

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070622\
 Data File : P0087753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2022 16:36
 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: Jul 07 02:51:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 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...	4.449	3.609	123.6E6	49046953	47.771	49.845
2)	SA Decachlor...	10.304	8.615	94194952	31964166	46.114	39.430
Target Compounds							
3)	L1 AR-1016-1	5.626	4.689	41526467	18586391	462.671	464.769
4)	L1 AR-1016-2	5.649	4.708	58130303	26030842	462.530	466.914
5)	L1 AR-1016-3	5.711	4.883	36612494	14067953	470.415	477.848
6)	L1 AR-1016-4	5.811	4.926	29484311	11222072	482.367	466.983
7)	L1 AR-1016-5	6.108	5.138	30220822	14766036	504.260	482.739
8)	L2 AR-1221-1	4.653	3.820	4383581	1726884	142.506	147.047
9)	L2 AR-1221-2	4.745	3.906	6159326	2587521	271.732	291.035
10)	L2 AR-1221-3	4.822	3.981	23305151	9731714	333.216	347.883
11)	L3 AR-1232-1	4.822	3.981	23305151	9731714	356.025	374.888
12)	L3 AR-1232-2	5.161	4.708	32459750	26030842	1005.236	1067.526
13)	L3 AR-1232-3	5.649	4.883	58130303	14067953	963.919	1132.768
14)	L3 AR-1232-4	5.811	4.967	29484311	13968492	1006.994	1231.976
15)	L3 AR-1232-5	5.902	5.138	27364825	14766036	1109.722	1176.686
16)	L4 AR-1242-1	5.626	4.689	41526467	18586391	572.675	651.232
17)	L4 AR-1242-2	5.649	4.708	58130303	26030842	569.329	667.295
18)	L4 AR-1242-3	5.711	4.883	36612494	14067953	570.078	674.918
19)	L4 AR-1242-4	5.811	4.967	29484311	13968492	579.165	661.173
20)	L4 AR-1242-5	6.553	5.491	4960773	11172341	93.435	427.405 #
21)	L5 AR-1248-1	5.626	4.689	41526467	18586391	723.359	800.924
22)	L5 AR-1248-2	5.902	4.926	27364825	11222072	328.226	357.047
23)	L5 AR-1248-3	6.108	4.967	30220822	13968492	337.315	430.354 #
24)	L5 AR-1248-4	6.513	5.138	4871433	14766036	49.524	382.743 #
25)	L5 AR-1248-5	6.553	5.531	4960773	1753773	51.608	48.112
26)	L6 AR-1254-1	6.488	5.491	22708870	11172341	226.549	202.107
27)	L6 AR-1254-2	6.707	5.639	24455036	10468045	160.253	213.977 #
28)	L6 AR-1254-3	7.076	6.057	12755212	18303073	83.745	241.201 #
29)	L6 AR-1254-4	7.363	6.270	7833424	2030396	71.164	44.723 #
30)	L6 AR-1254-5	7.784	6.687	67443570	32890196	561.890	514.474
31)	L7 AR-1260-1	7.242	6.172	51425599	25352829	458.735	449.079
32)	L7 AR-1260-2	7.499	6.361	58031305	29724541	425.837	439.347
33)	L7 AR-1260-3	7.861	6.514	39577388	27726398	422.528	438.924
34)	L7 AR-1260-4	8.088	6.986	46522592	20167197	444.731	433.662
35)	L7 AR-1260-5	8.416	7.228	88864110	44434542	450.481	412.216
36)	L8 AR-1262-1	7.861	6.780	39577388	11307489	276.532	430.784 #
37)	L8 AR-1262-2	8.416	7.228	88864110	44434542	353.530	418.605
38)	L8 AR-1262-3	8.753	7.512	59919882	8709638	331.284	212.339 #
39)	L8 AR-1262-4	8.833	7.575	15020403	29965869	173.829	400.558 #
40)	L8 AR-1262-5	9.515	8.070	25711546	9297593	268.389	277.179
41)	L9 AR-1268-1	8.753	7.512	59919882	8709638	204.261	75.660 #

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

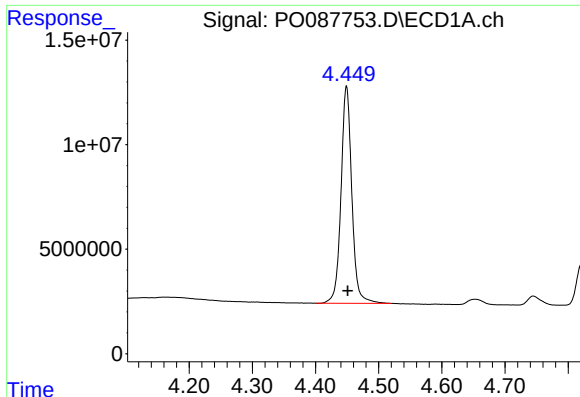
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 02:51:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.833	7.575	15020403	29965869	55.820	291.896 #
43) L9	AR-1268-3	9.072	7.783	1525674	625850	6.527	7.393
44) L9	AR-1268-4	9.515	8.070	25711546	9297593	251.508	262.092
45) L9	AR-1268-5	9.948	8.361	8092149	2762892	10.717	11.032

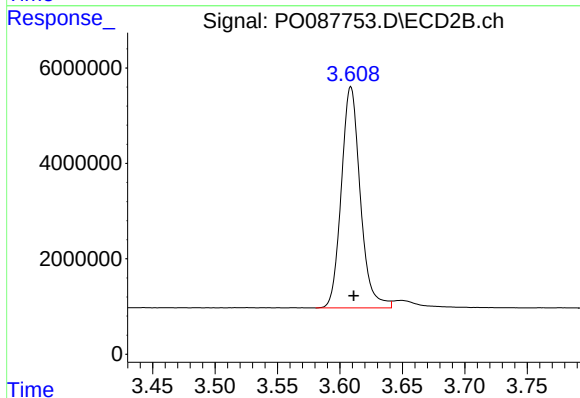
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

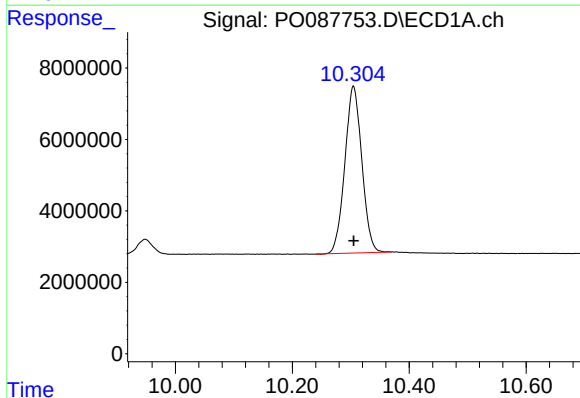
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 123647718
Conc: 47.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



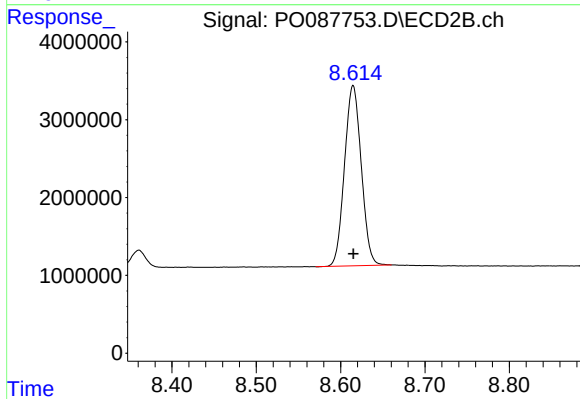
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 49046953
Conc: 49.85 ng/ml



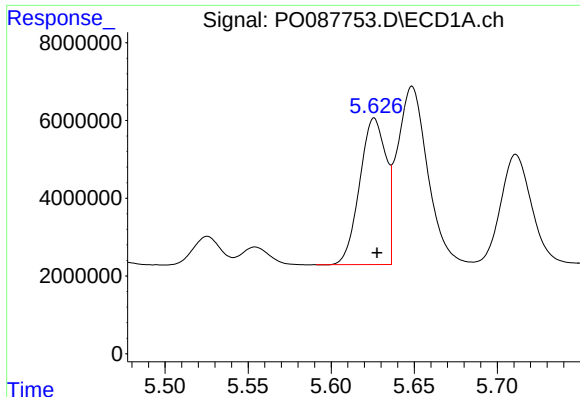
#2 Decachlorobiphenyl

R.T.: 10.304 min
Delta R.T.: 0.000 min
Response: 94194952
Conc: 46.11 ng/ml



#2 Decachlorobiphenyl

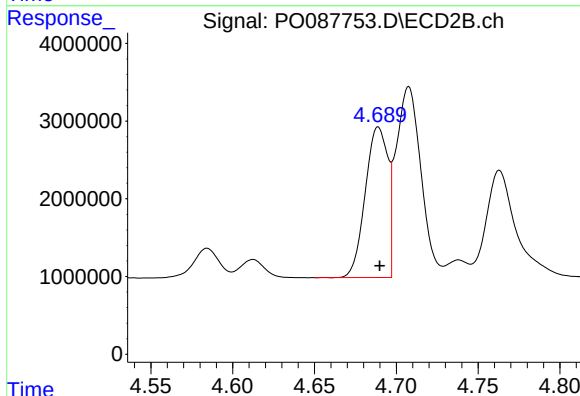
R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 31964166
Conc: 39.43 ng/ml



#3 AR-1016-1

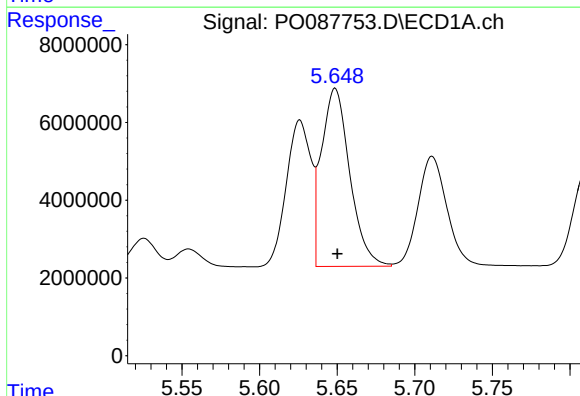
R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 41526467
Conc: 462.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



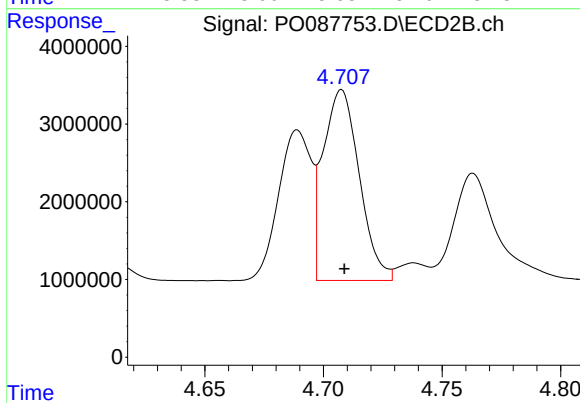
#3 AR-1016-1

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 18586391
Conc: 464.77 ng/ml



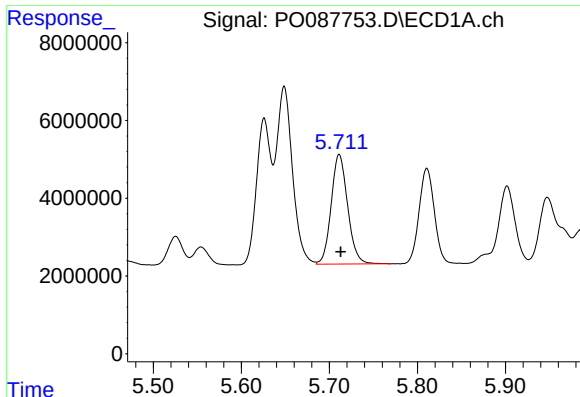
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: -0.001 min
Response: 58130303
Conc: 462.53 ng/ml



#4 AR-1016-2

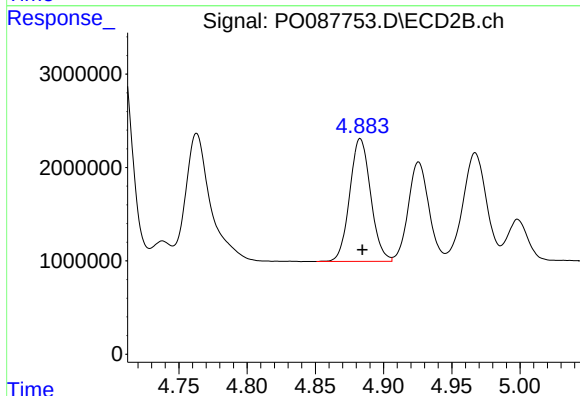
R.T.: 4.708 min
Delta R.T.: -0.001 min
Response: 26030842
Conc: 466.91 ng/ml



#5 AR-1016-3

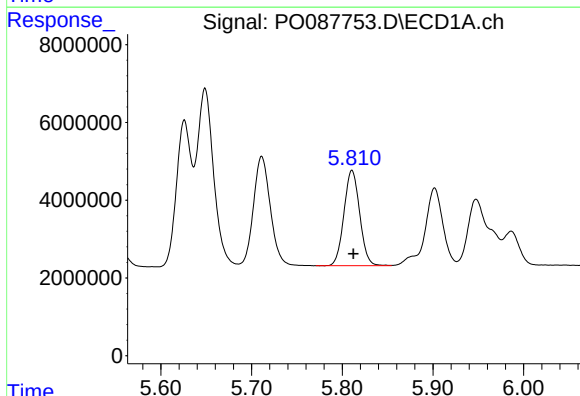
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 36612494
Conc: 470.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



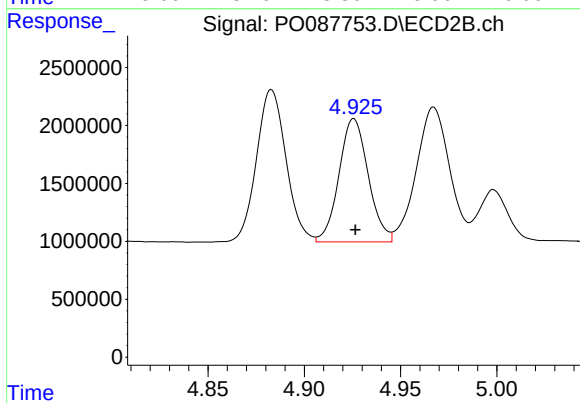
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 14067953
Conc: 477.85 ng/ml



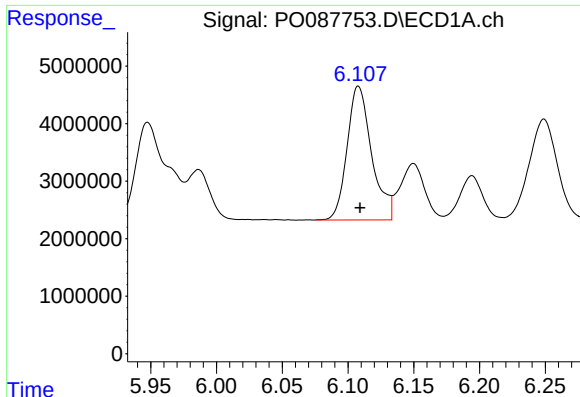
#6 AR-1016-4

R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 29484311
Conc: 482.37 ng/ml



#6 AR-1016-4

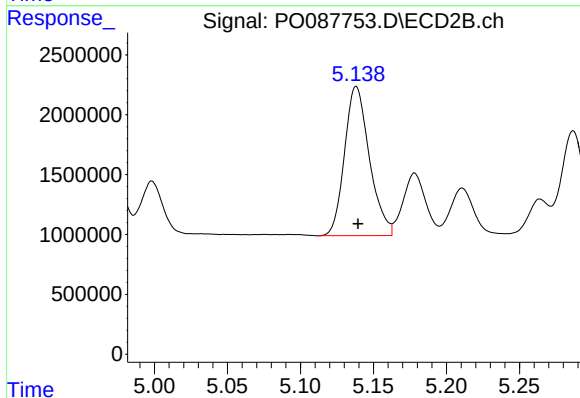
R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 11222072
Conc: 466.98 ng/ml



#7 AR-1016-5

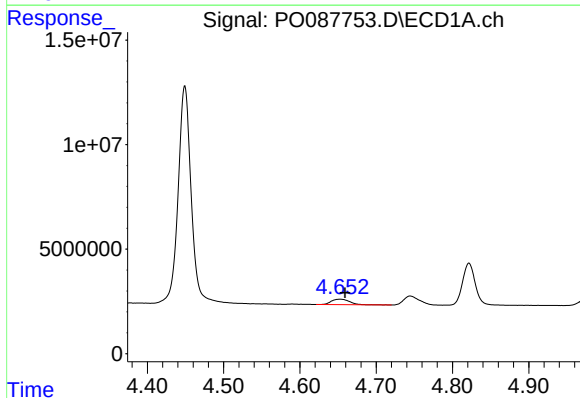
R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 30220822
Conc: 504.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



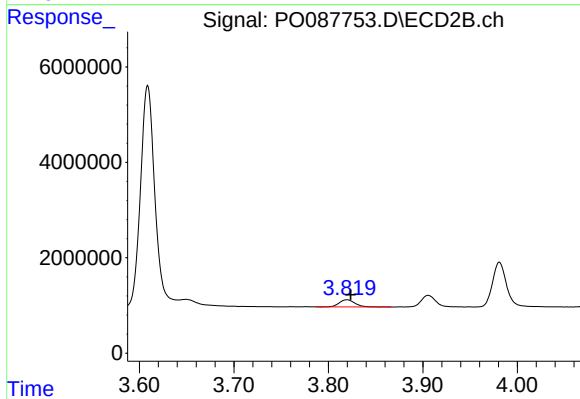
#7 AR-1016-5

R.T.: 5.138 min
Delta R.T.: -0.001 min
Response: 14766036
Conc: 482.74 ng/ml



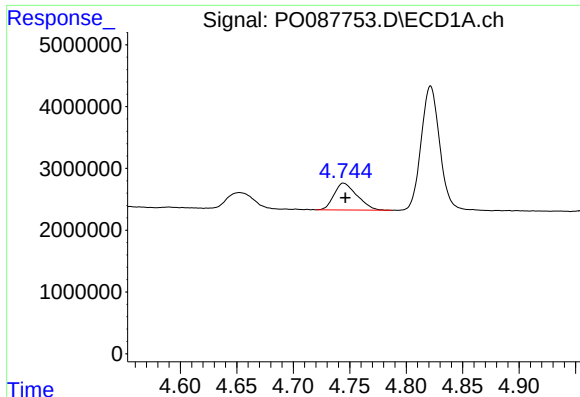
#8 AR-1221-1

R.T.: 4.653 min
Delta R.T.: -0.007 min
Response: 4383581
Conc: 142.51 ng/ml



#8 AR-1221-1

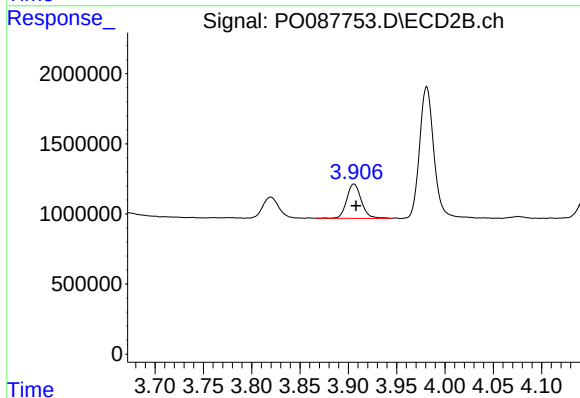
R.T.: 3.820 min
Delta R.T.: -0.004 min
Response: 1726884
Conc: 147.05 ng/ml



#9 AR-1221-2

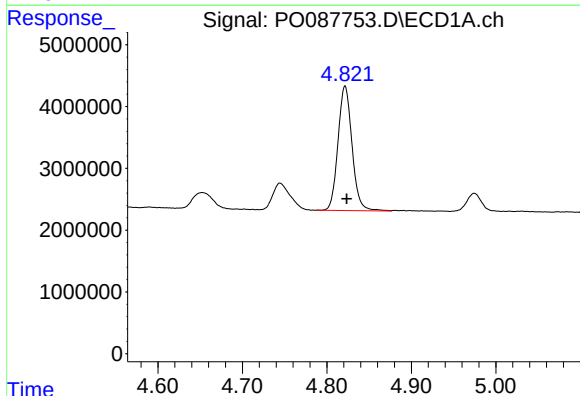
R.T.: 4.745 min
Delta R.T.: -0.001 min
Response: 6159326
Conc: 271.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



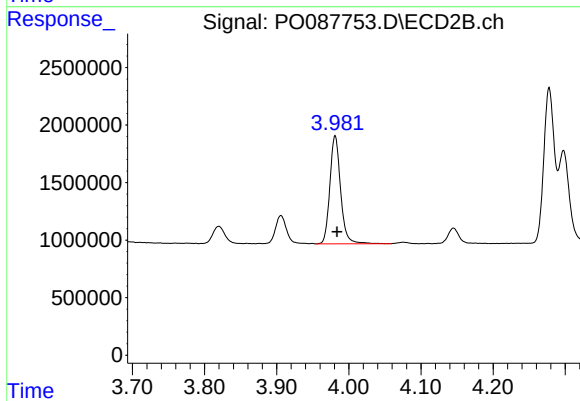
#9 AR-1221-2

R.T.: 3.906 min
Delta R.T.: -0.002 min
Response: 2587521
Conc: 291.03 ng/ml



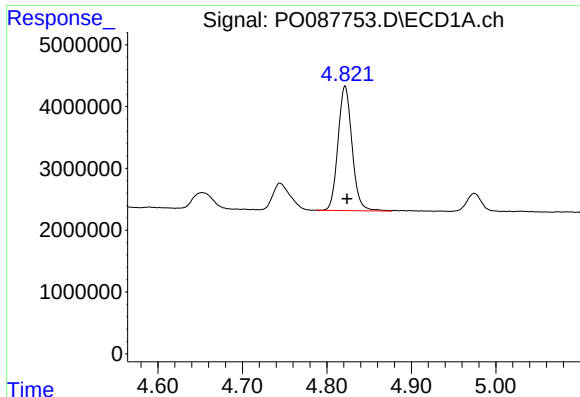
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 23305151
Conc: 333.22 ng/ml



#10 AR-1221-3

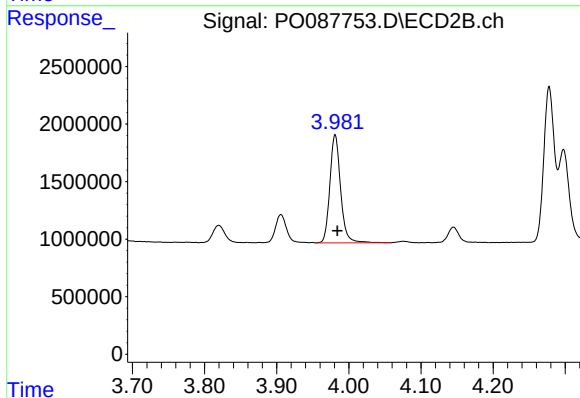
R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 9731714
Conc: 347.88 ng/ml



#11 AR-1232-1

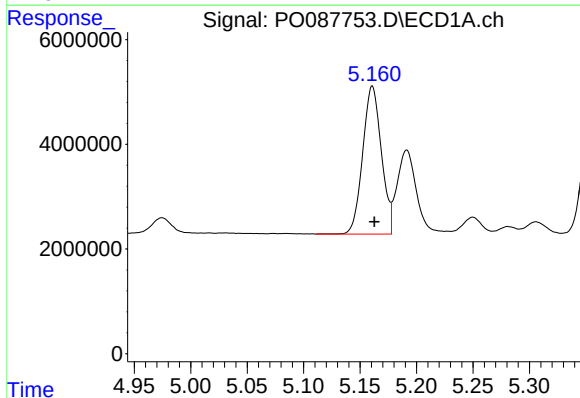
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 23305151
Conc: 356.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



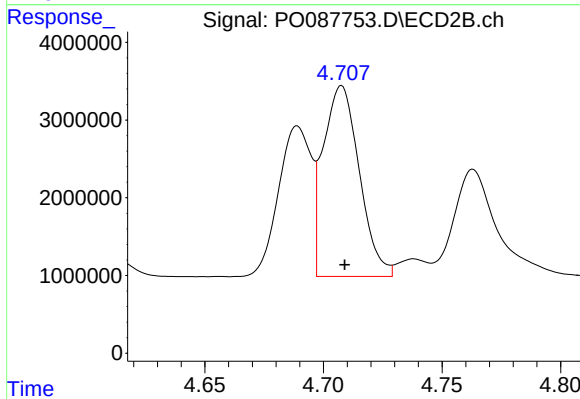
#11 AR-1232-1

R.T.: 3.981 min
Delta R.T.: -0.003 min
Response: 9731714
Conc: 374.89 ng/ml



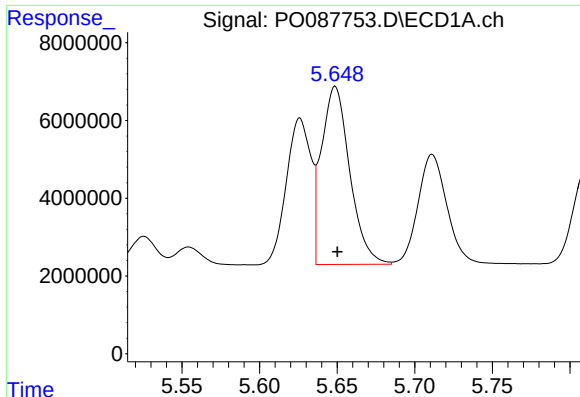
#12 AR-1232-2

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 32459750
Conc: 1005.24 ng/ml



#12 AR-1232-2

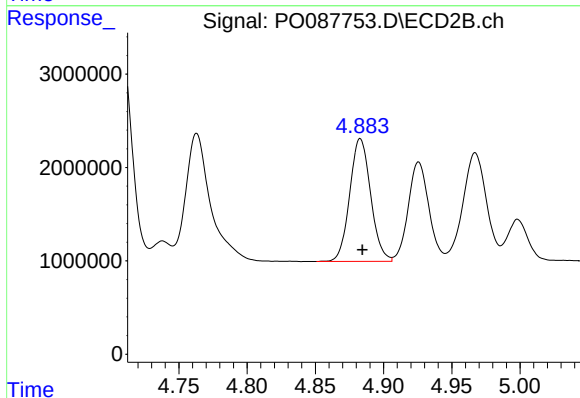
R.T.: 4.708 min
Delta R.T.: -0.001 min
Response: 26030842
Conc: 1067.53 ng/ml



#13 AR-1232-3

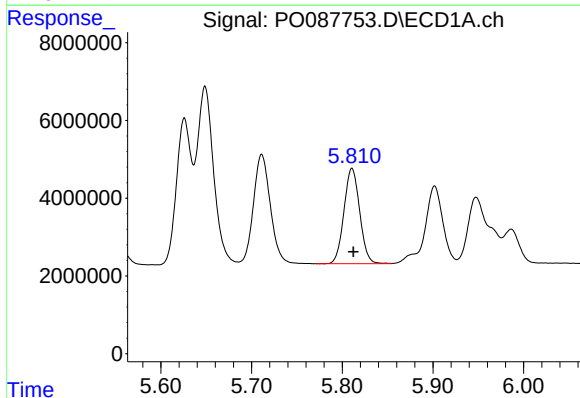
R.T.: 5.649 min
Delta R.T.: -0.001 min
Response: 58130303
Conc: 963.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



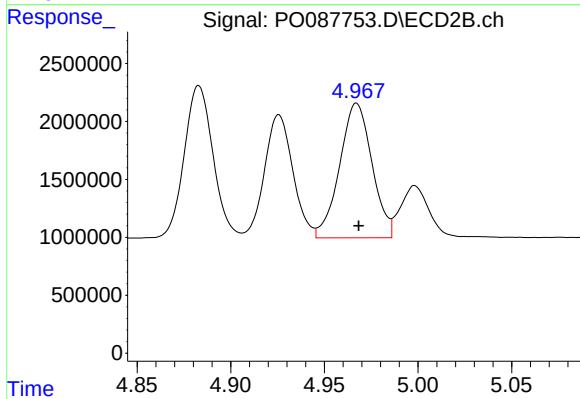
#13 AR-1232-3

R.T.: 4.883 min
Delta R.T.: -0.002 min
Response: 14067953
Conc: 1132.77 ng/ml



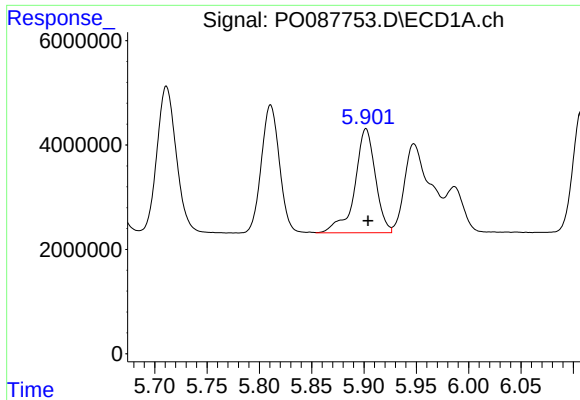
#14 AR-1232-4

R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 29484311
Conc: 1006.99 ng/ml



#14 AR-1232-4

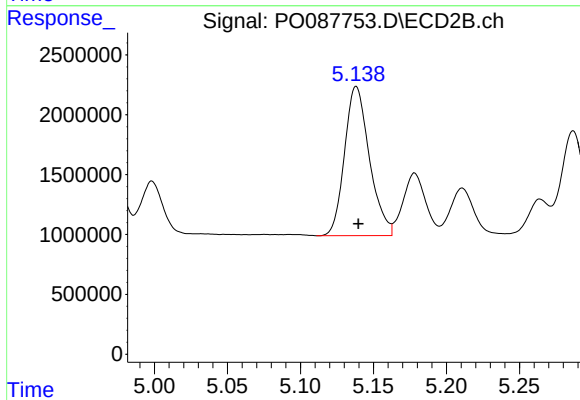
R.T.: 4.967 min
Delta R.T.: -0.001 min
Response: 13968492
Conc: 1231.98 ng/ml



#15 AR-1232-5

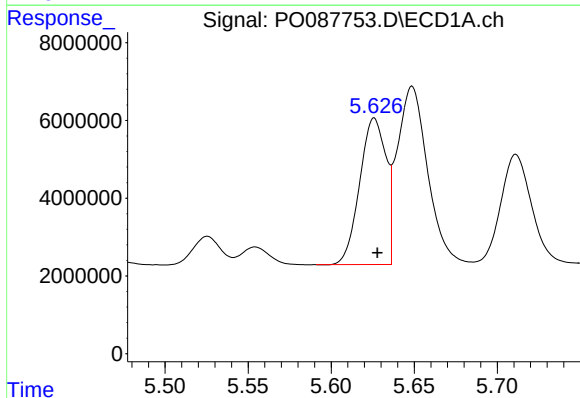
R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 27364825
Conc: 1109.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



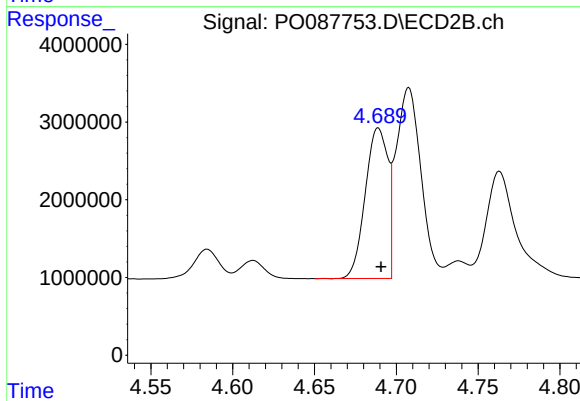
#15 AR-1232-5

R.T.: 5.138 min
Delta R.T.: -0.001 min
Response: 14766036
Conc: 1176.69 ng/ml



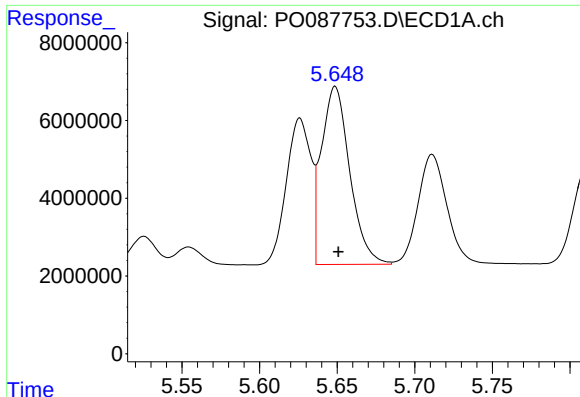
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 41526467
Conc: 572.68 ng/ml



#16 AR-1242-1

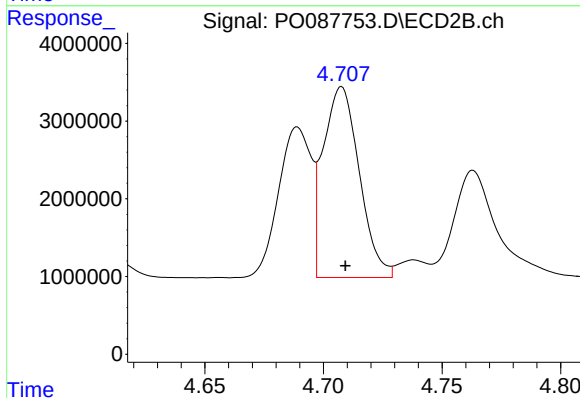
R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 18586391
Conc: 651.23 ng/ml



#17 AR-1242-2

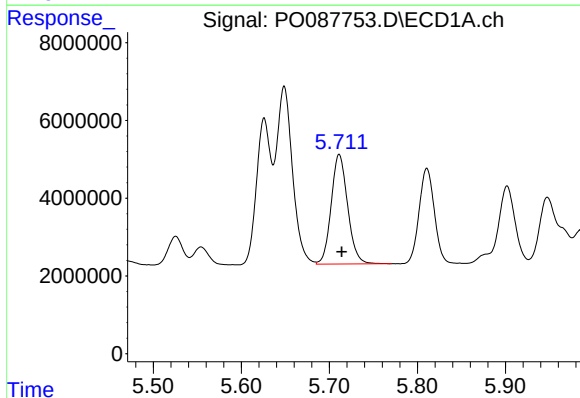
R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 58130303
Conc: 569.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



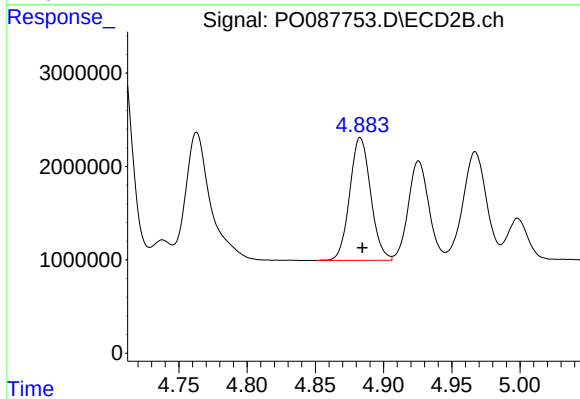
#17 AR-1242-2

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 26030842
Conc: 667.29 ng/ml



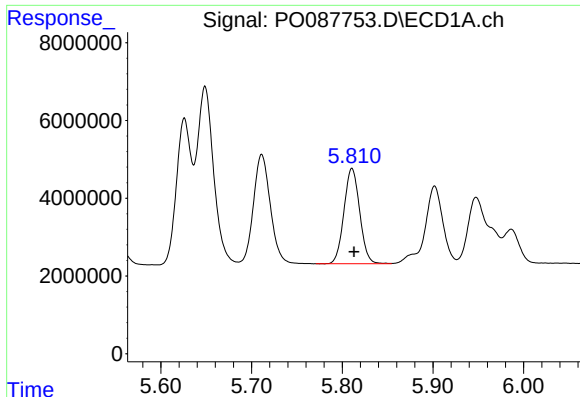
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 36612494
Conc: 570.08 ng/ml



#18 AR-1242-3

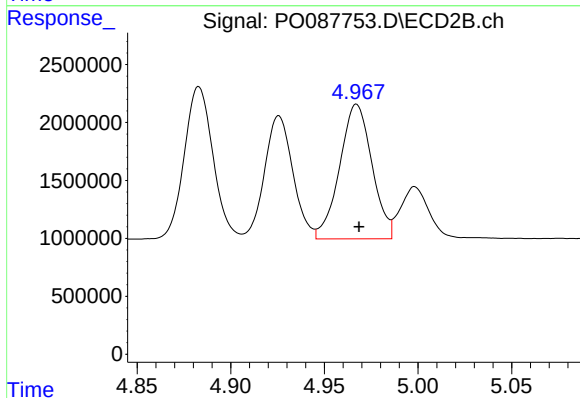
R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 14067953
Conc: 674.92 ng/ml



#19 AR-1242-4

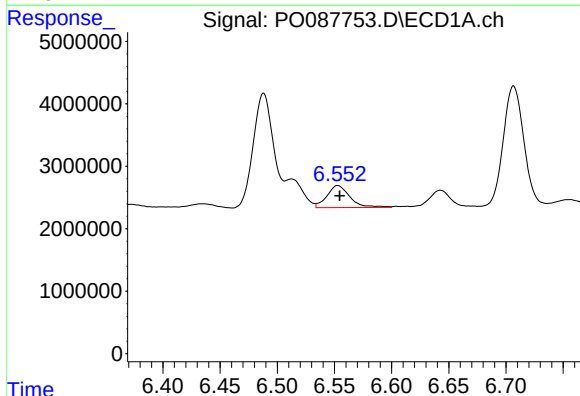
R.T.: 5.811 min
Delta R.T.: -0.002 min
Response: 29484311
Conc: 579.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



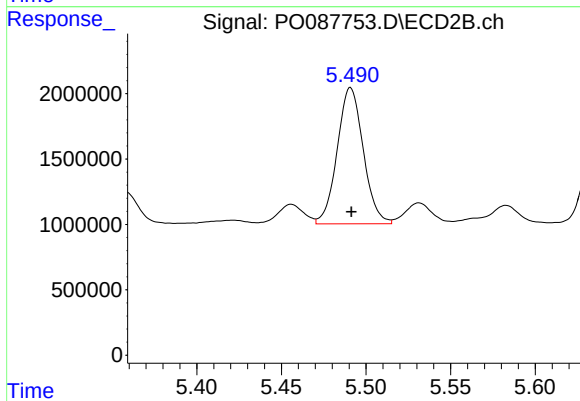
#19 AR-1242-4

R.T.: 4.967 min
Delta R.T.: -0.001 min
Response: 13968492
Conc: 661.17 ng/ml



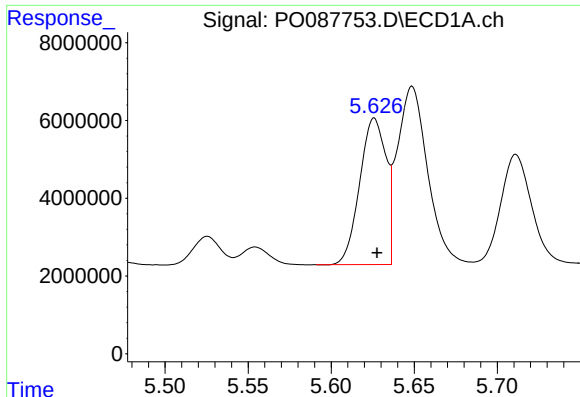
#20 AR-1242-5

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 4960773
Conc: 93.44 ng/ml



#20 AR-1242-5

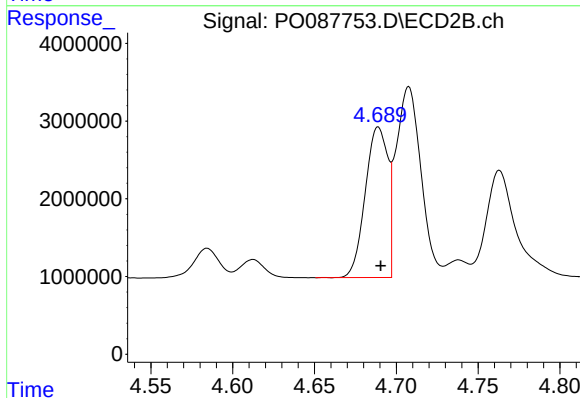
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 11172341
Conc: 427.41 ng/ml



#21 AR-1248-1

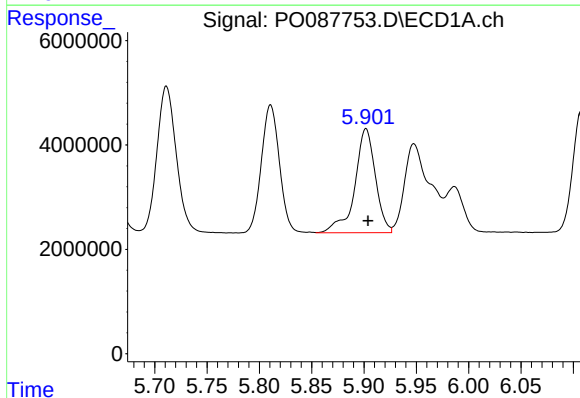
R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 41526467
Conc: 723.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



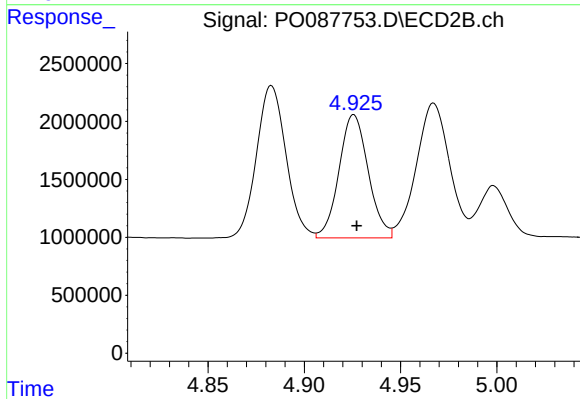
#21 AR-1248-1

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 18586391
Conc: 800.92 ng/ml



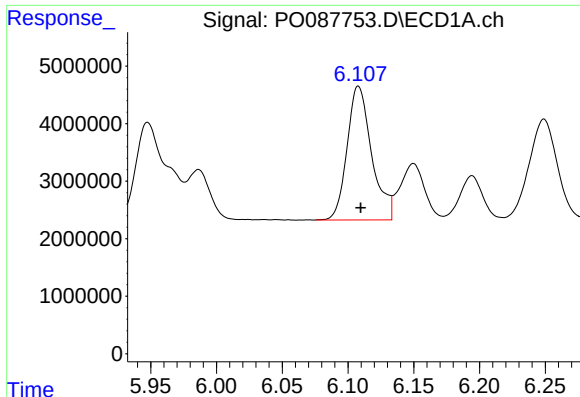
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 27364825
Conc: 328.23 ng/ml



#22 AR-1248-2

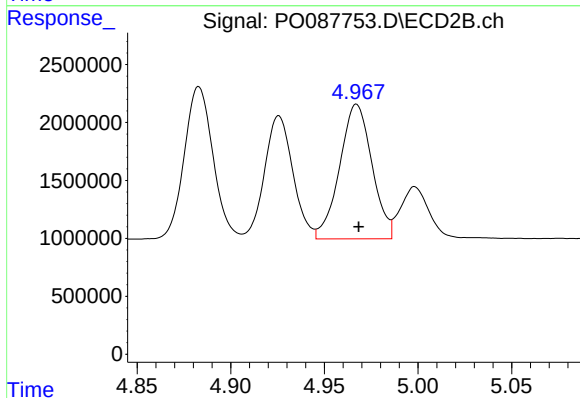
R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 11222072
Conc: 357.05 ng/ml



#23 AR-1248-3

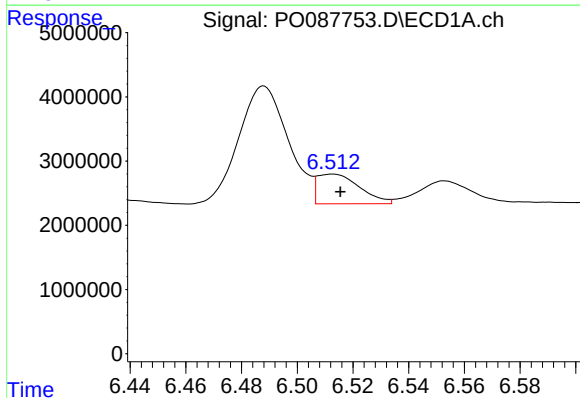
R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 30220822
Conc: 337.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



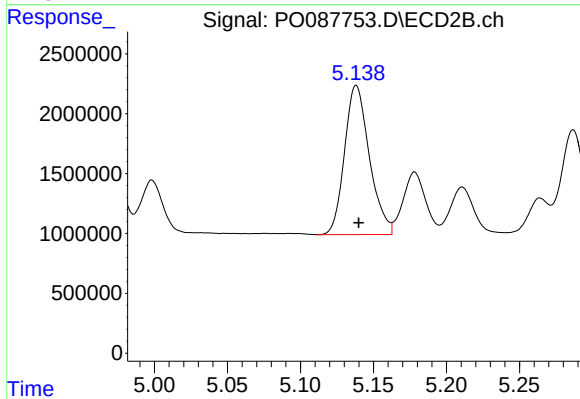
#23 AR-1248-3

R.T.: 4.967 min
Delta R.T.: -0.001 min
Response: 13968492
Conc: 430.35 ng/ml



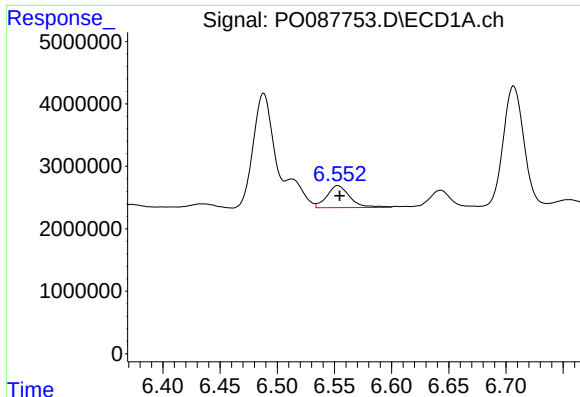
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: -0.003 min
Response: 4871433
Conc: 49.52 ng/ml



#24 AR-1248-4

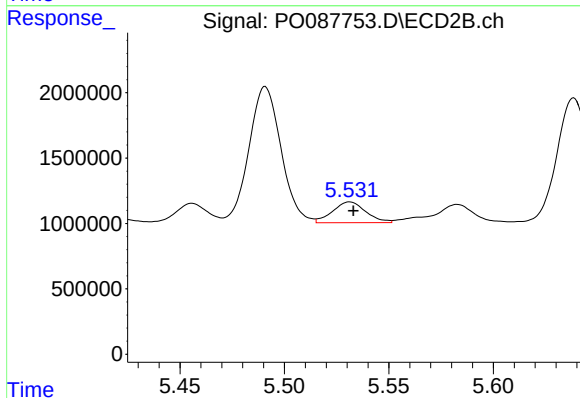
R.T.: 5.138 min
Delta R.T.: -0.002 min
Response: 14766036
Conc: 382.74 ng/ml



#25 AR-1248-5

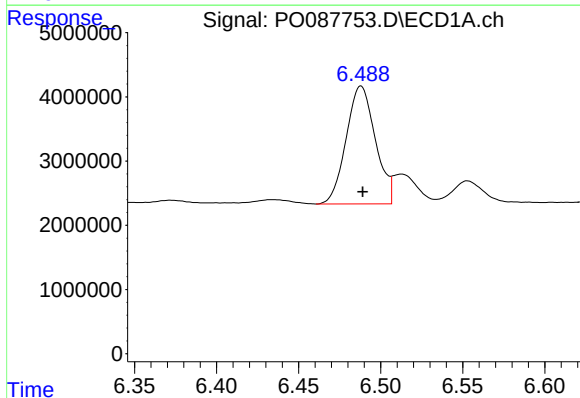
R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 4960773
Conc: 51.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



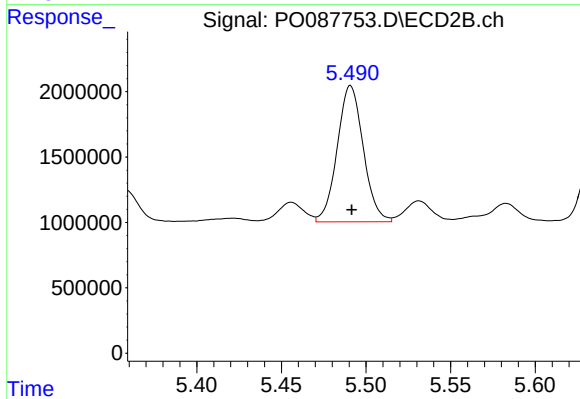
#25 AR-1248-5

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 1753773
Conc: 48.11 ng/ml



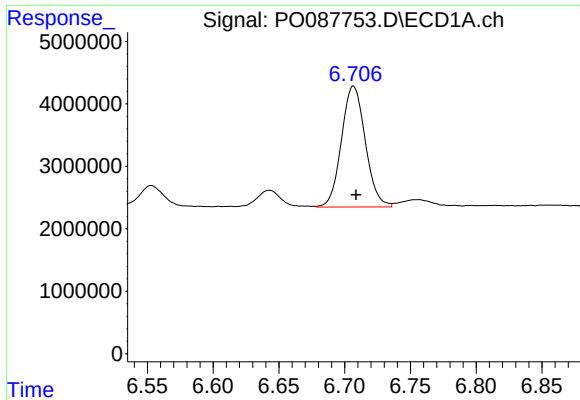
#26 AR-1254-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 22708870
Conc: 226.55 ng/ml



#26 AR-1254-1

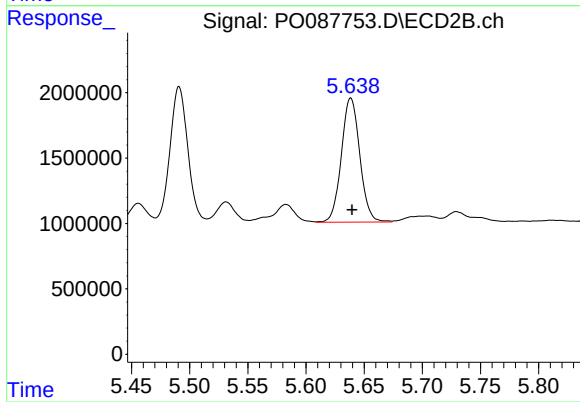
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 11172341
Conc: 202.11 ng/ml



#27 AR-1254-2

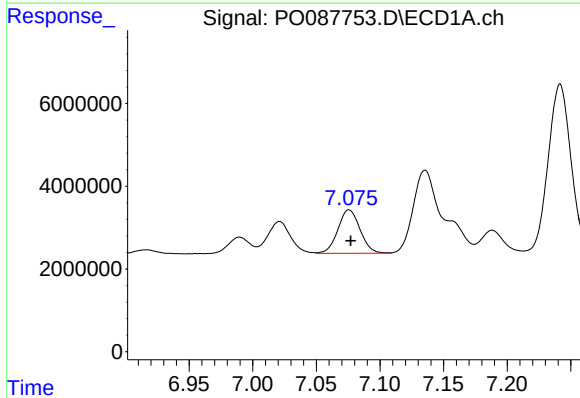
R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 24455036
Conc: 160.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



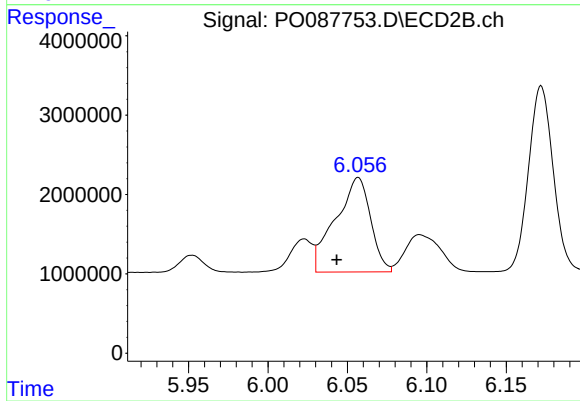
#27 AR-1254-2

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 10468045
Conc: 213.98 ng/ml



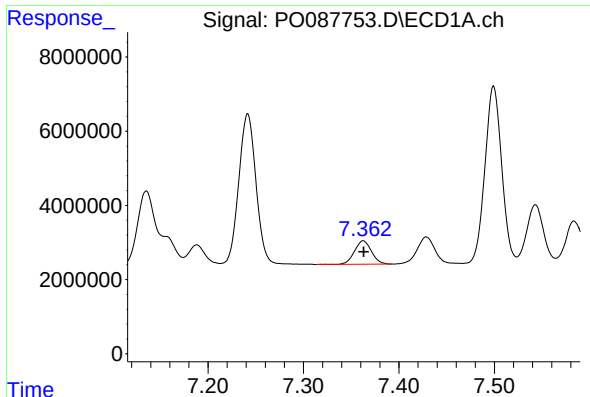
#28 AR-1254-3

R.T.: 7.076 min
Delta R.T.: -0.001 min
Response: 12755212
Conc: 83.74 ng/ml



#28 AR-1254-3

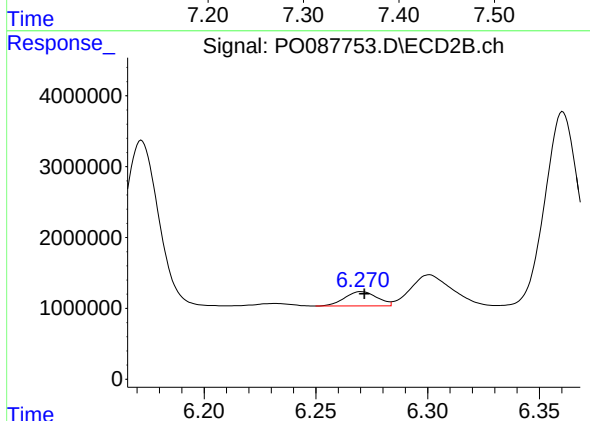
R.T.: 6.057 min
Delta R.T.: 0.013 min
Response: 18303073
Conc: 241.20 ng/ml



#29 AR-1254-4

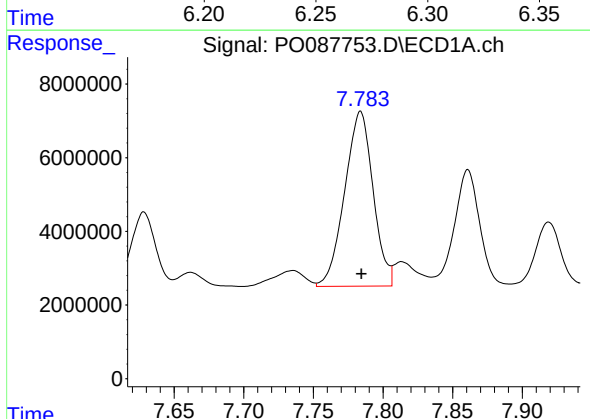
R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 7833424
Conc: 71.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



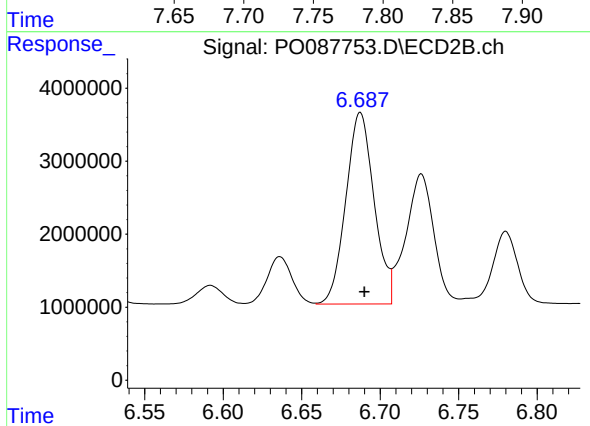
#29 AR-1254-4

R.T.: 6.270 min
Delta R.T.: -0.001 min
Response: 2030396
Conc: 44.72 ng/ml



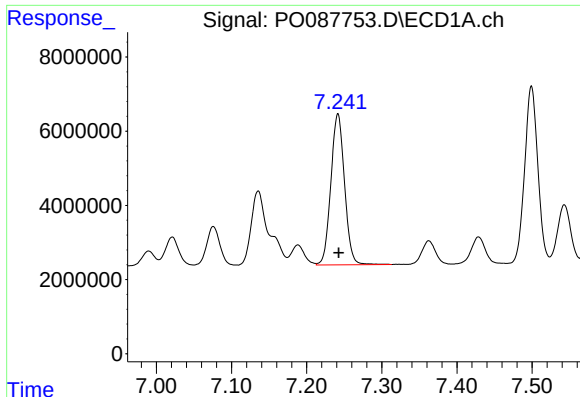
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: 0.000 min
Response: 67443570
Conc: 561.89 ng/ml



#30 AR-1254-5

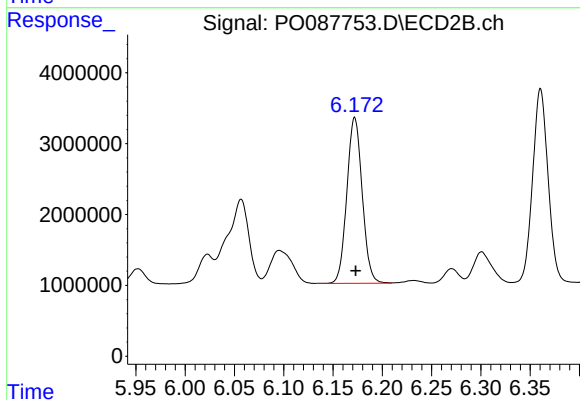
R.T.: 6.687 min
Delta R.T.: -0.003 min
Response: 32890196
Conc: 514.47 ng/ml



#31 AR-1260-1

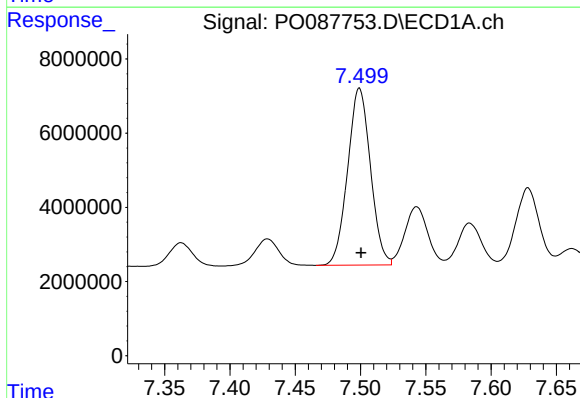
R.T.: 7.242 min
Delta R.T.: -0.001 min
Response: 51425599
Conc: 458.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



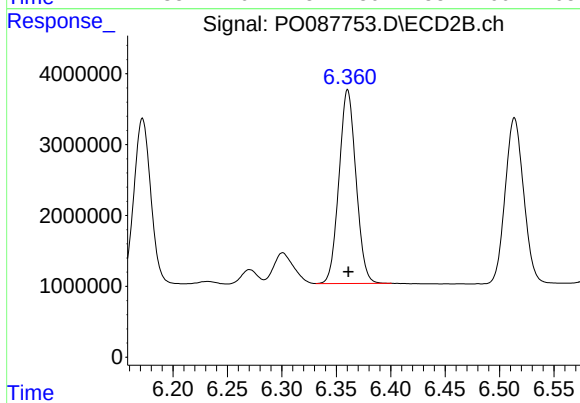
#31 AR-1260-1

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 25352829
Conc: 449.08 ng/ml



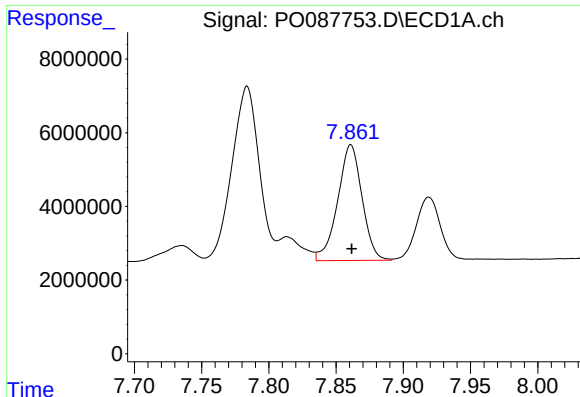
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 58031305
Conc: 425.84 ng/ml



#32 AR-1260-2

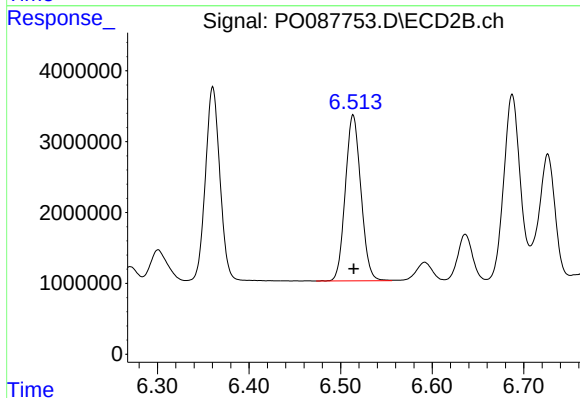
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 29724541
Conc: 439.35 ng/ml



#33 AR-1260-3

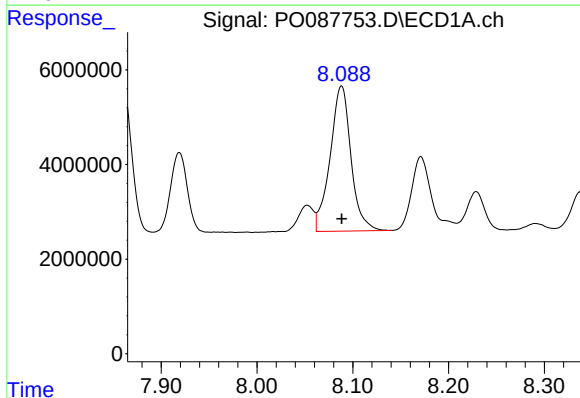
R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 39577388
Conc: 422.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



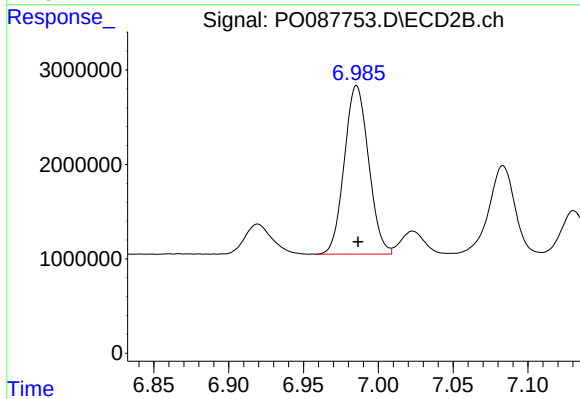
#33 AR-1260-3

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 27726398
Conc: 438.92 ng/ml



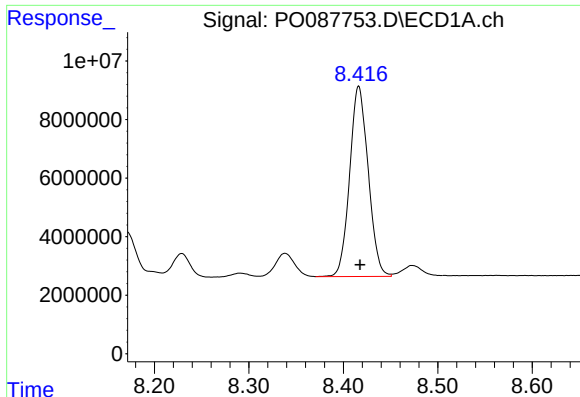
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 46522592
Conc: 444.73 ng/ml



#34 AR-1260-4

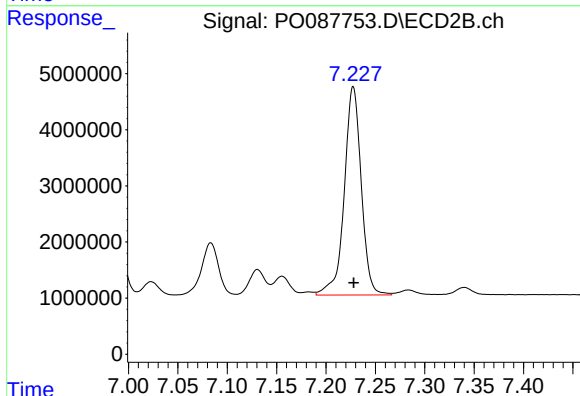
R.T.: 6.986 min
Delta R.T.: -0.001 min
Response: 20167197
Conc: 433.66 ng/ml



#35 AR-1260-5

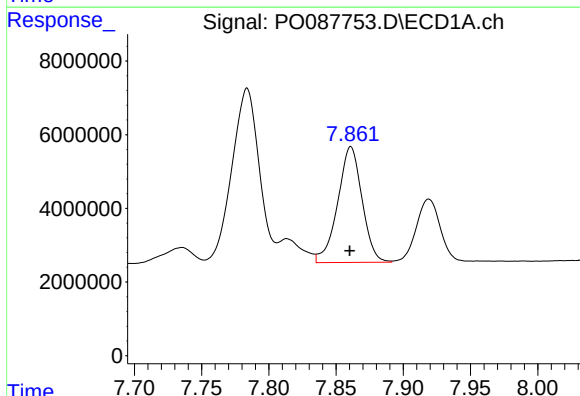
R.T.: 8.416 min
Delta R.T.: -0.001 min
Response: 88864110
Conc: 450.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



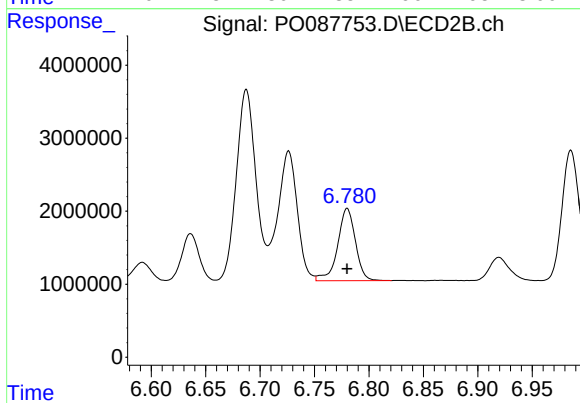
#35 AR-1260-5

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 44434542
Conc: 412.22 ng/ml



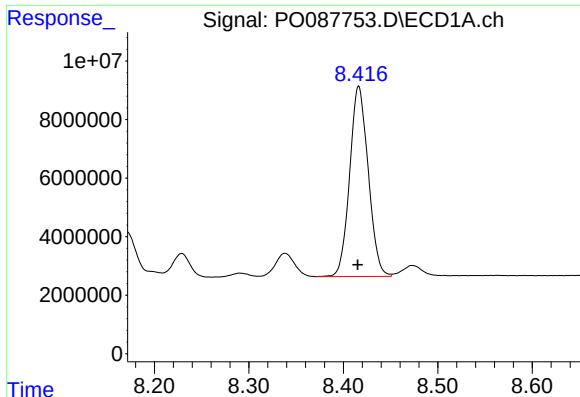
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 39577388
Conc: 276.53 ng/ml



#36 AR-1262-1

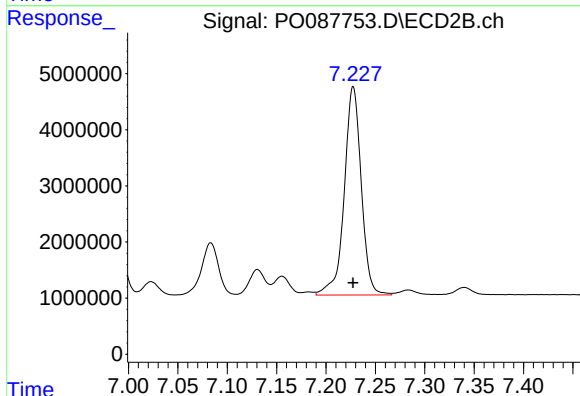
R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 11307489
Conc: 430.78 ng/ml



#37 AR-1262-2

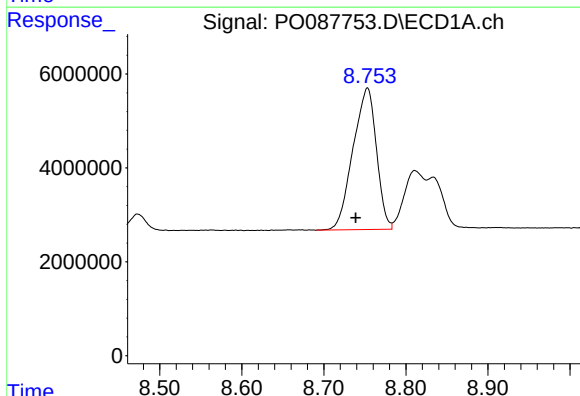
R.T.: 8.416 min
Delta R.T.: 0.001 min
Response: 88864110
Conc: 353.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



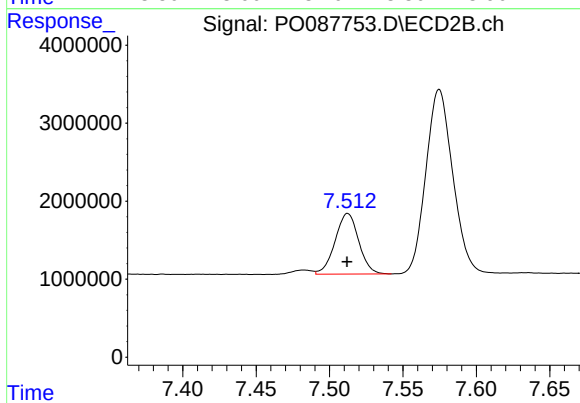
#37 AR-1262-2

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 44434542
Conc: 418.61 ng/ml



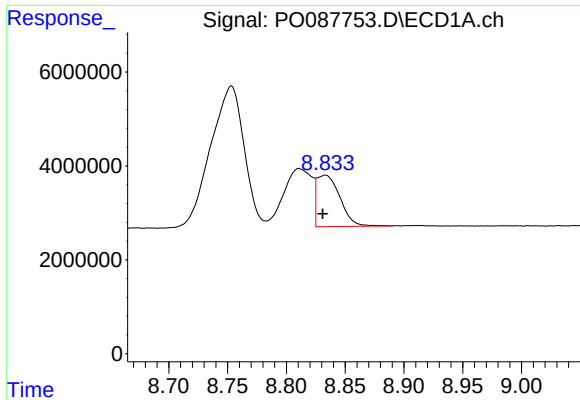
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: 0.014 min
Response: 59919882
Conc: 331.28 ng/ml



#38 AR-1262-3

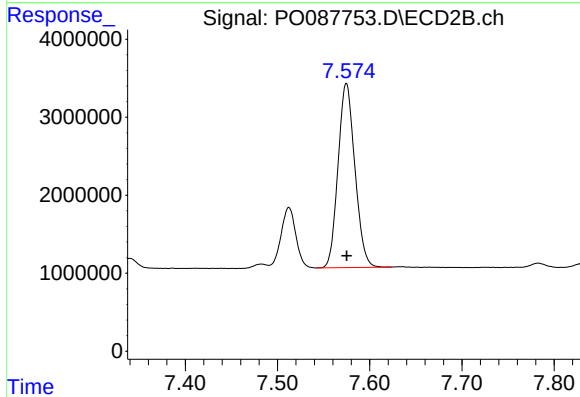
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 8709638
Conc: 212.34 ng/ml



#39 AR-1262-4

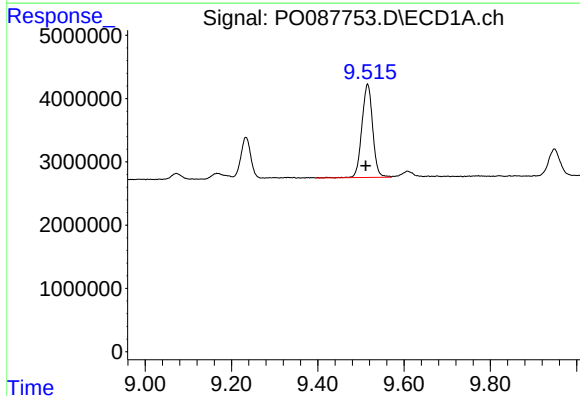
R.T.: 8.833 min
Delta R.T.: 0.002 min
Response: 15020403
Conc: 173.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



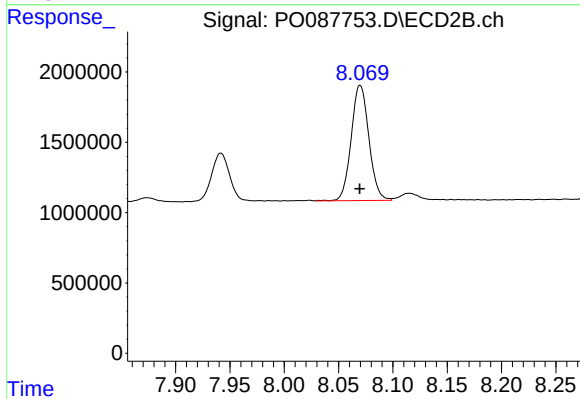
#39 AR-1262-4

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 29965869
Conc: 400.56 ng/ml



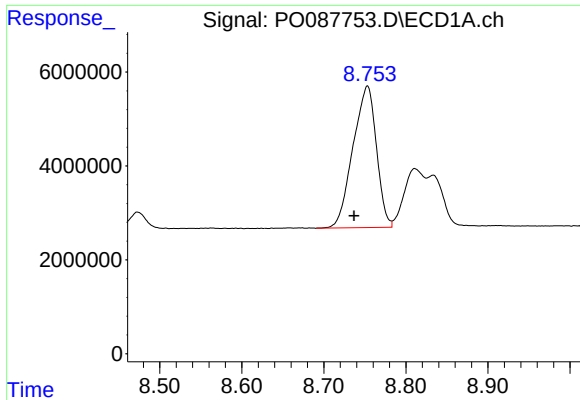
#40 AR-1262-5

R.T.: 9.515 min
Delta R.T.: 0.004 min
Response: 25711546
Conc: 268.39 ng/ml



#40 AR-1262-5

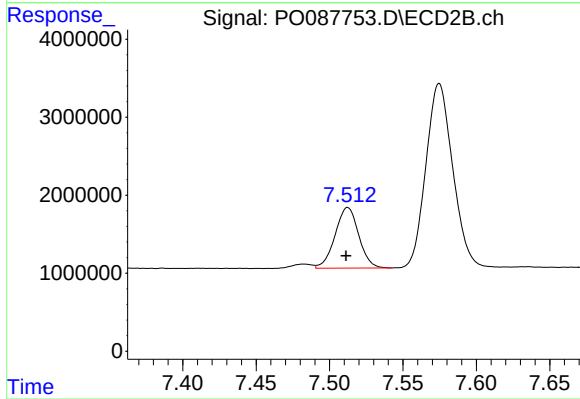
R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 9297593
Conc: 277.18 ng/ml



#41 AR-1268-1

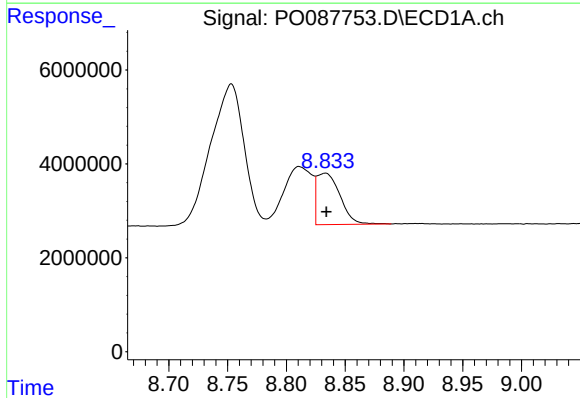
R.T.: 8.753 min
Delta R.T.: 0.016 min
Response: 59919882
Conc: 204.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



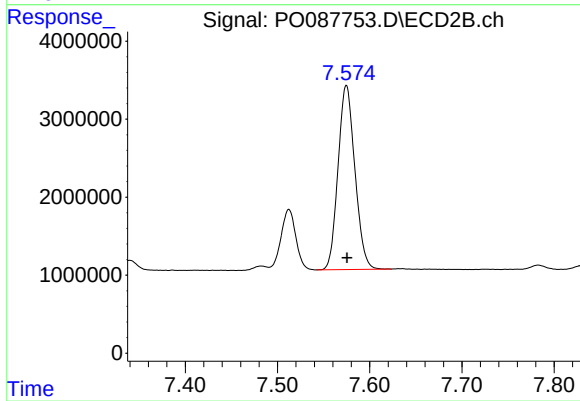
#41 AR-1268-1

R.T.: 7.512 min
Delta R.T.: 0.001 min
Response: 8709638
Conc: 75.66 ng/ml



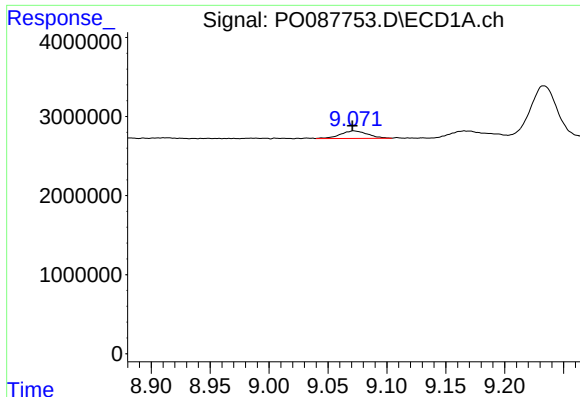
#42 AR-1268-2

R.T.: 8.833 min
Delta R.T.: -0.001 min
Response: 15020403
Conc: 55.82 ng/ml



#42 AR-1268-2

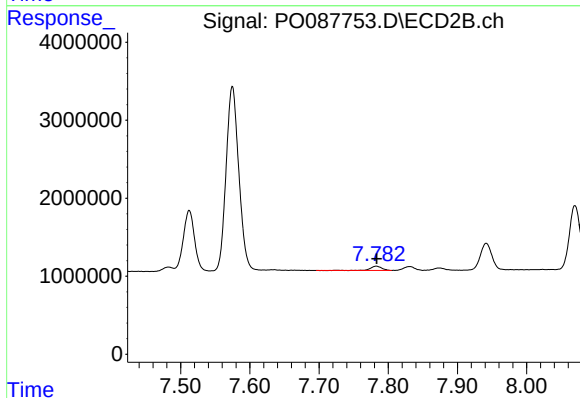
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 29965869
Conc: 291.90 ng/ml



#43 AR-1268-3

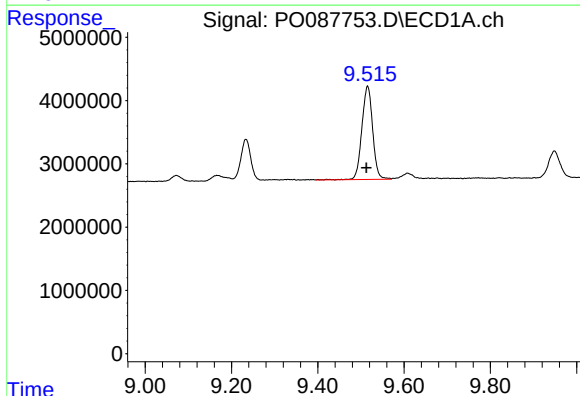
R.T.: 9.072 min
Delta R.T.: 0.001 min
Response: 1525674
Conc: 6.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



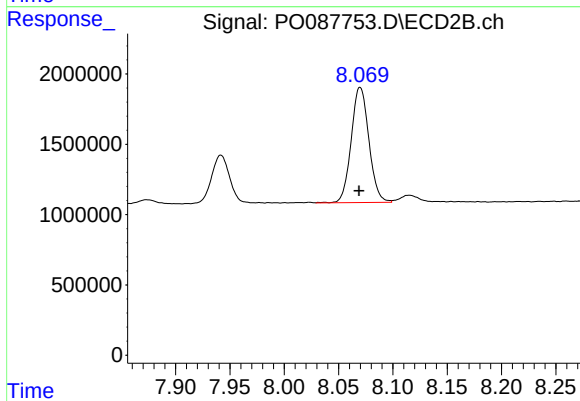
#43 AR-1268-3

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 625850
Conc: 7.39 ng/ml



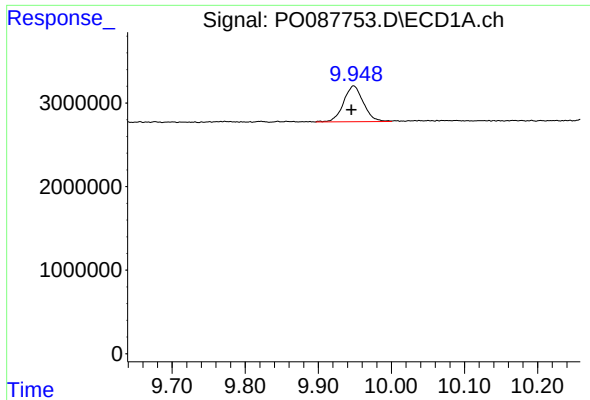
#44 AR-1268-4

R.T.: 9.515 min
Delta R.T.: 0.003 min
Response: 25711546
Conc: 251.51 ng/ml



#44 AR-1268-4

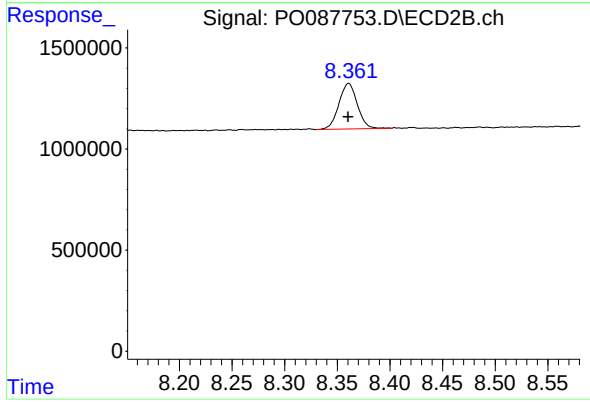
R.T.: 8.070 min
Delta R.T.: 0.001 min
Response: 9297593
Conc: 262.09 ng/ml



#45 AR-1268-5

R.T.: 9.948 min
Delta R.T.: 0.003 min
Response: 8092149
Conc: 10.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 2762892
Conc: 11.03 ng/ml