

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022520\
 Data File : P0066818.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Feb 2020 20:10
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:38:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 14:58:30 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.123	3.405	2433835	2492578	57.920	46.147
2)	SA Decachlor...	9.596	8.288	2276216	2344160	55.465	42.183
Target Compounds							
3)	L1 AR-1016-1	5.271	4.458	883418	751334	546.632	467.502
4)	L1 AR-1016-2	5.292	4.474	1337918	1525336	548.412	416.076
5)	L1 AR-1016-3	5.352	4.647	760703	649822	551.178	467.806
6)	L1 AR-1016-4	5.450	4.689	712946	552483	559.623	478.070
7)	L1 AR-1016-5	5.738	4.897	571603	694109	538.565	472.709
8)	L2 AR-1221-1	4.328	3.611	74490	83438	179.797	160.641
9)	L2 AR-1221-2	4.416	3.695	104874	119672	339.411	314.726
10)	L2 AR-1221-3	4.490	3.768	430384	467832	420.363	392.892
11)	L3 AR-1232-1	4.490	3.768	430384	467832	537.888	495.658
12)	L3 AR-1232-2	5.006	4.474	606683	1525336	1450.426	1149.154
13)	L3 AR-1232-3	5.292	4.647	1337918	649822	1558.513	1228.205
14)	L3 AR-1232-4	5.450	4.729	712946	663387	1780.521	1311.714 #
15)	L3 AR-1232-5	5.539	4.897	543497	694109	1872.953	1091.020 #
16)	L4 AR-1242-1	5.271	4.458	883418	751334	823.072	714.670
17)	L4 AR-1242-2	5.292	4.474	1337918	1525336	826.539	642.688
18)	L4 AR-1242-3	5.352	4.647	760703	649822	803.508	688.515
19)	L4 AR-1242-4	5.450	4.729	712946	663387	893.188	706.775
20)	L4 AR-1242-5	6.176	5.243	68476	529837	88.076	388.962 #
21)	L5 AR-1248-1	5.271	4.458	883418	751334	1104.603	907.558
22)	L5 AR-1248-2	5.539	4.689	543497	552483	456.185	418.321
23)	L5 AR-1248-3	5.738	4.729	571603	663387	455.440	490.276
24)	L5 AR-1248-4	6.136	4.897	98325	694109	68.199	425.789 #
25)	L5 AR-1248-5	6.176	5.283	68476	96743	50.991	47.284
26)	L6 AR-1254-1	6.110	5.243	440192	529837	277.714	187.861 #
27)	L6 AR-1254-2	6.326	5.389	598629	482973	225.126	201.049
28)	L6 AR-1254-3	6.689	5.799	291451	945067	110.223	245.003 #
29)	L6 AR-1254-4	6.971	6.013	232148	115586	103.812	48.256 #
30)	L6 AR-1254-5	7.386	6.424	1886538	1704648	817.041	477.532 #
31)	L7 AR-1260-1	6.850	5.913	1225098	1310902	545.233	439.895
32)	L7 AR-1260-2	7.105	6.101	1807251	1605181	540.041	405.122
33)	L7 AR-1260-3	7.460	6.250	1500089	1522304	501.723	432.310
34)	L7 AR-1260-4	7.683	6.716	1421490	1291484	565.864	440.973
35)	L7 AR-1260-5	7.989	6.960	3218477	3038388	520.357	401.625
36)	L8 AR-1262-1	7.460	6.424	1500089	1704648	386.297	884.121 #
37)	L8 AR-1262-2	7.989	6.960	3218477	3038388	512.722	380.295 #
38)	L8 AR-1262-3	8.285	7.237	1860196	740968	457.910	227.835 #
39)	L8 AR-1262-4	8.351	7.301	522656	2250671	169.959	391.567 #
40)	L8 AR-1262-5	8.941	7.795	793648	787085	390.108	314.039
41)	L9 AR-1268-1	8.285	7.237	1860196	740968	230.276	75.966 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022520\
 Data File : P0066818.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Feb 2020 20:10
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:38:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 14:58:30 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

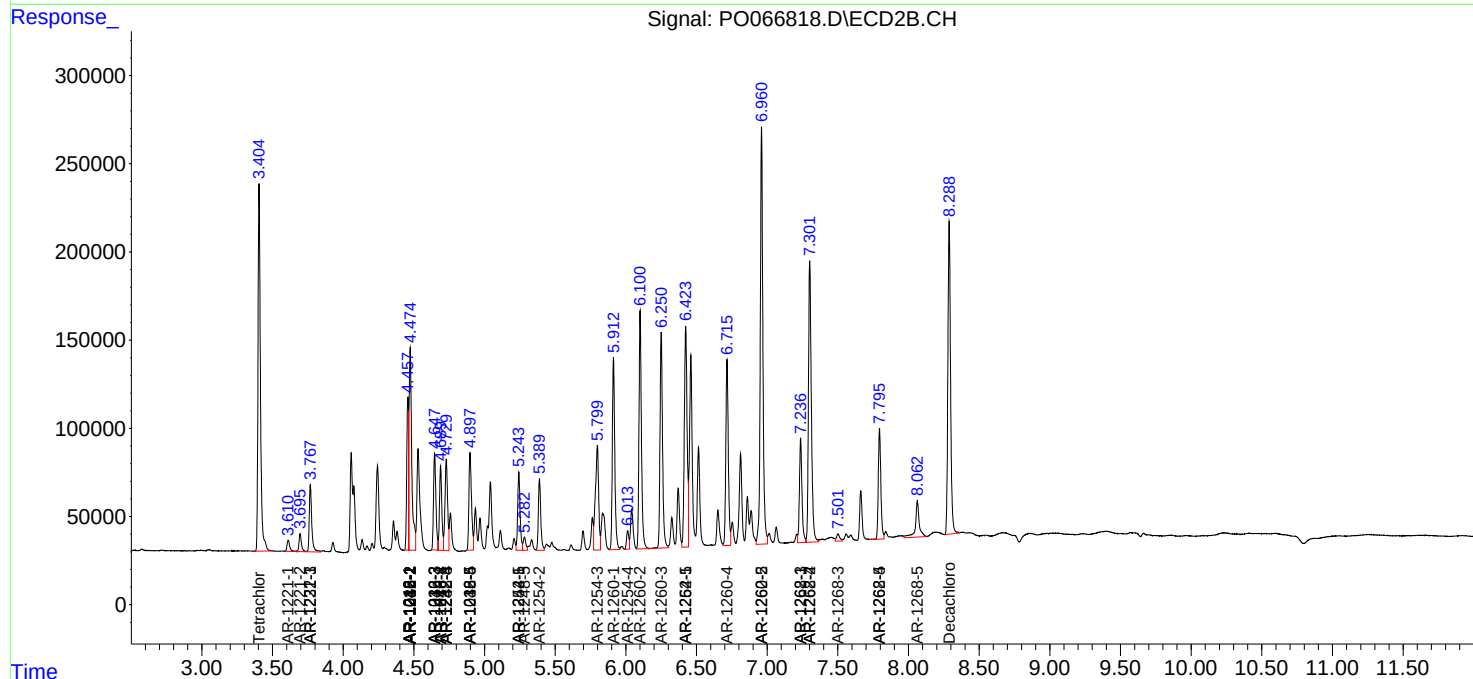
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

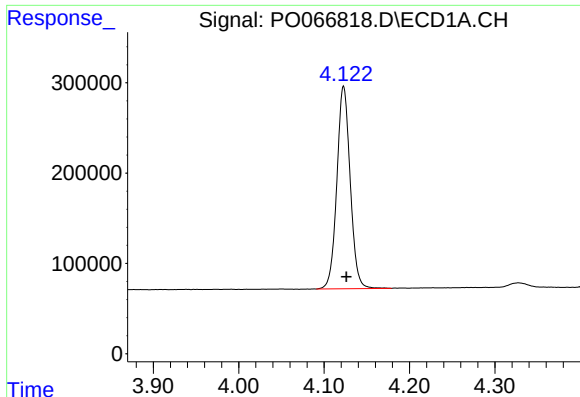
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.351	7.301	522656	2250671	76.741	247.582 #
43) L9	AR-1268-3	8.557	7.501	29625	68738	5.032	8.945 #
44) L9	AR-1268-4	8.941	7.795	793648	787085	335.784	265.915
45) L9	AR-1268-5	9.303	8.063	212265	381532	12.857	17.604 #

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

Instrument :
ECD_O
ClientSampleId :

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

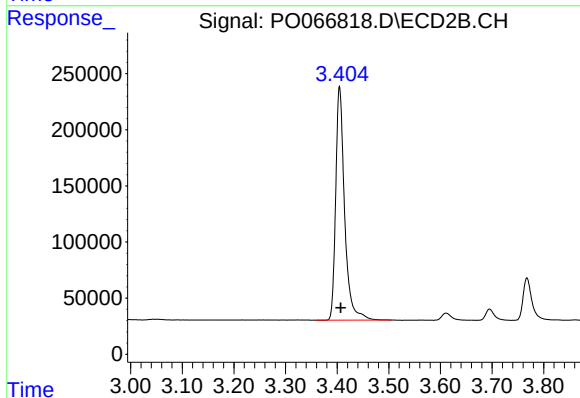




#1 Tetrachloro-m-xylene

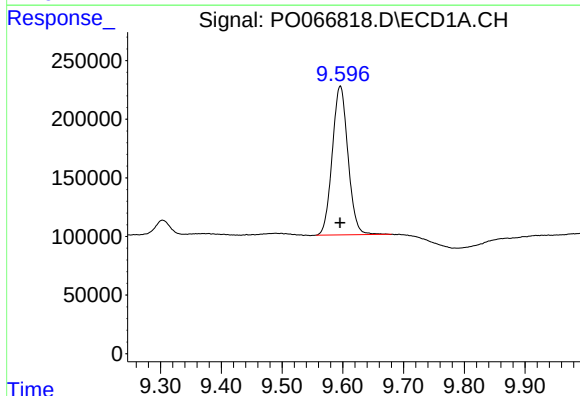
R.T.: 4.123 min
Delta R.T.: -0.003 min
Response: 2433835
Conc: 57.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



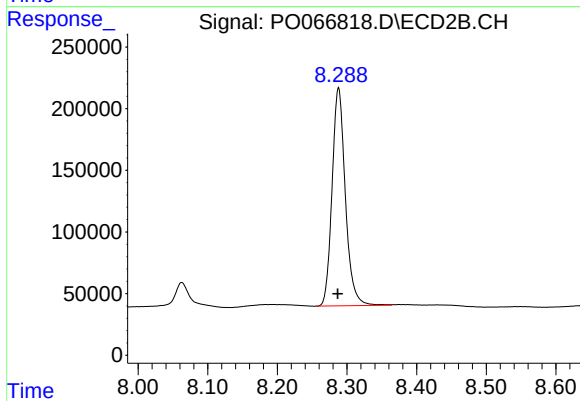
#1 Tetrachloro-m-xylene

R.T.: 3.405 min
Delta R.T.: -0.002 min
Response: 2492578
Conc: 46.15 ng/ml



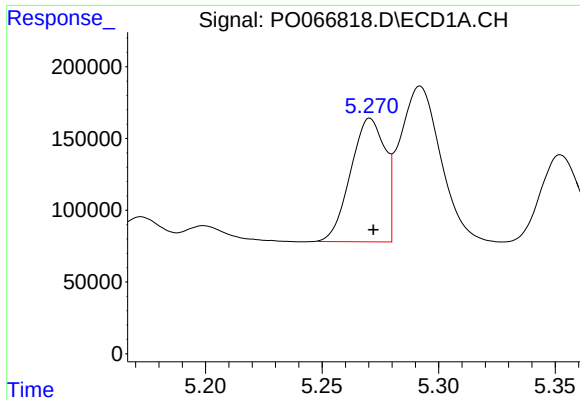
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: 0.000 min
Response: 2276216
Conc: 55.47 ng/ml



#2 Decachlorobiphenyl

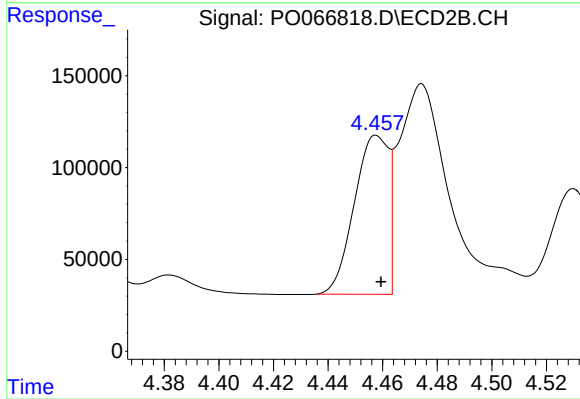
R.T.: 8.288 min
Delta R.T.: 0.001 min
Response: 2344160
Conc: 42.18 ng/ml



#3 AR-1016-1

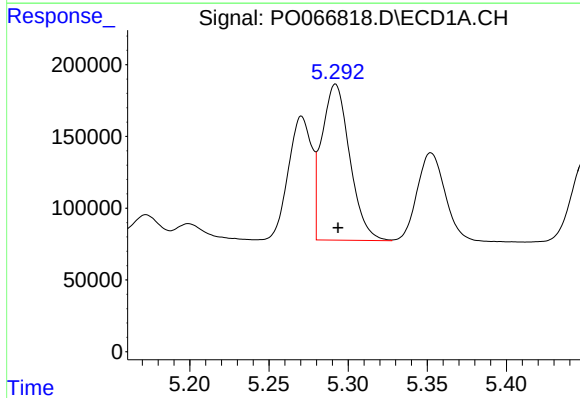
R.T.: 5.271 min
Delta R.T.: -0.001 min
Response: 883418
Conc: 546.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



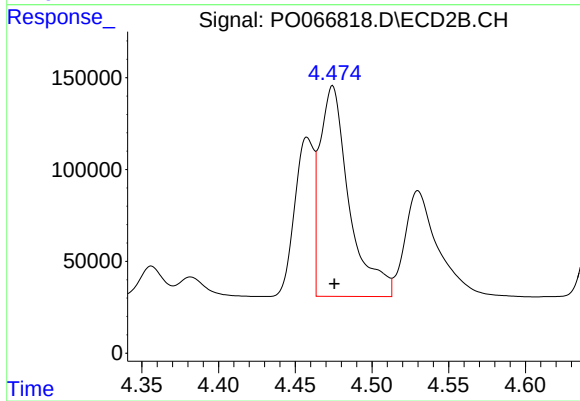
#3 AR-1016-1

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 751334
Conc: 467.50 ng/ml



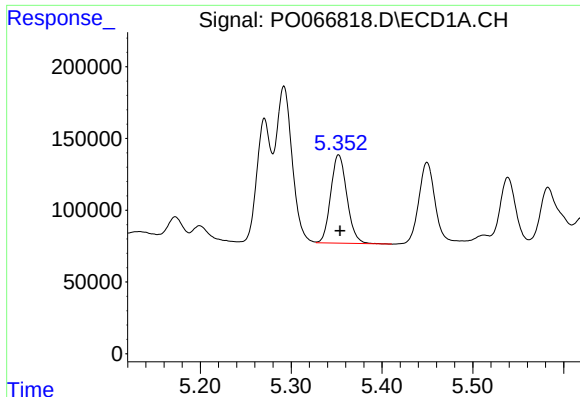
#4 AR-1016-2

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 1337918
Conc: 548.41 ng/ml



#4 AR-1016-2

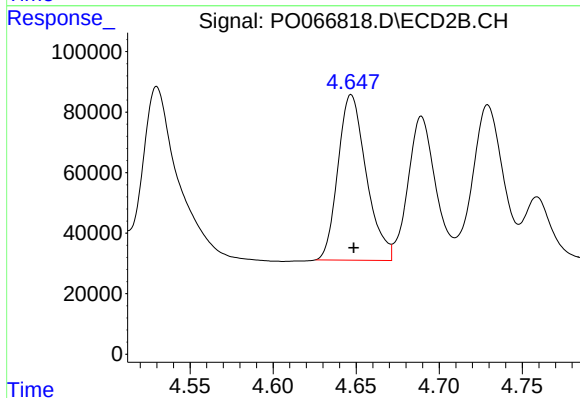
R.T.: 4.474 min
Delta R.T.: -0.001 min
Response: 1525336
Conc: 416.08 ng/ml



#5 AR-1016-3

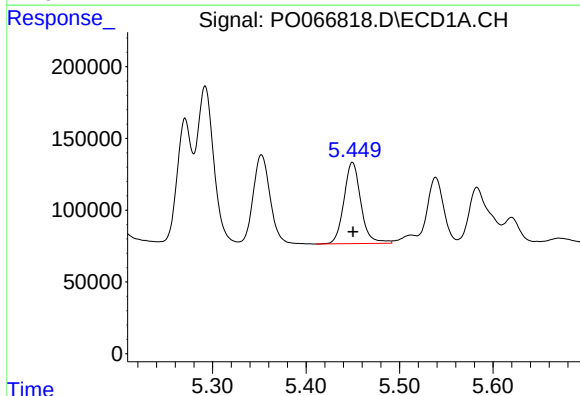
R.T.: 5.352 min
Delta R.T.: -0.001 min
Response: 760703
Conc: 551.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



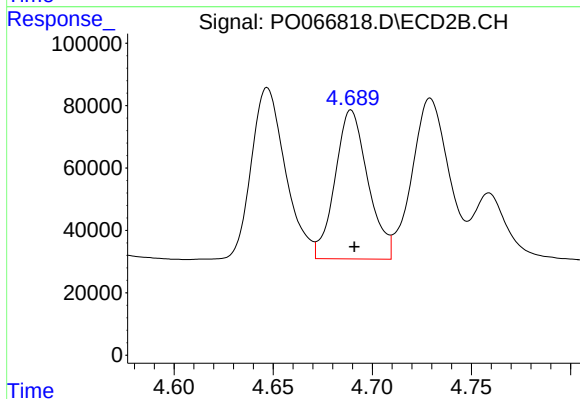
#5 AR-1016-3

R.T.: 4.647 min
Delta R.T.: -0.002 min
Response: 649822
Conc: 467.81 ng/ml



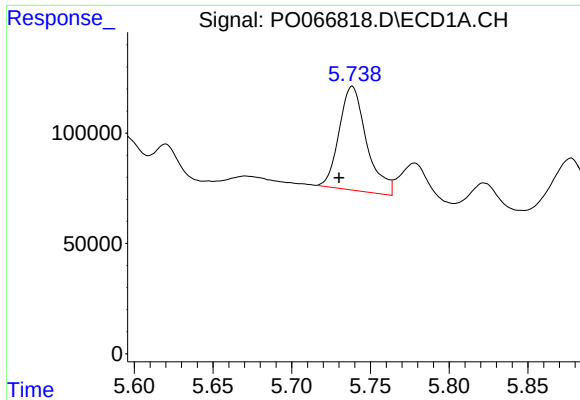
#6 AR-1016-4

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 712946
Conc: 559.62 ng/ml



#6 AR-1016-4

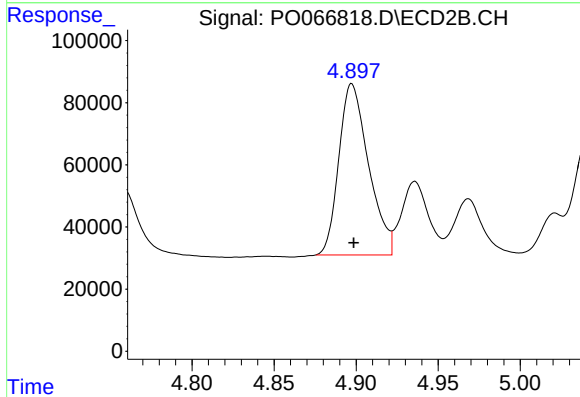
R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 552483
Conc: 478.07 ng/ml



#7 AR-1016-5

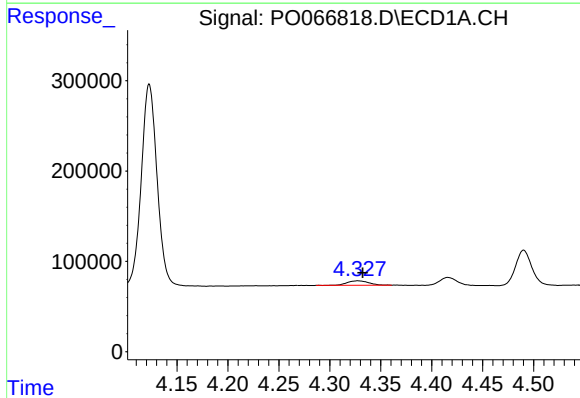
R.T.: 5.738 min
Delta R.T.: 0.008 min
Response: 571603
Conc: 538.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



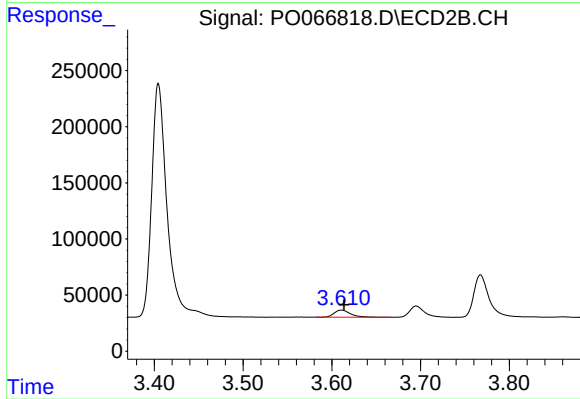
#7 AR-1016-5

R.T.: 4.897 min
Delta R.T.: -0.001 min
Response: 694109
Conc: 472.71 ng/ml



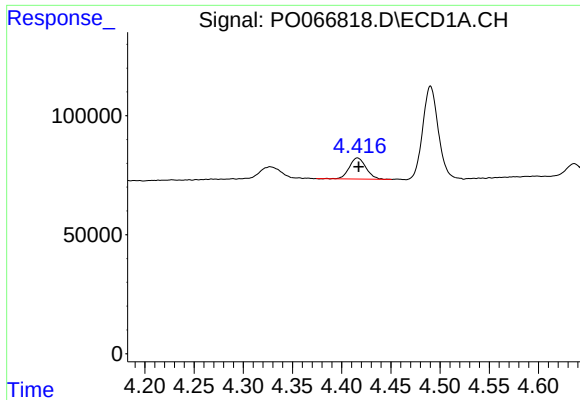
#8 AR-1221-1

R.T.: 4.328 min
Delta R.T.: -0.005 min
Response: 74490
Conc: 179.80 ng/ml



#8 AR-1221-1

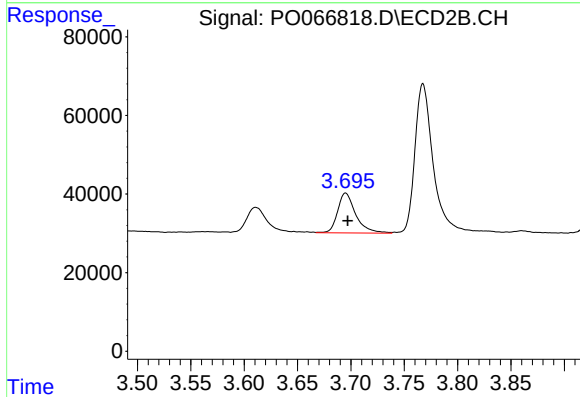
R.T.: 3.611 min
Delta R.T.: -0.003 min
Response: 83438
Conc: 160.64 ng/ml



#9 AR-1221-2

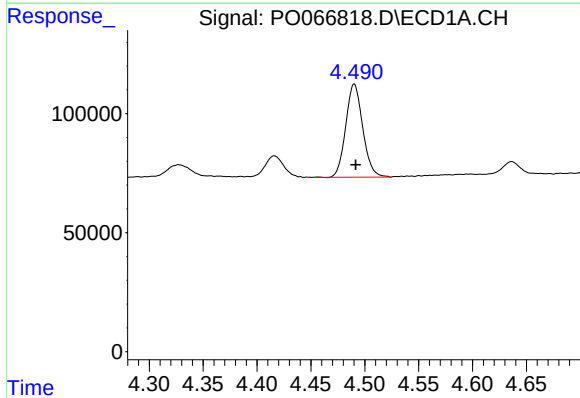
R.T.: 4.416 min
Delta R.T.: -0.001 min
Response: 104874
Conc: 339.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



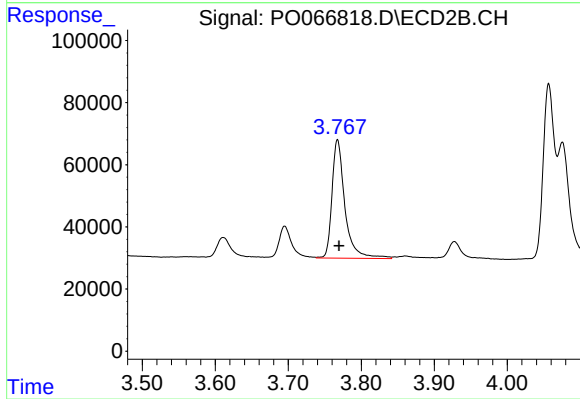
#9 AR-1221-2

R.T.: 3.695 min
Delta R.T.: -0.002 min
Response: 119672
Conc: 314.73 ng/ml



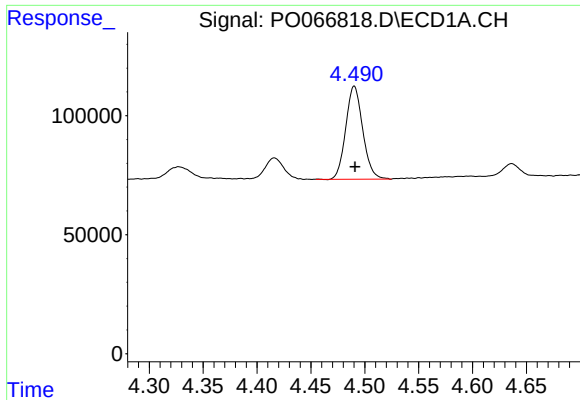
#10 AR-1221-3

R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 430384
Conc: 420.36 ng/ml



#10 AR-1221-3

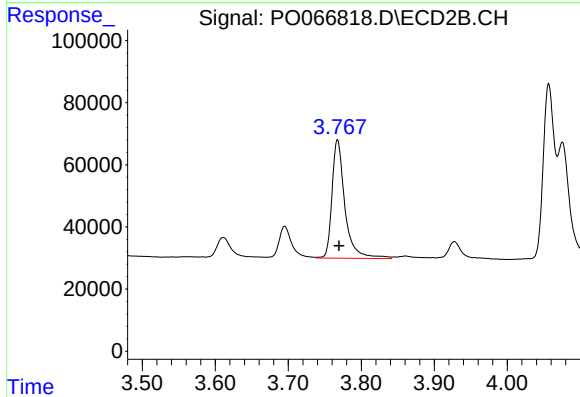
R.T.: 3.768 min
Delta R.T.: -0.002 min
Response: 467832
Conc: 392.89 ng/ml



#11 AR-1232-1

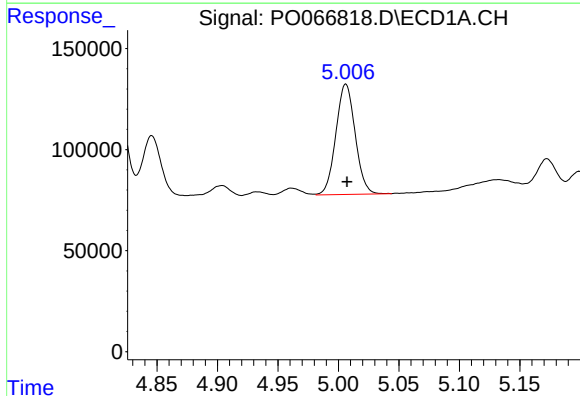
R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 430384
Conc: 537.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



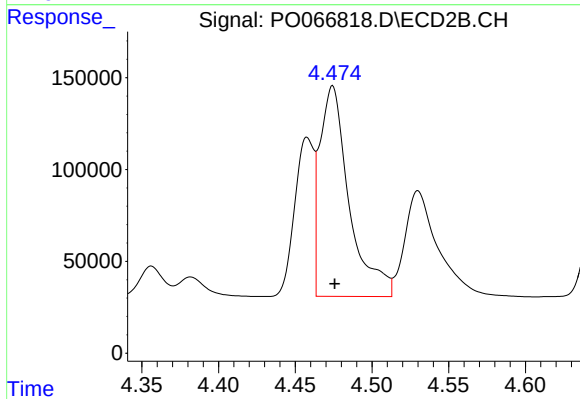
#11 AR-1232-1

R.T.: 3.768 min
Delta R.T.: -0.002 min
Response: 467832
Conc: 495.66 ng/ml



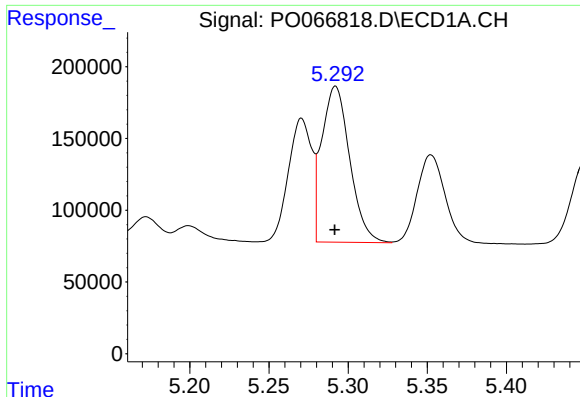
#12 AR-1232-2

R.T.: 5.006 min
Delta R.T.: -0.001 min
Response: 606683
Conc: 1450.43 ng/ml



#12 AR-1232-2

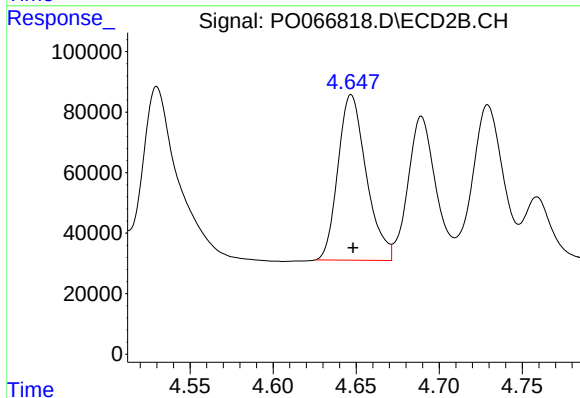
R.T.: 4.474 min
Delta R.T.: -0.001 min
Response: 1525336
Conc: 1149.15 ng/ml



#13 AR-1232-3

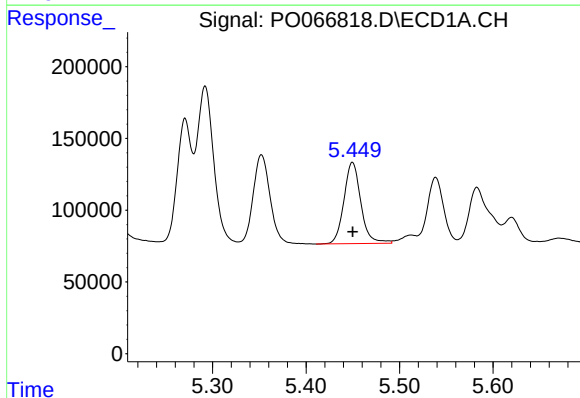
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 1337918
Conc: 1558.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



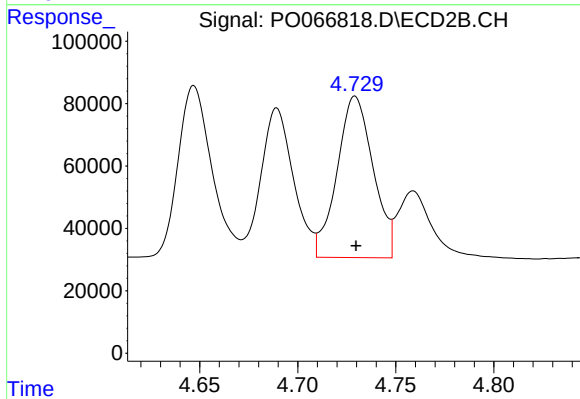
#13 AR-1232-3

R.T.: 4.647 min
Delta R.T.: -0.001 min
Response: 649822
Conc: 1228.20 ng/ml



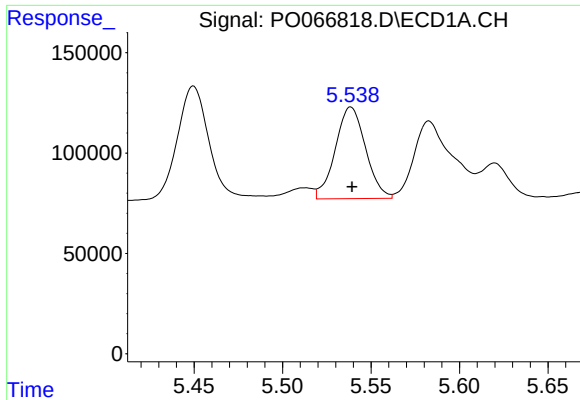
#14 AR-1232-4

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 712946
Conc: 1780.52 ng/ml



#14 AR-1232-4

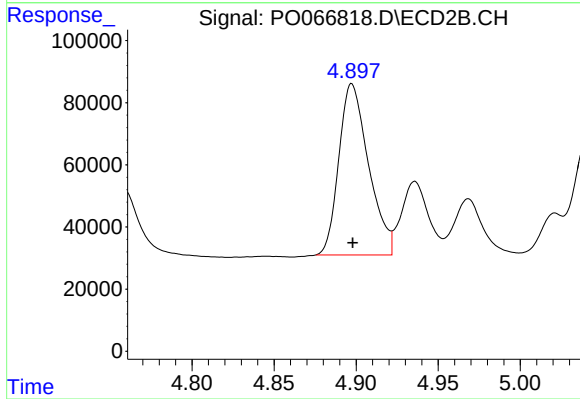
R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 663387
Conc: 1311.71 ng/ml



#15 AR-1232-5

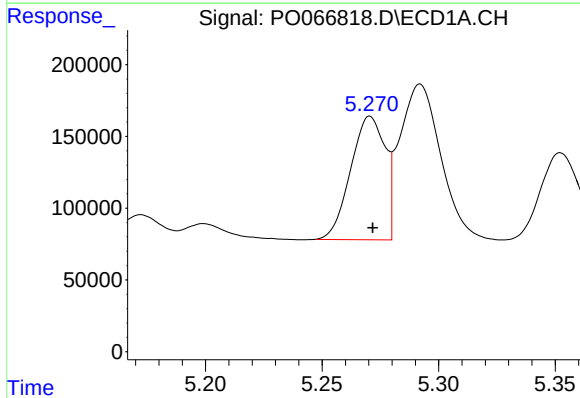
R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 543497
Conc: 1872.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



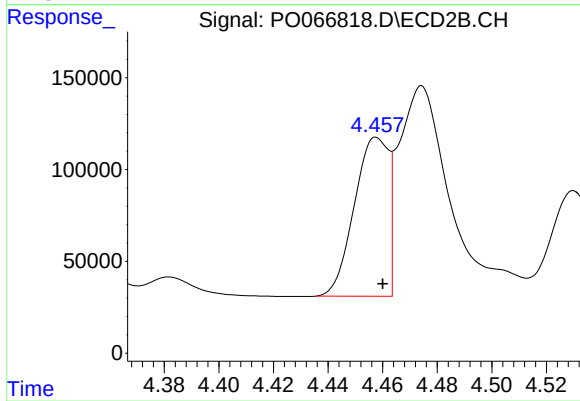
#15 AR-1232-5

R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 694109
Conc: 1091.02 ng/ml



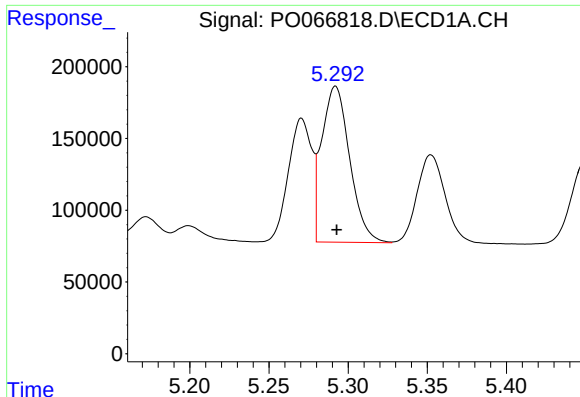
#16 AR-1242-1

R.T.: 5.271 min
Delta R.T.: -0.001 min
Response: 883418
Conc: 823.07 ng/ml



#16 AR-1242-1

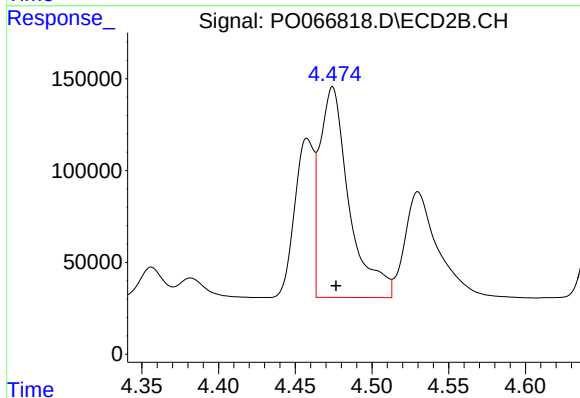
R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 751334
Conc: 714.67 ng/ml



#17 AR-1242-2

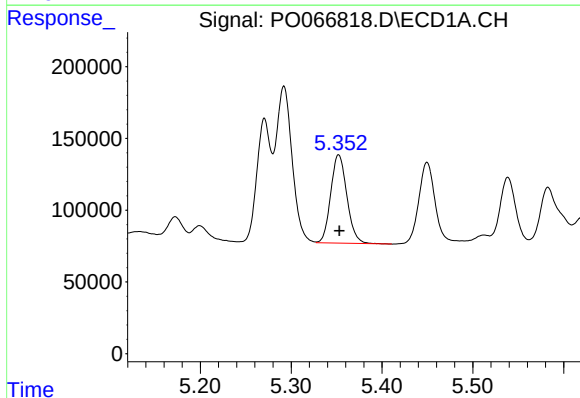
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 1337918
Conc: 826.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



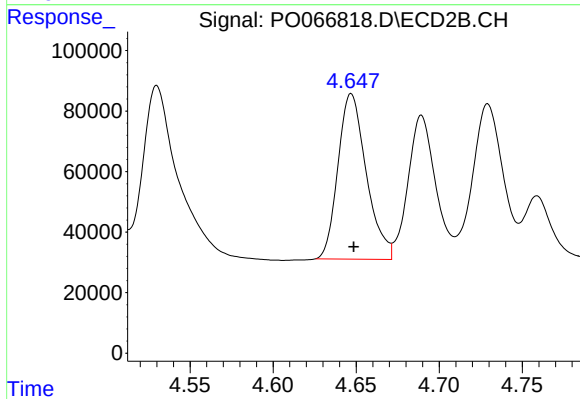
#17 AR-1242-2

R.T.: 4.474 min
Delta R.T.: -0.002 min
Response: 1525336
Conc: 642.69 ng/ml



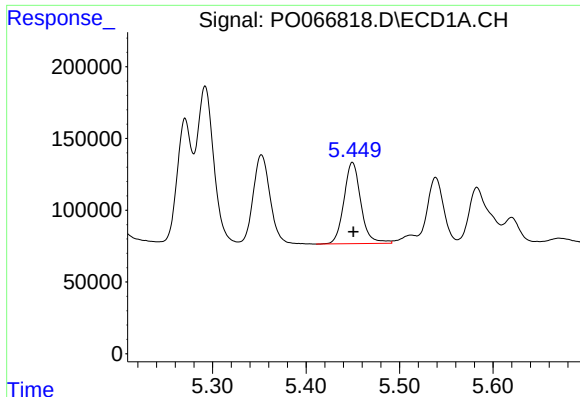
#18 AR-1242-3

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 760703
Conc: 803.51 ng/ml



#18 AR-1242-3

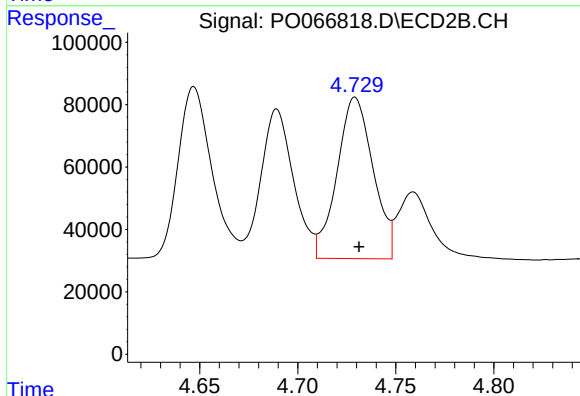
R.T.: 4.647 min
Delta R.T.: -0.002 min
Response: 649822
Conc: 688.52 ng/ml



#19 AR-1242-4

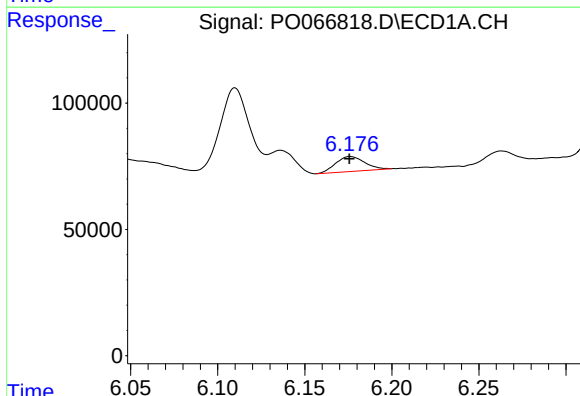
R.T.: 5.450 min
Delta R.T.: -0.001 min
Response: 712946
Conc: 893.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



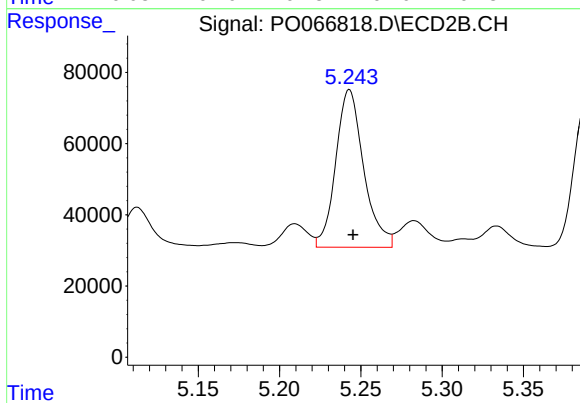
#19 AR-1242-4

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 663387
Conc: 706.77 ng/ml



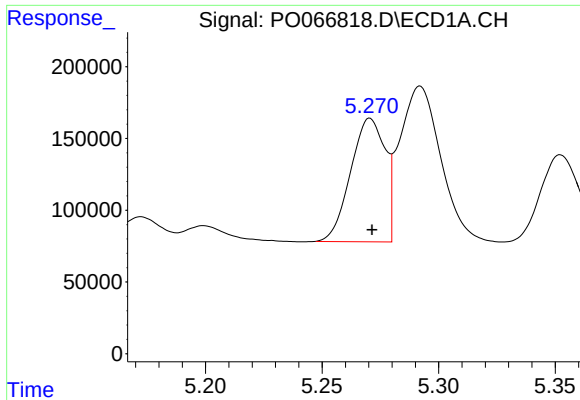
#20 AR-1242-5

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 68476
Conc: 88.08 ng/ml



#20 AR-1242-5

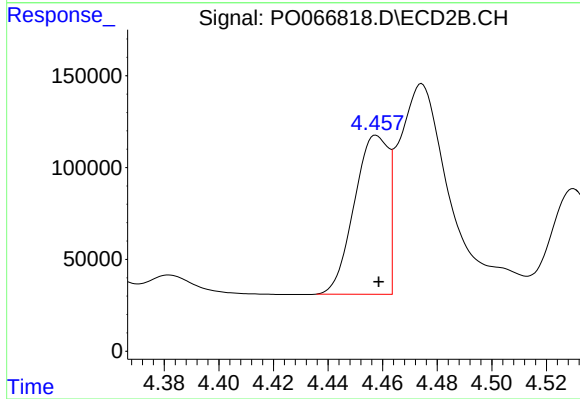
R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 529837
Conc: 388.96 ng/ml



#21 AR-1248-1

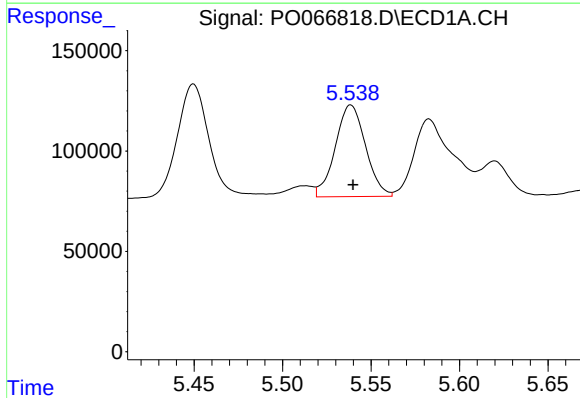
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 883418
Conc: 1104.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



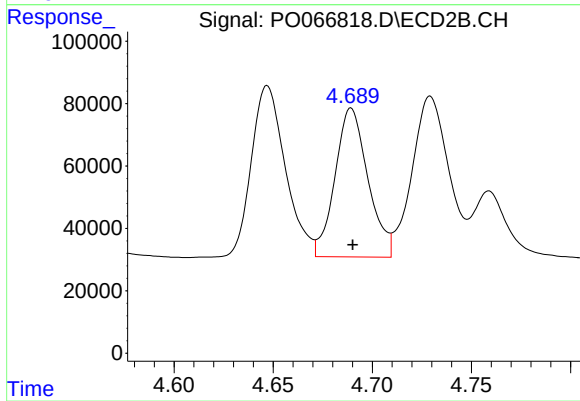
#21 AR-1248-1

R.T.: 4.458 min
Delta R.T.: 0.000 min
Response: 751334
Conc: 907.56 ng/ml



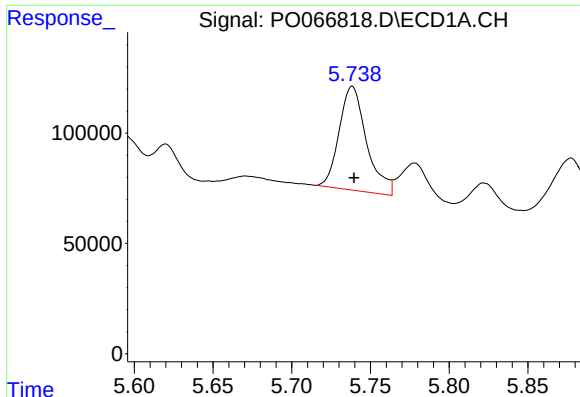
#22 AR-1248-2

R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 543497
Conc: 456.19 ng/ml



#22 AR-1248-2

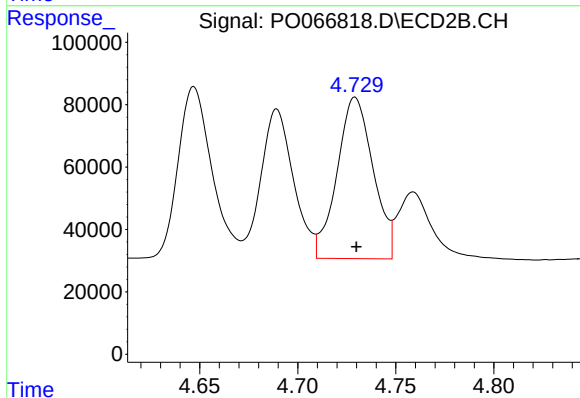
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 552483
Conc: 418.32 ng/ml



#23 AR-1248-3

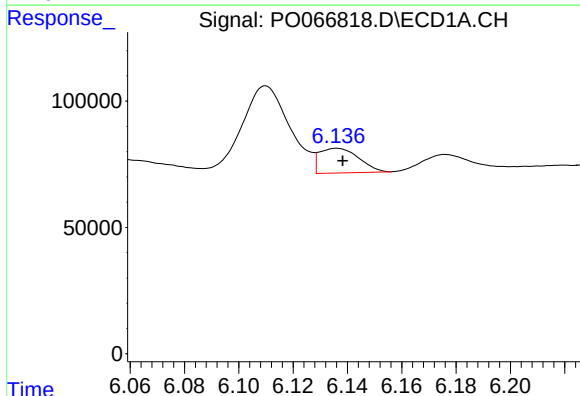
R.T.: 5.738 min
Delta R.T.: -0.001 min
Response: 571603
Conc: 455.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



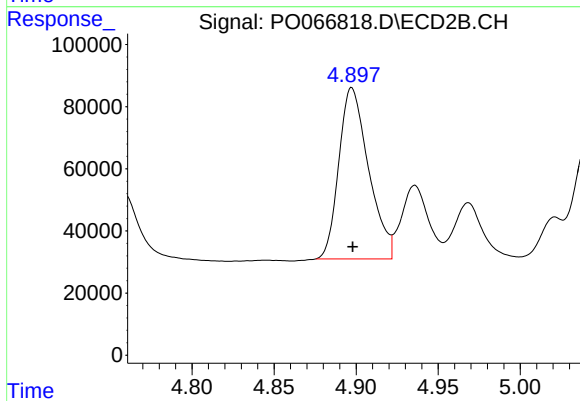
#23 AR-1248-3

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 663387
Conc: 490.28 ng/ml



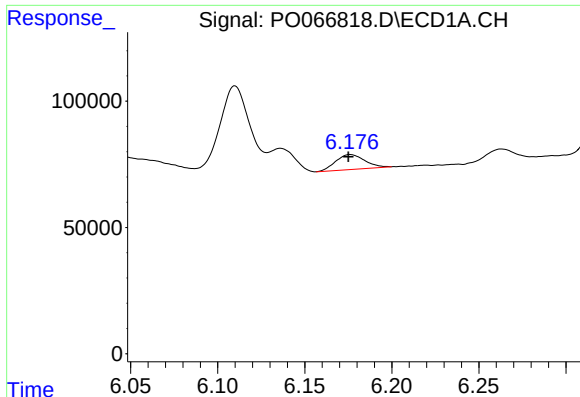
#24 AR-1248-4

R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 98325
Conc: 68.20 ng/ml



#24 AR-1248-4

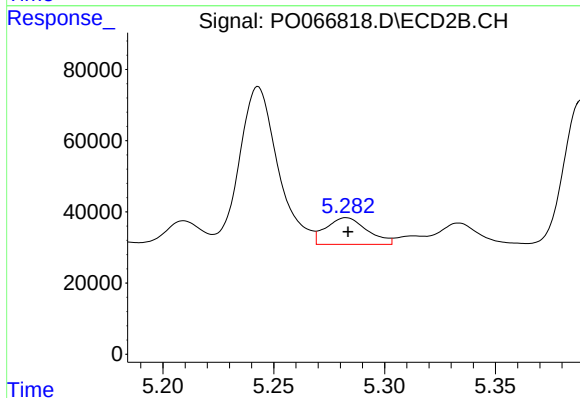
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 694109
Conc: 425.79 ng/ml



#25 AR-1248-5

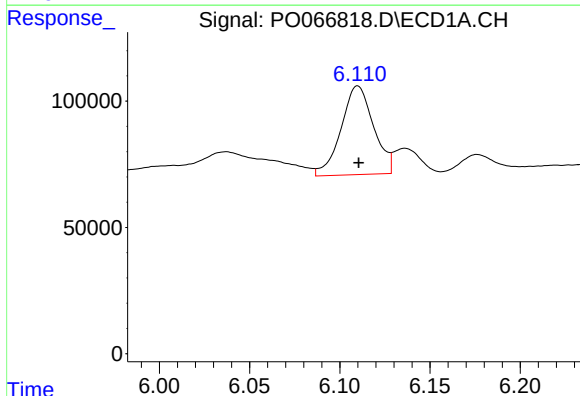
R.T.: 6.176 min
Delta R.T.: 0.001 min
Response: 68476
Conc: 50.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



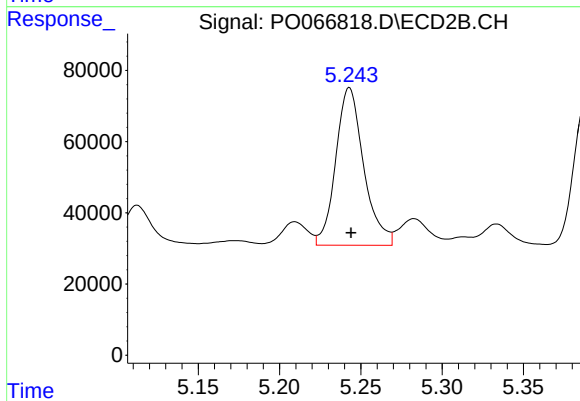
#25 AR-1248-5

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 96743
Conc: 47.28 ng/ml



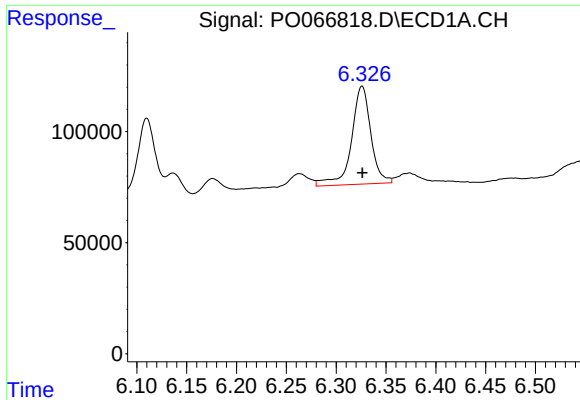
#26 AR-1254-1

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 440192
Conc: 277.71 ng/ml



#26 AR-1254-1

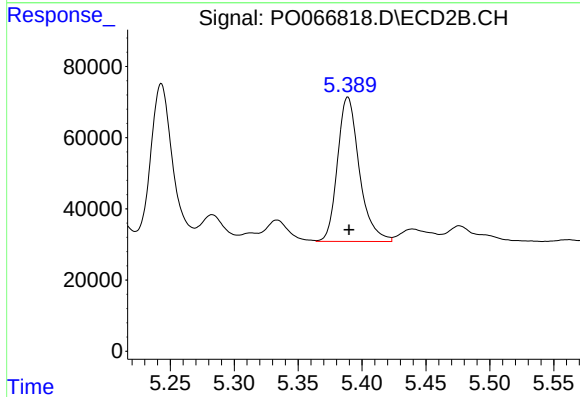
R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 529837
Conc: 187.86 ng/ml



#27 AR-1254-2

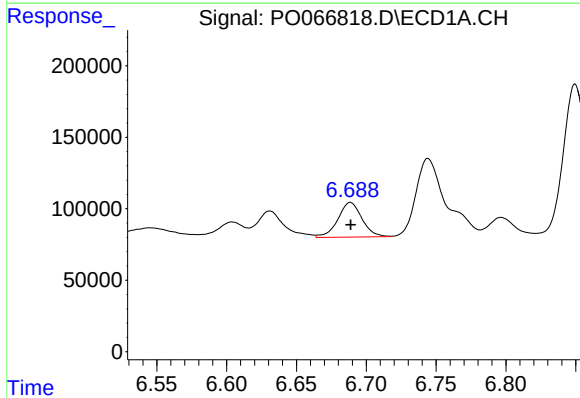
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 598629
Conc: 225.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



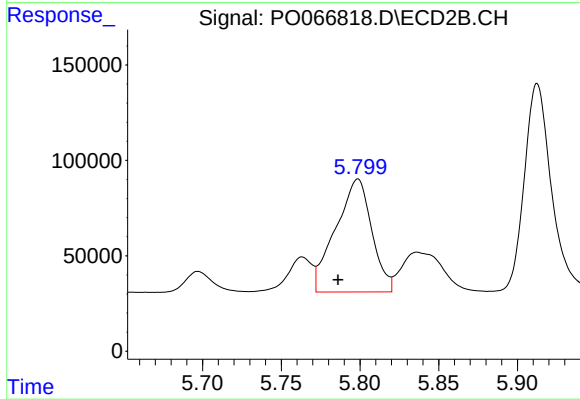
#27 AR-1254-2

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 482973
Conc: 201.05 ng/ml



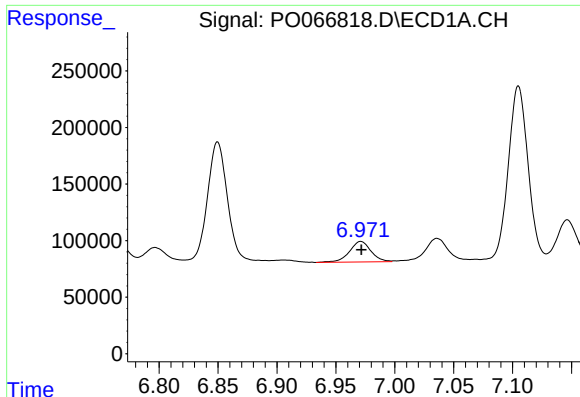
#28 AR-1254-3

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 291451
Conc: 110.22 ng/ml



#28 AR-1254-3

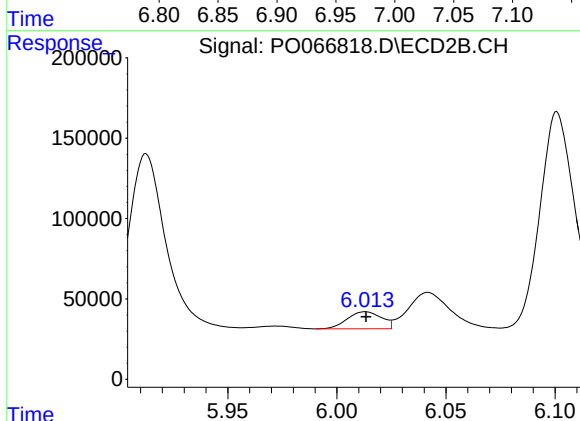
R.T.: 5.799 min
Delta R.T.: 0.013 min
Response: 945067
Conc: 245.00 ng/ml



#29 AR-1254-4

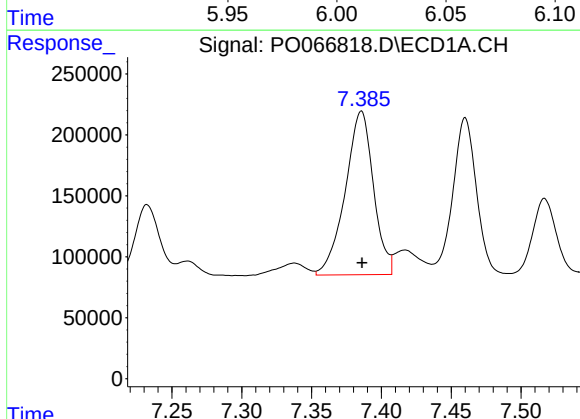
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 232148
Conc: 103.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



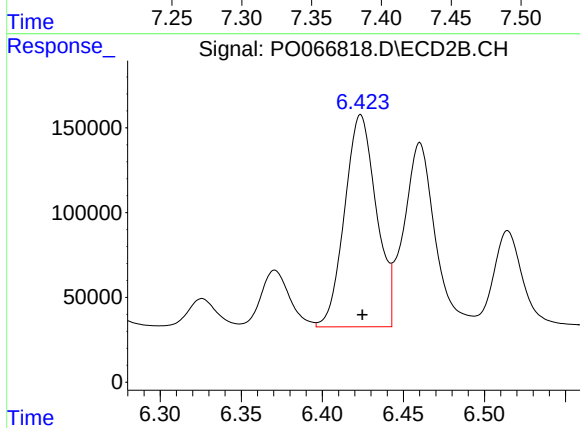
#29 AR-1254-4

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 115586
Conc: 48.26 ng/ml



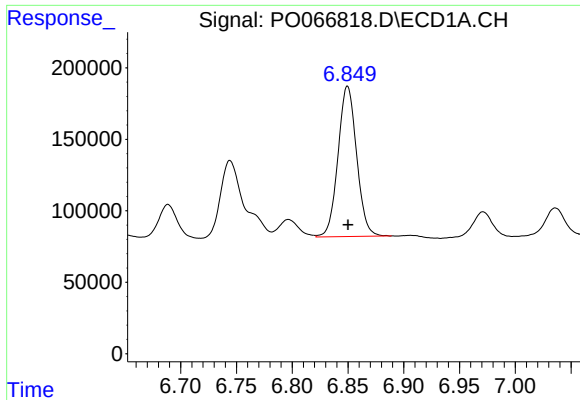
#30 AR-1254-5

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 1886538
Conc: 817.04 ng/ml



#30 AR-1254-5

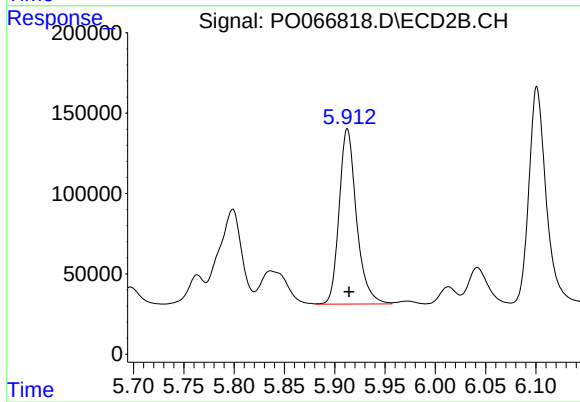
R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 1704648
Conc: 477.53 ng/ml



#31 AR-1260-1

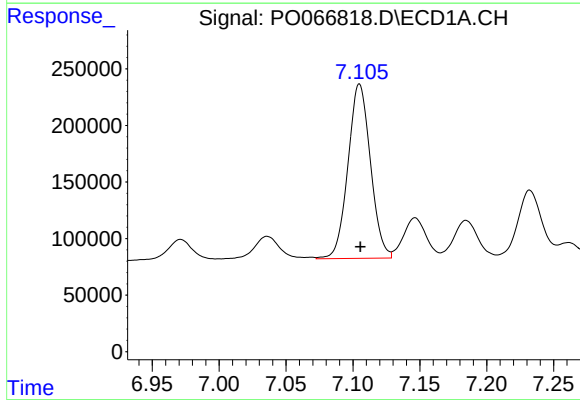
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 1225098
Conc: 545.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



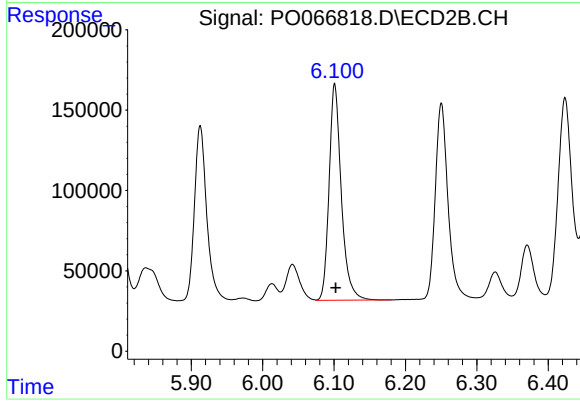
#31 AR-1260-1

R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 1310902
Conc: 439.89 ng/ml



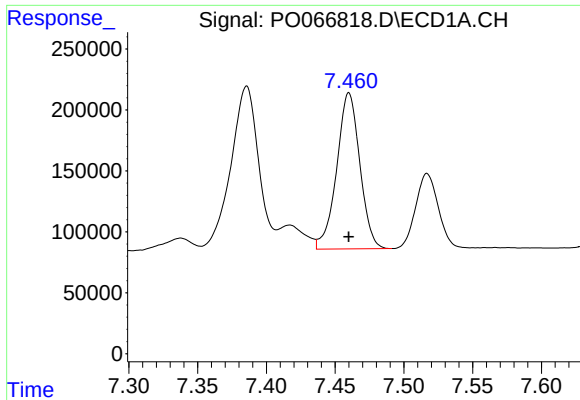
#32 AR-1260-2

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 1807251
Conc: 540.04 ng/ml



#32 AR-1260-2

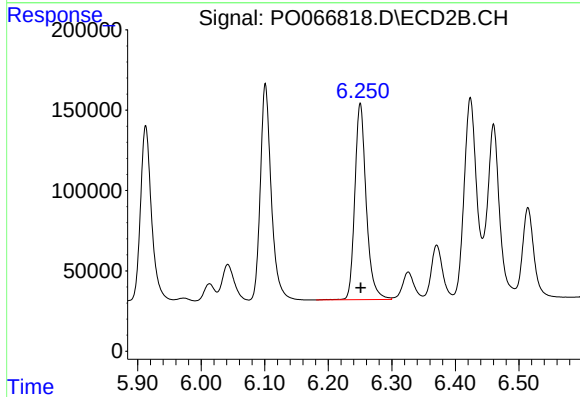
R.T.: 6.101 min
Delta R.T.: -0.001 min
Response: 1605181
Conc: 405.12 ng/ml



#33 AR-1260-3

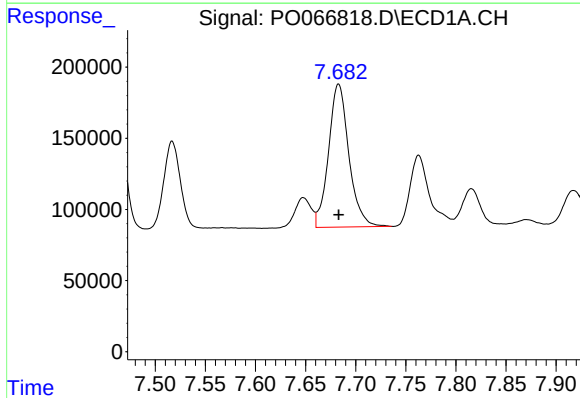
R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 1500089
Conc: 501.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



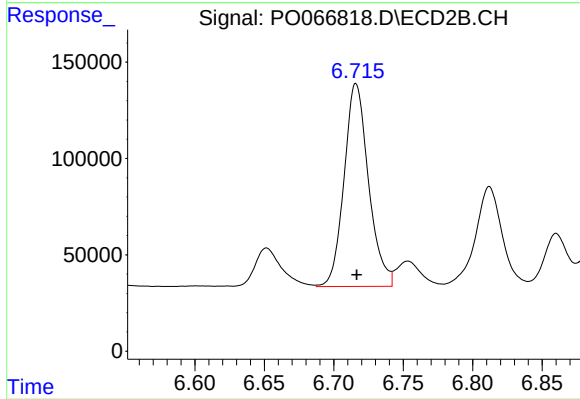
#33 AR-1260-3

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1522304
Conc: 432.31 ng/ml



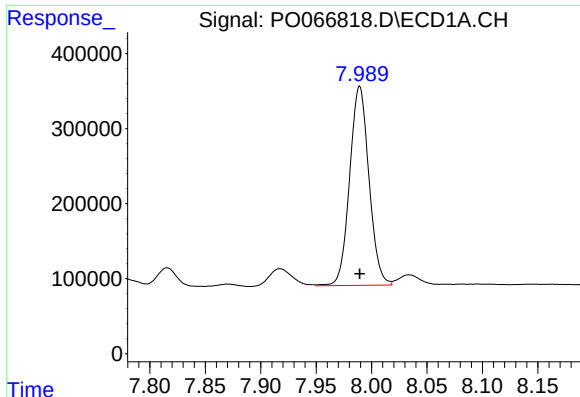
#34 AR-1260-4

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 1421490
Conc: 565.86 ng/ml



#34 AR-1260-4

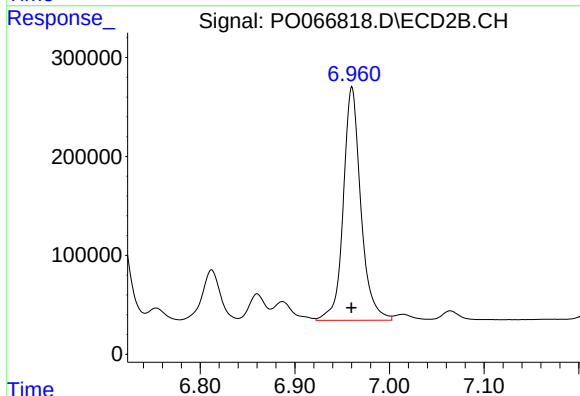
R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 1291484
Conc: 440.97 ng/ml



#35 AR-1260-5

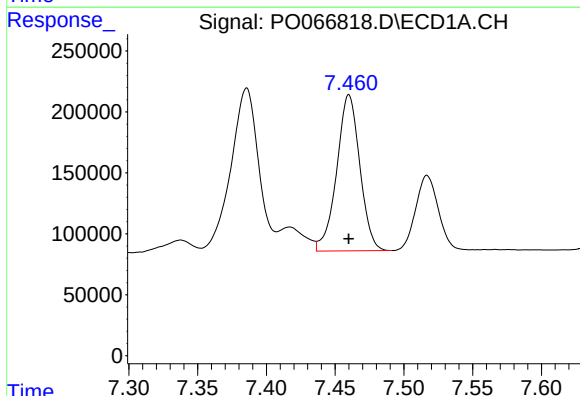
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 3218477
Conc: 520.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



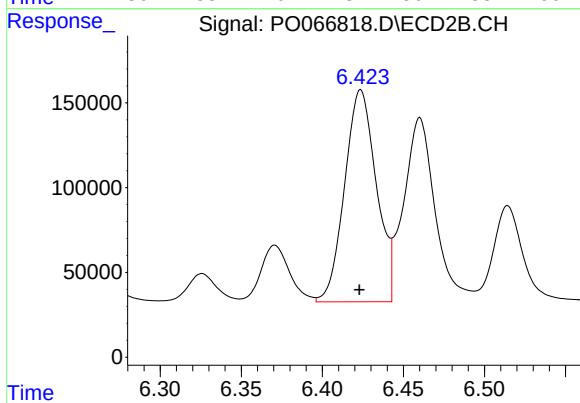
#35 AR-1260-5

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 3038388
Conc: 401.62 ng/ml



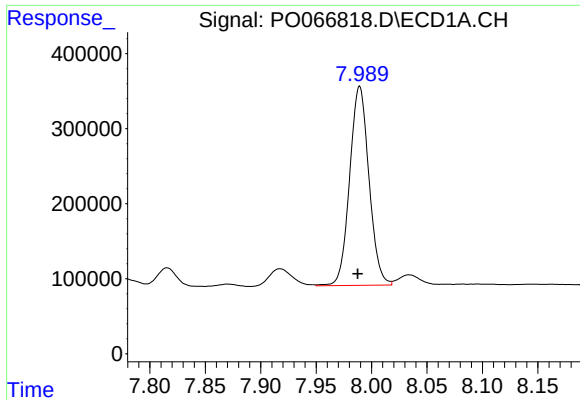
#36 AR-1262-1

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 1500089
Conc: 386.30 ng/ml



#36 AR-1262-1

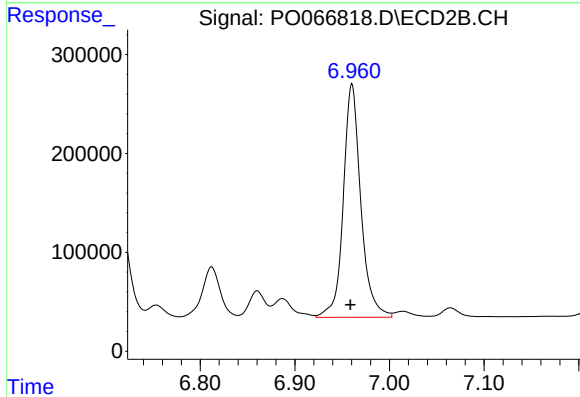
R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 1704648
Conc: 884.12 ng/ml



#37 AR-1262-2

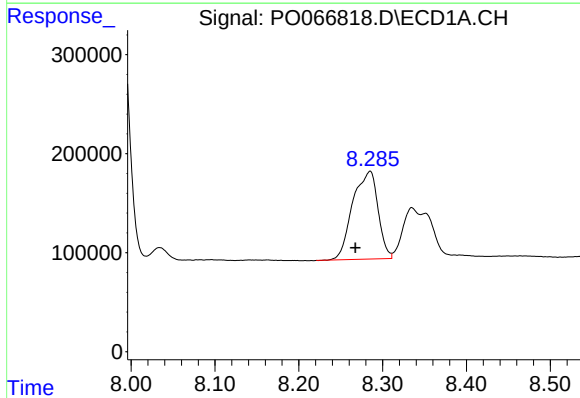
R.T.: 7.989 min
Delta R.T.: 0.002 min
Response: 3218477
Conc: 512.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



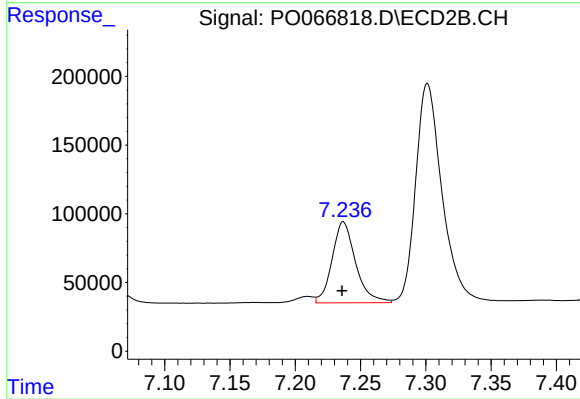
#37 AR-1262-2

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 3038388
Conc: 380.30 ng/ml



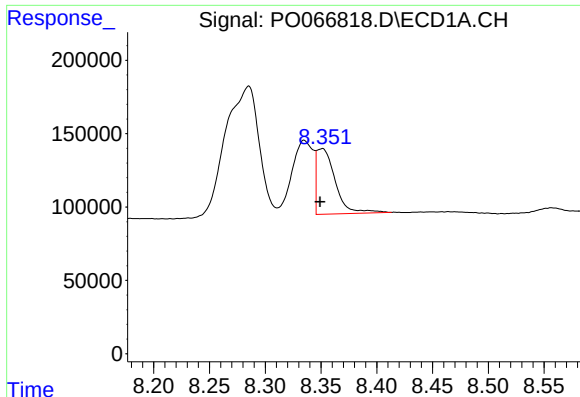
#38 AR-1262-3

R.T.: 8.285 min
Delta R.T.: 0.017 min
Response: 1860196
Conc: 457.91 ng/ml



#38 AR-1262-3

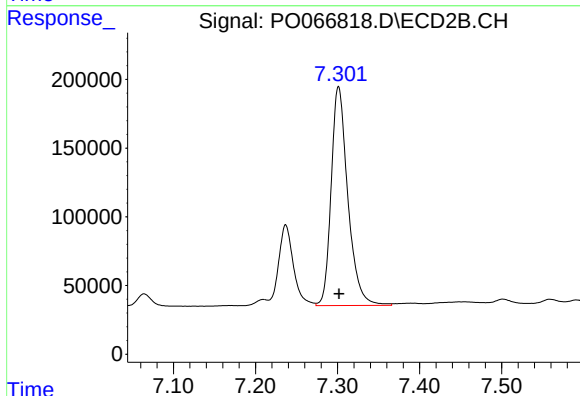
R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 740968
Conc: 227.84 ng/ml



#39 AR-1262-4

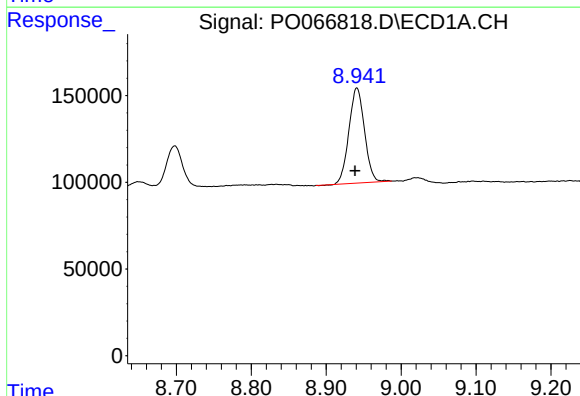
R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 522656
Conc: 169.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



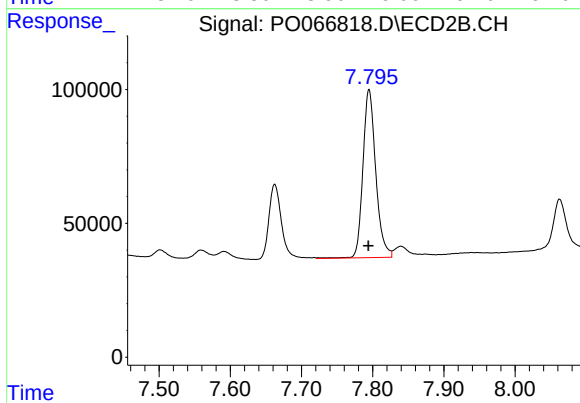
#39 AR-1262-4

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 2250671
Conc: 391.57 ng/ml



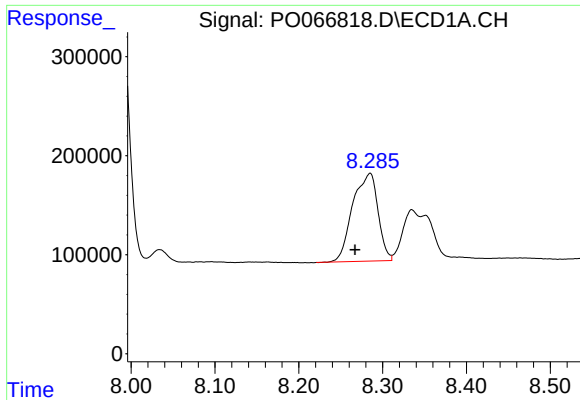
#40 AR-1262-5

R.T.: 8.941 min
Delta R.T.: 0.002 min
Response: 793648
Conc: 390.11 ng/ml



#40 AR-1262-5

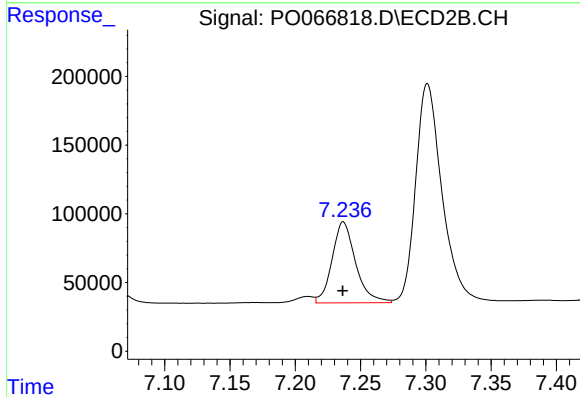
R.T.: 7.795 min
Delta R.T.: 0.001 min
Response: 787085
Conc: 314.04 ng/ml



#41 AR-1268-1

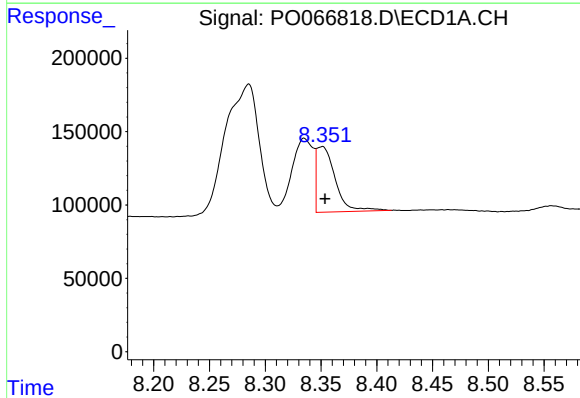
R.T.: 8.285 min
Delta R.T.: 0.018 min
Response: 1860196
Conc: 230.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



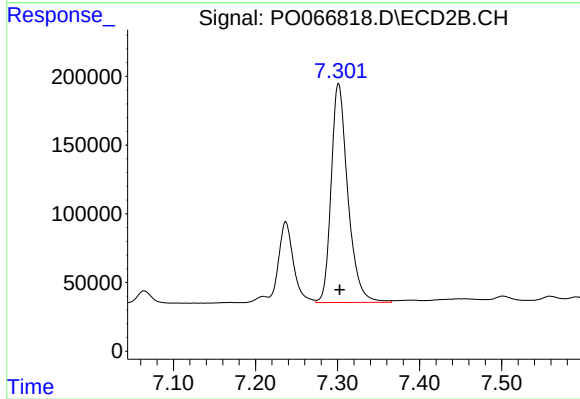
#41 AR-1268-1

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 740968
Conc: 75.97 ng/ml



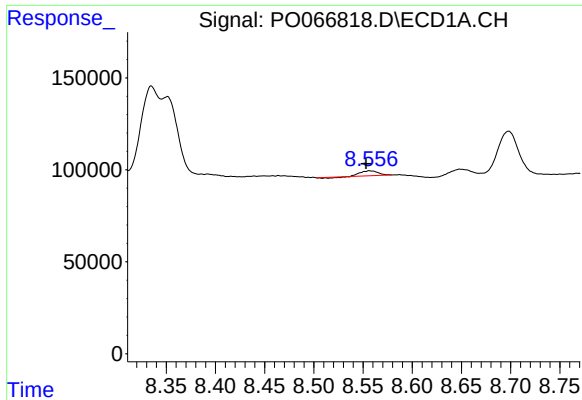
#42 AR-1268-2

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 522656
Conc: 76.74 ng/ml



#42 AR-1268-2

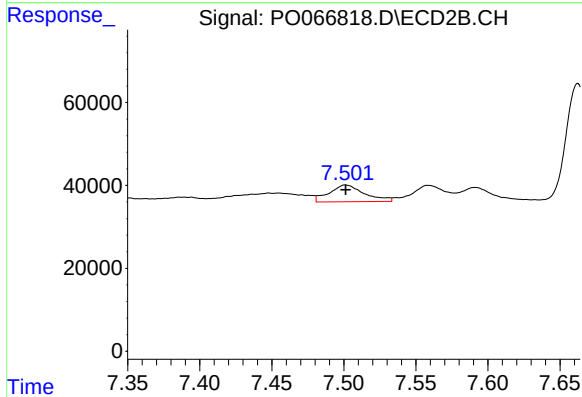
R.T.: 7.301 min
Delta R.T.: -0.001 min
Response: 2250671
Conc: 247.58 ng/ml



#43 AR-1268-3

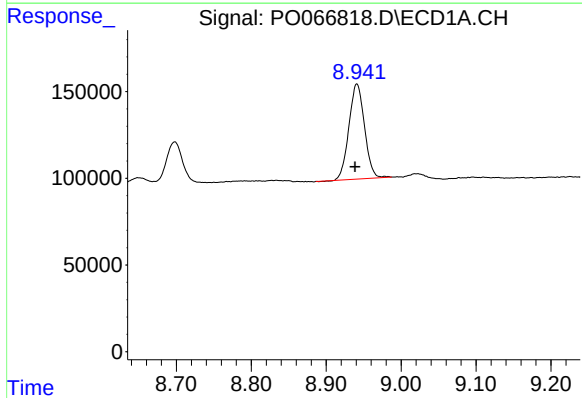
R.T.: 8.557 min
Delta R.T.: 0.004 min
Response: 29625
Conc: 5.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



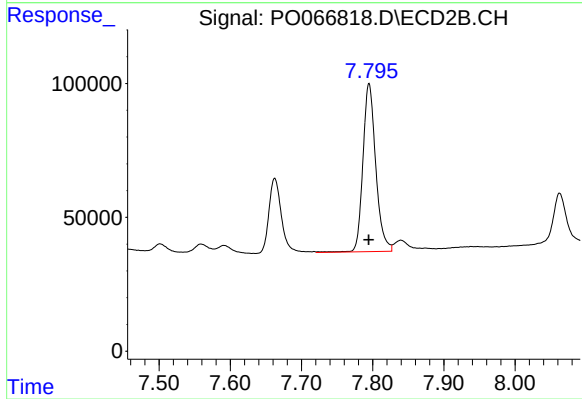
#43 AR-1268-3

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 68738
Conc: 8.95 ng/ml



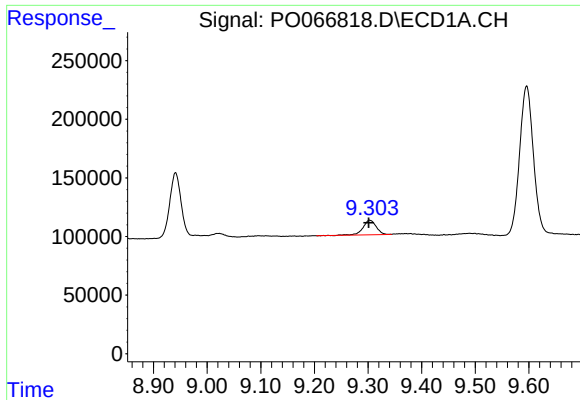
#44 AR-1268-4

R.T.: 8.941 min
Delta R.T.: 0.002 min
Response: 793648
Conc: 335.78 ng/ml



#44 AR-1268-4

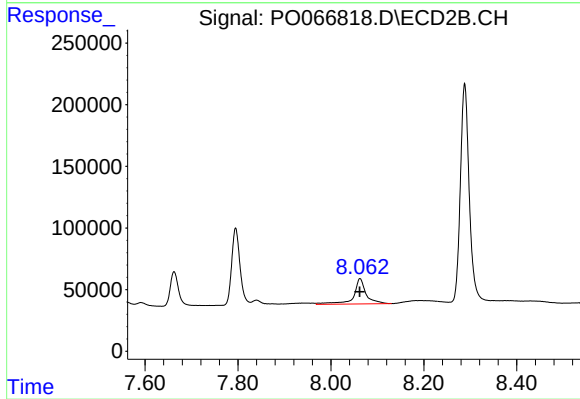
R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 787085
Conc: 265.92 ng/ml



#45 AR-1268-5

R.T.: 9.303 min
Delta R.T.: 0.002 min
Response: 212265
Conc: 12.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 381532
Conc: 17.60 ng/ml