

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080922\
 Data File : P0088753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 09:39
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 02:55:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 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...	4.436	3.594	133.6E6	48934311	49.537	45.213
2)	SA Decachlor...	10.274	8.586	92006093	55061621	47.679	45.434
Target Compounds							
3)	L1 AR-1016-1	5.612	4.671	41713277	18347068	517.439	492.277
4)	L1 AR-1016-2	5.635	4.690	58154404	26180116	504.196	502.144
5)	L1 AR-1016-3	5.697	4.865	37200503	14830877	514.781	506.908
6)	L1 AR-1016-4	5.797	4.907	29659370	12216488	517.304	506.437
7)	L1 AR-1016-5	6.093	5.119	29374870	16069614	512.099	492.703
8)	L2 AR-1221-1	4.638	3.804	4809917	1879170	155.174	157.030
9)	L2 AR-1221-2	4.732	3.891	6803831	2598912	294.284	287.742
10)	L2 AR-1221-3	4.809	3.965	24821731	9567856	353.706	336.685
11)	L3 AR-1232-1	4.809	3.965	24821731	9567856	446.848	422.558
12)	L3 AR-1232-2	5.147	4.690	33008759	26180116	1190.547	1133.900
13)	L3 AR-1232-3	5.635	4.865	58154404	14830877	1140.006	1206.833
14)	L3 AR-1232-4	5.797	4.948	29659370	15240947	1185.856	1293.101
15)	L3 AR-1232-5	5.888	5.119	26345024	16069614	1280.076	1194.405
16)	L4 AR-1242-1	5.612	4.671	41713277	18347068	620.641	598.399
17)	L4 AR-1242-2	5.635	4.690	58154404	26180116	602.595	607.626
18)	L4 AR-1242-3	5.697	4.865	37200503	14830877	616.345	617.752
19)	L4 AR-1242-4	5.797	4.948	29659370	15240947	615.290	604.488
20)	L4 AR-1242-5	6.539	5.471	8173123	15738017	157.485	494.300 #
21)	L5 AR-1248-1	5.612	4.671	41713277	18347068	808.525	781.364
22)	L5 AR-1248-2	5.888	4.907	26345024	12216488	343.177	340.396
23)	L5 AR-1248-3	6.093	4.948	29374870	15240947	355.631	400.277
24)	L5 AR-1248-4	6.499	5.119	9542497	16069614	106.255	349.929 #
25)	L5 AR-1248-5	6.539	5.512	8173123	3440161	92.204	78.793
26)	L6 AR-1254-1	6.473	5.471	25453478	15738017	278.646	228.503
27)	L6 AR-1254-2	6.692	5.619	21744067	11211100	159.002	189.312
28)	L6 AR-1254-3	7.061	6.036	10005586	21063541	71.100	226.518 #
29)	L6 AR-1254-4	7.347	6.251	6136484	1498730	60.730	26.456 #
30)	L6 AR-1254-5	7.768	6.667	65320662	41138735	613.401	503.984
31)	L7 AR-1260-1	7.226	6.151	51117545	31460086	494.623	495.013
32)	L7 AR-1260-2	7.484	6.340	58217631	37813087	492.538	493.471
33)	L7 AR-1260-3	7.845	6.492	43711793	35203293	497.622	490.015
34)	L7 AR-1260-4	8.071	6.964	47936659	30284424	489.444	496.297
35)	L7 AR-1260-5	8.399	7.206	88277525	70262544	479.255	498.167
36)	L8 AR-1262-1	7.845	6.758	43711793	15954811	344.963	455.657 #
37)	L8 AR-1262-2	8.399	7.206	88277525	70262544	420.459	458.684
38)	L8 AR-1262-3	8.733	7.489	58813947	16232331	652.353	263.179 #
39)	L8 AR-1262-4	8.813	7.553	13969221	51777068	211.914	454.651 #
40)	L8 AR-1262-5	9.491	8.047	27413982	18921797	341.895	352.439
41)	L9 AR-1268-1	8.733	7.489	58813947	16232331	237.137	91.671 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080922\
 Data File : P0088753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 09:39
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

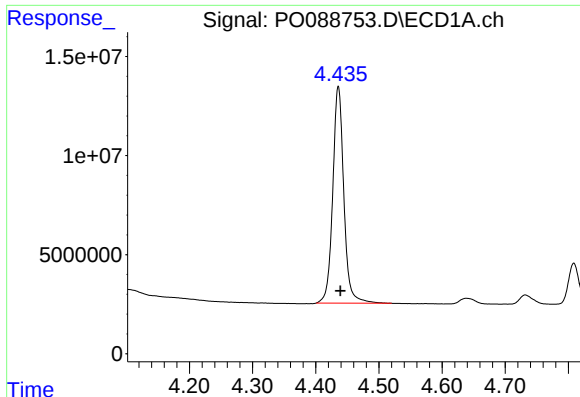
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 02:55:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 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
42) L9	AR-1268-2	8.813	7.553	13969221	51777068	61.407	322.507 #
43) L9	AR-1268-3	9.049	7.760	1241217	1381702	6.334	10.016 #
44) L9	AR-1268-4	9.491	8.047	27413982	18921797	314.832	326.918
45) L9	AR-1268-5	9.920	8.335	7407273	4984591	11.838	12.221

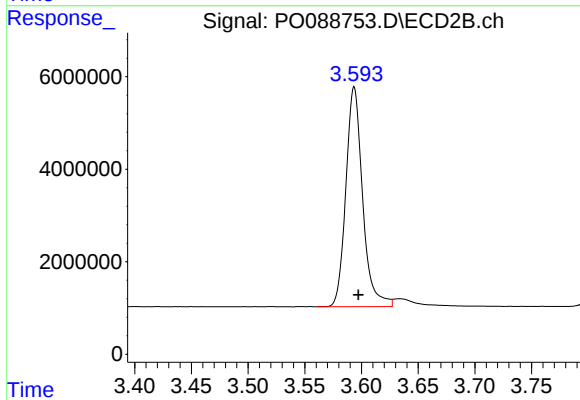
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

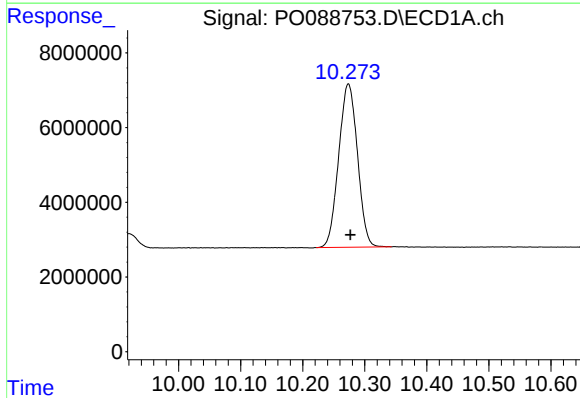
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 133618140
Conc: 49.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



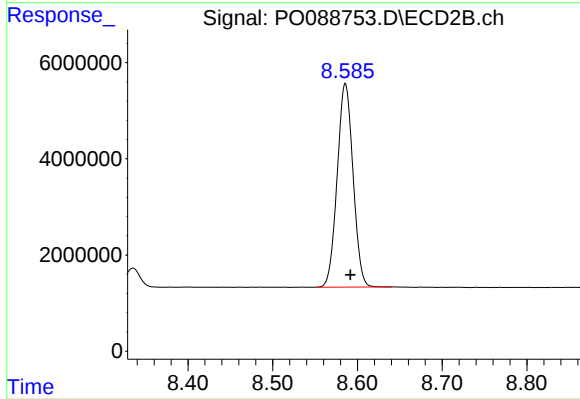
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.004 min
Response: 48934311
Conc: 45.21 ng/ml



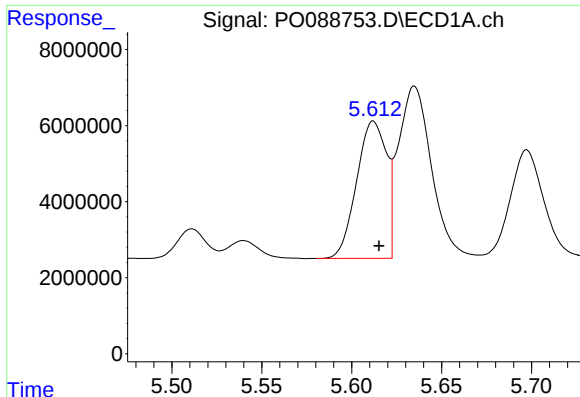
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: -0.003 min
Response: 92006093
Conc: 47.68 ng/ml



#2 Decachlorobiphenyl

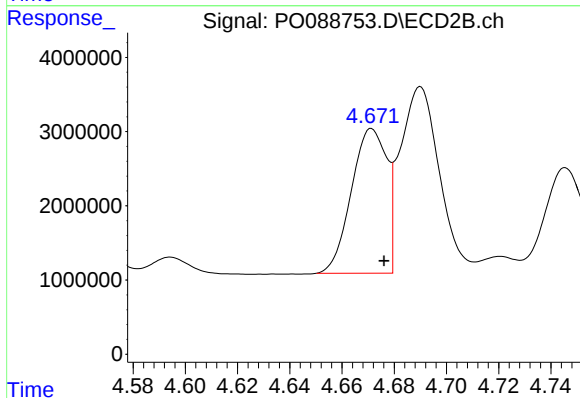
R.T.: 8.586 min
Delta R.T.: -0.006 min
Response: 55061621
Conc: 45.43 ng/ml



#3 AR-1016-1

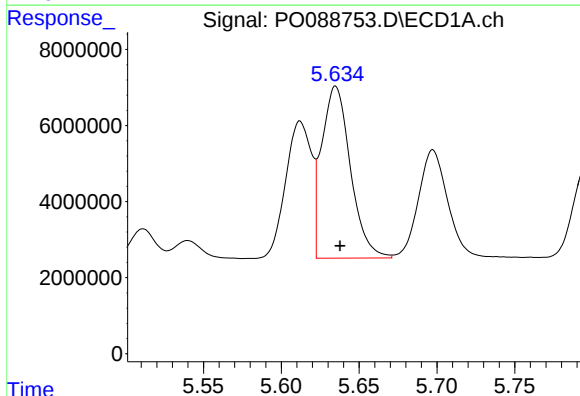
R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 41713277
Conc: 517.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



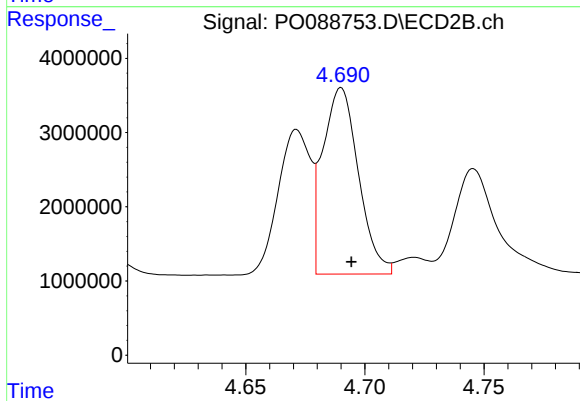
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 18347068
Conc: 492.28 ng/ml



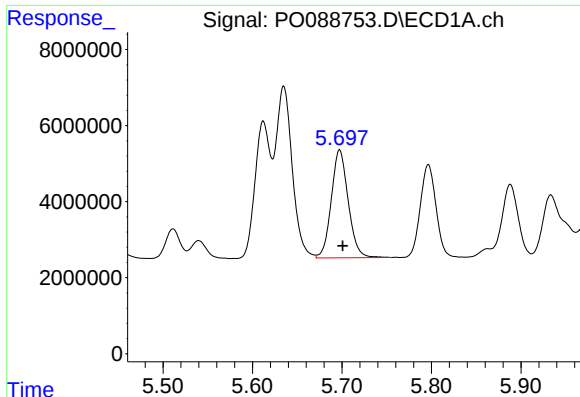
#4 AR-1016-2

R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 58154404
Conc: 504.20 ng/ml



#4 AR-1016-2

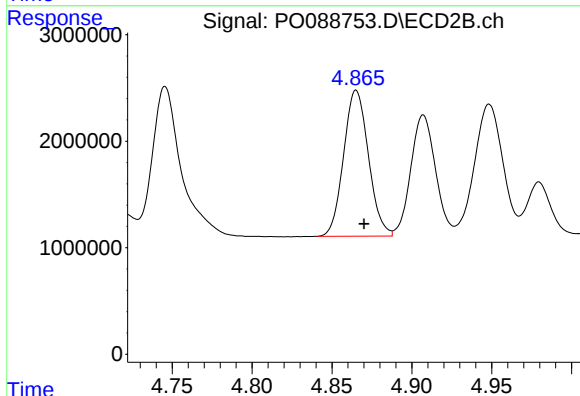
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 26180116
Conc: 502.14 ng/ml



#5 AR-1016-3

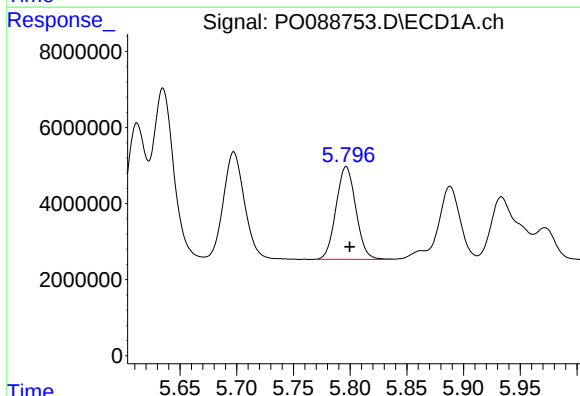
R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 37200503
Conc: 514.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



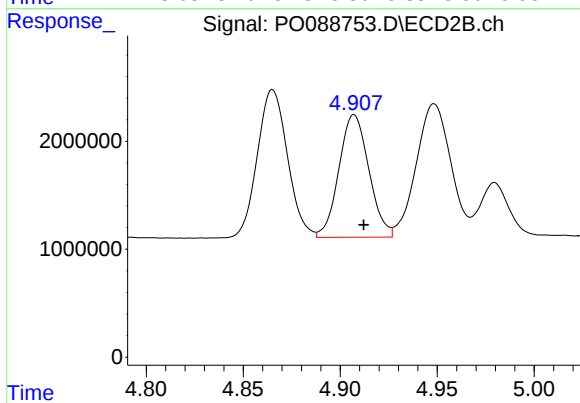
#5 AR-1016-3

R.T.: 4.865 min
Delta R.T.: -0.005 min
Response: 14830877
Conc: 506.91 ng/ml



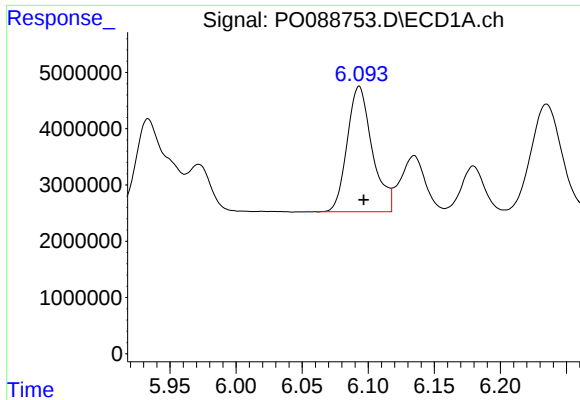
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 29659370
Conc: 517.30 ng/ml



#6 AR-1016-4

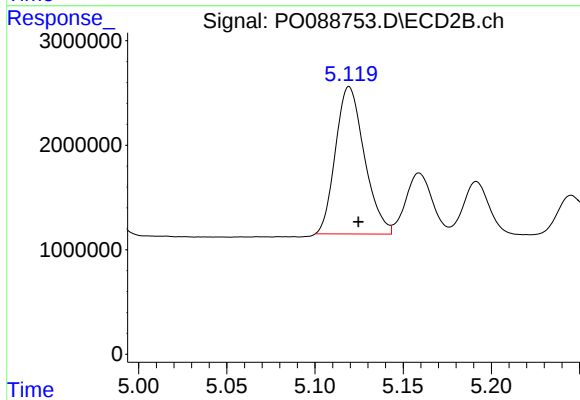
R.T.: 4.907 min
Delta R.T.: -0.005 min
Response: 12216488
Conc: 506.44 ng/ml



#7 AR-1016-5

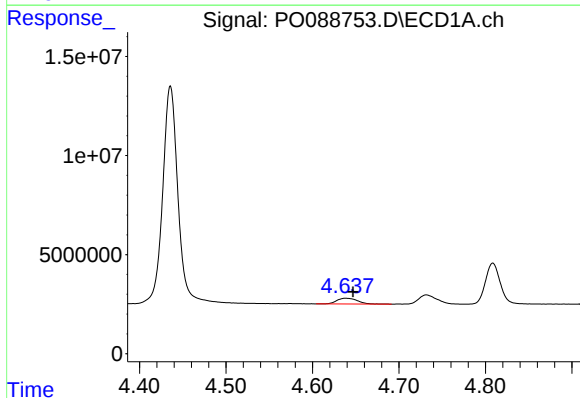
R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 29374870
Conc: 512.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



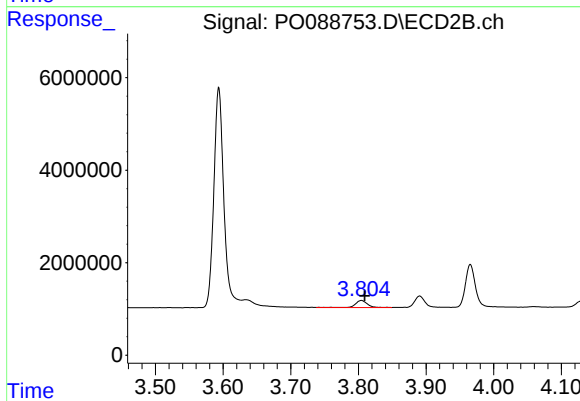
#7 AR-1016-5

R.T.: 5.119 min
Delta R.T.: -0.005 min
Response: 16069614
Conc: 492.70 ng/ml



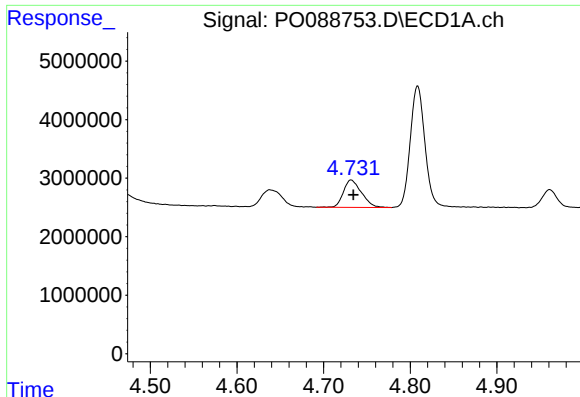
#8 AR-1221-1

R.T.: 4.638 min
Delta R.T.: -0.009 min
Response: 4809917
Conc: 155.17 ng/ml



#8 AR-1221-1

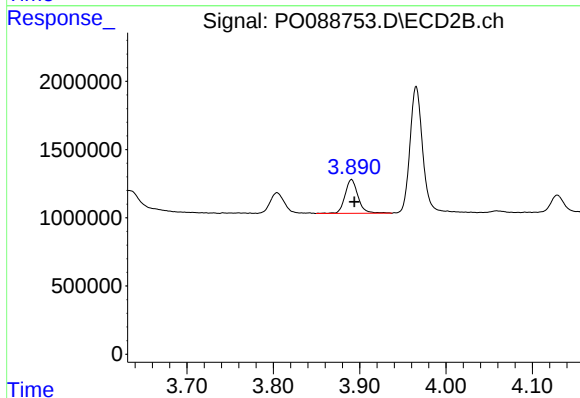
R.T.: 3.804 min
Delta R.T.: -0.005 min
Response: 1879170
Conc: 157.03 ng/ml



#9 AR-1221-2

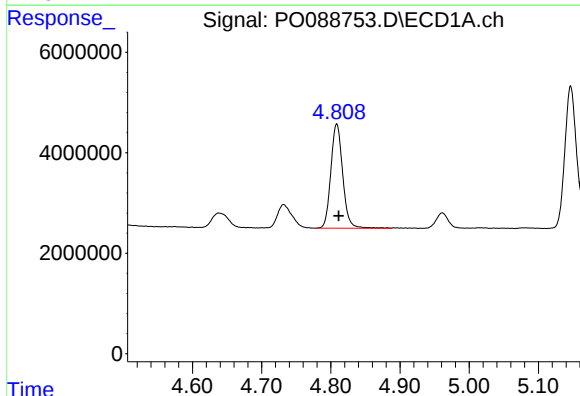
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 6803831
Conc: 294.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



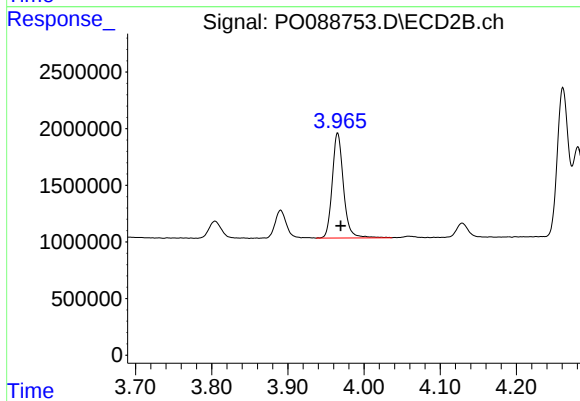
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: -0.003 min
Response: 2598912
Conc: 287.74 ng/ml



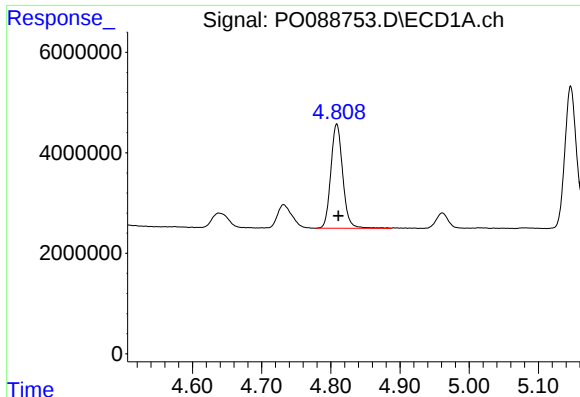
#10 AR-1221-3

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 24821731
Conc: 353.71 ng/ml



#10 AR-1221-3

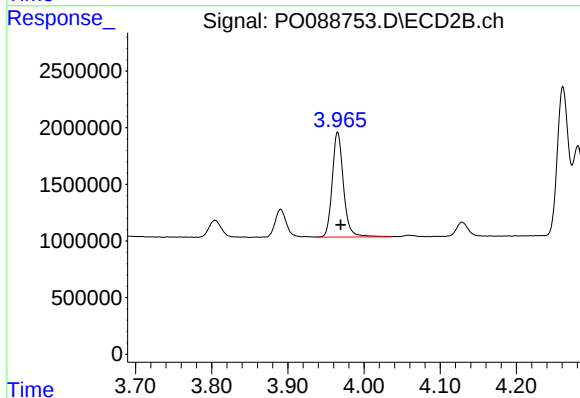
R.T.: 3.965 min
Delta R.T.: -0.004 min
Response: 9567856
Conc: 336.69 ng/ml



#11 AR-1232-1

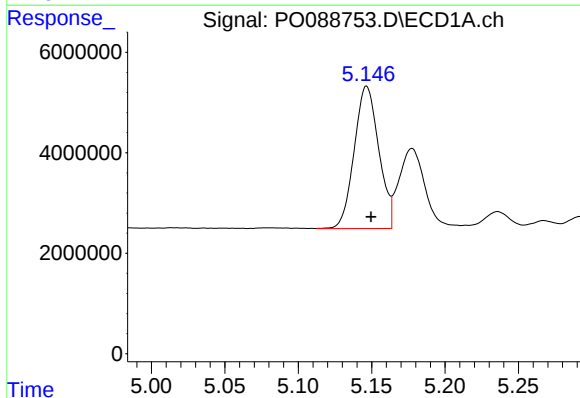
R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 24821731
Conc: 446.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



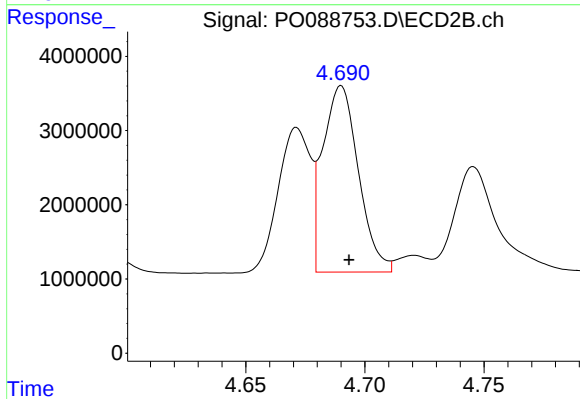
#11 AR-1232-1

R.T.: 3.965 min
Delta R.T.: -0.004 min
Response: 9567856
Conc: 422.56 ng/ml



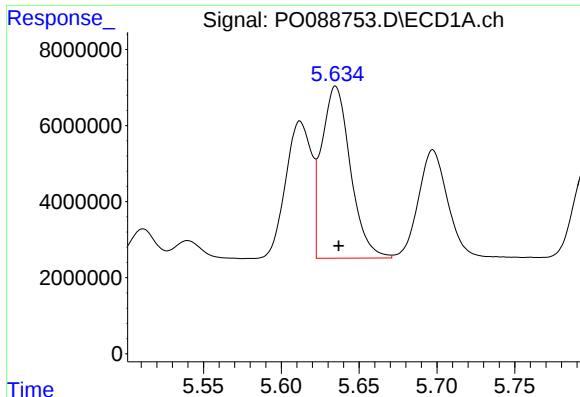
#12 AR-1232-2

R.T.: 5.147 min
Delta R.T.: -0.003 min
Response: 33008759
Conc: 1190.55 ng/ml



#12 AR-1232-2

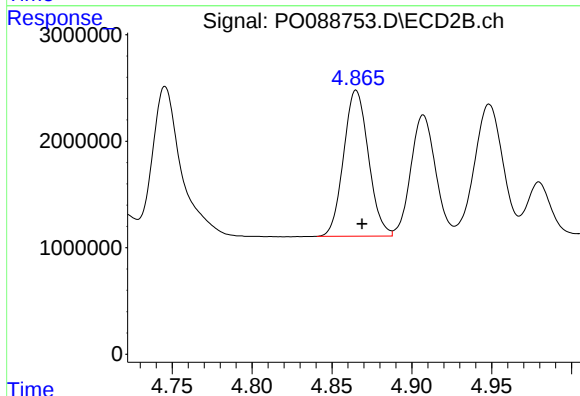
R.T.: 4.690 min
Delta R.T.: -0.003 min
Response: 26180116
Conc: 1133.90 ng/ml



#13 AR-1232-3

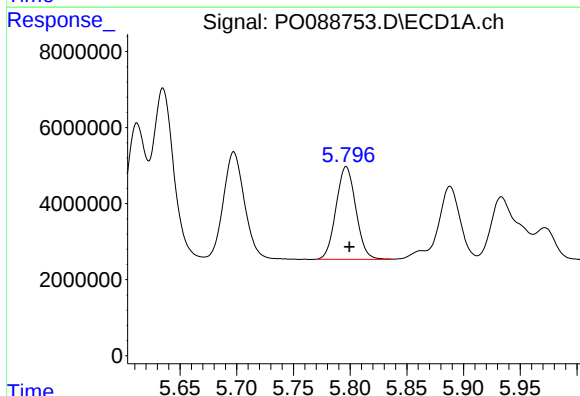
R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 58154404
Conc: 1140.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



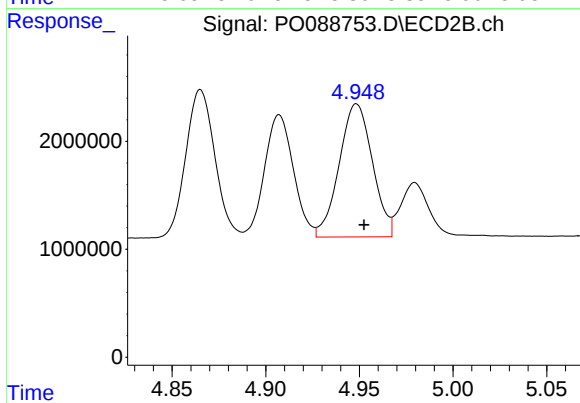
#13 AR-1232-3

R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 14830877
Conc: 1206.83 ng/ml



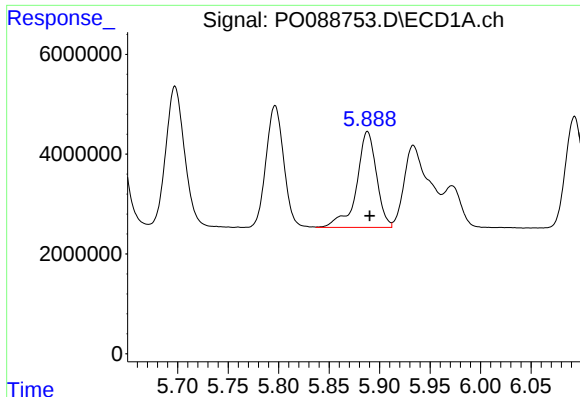
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 29659370
Conc: 1185.86 ng/ml



#14 AR-1232-4

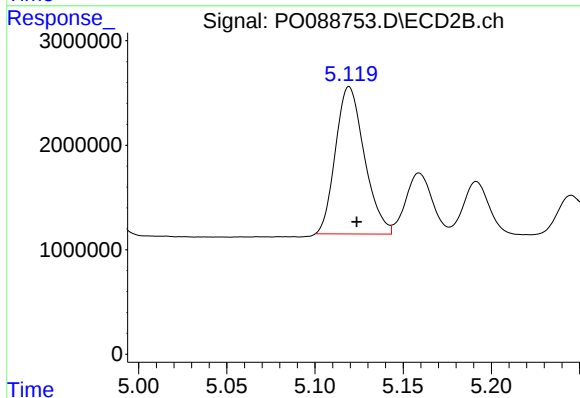
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 15240947
Conc: 1293.10 ng/ml



#15 AR-1232-5

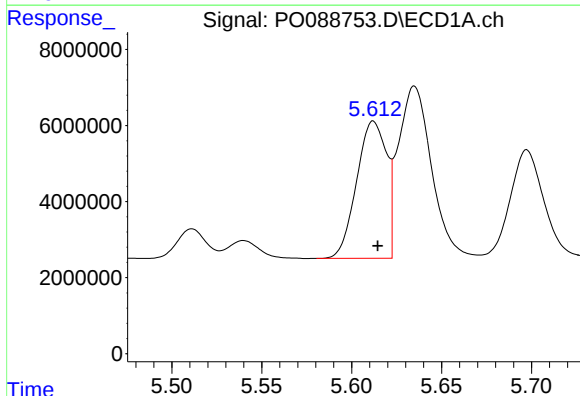
R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 26345024
Conc: 1280.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



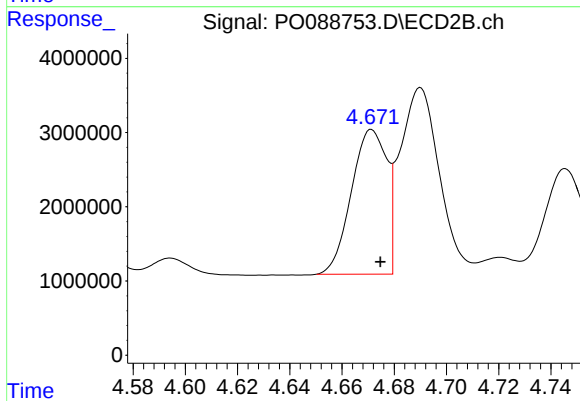
#15 AR-1232-5

R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 16069614
Conc: 1194.40 ng/ml



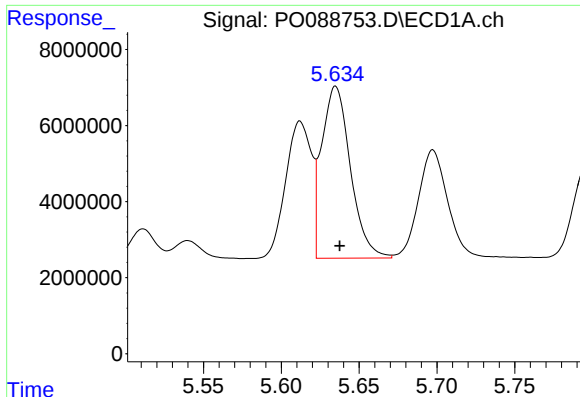
#16 AR-1242-1

R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 41713277
Conc: 620.64 ng/ml



#16 AR-1242-1

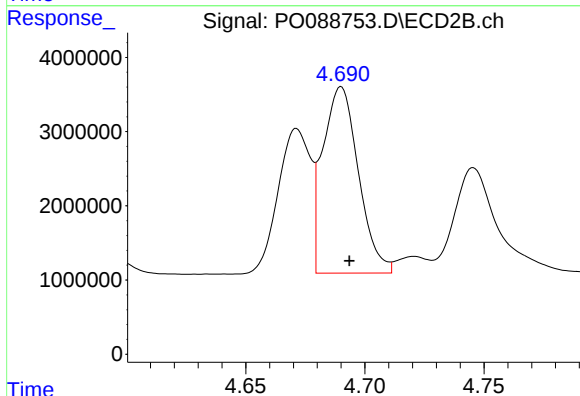
R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 18347068
Conc: 598.40 ng/ml



#17 AR-1242-2

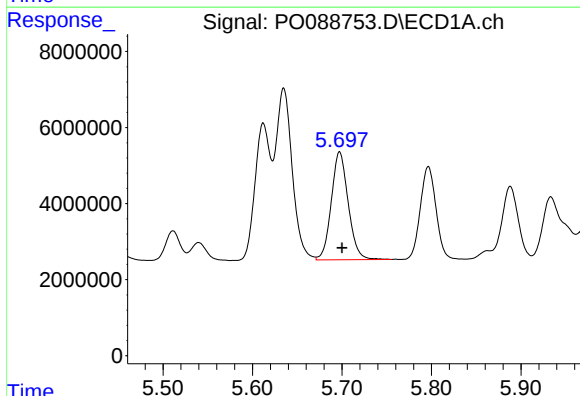
R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 58154404
Conc: 602.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



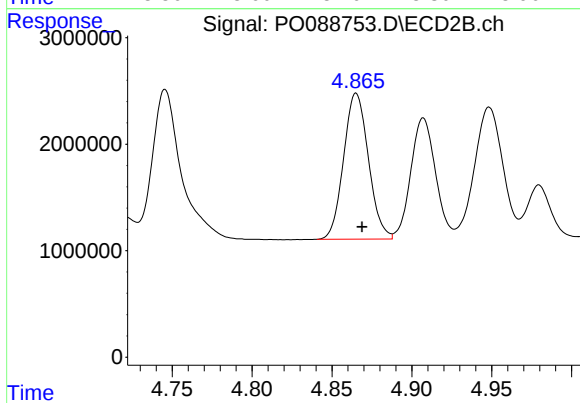
#17 AR-1242-2

R.T.: 4.690 min
Delta R.T.: -0.003 min
Response: 26180116
Conc: 607.63 ng/ml



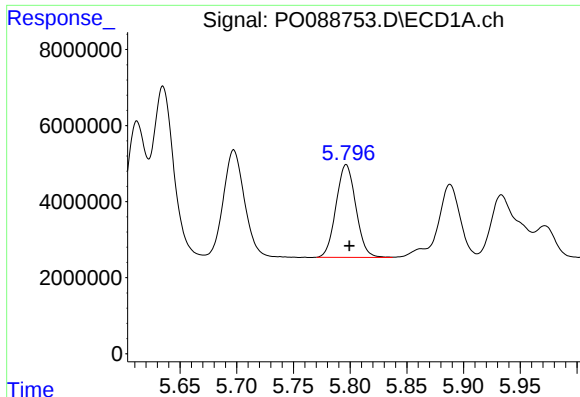
#18 AR-1242-3

R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 37200503
Conc: 616.35 ng/ml



#18 AR-1242-3

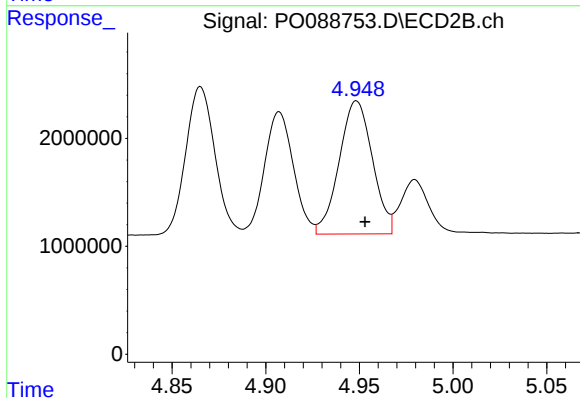
R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 14830877
Conc: 617.75 ng/ml



#19 AR-1242-4

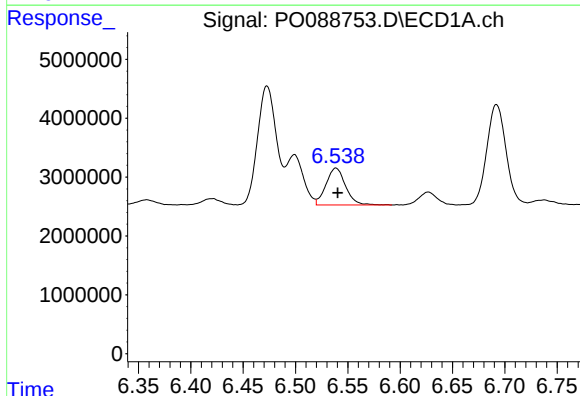
R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 29659370
Conc: 615.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



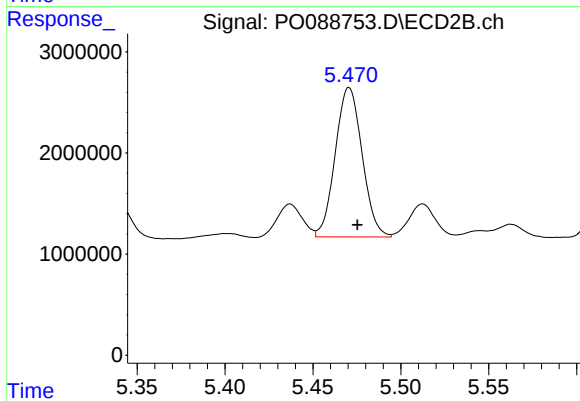
#19 AR-1242-4

R.T.: 4.948 min
Delta R.T.: -0.005 min
Response: 15240947
Conc: 604.49 ng/ml



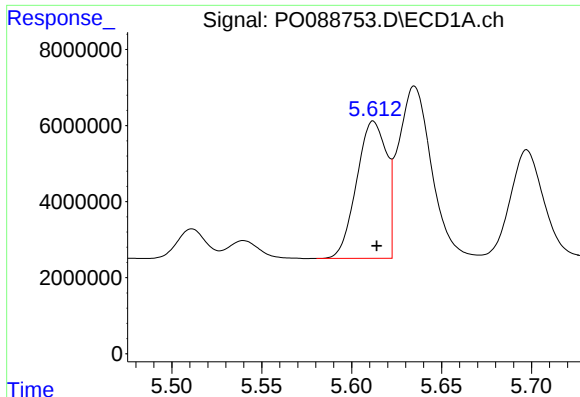
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: -0.002 min
Response: 8173123
Conc: 157.49 ng/ml



#20 AR-1242-5

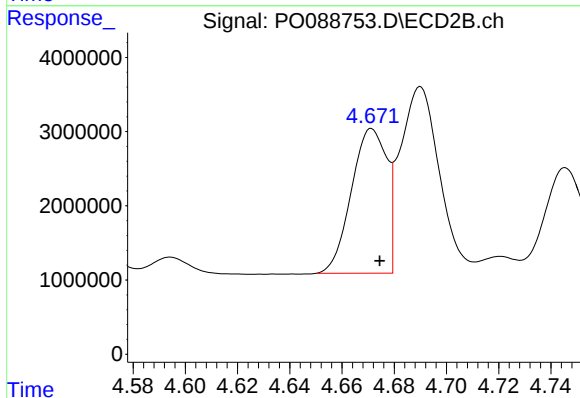
R.T.: 5.471 min
Delta R.T.: -0.005 min
Response: 15738017
Conc: 494.30 ng/ml



#21 AR-1248-1

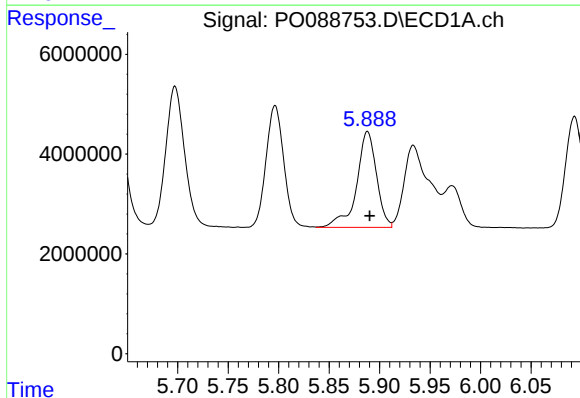
R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 41713277
Conc: 808.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



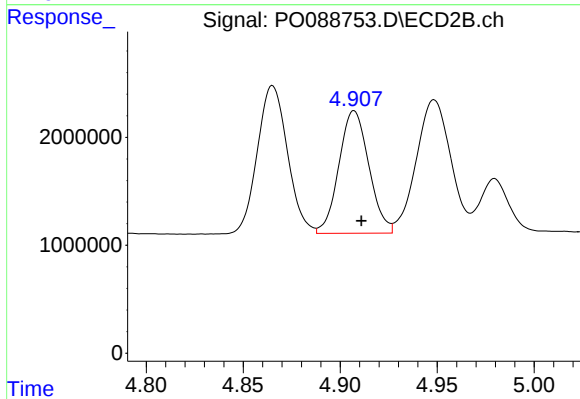
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 18347068
Conc: 781.36 ng/ml



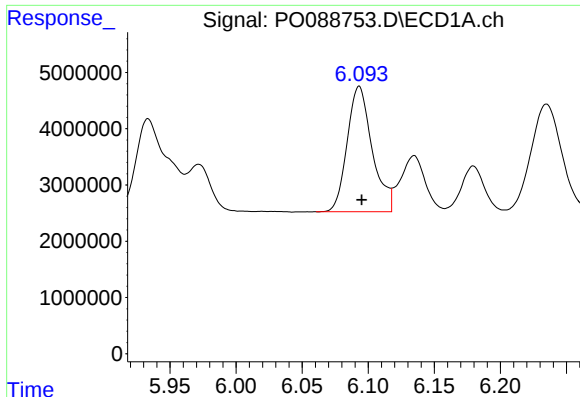
#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 26345024
Conc: 343.18 ng/ml



#22 AR-1248-2

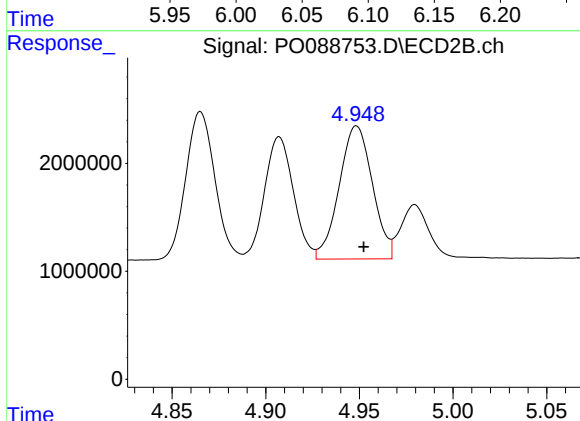
R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 12216488
Conc: 340.40 ng/ml



#23 AR-1248-3

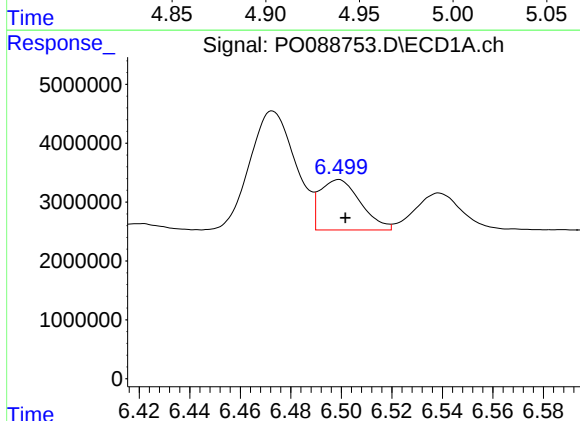
R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 29374870
Conc: 355.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



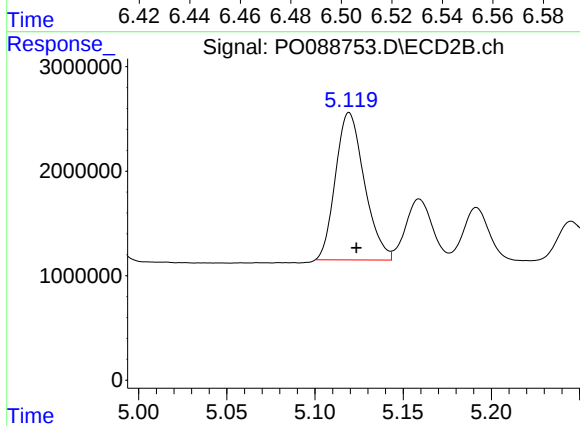
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 15240947
Conc: 400.28 ng/ml



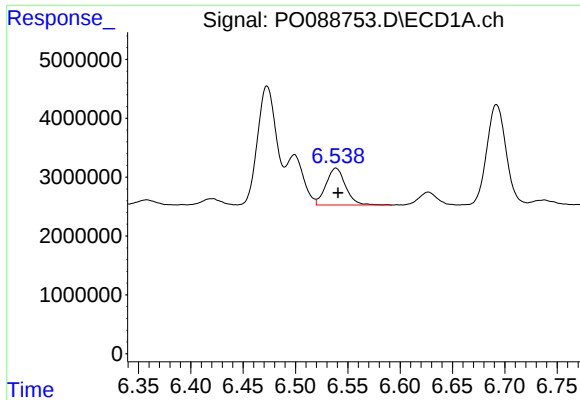
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 9542497
Conc: 106.25 ng/ml



#24 AR-1248-4

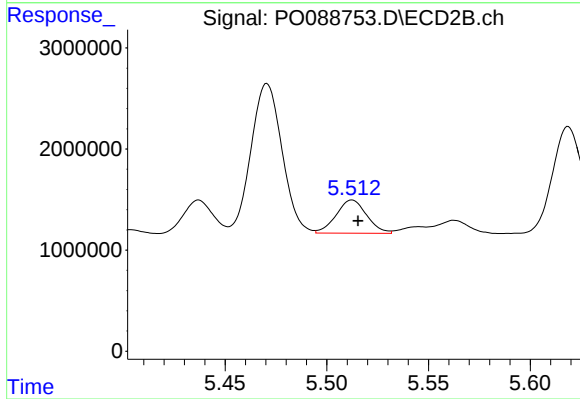
R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 16069614
Conc: 349.93 ng/ml



#25 AR-1248-5

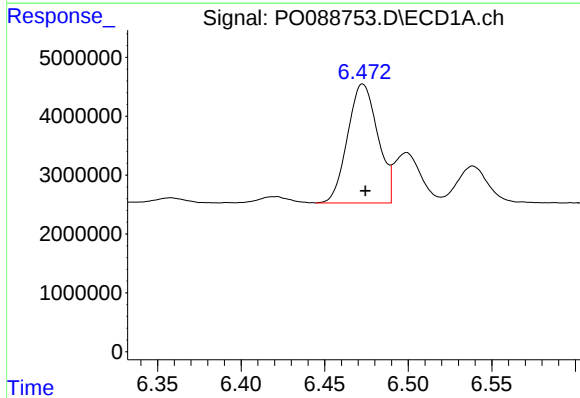
R.T.: 6.539 min
Delta R.T.: -0.002 min
Response: 8173123
Conc: 92.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



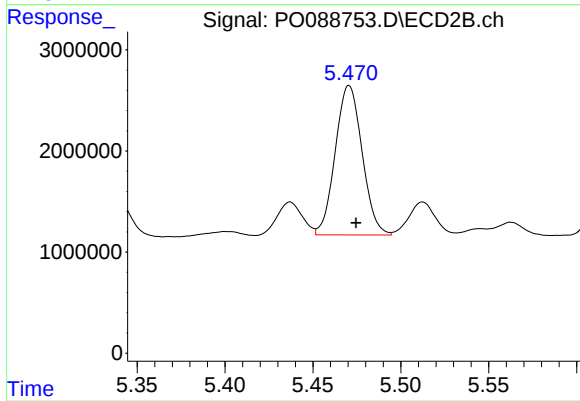
#25 AR-1248-5

R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 3440161
Conc: 78.79 ng/ml



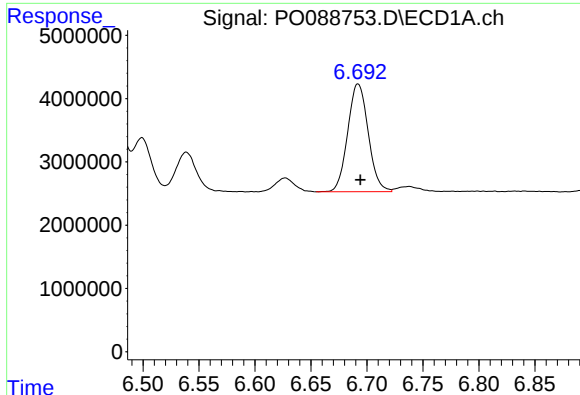
#26 AR-1254-1

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 25453478
Conc: 278.65 ng/ml



#26 AR-1254-1

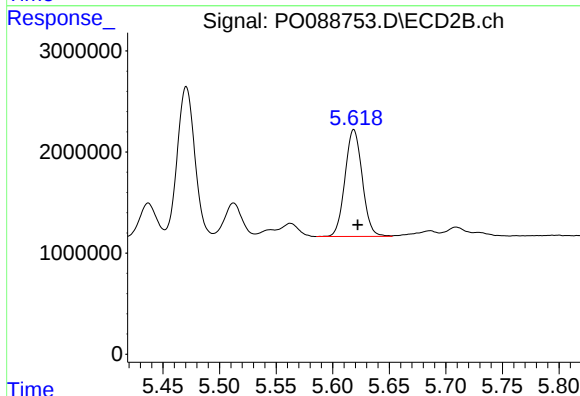
R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 15738017
Conc: 228.50 ng/ml



#27 AR-1254-2

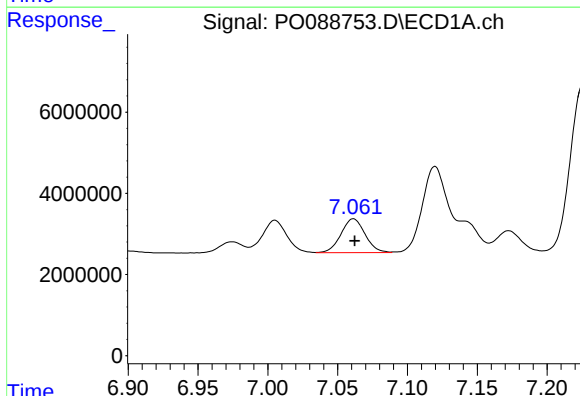
R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 21744067
Conc: 159.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



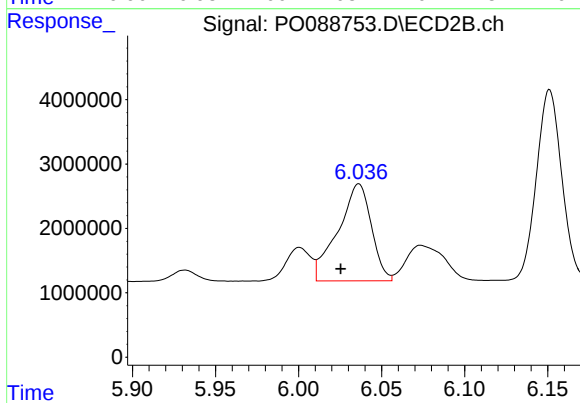
#27 AR-1254-2

R.T.: 5.619 min
Delta R.T.: -0.003 min
Response: 11211100
Conc: 189.31 ng/ml



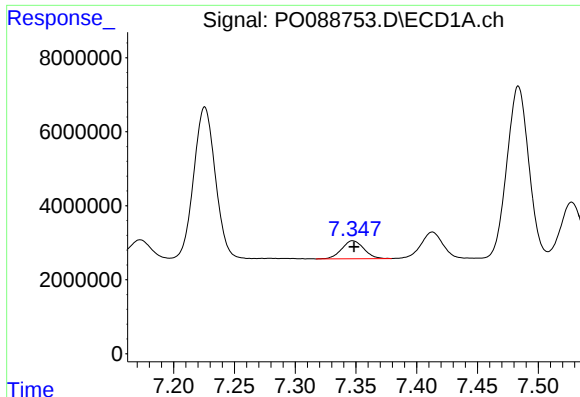
#28 AR-1254-3

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 10005586
Conc: 71.10 ng/ml



#28 AR-1254-3

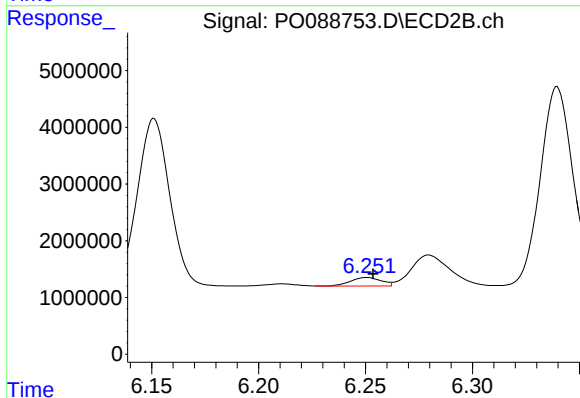
R.T.: 6.036 min
Delta R.T.: 0.011 min
Response: 21063541
Conc: 226.52 ng/ml



#29 AR-1254-4

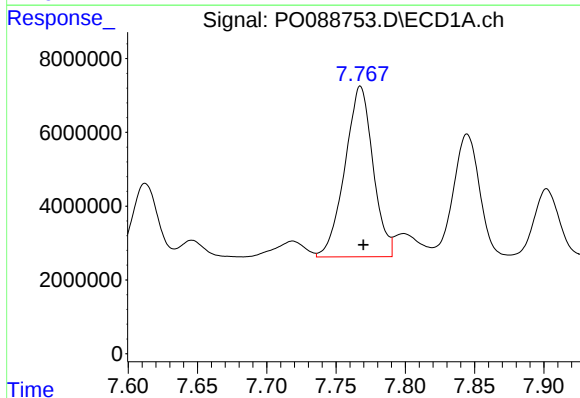
R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 6136484
Conc: 60.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



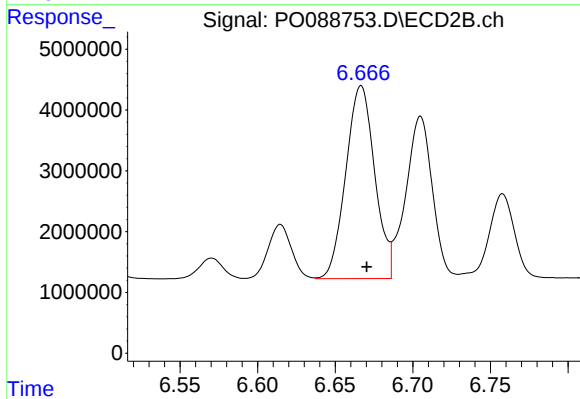
#29 AR-1254-4

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 1498730
Conc: 26.46 ng/ml



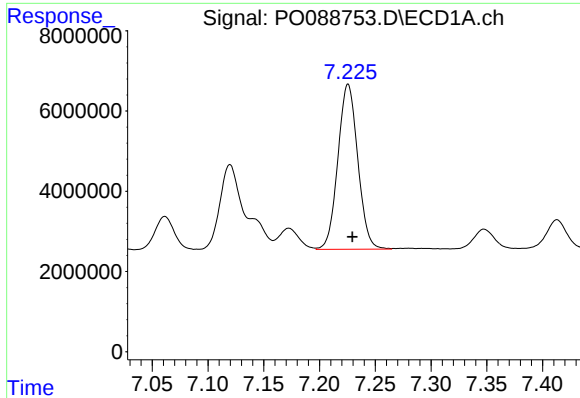
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 65320662
Conc: 613.40 ng/ml



#30 AR-1254-5

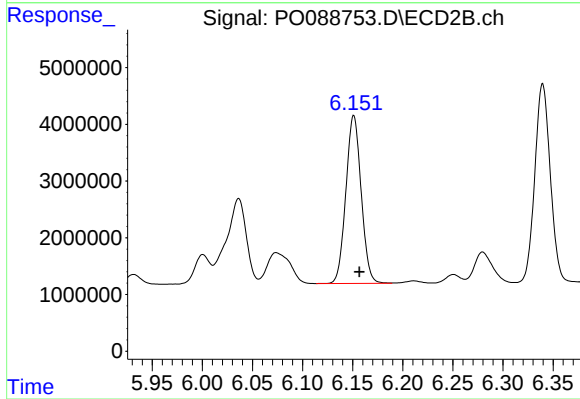
R.T.: 6.667 min
Delta R.T.: -0.004 min
Response: 41138735
Conc: 503.98 ng/ml



#31 AR-1260-1

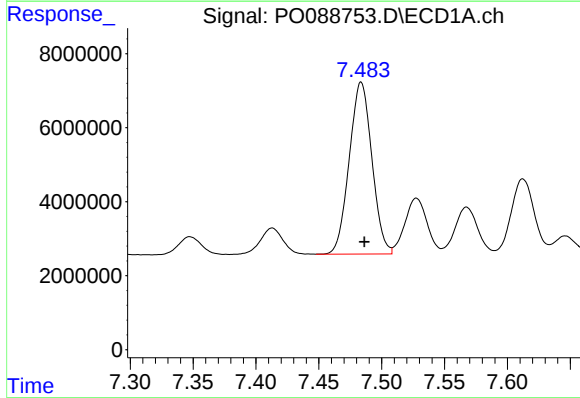
R.T.: 7.226 min
Delta R.T.: -0.004 min
Response: 51117545
Conc: 494.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



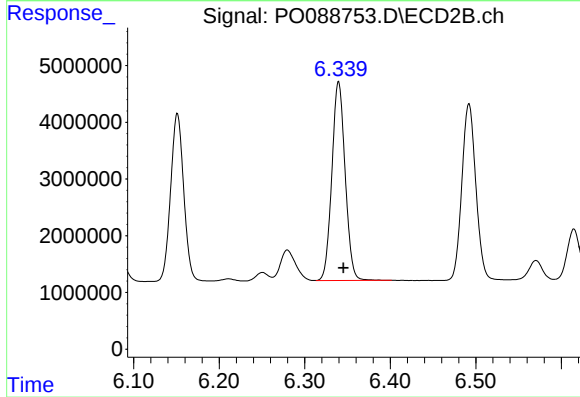
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 31460086
Conc: 495.01 ng/ml



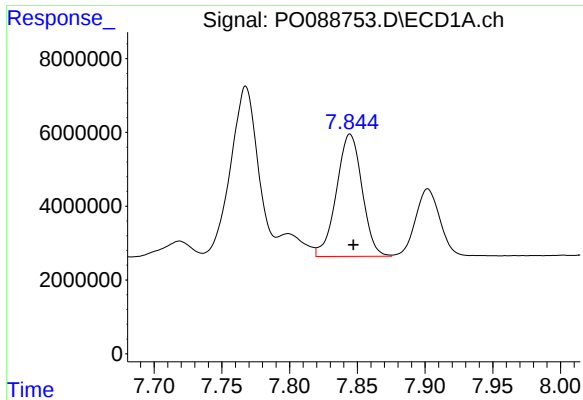
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 58217631
Conc: 492.54 ng/ml



#32 AR-1260-2

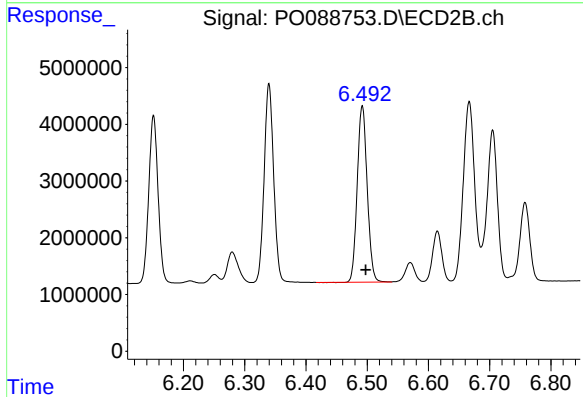
R.T.: 6.340 min
Delta R.T.: -0.006 min
Response: 37813087
Conc: 493.47 ng/ml



#33 AR-1260-3

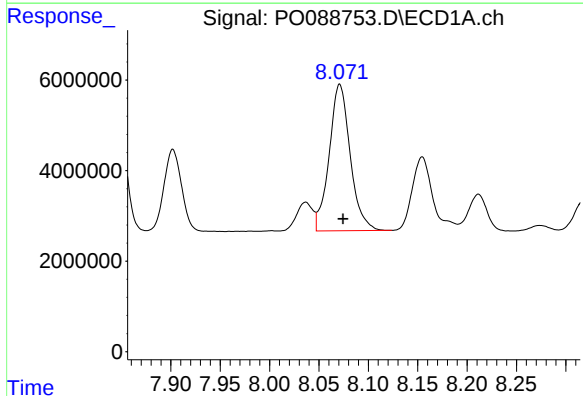
R.T.: 7.845 min
Delta R.T.: -0.003 min
Response: 43711793
Conc: 497.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



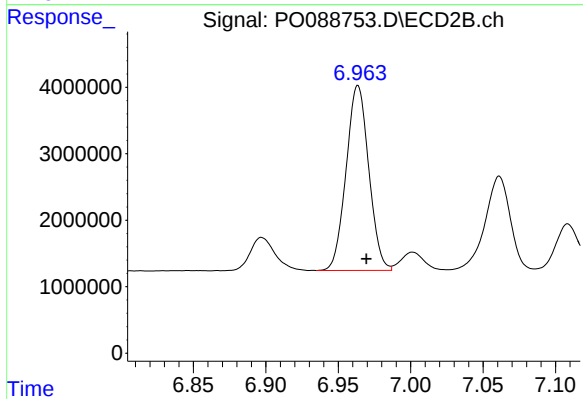
#33 AR-1260-3

R.T.: 6.492 min
Delta R.T.: -0.006 min
Response: 35203293
Conc: 490.01 ng/ml



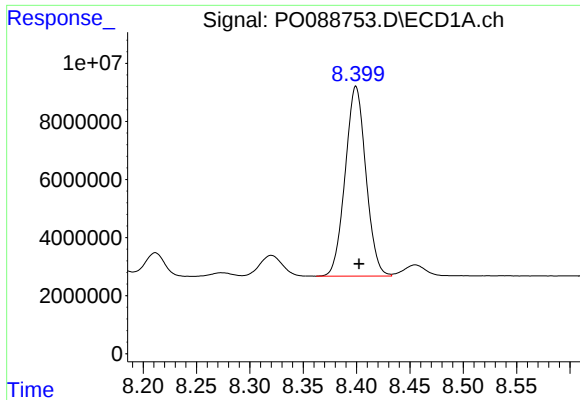
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: -0.004 min
Response: 47936659
Conc: 489.44 ng/ml



#34 AR-1260-4

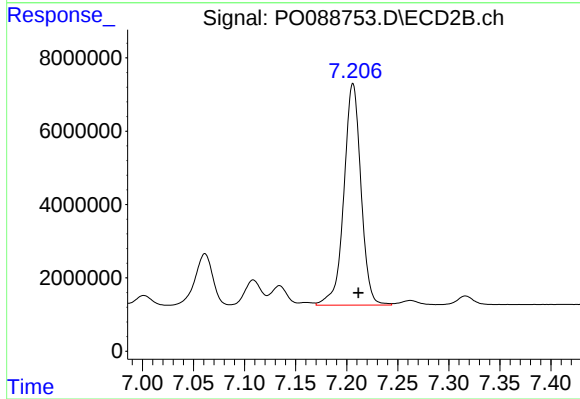
R.T.: 6.964 min
Delta R.T.: -0.006 min
Response: 30284424
Conc: 496.30 ng/ml



#35 AR-1260-5

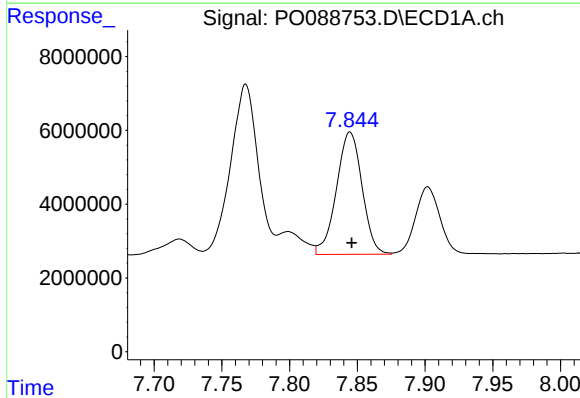
R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 88277525
Conc: 479.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



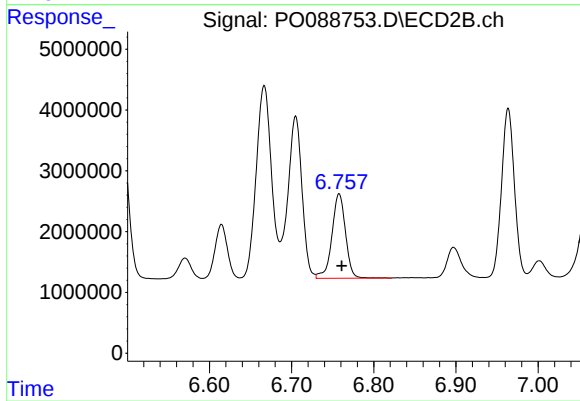
#35 AR-1260-5

R.T.: 7.206 min
Delta R.T.: -0.005 min
Response: 70262544
Conc: 498.17 ng/ml



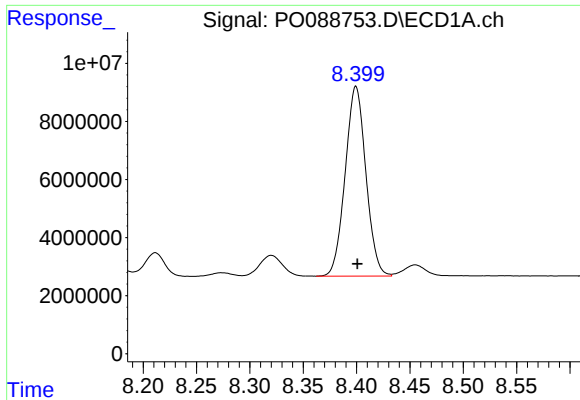
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 43711793
Conc: 344.96 ng/ml



#36 AR-1262-1

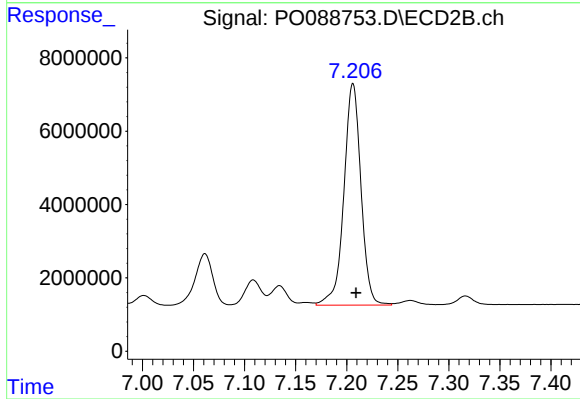
R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 15954811
Conc: 455.66 ng/ml



#37 AR-1262-2

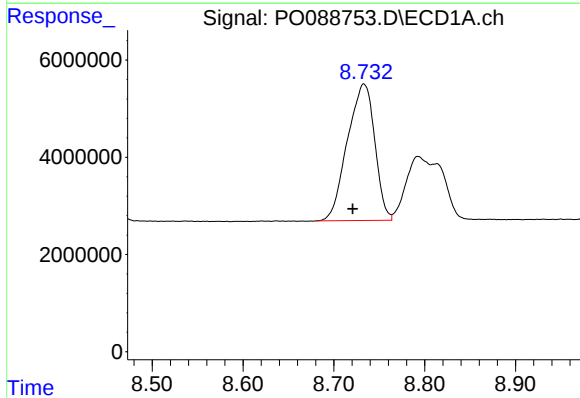
R.T.: 8.399 min
Delta R.T.: -0.001 min
Response: 88277525
Conc: 420.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



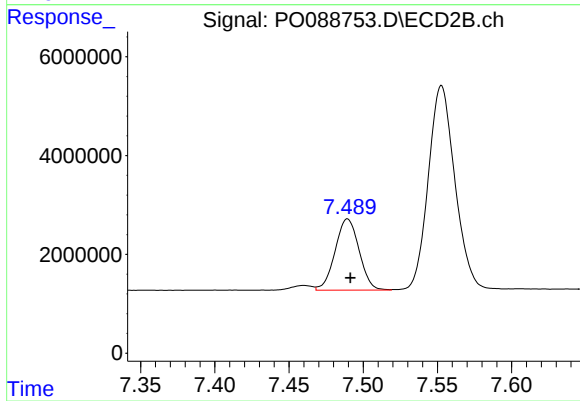
#37 AR-1262-2

R.T.: 7.206 min
Delta R.T.: -0.003 min
Response: 70262544
Conc: 458.68 ng/ml



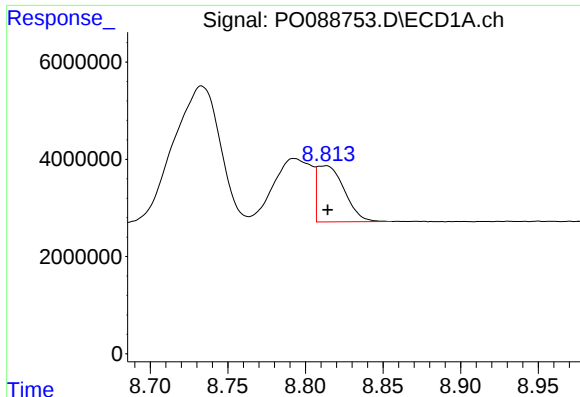
#38 AR-1262-3

R.T.: 8.733 min
Delta R.T.: 0.012 min
Response: 58813947
Conc: 652.35 ng/ml



#38 AR-1262-3

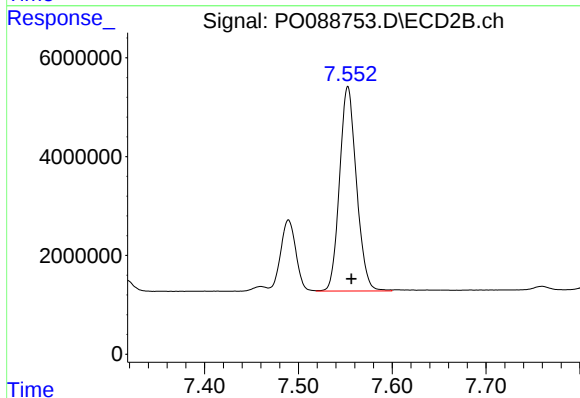
R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 16232331
Conc: 263.18 ng/ml



#39 AR-1262-4

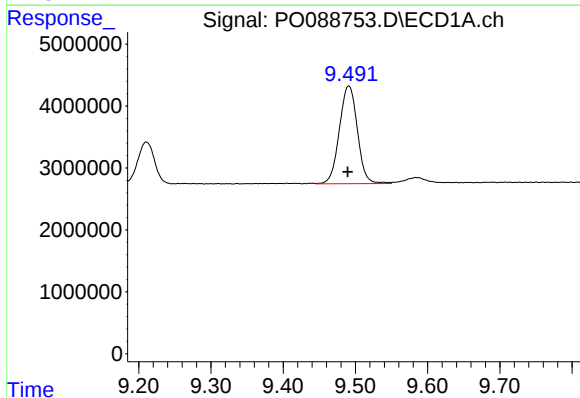
R.T.: 8.813 min
Delta R.T.: -0.001 min
Response: 13969221
Conc: 211.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



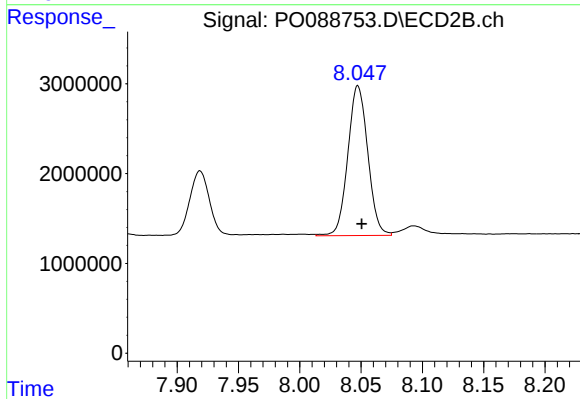
#39 AR-1262-4

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 51777068
Conc: 454.65 ng/ml



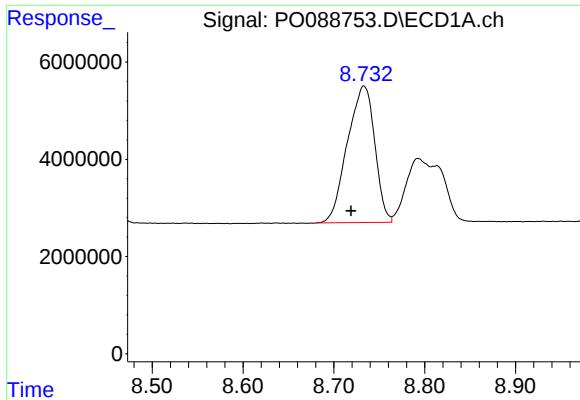
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: 0.001 min
Response: 27413982
Conc: 341.90 ng/ml



#40 AR-1262-5

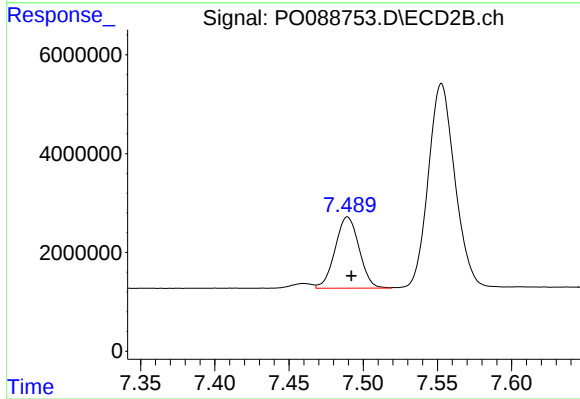
R.T.: 8.047 min
Delta R.T.: -0.003 min
Response: 18921797
Conc: 352.44 ng/ml



#41 AR-1268-1

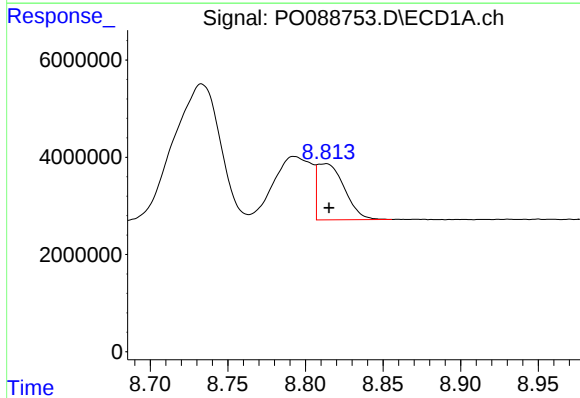
R.T.: 8.733 min
Delta R.T.: 0.014 min
Response: 58813947
Conc: 237.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



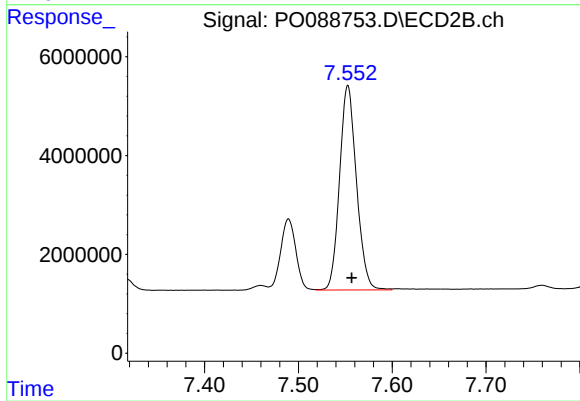
#41 AR-1268-1

R.T.: 7.489 min
Delta R.T.: -0.003 min
Response: 16232331
Conc: 91.67 ng/ml



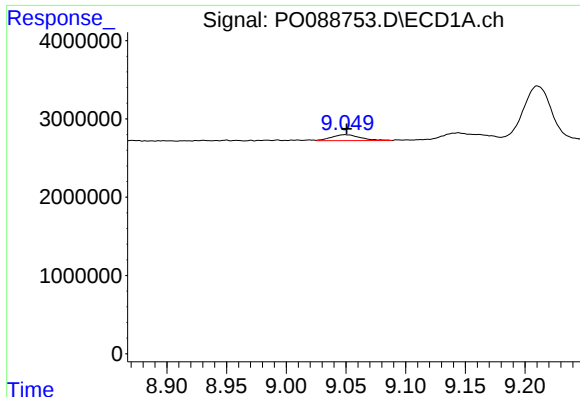
#42 AR-1268-2

R.T.: 8.813 min
Delta R.T.: -0.002 min
Response: 13969221
Conc: 61.41 ng/ml



#42 AR-1268-2

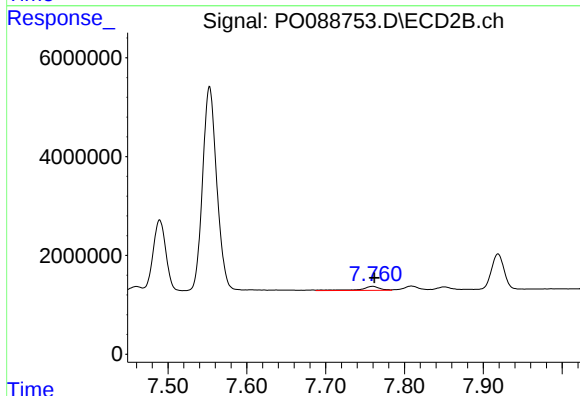
R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 51777068
Conc: 322.51 ng/ml



#43 AR-1268-3

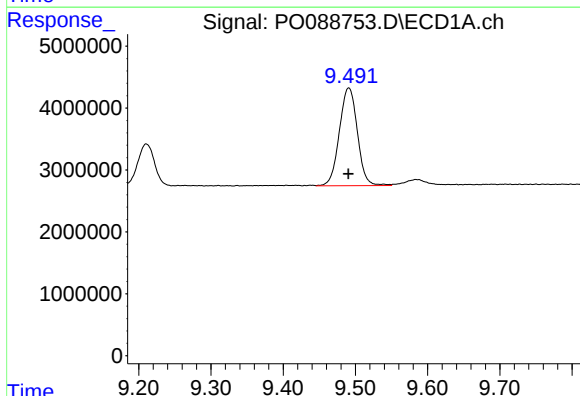
R.T.: 9.049 min
Delta R.T.: -0.001 min
Response: 1241217
Conc: 6.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



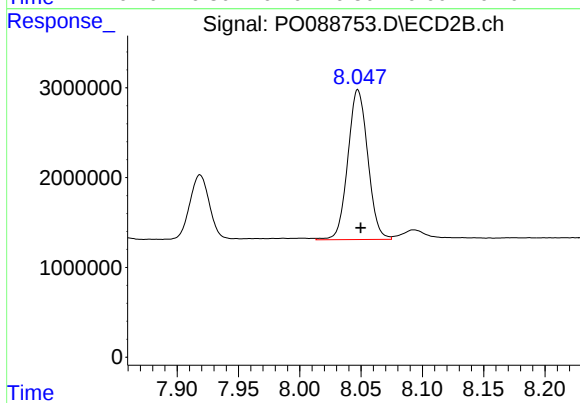
#43 AR-1268-3

R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 1381702
Conc: 10.02 ng/ml



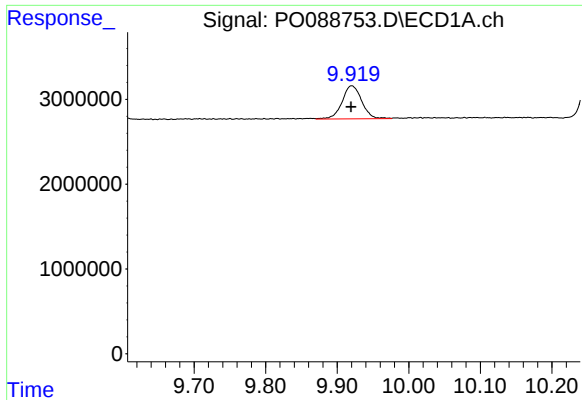
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 27413982
Conc: 314.83 ng/ml



#44 AR-1268-4

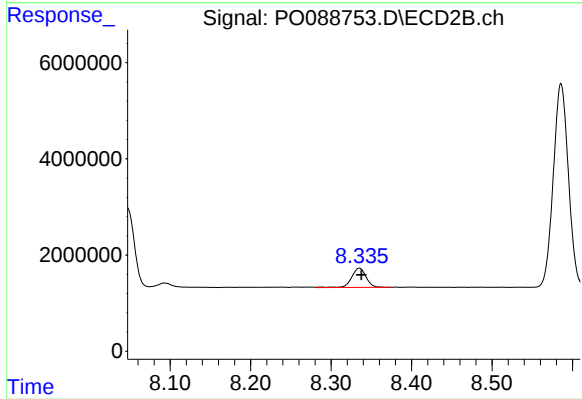
R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 18921797
Conc: 326.92 ng/ml



#45 AR-1268-5

R.T.: 9.920 min
Delta R.T.: 0.000 min
Response: 7407273
Conc: 11.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: -0.002 min
Response: 4984591
Conc: 12.22 ng/ml