

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041123\
 Data File : PP056865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 19:04
 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 22:19:55 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...	4.434	3.661	123.9E6	85598205	57.652	49.217
2)	SA Decachlor...	10.275	8.746	84906672	83031719	64.868	52.809
Target Compounds							
3)	L1 AR-1016-1	5.610	4.762	35916737	26907261	584.977	505.201
4)	L1 AR-1016-2	5.633	4.781	51679629	37563471	579.529	506.566
5)	L1 AR-1016-3	5.695	4.960	32650552	20721822	575.908	514.914
6)	L1 AR-1016-4	5.795	5.001	25678653	18320871	573.444	505.607
7)	L1 AR-1016-5	6.091	5.218	27081375	24159246	577.587	514.456
8)	L2 AR-1221-1	4.638	3.877	4418529	3126924	167.516	142.780
9)	L2 AR-1221-2	4.730	3.964	6263123	4528838	322.408	275.646
10)	L2 AR-1221-3	4.806	4.042	22260292	16782986	390.714	342.270
11)	L3 AR-1232-1	4.806	4.042	22260292	16782986	462.174	407.956
12)	L3 AR-1232-2	5.341	4.781	29921204	37563471	1197.819	1096.025
13)	L3 AR-1232-3	5.633	4.960	51679629	20721822	1281.810	1126.143
14)	L3 AR-1232-4	5.795	5.044	25678653	22471409	1274.441	1172.650
15)	L3 AR-1232-5	5.886	5.218	23620582	24159246	1343.863	1136.564
16)	L4 AR-1242-1	5.610	4.762	35916737	26907261	714.226	625.596
17)	L4 AR-1242-2	5.633	4.781	51679629	37563471	709.684	631.294
18)	L4 AR-1242-3	5.695	4.960	32650552	20721822	712.603	642.277
19)	L4 AR-1242-4	5.795	5.044	25678653	22471409	711.658	616.746
20)	L4 AR-1242-5	6.538	5.575	6341721	23342321	191.052	585.429 #
21)	L5 AR-1248-1	5.610	4.762	35916737	26907261	957.289	817.414
22)	L5 AR-1248-2	5.886	5.001	23620582	18320871	401.068	355.452
23)	L5 AR-1248-3	6.091	5.044	27081375	22471409	425.059	418.606
24)	L5 AR-1248-4	6.497	5.218	7580387	24159246	130.528	390.452 #
25)	L5 AR-1248-5	6.538	5.616	6341721	5582300	112.270	108.724
26)	L6 AR-1254-1	6.472	5.575	23217915	23342321	327.447	253.397
27)	L6 AR-1254-2	6.691	5.723	19605403	17284850	193.329	215.068
28)	L6 AR-1254-3	7.060	6.148	8458780	32455548	87.265	262.550 #
29)	L6 AR-1254-4	7.348	6.362	5337145	2080162	87.444	32.729 #
30)	L6 AR-1254-5	7.768	6.784	56758881	54316039	832.945	516.626 #
31)	L7 AR-1260-1	7.226	6.264	47836635	48598439	587.662	508.119
32)	L7 AR-1260-2	7.484	6.453	52261301	53983390	612.551	522.702
33)	L7 AR-1260-3	7.846	6.610	41733650	52430444	597.597	505.573
34)	L7 AR-1260-4	8.073	7.085	47045908	43599254	616.597	510.472
35)	L7 AR-1260-5	8.399	7.327	81002905	81886986	639.966	517.410
36)	L8 AR-1262-1	7.846	6.876	41733650	24688455	473.812	527.636
37)	L8 AR-1262-2	8.399	7.085	81002905	43599254	625.624	445.771 #
38)	L8 AR-1262-3	8.732	7.614	52546305	20305859	570.474	305.748 #
39)	L8 AR-1262-4	8.813	7.677	17292875	61591873	380.856	522.568 #
40)	L8 AR-1262-5	9.489	8.178	19327169	19431649	481.103	398.698
41)	L9 AR-1268-1	8.732f	7.614	52546305	20305859	282.115	91.599 #

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 Acq On : 11 Apr 2023 19:04
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

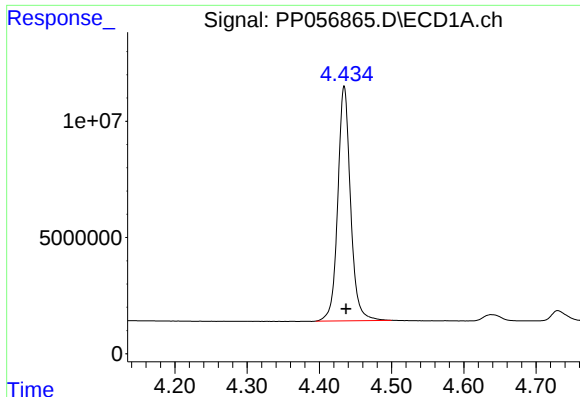
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 22:19:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
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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	8.813	7.677	17292875	61591873	104.206	317.154 #
43) L9	AR-1268-3	9.051	7.888	1069011	1260520	6.718	6.359
44) L9	AR-1268-4	9.489	8.178	19327169	19431649	416.268	335.942
45) L9	AR-1268-5	9.922	8.479	6605578	7113669	15.380	14.008

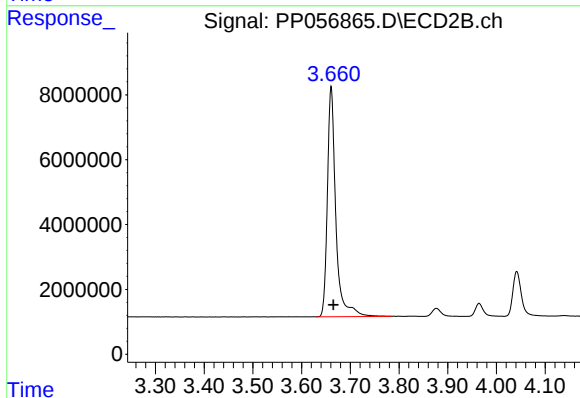
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

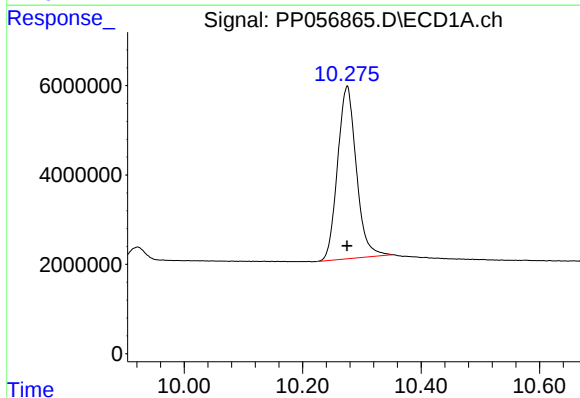
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 123866702
Conc: 57.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



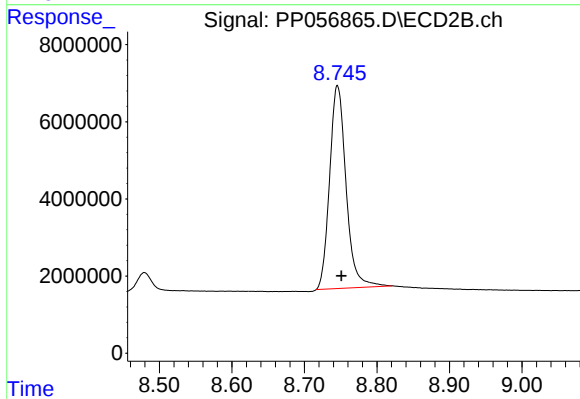
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: -0.004 min
Response: 85598205
Conc: 49.22 ng/ml



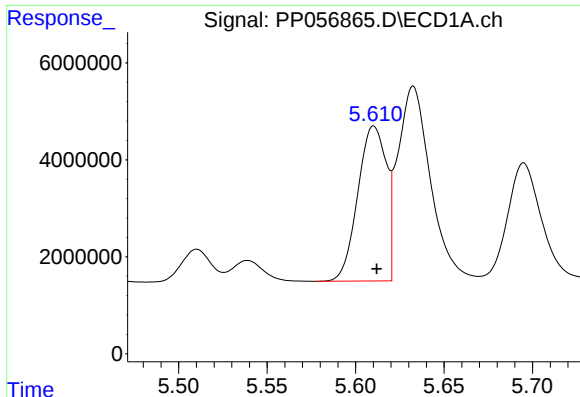
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 84906672
Conc: 64.87 ng/ml



#2 Decachlorobiphenyl

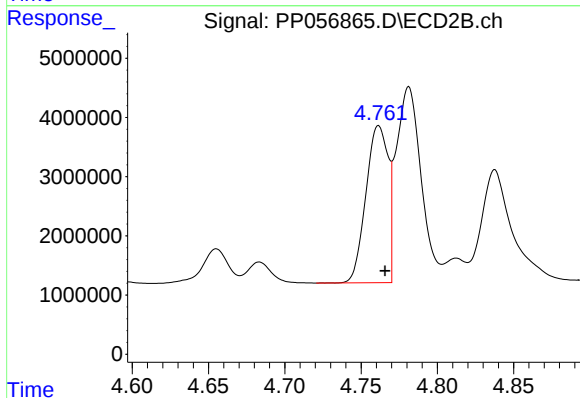
R.T.: 8.746 min
Delta R.T.: -0.006 min
Response: 83031719
Conc: 52.81 ng/ml



#3 AR-1016-1

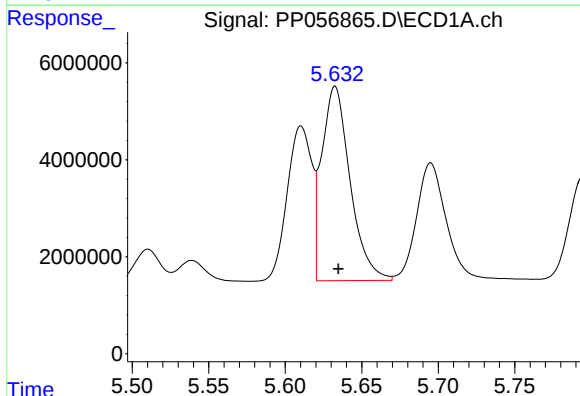
R.T.: 5.610 min
Delta R.T.: -0.002 min
Response: 35916737
Conc: 584.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



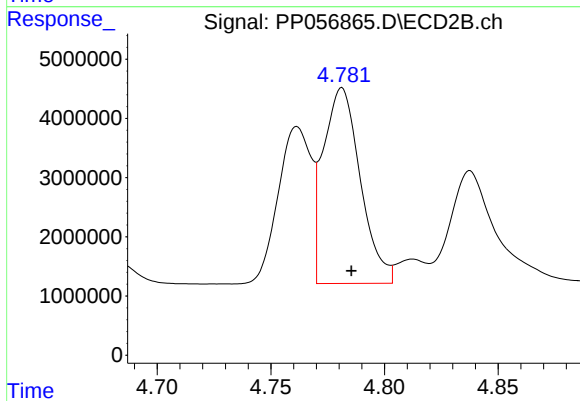
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 26907261
Conc: 505.20 ng/ml



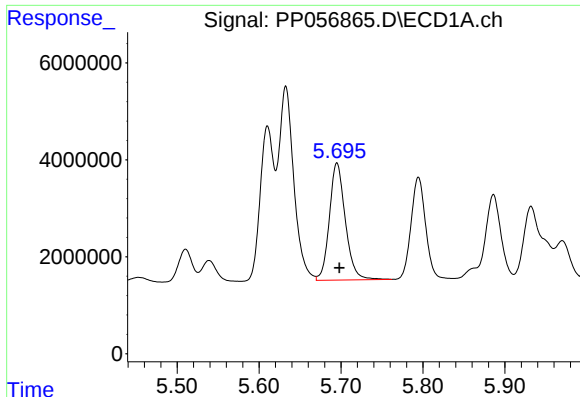
#4 AR-1016-2

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 51679629
Conc: 579.53 ng/ml



#4 AR-1016-2

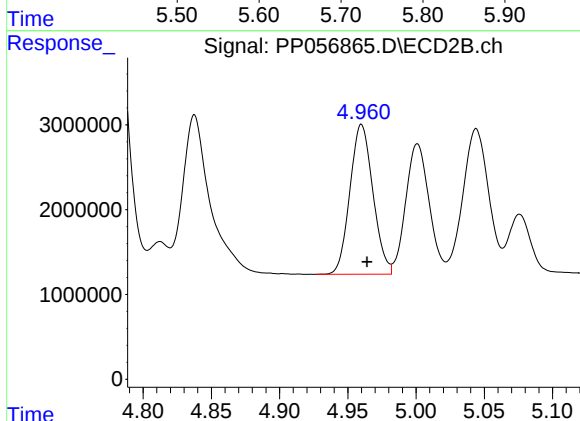
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 37563471
Conc: 506.57 ng/ml



#5 AR-1016-3

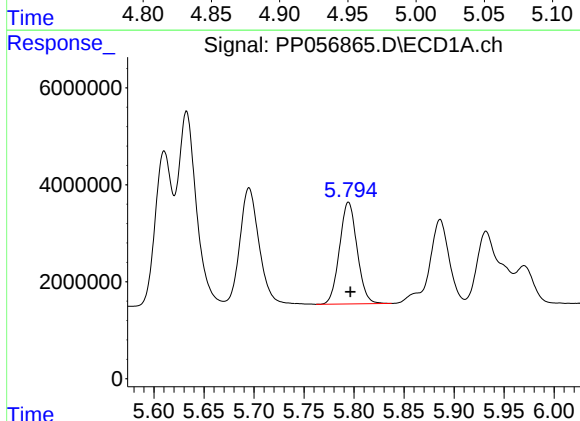
R.T.: 5.695 min
Delta R.T.: -0.003 min
Response: 32650552
Conc: 575.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



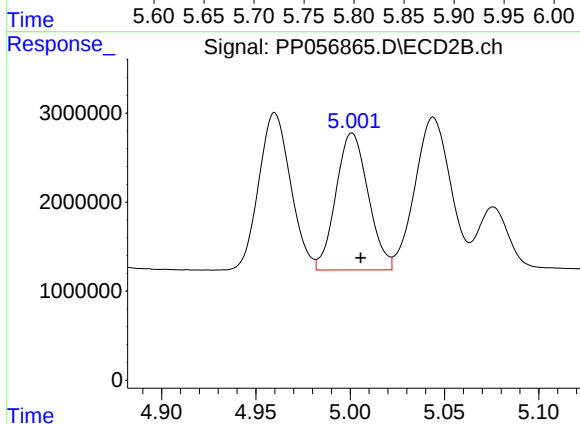
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 20721822
Conc: 514.91 ng/ml



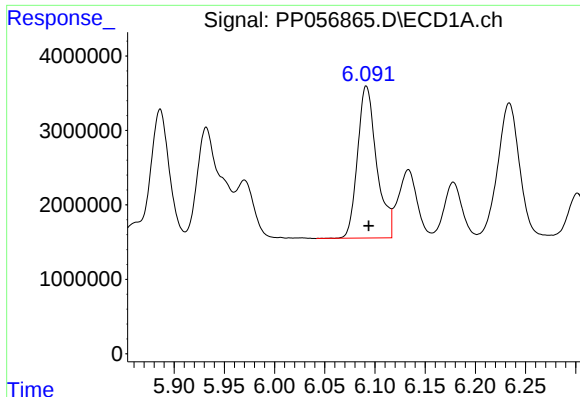
#6 AR-1016-4

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 25678653
Conc: 573.44 ng/ml



#6 AR-1016-4

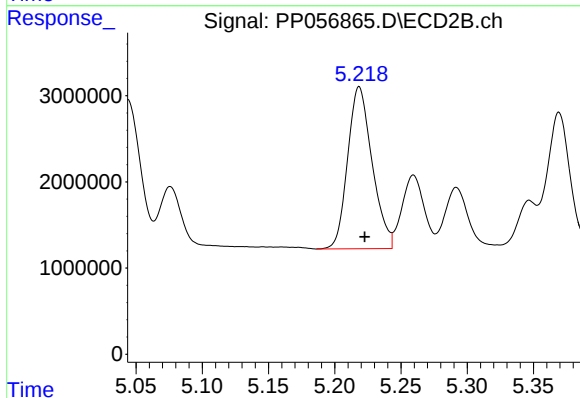
R.T.: 5.001 min
Delta R.T.: -0.005 min
Response: 18320871
Conc: 505.61 ng/ml



#7 AR-1016-5

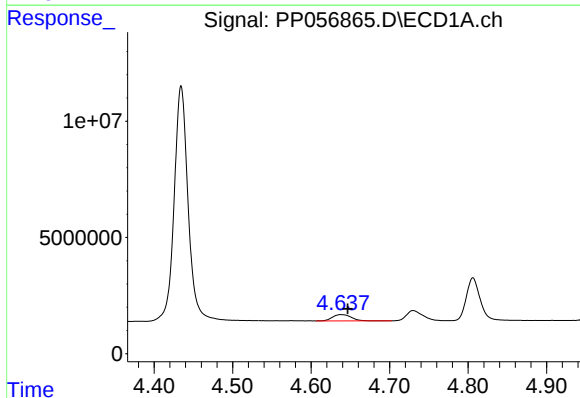
R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 27081375
Conc: 577.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



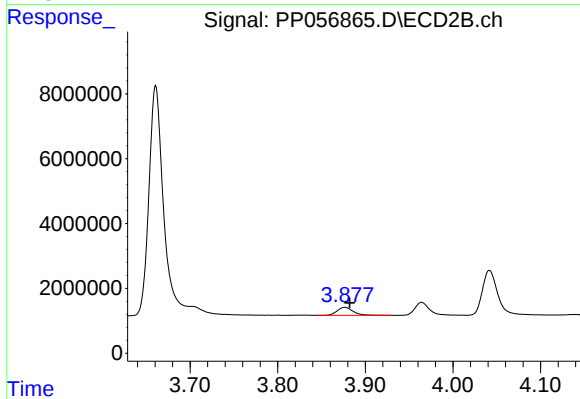
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 24159246
Conc: 514.46 ng/ml



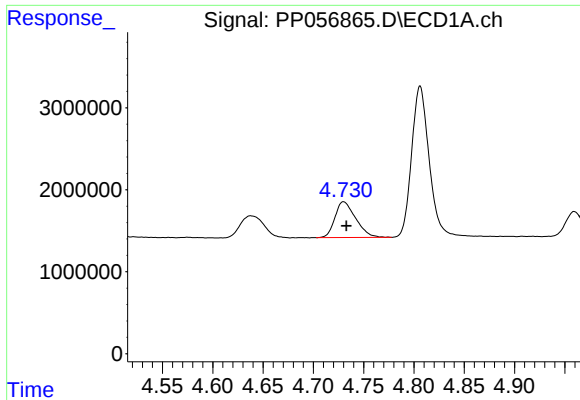
#8 AR-1221-1

R.T.: 4.638 min
Delta R.T.: -0.009 min
Response: 4418529
Conc: 167.52 ng/ml



#8 AR-1221-1

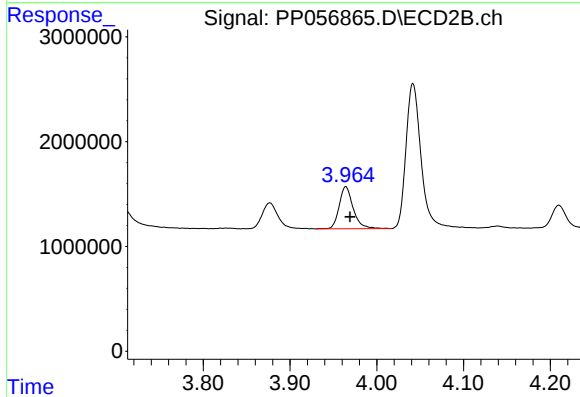
R.T.: 3.877 min
Delta R.T.: -0.006 min
Response: 3126924
Conc: 142.78 ng/ml



#9 AR-1221-2

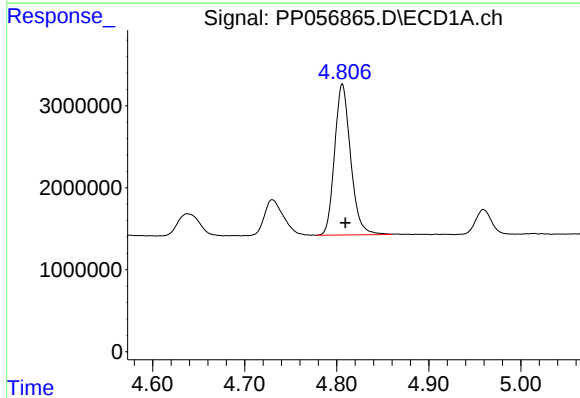
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 6263123
Conc: 322.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



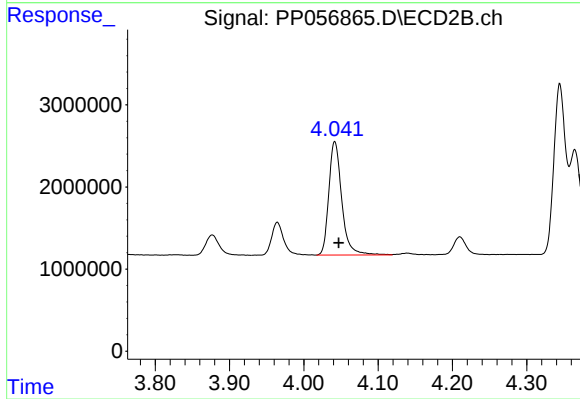
#9 AR-1221-2

R.T.: 3.964 min
Delta R.T.: -0.005 min
Response: 4528838
Conc: 275.65 ng/ml



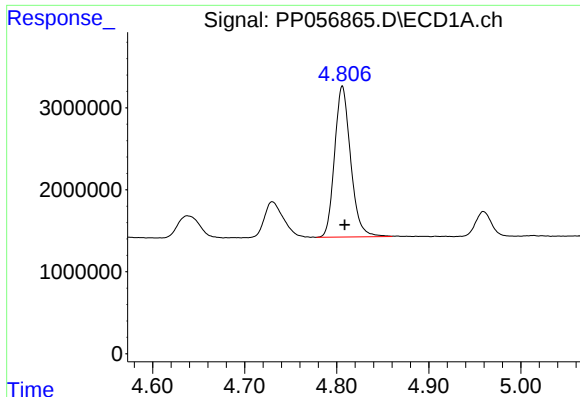
#10 AR-1221-3

R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 22260292
Conc: 390.71 ng/ml



#10 AR-1221-3

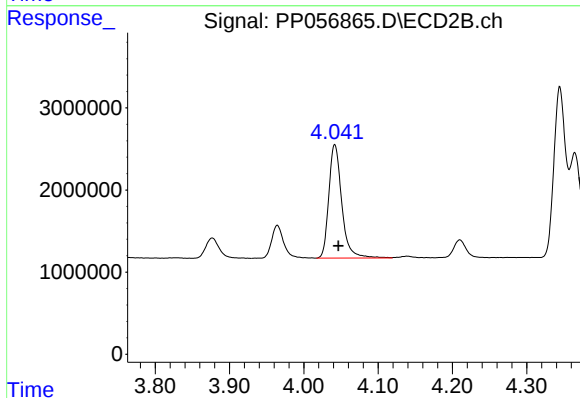
R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 16782986
Conc: 342.27 ng/ml



#11 AR-1232-1

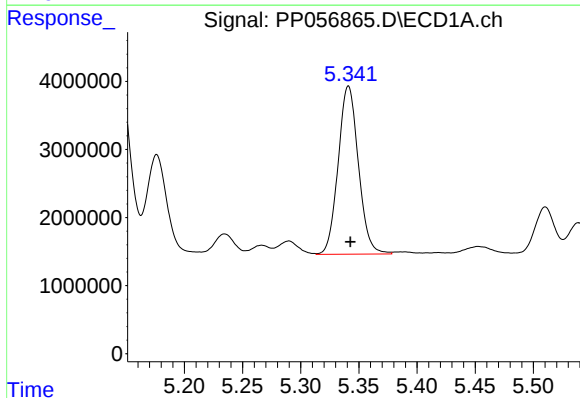
R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 22260292
Conc: 462.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



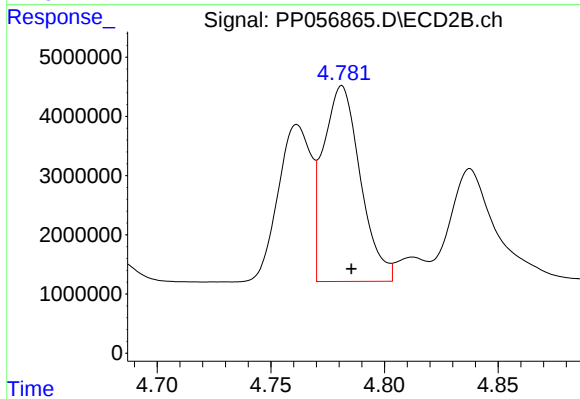
#11 AR-1232-1

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 16782986
Conc: 407.96 ng/ml



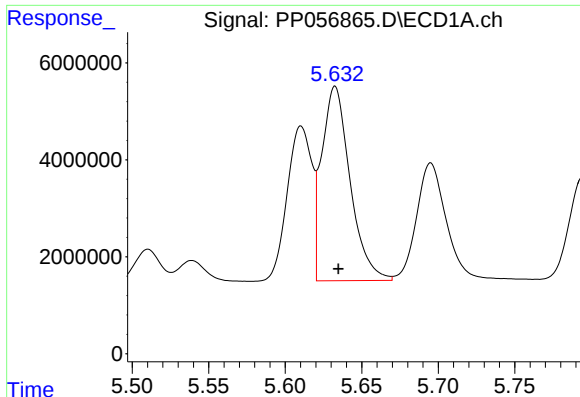
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: -0.002 min
Response: 29921204
Conc: 1197.82 ng/ml



#12 AR-1232-2

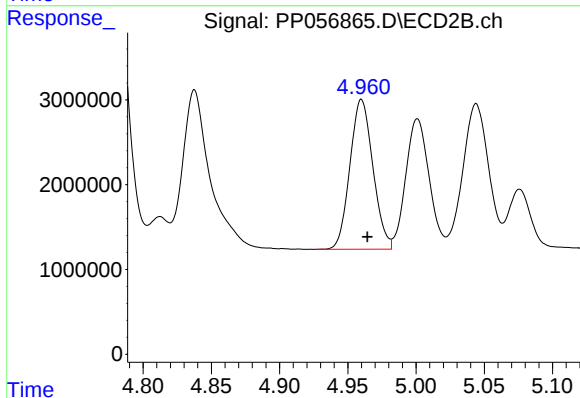
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 37563471
Conc: 1096.03 ng/ml



#13 AR-1232-3

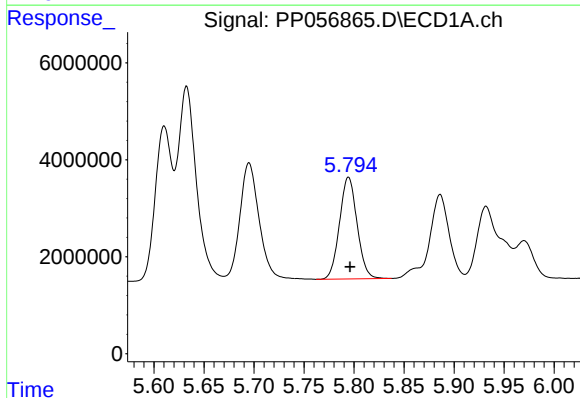
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 51679629
Conc: 1281.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



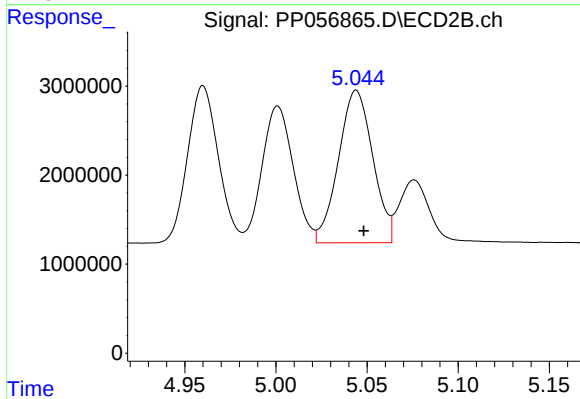
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 20721822
Conc: 1126.14 ng/ml



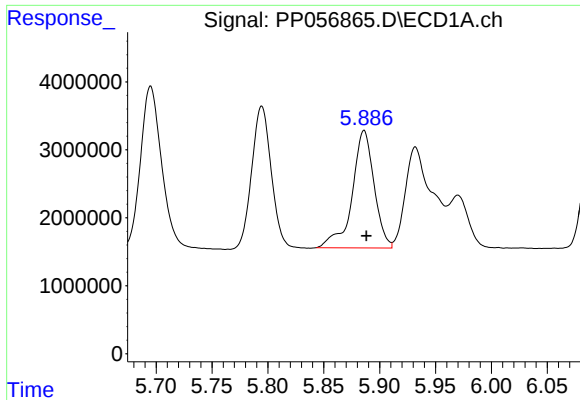
#14 AR-1232-4

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 25678653
Conc: 1274.44 ng/ml



#14 AR-1232-4

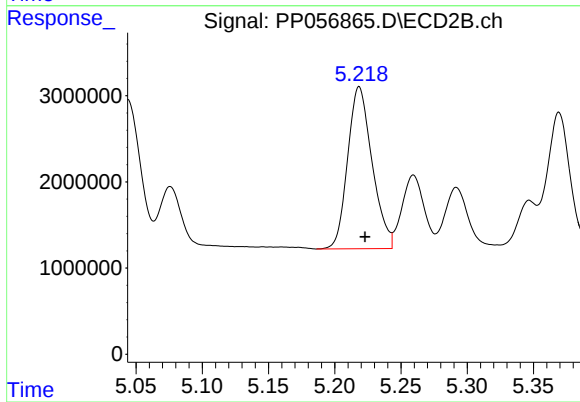
R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 22471409
Conc: 1172.65 ng/ml



#15 AR-1232-5

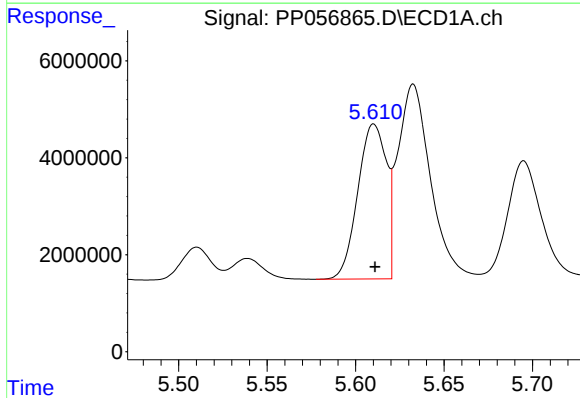
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 23620582
Conc: 1343.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



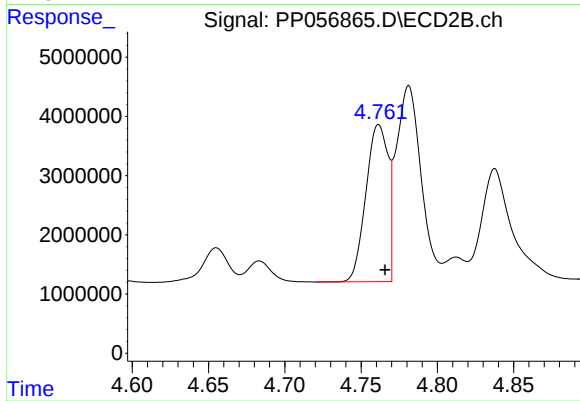
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 24159246
Conc: 1136.56 ng/ml



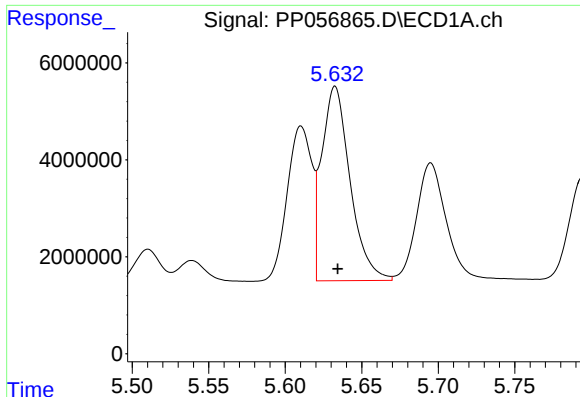
#16 AR-1242-1

R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 35916737
Conc: 714.23 ng/ml



#16 AR-1242-1

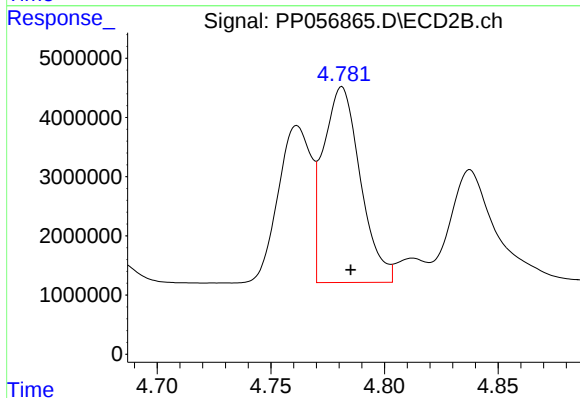
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 26907261
Conc: 625.60 ng/ml



#17 AR-1242-2

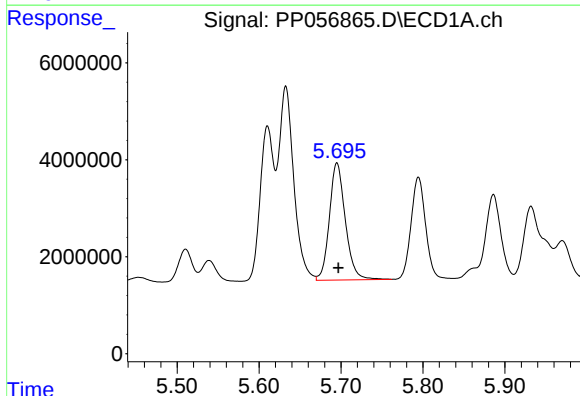
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 51679629
Conc: 709.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



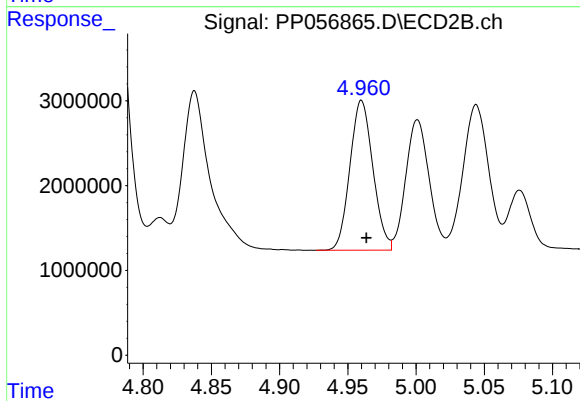
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 37563471
Conc: 631.29 ng/ml



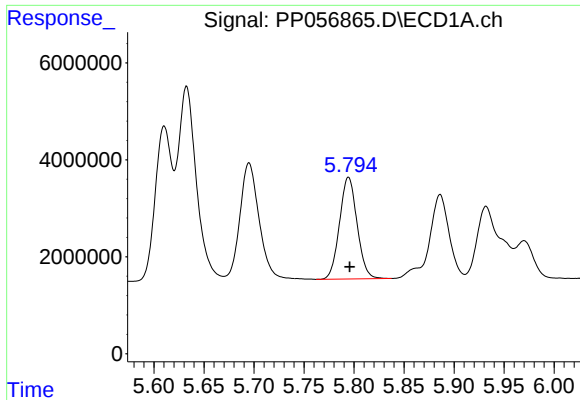
#18 AR-1242-3

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 32650552
Conc: 712.60 ng/ml



#18 AR-1242-3

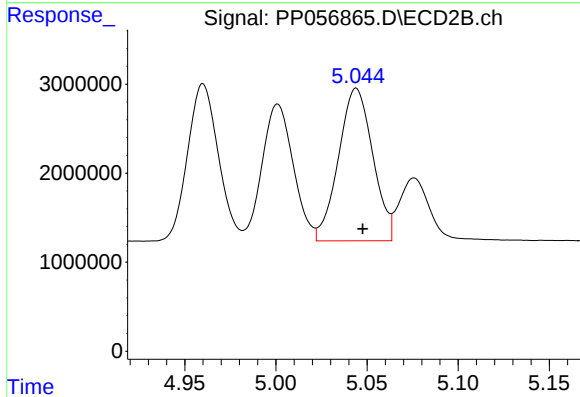
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 20721822
Conc: 642.28 ng/ml



#19 AR-1242-4

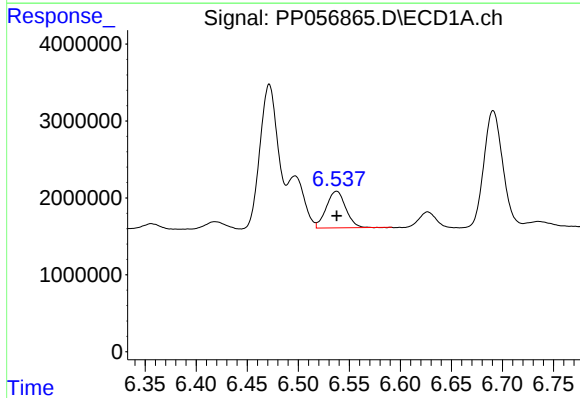
R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 25678653
Conc: 711.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



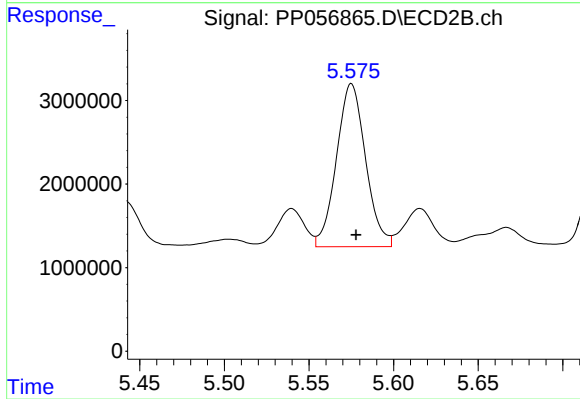
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: -0.004 min
Response: 22471409
Conc: 616.75 ng/ml



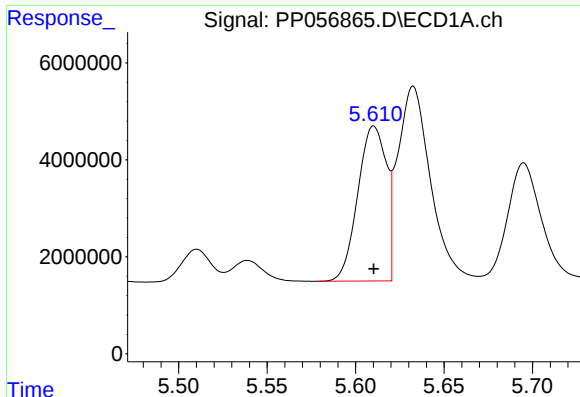
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 6341721
Conc: 191.05 ng/ml



#20 AR-1242-5

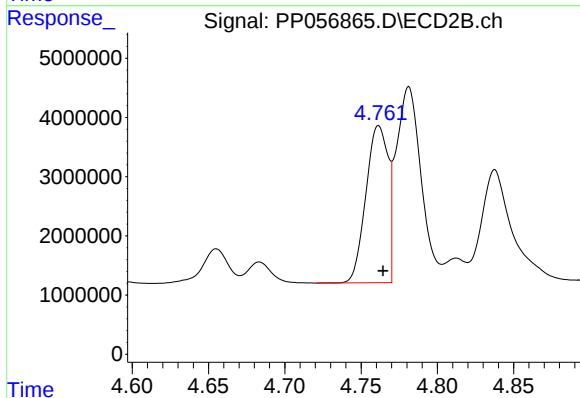
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 23342321
Conc: 585.43 ng/ml



#21 AR-1248-1

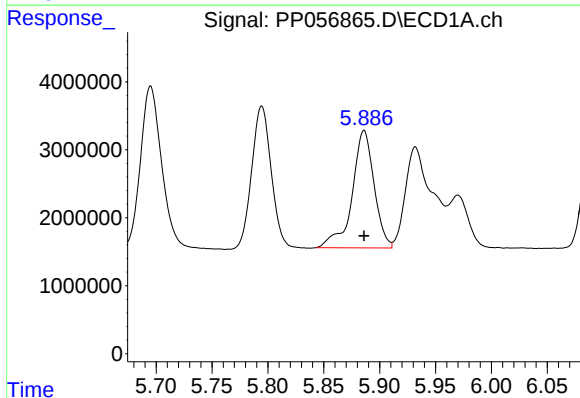
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 35916737
Conc: 957.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



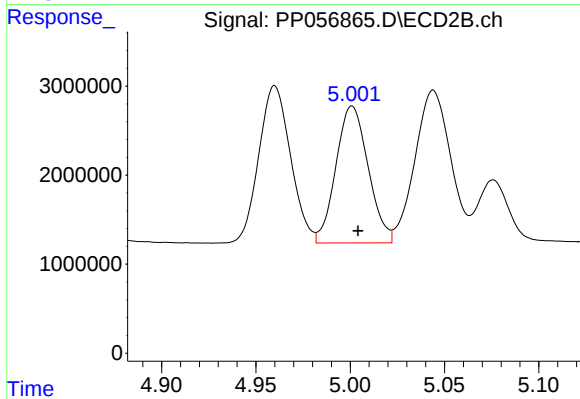
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 26907261
Conc: 817.41 ng/ml



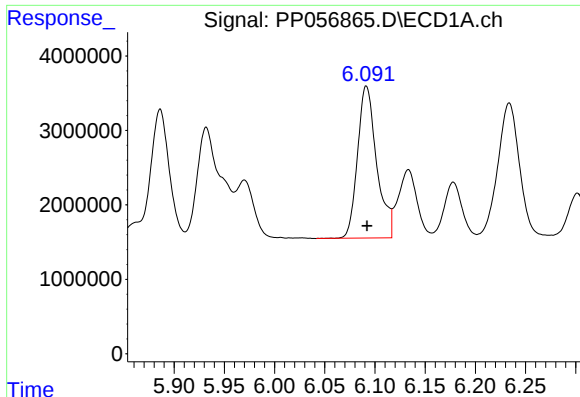
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 23620582
Conc: 401.07 ng/ml



#22 AR-1248-2

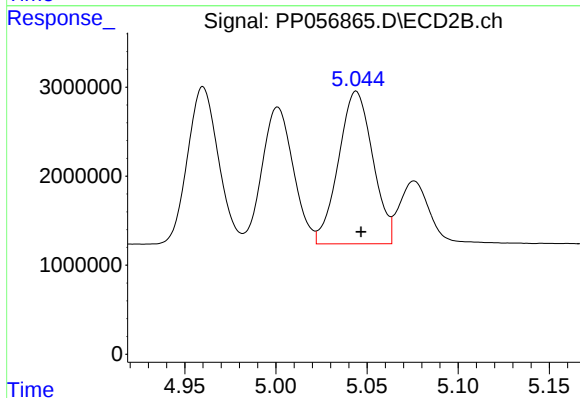
R.T.: 5.001 min
Delta R.T.: -0.003 min
Response: 18320871
Conc: 355.45 ng/ml



#23 AR-1248-3

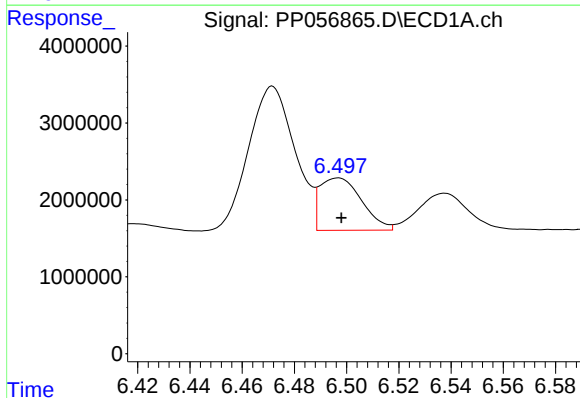
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 27081375
Conc: 425.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



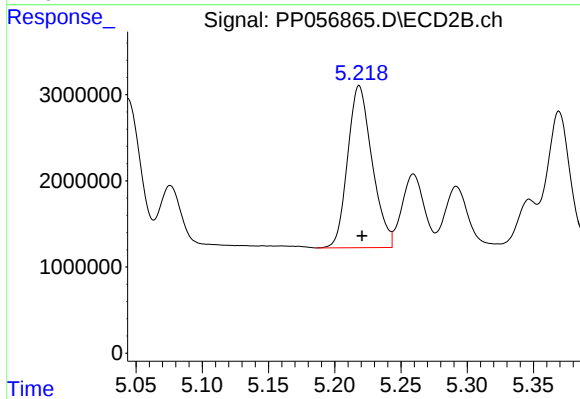
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 22471409
Conc: 418.61 ng/ml



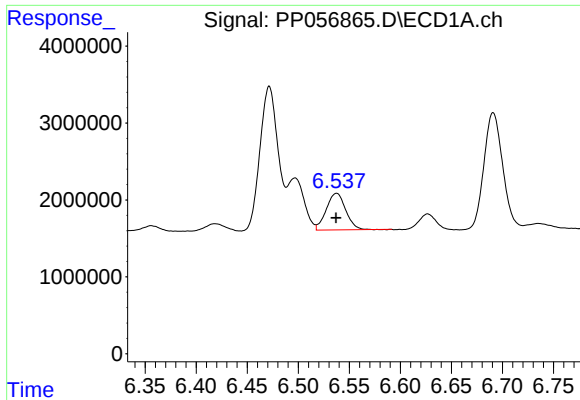
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: -0.001 min
Response: 7580387
Conc: 130.53 ng/ml



#24 AR-1248-4

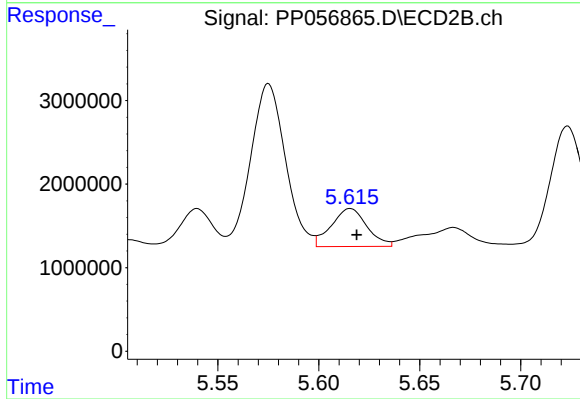
R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 24159246
Conc: 390.45 ng/ml



#25 AR-1248-5

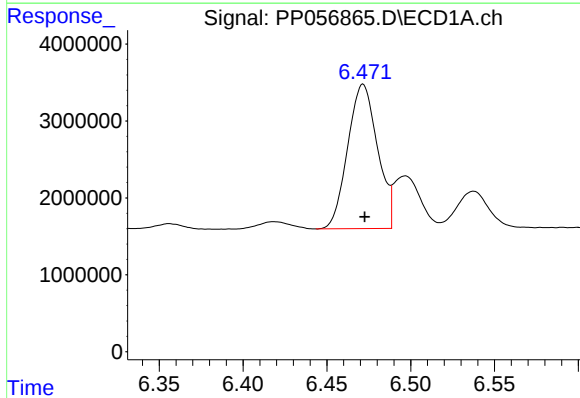
R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 6341721
Conc: 112.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



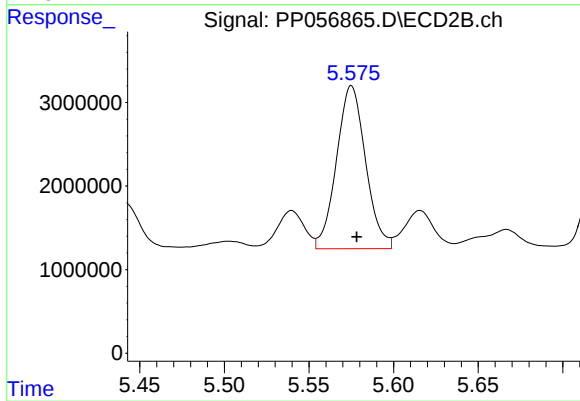
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 5582300
Conc: 108.72 ng/ml



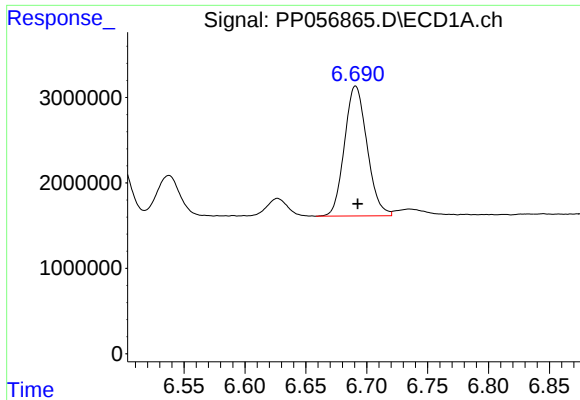
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 23217915
Conc: 327.45 ng/ml



#26 AR-1254-1

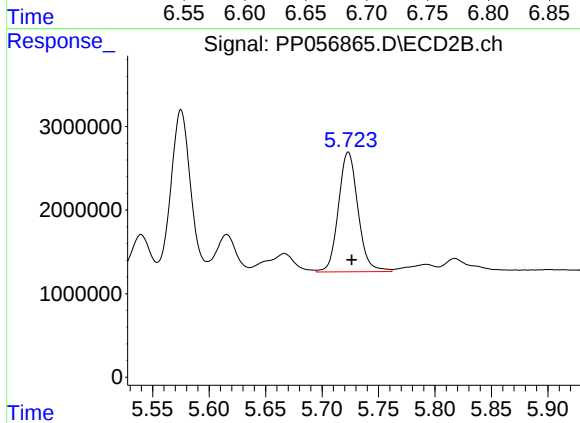
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 23342321
Conc: 253.40 ng/ml



#27 AR-1254-2

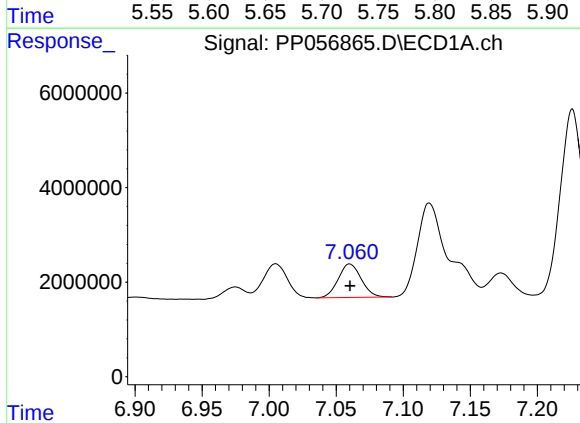
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 19605403
Conc: 193.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



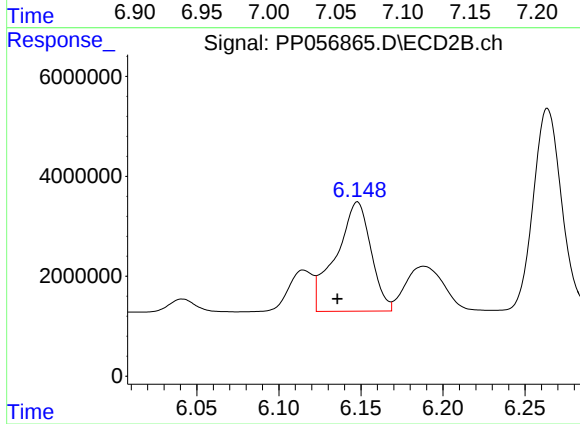
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 17284850
Conc: 215.07 ng/ml



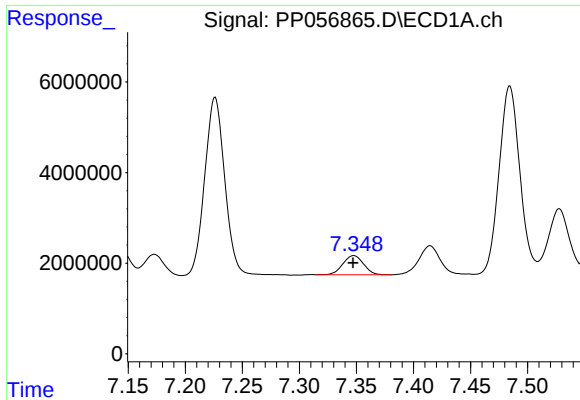
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 8458780
Conc: 87.27 ng/ml



#28 AR-1254-3

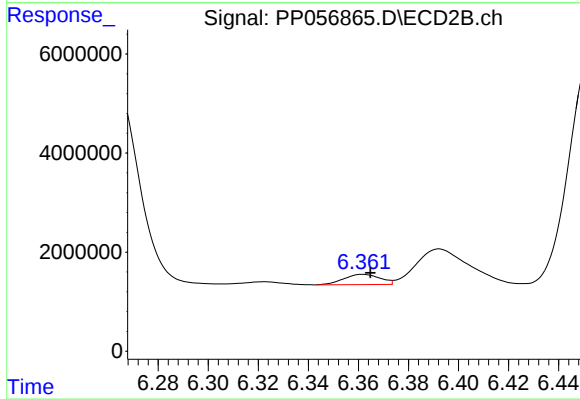
R.T.: 6.148 min
Delta R.T.: 0.012 min
Response: 32455548
Conc: 262.55 ng/ml



#29 AR-1254-4

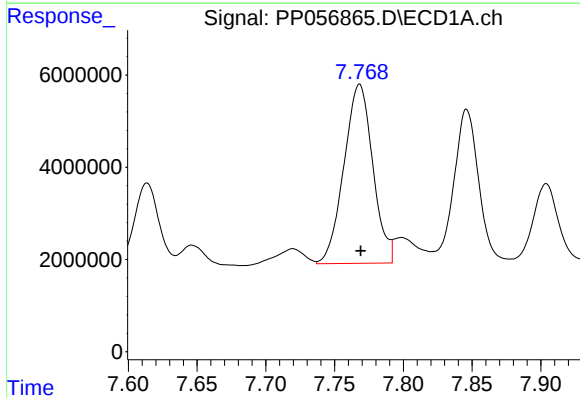
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 5337145
Conc: 87.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



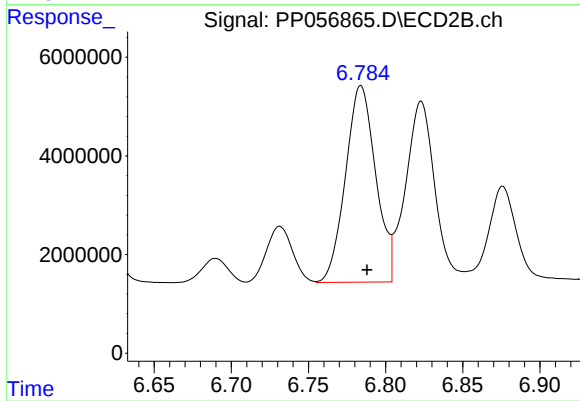
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 2080162
Conc: 32.73 ng/ml



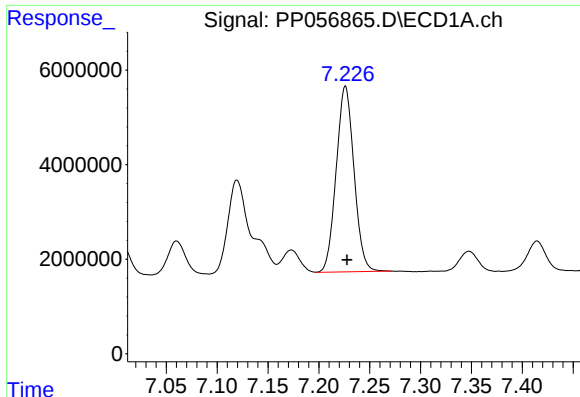
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 56758881
Conc: 832.95 ng/ml



#30 AR-1254-5

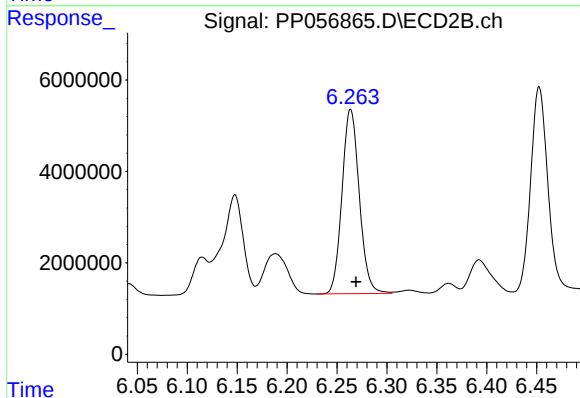
R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 54316039
Conc: 516.63 ng/ml



#31 AR-1260-1

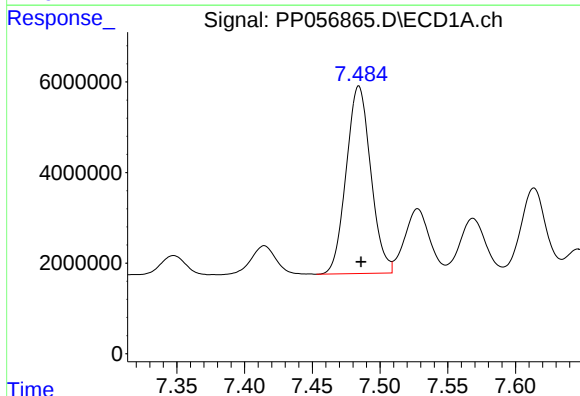
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 47836635
Conc: 587.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



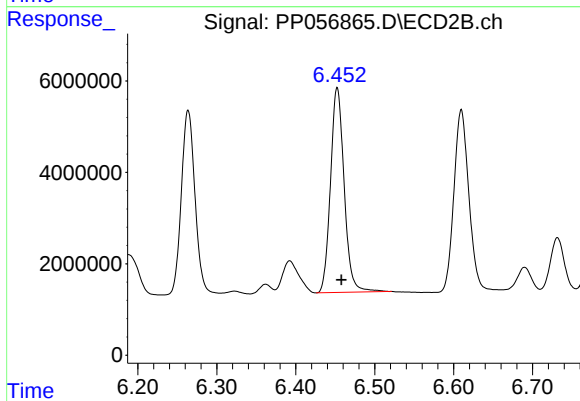
#31 AR-1260-1

R.T.: 6.264 min
Delta R.T.: -0.005 min
Response: 48598439
Conc: 508.12 ng/ml



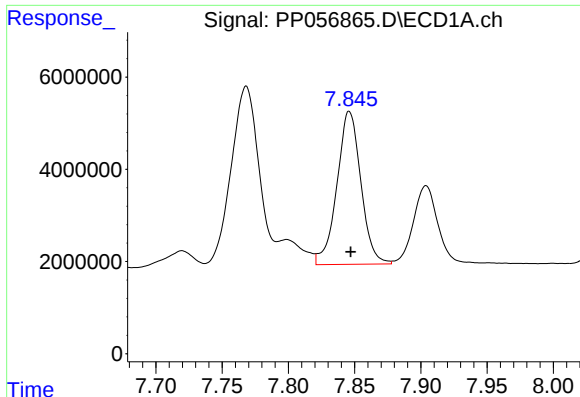
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 52261301
Conc: 612.55 ng/ml



#32 AR-1260-2

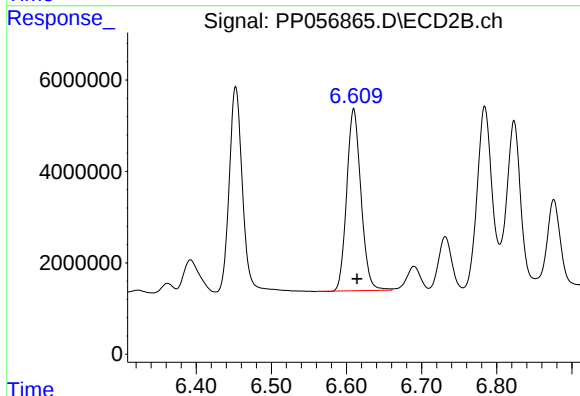
R.T.: 6.453 min
Delta R.T.: -0.005 min
Response: 53983390
Conc: 522.70 ng/ml



#33 AR-1260-3

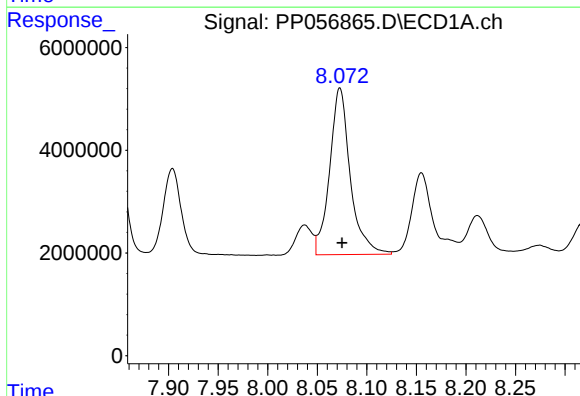
R.T.: 7.846 min
Delta R.T.: -0.001 min
Response: 41733650
Conc: 597.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



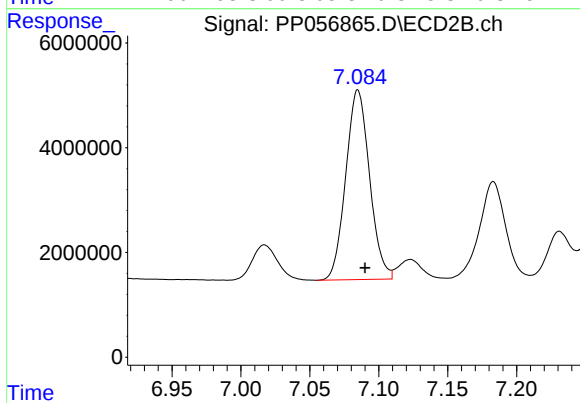
#33 AR-1260-3

R.T.: 6.610 min
Delta R.T.: -0.004 min
Response: 52430444
Conc: 505.57 ng/ml



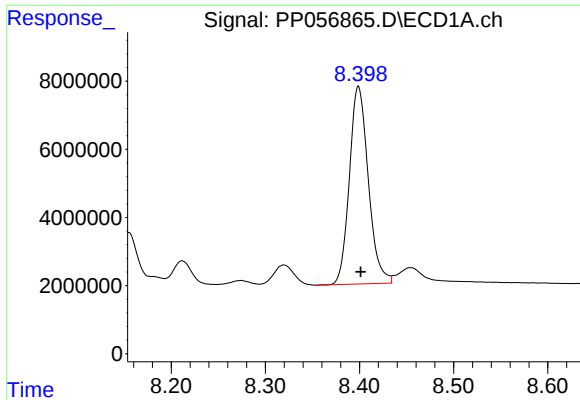
#34 AR-1260-4

R.T.: 8.073 min
Delta R.T.: -0.002 min
Response: 47045908
Conc: 616.60 ng/ml



#34 AR-1260-4

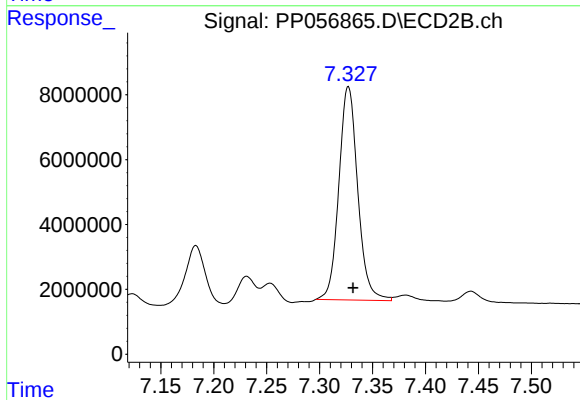
R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 43599254
Conc: 510.47 ng/ml



#35 AR-1260-5

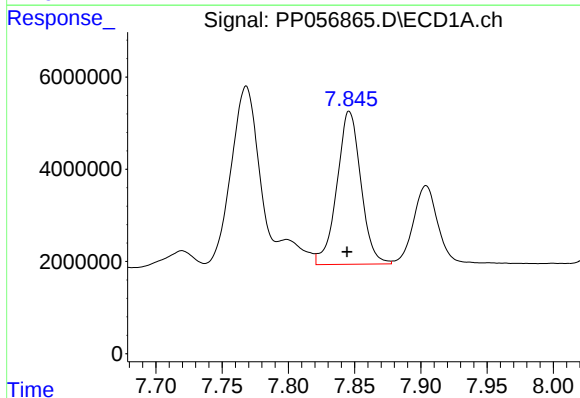
R.T.: 8.399 min
Delta R.T.: -0.002 min
Response: 81002905
Conc: 639.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



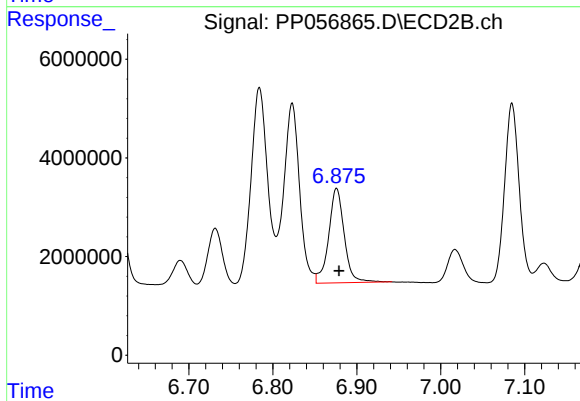
#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 81886986
Conc: 517.41 ng/ml



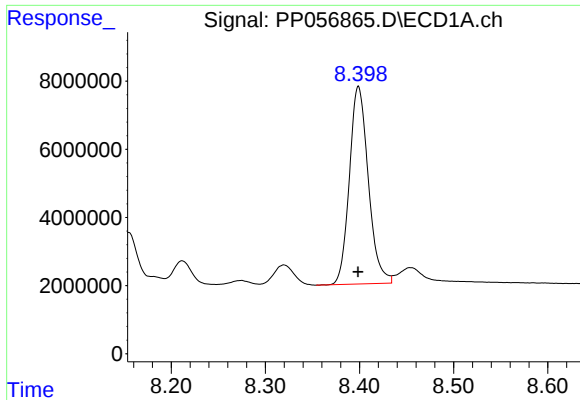
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.002 min
Response: 41733650
Conc: 473.81 ng/ml



#36 AR-1262-1

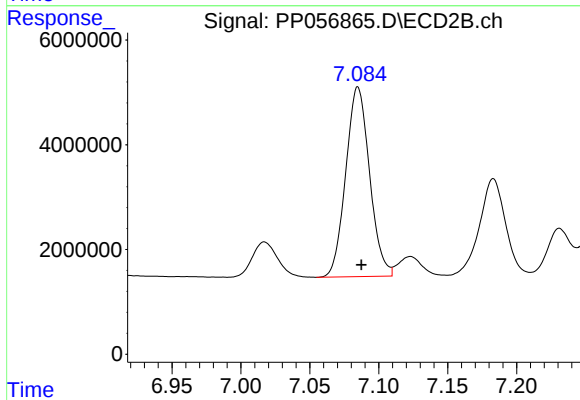
R.T.: 6.876 min
Delta R.T.: -0.003 min
Response: 24688455
Conc: 527.64 ng/ml



#37 AR-1262-2

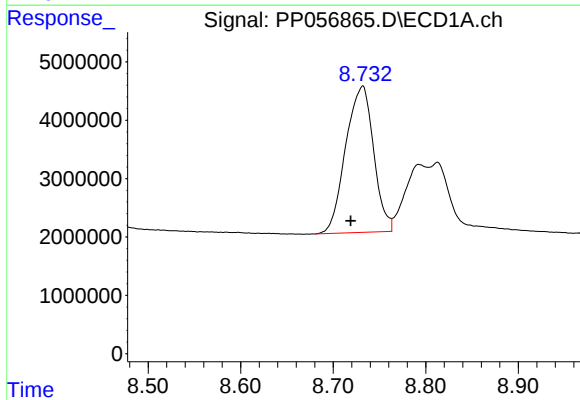
R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 81002905
Conc: 625.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



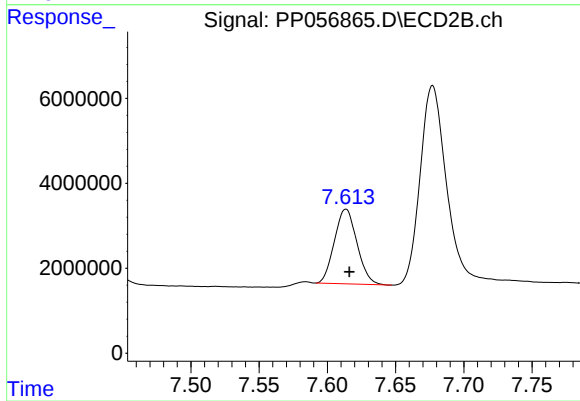
#37 AR-1262-2

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 43599254
Conc: 445.77 ng/ml



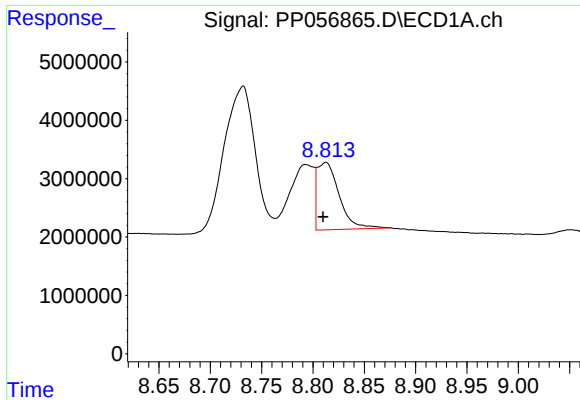
#38 AR-1262-3

R.T.: 8.732 min
Delta R.T.: 0.013 min
Response: 52546305
Conc: 570.47 ng/ml



#38 AR-1262-3

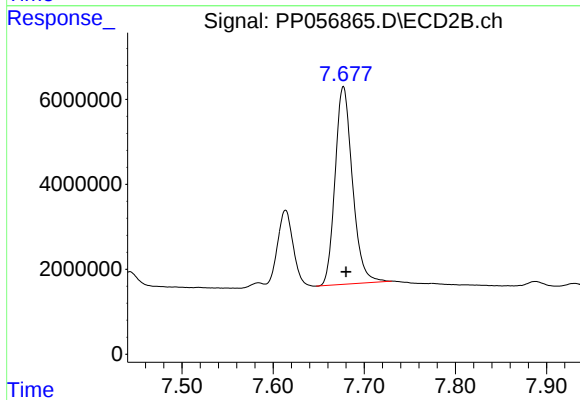
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 20305859
Conc: 305.75 ng/ml



#39 AR-1262-4

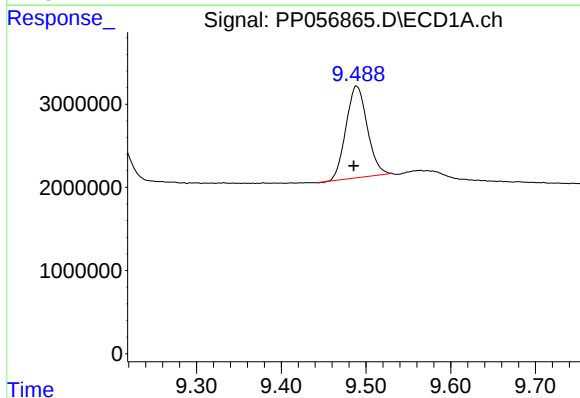
R.T.: 8.813 min
Delta R.T.: 0.003 min
Response: 17292875
Conc: 380.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



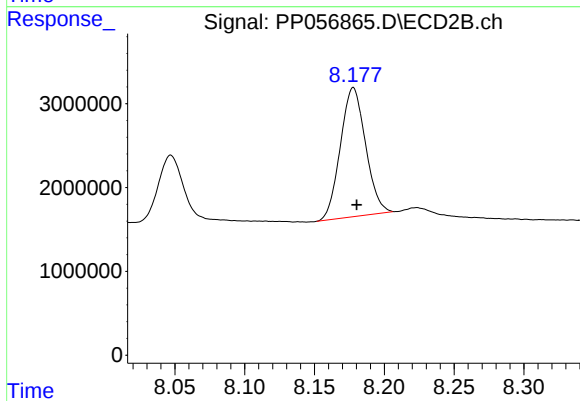
#39 AR-1262-4

R.T.: 7.677 min
Delta R.T.: -0.003 min
Response: 61591873
Conc: 522.57 ng/ml



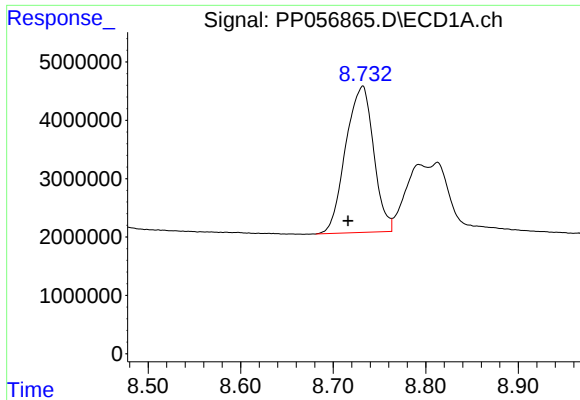
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: 0.003 min
Response: 19327169
Conc: 481.10 ng/ml



#40 AR-1262-5

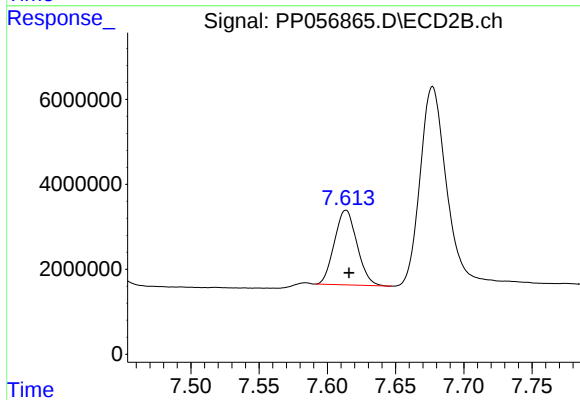
R.T.: 8.178 min
Delta R.T.: -0.002 min
Response: 19431649
Conc: 398.70 ng/ml



#41 AR-1268-1

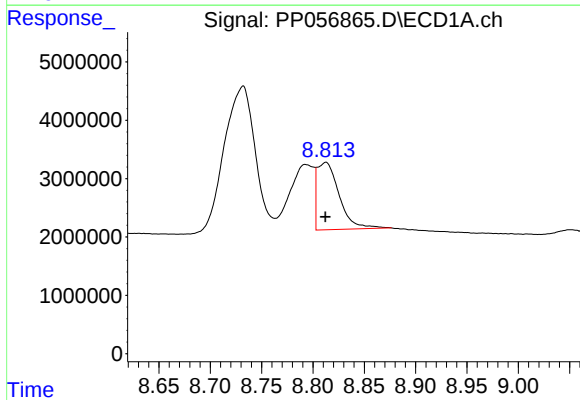
R.T.: 8.732 min
Delta R.T.: 0.016 min
Response: 52546305
Conc: 282.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



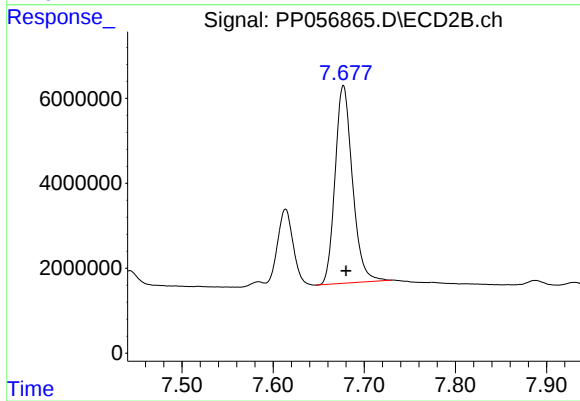
#41 AR-1268-1

R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 20305859
Conc: 91.60 ng/ml



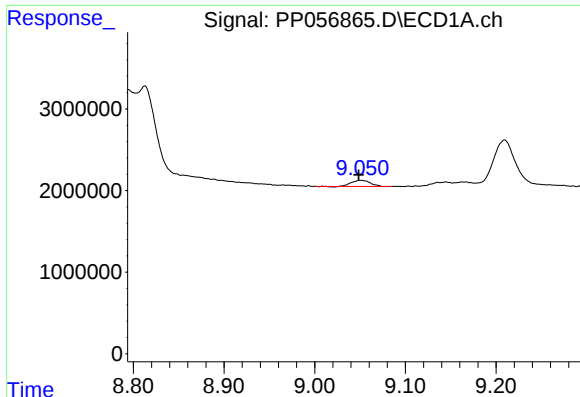
#42 AR-1268-2

R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 17292875
Conc: 104.21 ng/ml



#42 AR-1268-2

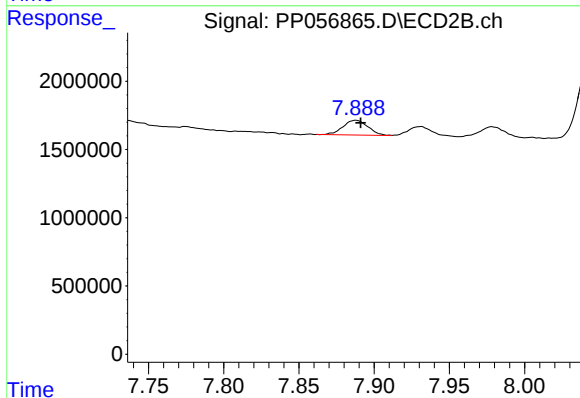
R.T.: 7.677 min
Delta R.T.: -0.003 min
Response: 61591873
Conc: 317.15 ng/ml



#43 AR-1268-3

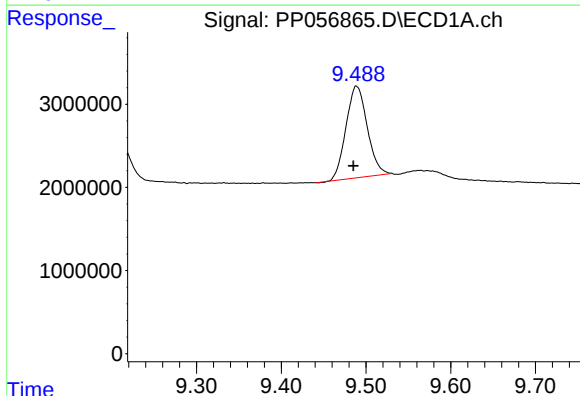
R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 1069011
Conc: 6.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



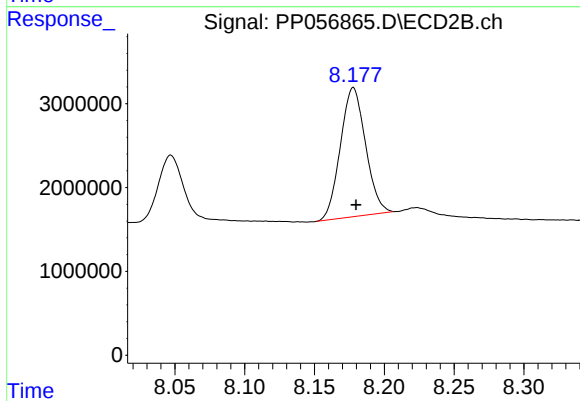
#43 AR-1268-3

R.T.: 7.888 min
Delta R.T.: -0.003 min
Response: 1260520
Conc: 6.36 ng/ml



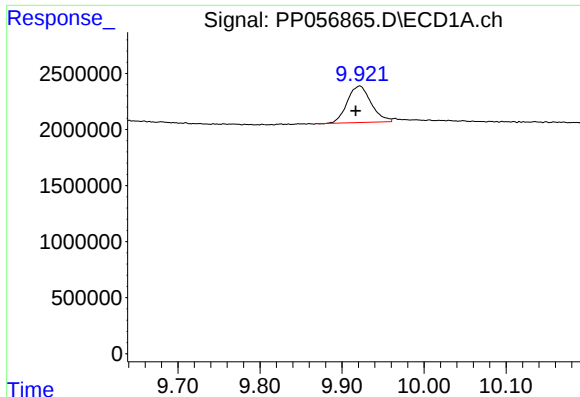
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: 0.004 min
Response: 19327169
Conc: 416.27 ng/ml



#44 AR-1268-4

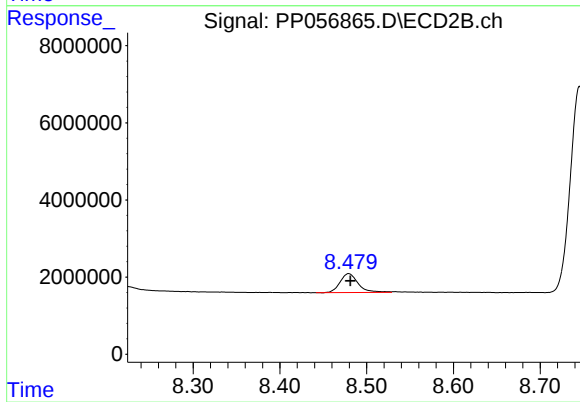
R.T.: 8.178 min
Delta R.T.: -0.002 min
Response: 19431649
Conc: 335.94 ng/ml



#45 AR-1268-5

R.T.: 9.922 min
Delta R.T.: 0.005 min
Response: 6605578
Conc: 15.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.002 min
Response: 7113669
Conc: 14.01 ng/ml