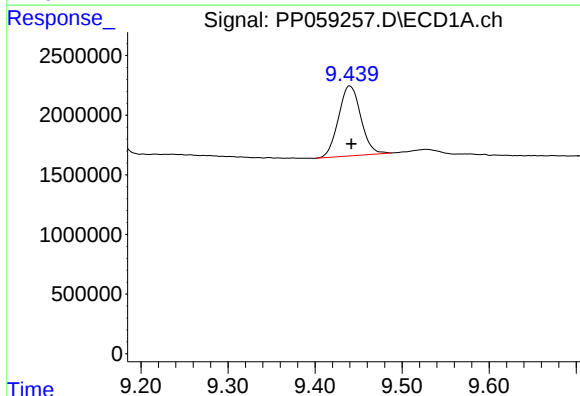
R.T.: 8.774 min
Delta R.T.: -0.004 min
Response: 8326910
Conc: 250.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



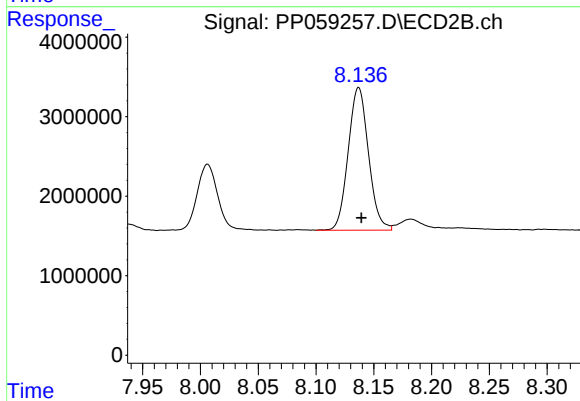
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 66478259
Conc: 440.08 ng/ml



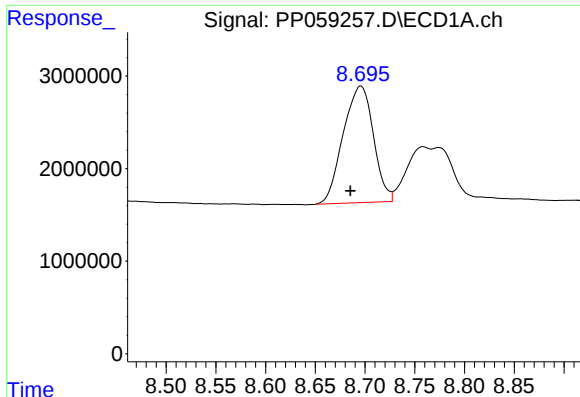
#40 AR-1262-5

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 10437314
Conc: 349.76 ng/ml



#40 AR-1262-5

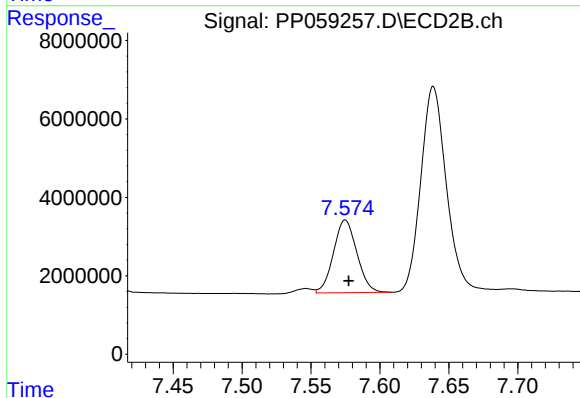
R.T.: 8.137 min
Delta R.T.: -0.003 min
Response: 21877911
Conc: 343.04 ng/ml



#41 AR-1268-1

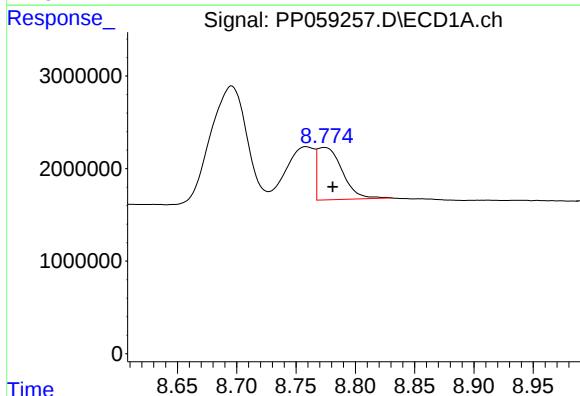
R.T.: 8.696 min
Delta R.T.: 0.011 min
Response: 26632771
Conc: 234.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



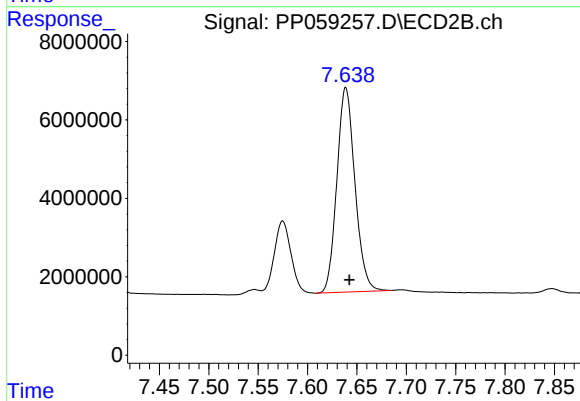
#41 AR-1268-1

R.T.: 7.575 min
Delta R.T.: -0.003 min
Response: 21888490
Conc: 89.76 ng/ml



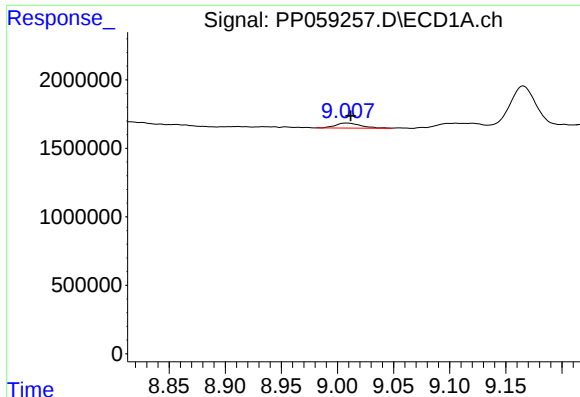
#42 AR-1268-2

R.T.: 8.774 min
Delta R.T.: -0.007 min
Response: 8326910
Conc: 84.61 ng/ml



#42 AR-1268-2

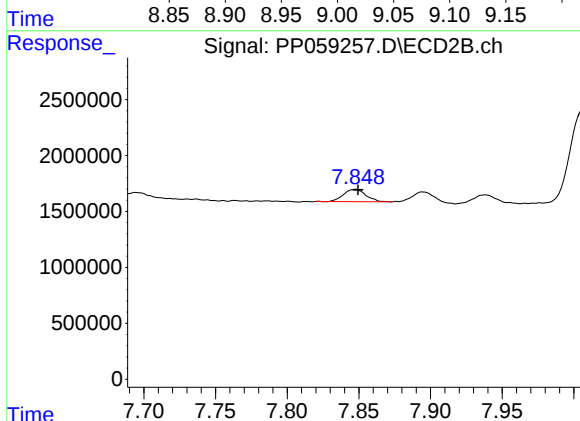
R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 66478259
Conc: 303.53 ng/ml



#43 AR-1268-3

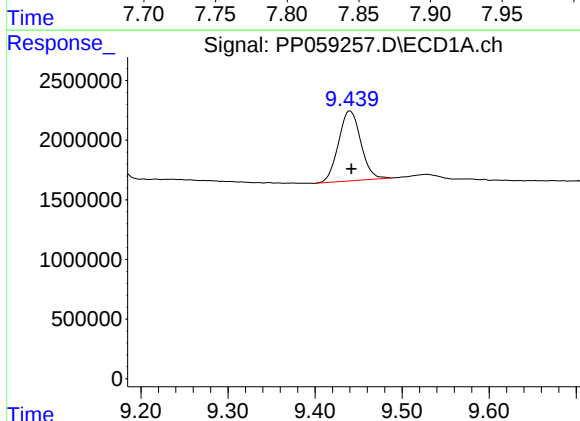
R.T.: 9.008 min
Delta R.T.: -0.003 min
Response: 588117
Conc: 6.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



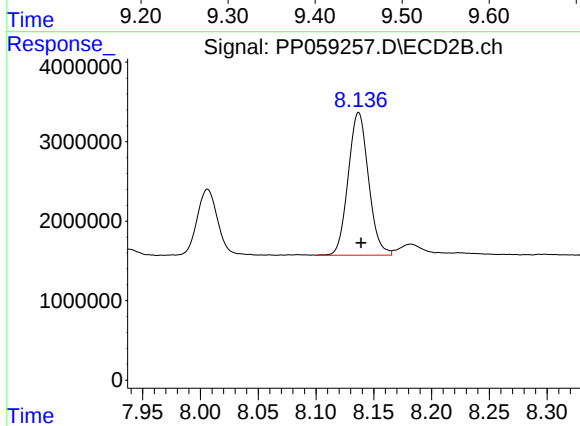
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: -0.002 min
Response: 1208416
Conc: 6.18 ng/ml



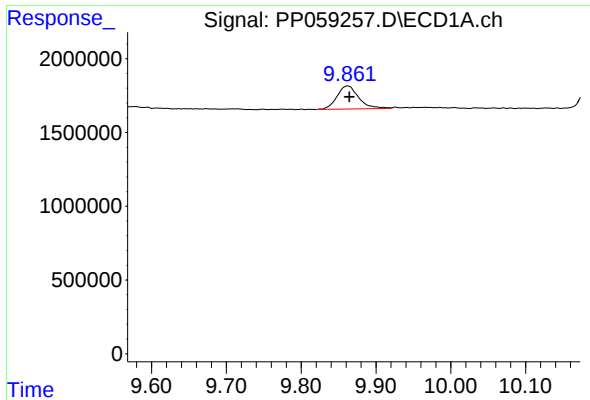
#44 AR-1268-4

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 10437314
Conc: 327.18 ng/ml



#44 AR-1268-4

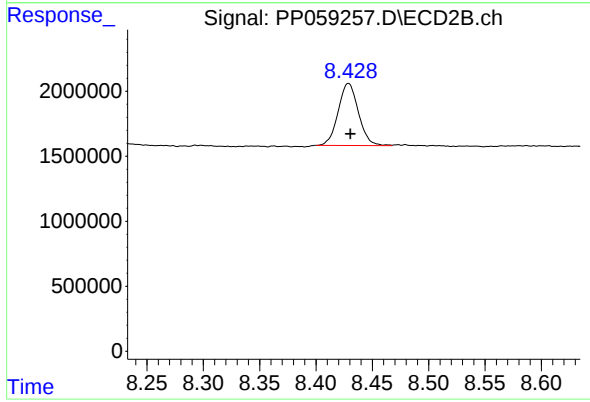
R.T.: 8.137 min
Delta R.T.: -0.002 min
Response: 21877911
Conc: 314.38 ng/ml



#45 AR-1268-5

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 3145961
Conc: 11.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 5959297
Conc: 11.50 ng/ml