

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121622\
 Data File : PO091450.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2022 16:25
 Operator : YP/AJ
 Sample : N6089-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 20:52:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 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...	4.296	3.473	70458190	23618172	20.839	22.503
2) SA Decachlor...	10.046	8.476	44196401	18795529	16.639	19.359
Target Compounds						
3) L1 AR-1016-1	5.473	4.559	47003055	18397130	417.683	499.217
4) L1 AR-1016-2	5.495	4.577	66158226	25653072	406.931	497.835
5) L1 AR-1016-3	5.557	4.752	41266854	13933701	395.808	511.978 #
6) L1 AR-1016-4	5.656	4.796	32348182	11830397	399.200	511.795 #
7) L1 AR-1016-5	5.954	5.009	32905046	14708505	375.223	498.650 #
8) L2 AR-1221-1	4.502	3.686	6576253	1899829	160.974	144.141
9) L2 AR-1221-2	4.593	3.773	7210091	2711706	237.709	272.731
10) L2 AR-1221-3	4.670	3.848	28522438	10747772	310.024	346.060
11) L3 AR-1232-1	4.670	3.848	28522438	10747772	396.414	449.829
12) L3 AR-1232-2	5.203	4.577	36701339	25653072	847.151	1062.192 #
13) L3 AR-1232-3	5.495	4.752	66158226	13933701	885.405	1100.644
14) L3 AR-1232-4	5.656	4.838	32348182	14324031	863.163	1185.016 #
15) L3 AR-1232-5	5.749	5.009	28248333	14708505	944.646	1087.490
16) L4 AR-1242-1	5.473	4.559	47003055	18397130	526.602	633.583
17) L4 AR-1242-2	5.495	4.577	66158226	25653072	521.059	636.392
18) L4 AR-1242-3	5.557	4.752	41266854	13933701	495.042	666.279 #
19) L4 AR-1242-4	5.656	4.838	32348182	14324031	509.213	627.306
20) L4 AR-1242-5	6.399	5.362	4488110	11724337	65.682	415.534 #
21) L5 AR-1248-1	5.473	4.559	47003055	18397130	659.848	781.998
22) L5 AR-1248-2	5.749	4.796	28248333	11830397	266.471	361.345 #
23) L5 AR-1248-3	5.954	4.838	32905046	14324031	279.611	422.042 #
24) L5 AR-1248-4	6.360	5.009	4850537	14708505	39.665	368.613 #
25) L5 AR-1248-5	6.399	5.403	4488110	1794582	39.130	50.065 #
26) L6 AR-1254-1	6.334	5.362	24681330	11724337	196.521	200.051
27) L6 AR-1254-2	6.554	5.511	26887360	11140437	142.595	208.739 #
28) L6 AR-1254-3	6.923	5.931	13851207	19163969	73.898	235.223 #
29) L6 AR-1254-4	7.210	6.146	9291503	2049290	67.262	41.884 #
30) L6 AR-1254-5	7.633	6.565	90509004	37825139	589.909	507.417
31) L7 AR-1260-1	7.089	6.047	55561690	26215326	362.185	452.752 #
32) L7 AR-1260-2	7.348	6.238	65422965	29856728	374.824	437.230
33) L7 AR-1260-3	7.710	6.390	42056903	27380170	369.979	417.424
34) L7 AR-1260-4	7.936	6.864	51242416	20764249	378.148	434.762
35) L7 AR-1260-5	8.254	7.109	91506959	45021530	360.261	414.135
36) L8 AR-1262-1	7.710	6.604	42056903	21945173	230.183	291.969 #
37) L8 AR-1262-2	8.254	7.109	91506959	45021530	295.818	353.666
38) L8 AR-1262-3	8.573	7.393	59068224	9268568	273.966	175.882 #
39) L8 AR-1262-4	8.649	7.456	12636468	33768680	126.948	355.548 #
40) L8 AR-1262-5	9.300	7.954	22859184	10445786	198.035	229.034
41) L9 AR-1268-1	8.573	7.393	59068224	9268568	160.408	62.137 #

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 Operator : YP/AJ
 Sample : N6089-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

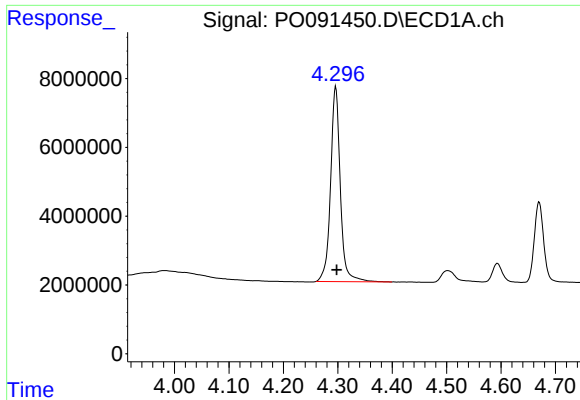
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 20:52:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.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	8.649	7.456	12636468	33768680	38.002	251.308 #
43) L9	AR-1268-3	8.878	7.664	2000637	996446	7.022	8.633
44) L9	AR-1268-4	9.300	7.954	22859184	10445786	185.180	211.737
45) L9	AR-1268-5	9.713	8.233	7709579	3322429	8.472	9.813

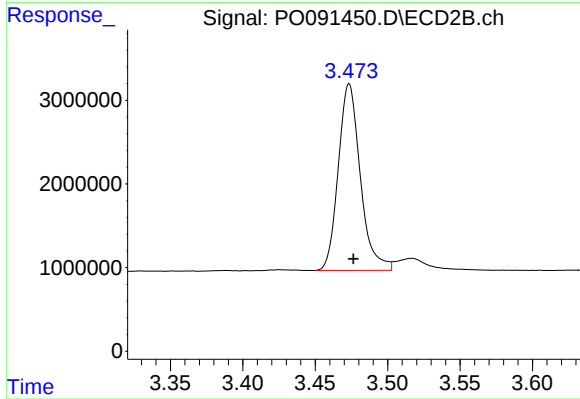
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

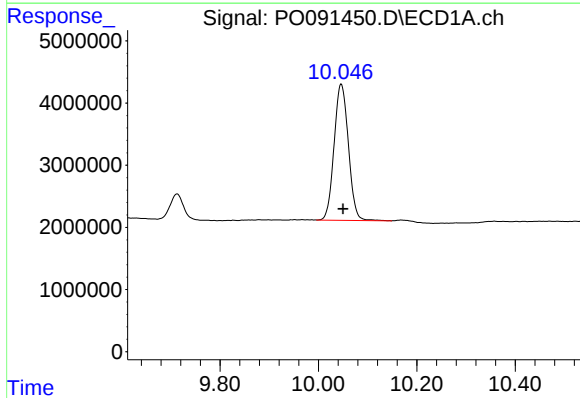
R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 70458190
Conc: 20.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



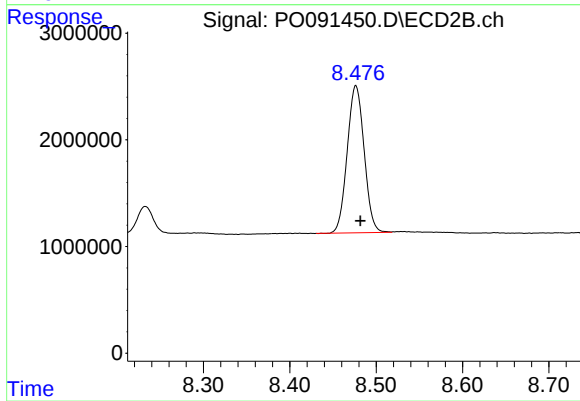
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 23618172
Conc: 22.50 ng/ml



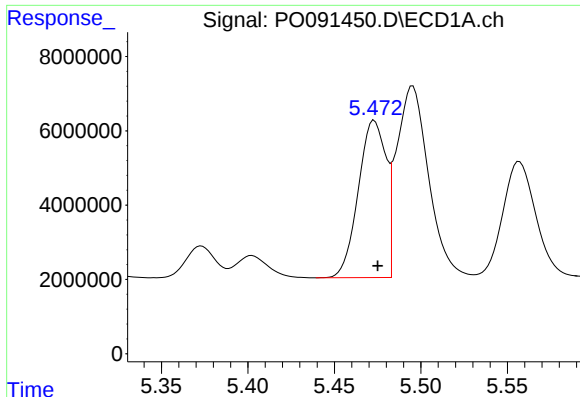
#2 Decachlorobiphenyl

R.T.: 10.046 min
Delta R.T.: -0.004 min
Response: 44196401
Conc: 16.64 ng/ml



#2 Decachlorobiphenyl

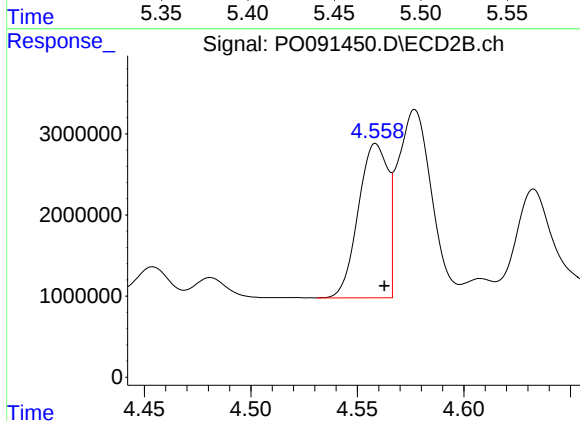
R.T.: 8.476 min
Delta R.T.: -0.005 min
Response: 18795529
Conc: 19.36 ng/ml



#3 AR-1016-1

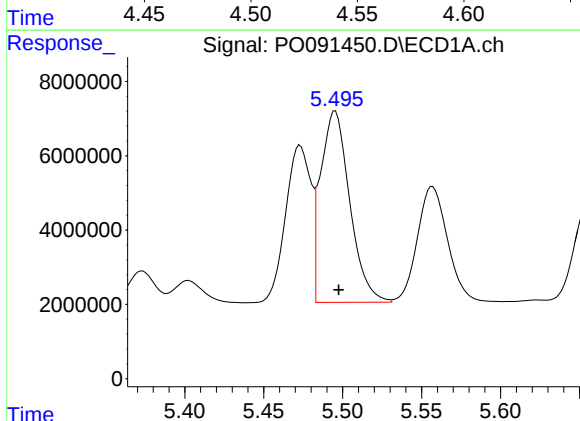
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 47003055
Conc: 417.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



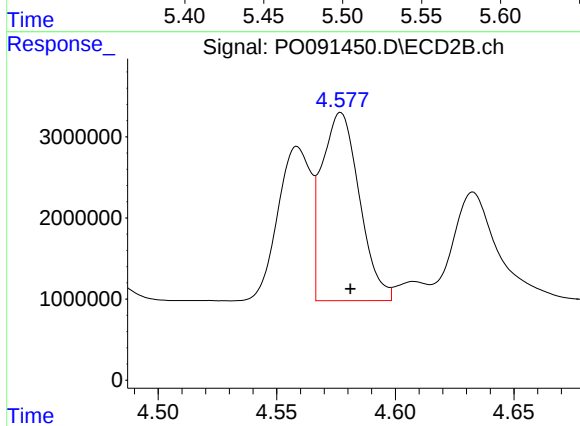
#3 AR-1016-1

R.T.: 4.559 min
Delta R.T.: -0.004 min
Response: 18397130
Conc: 499.22 ng/ml



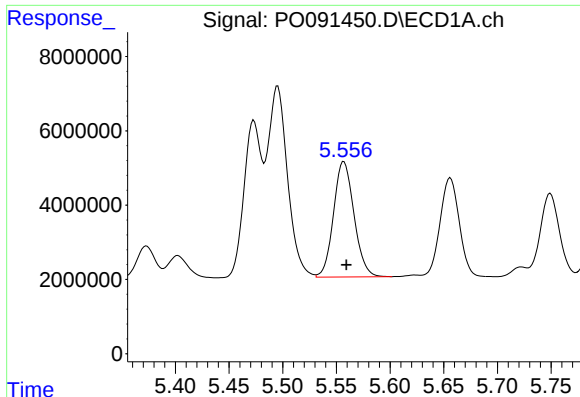
#4 AR-1016-2

R.T.: 5.495 min
Delta R.T.: -0.002 min
Response: 66158226
Conc: 406.93 ng/ml



#4 AR-1016-2

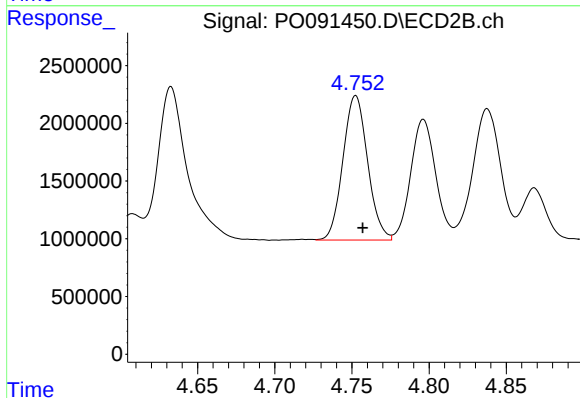
R.T.: 4.577 min
Delta R.T.: -0.004 min
Response: 25653072
Conc: 497.84 ng/ml



#5 AR-1016-3

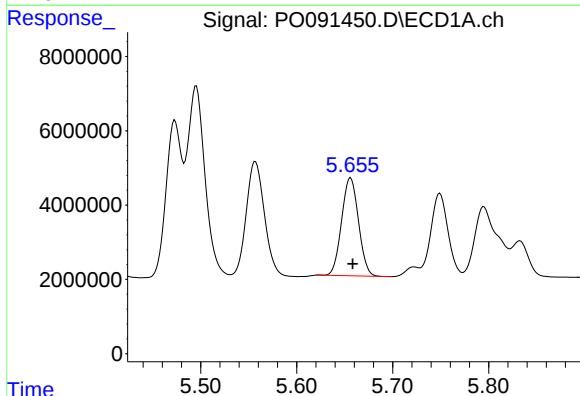
R.T.: 5.557 min
Delta R.T.: -0.002 min
Response: 41266854
Conc: 395.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



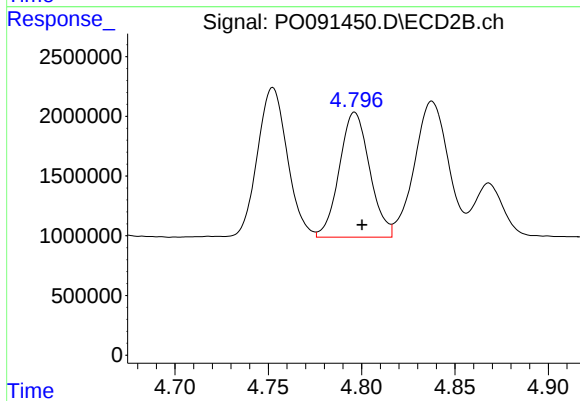
#5 AR-1016-3

R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 13933701
Conc: 511.98 ng/ml



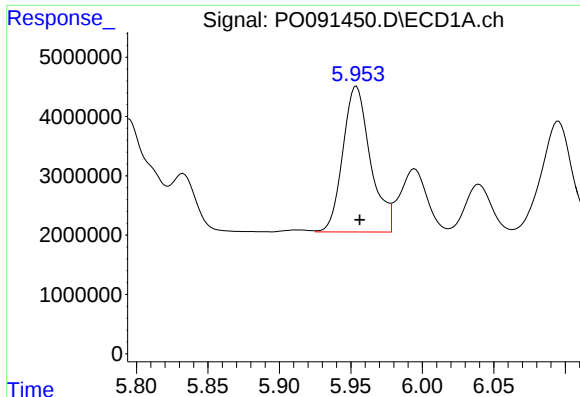
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 32348182
Conc: 399.20 ng/ml



#6 AR-1016-4

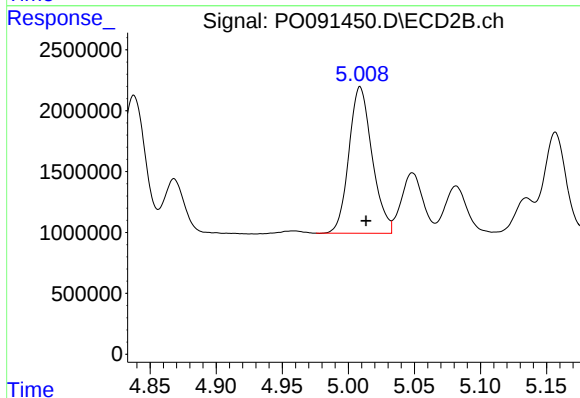
R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 11830397
Conc: 511.80 ng/ml



#7 AR-1016-5

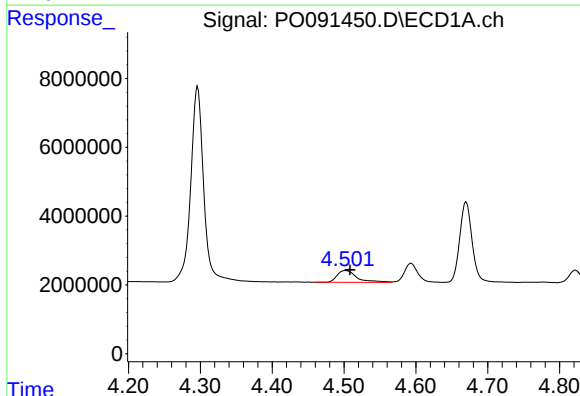
R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 32905046
Conc: 375.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



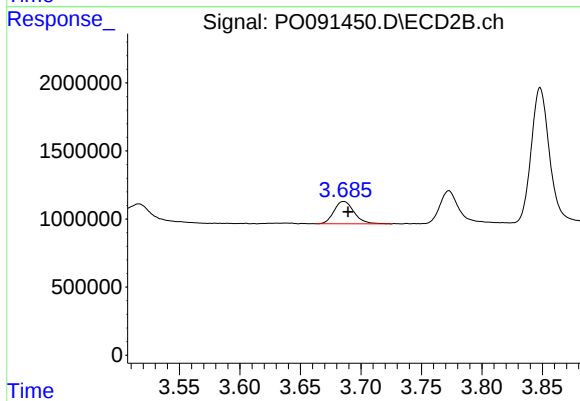
#7 AR-1016-5

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 14708505
Conc: 498.65 ng/ml



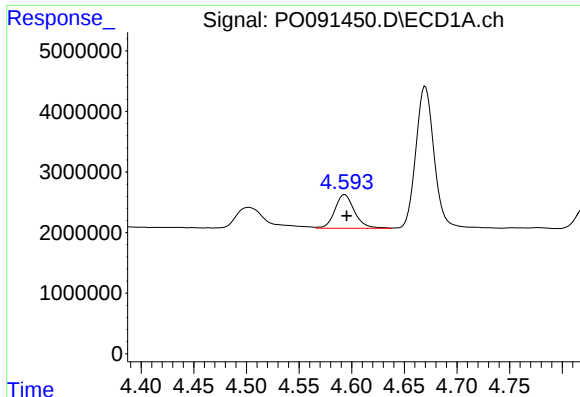
#8 AR-1221-1

R.T.: 4.502 min
Delta R.T.: -0.006 min
Response: 6576253
Conc: 160.97 ng/ml



#8 AR-1221-1

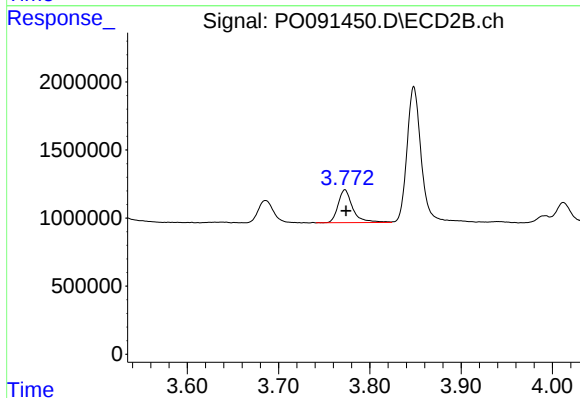
R.T.: 3.686 min
Delta R.T.: -0.004 min
Response: 1899829
Conc: 144.14 ng/ml



#9 AR-1221-2

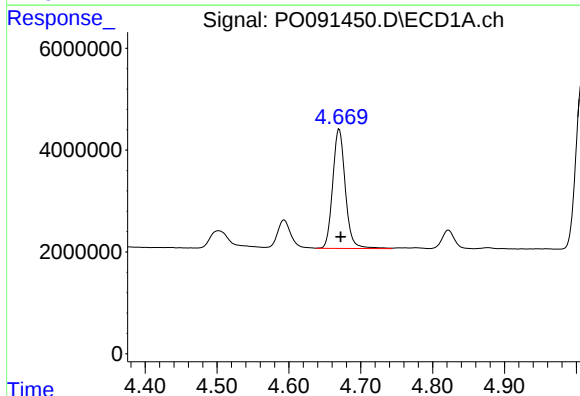
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 7210091
Conc: 237.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



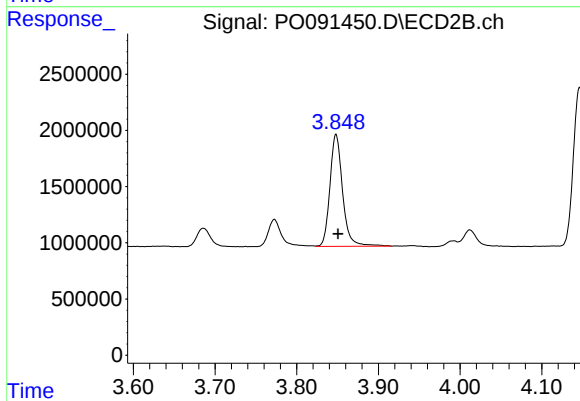
#9 AR-1221-2

R.T.: 3.773 min
Delta R.T.: -0.001 min
Response: 2711706
Conc: 272.73 ng/ml



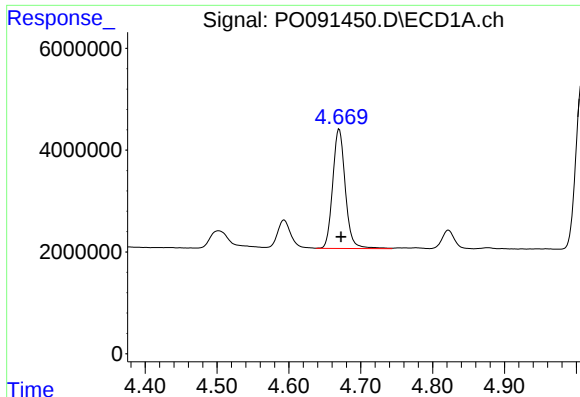
#10 AR-1221-3

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 28522438
Conc: 310.02 ng/ml



#10 AR-1221-3

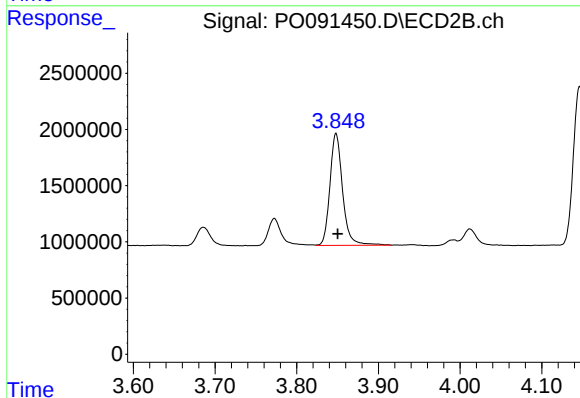
R.T.: 3.848 min
Delta R.T.: -0.002 min
Response: 10747772
Conc: 346.06 ng/ml



#11 AR-1232-1

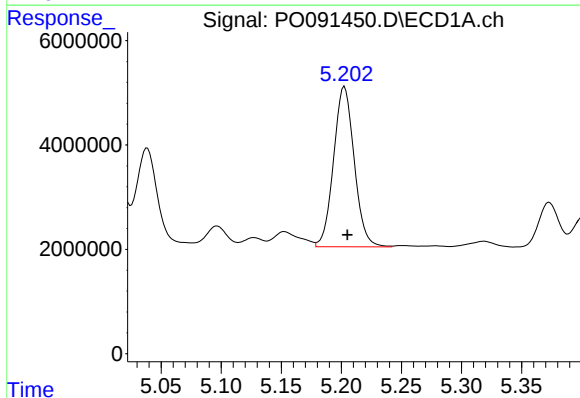
R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 28522438
Conc: 396.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



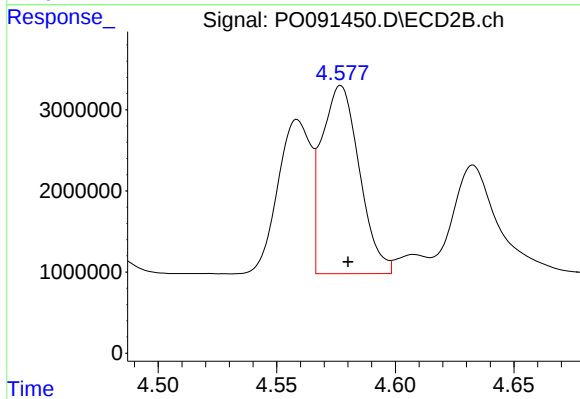
#11 AR-1232-1

R.T.: 3.848 min
Delta R.T.: -0.002 min
Response: 10747772
Conc: 449.83 ng/ml



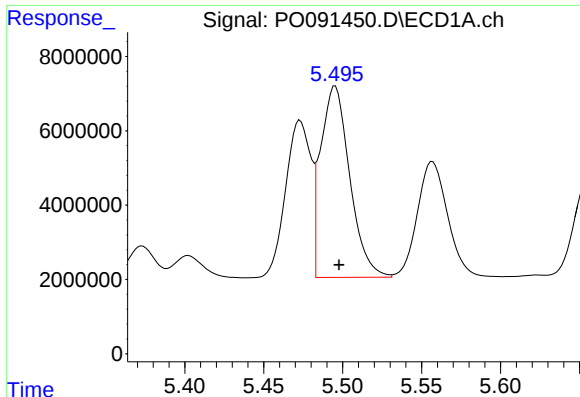
#12 AR-1232-2

R.T.: 5.203 min
Delta R.T.: -0.002 min
Response: 36701339
Conc: 847.15 ng/ml



#12 AR-1232-2

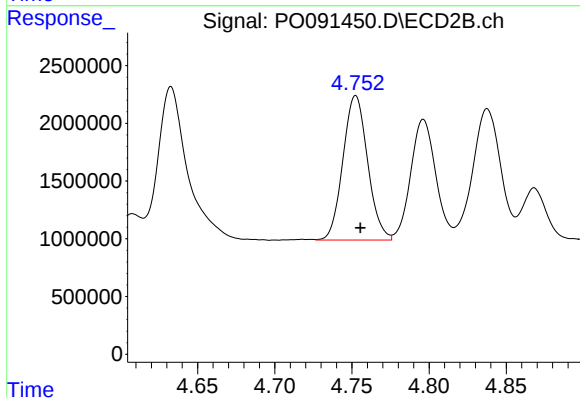
R.T.: 4.577 min
Delta R.T.: -0.003 min
Response: 25653072
Conc: 1062.19 ng/ml



#13 AR-1232-3

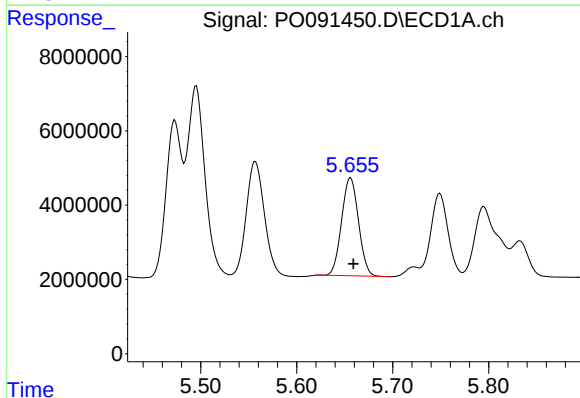
R.T.: 5.495 min
Delta R.T.: -0.002 min
Response: 66158226
Conc: 885.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



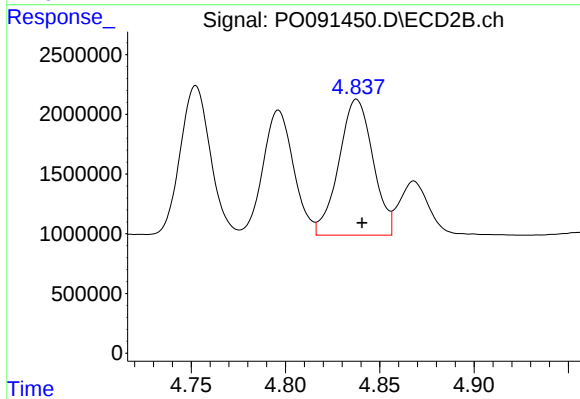
#13 AR-1232-3

R.T.: 4.752 min
Delta R.T.: -0.003 min
Response: 13933701
Conc: 1100.64 ng/ml



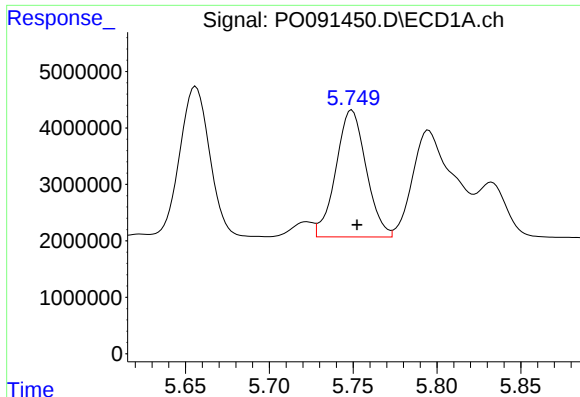
#14 AR-1232-4

R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 32348182
Conc: 863.16 ng/ml



#14 AR-1232-4

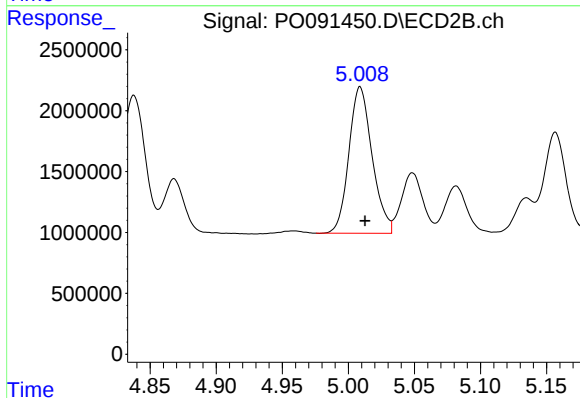
R.T.: 4.838 min
Delta R.T.: -0.003 min
Response: 14324031
Conc: 1185.02 ng/ml



#15 AR-1232-5

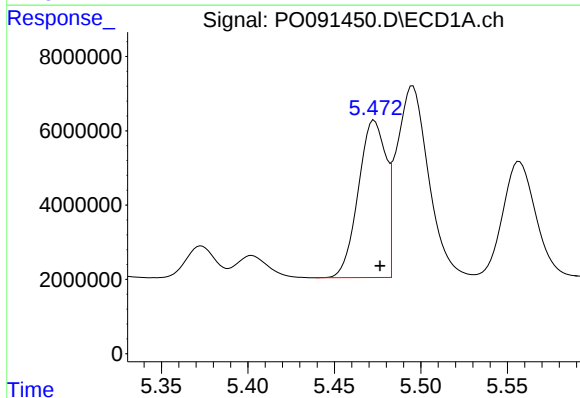
R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 28248333
Conc: 944.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



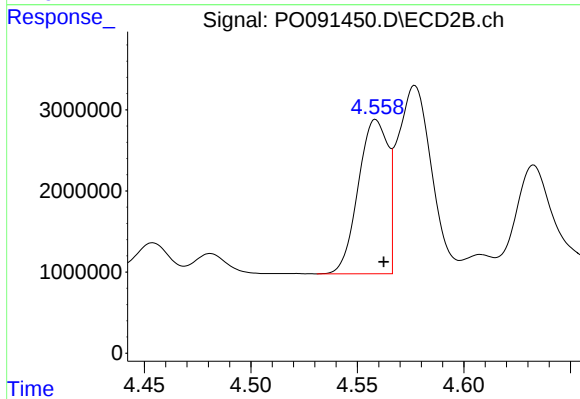
#15 AR-1232-5

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 14708505
Conc: 1087.49 ng/ml



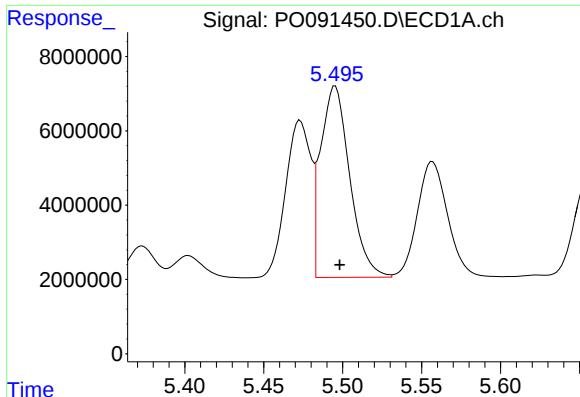
#16 AR-1242-1

R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 47003055
Conc: 526.60 ng/ml



#16 AR-1242-1

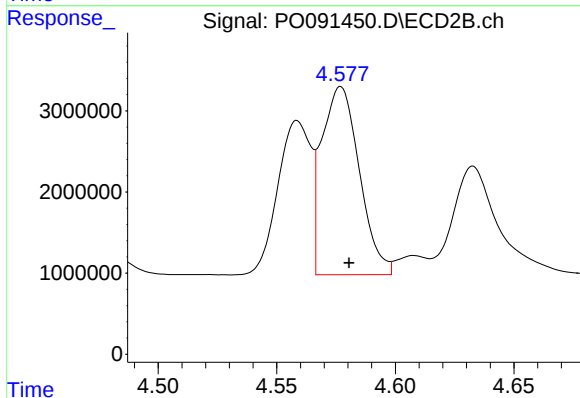
R.T.: 4.559 min
Delta R.T.: -0.004 min
Response: 18397130
Conc: 633.58 ng/ml



#17 AR-1242-2

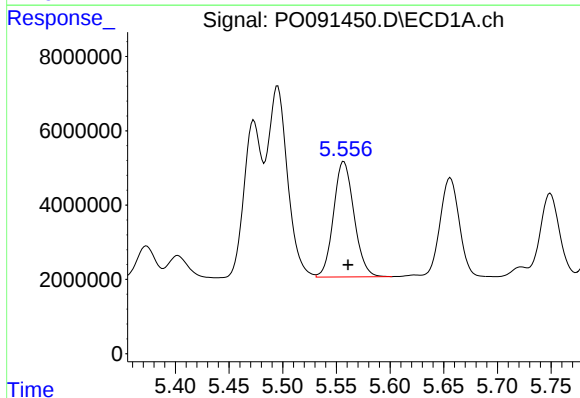
R.T.: 5.495 min
Delta R.T.: -0.003 min
Response: 66158226
Conc: 521.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



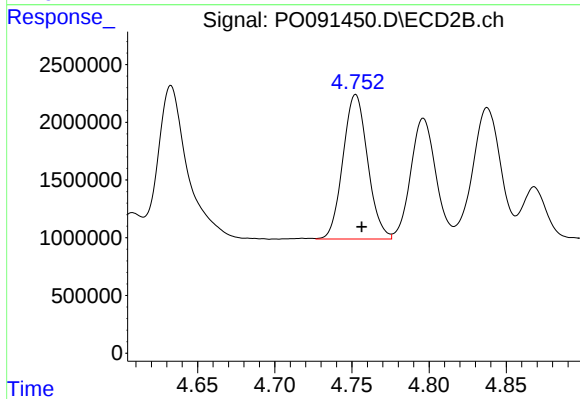
#17 AR-1242-2

R.T.: 4.577 min
Delta R.T.: -0.003 min
Response: 25653072
Conc: 636.39 ng/ml



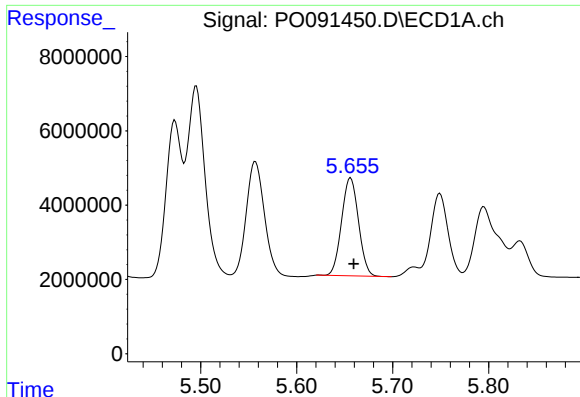
#18 AR-1242-3

R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 41266854
Conc: 495.04 ng/ml



#18 AR-1242-3

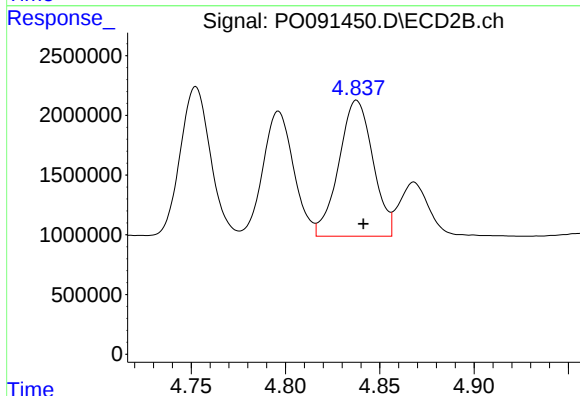
R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 13933701
Conc: 666.28 ng/ml



#19 AR-1242-4

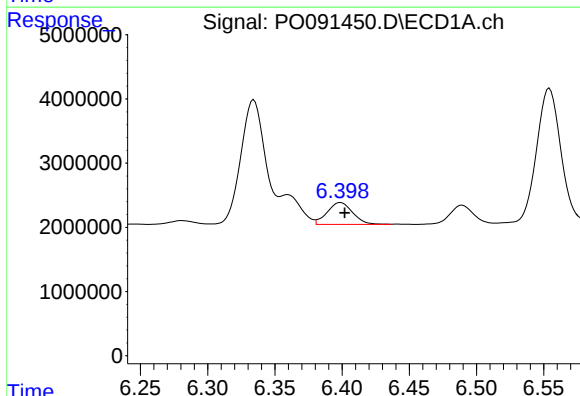
R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 32348182
Conc: 509.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



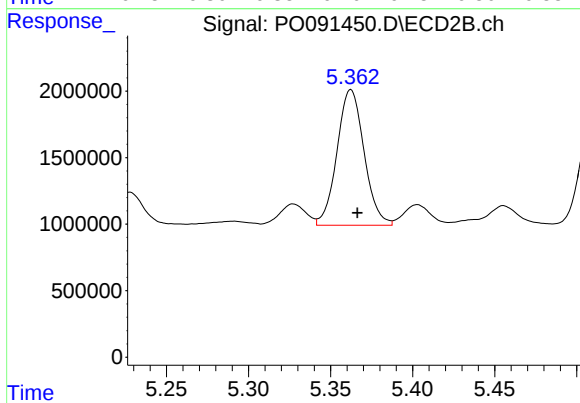
#19 AR-1242-4

R.T.: 4.838 min
Delta R.T.: -0.004 min
Response: 14324031
Conc: 627.31 ng/ml



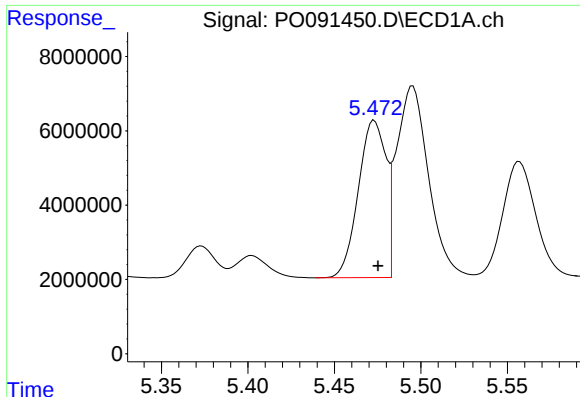
#20 AR-1242-5

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 4488110
Conc: 65.68 ng/ml



#20 AR-1242-5

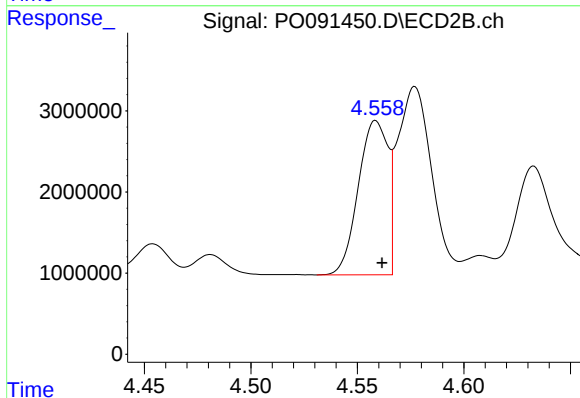
R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 11724337
Conc: 415.53 ng/ml



#21 AR-1248-1

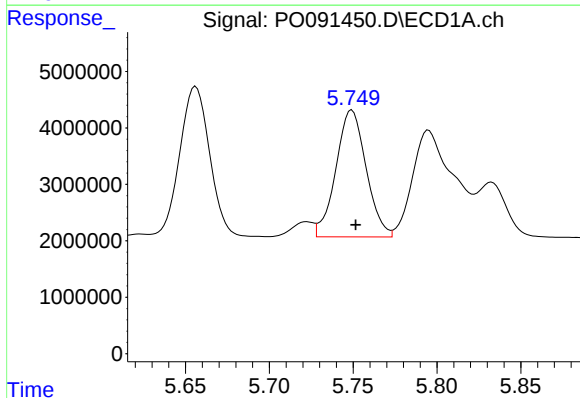
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 47003055
Conc: 659.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



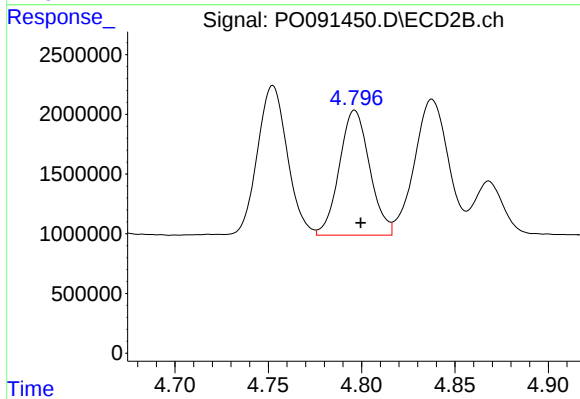
#21 AR-1248-1

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 18397130
Conc: 782.00 ng/ml



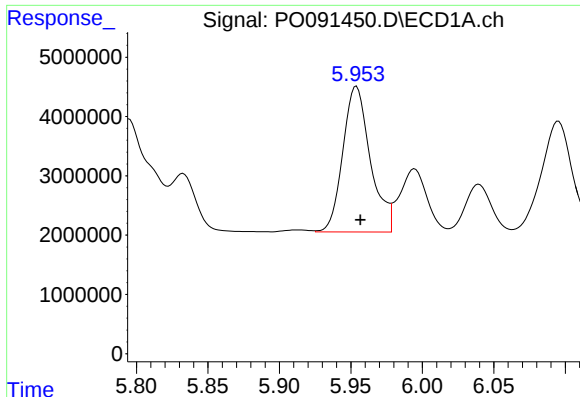
#22 AR-1248-2

R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 28248333
Conc: 266.47 ng/ml



#22 AR-1248-2

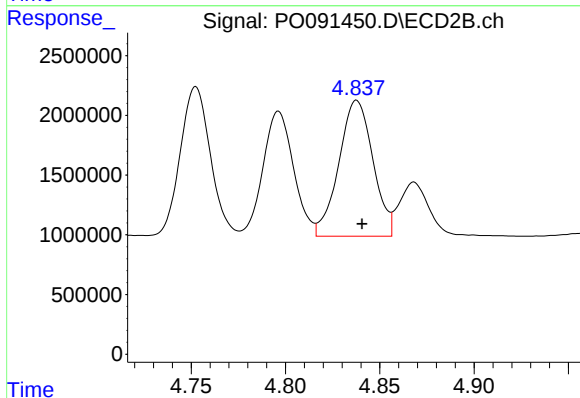
R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 11830397
Conc: 361.34 ng/ml



#23 AR-1248-3

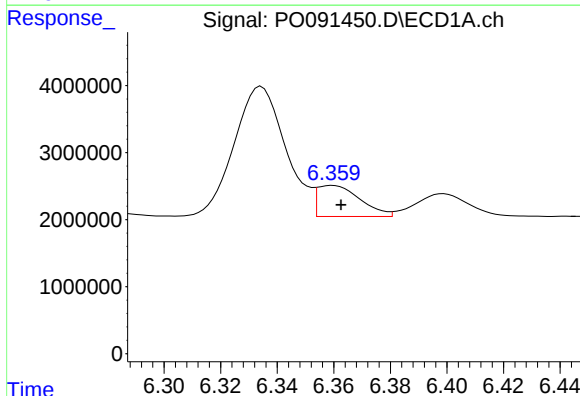
R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 32905046
Conc: 279.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



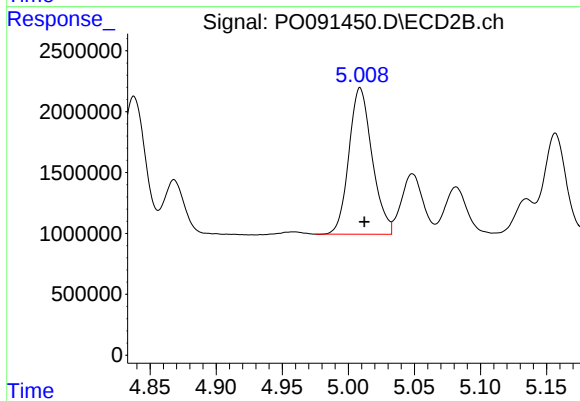
#23 AR-1248-3

R.T.: 4.838 min
Delta R.T.: -0.003 min
Response: 14324031
Conc: 422.04 ng/ml



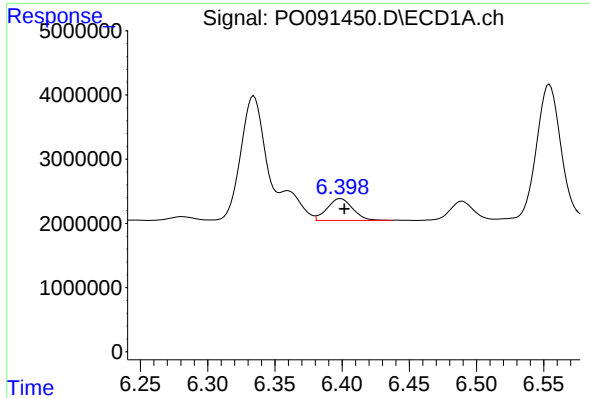
#24 AR-1248-4

R.T.: 6.360 min
Delta R.T.: -0.003 min
Response: 4850537
Conc: 39.66 ng/ml



#24 AR-1248-4

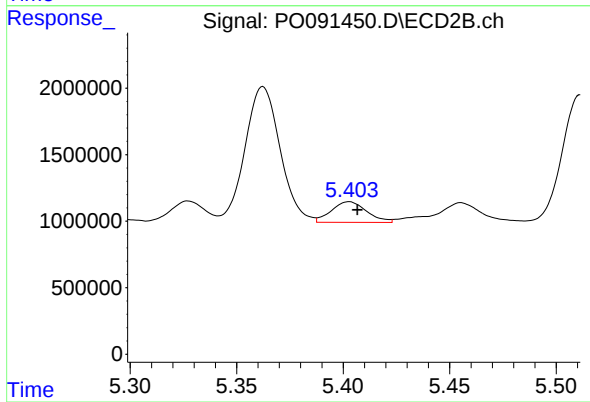
R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 14708505
Conc: 368.61 ng/ml



#25 AR-1248-5

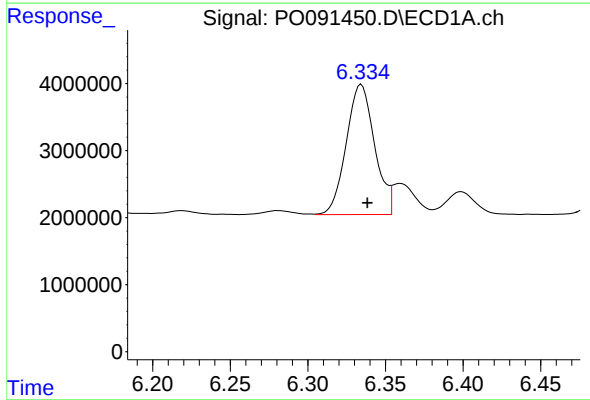
R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 4488110
Conc: 39.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



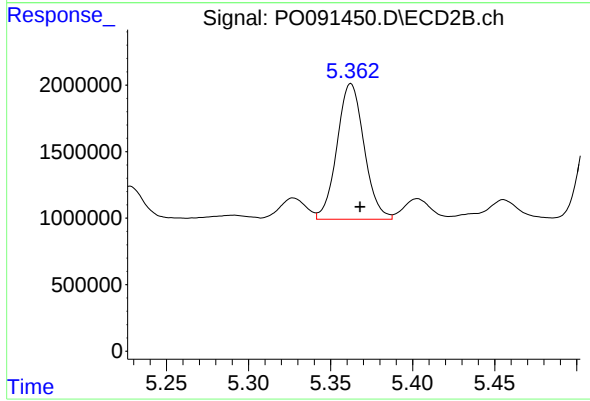
#25 AR-1248-5

R.T.: 5.403 min
Delta R.T.: -0.004 min
Response: 1794582
Conc: 50.06 ng/ml



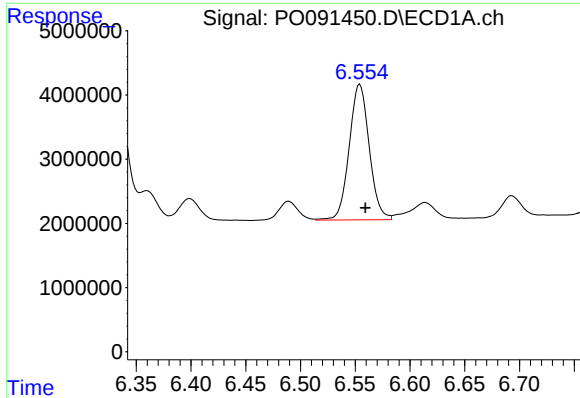
#26 AR-1254-1

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 24681330
Conc: 196.52 ng/ml



#26 AR-1254-1

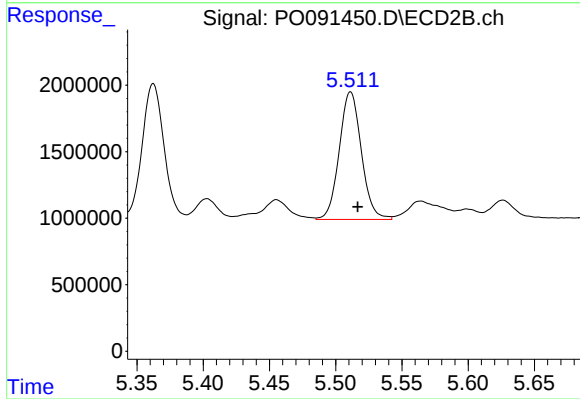
R.T.: 5.362 min
Delta R.T.: -0.006 min
Response: 11724337
Conc: 200.05 ng/ml



#27 AR-1254-2

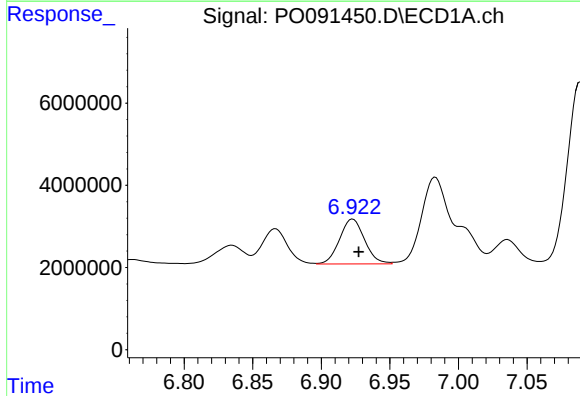
R.T.: 6.554 min
Delta R.T.: -0.005 min
Response: 26887360
Conc: 142.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



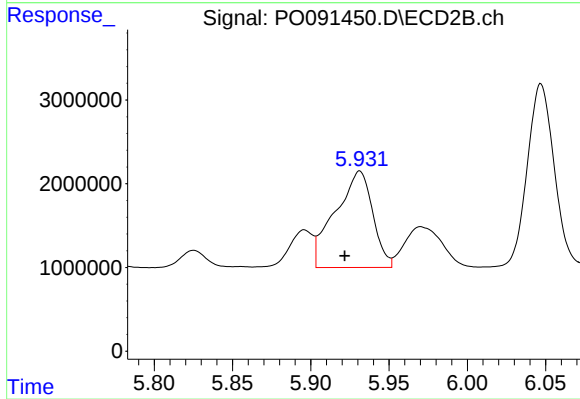
#27 AR-1254-2

R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 11140437
Conc: 208.74 ng/ml



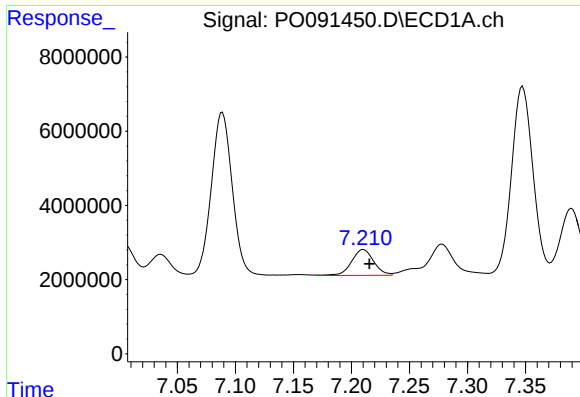
#28 AR-1254-3

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 13851207
Conc: 73.90 ng/ml



#28 AR-1254-3

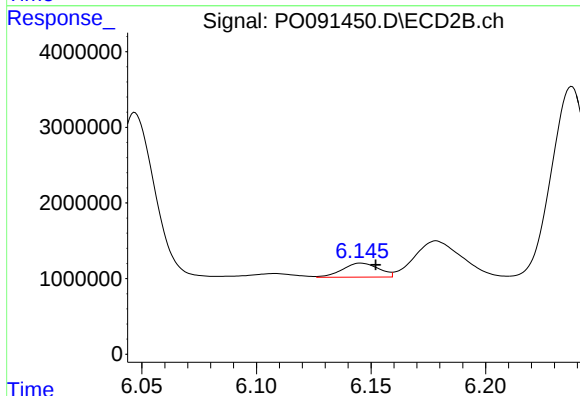
R.T.: 5.931 min
Delta R.T.: 0.010 min
Response: 19163969
Conc: 235.22 ng/ml



#29 AR-1254-4

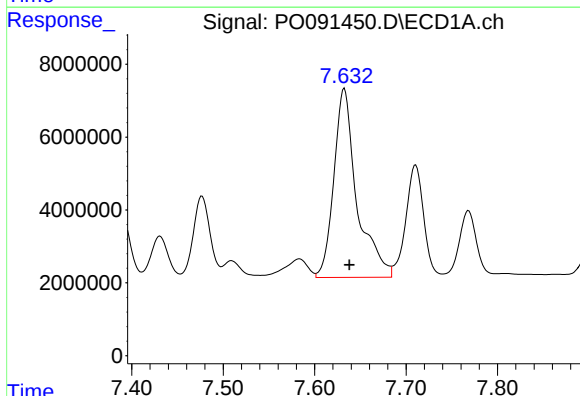
R.T.: 7.210 min
Delta R.T.: -0.005 min
Response: 9291503
Conc: 67.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



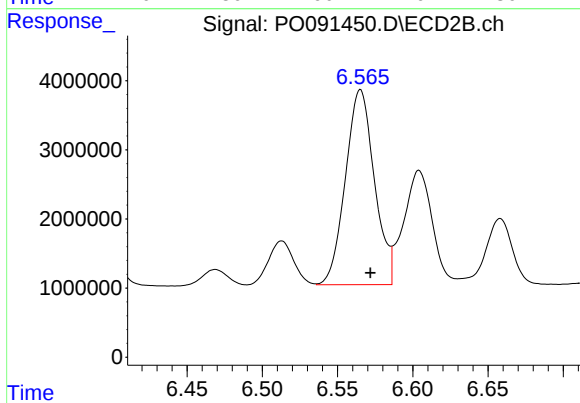
#29 AR-1254-4

R.T.: 6.146 min
Delta R.T.: -0.006 min
Response: 2049290
Conc: 41.88 ng/ml



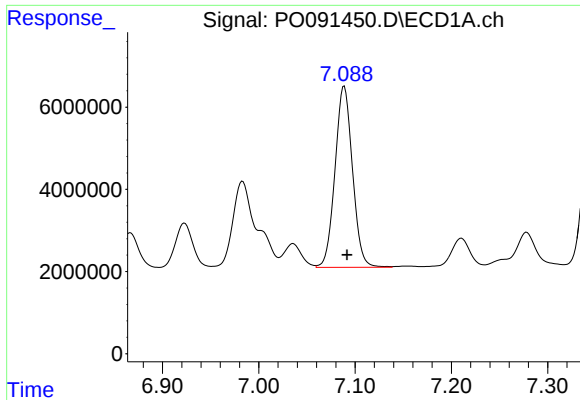
#30 AR-1254-5

R.T.: 7.633 min
Delta R.T.: -0.005 min
Response: 90509004
Conc: 589.91 ng/ml



#30 AR-1254-5

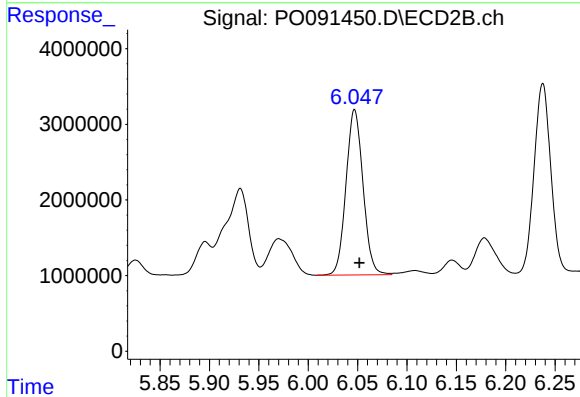
R.T.: 6.565 min
Delta R.T.: -0.007 min
Response: 37825139
Conc: 507.42 ng/ml



#31 AR-1260-1

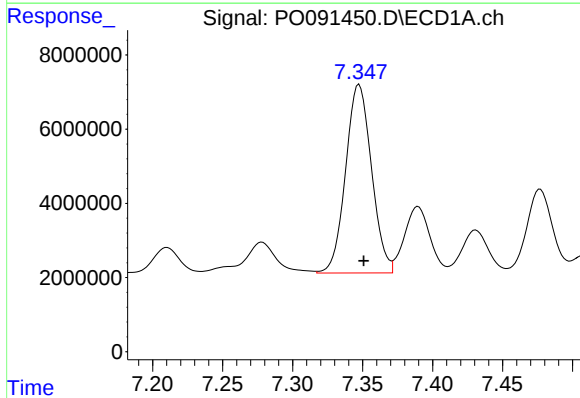
R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 55561690
Conc: 362.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



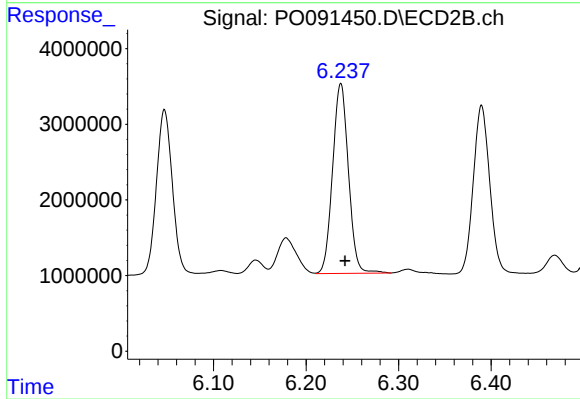
#31 AR-1260-1

R.T.: 6.047 min
Delta R.T.: -0.005 min
Response: 26215326
Conc: 452.75 ng/ml



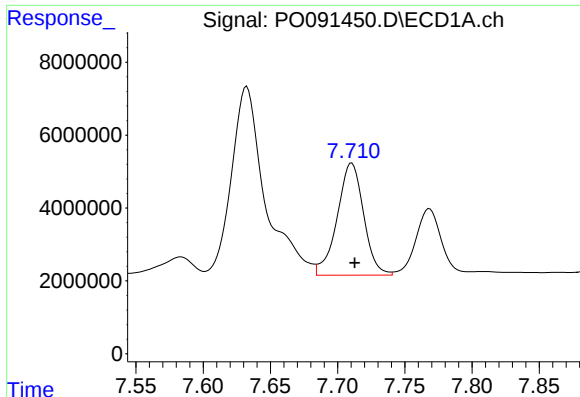
#32 AR-1260-2

R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 65422965
Conc: 374.82 ng/ml



#32 AR-1260-2

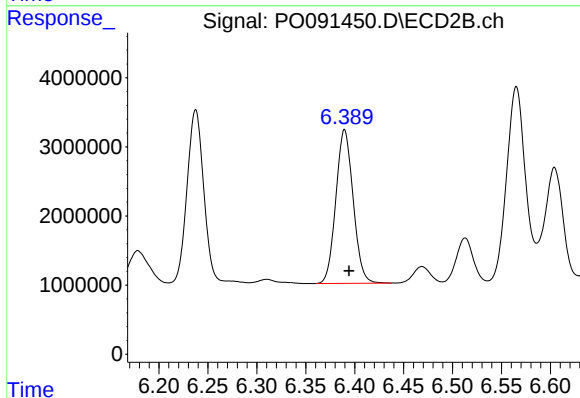
R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 29856728
Conc: 437.23 ng/ml



#33 AR-1260-3

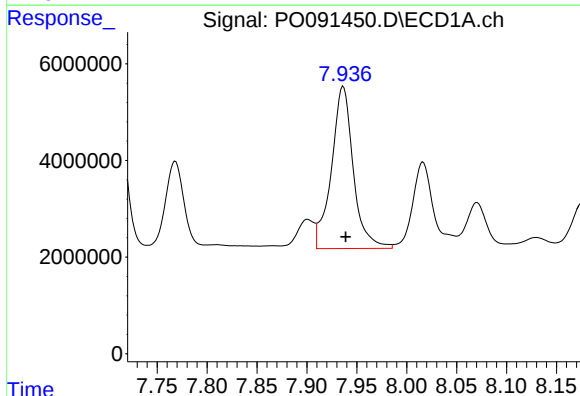
R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 42056903
Conc: 369.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



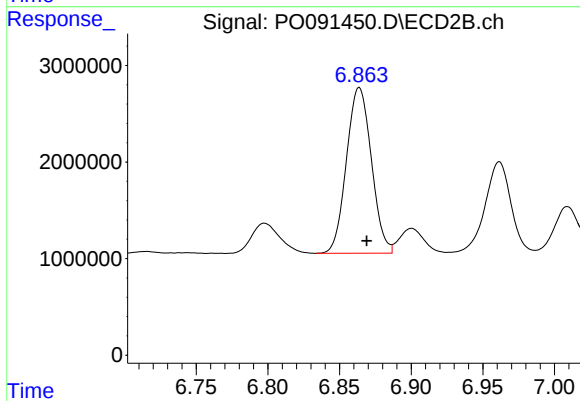
#33 AR-1260-3

R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 27380170
Conc: 417.42 ng/ml



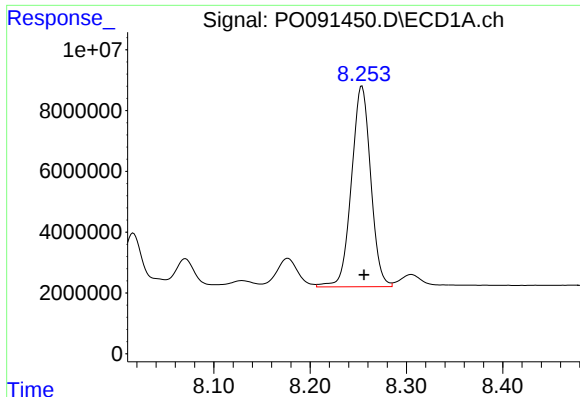
#34 AR-1260-4

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 51242416
Conc: 378.15 ng/ml



#34 AR-1260-4

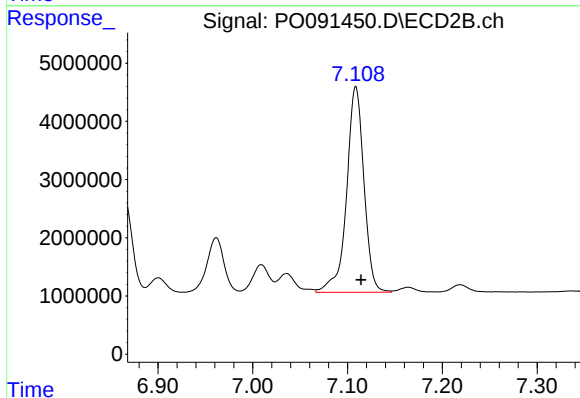
R.T.: 6.864 min
Delta R.T.: -0.005 min
Response: 20764249
Conc: 434.76 ng/ml



#35 AR-1260-5

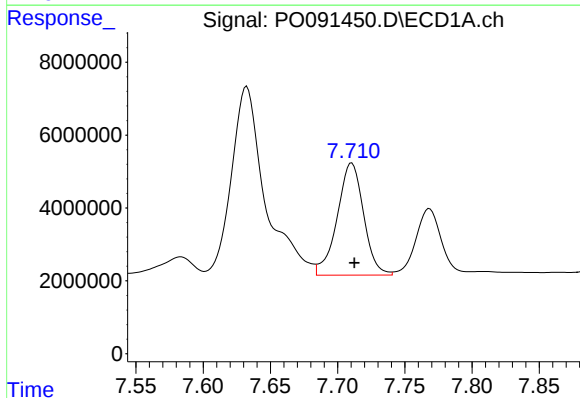
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 91506959
Conc: 360.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



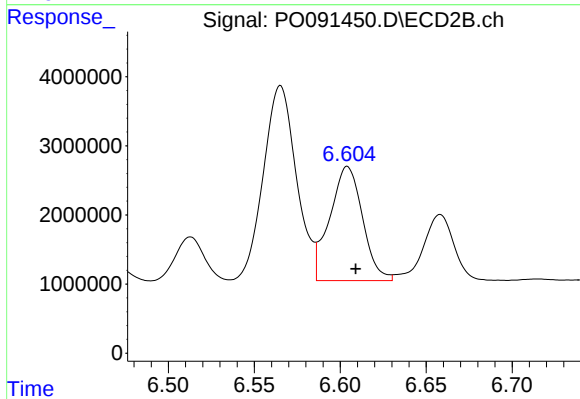
#35 AR-1260-5

R.T.: 7.109 min
Delta R.T.: -0.005 min
Response: 45021530
Conc: 414.13 ng/ml



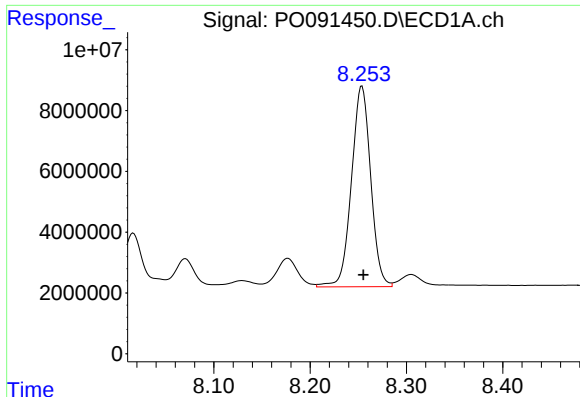
#36 AR-1262-1

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 42056903
Conc: 230.18 ng/ml



#36 AR-1262-1

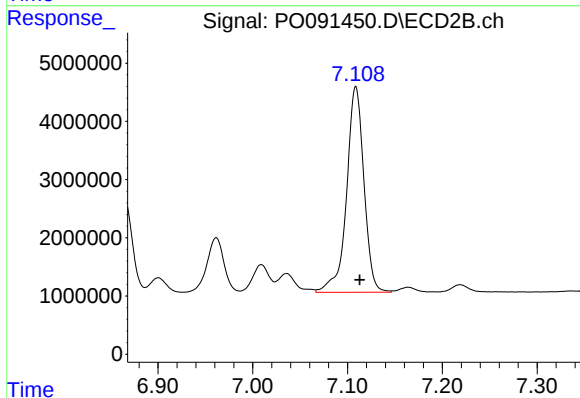
R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 21945173
Conc: 291.97 ng/ml



#37 AR-1262-2

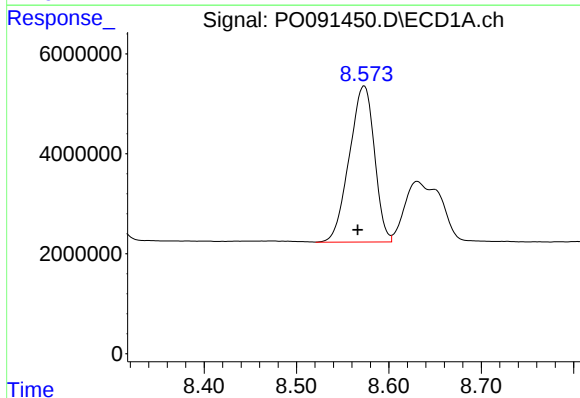
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 91506959
Conc: 295.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



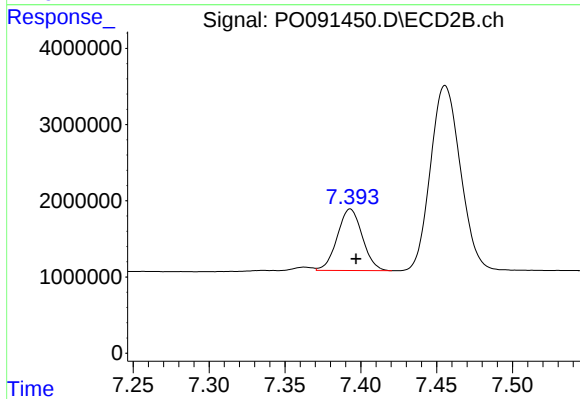
#37 AR-1262-2

R.T.: 7.109 min
Delta R.T.: -0.004 min
Response: 45021530
Conc: 353.67 ng/ml



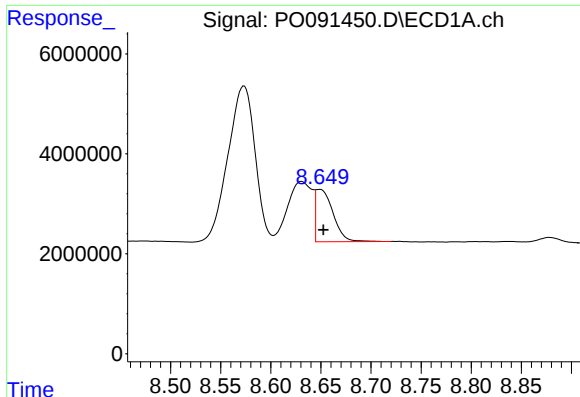
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 59068224
Conc: 273.97 ng/ml



#38 AR-1262-3

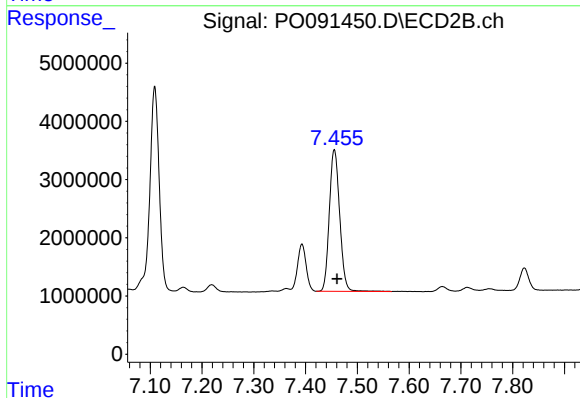
R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 9268568
Conc: 175.88 ng/ml



#39 AR-1262-4

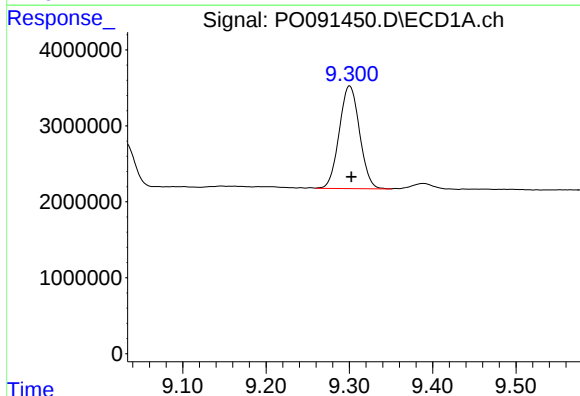
R.T.: 8.649 min
Delta R.T.: -0.003 min
Response: 12636468
Conc: 126.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



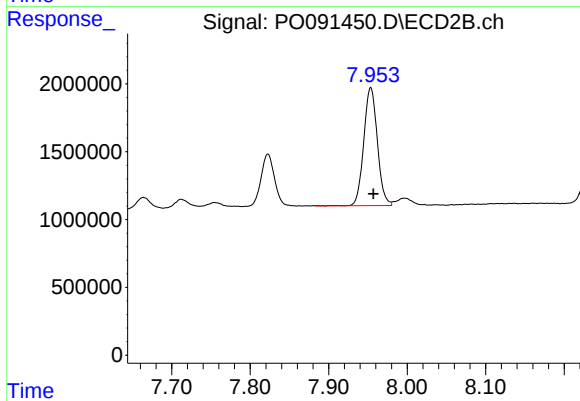
#39 AR-1262-4

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 33768680
Conc: 355.55 ng/ml



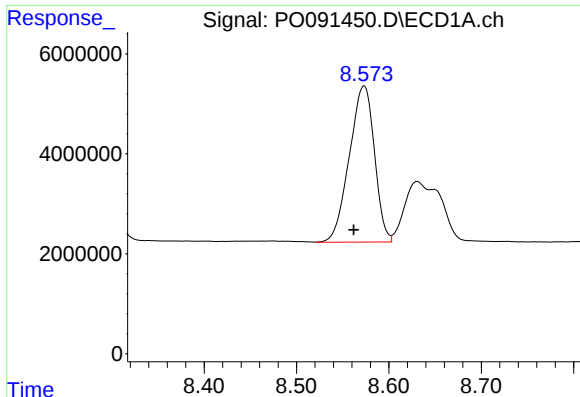
#40 AR-1262-5

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 22859184
Conc: 198.03 ng/ml



#40 AR-1262-5

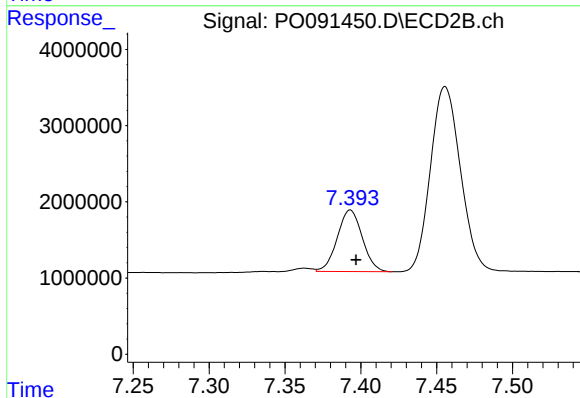
R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 10445786
Conc: 229.03 ng/ml



#41 AR-1268-1

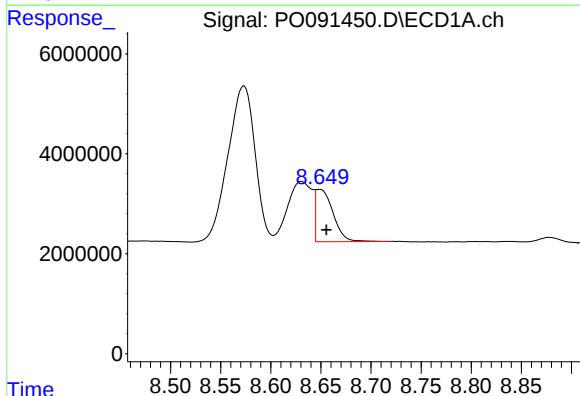
R.T.: 8.573 min
Delta R.T.: 0.011 min
Response: 59068224
Conc: 160.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



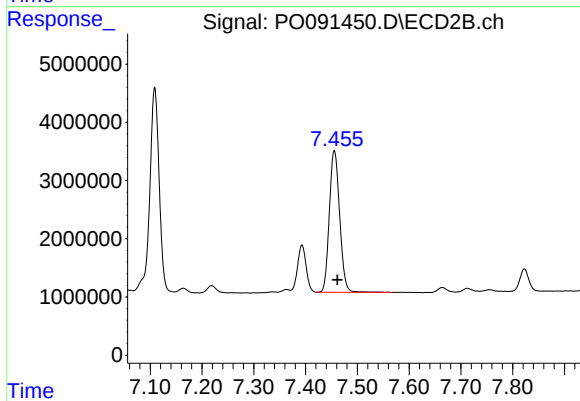
#41 AR-1268-1

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 9268568
Conc: 62.14 ng/ml



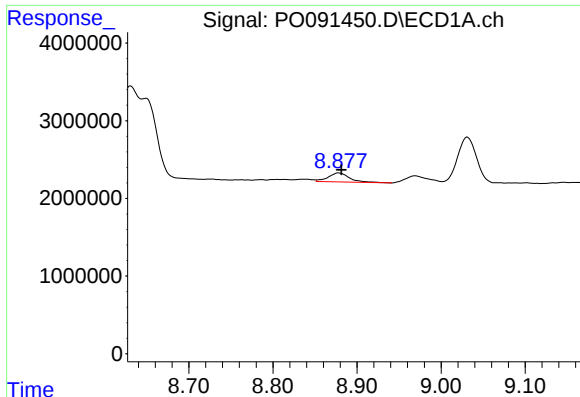
#42 AR-1268-2

R.T.: 8.649 min
Delta R.T.: -0.006 min
Response: 12636468
Conc: 38.00 ng/ml



#42 AR-1268-2

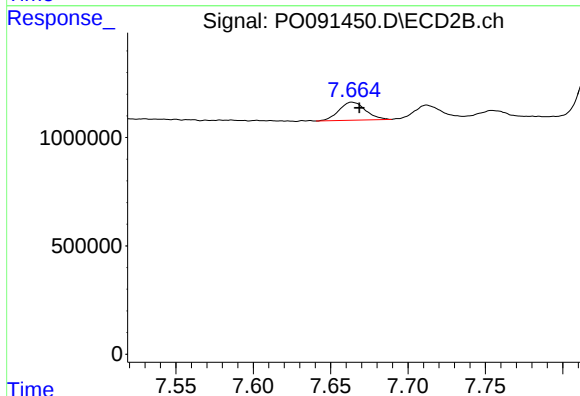
R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 33768680
Conc: 251.31 ng/ml



#43 AR-1268-3

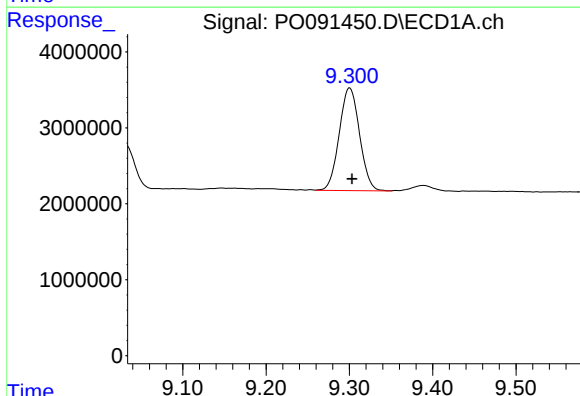
R.T.: 8.878 min
Delta R.T.: -0.003 min
Response: 2000637
Conc: 7.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



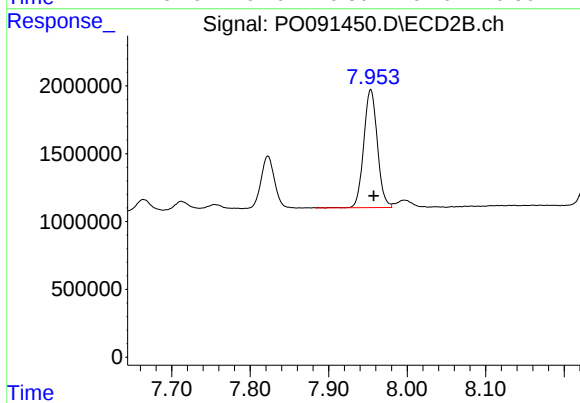
#43 AR-1268-3

R.T.: 7.664 min
Delta R.T.: -0.005 min
Response: 996446
Conc: 8.63 ng/ml



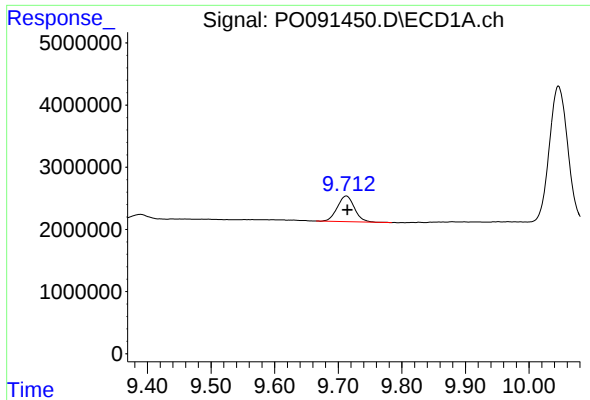
#44 AR-1268-4

R.T.: 9.300 min
Delta R.T.: -0.003 min
Response: 22859184
Conc: 185.18 ng/ml



#44 AR-1268-4

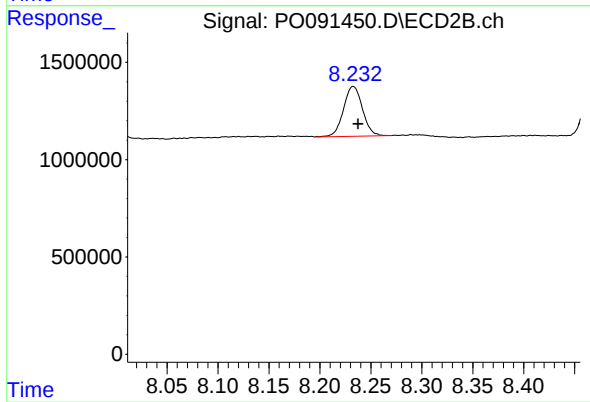
R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 10445786
Conc: 211.74 ng/ml



#45 AR-1268-5

R.T.: 9.713 min
Delta R.T.: -0.002 min
Response: 7709579
Conc: 8.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 3322429
Conc: 9.81 ng/ml