

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061422\
 Data File : PP048752.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2022 11:47
 Operator : YP\AJ
 Sample : N2988-24MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 15:12:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 07 11:09:40 2022
 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...	4.038	3.200	63648366	55741188	26.562	29.286
2)	SA Decachlor...	10.387	8.612	53202769	34725930	27.913	28.358
Target Compounds							
3)	L1 AR-1016-1	5.325	4.358	52361119	46659874	608.595	673.506
4)	L1 AR-1016-2	5.349	4.377	76001234	64726293	624.240	682.421
5)	L1 AR-1016-3	5.416	4.563	46933190	35471336	619.216	681.986
6)	L1 AR-1016-4	5.526	4.612	39177433	27171674	622.804	675.039
7)	L1 AR-1016-5	5.850	4.838	38764514	35323437	627.914	692.638
8)	L2 AR-1221-1	4.274	3.431	14341692	4952813	515.520	210.941 #
9)	L2 AR-1221-2	4.368	3.521	6232380	7417963	306.603	413.744 #
10)	L2 AR-1221-3	4.452	3.602	27653210	25311607	435.890	483.402
11)	L3 AR-1232-1	4.452	3.602	27653210	25311607	472.771	522.693
12)	L3 AR-1232-2	5.029	4.377	38764762	64726293	1302.423	1447.443
13)	L3 AR-1232-3	5.349	4.563	76001234	35471336	1365.002	1444.889
14)	L3 AR-1232-4	5.526	4.656	39177433	33733008	1369.936	1576.674
15)	L3 AR-1232-5	5.626	4.838	31334641	35323437	1498.113	1476.309
16)	L4 AR-1242-1	5.325	4.358	52361119	46659874	775.592	838.648
17)	L4 AR-1242-2	5.349	4.377	76001234	64726293	782.054	852.547
18)	L4 AR-1242-3	5.416	4.563	46933190	35471336	774.150	840.325
19)	L4 AR-1242-4	5.526	4.656	39177433	33733008	770.188	838.249
20)	L4 AR-1242-5	6.340	5.217	5526911	27220174	103.502	551.101 #
21)	L5 AR-1248-1	5.325	4.358	52361119	46659874	1016.661	1104.315
22)	L5 AR-1248-2	5.626	4.612	31334641	27171674	416.706	480.329
23)	L5 AR-1248-3	5.850	4.656	38764514	33733008	463.679	565.018
24)	L5 AR-1248-4	6.299	4.838	6112011	35323437	67.257	506.181 #
25)	L5 AR-1248-5	6.340	5.261	5526911	4445144	62.425	64.962
26)	L6 AR-1254-1	6.265	5.217	28771729	27220174	309.375	269.268
27)	L6 AR-1254-2	6.508	5.378	30974130	26858388	223.300	305.028 #
28)	L6 AR-1254-3	6.916	5.831	17398530	45122433	122.368	324.602 #
29)	L6 AR-1254-4	7.234	6.062	12902882	6944623	121.081	80.084 #
30)	L6 AR-1254-5	7.700	6.516	106.2E6	89850095	894.392	732.601
31)	L7 AR-1260-1	7.095	5.955	69156495	60350708	663.717	715.216
32)	L7 AR-1260-2	7.383	6.161	86355611	75939267	709.191	741.383
33)	L7 AR-1260-3	7.781	6.326	58542317	68529619	691.500	707.133
34)	L7 AR-1260-4	8.033	6.841	68454505	49264793	661.638	696.051
35)	L7 AR-1260-5	8.395	7.107	132.0E6	118.5E6	674.433	737.982
36)	L8 AR-1262-1	7.781	6.559	58542317	57195271	434.890	507.286
37)	L8 AR-1262-2	8.395	6.841	132.0E6	49264793	563.621	491.683
38)	L8 AR-1262-3	8.762f	7.417	90042609	25177068	918.336	335.181 #
39)	L8 AR-1262-4	8.820f	7.485	51203973	85504040	817.053	614.007
40)	L8 AR-1262-5	9.570	8.028	35914674	24584765	431.362	387.726
41)	L9 AR-1268-1	8.762f	7.417	90042609	25177068	323.106	119.038 #

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 Acq On : 14 Jun 2022 11:47
 Operator : YP\AJ
 Sample : N2988-24MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

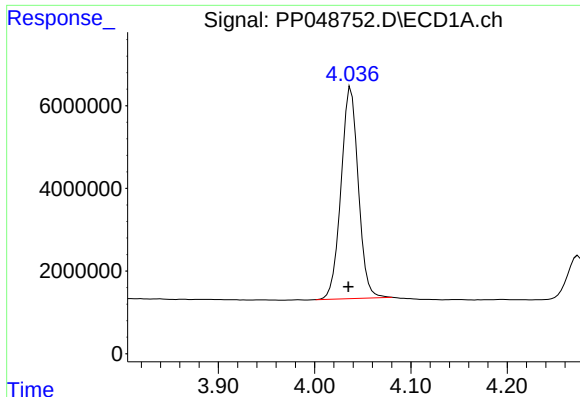
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 15:12:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.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	8.820f	7.485	51203973	85504040	197.612	444.642 #
43) L9	AR-1268-3	9.089	7.712	2881733	2320064	12.899	14.425
44) L9	AR-1268-4	9.570	8.028	35914674	24584765	376.412	340.781
45) L9	AR-1268-5	10.021	8.340	15803541	9123887	21.650	19.584

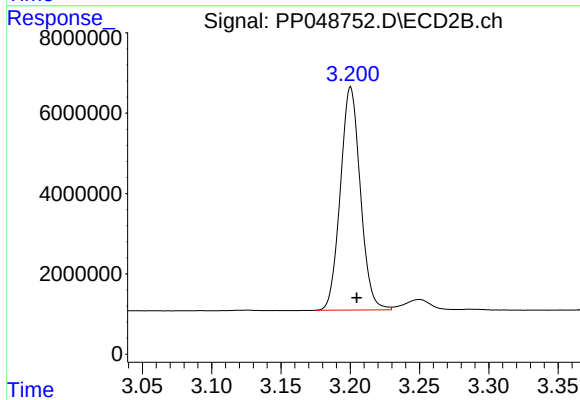
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

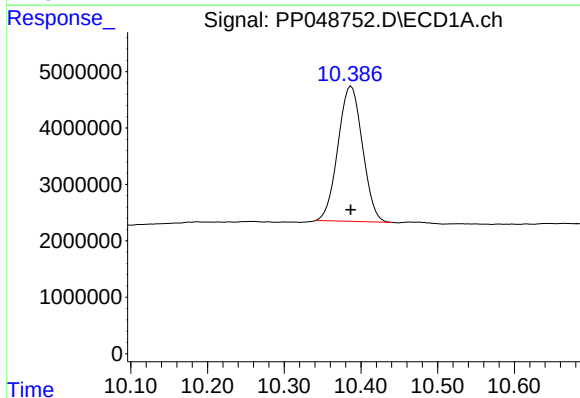
R.T.: 4.038 min
Delta R.T.: 0.003 min
Response: 63648366
Conc: 26.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



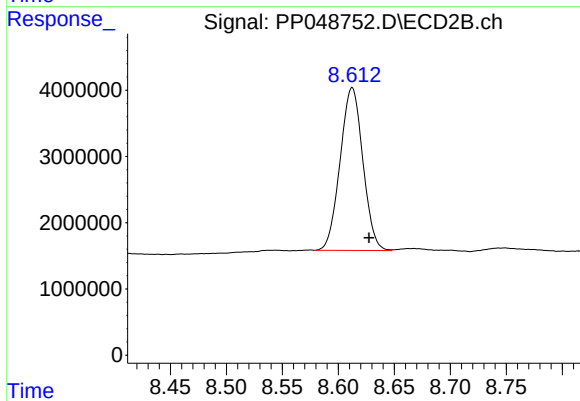
#1 Tetrachloro-m-xylene

R.T.: 3.200 min
Delta R.T.: -0.004 min
Response: 55741188
Conc: 29.29 ng/ml



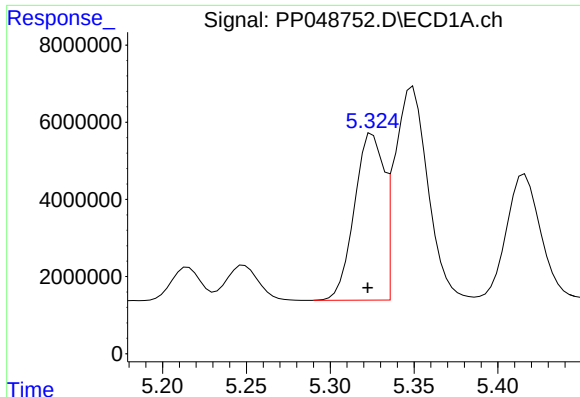
#2 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: 0.000 min
Response: 53202769
Conc: 27.91 ng/ml



#2 Decachlorobiphenyl

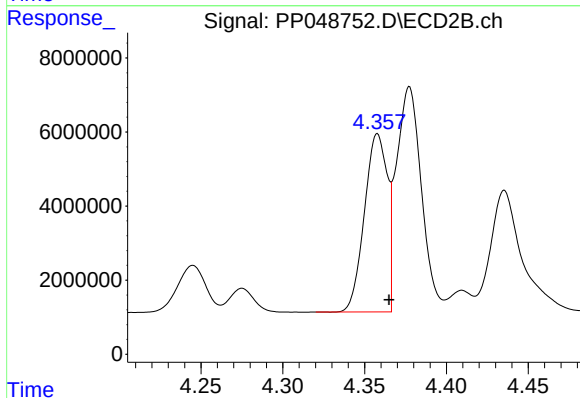
R.T.: 8.612 min
Delta R.T.: -0.015 min
Response: 34725930
Conc: 28.36 ng/ml



#3 AR-1016-1

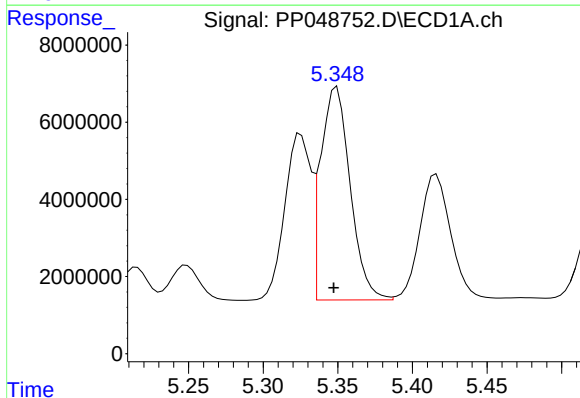
R.T.: 5.325 min
Delta R.T.: 0.003 min
Response: 52361119
Conc: 608.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



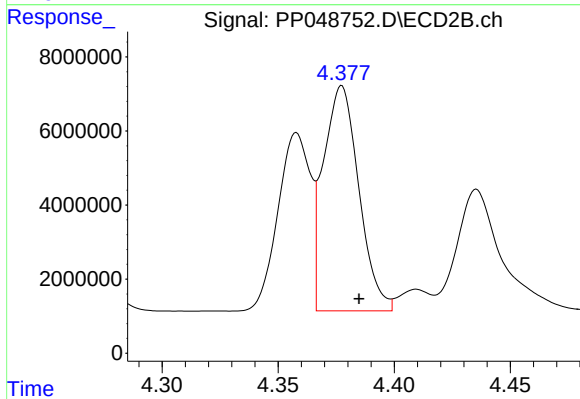
#3 AR-1016-1

R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 46659874
Conc: 673.51 ng/ml



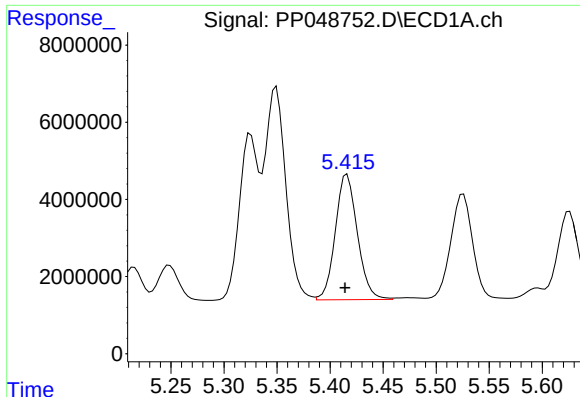
#4 AR-1016-2

R.T.: 5.349 min
Delta R.T.: 0.002 min
Response: 76001234
Conc: 624.24 ng/ml



#4 AR-1016-2

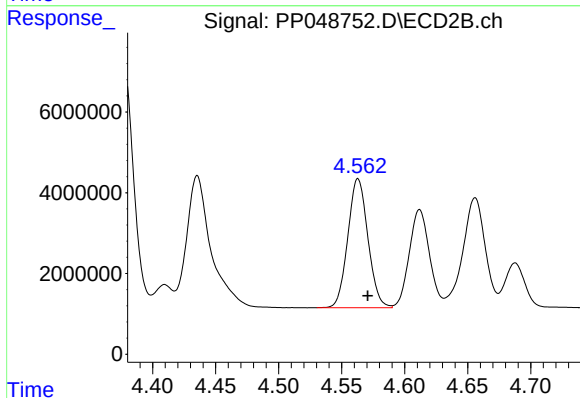
R.T.: 4.377 min
Delta R.T.: -0.007 min
Response: 64726293
Conc: 682.42 ng/ml



#5 AR-1016-3

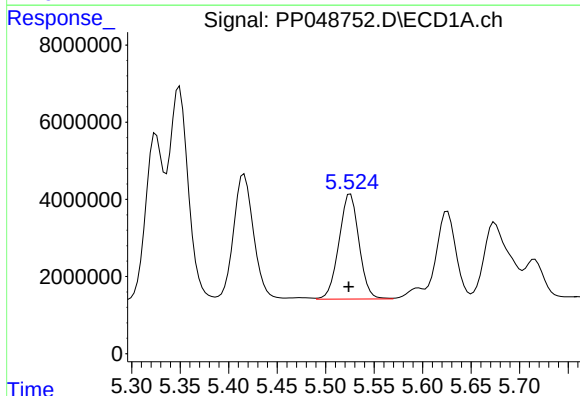
R.T.: 5.416 min
Delta R.T.: 0.002 min
Response: 46933190
Conc: 619.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



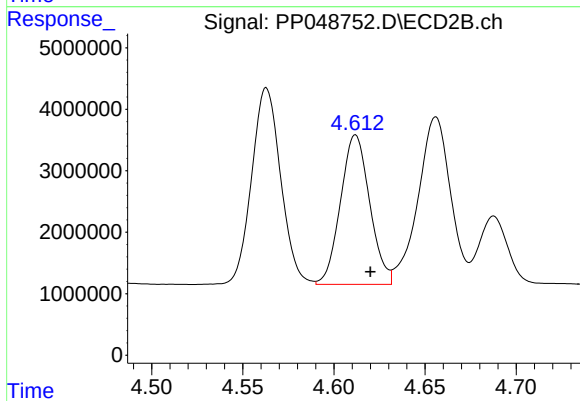
#5 AR-1016-3

R.T.: 4.563 min
Delta R.T.: -0.008 min
Response: 35471336
Conc: 681.99 ng/ml



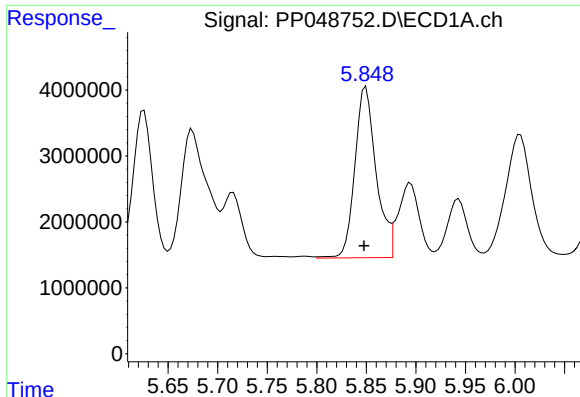
#6 AR-1016-4

R.T.: 5.526 min
Delta R.T.: 0.002 min
Response: 39177433
Conc: 622.80 ng/ml



#6 AR-1016-4

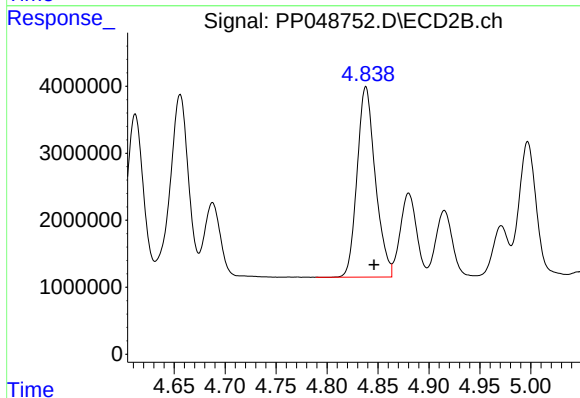
R.T.: 4.612 min
Delta R.T.: -0.008 min
Response: 27171674
Conc: 675.04 ng/ml



#7 AR-1016-5

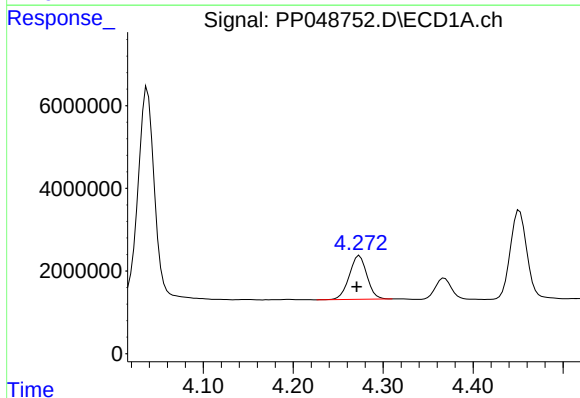
R.T.: 5.850 min
Delta R.T.: 0.002 min
Response: 38764514
Conc: 627.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



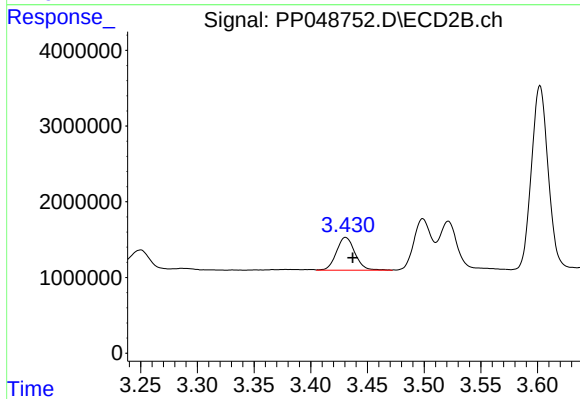
#7 AR-1016-5

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 35323437
Conc: 692.64 ng/ml



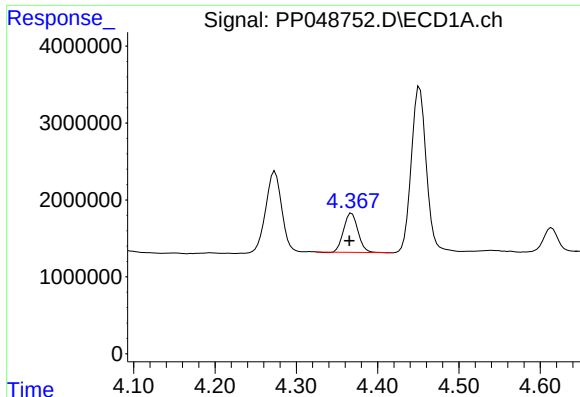
#8 AR-1221-1

R.T.: 4.274 min
Delta R.T.: 0.003 min
Response: 14341692
Conc: 515.52 ng/ml



#8 AR-1221-1

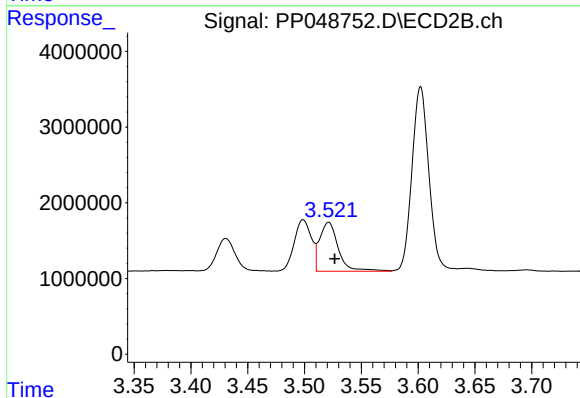
R.T.: 3.431 min
Delta R.T.: -0.006 min
Response: 4952813
Conc: 210.94 ng/ml



#9 AR-1221-2

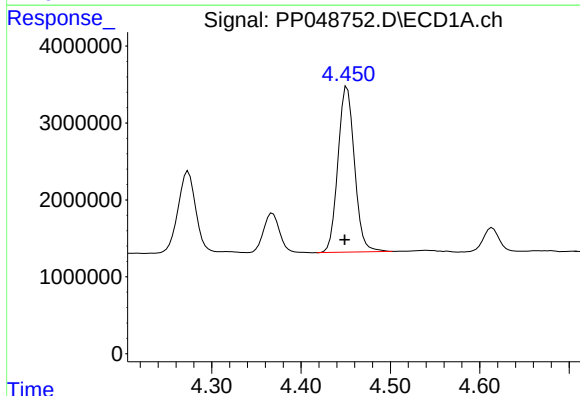
R.T.: 4.368 min
Delta R.T.: 0.003 min
Response: 6232380
Conc: 306.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



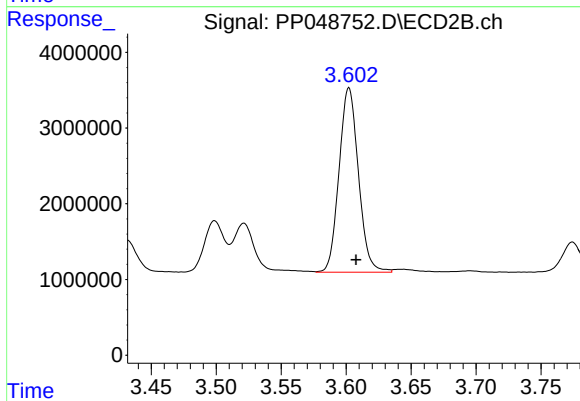
#9 AR-1221-2

R.T.: 3.521 min
Delta R.T.: -0.005 min
Response: 7417963
Conc: 413.74 ng/ml



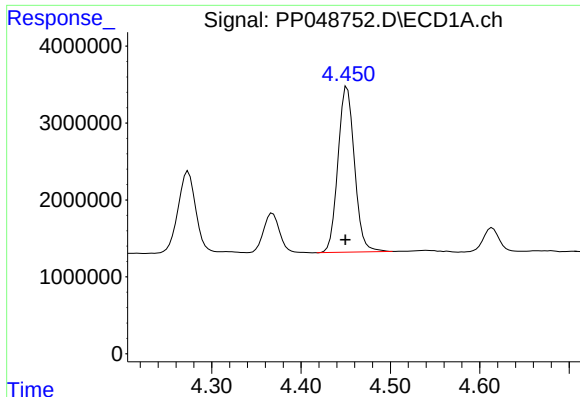
#10 AR-1221-3

R.T.: 4.452 min
Delta R.T.: 0.003 min
Response: 27653210
Conc: 435.89 ng/ml



#10 AR-1221-3

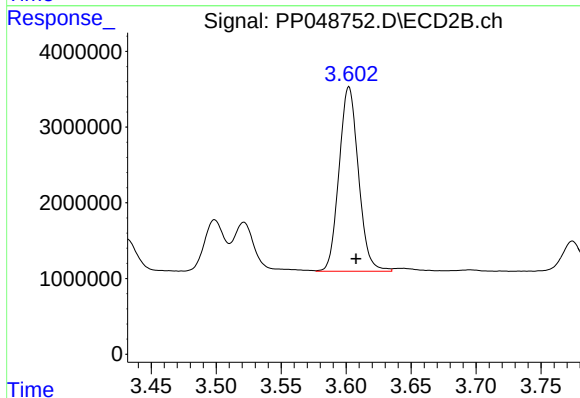
R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 25311607
Conc: 483.40 ng/ml



#11 AR-1232-1

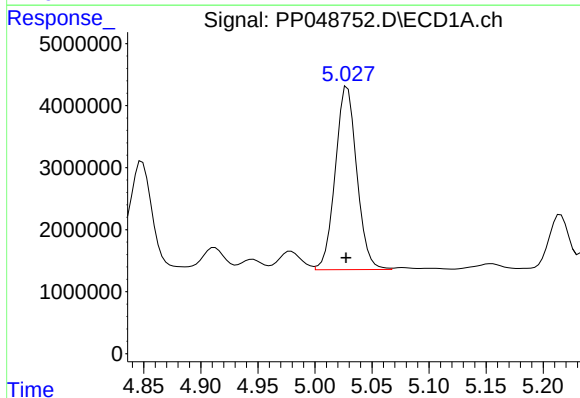
R.T.: 4.452 min
Delta R.T.: 0.002 min
Response: 27653210
Conc: 472.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



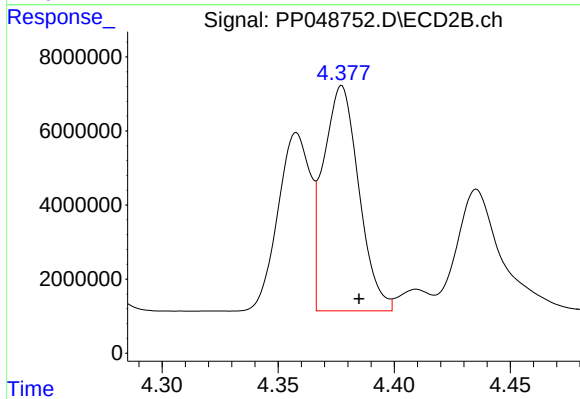
#11 AR-1232-1

R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 25311607
Conc: 522.69 ng/ml



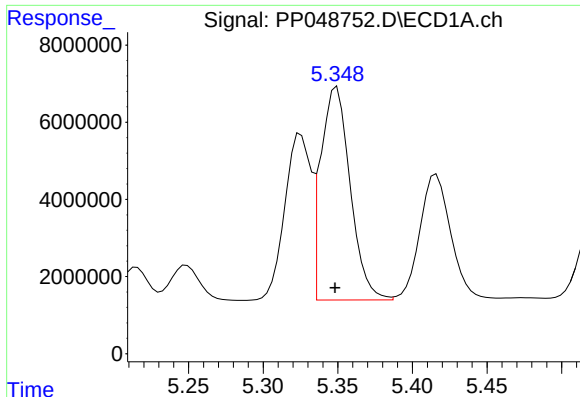
#12 AR-1232-2

R.T.: 5.029 min
Delta R.T.: 0.001 min
Response: 38764762
Conc: 1302.42 ng/ml



#12 AR-1232-2

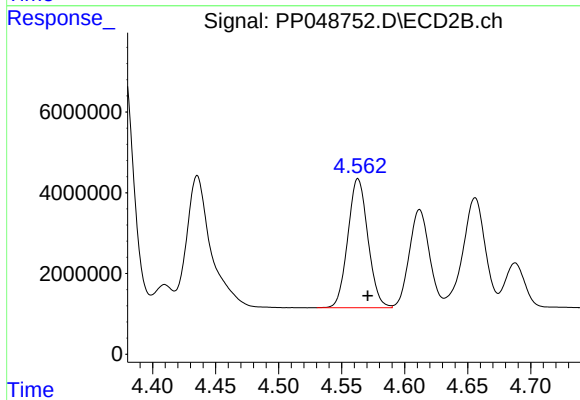
R.T.: 4.377 min
Delta R.T.: -0.008 min
Response: 64726293
Conc: 1447.44 ng/ml



#13 AR-1232-3

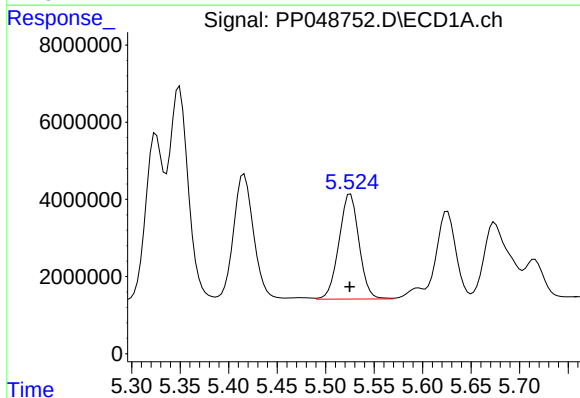
R.T.: 5.349 min
Delta R.T.: 0.001 min
Response: 76001234
Conc: 1365.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



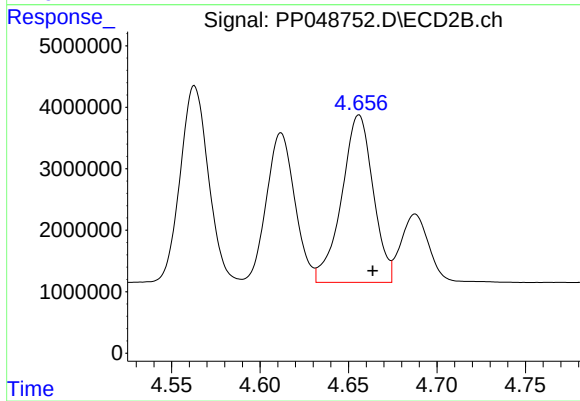
#13 AR-1232-3

R.T.: 4.563 min
Delta R.T.: -0.008 min
Response: 35471336
Conc: 1444.89 ng/ml



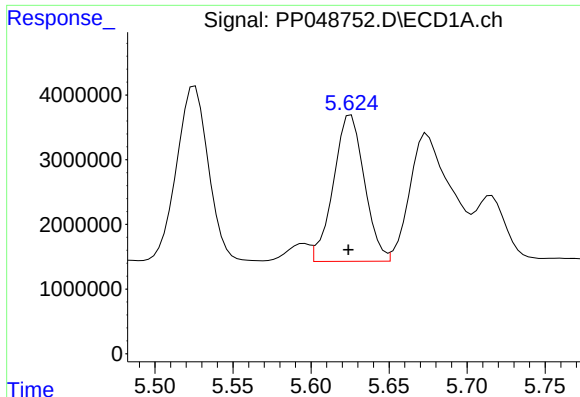
#14 AR-1232-4

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 39177433
Conc: 1369.94 ng/ml



#14 AR-1232-4

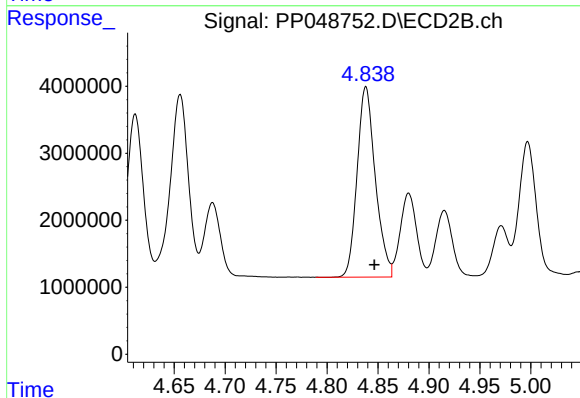
R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 33733008
Conc: 1576.67 ng/ml



#15 AR-1232-5

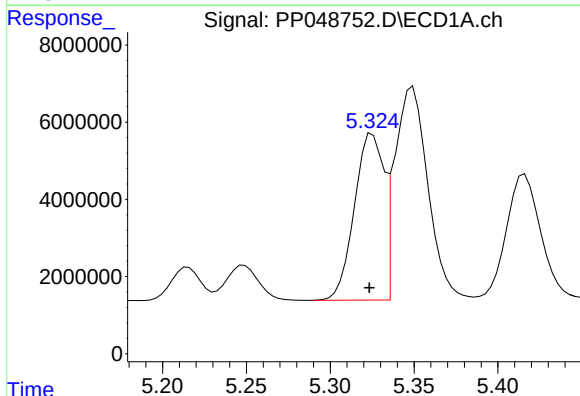
R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 31334641
Conc: 1498.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



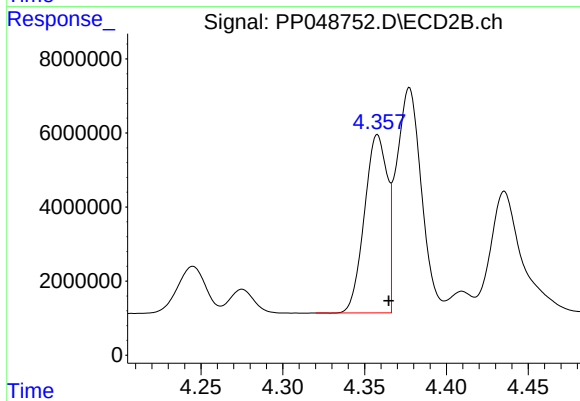
#15 AR-1232-5

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 35323437
Conc: 1476.31 ng/ml



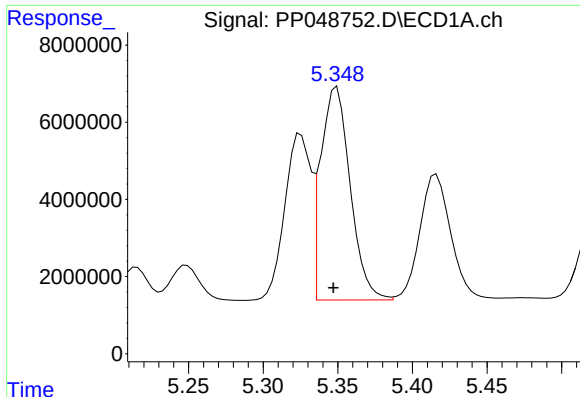
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 52361119
Conc: 775.59 ng/ml



#16 AR-1242-1

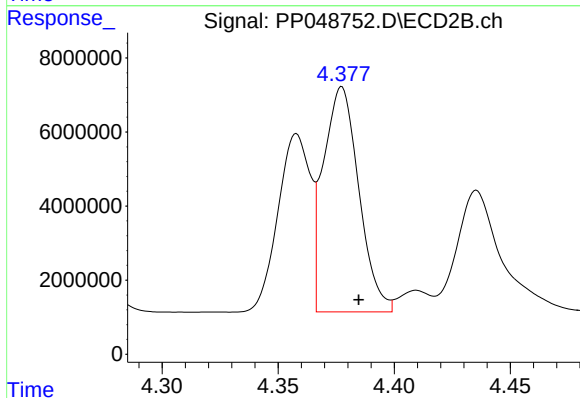
R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 46659874
Conc: 838.65 ng/ml



#17 AR-1242-2

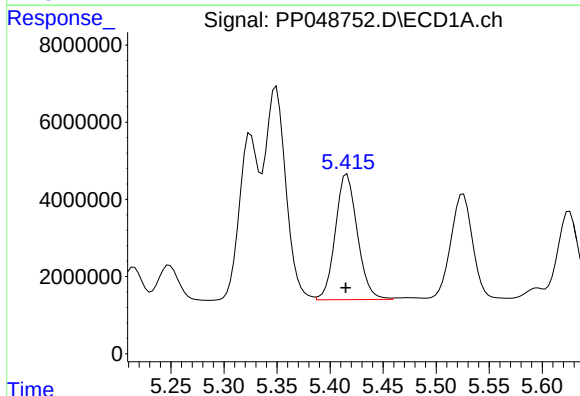
R.T.: 5.349 min
Delta R.T.: 0.002 min
Response: 76001234
Conc: 782.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



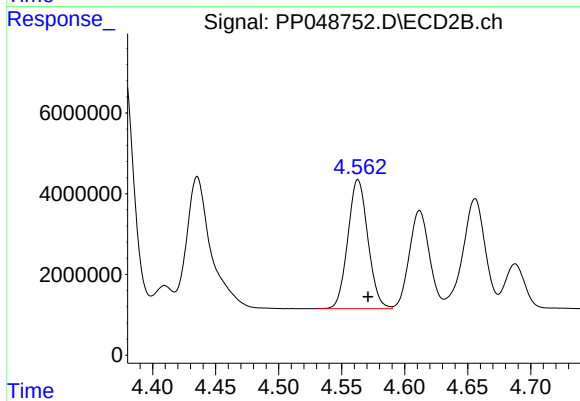
#17 AR-1242-2

R.T.: 4.377 min
Delta R.T.: -0.007 min
Response: 64726293
Conc: 852.55 ng/ml



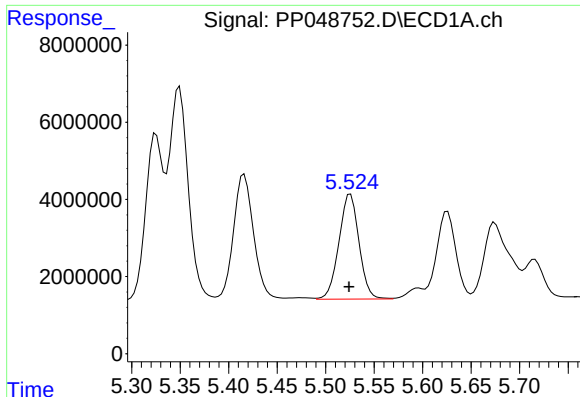
#18 AR-1242-3

R.T.: 5.416 min
Delta R.T.: 0.001 min
Response: 46933190
Conc: 774.15 ng/ml



#18 AR-1242-3

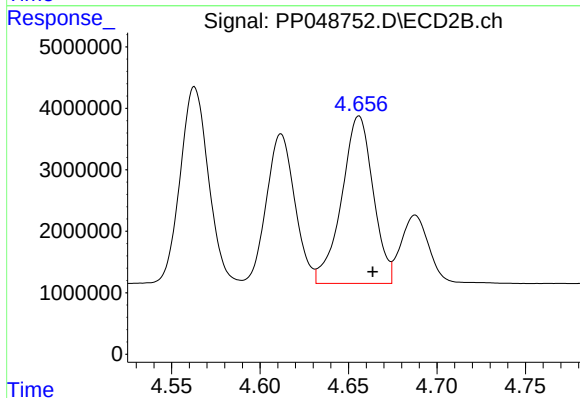
R.T.: 4.563 min
Delta R.T.: -0.008 min
Response: 35471336
Conc: 840.33 ng/ml



#19 AR-1242-4

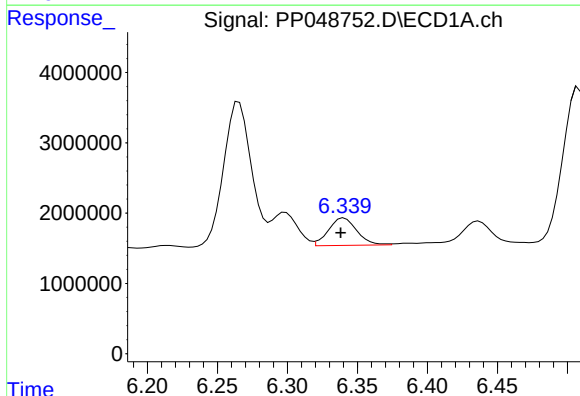
R.T.: 5.526 min
Delta R.T.: 0.002 min
Response: 39177433
Conc: 770.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



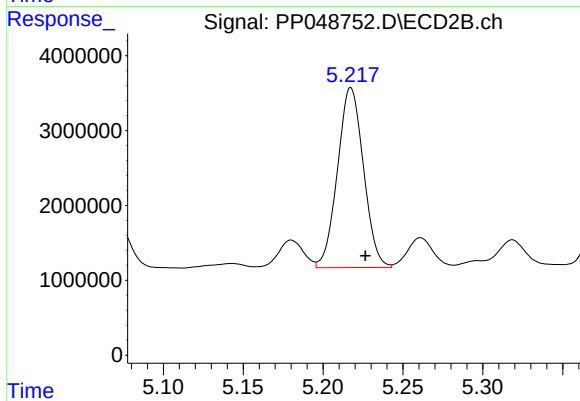
#19 AR-1242-4

R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 33733008
Conc: 838.25 ng/ml



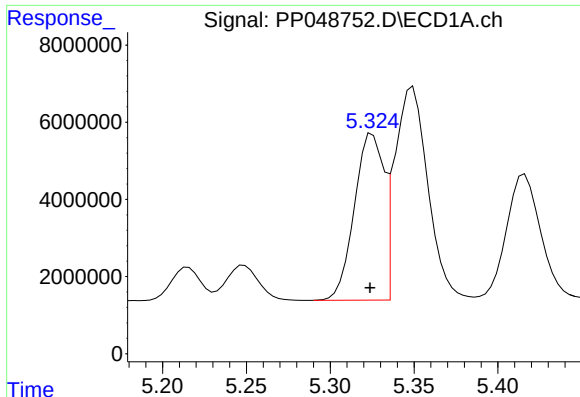
#20 AR-1242-5

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 5526911
Conc: 103.50 ng/ml



#20 AR-1242-5

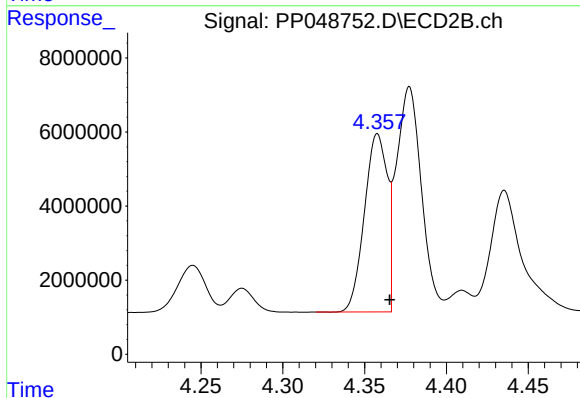
R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 27220174
Conc: 551.10 ng/ml



#21 AR-1248-1

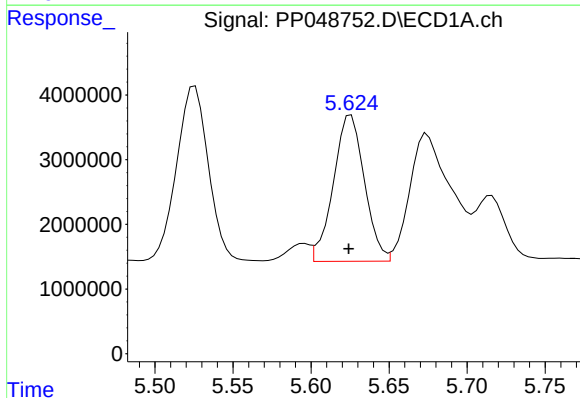
R.T.: 5.325 min
Delta R.T.: 0.001 min
Response: 52361119
Conc: 1016.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



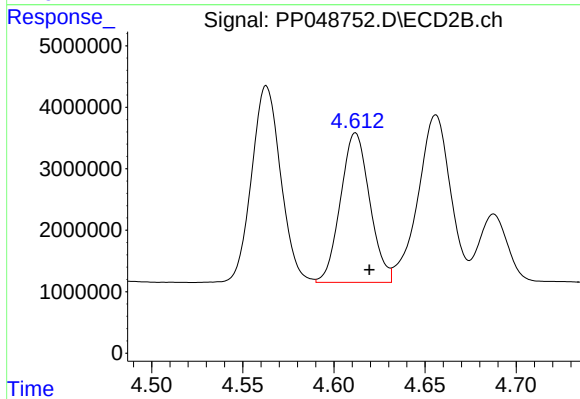
#21 AR-1248-1

R.T.: 4.358 min
Delta R.T.: -0.008 min
Response: 46659874
Conc: 1104.31 ng/ml



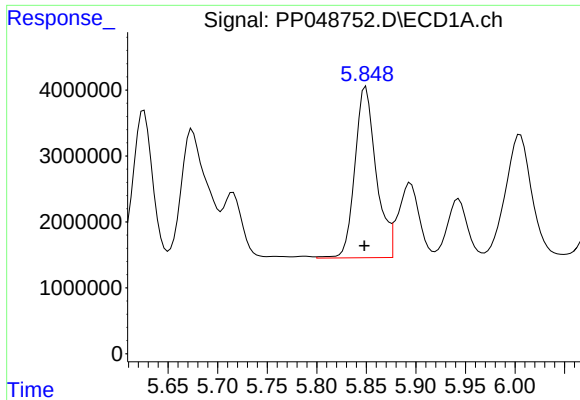
#22 AR-1248-2

R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 31334641
Conc: 416.71 ng/ml



#22 AR-1248-2

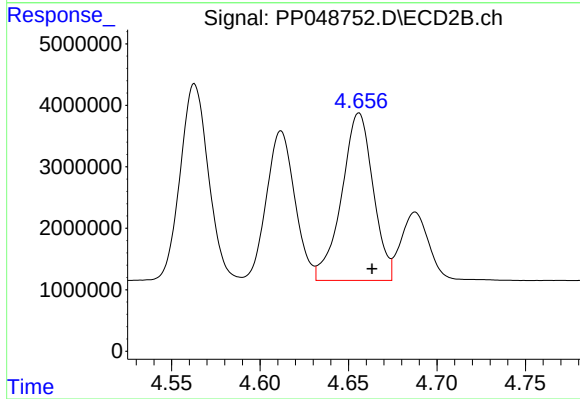
R.T.: 4.612 min
Delta R.T.: -0.008 min
Response: 27171674
Conc: 480.33 ng/ml



#23 AR-1248-3

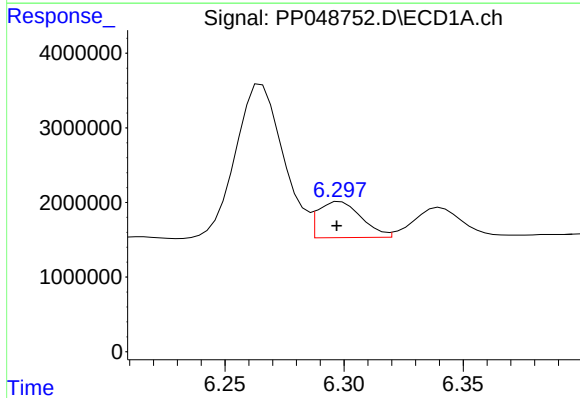
R.T.: 5.850 min
Delta R.T.: 0.001 min
Response: 38764514
Conc: 463.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



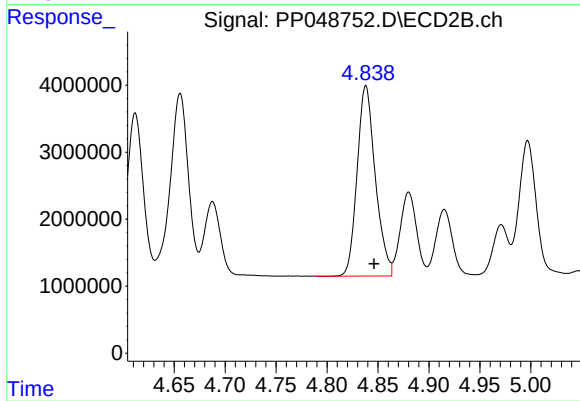
#23 AR-1248-3

R.T.: 4.656 min
Delta R.T.: -0.007 min
Response: 33733008
Conc: 565.02 ng/ml



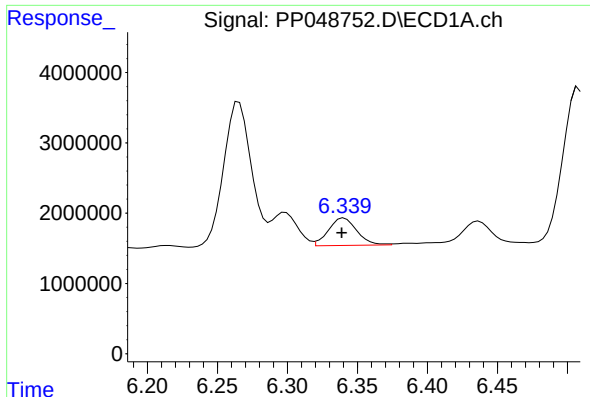
#24 AR-1248-4

R.T.: 6.299 min
Delta R.T.: 0.002 min
Response: 6112011
Conc: 67.26 ng/ml



#24 AR-1248-4

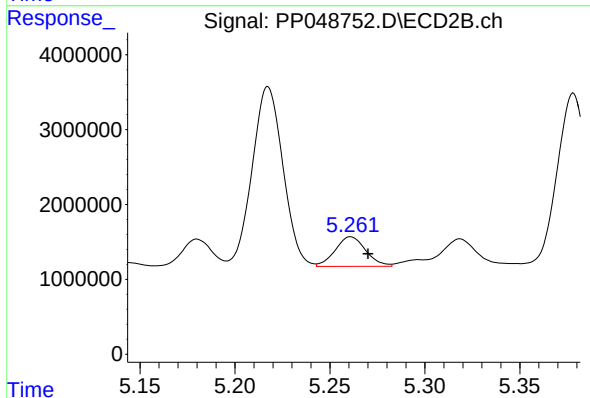
R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 35323437
Conc: 506.18 ng/ml



#25 AR-1248-5

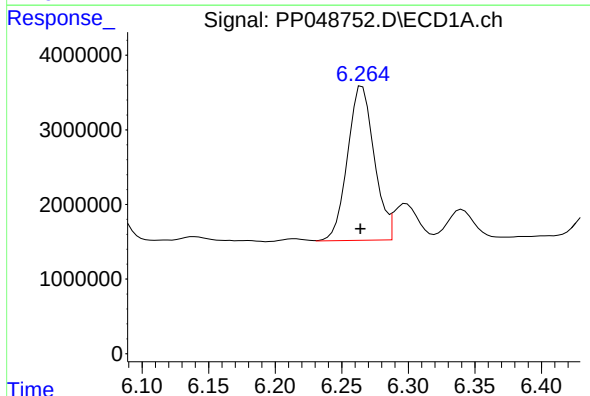
R.T.: 6.340 min
Delta R.T.: 0.001 min
Response: 5526911
Conc: 62.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



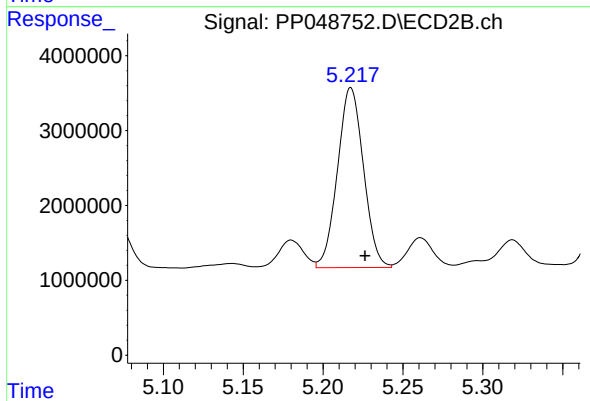
#25 AR-1248-5

R.T.: 5.261 min
Delta R.T.: -0.009 min
Response: 4445144
Conc: 64.96 ng/ml



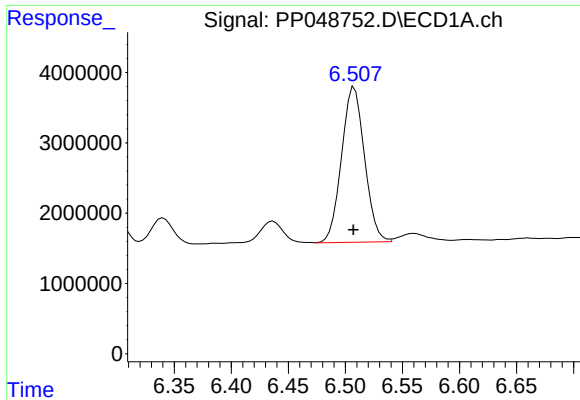
#26 AR-1254-1

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 28771729
Conc: 309.38 ng/ml



#26 AR-1254-1

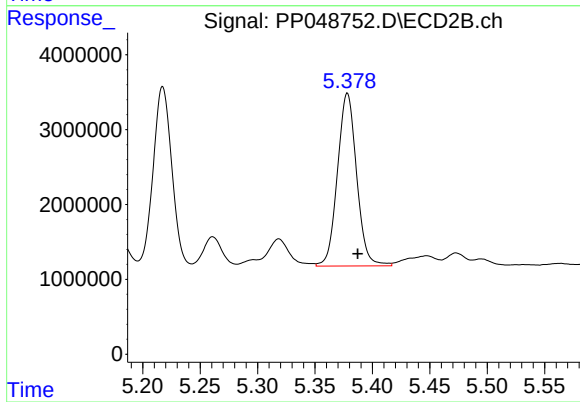
R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 27220174
Conc: 269.27 ng/ml



#27 AR-1254-2

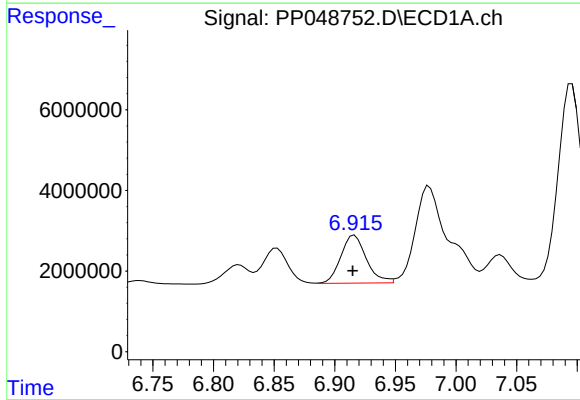
R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 30974130
Conc: 223.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



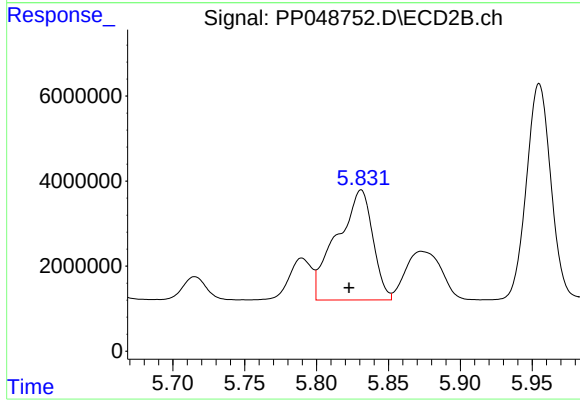
#27 AR-1254-2

R.T.: 5.378 min
Delta R.T.: -0.009 min
Response: 26858388
Conc: 305.03 ng/ml



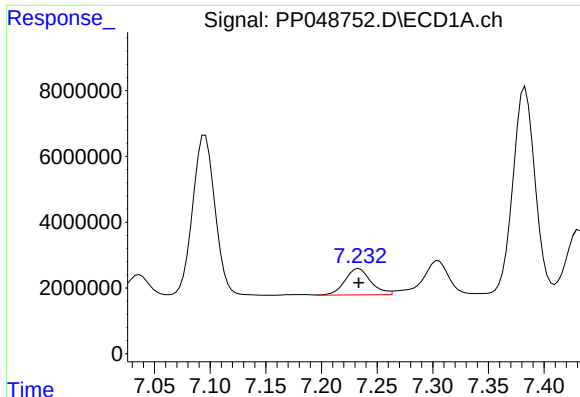
#28 AR-1254-3

R.T.: 6.916 min
Delta R.T.: 0.002 min
Response: 17398530
Conc: 122.37 ng/ml



#28 AR-1254-3

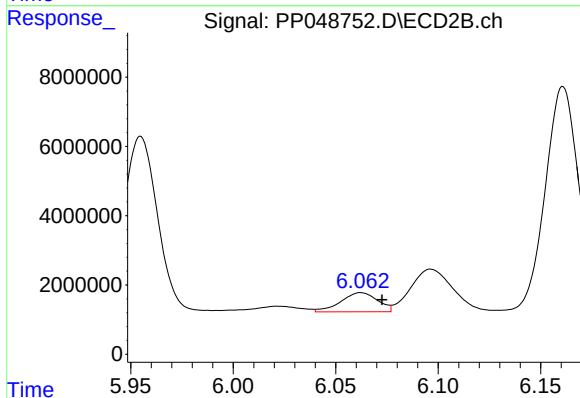
R.T.: 5.831 min
Delta R.T.: 0.008 min
Response: 45122433
Conc: 324.60 ng/ml



#29 AR-1254-4

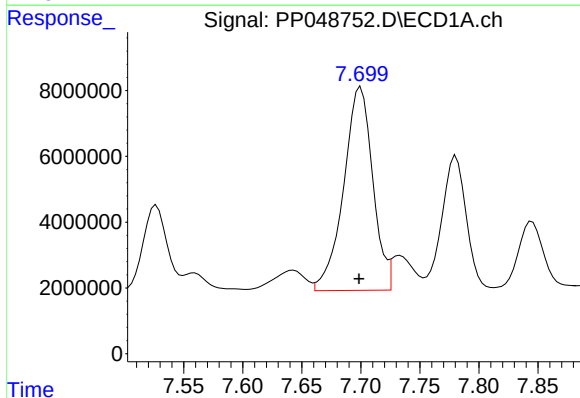
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 12902882
Conc: 121.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



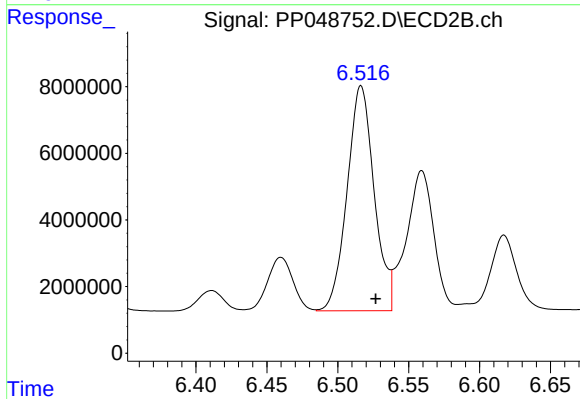
#29 AR-1254-4

R.T.: 6.062 min
Delta R.T.: -0.010 min
Response: 6944623
Conc: 80.08 ng/ml



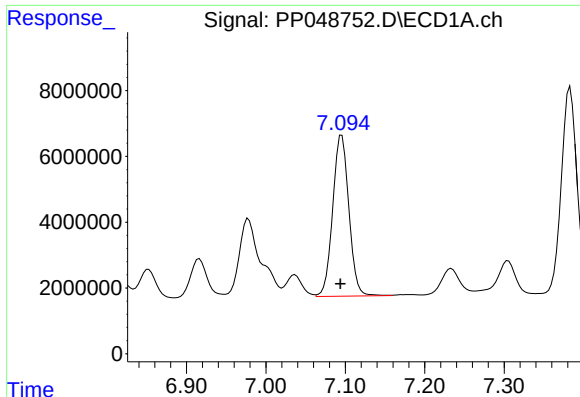
#30 AR-1254-5

R.T.: 7.700 min
Delta R.T.: 0.001 min
Response: 106174715
Conc: 894.39 ng/ml



#30 AR-1254-5

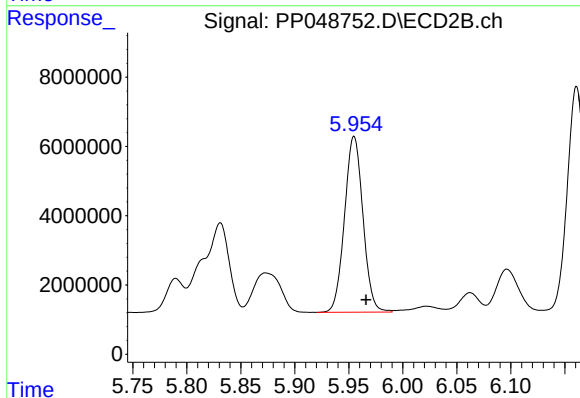
R.T.: 6.516 min
Delta R.T.: -0.010 min
Response: 89850095
Conc: 732.60 ng/ml



#31 AR-1260-1

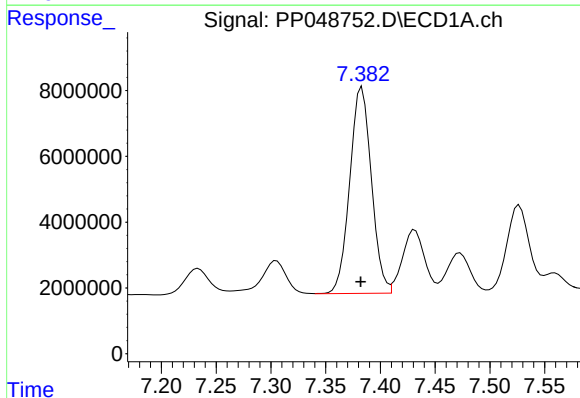
R.T.: 7.095 min
Delta R.T.: 0.002 min
Response: 69156495
Conc: 663.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



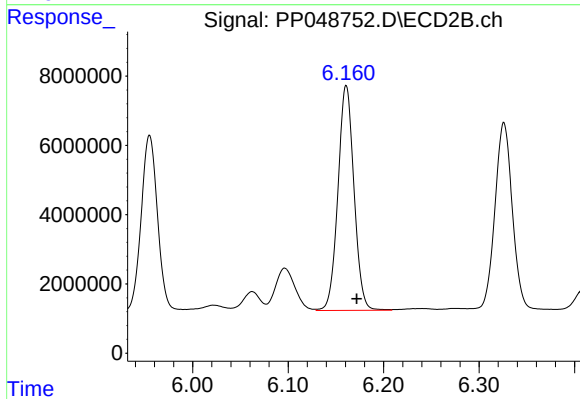
#31 AR-1260-1

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 60350708
Conc: 715.22 ng/ml



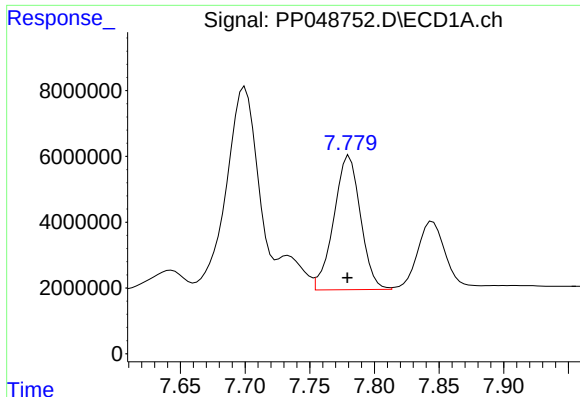
#32 AR-1260-2

R.T.: 7.383 min
Delta R.T.: 0.001 min
Response: 86355611
Conc: 709.19 ng/ml



#32 AR-1260-2

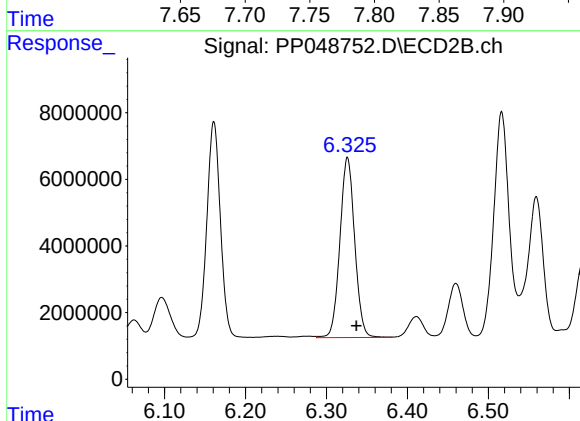
R.T.: 6.161 min
Delta R.T.: -0.011 min
Response: 75939267
Conc: 741.38 ng/ml



#33 AR-1260-3

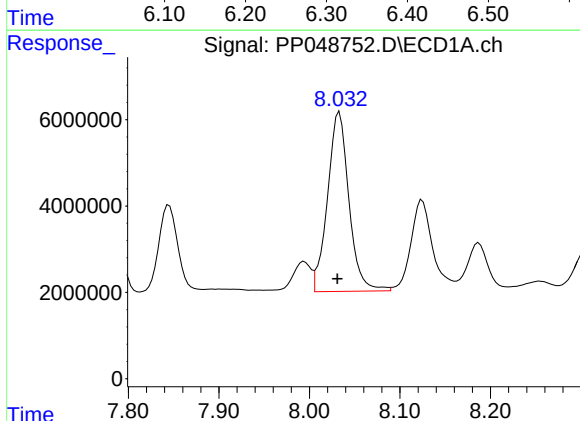
R.T.: 7.781 min
Delta R.T.: 0.002 min
Response: 58542317
Conc: 691.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



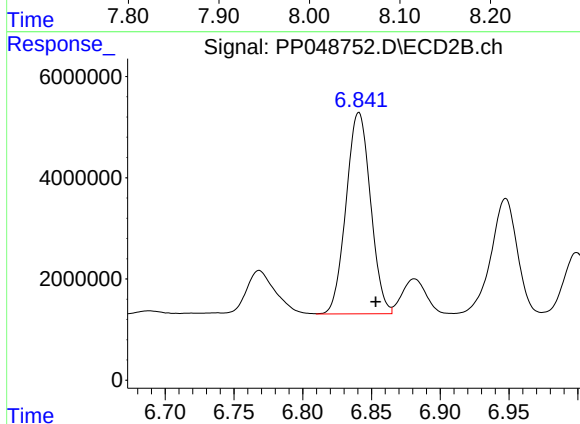
#33 AR-1260-3

R.T.: 6.326 min
Delta R.T.: -0.011 min
Response: 68529619
Conc: 707.13 ng/ml



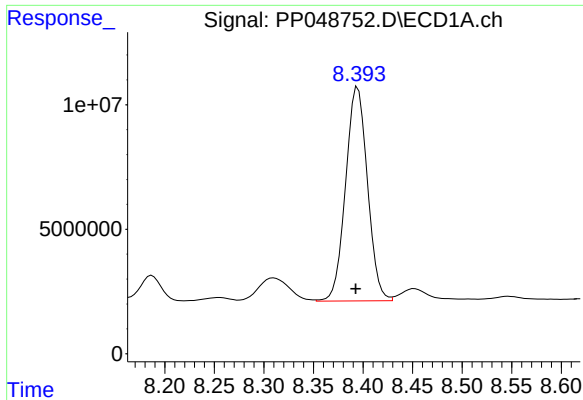
#34 AR-1260-4

R.T.: 8.033 min
Delta R.T.: 0.002 min
Response: 68454505
Conc: 661.64 ng/ml



#34 AR-1260-4

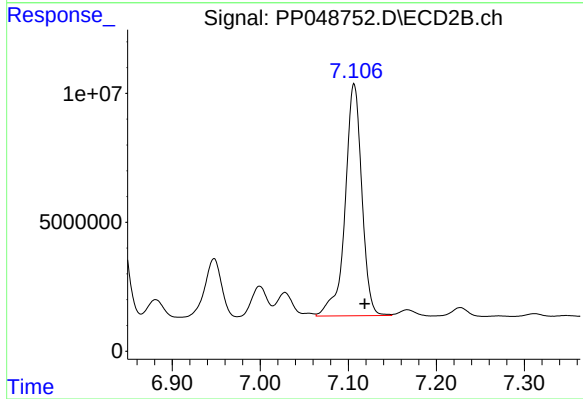
R.T.: 6.841 min
Delta R.T.: -0.012 min
Response: 49264793
Conc: 696.05 ng/ml



#35 AR-1260-5

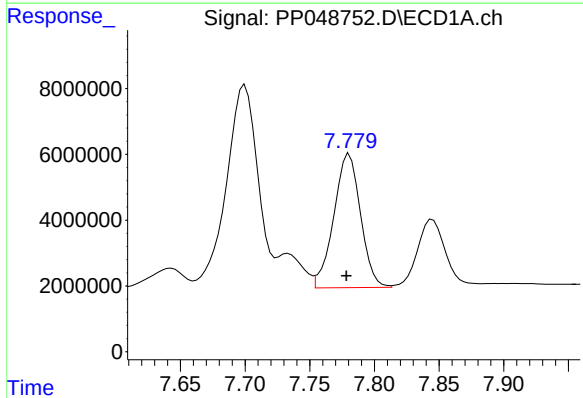
R.T.: 8.395 min
Delta R.T.: 0.002 min
Response: 132025358
Conc: 674.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



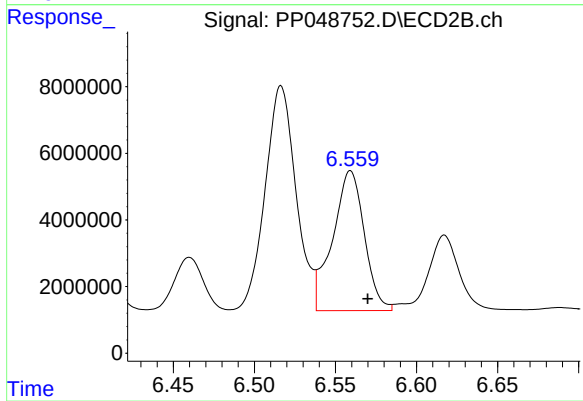
#35 AR-1260-5

R.T.: 7.107 min
Delta R.T.: -0.012 min
Response: 118513851
Conc: 737.98 ng/ml



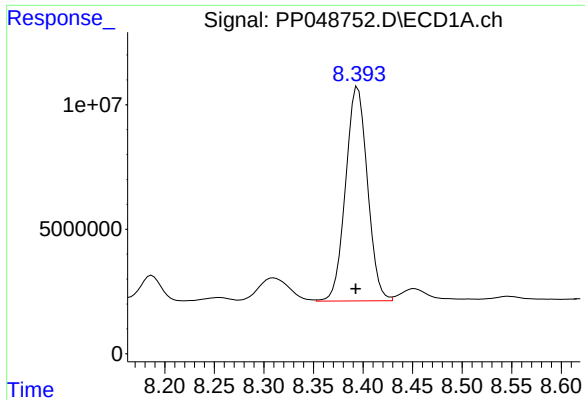
#36 AR-1262-1

R.T.: 7.781 min
Delta R.T.: 0.002 min
Response: 58542317
Conc: 434.89 ng/ml



#36 AR-1262-1

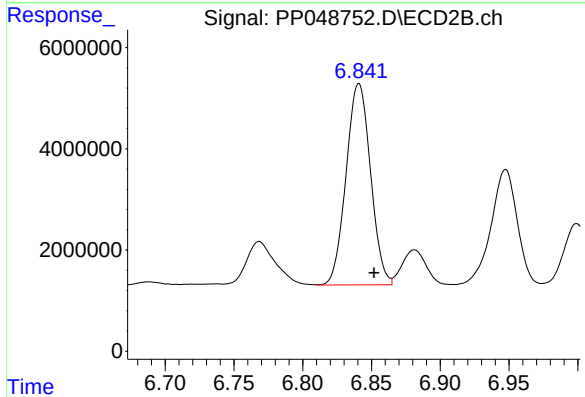
R.T.: 6.559 min
Delta R.T.: -0.011 min
Response: 57195271
Conc: 507.29 ng/ml



#37 AR-1262-2

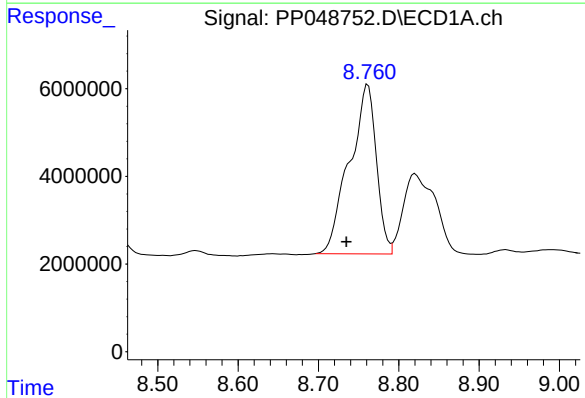
R.T.: 8.395 min
Delta R.T.: 0.002 min
Response: 132025358
Conc: 563.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



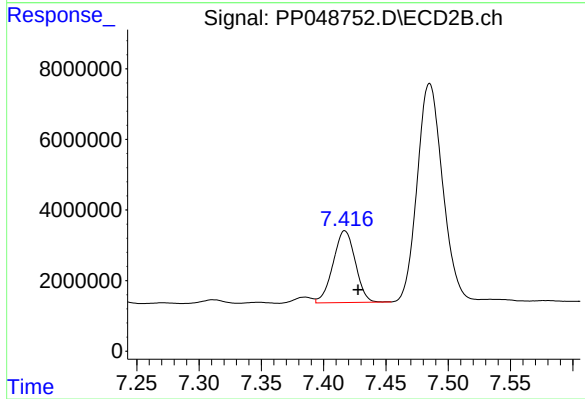
#37 AR-1262-2

R.T.: 6.841 min
Delta R.T.: -0.011 min
Response: 49264793
Conc: 491.68 ng/ml



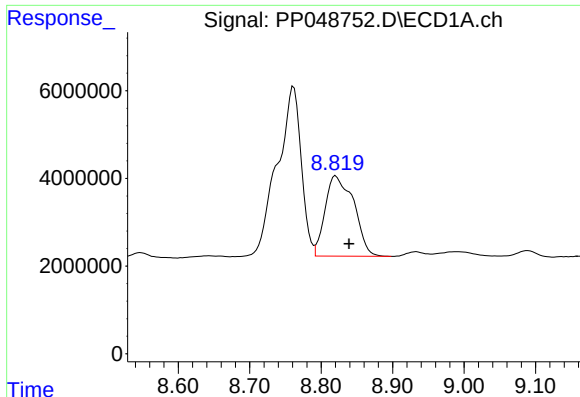
#38 AR-1262-3

R.T.: 8.762 min
Delta R.T.: 0.027 min
Response: 90042609
Conc: 918.34 ng/ml



#38 AR-1262-3

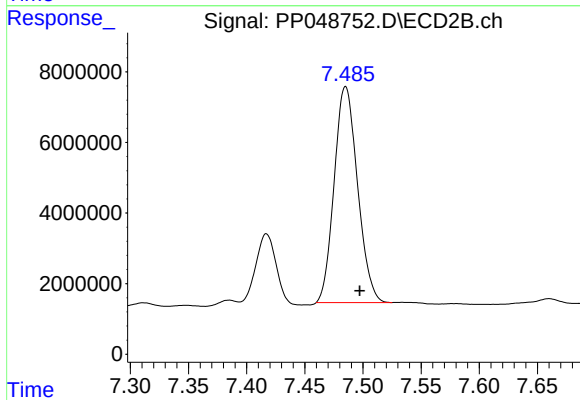
R.T.: 7.417 min
Delta R.T.: -0.011 min
Response: 25177068
Conc: 335.18 ng/ml



#39 AR-1262-4

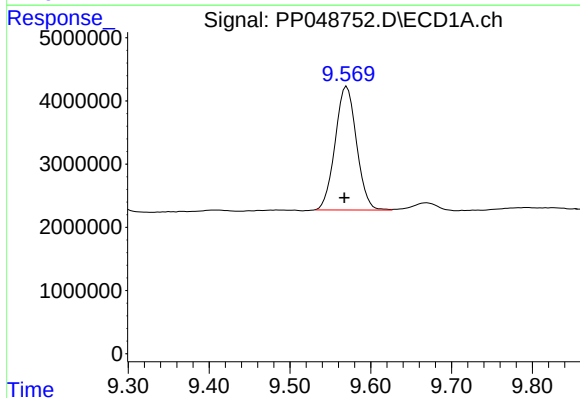
R.T.: 8.820 min
Delta R.T.: -0.018 min
Response: 51203973
Conc: 817.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



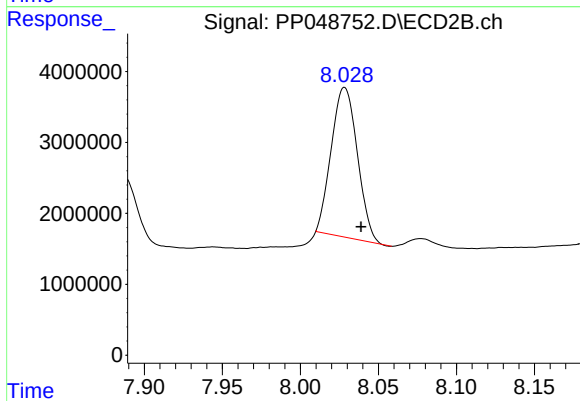
#39 AR-1262-4

R.T.: 7.485 min
Delta R.T.: -0.012 min
Response: 85504040
Conc: 614.01 ng/ml



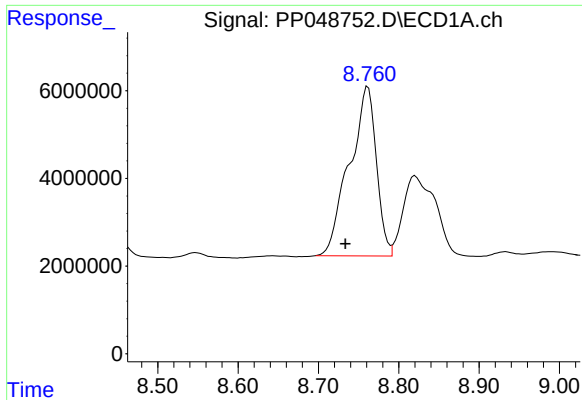
#40 AR-1262-5

R.T.: 9.570 min
Delta R.T.: 0.003 min
Response: 35914674
Conc: 431.36 ng/ml



#40 AR-1262-5

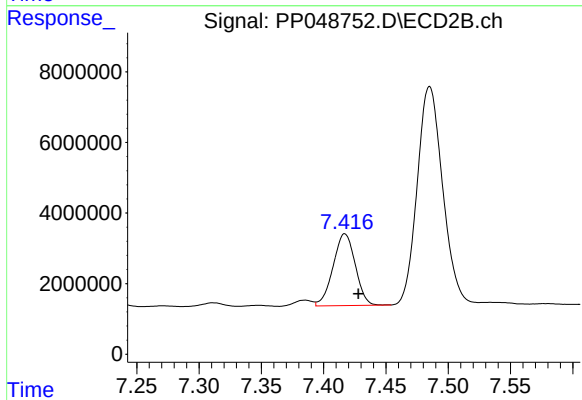
R.T.: 8.028 min
Delta R.T.: -0.011 min
Response: 24584765
Conc: 387.73 ng/ml



#41 AR-1268-1

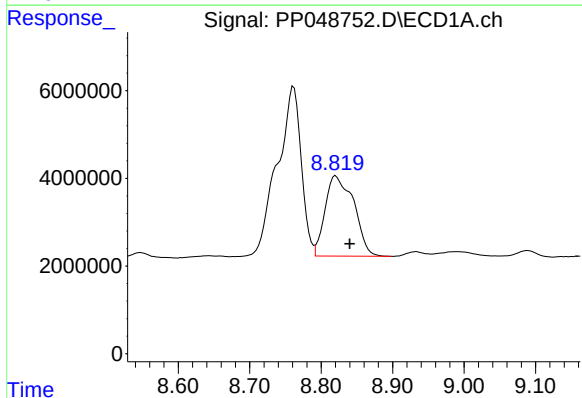
R.T.: 8.762 min
Delta R.T.: 0.028 min
Response: 90042609
Conc: 323.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



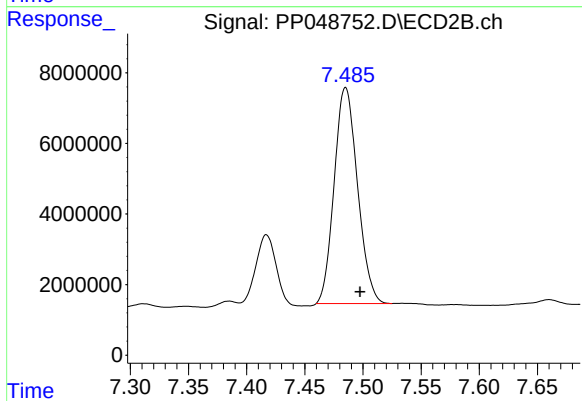
#41 AR-1268-1

R.T.: 7.417 min
Delta R.T.: -0.011 min
Response: 25177068
Conc: 119.04 ng/ml



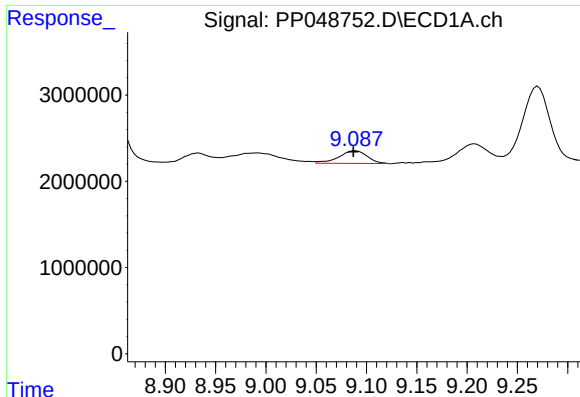
#42 AR-1268-2

R.T.: 8.820 min
Delta R.T.: -0.020 min
Response: 51203973
Conc: 197.61 ng/ml



#42 AR-1268-2

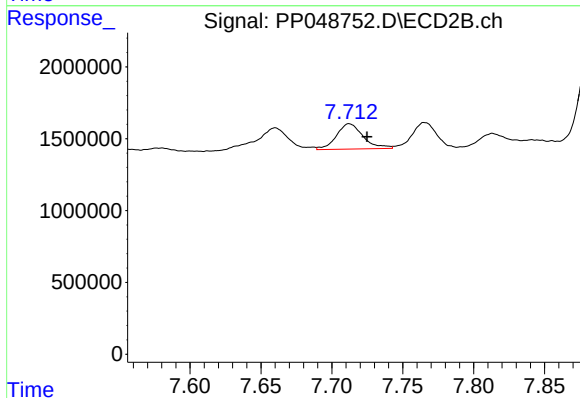
R.T.: 7.485 min
Delta R.T.: -0.012 min
Response: 85504040
Conc: 444.64 ng/ml



#43 AR-1268-3

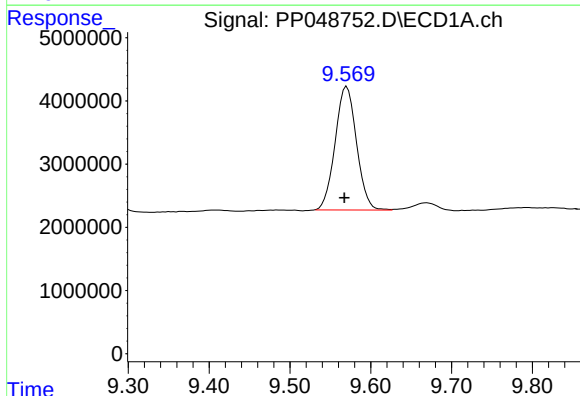
R.T.: 9.089 min
Delta R.T.: 0.002 min
Response: 2881733
Conc: 12.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



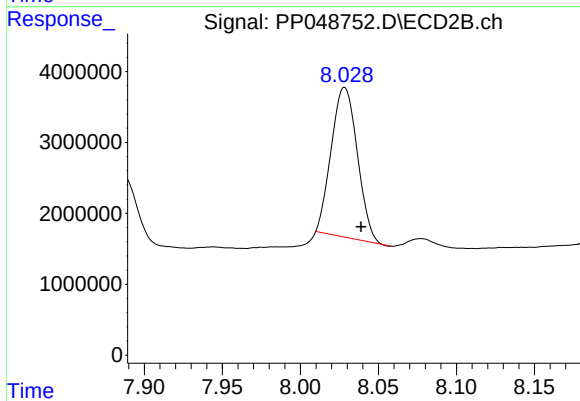
#43 AR-1268-3

R.T.: 7.712 min
Delta R.T.: -0.012 min
Response: 2320064
Conc: 14.42 ng/ml



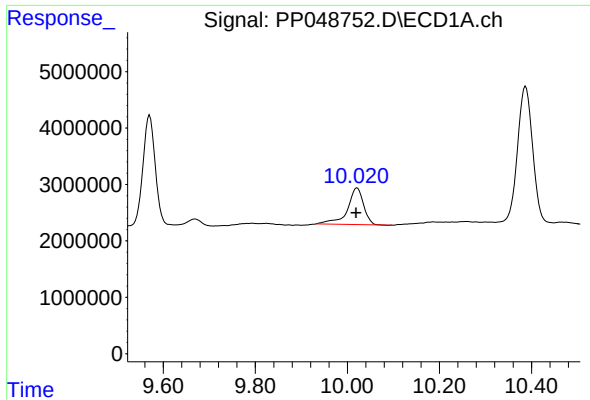
#44 AR-1268-4

R.T.: 9.570 min
Delta R.T.: 0.003 min
Response: 35914674
Conc: 376.41 ng/ml



#44 AR-1268-4

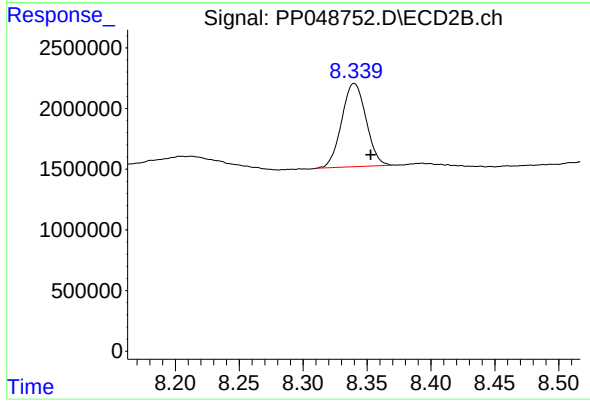
R.T.: 8.028 min
Delta R.T.: -0.010 min
Response: 24584765
Conc: 340.78 ng/ml



#45 AR-1268-5

R.T.: 10.021 min
Delta R.T.: 0.003 min
Response: 15803541
Conc: 21.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.340 min
Delta R.T.: -0.013 min
Response: 9123887
Conc: 19.58 ng/ml