

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091218\
 Data File : P0048930.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Sep 2018 14:22
 Operator : SM/SJ
 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: Sep 13 00:50:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 2018
 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...	4.397	3.526	7956847	9522215	48.568	52.196
2)	SA Decachlor...	10.111	8.462	10688864	9074175	47.977	48.900
Target Compounds							
3)	L1 AR-1016-1	5.106	4.189	2105610	2597533	464.509	511.628
4)	L1 AR-1016-2	5.300	4.595	2201373	3901632	463.956	503.944
5)	L1 AR-1016-3	5.569	4.614	3350938	5242419	463.548	507.496
6)	L1 AR-1016-4	5.653	4.668	2848095	3682697	452.993	495.342
7)	L1 AR-1016-5	6.046	5.039	2464946	4815250	463.719	694.093 #
8)	L2 AR-1221-1	4.601	3.736	231873	350919	129.667	172.809 #
9)	L2 AR-1221-2	4.696	3.821	381579	503400	278.711	325.678
10)	L2 AR-1221-3	4.771	3.896	1455549	1812543	321.839	380.271
11)	L3 AR-1232-1	5.497	4.377	445670	2720754	1230.906	1373.062
12)	L3 AR-1232-2	5.752	4.492	2422516	892058	1261.702	1317.467
13)	L3 AR-1232-3	5.925	4.870	929769	2882503	1723.919	1536.119
14)	L3 AR-1232-4	6.255	5.186	1780506	4552764	3698.770	2171.114 #
15)	L3 AR-1232-5	7.118	0.000	1489401	0	4821.746	N.D. #
16)	L4 AR-1242-1	5.137	4.209	1152943	1456062	689.788	771.277
17)	L4 AR-1242-2	5.886	4.787	2063489	3068801	634.067	737.850
18)	L4 AR-1242-3	6.088	4.901	1255594	1114896	800.209	761.783
19)	L4 AR-1242-4	6.131	5.256	1259666	2299241	1047.949	1826.153 #
20)	L4 AR-1242-5	6.187	5.643	3741180	148435	861.408	43.853 #
21)	L5 AR-1248-1	5.841	4.829	1998045	2313996	359.191	345.012
22)	L5 AR-1248-2	6.423	5.387	4051574	4006819	665.857	315.192 #
23)	L5 AR-1248-3	6.450	5.415	1336946	2614765	166.568	291.281 #
24)	L5 AR-1248-4	6.489	5.598	1041269	391648	135.790	48.258 #
25)	L5 AR-1248-5	6.687	5.947	109367	5788488	20.868	922.956 #
26)	L6 AR-1254-1	6.641	5.532	2011104	2988759	129.110	225.412 #
27)	L6 AR-1254-2	6.923	5.843	471765	3980487	46.494	341.056 #
28)	L6 AR-1254-3	7.009	6.158	1841459	836554	102.769	56.643 #
29)	L6 AR-1254-4	7.293	6.479	3136946	811781	226.876	72.641 #
30)	L6 AR-1254-5	7.558	6.572	3535227	8408009	350.202	401.659
31)	L7 AR-1260-1	7.171	6.061	7147532	7576450	571.650	558.496
32)	L7 AR-1260-2	7.428	6.247	7741255	7708961	557.943	454.522
33)	L7 AR-1260-3	7.712	6.399	8444465	7031888	562.537	437.587
34)	L7 AR-1260-4	8.012	6.868	6017269	5840776	601.348	438.999 #
35)	L7 AR-1260-5	8.330	7.108	11114848	13704942	546.400	445.799
36)	L8 AR-1262-1	7.065	5.947	4540894	5788488	690.307	772.623
37)	L8 AR-1262-2	7.845	6.663	2600264	3160972	506.171	419.294
38)	L8 AR-1262-3	8.093	6.965	2908979	3354788	572.048	408.270 #
39)	L8 AR-1262-4	8.726	7.390	1693546	4143937	156.701	335.314 #
40)	L8 AR-1262-5	9.375	7.943	2924417	3376461	357.749	332.310
41)	L9 AR-1268-1	7.786	6.610	5075093	6040864	992.425	796.248

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

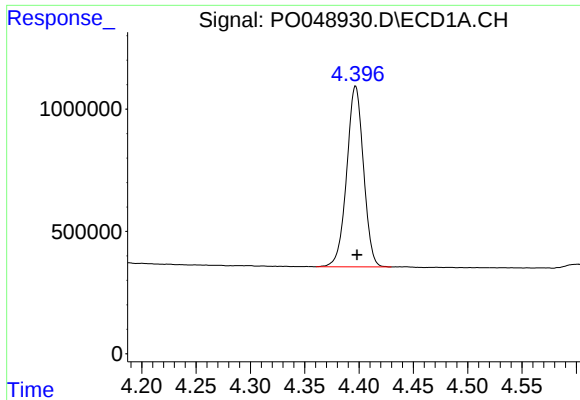
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 00:50:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.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	8.012	7.452	6017269	10385636	983.475	312.291 #
43) L9	AR-1268-3	8.652	7.660	6631414	189711	252.974	6.950 #
44) L9	AR-1268-4	8.952	7.749	152995	144955	7.094	18.713 #
45) L9	AR-1268-5	9.779	8.220	793995	894284	10.738	12.611

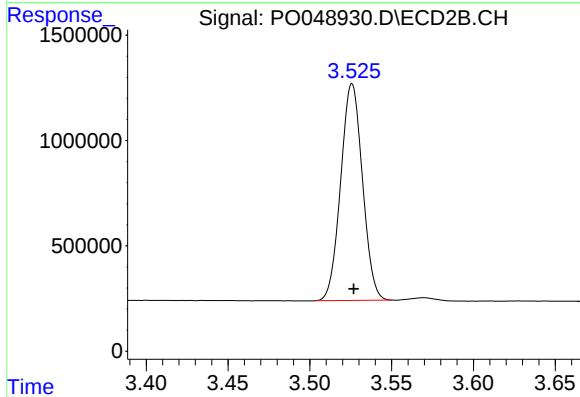
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

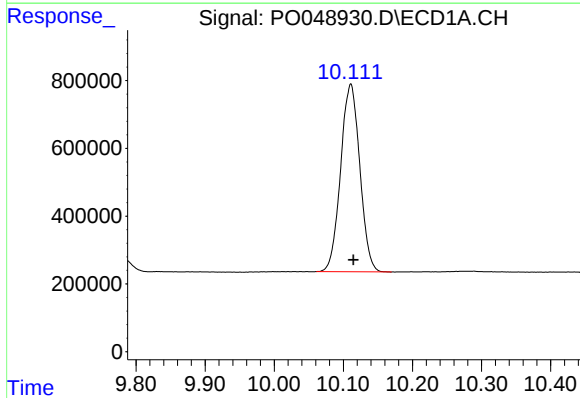
R.T.: 4.397 min
Delta R.T.: -0.001 min
Response: 7956847
Conc: 48.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



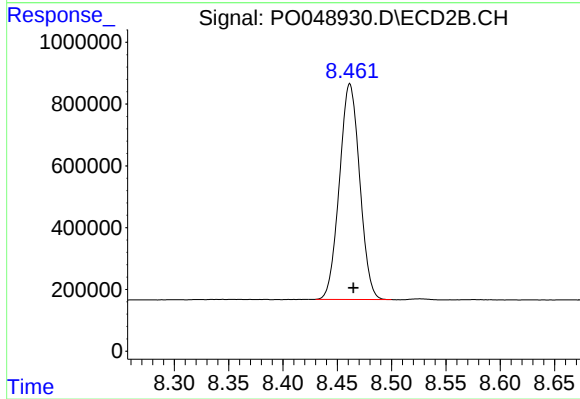
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 9522215
Conc: 52.20 ng/ml



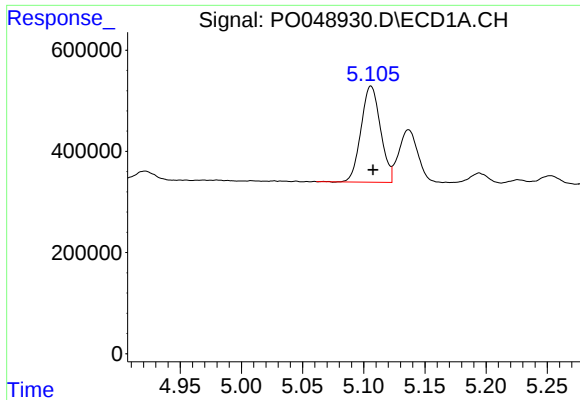
#2 Decachlorobiphenyl

R.T.: 10.111 min
Delta R.T.: -0.004 min
Response: 10688864
Conc: 47.98 ng/ml



#2 Decachlorobiphenyl

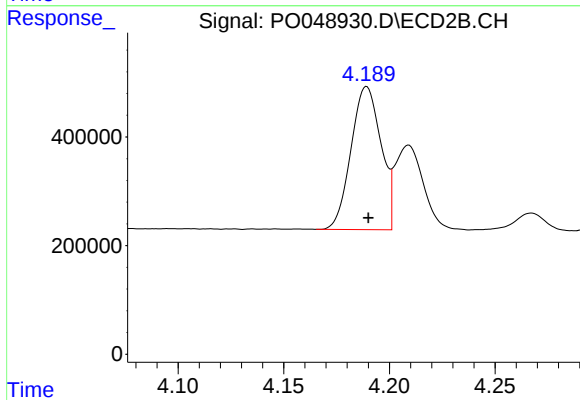
R.T.: 8.462 min
Delta R.T.: -0.003 min
Response: 9074175
Conc: 48.90 ng/ml



#3 AR-1016-1

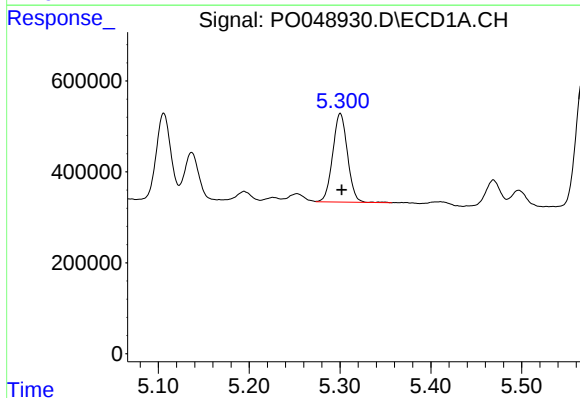
R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 2105610
Conc: 464.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



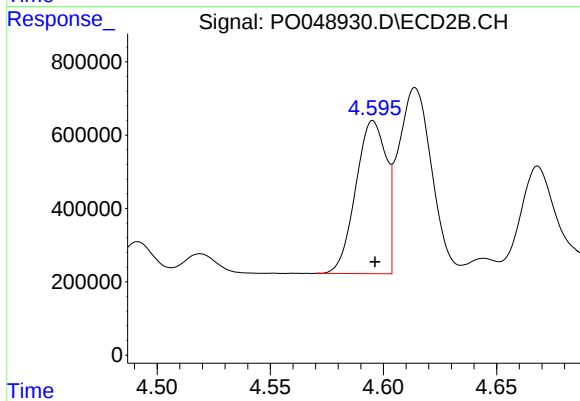
#3 AR-1016-1

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 2597533
Conc: 511.63 ng/ml



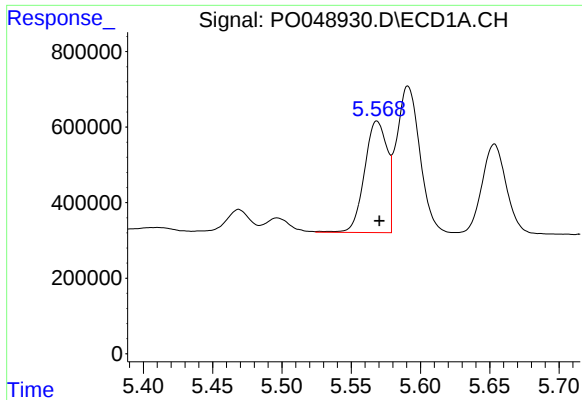
#4 AR-1016-2

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 2201373
Conc: 463.96 ng/ml



#4 AR-1016-2

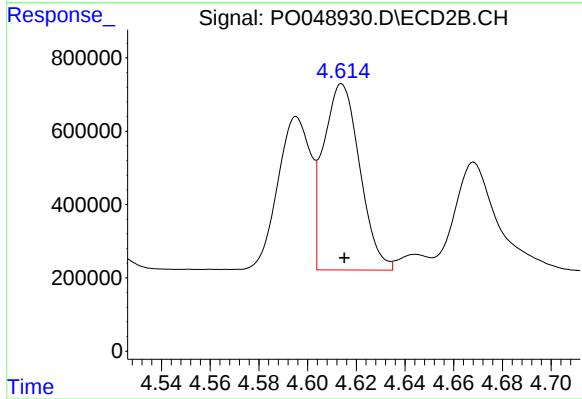
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 3901632
Conc: 503.94 ng/ml



#5 AR-1016-3

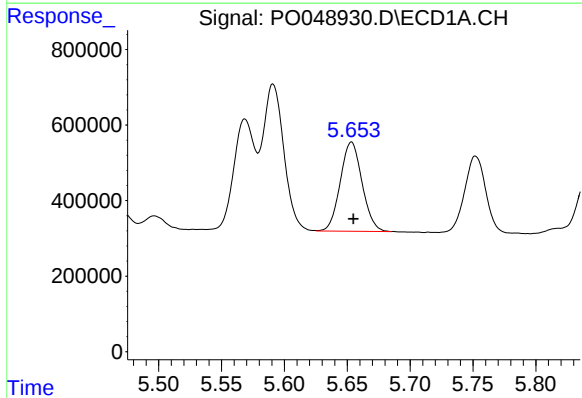
R.T.: 5.569 min
Delta R.T.: -0.002 min
Response: 3350938
Conc: 463.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



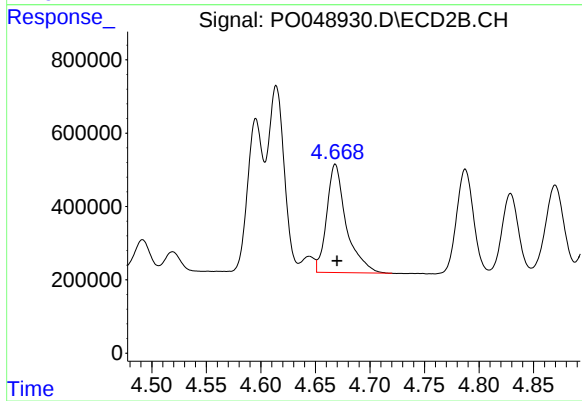
#5 AR-1016-3

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 5242419
Conc: 507.50 ng/ml



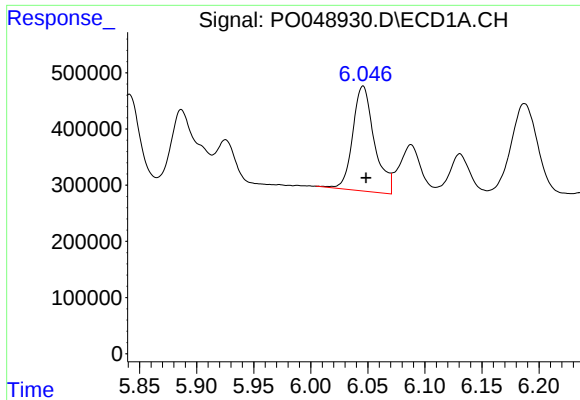
#6 AR-1016-4

R.T.: 5.653 min
Delta R.T.: -0.001 min
Response: 2848095
Conc: 452.99 ng/ml



#6 AR-1016-4

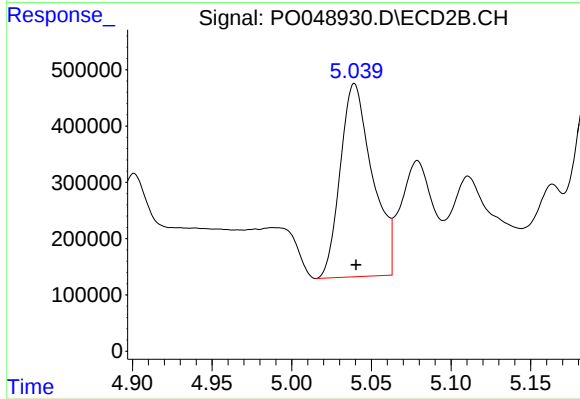
R.T.: 4.668 min
Delta R.T.: -0.002 min
Response: 3682697
Conc: 495.34 ng/ml



#7 AR-1016-5

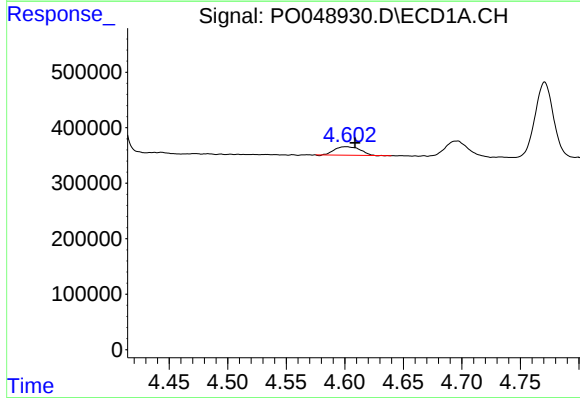
R.T.: 6.046 min
Delta R.T.: -0.003 min
Response: 2464946
Conc: 463.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



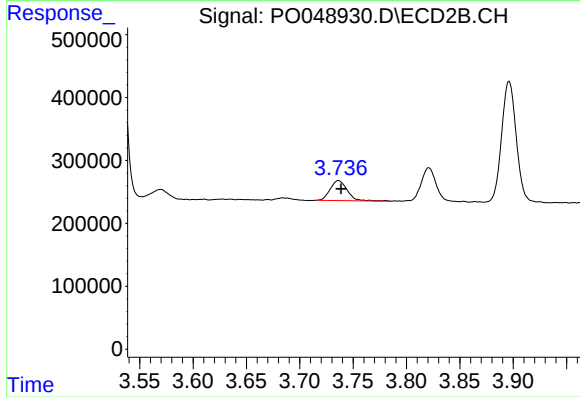
#7 AR-1016-5

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 4815250
Conc: 694.09 ng/ml



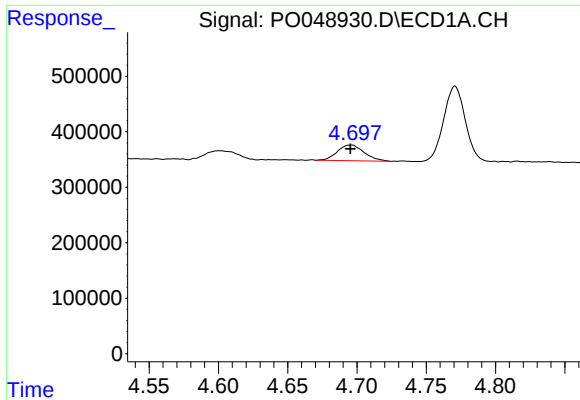
#8 AR-1221-1

R.T.: 4.601 min
Delta R.T.: -0.008 min
Response: 231873
Conc: 129.67 ng/ml



#8 AR-1221-1

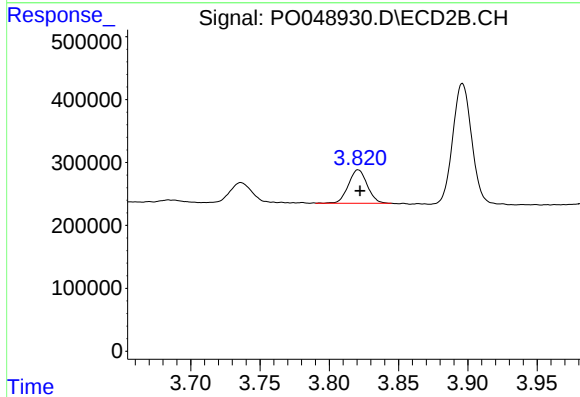
R.T.: 3.736 min
Delta R.T.: -0.002 min
Response: 350919
Conc: 172.81 ng/ml



#9 AR-1221-2

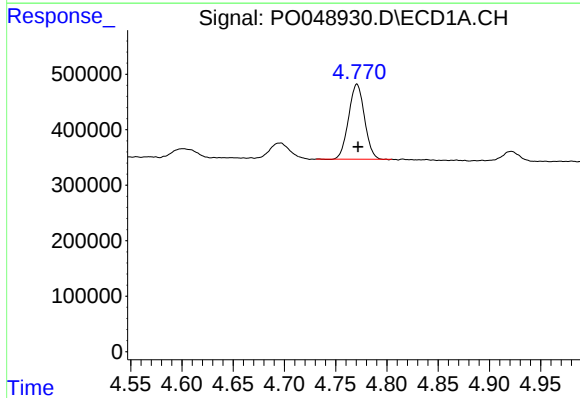
R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 381579
Conc: 278.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



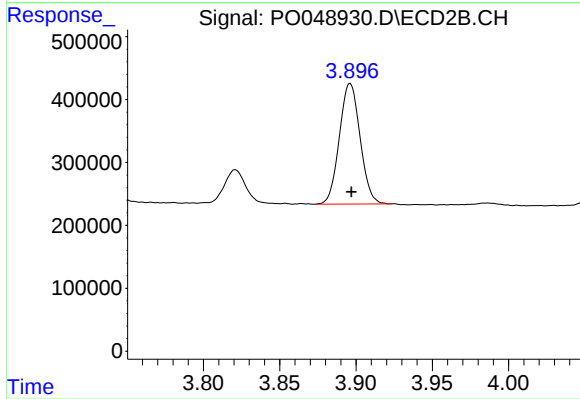
#9 AR-1221-2

R.T.: 3.821 min
Delta R.T.: -0.001 min
Response: 503400
Conc: 325.68 ng/ml



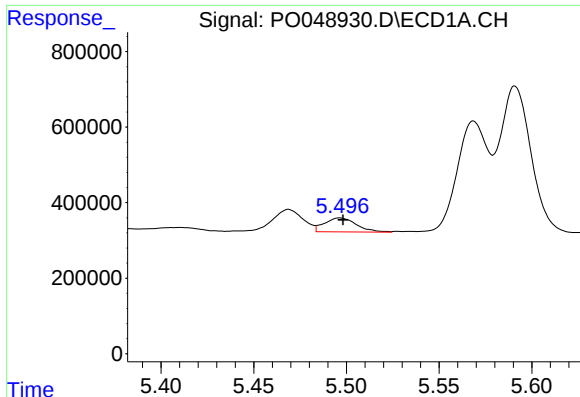
#10 AR-1221-3

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 1455549
Conc: 321.84 ng/ml



#10 AR-1221-3

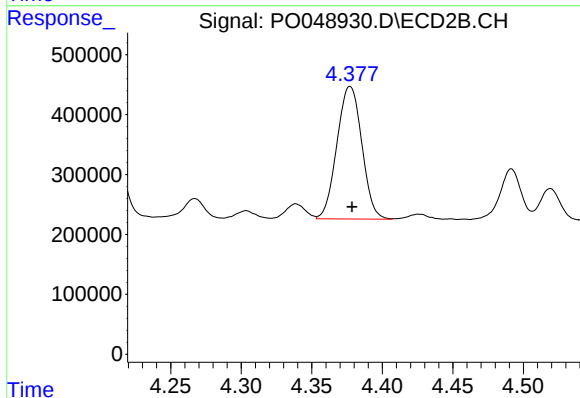
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 1812543
Conc: 380.27 ng/ml



#11 AR-1232-1

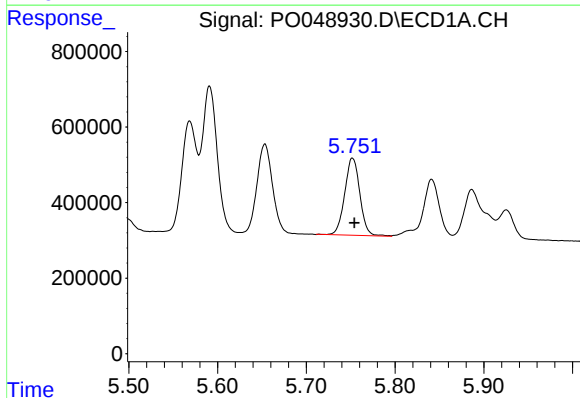
R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 445670
Conc: 1230.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



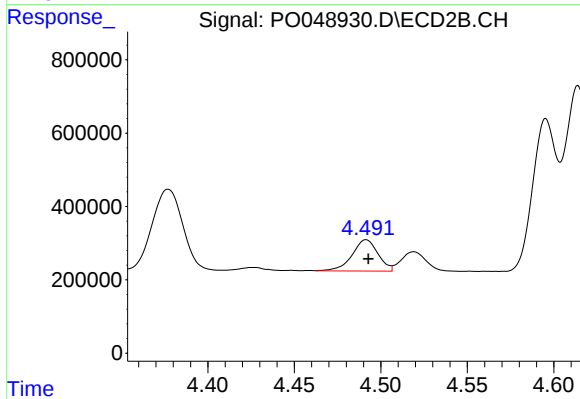
#11 AR-1232-1

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 2720754
Conc: 1373.06 ng/ml



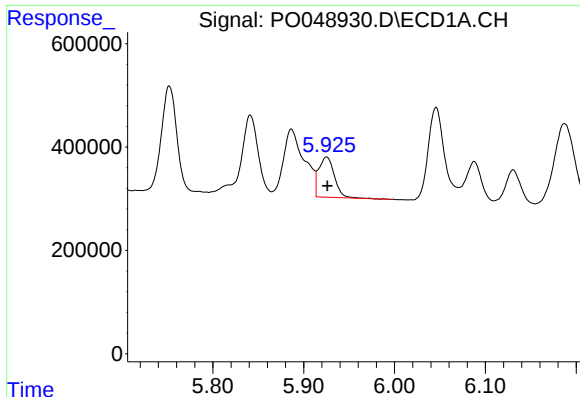
#12 AR-1232-2

R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 2422516
Conc: 1261.70 ng/ml



#12 AR-1232-2

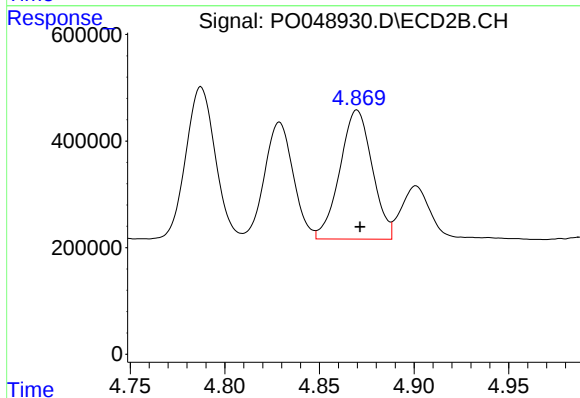
R.T.: 4.492 min
Delta R.T.: -0.001 min
Response: 892058
Conc: 1317.47 ng/ml



#13 AR-1232-3

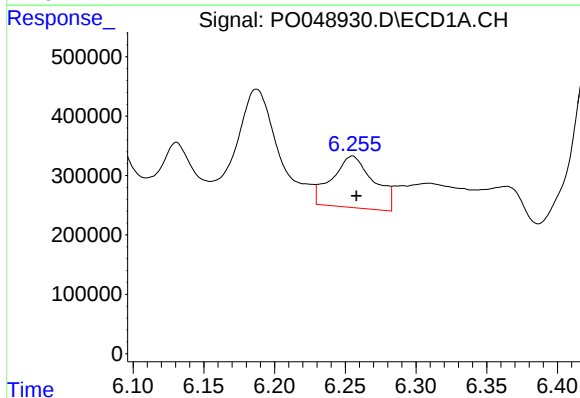
R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 929769
Conc: 1723.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



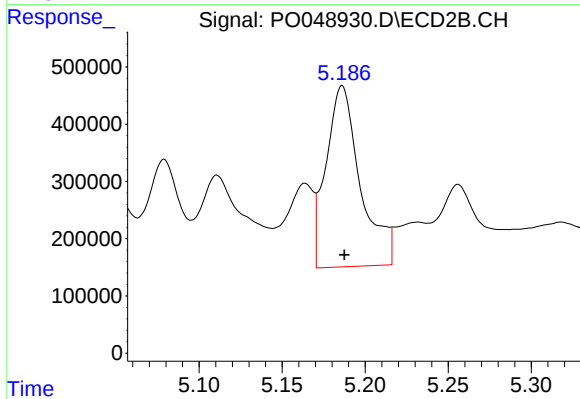
#13 AR-1232-3

R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 2882503
Conc: 1536.12 ng/ml



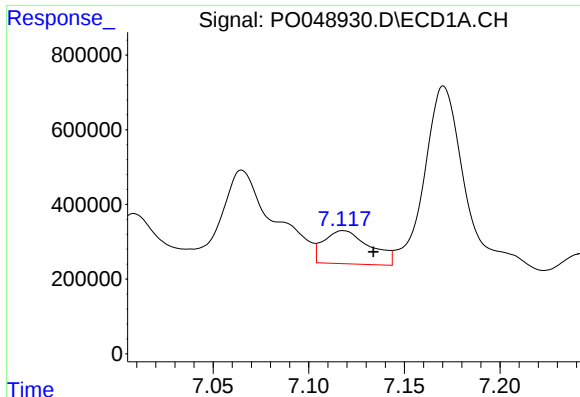
#14 AR-1232-4

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 1780506
Conc: 3698.77 ng/ml



#14 AR-1232-4

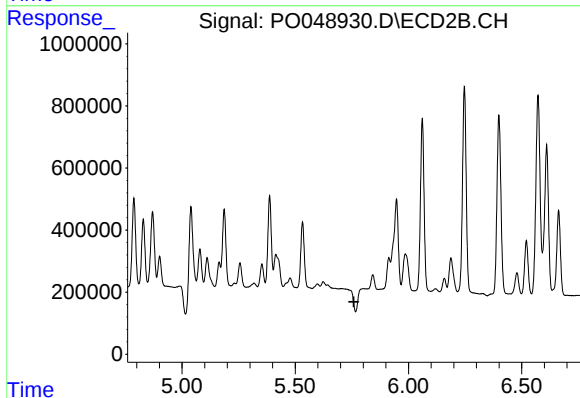
R.T.: 5.186 min
Delta R.T.: -0.001 min
Response: 4552764
Conc: 2171.11 ng/ml



#15 AR-1232-5

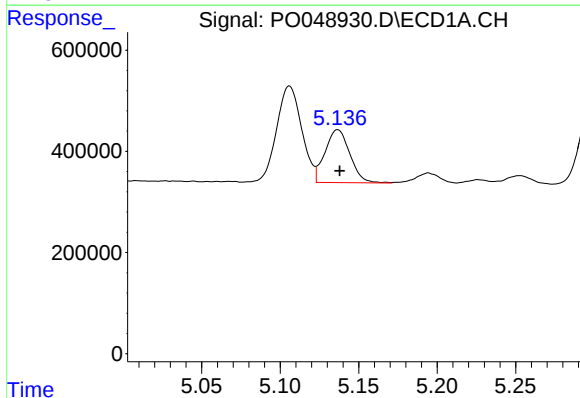
R.T.: 7.118 min
Delta R.T.: -0.016 min
Response: 1489401
Conc: 4821.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



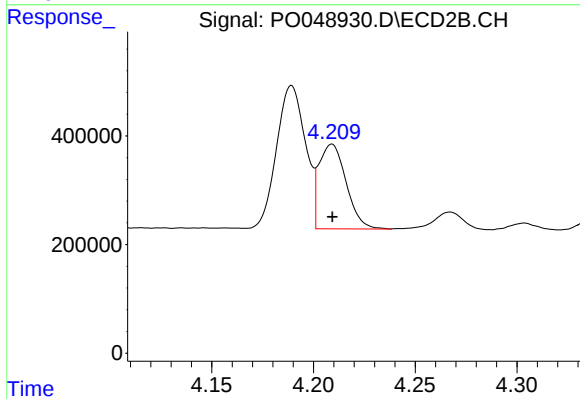
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.759 min
Response: 0
Conc: N.D.



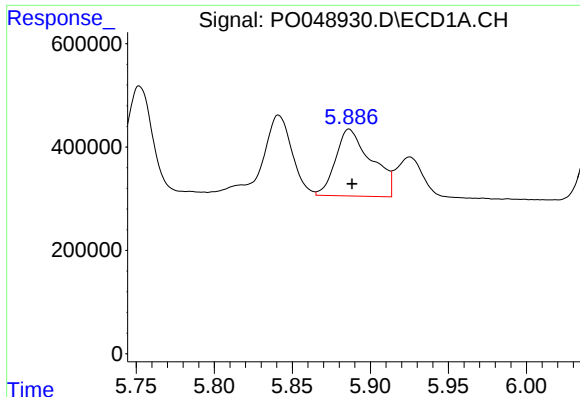
#16 AR-1242-1

R.T.: 5.137 min
Delta R.T.: -0.001 min
Response: 1152943
Conc: 689.79 ng/ml



#16 AR-1242-1

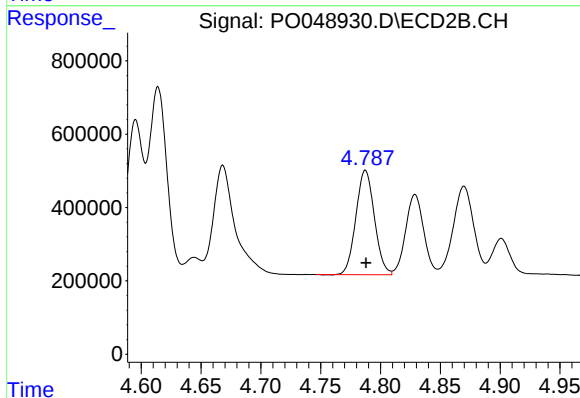
R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 1456062
Conc: 771.28 ng/ml



#17 AR-1242-2

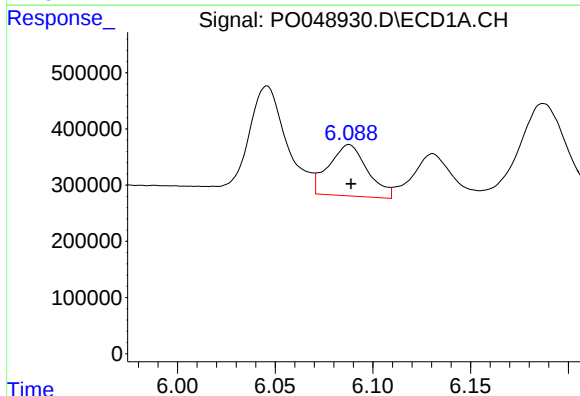
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 2063489
Conc: 634.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



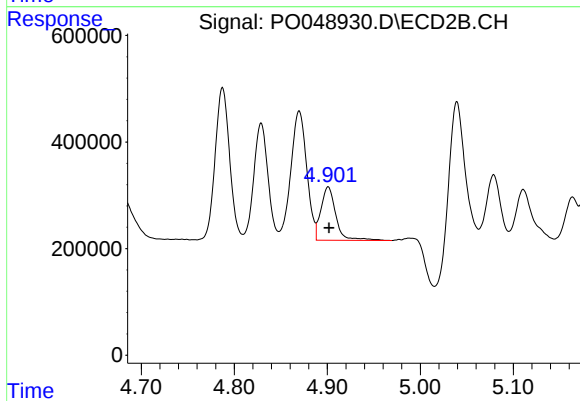
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 3068801
Conc: 737.85 ng/ml



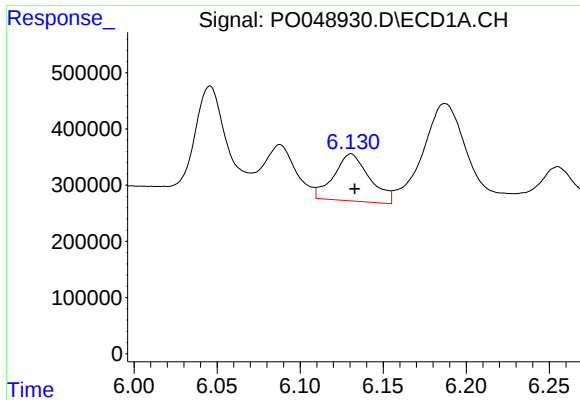
#18 AR-1242-3

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 1255594
Conc: 800.21 ng/ml



#18 AR-1242-3

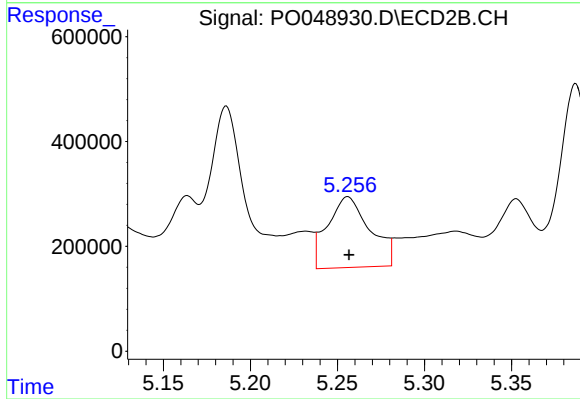
R.T.: 4.901 min
Delta R.T.: 0.000 min
Response: 1114896
Conc: 761.78 ng/ml



#19 AR-1242-4

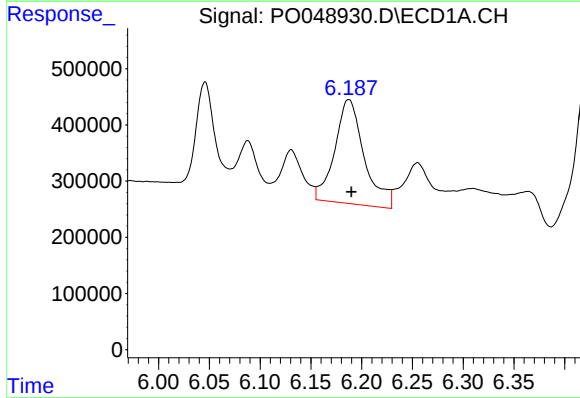
R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 1259666
Conc: 1047.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



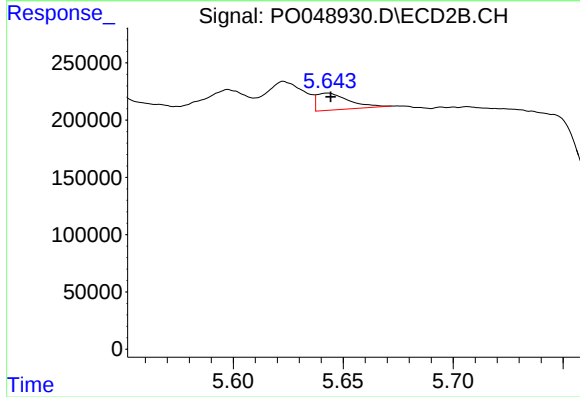
#19 AR-1242-4

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 2299241
Conc: 1826.15 ng/ml



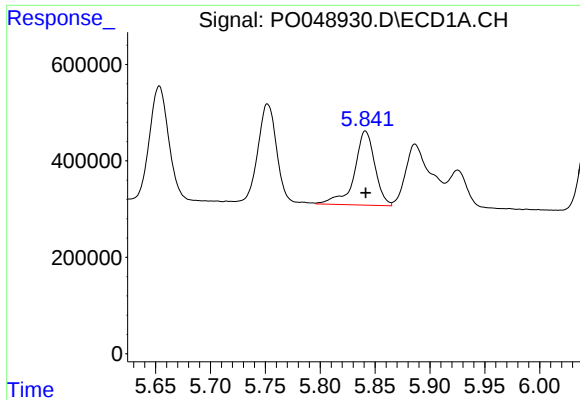
#20 AR-1242-5

R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 3741180
Conc: 861.41 ng/ml



#20 AR-1242-5

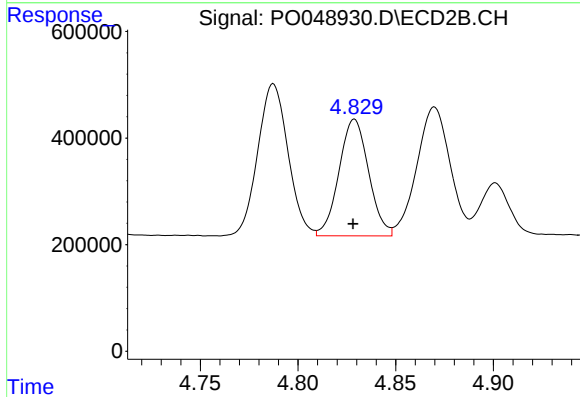
R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 148435
Conc: 43.85 ng/ml



#21 AR-1248-1

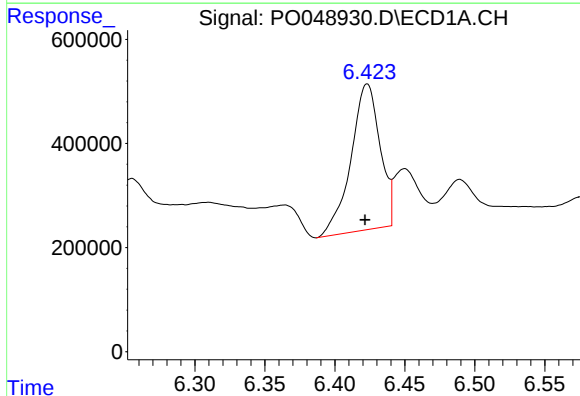
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 1998045
Conc: 359.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



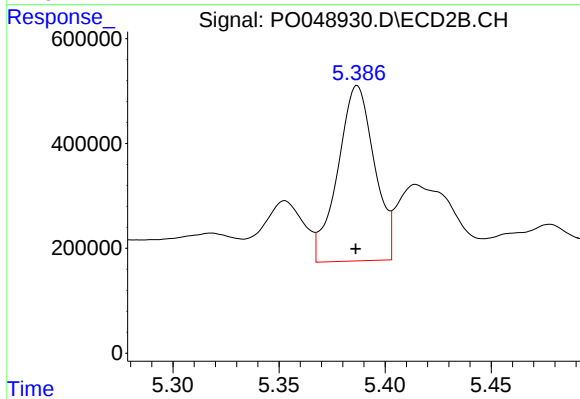
#21 AR-1248-1

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 2313996
Conc: 345.01 ng/ml



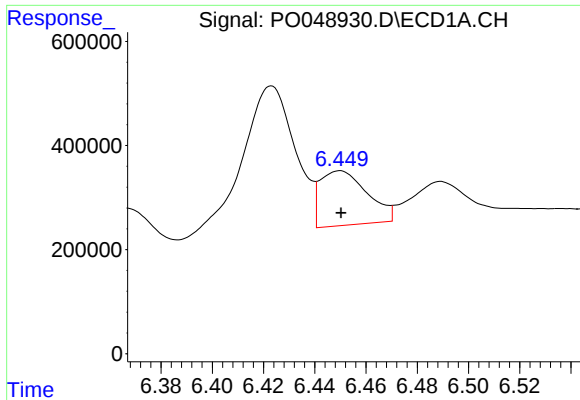
#22 AR-1248-2

R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 4051574
Conc: 665.86 ng/ml



#22 AR-1248-2

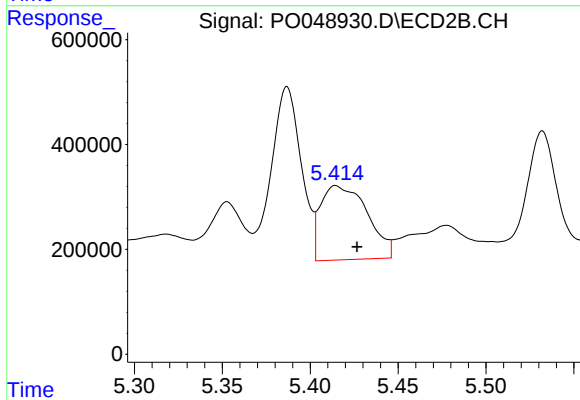
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 4006819
Conc: 315.19 ng/ml



#23 AR-1248-3

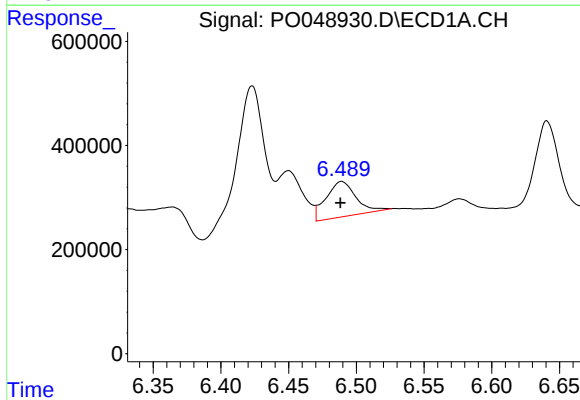
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1336946
Conc: 166.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



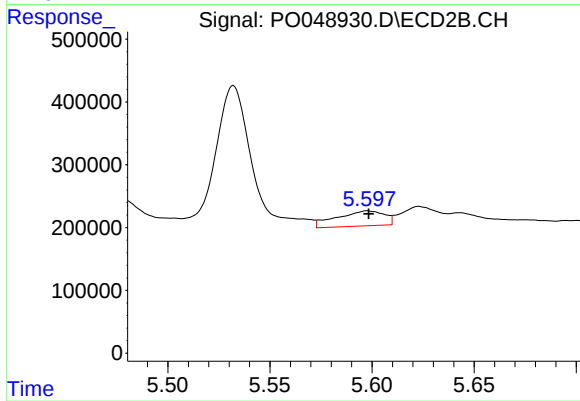
#23 AR-1248-3

R.T.: 5.415 min
Delta R.T.: -0.012 min
Response: 2614765
Conc: 291.28 ng/ml



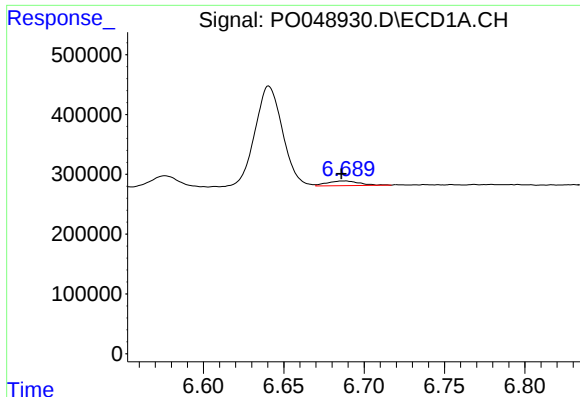
#24 AR-1248-4

R.T.: 6.489 min
Delta R.T.: 0.001 min
Response: 1041269
Conc: 135.79 ng/ml



#24 AR-1248-4

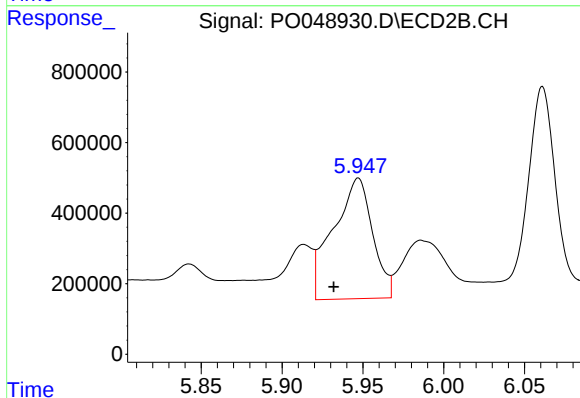
R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 391648
Conc: 48.26 ng/ml



#25 AR-1248-5

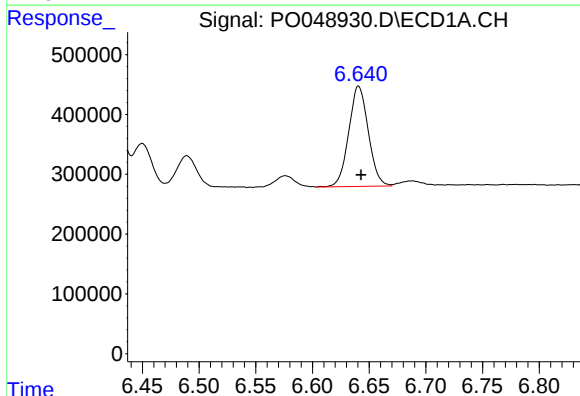
R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 109367
Conc: 20.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



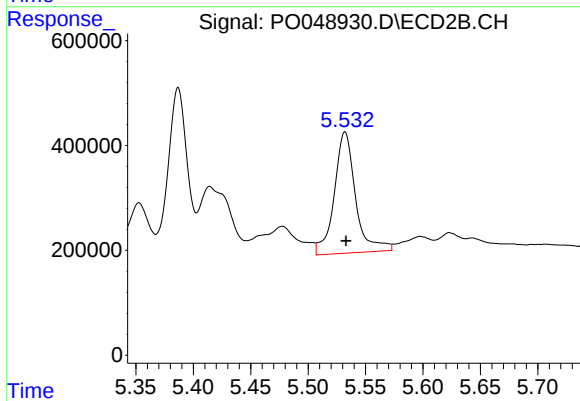
#25 AR-1248-5

R.T.: 5.947 min
Delta R.T.: 0.015 min
Response: 5788488
Conc: 922.96 ng/ml



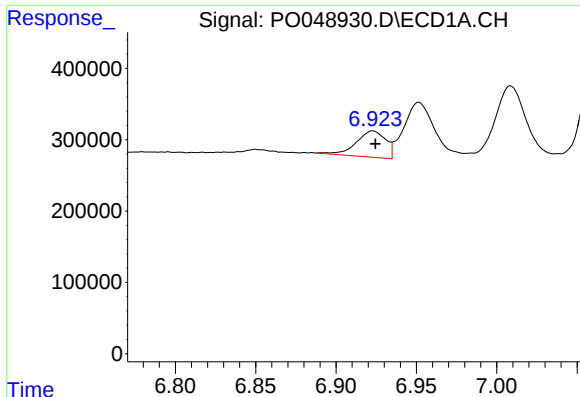
#26 AR-1254-1

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 2011104
Conc: 129.11 ng/ml



#26 AR-1254-1

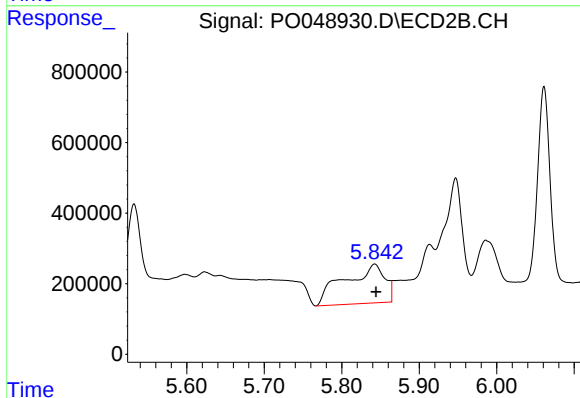
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 2988759
Conc: 225.41 ng/ml



#27 AR-1254-2

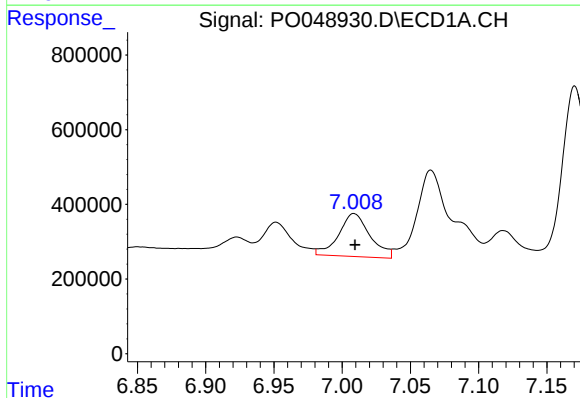
R.T.: 6.923 min
Delta R.T.: -0.002 min
Response: 471765
Conc: 46.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



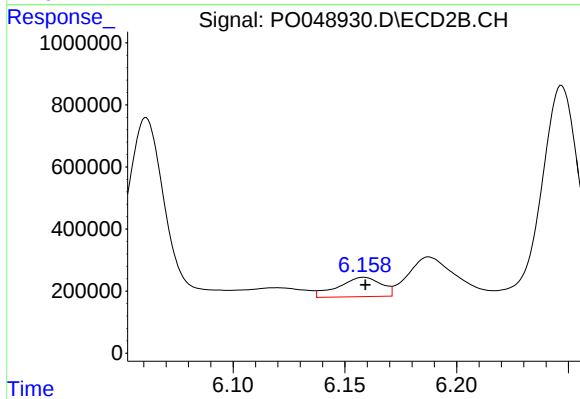
#27 AR-1254-2

R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 3980487
Conc: 341.06 ng/ml



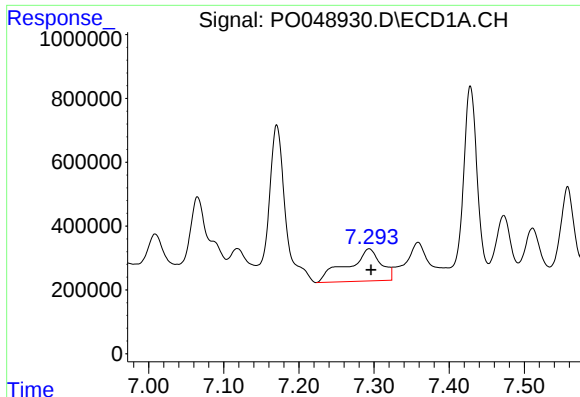
#28 AR-1254-3

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 1841459
Conc: 102.77 ng/ml



#28 AR-1254-3

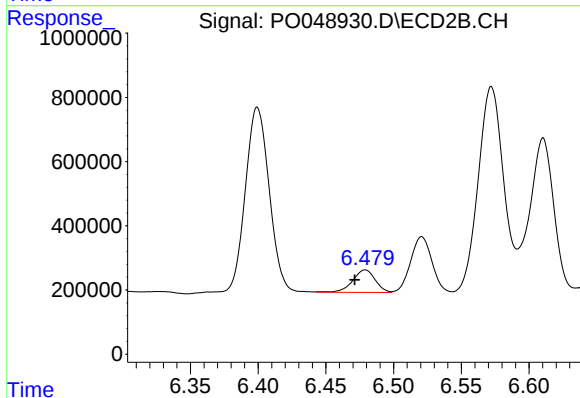
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 836554
Conc: 56.64 ng/ml



#29 AR-1254-4

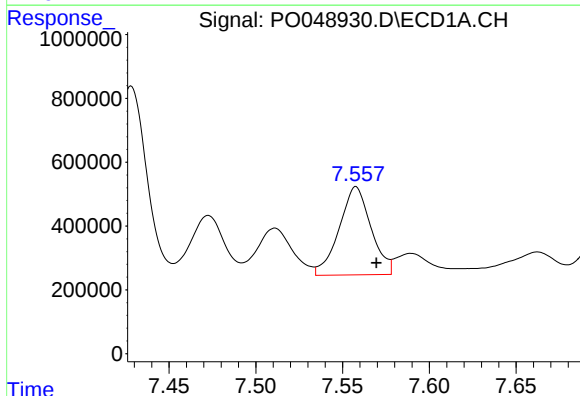
R.T.: 7.293 min
Delta R.T.: -0.003 min
Response: 3136946
Conc: 226.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



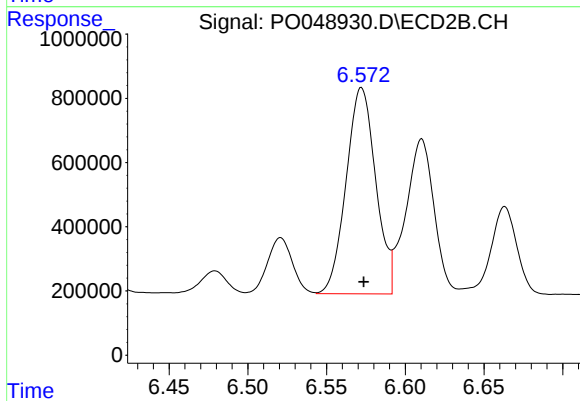
#29 AR-1254-4

R.T.: 6.479 min
Delta R.T.: 0.008 min
Response: 811781
Conc: 72.64 ng/ml



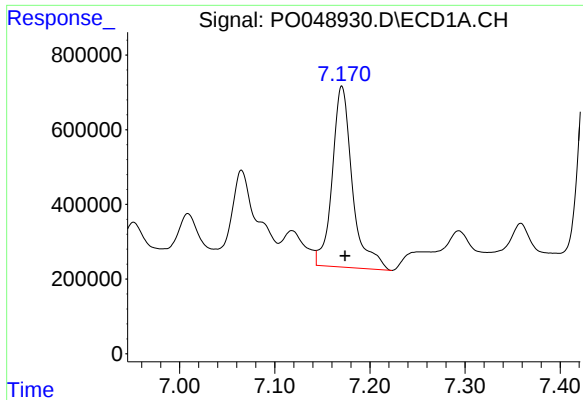
#30 AR-1254-5

R.T.: 7.558 min
Delta R.T.: -0.012 min
Response: 3535227
Conc: 350.20 ng/ml



#30 AR-1254-5

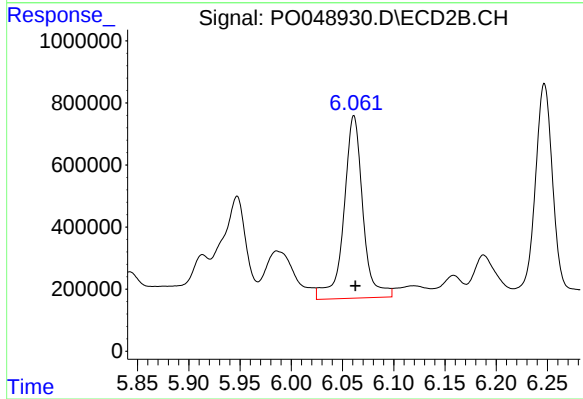
R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 8408009
Conc: 401.66 ng/ml



#31 AR-1260-1

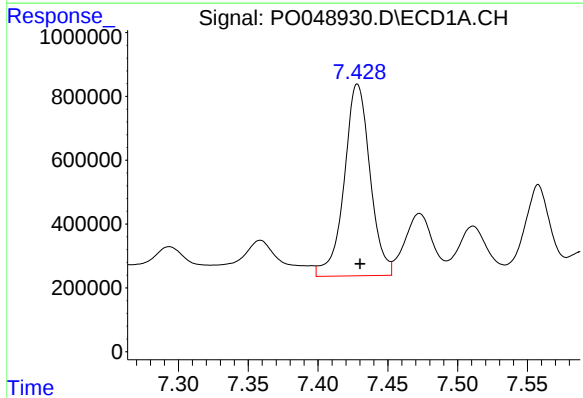
R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 7147532
Conc: 571.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



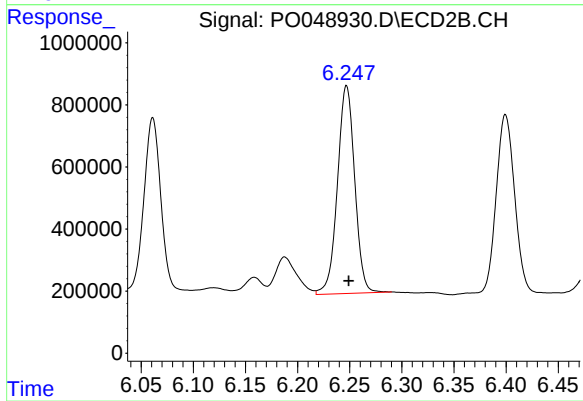
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 7576450
Conc: 558.50 ng/ml



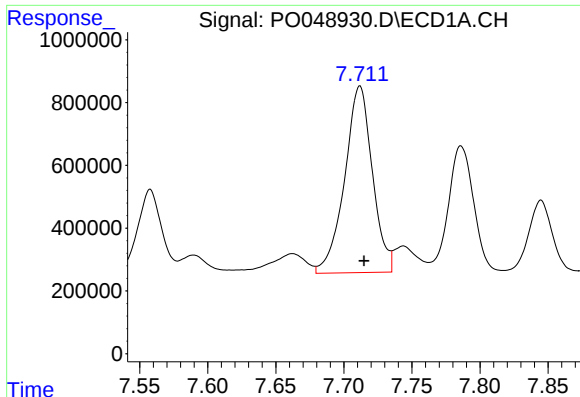
#32 AR-1260-2

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 7741255
Conc: 557.94 ng/ml



#32 AR-1260-2

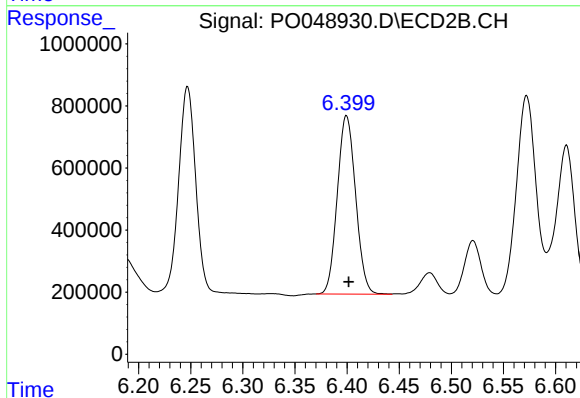
R.T.: 6.247 min
Delta R.T.: -0.002 min
Response: 7708961
Conc: 454.52 ng/ml



#33 AR-1260-3

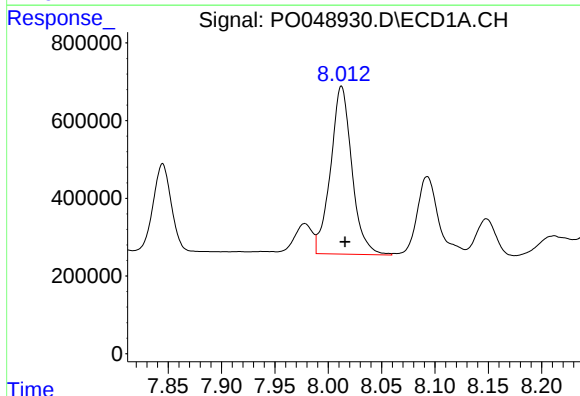
R.T.: 7.712 min
Delta R.T.: -0.003 min
Response: 8444465
Conc: 562.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



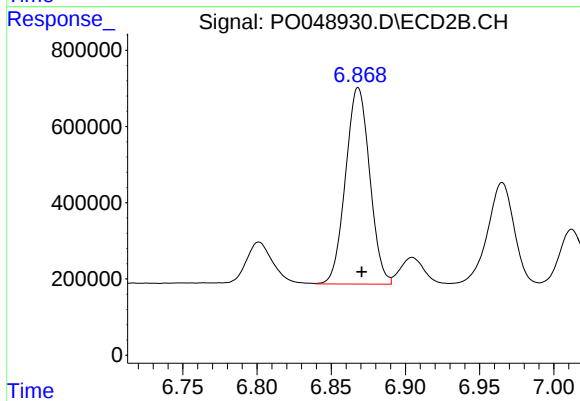
#33 AR-1260-3

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 7031888
Conc: 437.59 ng/ml



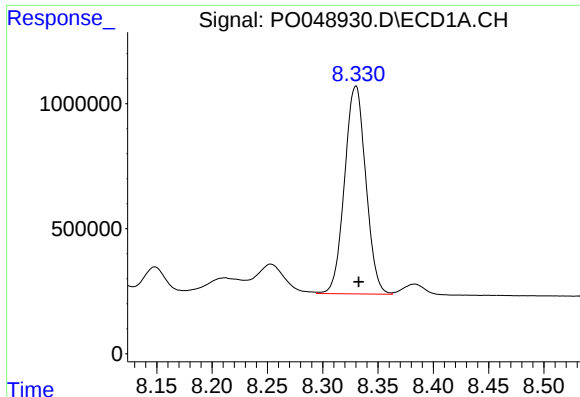
#34 AR-1260-4

R.T.: 8.012 min
Delta R.T.: -0.003 min
Response: 6017269
Conc: 601.35 ng/ml



#34 AR-1260-4

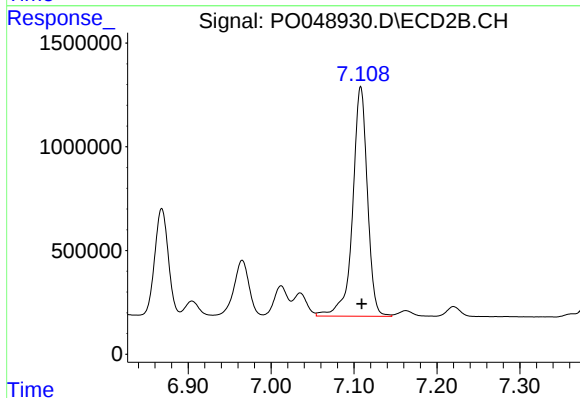
R.T.: 6.868 min
Delta R.T.: -0.002 min
Response: 5840776
Conc: 439.00 ng/ml



#35 AR-1260-5

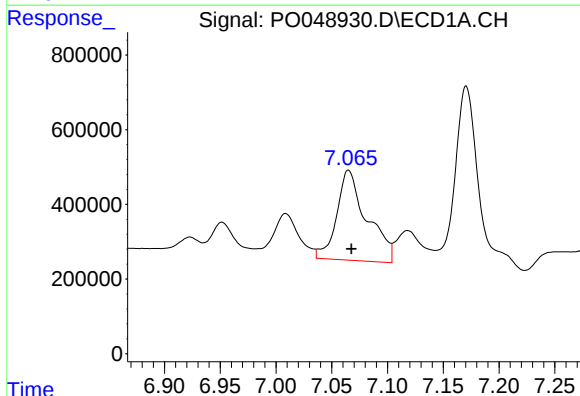
R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 11114848
Conc: 546.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



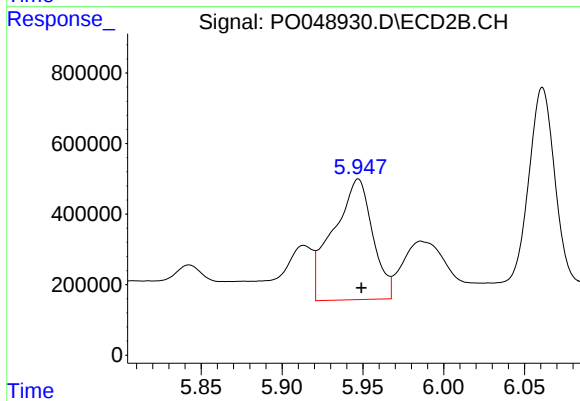
#35 AR-1260-5

R.T.: 7.108 min
Delta R.T.: -0.001 min
Response: 13704942
Conc: 445.80 ng/ml



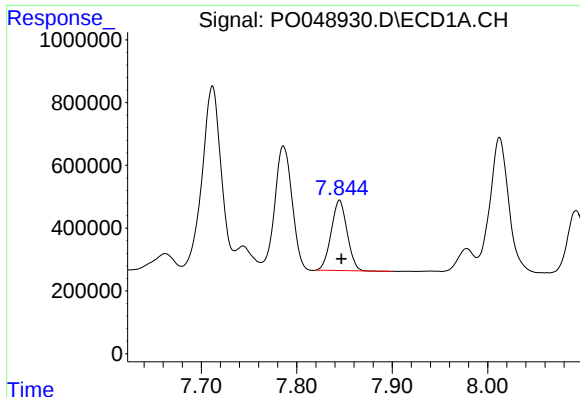
#36 AR-1262-1

R.T.: 7.065 min
Delta R.T.: -0.003 min
Response: 4540894
Conc: 690.31 ng/ml



#36 AR-1262-1

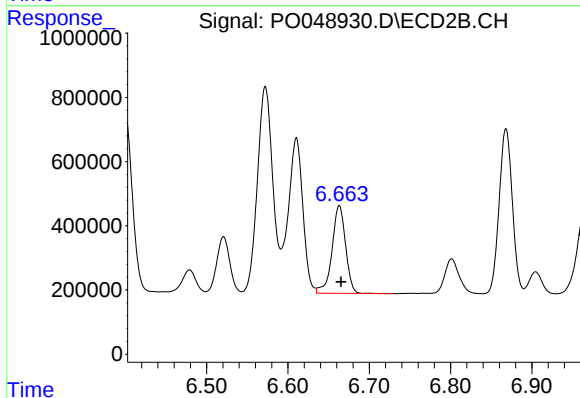
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 5788488
Conc: 772.62 ng/ml



#37 AR-1262-2

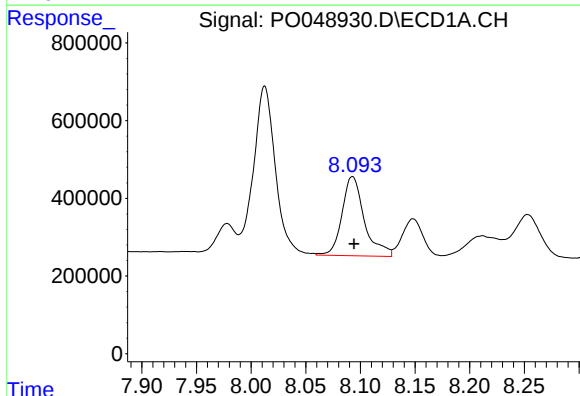
R.T.: 7.845 min
Delta R.T.: -0.002 min
Response: 2600264
Conc: 506.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



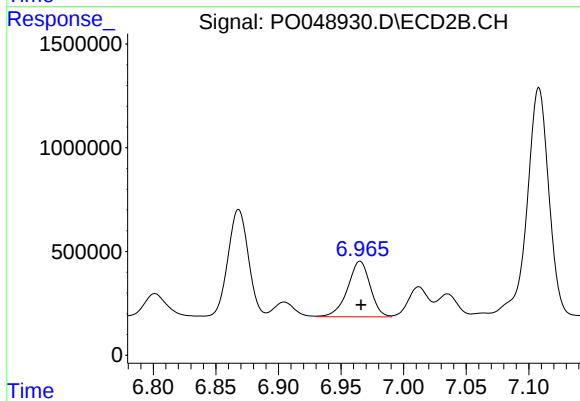
#37 AR-1262-2

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 3160972
Conc: 419.29 ng/ml



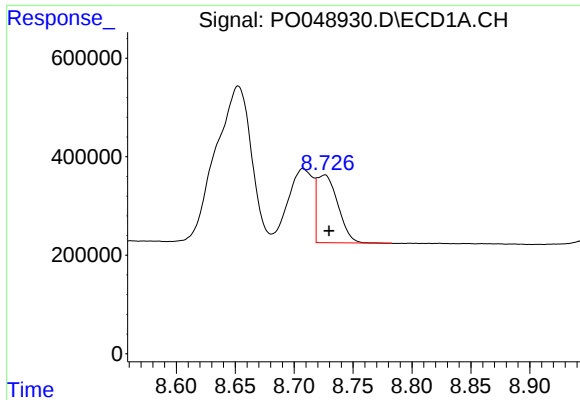
#38 AR-1262-3

R.T.: 8.093 min
Delta R.T.: -0.002 min
Response: 2908979
Conc: 572.05 ng/ml



#38 AR-1262-3

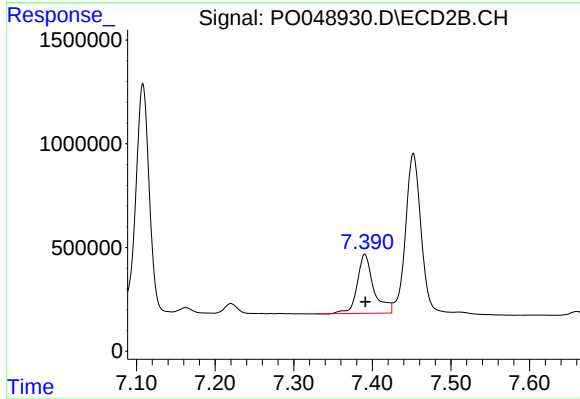
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 3354788
Conc: 408.27 ng/ml



#39 AR-1262-4

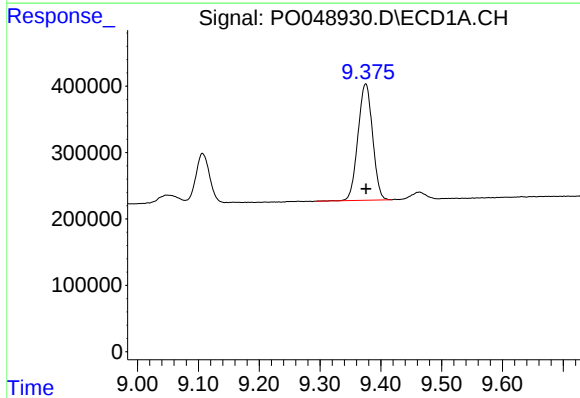
R.T.: 8.726 min
Delta R.T.: -0.004 min
Response: 1693546
Conc: 156.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



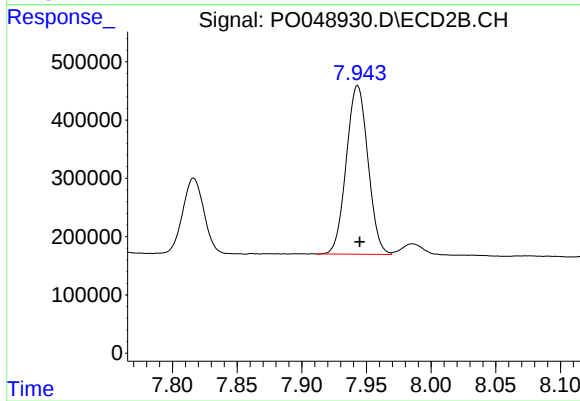
#39 AR-1262-4

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 4143937
Conc: 335.31 ng/ml



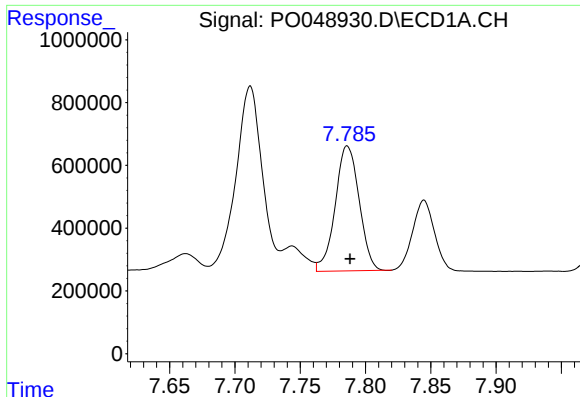
#40 AR-1262-5

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 2924417
Conc: 357.75 ng/ml



#40 AR-1262-5

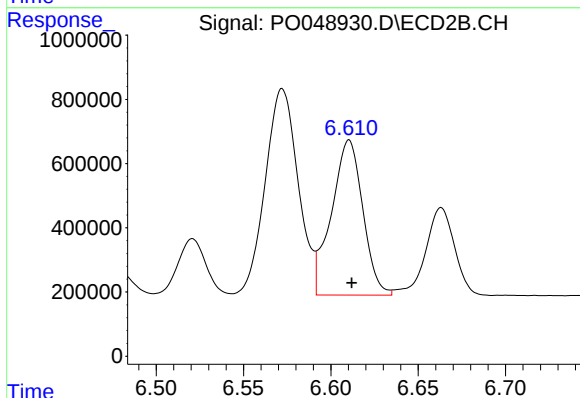
R.T.: 7.943 min
Delta R.T.: -0.002 min
Response: 3376461
Conc: 332.31 ng/ml



#41 AR-1268-1

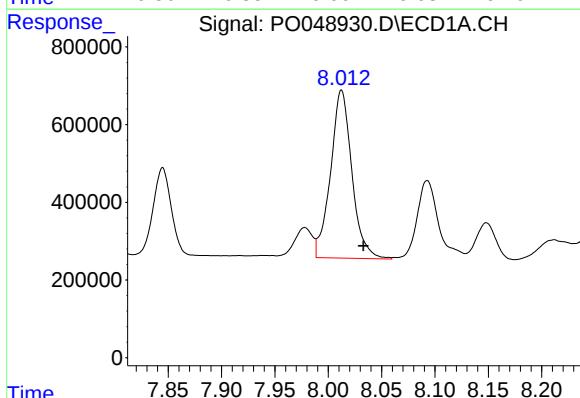
R.T.: 7.786 min
Delta R.T.: -0.002 min
Response: 5075093
Conc: 992.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



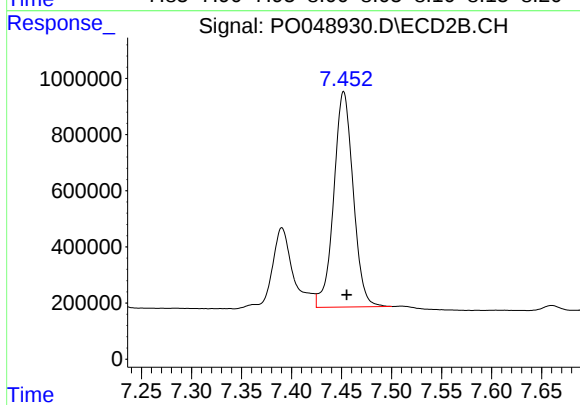
#41 AR-1268-1

R.T.: 6.610 min
Delta R.T.: -0.001 min
Response: 6040864
Conc: 796.25 ng/ml



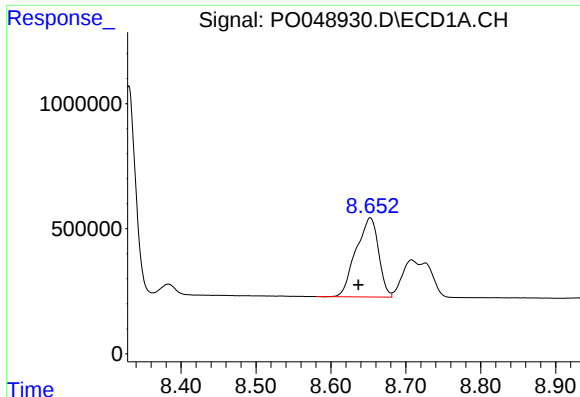
#42 AR-1268-2

R.T.: 8.012 min
Delta R.T.: -0.020 min
Response: 6017269
Conc: 983.47 ng/ml



#42 AR-1268-2

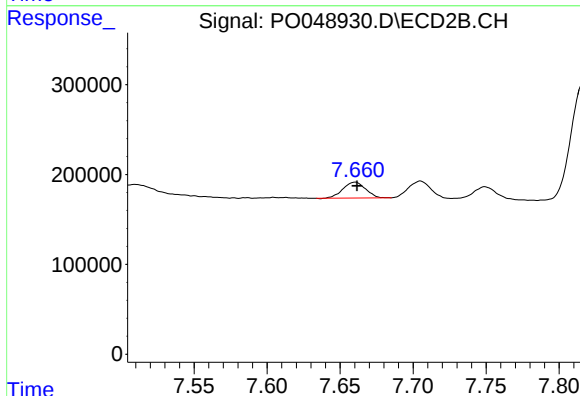
R.T.: 7.452 min
Delta R.T.: -0.003 min
Response: 10385636
Conc: 312.29 ng/ml



#43 AR-1268-3

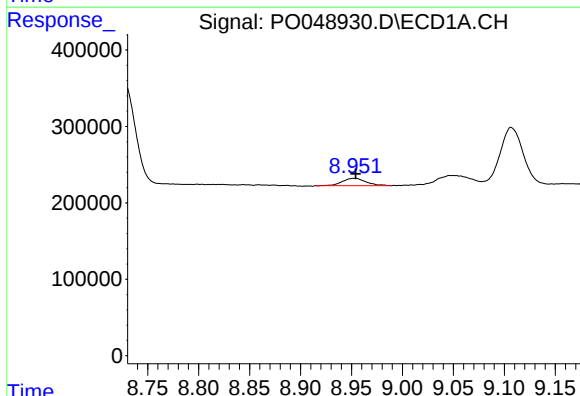
R.T.: 8.652 min
Delta R.T.: 0.016 min
Response: 6631414
Conc: 252.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



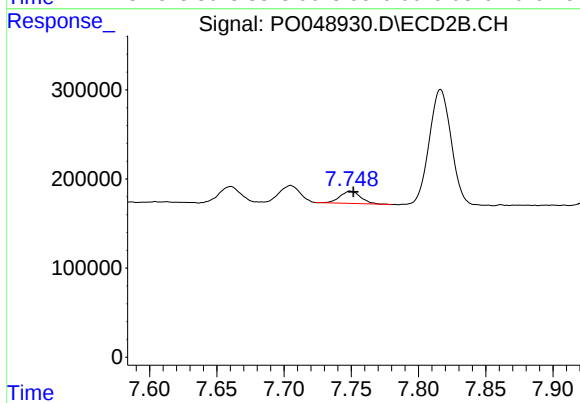
#43 AR-1268-3

R.T.: 7.660 min
Delta R.T.: -0.001 min
Response: 189711
Conc: 6.95 ng/ml



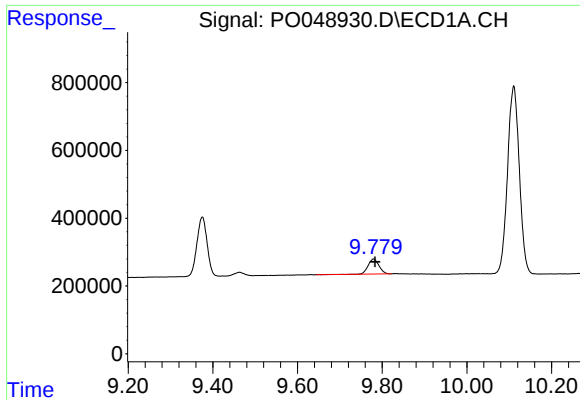
#44 AR-1268-4

R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 152995
Conc: 7.09 ng/ml



#44 AR-1268-4

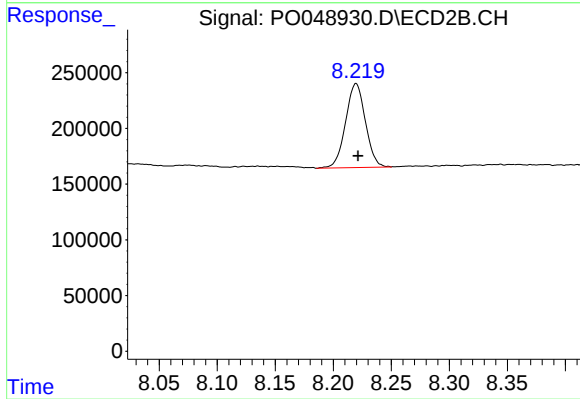
R.T.: 7.749 min
Delta R.T.: -0.002 min
Response: 144955
Conc: 18.71 ng/ml



#45 AR-1268-5

R.T.: 9.779 min
Delta R.T.: -0.004 min
Response: 793995
Conc: 10.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.220 min
Delta R.T.: -0.002 min
Response: 894284
Conc: 12.61 ng/ml