

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042123\
 Data File : P0094498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 15:11
 Operator : YP/AJ
 Sample : PB152286BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:59:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.417	3.619	69024738	24979310	21.456	19.338
2)	SA Decachlor...	10.254	8.634	53157893	24371572	24.870	24.469
Target Compounds							
3)	L1 AR-1016-1	5.594	4.701	44899007	17505068	493.362	475.573
4)	L1 AR-1016-2	5.617	4.718	67496509	26199047	480.913	461.606
5)	L1 AR-1016-3	5.679	4.895	43150380	14006715	477.881	473.742
6)	L1 AR-1016-4	5.778	4.937	33009120	12940442	483.447	472.548
7)	L1 AR-1016-5	6.077	5.150	35555473	15793749	465.251	452.072
8)	L2 AR-1221-1	4.622	3.831	5068292	1807916	123.403	108.975
9)	L2 AR-1221-2	4.713	3.917	6334620	2457584	209.230	199.021
10)	L2 AR-1221-3	4.790	3.992	27313546	10931698	291.267	286.918
11)	L3 AR-1232-1	4.790	3.992	27313546	10931698	344.177	330.877
12)	L3 AR-1232-2	5.324	4.718	37975320	26199047	966.389	933.787
13)	L3 AR-1232-3	5.617	4.895	67496509	14006715	1008.134	992.077
14)	L3 AR-1232-4	5.778	4.979	33009120	15618958	1029.371	1037.756
15)	L3 AR-1232-5	5.871	5.150	30508709	15793749	1011.145	973.078
16)	L4 AR-1242-1	5.594	4.701	44899007	17505068	567.964	549.904
17)	L4 AR-1242-2	5.617	4.718	67496509	26199047	556.134	548.493
18)	L4 AR-1242-3	5.679	4.895	43150380	14006715	550.606	553.434
19)	L4 AR-1242-4	5.778	4.979	33009120	15618958	566.116	537.578
20)	L4 AR-1242-5	6.524	5.502	4849060	12730010	81.101	432.955 #
21)	L5 AR-1248-1	5.594	4.701	44899007	17505068	744.664	710.376
22)	L5 AR-1248-2	5.871	4.937	30508709	12940442	295.624	315.427
23)	L5 AR-1248-3	6.077	4.979	35555473	15618958	323.624	367.311
24)	L5 AR-1248-4	6.483	5.150	4331250	15793749	44.226	326.061 #
25)	L5 AR-1248-5	6.524	5.542	4849060	1619904	46.201	42.265
26)	L6 AR-1254-1	6.458	5.502	27397913	12730010	221.565	182.133
27)	L6 AR-1254-2	6.679	5.650	28449872	12293204	157.144	196.329
28)	L6 AR-1254-3	7.049	6.069	13726957	21120708	80.466	228.456 #
29)	L6 AR-1254-4	7.337	6.283	8220159	1654364	87.226	39.045 #
30)	L6 AR-1254-5	7.761	6.702	79864656	37074548	668.949	494.659 #
31)	L7 AR-1260-1	7.215	6.185	63320137	30012241	473.727	447.086
32)	L7 AR-1260-2	7.475	6.374	69105332	34092942	493.660	458.638
33)	L7 AR-1260-3	7.839	6.527	48805209	32110705	427.983	449.606
34)	L7 AR-1260-4	8.067	7.000	55448316	23874467	463.275	406.007
35)	L7 AR-1260-5	8.395	7.245	94491767	50086881	458.214	440.656
36)	L8 AR-1262-1	7.839	6.795	48805209	13960269	303.868	382.732 #
37)	L8 AR-1262-2	8.395	7.000	94491767	23874467	432.417	325.295
38)	L8 AR-1262-3	8.727	7.528	61816483	11165070	394.294	208.210 #
39)	L8 AR-1262-4	8.784	7.592	39747895	37406903	431.472	400.341
40)	L8 AR-1262-5	9.480	8.089	22842317	11606454	312.399	307.897
41)	L9 AR-1268-1	8.727	7.528	61816483	11165070	194.916	67.164 #

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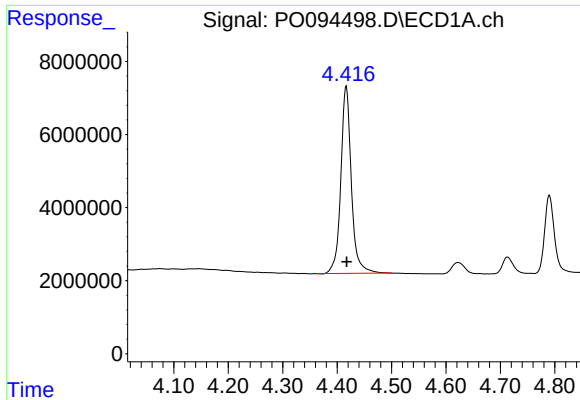
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:59:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.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	8.784	7.592	39747895	37406903	140.896	242.979 #
43) L9	AR-1268-3	9.041	7.799	1246091	946700	4.727	6.898 #
44) L9	AR-1268-4	9.480	8.089	22842317	11606454	270.779	256.094
45) L9	AR-1268-5	9.907	8.381	8220712	4230263	10.276	11.341

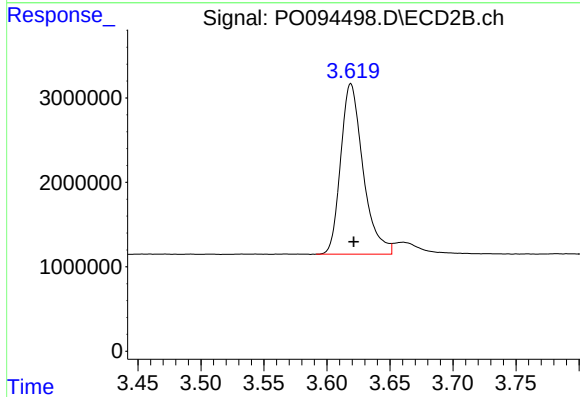
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

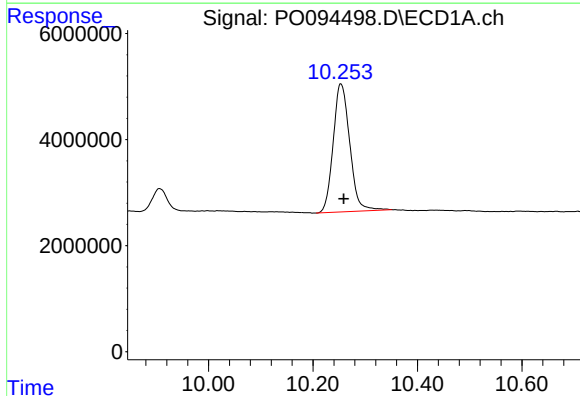
R.T.: 4.417 min
Delta R.T.: -0.001 min
Response: 69024738
Conc: 21.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



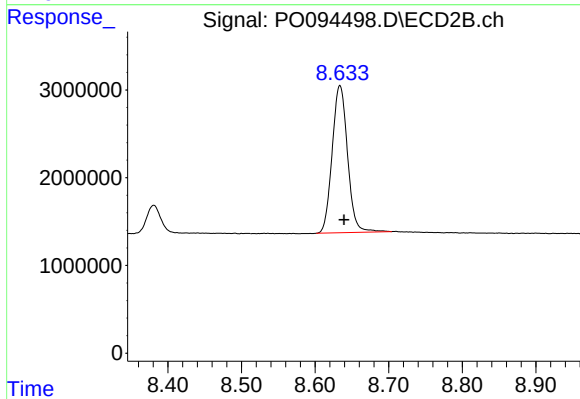
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 24979310
Conc: 19.34 ng/ml



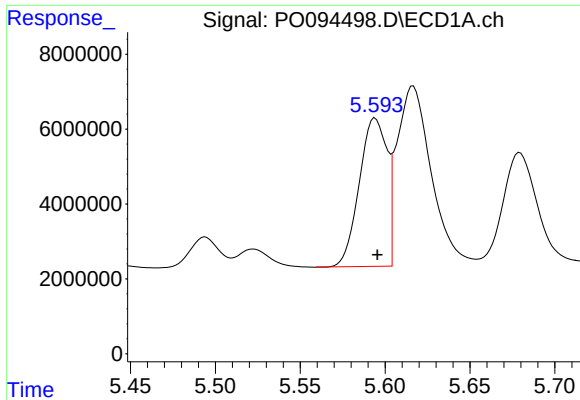
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.005 min
Response: 53157893
Conc: 24.87 ng/ml



#2 Decachlorobiphenyl

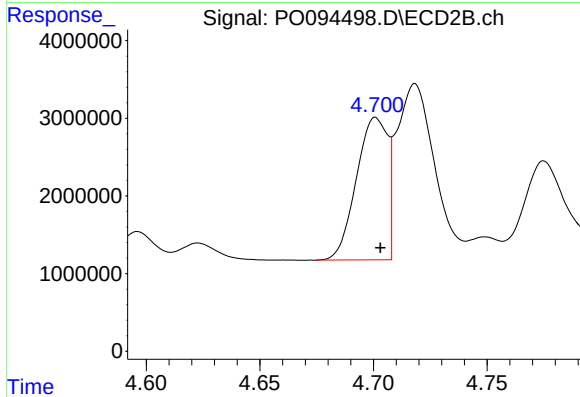
R.T.: 8.634 min
Delta R.T.: -0.006 min
Response: 24371572
Conc: 24.47 ng/ml



#3 AR-1016-1

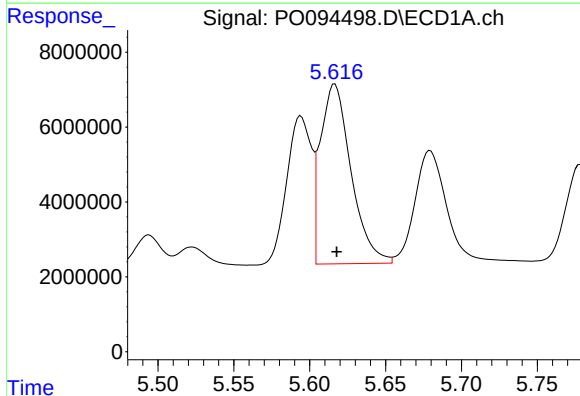
R.T.: 5.594 min
Delta R.T.: -0.001 min
Response: 44899007
Conc: 493.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



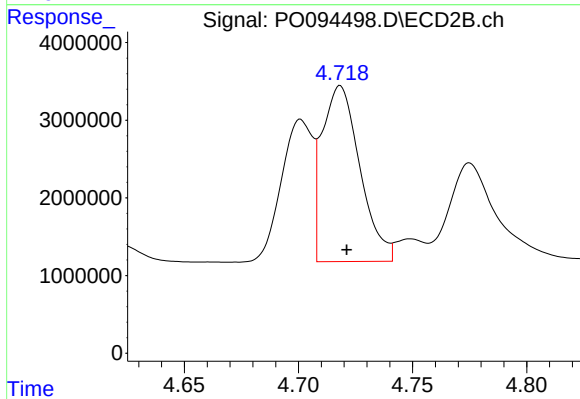
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 17505068
Conc: 475.57 ng/ml



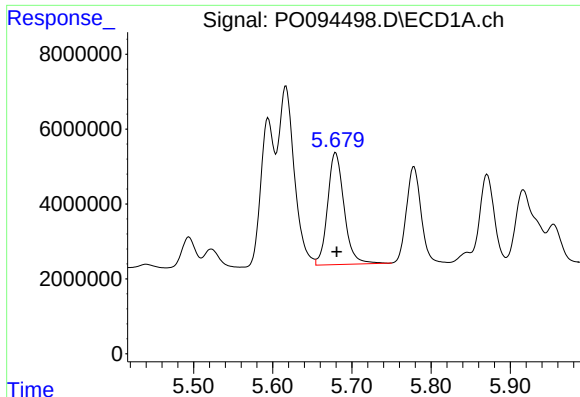
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: -0.001 min
Response: 67496509
Conc: 480.91 ng/ml



#4 AR-1016-2

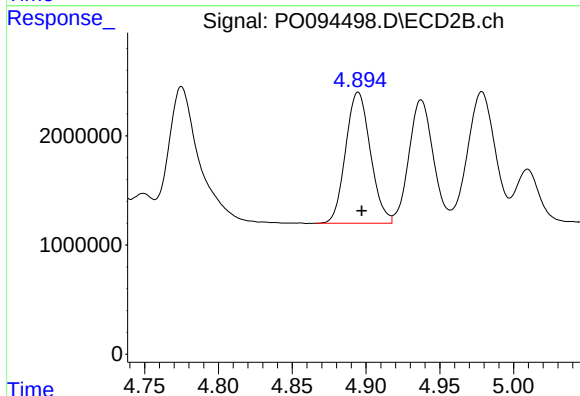
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 26199047
Conc: 461.61 ng/ml



#5 AR-1016-3

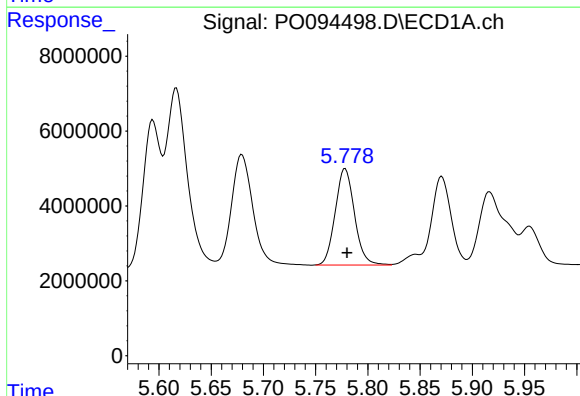
R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 43150380
Conc: 477.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



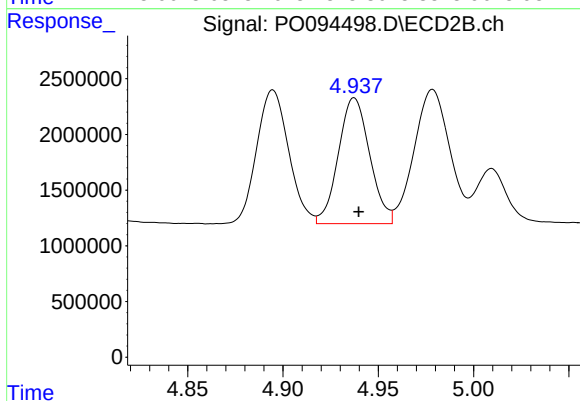
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.003 min
Response: 14006715
Conc: 473.74 ng/ml



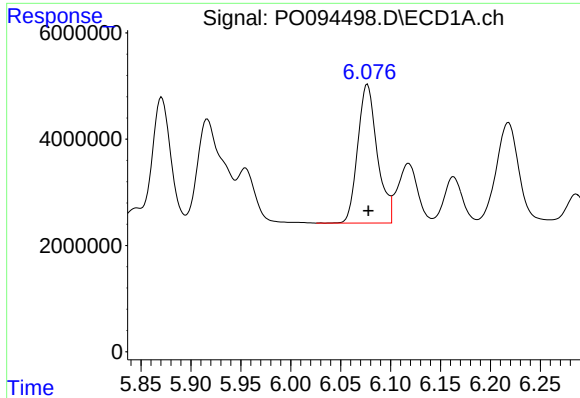
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 33009120
Conc: 483.45 ng/ml



#6 AR-1016-4

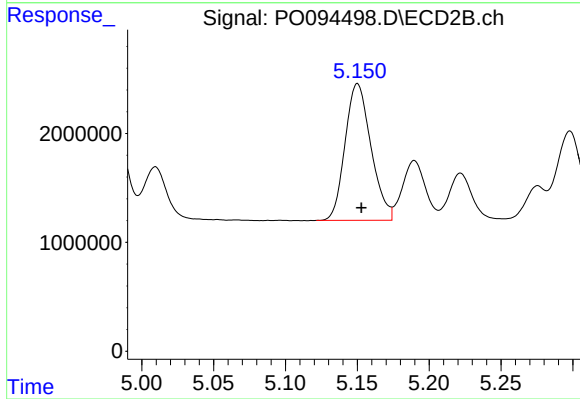
R.T.: 4.937 min
Delta R.T.: -0.002 min
Response: 12940442
Conc: 472.55 ng/ml



#7 AR-1016-5

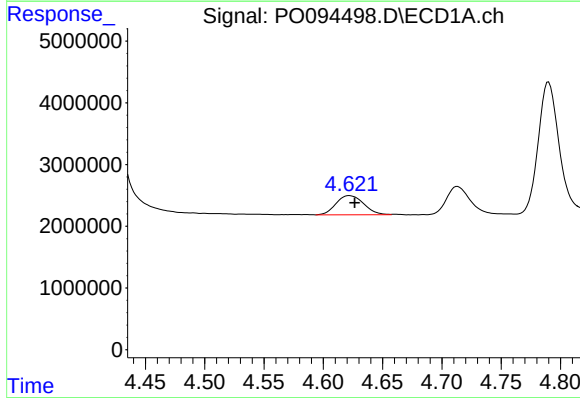
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 35555473
Conc: 465.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



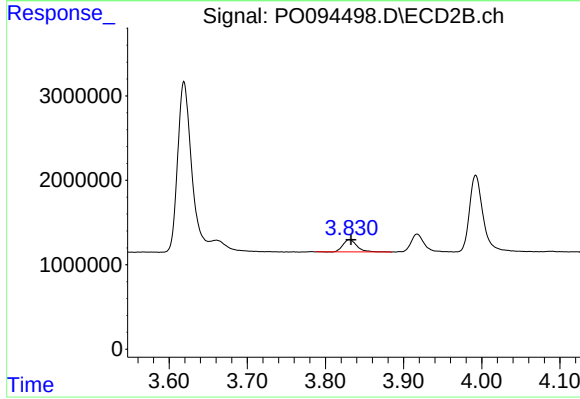
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.003 min
Response: 15793749
Conc: 452.07 ng/ml



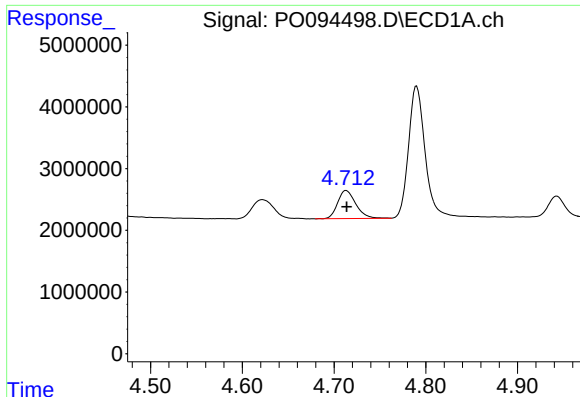
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 5068292
Conc: 123.40 ng/ml



#8 AR-1221-1

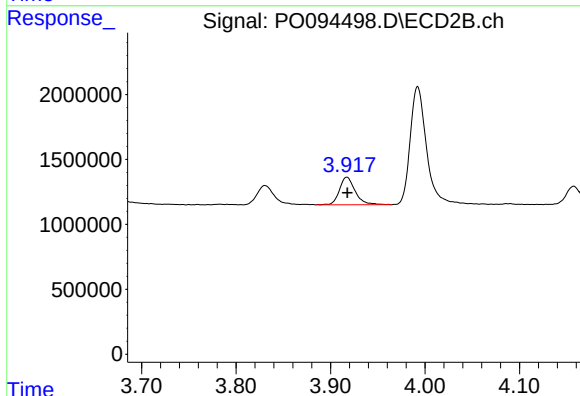
R.T.: 3.831 min
Delta R.T.: -0.002 min
Response: 1807916
Conc: 108.98 ng/ml



#9 AR-1221-2

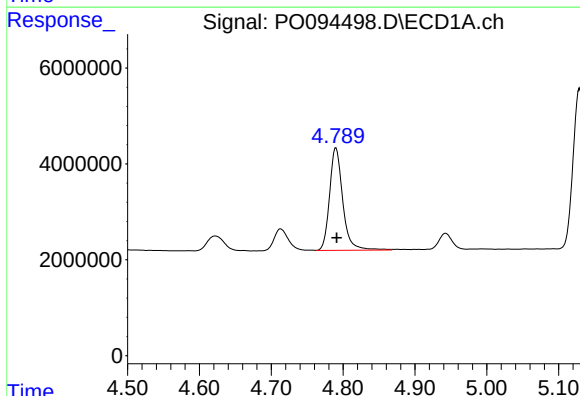
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 6334620
Conc: 209.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



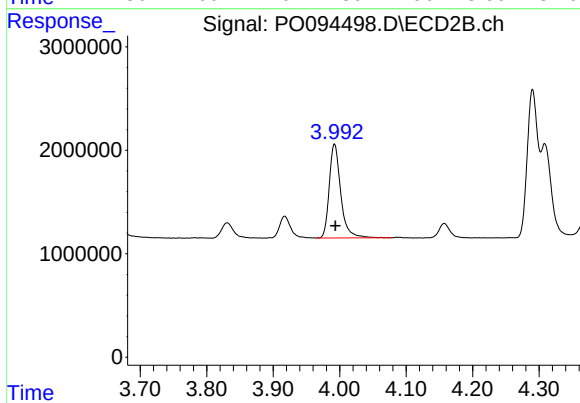
#9 AR-1221-2

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 2457584
Conc: 199.02 ng/ml



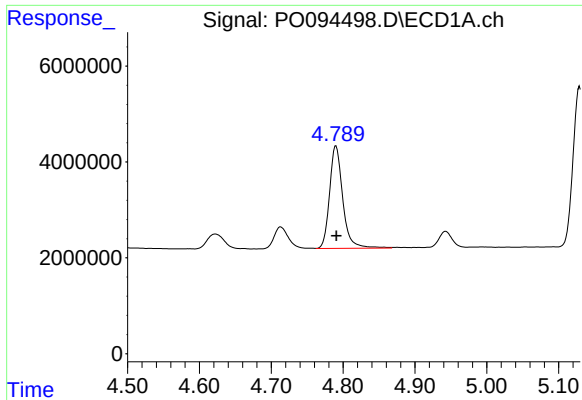
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 27313546
Conc: 291.27 ng/ml



#10 AR-1221-3

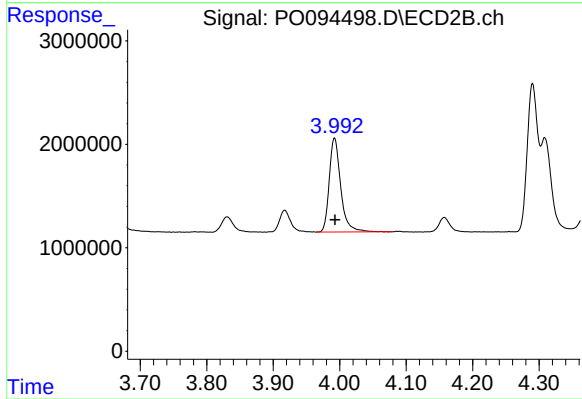
R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 10931698
Conc: 286.92 ng/ml



#11 AR-1232-1

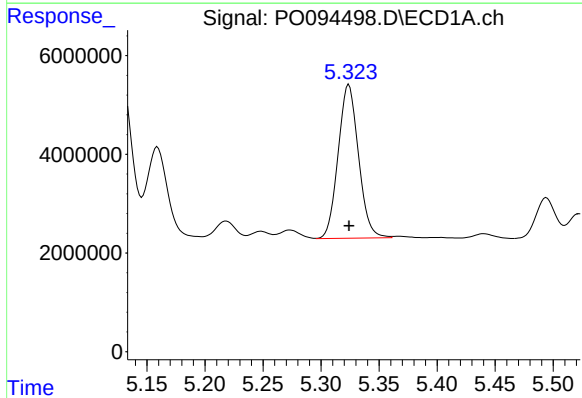
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 27313546
Conc: 344.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



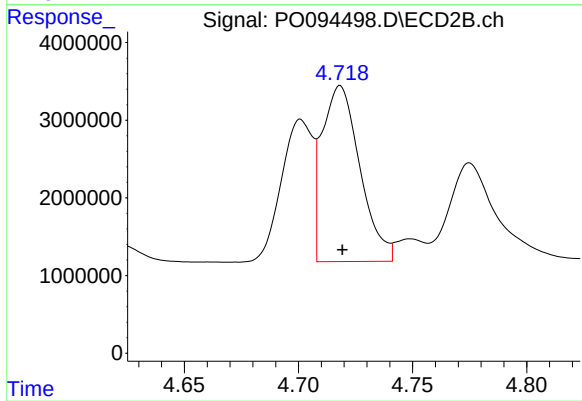
#11 AR-1232-1

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 10931698
Conc: 330.88 ng/ml



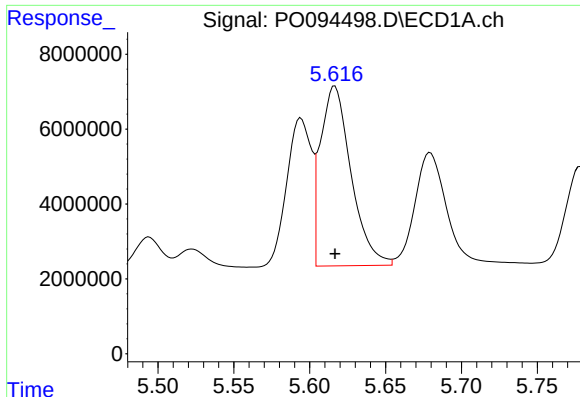
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 37975320
Conc: 966.39 ng/ml



#12 AR-1232-2

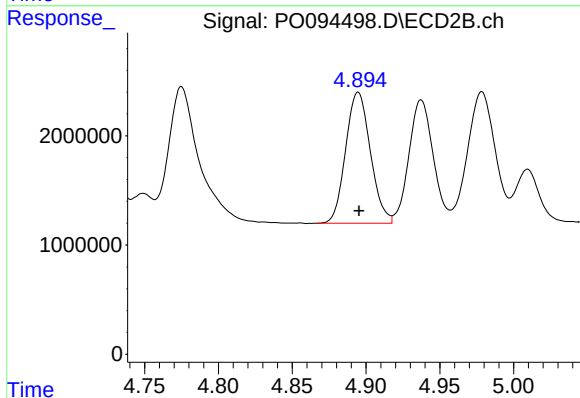
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 26199047
Conc: 933.79 ng/ml



#13 AR-1232-3

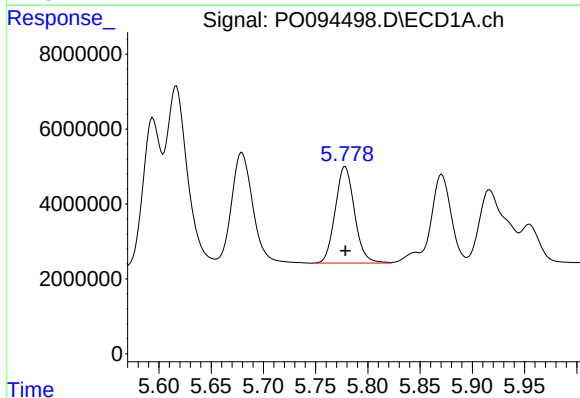
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 67496509
Conc: 1008.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



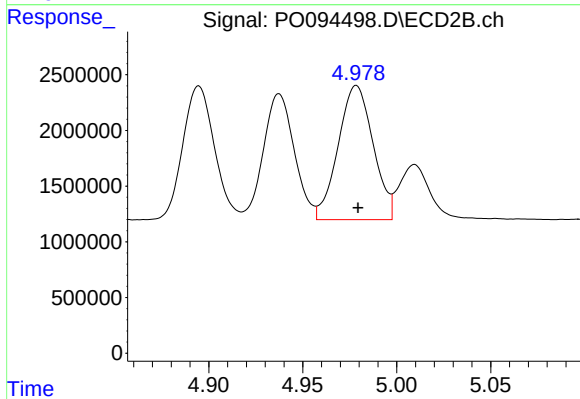
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 14006715
Conc: 992.08 ng/ml



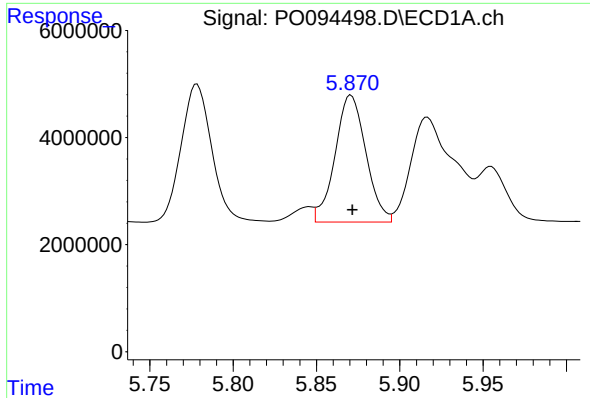
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 33009120
Conc: 1029.37 ng/ml



#14 AR-1232-4

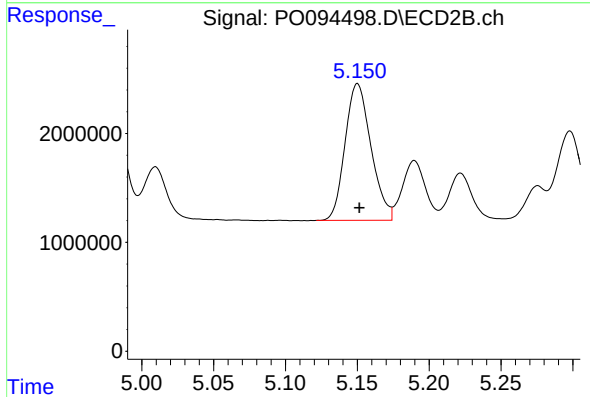
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 15618958
Conc: 1037.76 ng/ml



#15 AR-1232-5

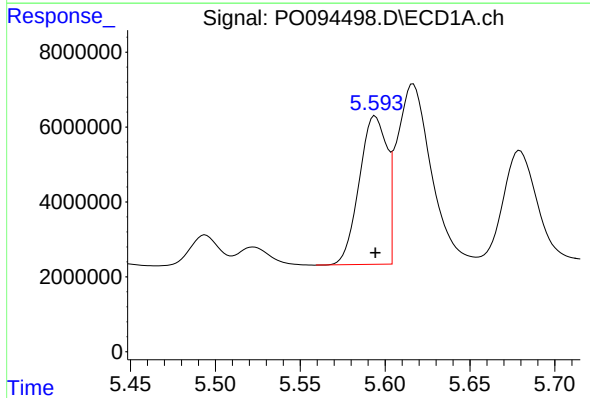
R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 30508709
Conc: 1011.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



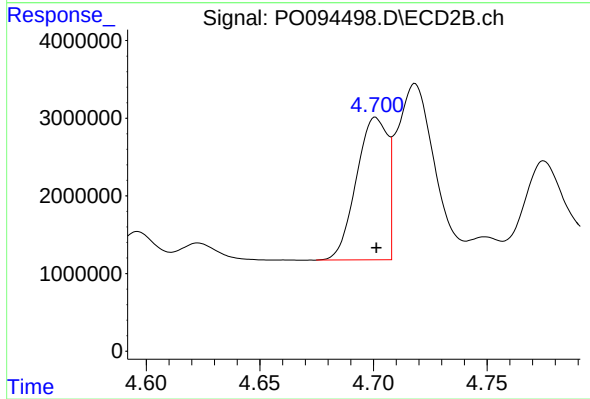
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.001 min
Response: 15793749
Conc: 973.08 ng/ml



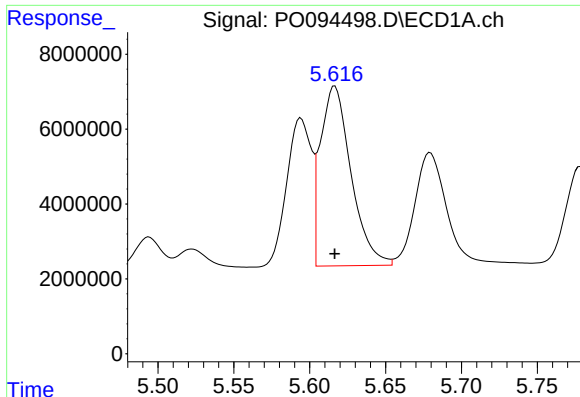
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 44899007
Conc: 567.96 ng/ml



#16 AR-1242-1

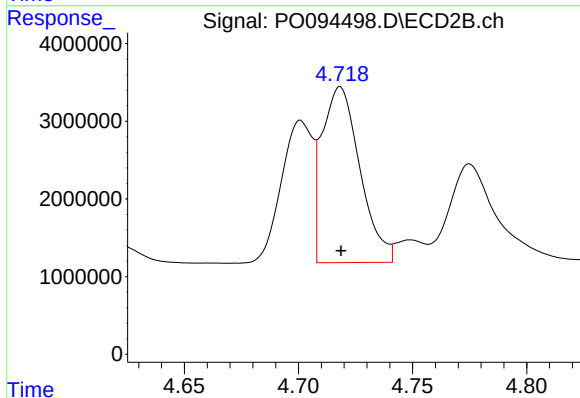
R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 17505068
Conc: 549.90 ng/ml



#17 AR-1242-2

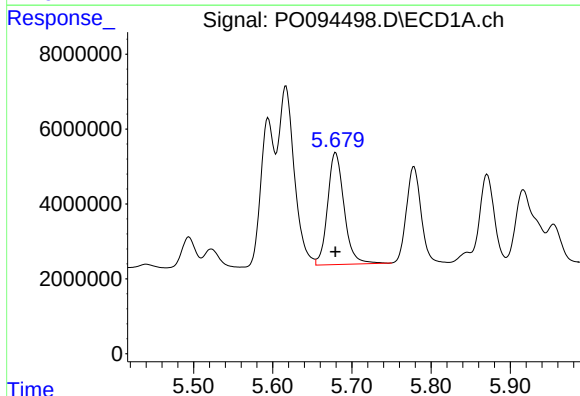
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 67496509
Conc: 556.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



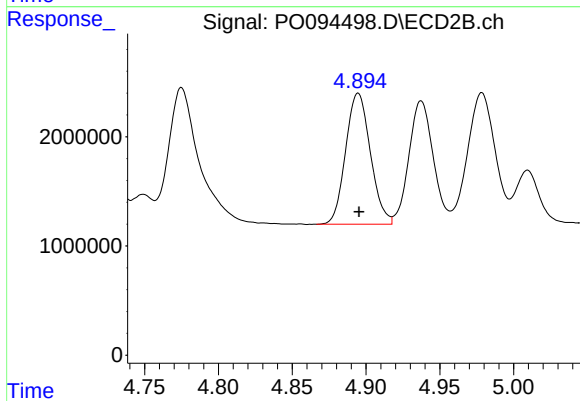
#17 AR-1242-2

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 26199047
Conc: 548.49 ng/ml



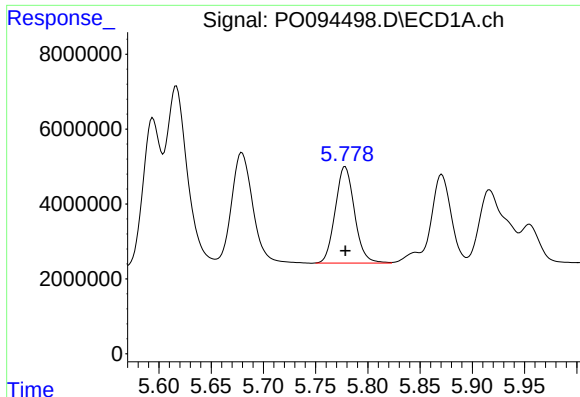
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 43150380
Conc: 550.61 ng/ml



#18 AR-1242-3

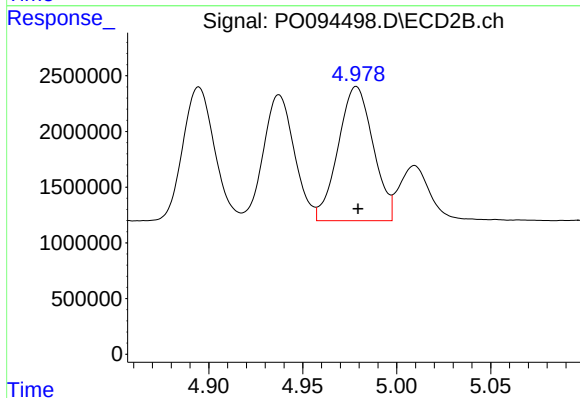
R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 14006715
Conc: 553.43 ng/ml



#19 AR-1242-4

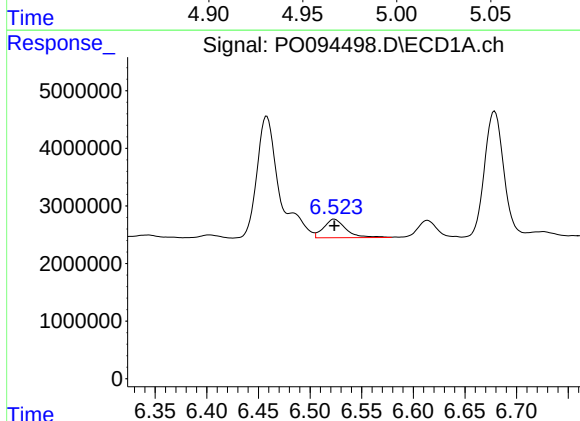
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 33009120
Conc: 566.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



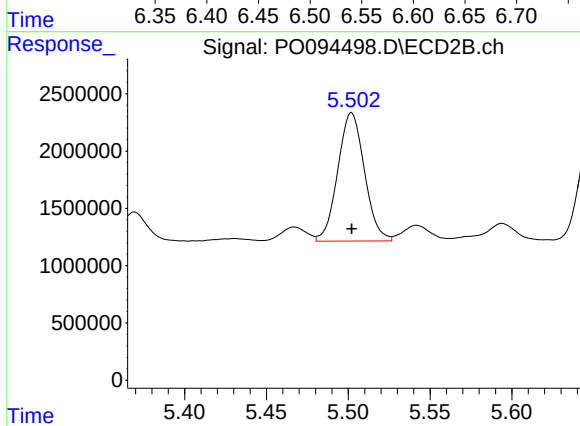
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 15618958
Conc: 537.58 ng/ml



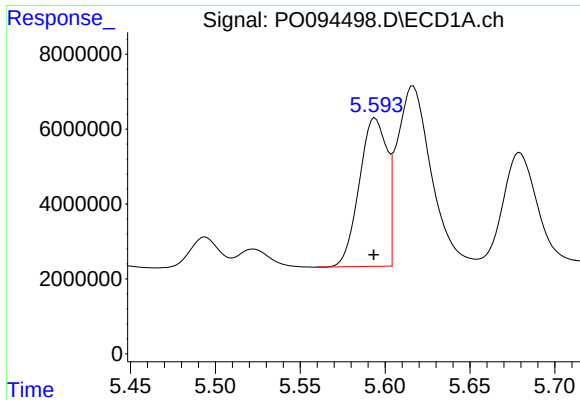
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 4849060
Conc: 81.10 ng/ml



#20 AR-1242-5

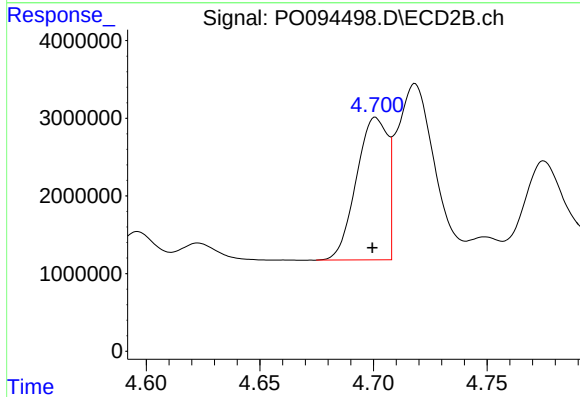
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 12730010
Conc: 432.96 ng/ml



#21 AR-1248-1

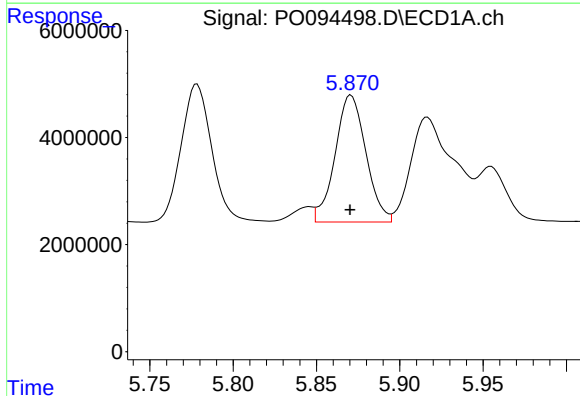
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 44899007
Conc: 744.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



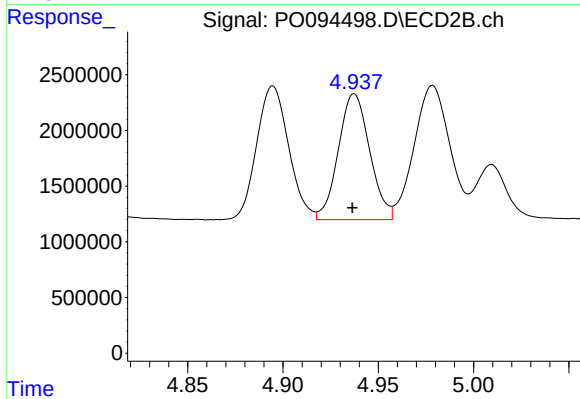
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: 0.002 min
Response: 17505068
Conc: 710.38 ng/ml



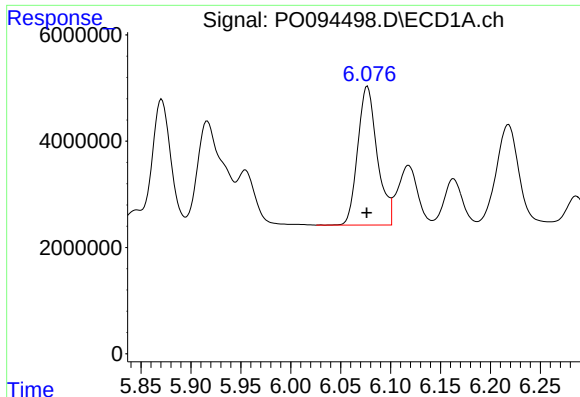
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 30508709
Conc: 295.62 ng/ml



#22 AR-1248-2

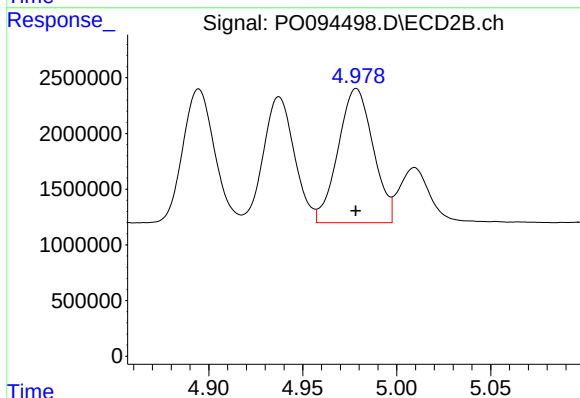
R.T.: 4.937 min
Delta R.T.: 0.001 min
Response: 12940442
Conc: 315.43 ng/ml



#23 AR-1248-3

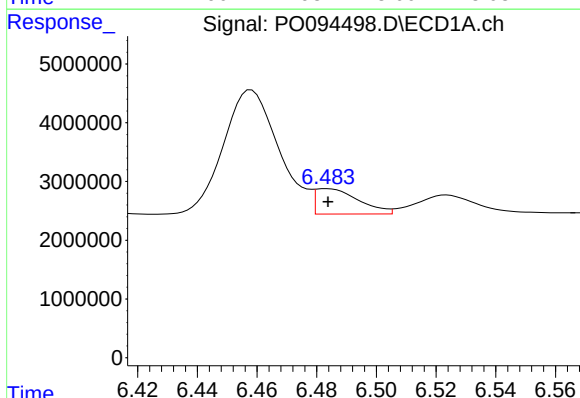
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 35555473
Conc: 323.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



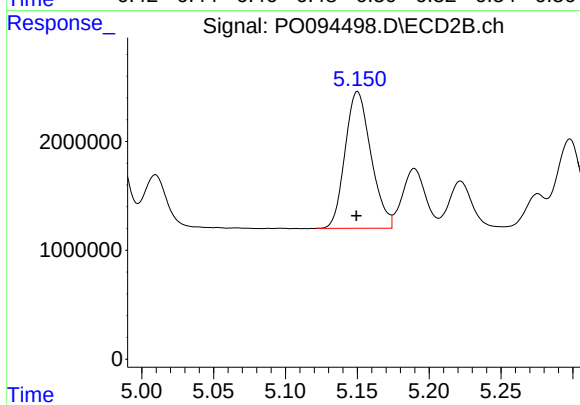
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 15618958
Conc: 367.31 ng/ml



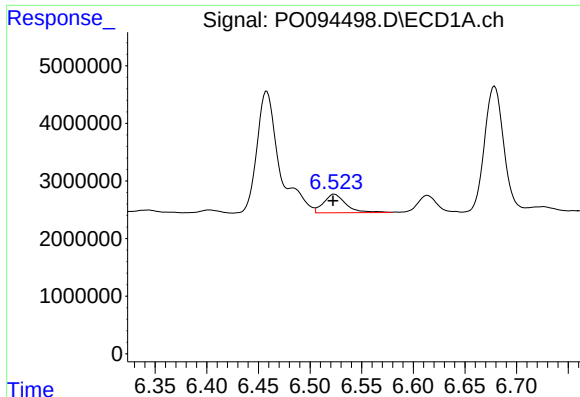
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 4331250
Conc: 44.23 ng/ml



#24 AR-1248-4

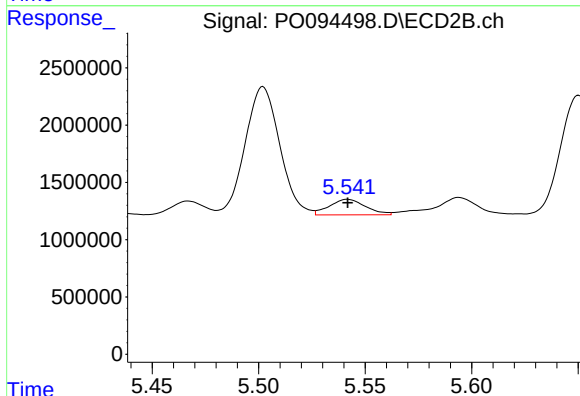
R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 15793749
Conc: 326.06 ng/ml



#25 AR-1248-5

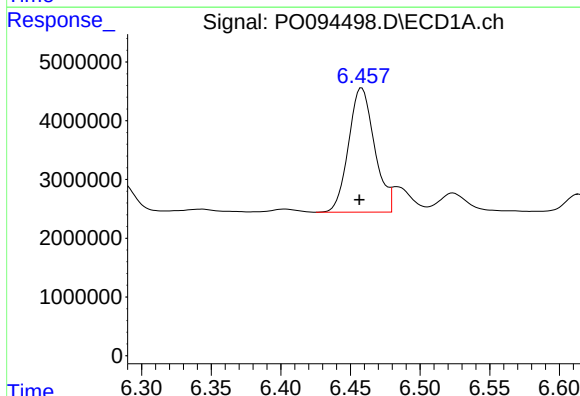
R.T.: 6.524 min
Delta R.T.: 0.001 min
Response: 4849060
Conc: 46.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



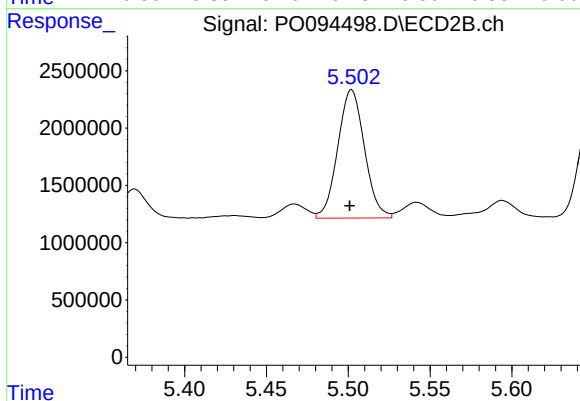
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 1619904
Conc: 42.27 ng/ml



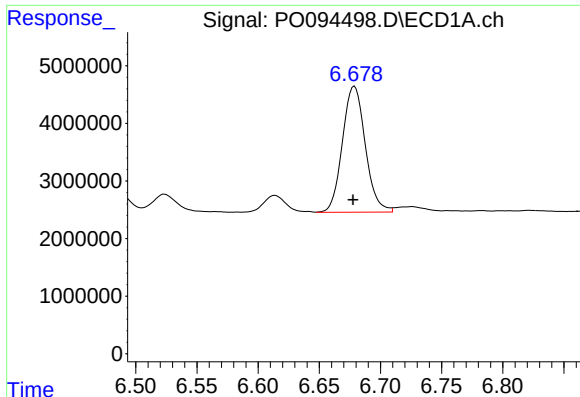
#26 AR-1254-1

R.T.: 6.458 min
Delta R.T.: 0.002 min
Response: 27397913
Conc: 221.56 ng/ml



#26 AR-1254-1

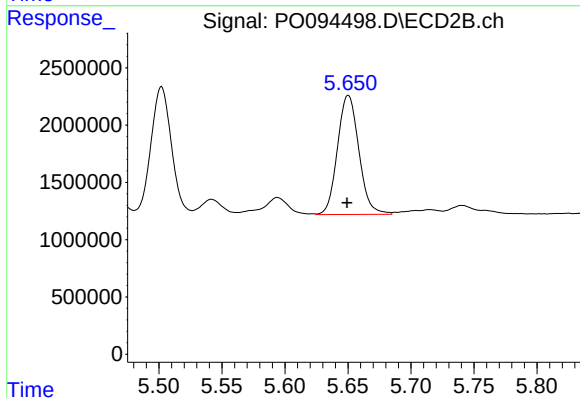
R.T.: 5.502 min
Delta R.T.: 0.001 min
Response: 12730010
Conc: 182.13 ng/ml



#27 AR-1254-2

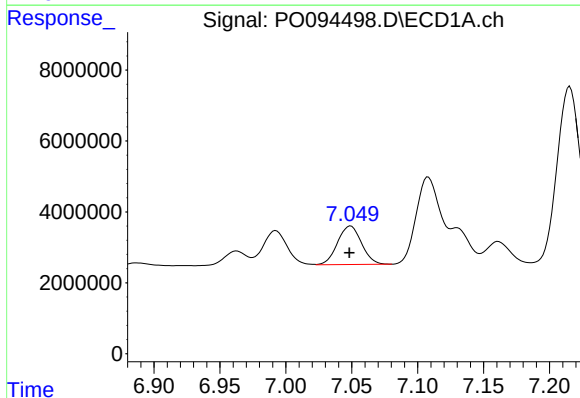
R.T.: 6.679 min
Delta R.T.: 0.001 min
Response: 28449872
Conc: 157.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



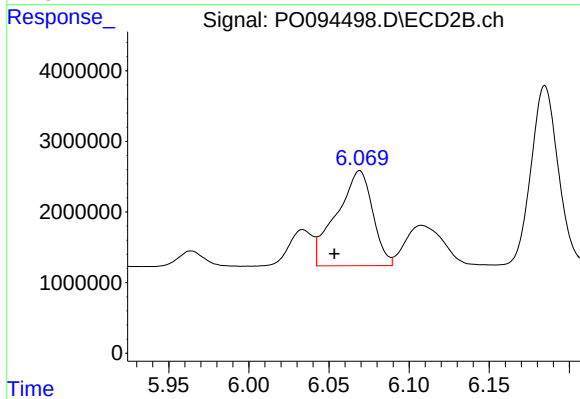
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: 0.001 min
Response: 12293204
Conc: 196.33 ng/ml



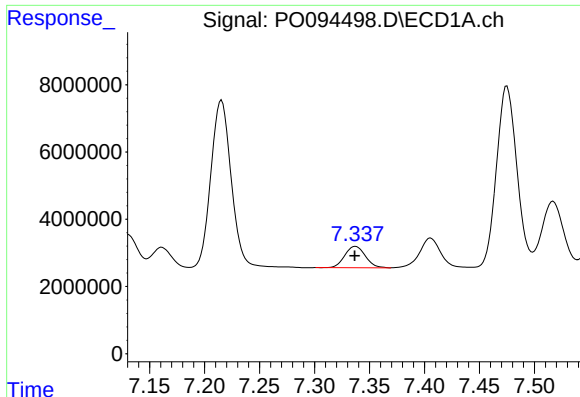
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 13726957
Conc: 80.47 ng/ml



#28 AR-1254-3

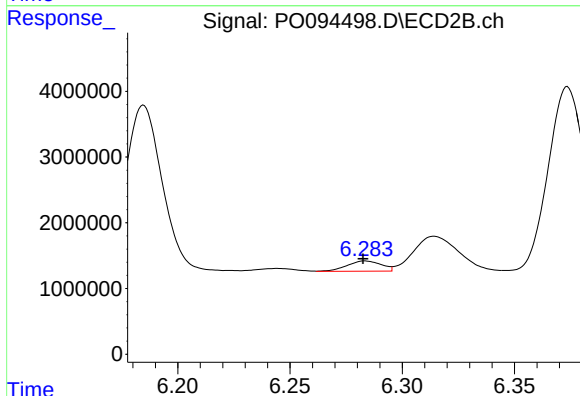
R.T.: 6.069 min
Delta R.T.: 0.016 min
Response: 21120708
Conc: 228.46 ng/ml



#29 AR-1254-4

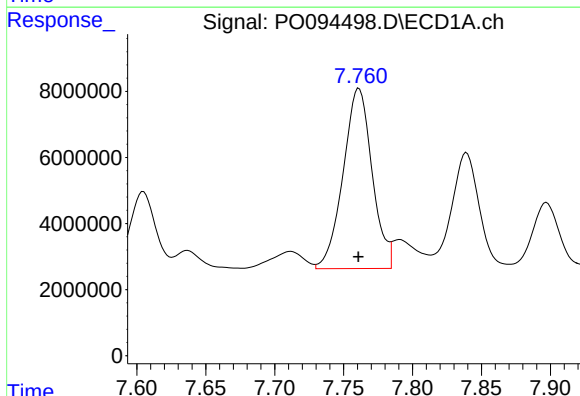
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 8220159
Conc: 87.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



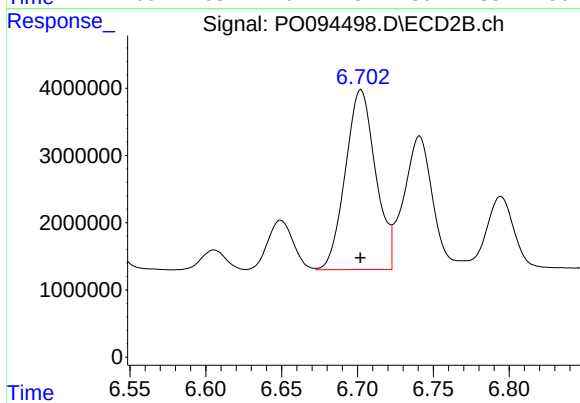
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 1654364
Conc: 39.04 ng/ml



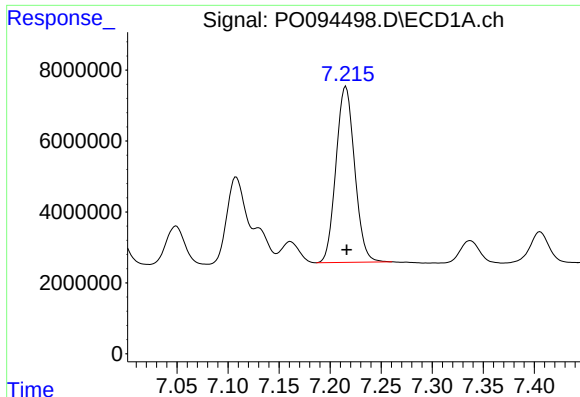
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 79864656
Conc: 668.95 ng/ml



#30 AR-1254-5

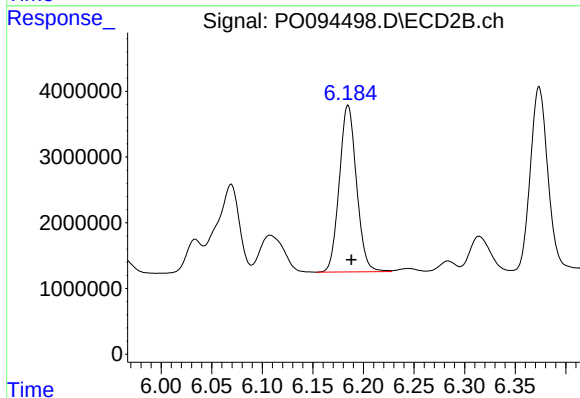
R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 37074548
Conc: 494.66 ng/ml



#31 AR-1260-1

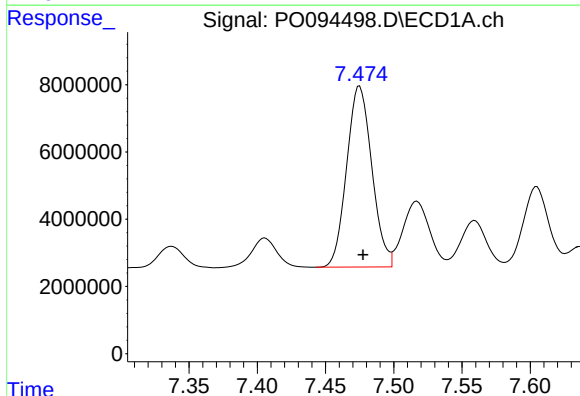
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 63320137
Conc: 473.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



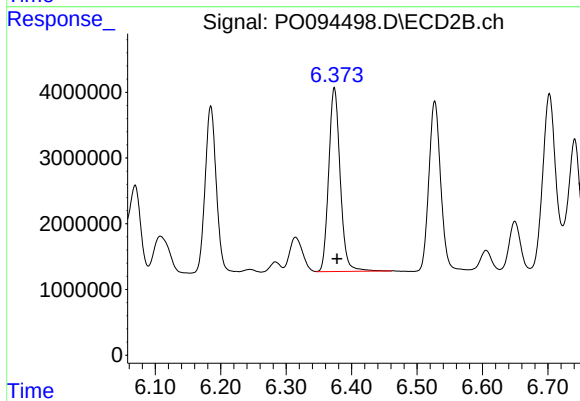
#31 AR-1260-1

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 30012241
Conc: 447.09 ng/ml



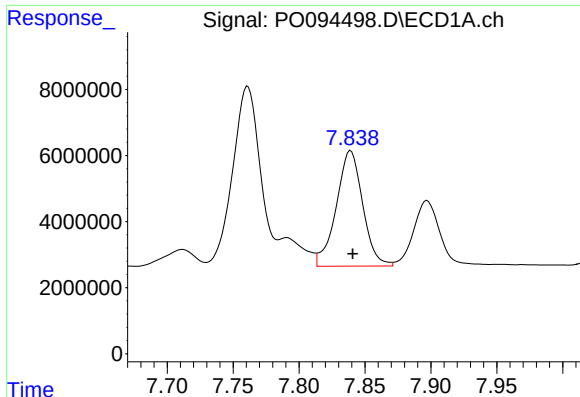
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 69105332
Conc: 493.66 ng/ml



#32 AR-1260-2

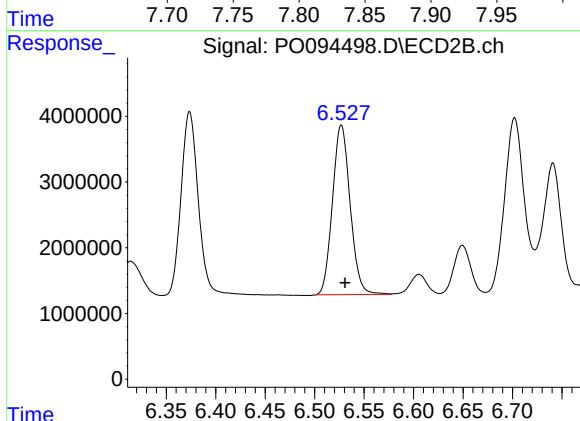
R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 34092942
Conc: 458.64 ng/ml



#33 AR-1260-3

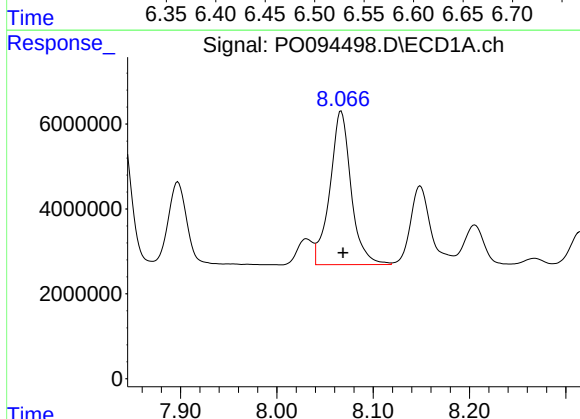
R.T.: 7.839 min
Delta R.T.: -0.002 min
Response: 48805209
Conc: 427.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



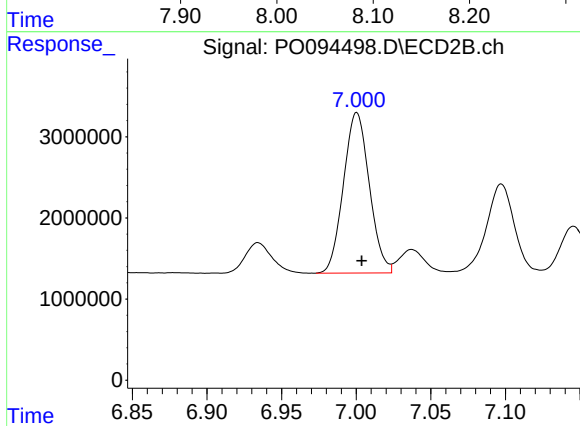
#33 AR-1260-3

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 32110705
Conc: 449.61 ng/ml



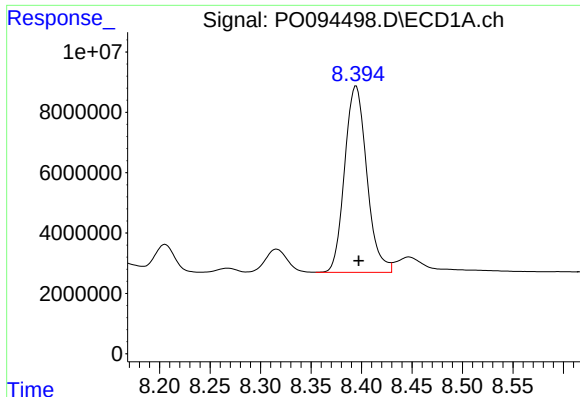
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 55448316
Conc: 463.27 ng/ml



#34 AR-1260-4

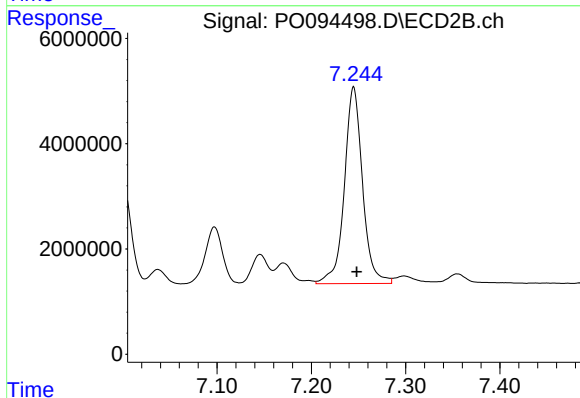
R.T.: 7.000 min
Delta R.T.: -0.003 min
Response: 23874467
Conc: 406.01 ng/ml



#35 AR-1260-5

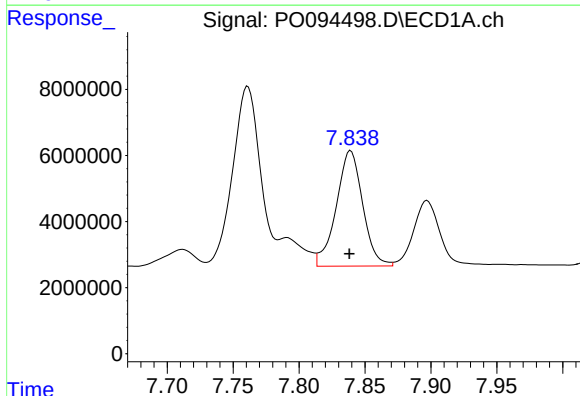
R.T.: 8.395 min
Delta R.T.: -0.002 min
Response: 94491767
Conc: 458.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



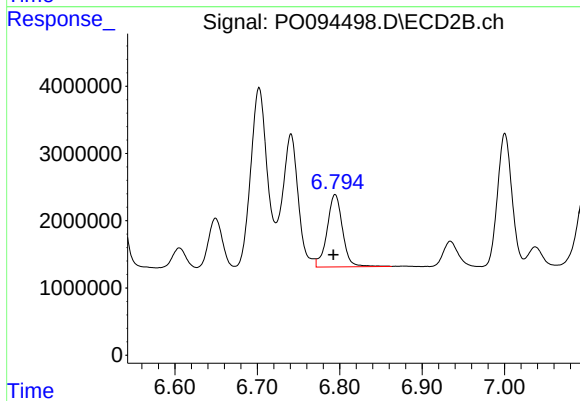
#35 AR-1260-5

R.T.: 7.245 min
Delta R.T.: -0.003 min
Response: 50086881
Conc: 440.66 ng/ml



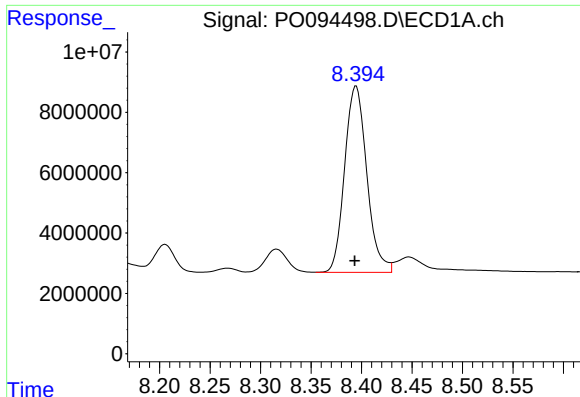
#36 AR-1262-1

R.T.: 7.839 min
Delta R.T.: 0.001 min
Response: 48805209
Conc: 303.87 ng/ml



#36 AR-1262-1

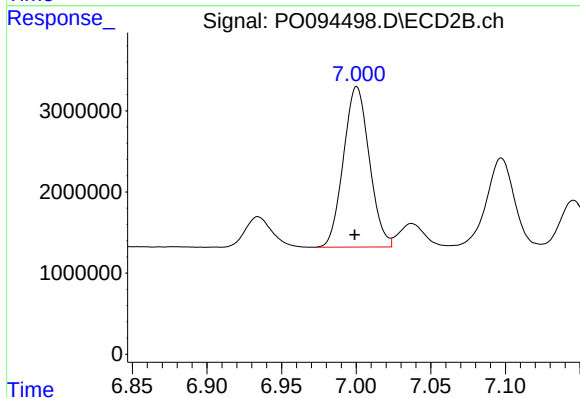
R.T.: 6.795 min
Delta R.T.: 0.002 min
Response: 13960269
Conc: 382.73 ng/ml



#37 AR-1262-2

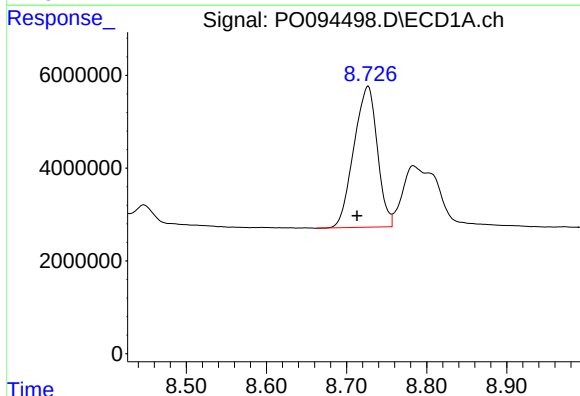
R.T.: 8.395 min
Delta R.T.: 0.001 min
Response: 94491767
Conc: 432.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



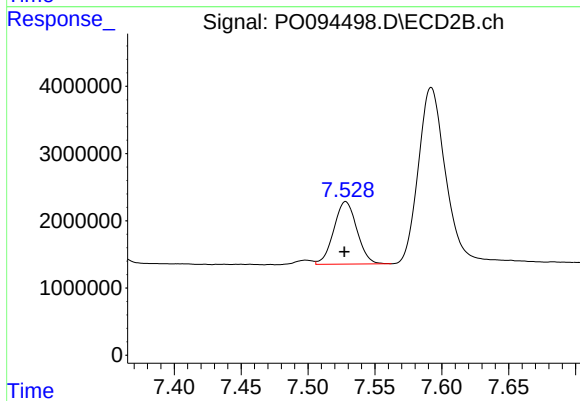
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: 0.001 min
Response: 23874467
Conc: 325.29 ng/ml



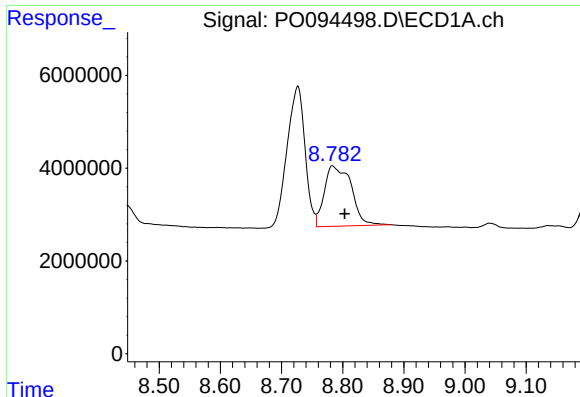
#38 AR-1262-3

R.T.: 8.727 min
Delta R.T.: 0.014 min
Response: 61816483
Conc: 394.29 ng/ml



#38 AR-1262-3

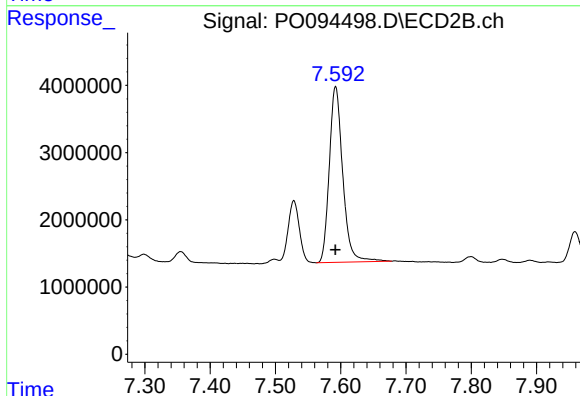
R.T.: 7.528 min
Delta R.T.: 0.001 min
Response: 11165070
Conc: 208.21 ng/ml



#39 AR-1262-4

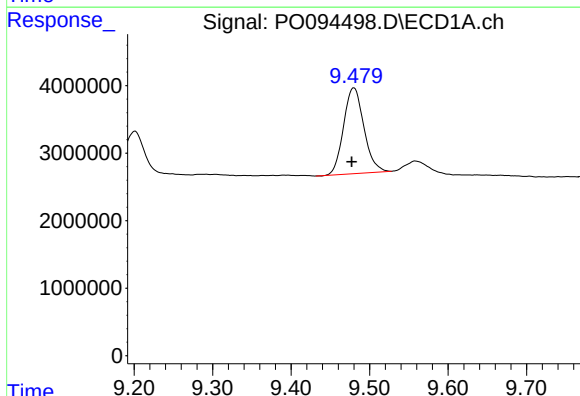
R.T.: 8.784 min
Delta R.T.: -0.020 min
Response: 39747895
Conc: 431.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



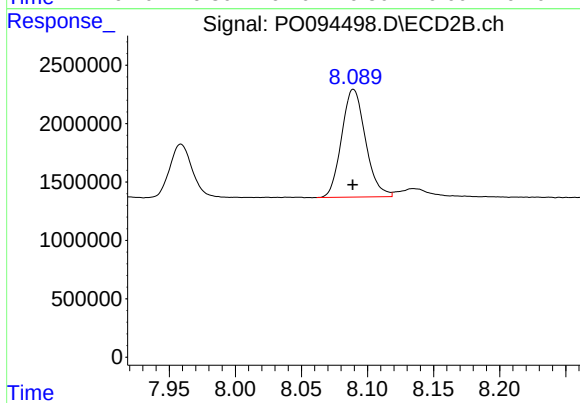
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 37406903
Conc: 400.34 ng/ml



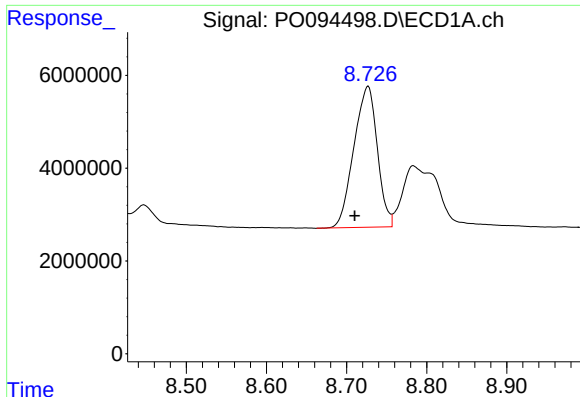
#40 AR-1262-5

R.T.: 9.480 min
Delta R.T.: 0.003 min
Response: 22842317
Conc: 312.40 ng/ml



#40 AR-1262-5

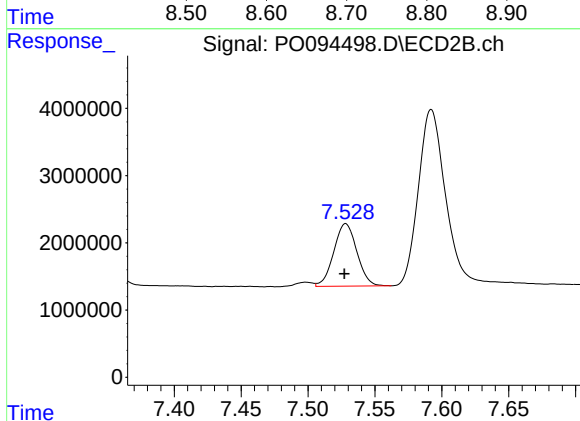
R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 11606454
Conc: 307.90 ng/ml



#41 AR-1268-1

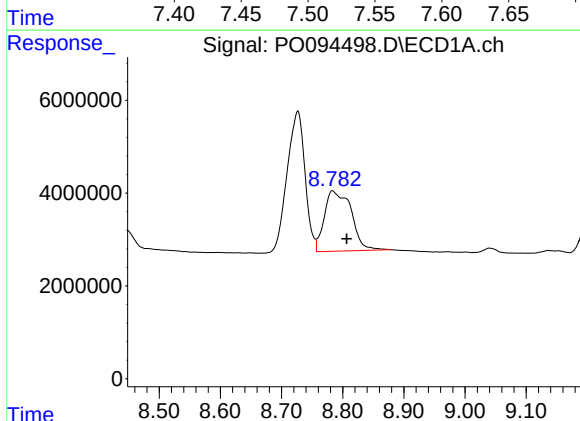
R.T.: 8.727 min
Delta R.T.: 0.017 min
Response: 61816483
Conc: 194.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



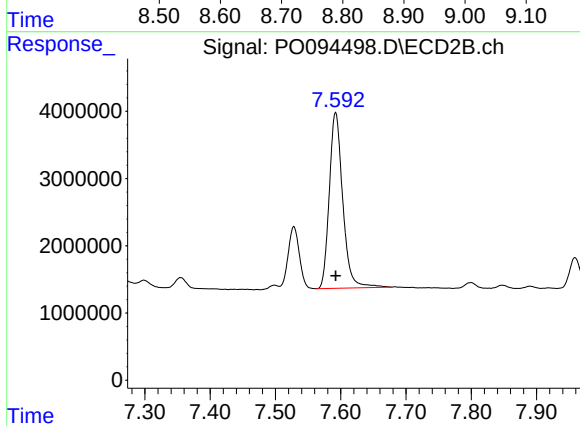
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: 0.001 min
Response: 11165070
Conc: 67.16 ng/ml



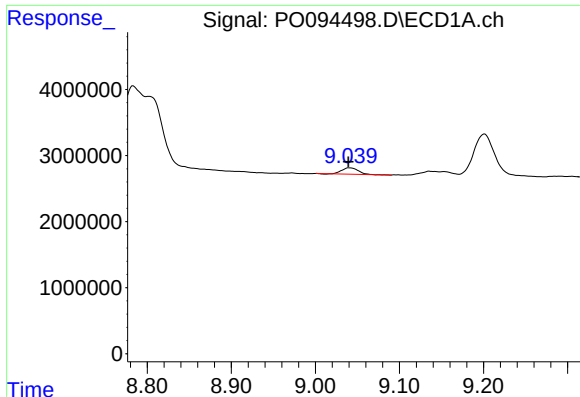
#42 AR-1268-2

R.T.: 8.784 min
Delta R.T.: -0.023 min
Response: 39747895
Conc: 140.90 ng/ml



#42 AR-1268-2

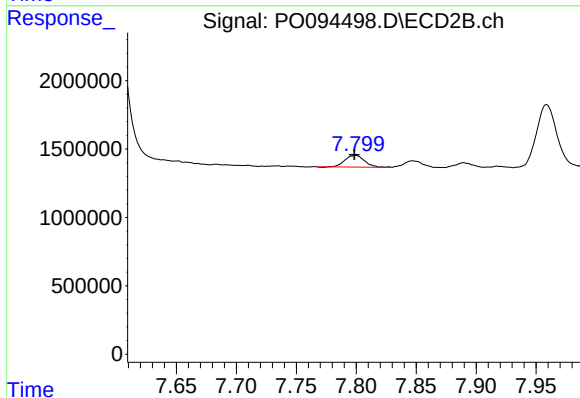
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 37406903
Conc: 242.98 ng/ml



#43 AR-1268-3

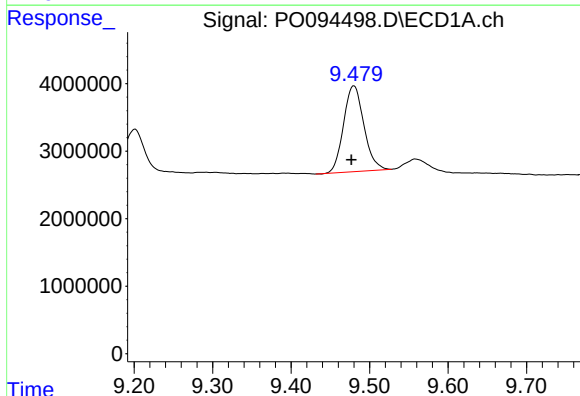
R.T.: 9.041 min
Delta R.T.: 0.002 min
Response: 1246091
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



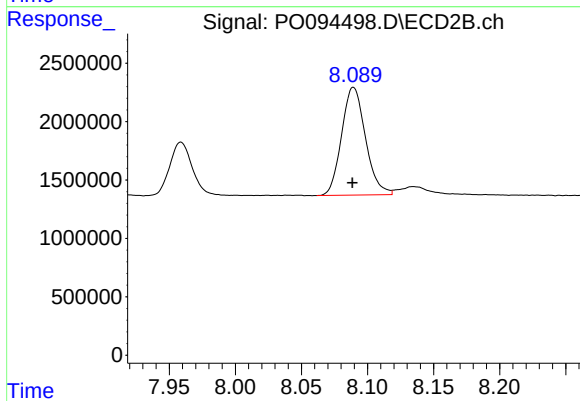
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 946700
Conc: 6.90 ng/ml



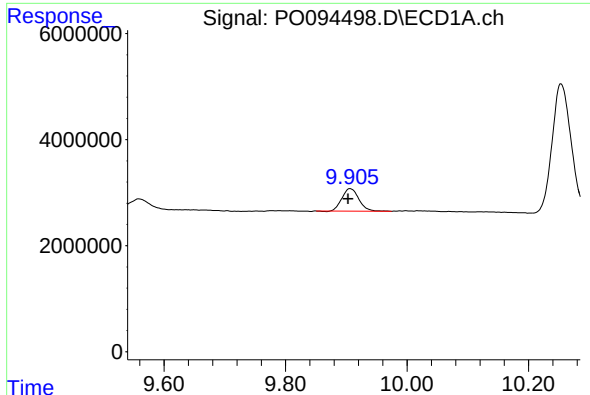
#44 AR-1268-4

R.T.: 9.480 min
Delta R.T.: 0.003 min
Response: 22842317
Conc: 270.78 ng/ml



#44 AR-1268-4

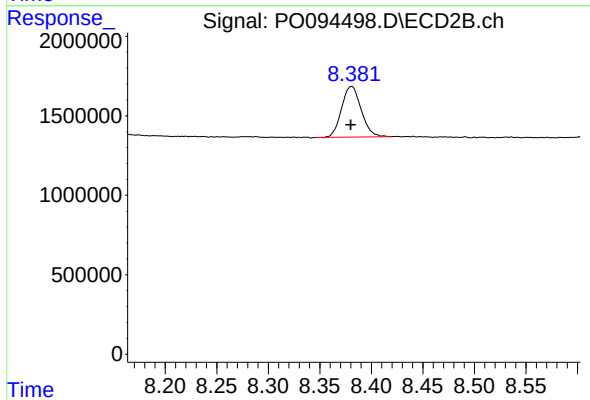
R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 11606454
Conc: 256.09 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: 0.003 min
Response: 8220712
Conc: 10.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 4230263
Conc: 11.34 ng/ml