

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091218\
 Data File : P0048946.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Sep 2018 18:43
 Operator : SM/SJ
 Sample : J4780-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 01:00:30 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	3.527	4753878	4814922	29.017	26.393
2)	SA Decachlor...	10.112	8.463	3580061	2755477	16.069	14.849
Target Compounds							
3)	L1 AR-1016-1	5.106	4.189	2617400	1295596	577.412	255.190 #
4)	L1 AR-1016-2	5.301	4.595	3575818	1996203	753.631	257.834 #
5)	L1 AR-1016-3	5.569	4.614	2378847	2508273	329.075	242.815 #
6)	L1 AR-1016-4	5.654	4.669	1647605	1933147	262.054	260.018
7)	L1 AR-1016-5	6.047	5.037	2608415	1341558	490.710	193.378 #
8)	L2 AR-1221-1	0.000	3.736	0	208788	N.D.	102.817 #
9)	L2 AR-1221-2	4.697	3.821	127602	344044	93.202	222.582 #
10)	L2 AR-1221-3	4.771	3.896	910398	901270	201.300	189.086
11)	L3 AR-1232-1	5.496	4.377	1693079	3411803	4676.158	1721.808 #
12)	L3 AR-1232-2	5.753	4.491	1709942	1564165	890.577	2310.092 #
13)	L3 AR-1232-3	5.925	4.872	1319588	1488524	2446.698	793.251 #
14)	L3 AR-1232-4	6.255	5.186	1506063	2421463	3128.649	1154.743 #
15)	L3 AR-1232-5	7.120	5.757	952819	1011420	3084.632	3971.696 #
16)	L4 AR-1242-1	5.138	4.210	2282784	1128664	1365.756	597.854 #
17)	L4 AR-1242-2	5.890	4.787	1571246	1728092	482.811	415.495
18)	L4 AR-1242-3	6.088	4.897	1416667	690103	902.863	471.531 #
19)	L4 AR-1242-4	6.131	5.257	970548	1075048	807.424	853.848
20)	L4 AR-1242-5	6.188	5.649	2782719	2131703	640.722	629.778
21)	L5 AR-1248-1	5.844	4.829	1160953	1529602	208.706	228.060
22)	L5 AR-1248-2	6.422	5.388	2013447	2255855	330.900	177.454 #
23)	L5 AR-1248-3	6.458	5.435	885742	882485	110.353	98.307
24)	L5 AR-1248-4	6.488	5.587	1065698	2994443	138.975	368.973 #
25)	L5 AR-1248-5	6.641	5.948	3666109	4839231	699.535	771.600
26)	L6 AR-1254-1	6.641	5.533	3666109	1898356	235.359	143.174 #
27)	L6 AR-1254-2	6.909	5.843	5143841	2221670	506.941	190.357 #
28)	L6 AR-1254-3	7.015	6.156	1720177	839858	96.001	56.867 #
29)	L6 AR-1254-4	7.294	6.477	2274085	818801	164.470	73.269 #
30)	L6 AR-1254-5	7.558	6.572	1441757	4846841	142.821	231.539 #
31)	L7 AR-1260-1	7.172	6.062	3547148	3726246	283.696	274.679
32)	L7 AR-1260-2	7.426	6.246	4524328	3322222	326.086	195.879 #
33)	L7 AR-1260-3	7.712	6.399	4856090	3415784	323.493	212.561 #
34)	L7 AR-1260-4	8.012	6.868	2507287	2424002	250.571	182.191 #
35)	L7 AR-1260-5	8.330	7.108	4576263	5399783	224.967	175.646
36)	L8 AR-1262-1	7.066	5.948	2652440	4839231	403.224	645.920 #
37)	L8 AR-1262-2	7.845	6.664	1063168	1824507	206.958	242.016
38)	L8 AR-1262-3	8.093	6.965	1350219	1527740	265.519	185.922 #
39)	L8 AR-1262-4	8.708	7.390	1471669	1111881	136.171	89.970 #
40)	L8 AR-1262-5	9.375	7.944	1021599	1116824	124.974	109.917
41)	L9 AR-1268-1	7.788	6.610	1873368	2492518	366.334	328.539

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 Operator : SM/SJ
 Sample : J4780-01MS
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 ALS Vial : 12 Sample Multiplier: 1

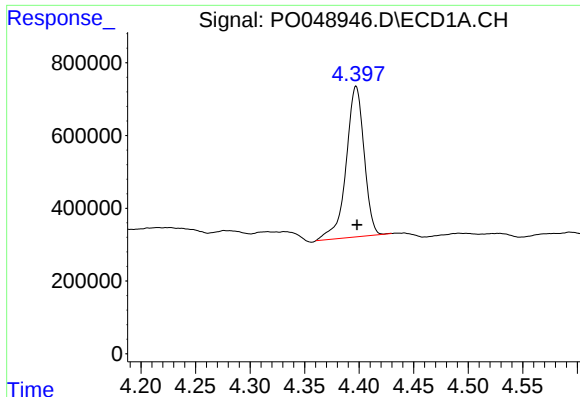
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 01:00:30 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	7.453	2507287	3352353	409.796	100.803 #
43) L9	AR-1268-3	8.654	7.661	2823883	81253	107.725	2.977 #
44) L9	AR-1268-4	0.000	7.817	0	565874	N.D.	73.052 #
45) L9	AR-1268-5	9.781	8.220	350380	355529	4.739	5.014

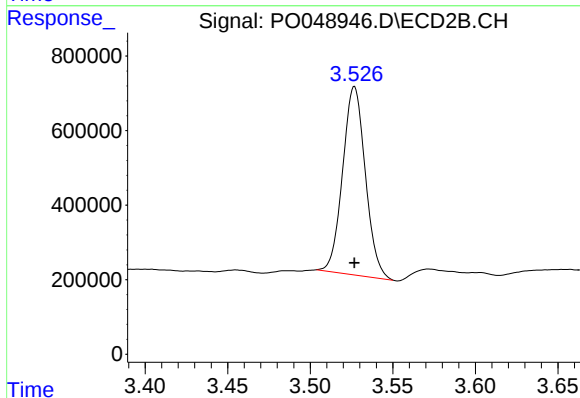
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

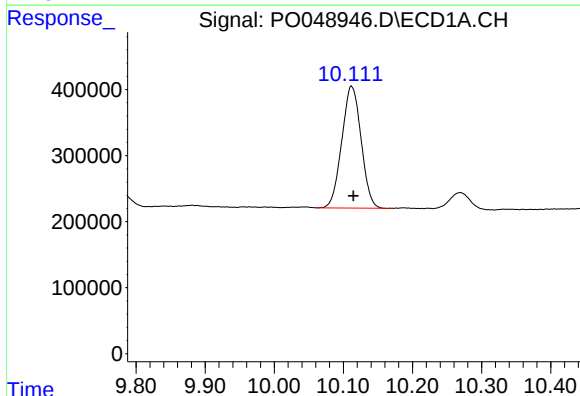
R.T.: 4.397 min
Delta R.T.: 0.000 min
Response: 4753878
Conc: 29.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



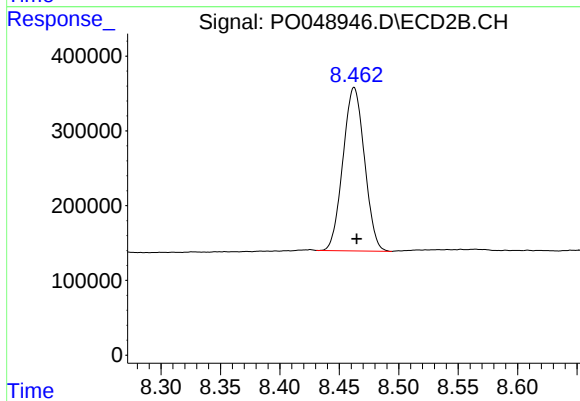
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 4814922
Conc: 26.39 ng/ml



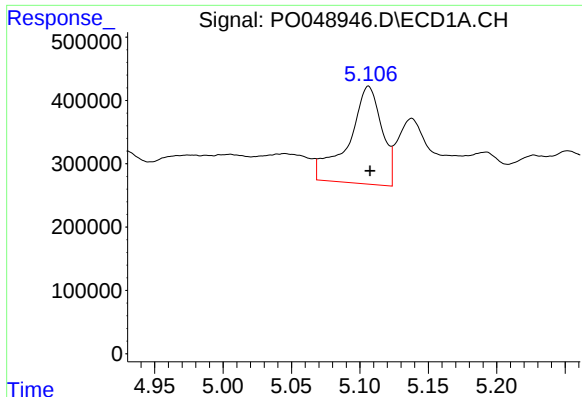
#2 Decachlorobiphenyl

R.T.: 10.112 min
Delta R.T.: -0.002 min
Response: 3580061
Conc: 16.07 ng/ml



#2 Decachlorobiphenyl

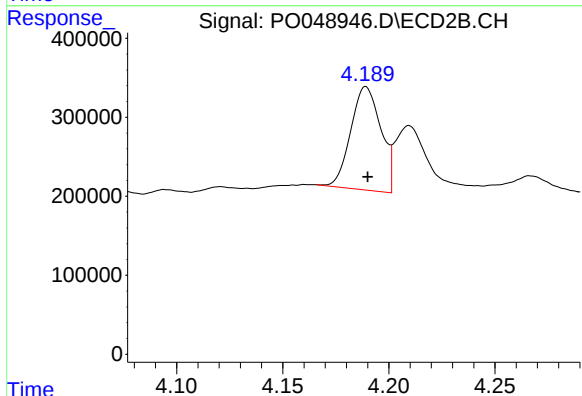
R.T.: 8.463 min
Delta R.T.: -0.002 min
Response: 2755477
Conc: 14.85 ng/ml



#3 AR-1016-1

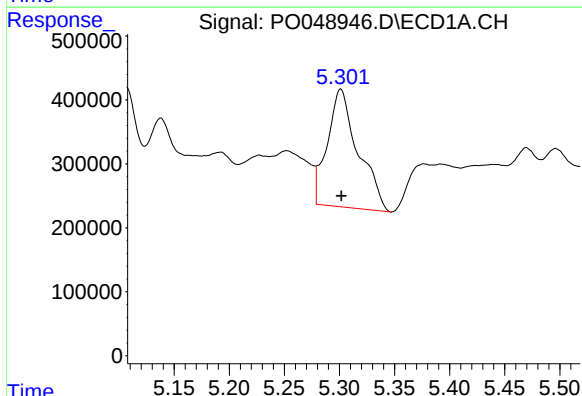
R.T.: 5.106 min
Delta R.T.: -0.001 min
Response: 2617400
Conc: 577.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



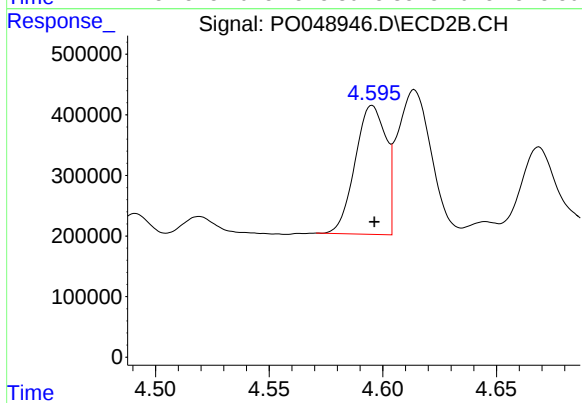
#3 AR-1016-1

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 1295596
Conc: 255.19 ng/ml



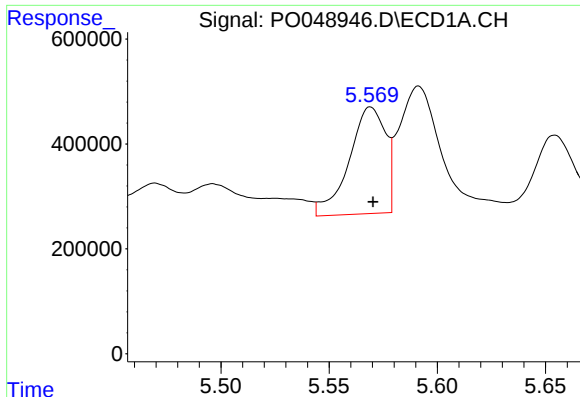
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 3575818
Conc: 753.63 ng/ml



#4 AR-1016-2

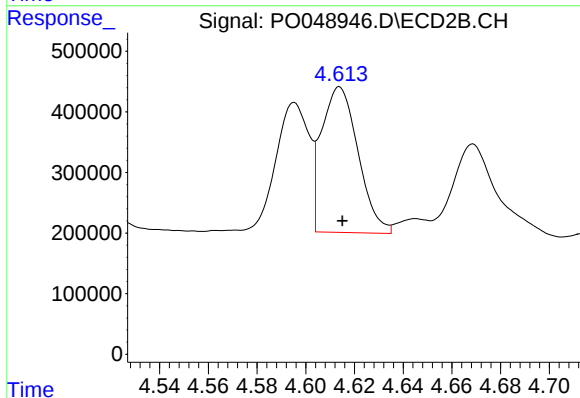
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 1996203
Conc: 257.83 ng/ml



#5 AR-1016-3

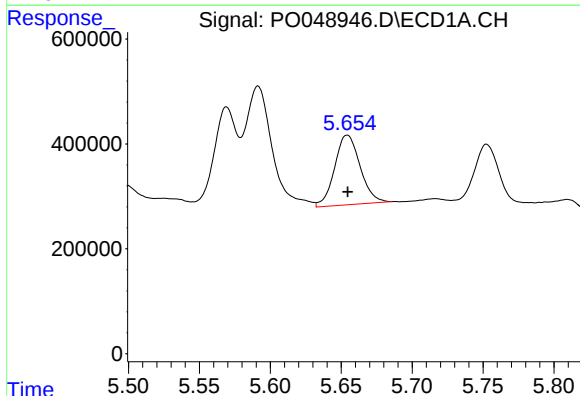
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 2378847
Conc: 329.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



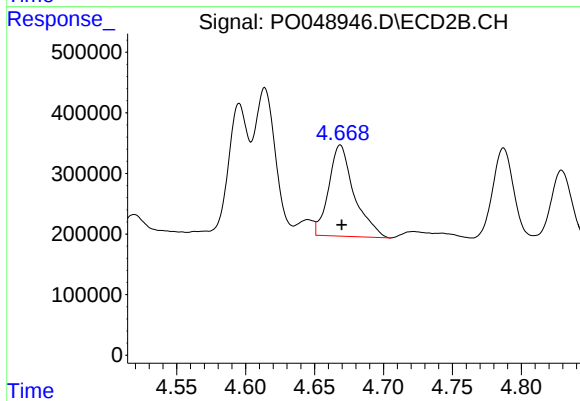
#5 AR-1016-3

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 2508273
Conc: 242.82 ng/ml



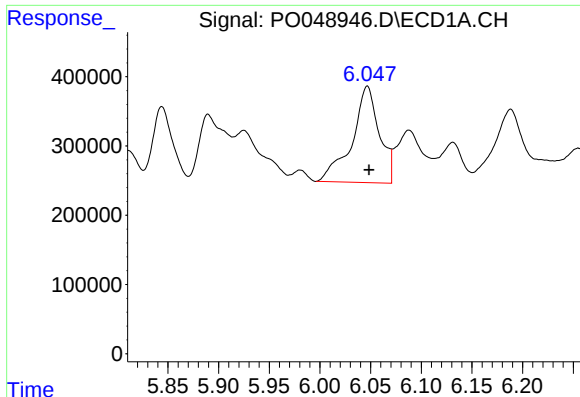
#6 AR-1016-4

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 1647605
Conc: 262.05 ng/ml



#6 AR-1016-4

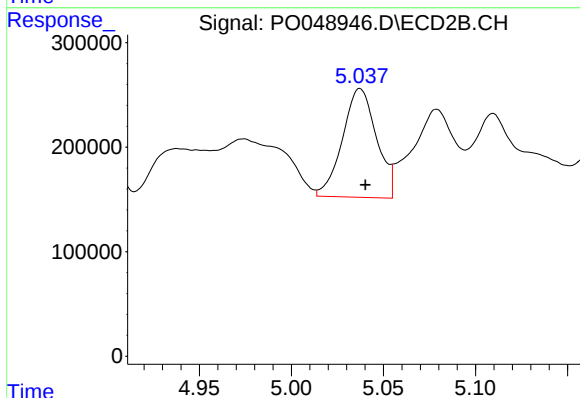
R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 1933147
Conc: 260.02 ng/ml



#7 AR-1016-5

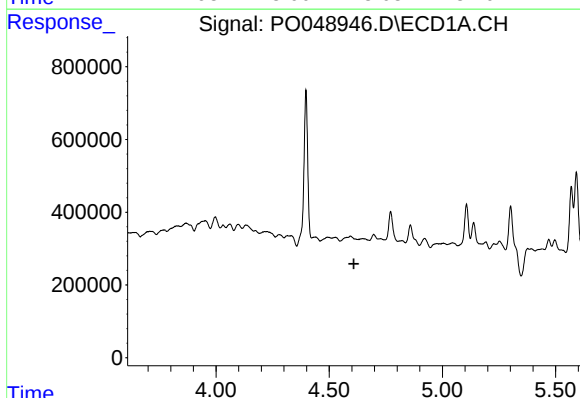
R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 2608415
Conc: 490.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



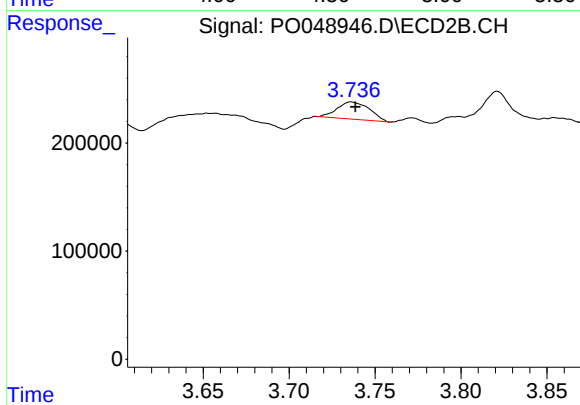
#7 AR-1016-5

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 1341558
Conc: 193.38 ng/ml



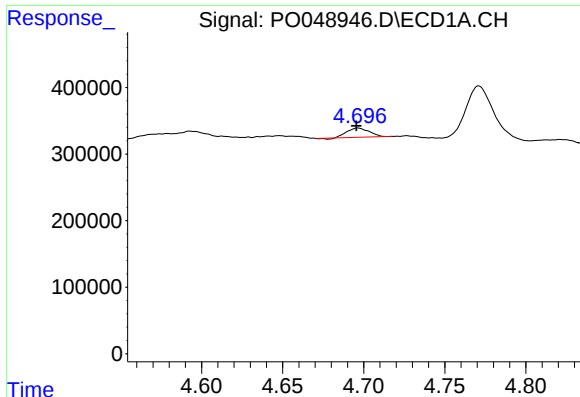
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.609 min
Response: 0
Conc: N.D.



#8 AR-1221-1

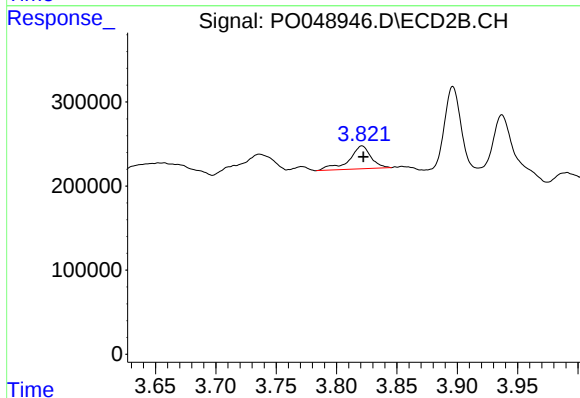
R.T.: 3.736 min
Delta R.T.: -0.002 min
Response: 208788
Conc: 102.82 ng/ml



#9 AR-1221-2

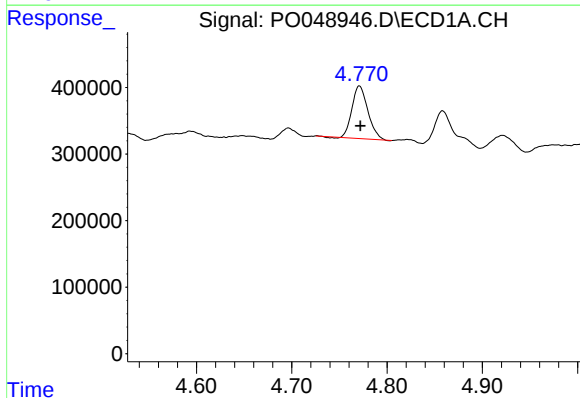
R.T.: 4.697 min
Delta R.T.: 0.001 min
Response: 127602
Conc: 93.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



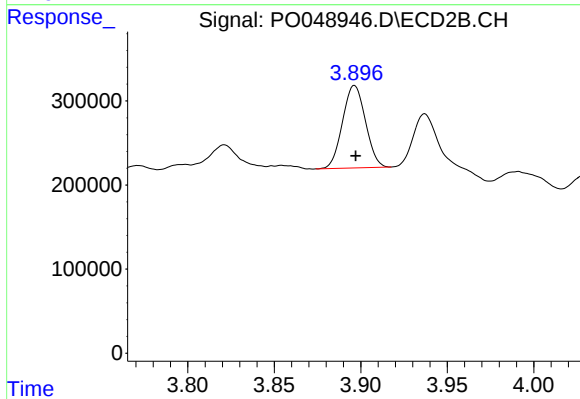
#9 AR-1221-2

R.T.: 3.821 min
Delta R.T.: -0.001 min
Response: 344044
Conc: 222.58 ng/ml



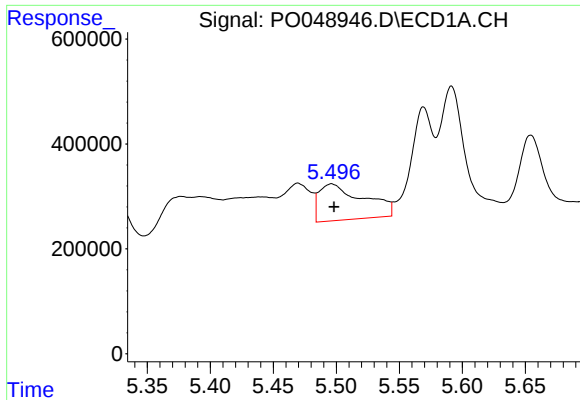
#10 AR-1221-3

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 910398
Conc: 201.30 ng/ml



#10 AR-1221-3

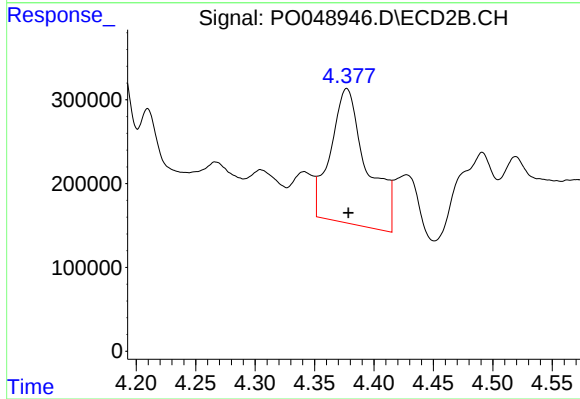
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 901270
Conc: 189.09 ng/ml



#11 AR-1232-1

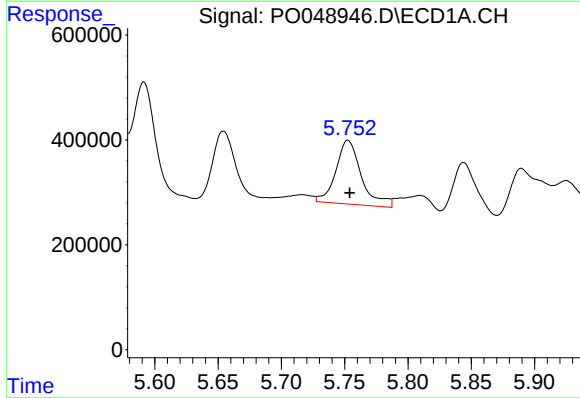
R.T.: 5.496 min
Delta R.T.: -0.002 min
Response: 1693079
Conc: 4676.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



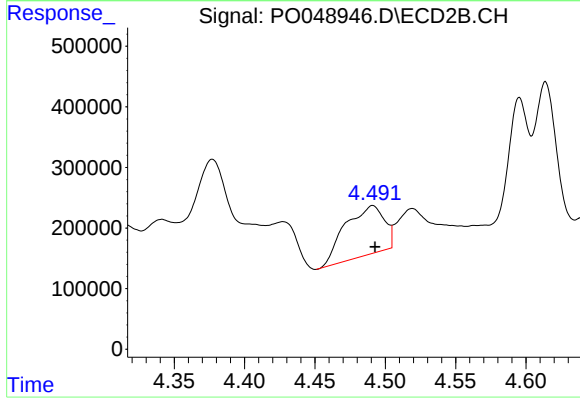
#11 AR-1232-1

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 3411803
Conc: 1721.81 ng/ml



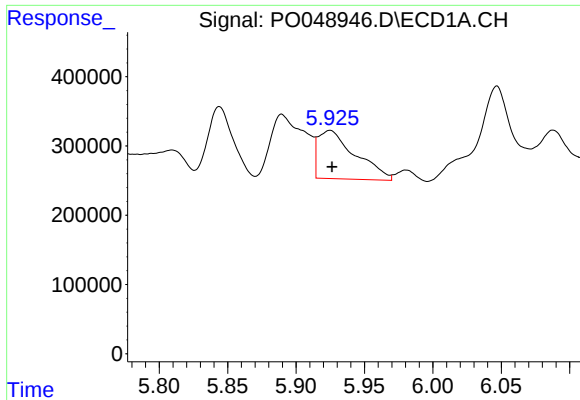
#12 AR-1232-2

R.T.: 5.753 min
Delta R.T.: -0.001 min
Response: 1709942
Conc: 890.58 ng/ml



#12 AR-1232-2

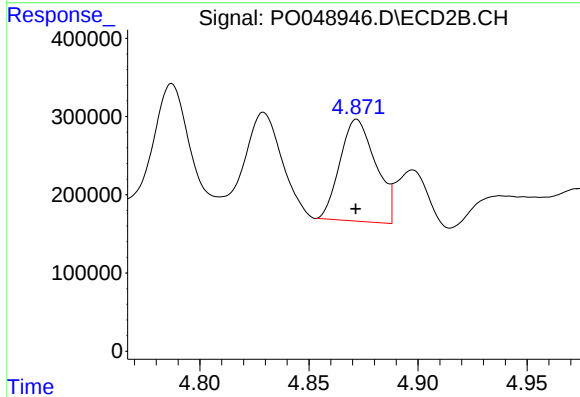
R.T.: 4.491 min
Delta R.T.: -0.002 min
Response: 1564165
Conc: 2310.09 ng/ml



#13 AR-1232-3

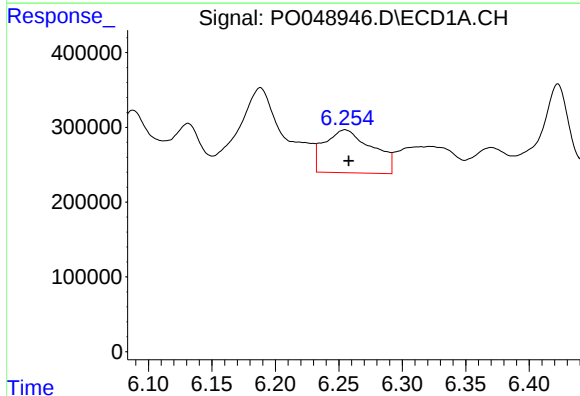
R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 1319588
Conc: 2446.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



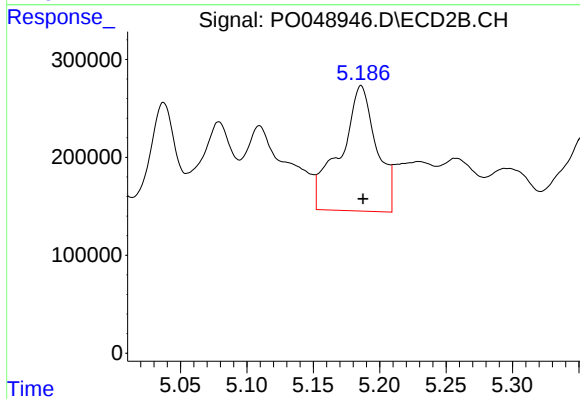
#13 AR-1232-3

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1488524
Conc: 793.25 ng/ml



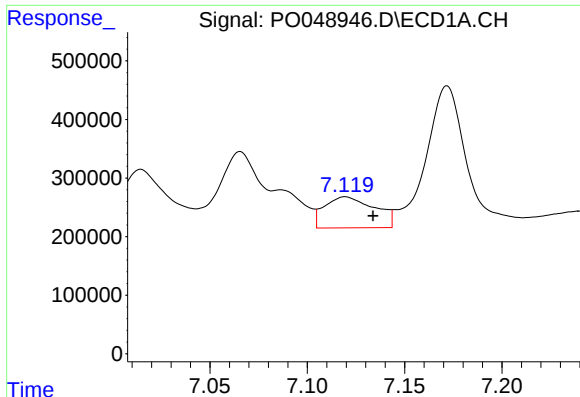
#14 AR-1232-4

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 1506063
Conc: 3128.65 ng/ml



#14 AR-1232-4

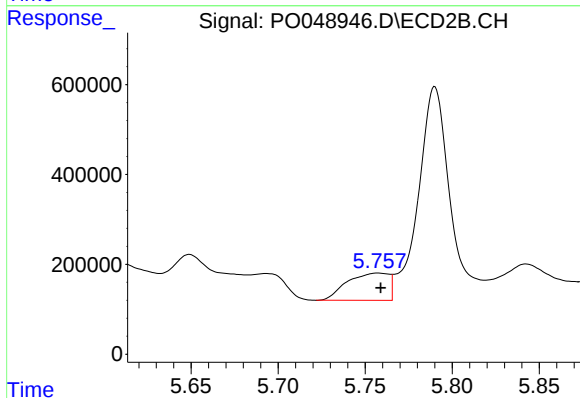
R.T.: 5.186 min
Delta R.T.: -0.001 min
Response: 2421463
Conc: 1154.74 ng/ml



#15 AR-1232-5

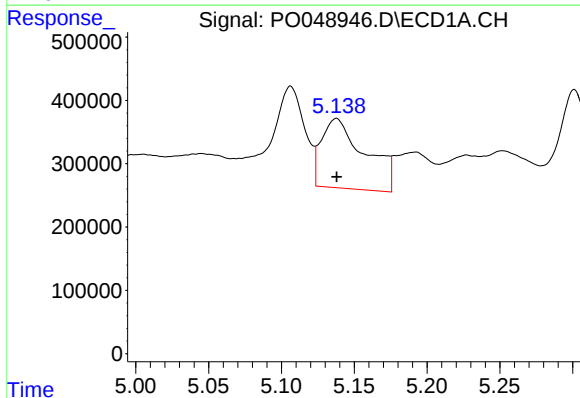
R.T.: 7.120 min
Delta R.T.: -0.014 min
Response: 952819
Conc: 3084.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



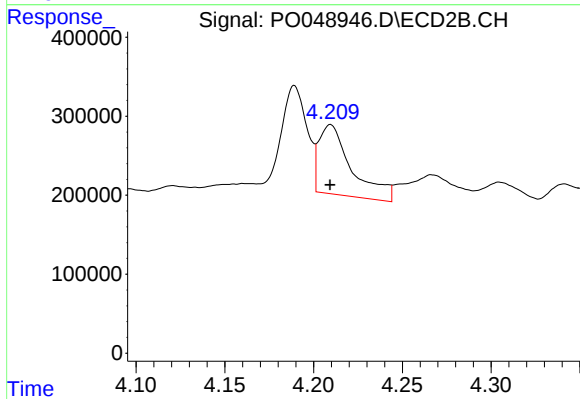
#15 AR-1232-5

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 1011420
Conc: 3971.70 ng/ml



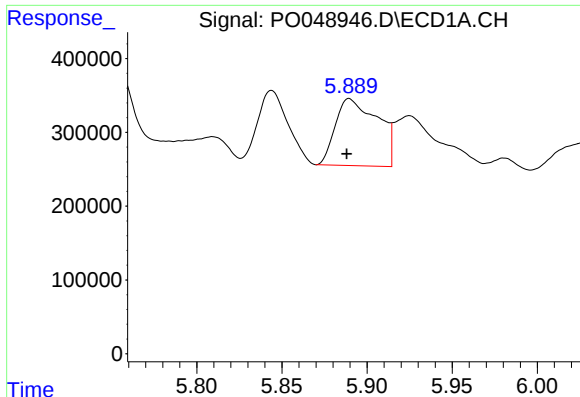
#16 AR-1242-1

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 2282784
Conc: 1365.76 ng/ml



#16 AR-1242-1

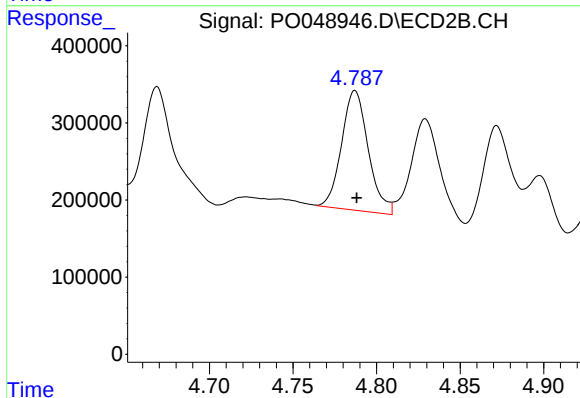
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 1128664
Conc: 597.85 ng/ml



#17 AR-1242-2

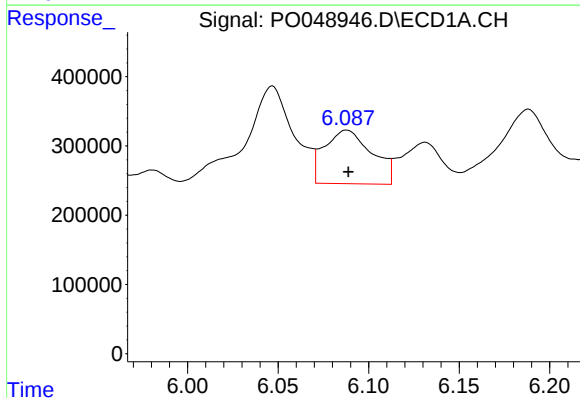
R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 1571246
Conc: 482.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



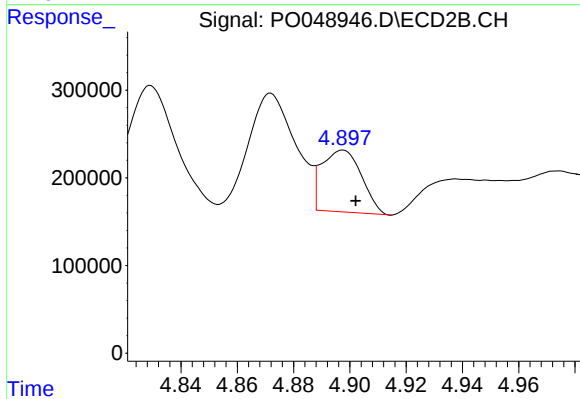
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 1728092
Conc: 415.50 ng/ml



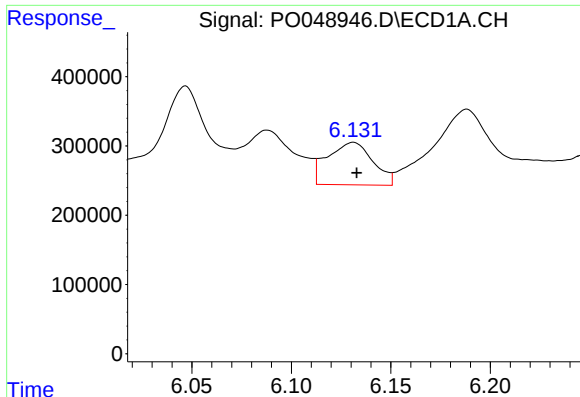
#18 AR-1242-3

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 1416667
Conc: 902.86 ng/ml



#18 AR-1242-3

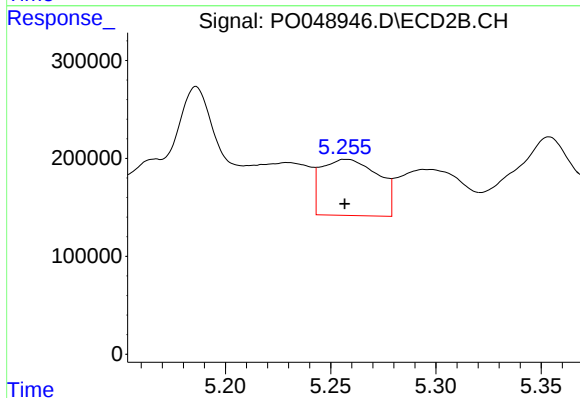
R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 690103
Conc: 471.53 ng/ml



#19 AR-1242-4

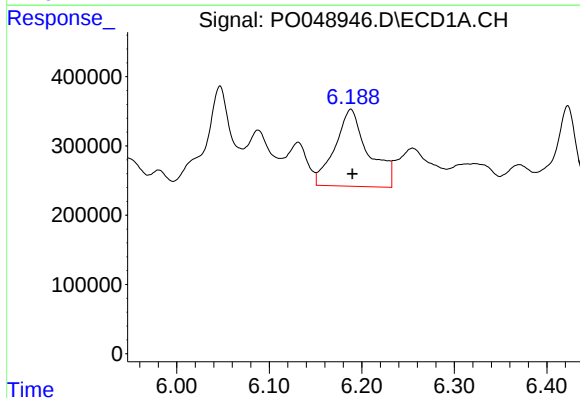
R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 970548
Conc: 807.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



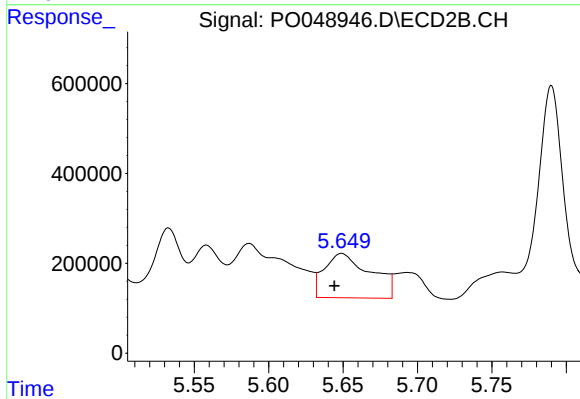
#19 AR-1242-4

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 1075048
Conc: 853.85 ng/ml



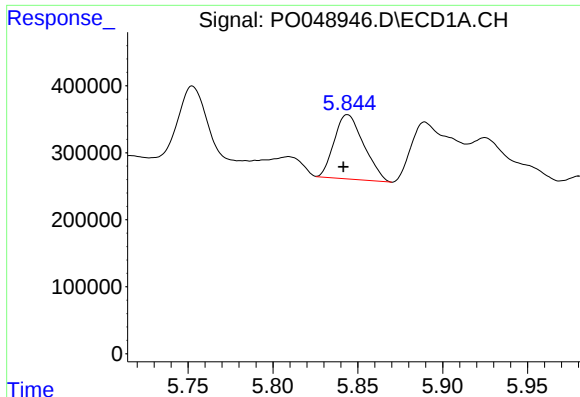
#20 AR-1242-5

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 2782719
Conc: 640.72 ng/ml



#20 AR-1242-5

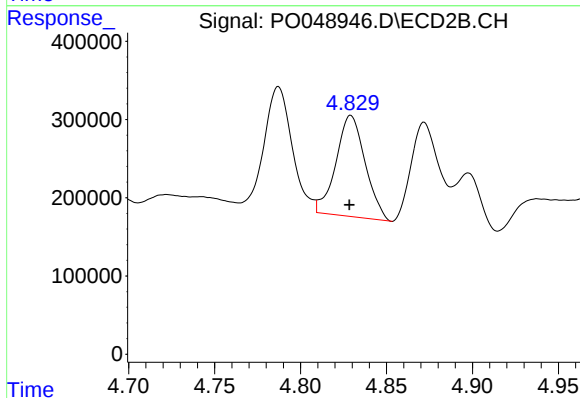
R.T.: 5.649 min
Delta R.T.: 0.005 min
Response: 2131703
Conc: 629.78 ng/ml



#21 AR-1248-1

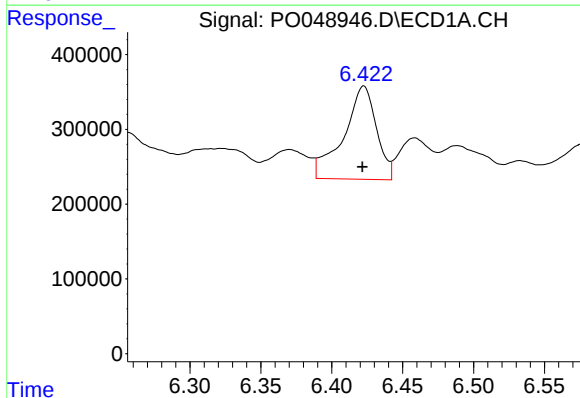
R.T.: 5.844 min
Delta R.T.: 0.003 min
Response: 1160953
Conc: 208.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



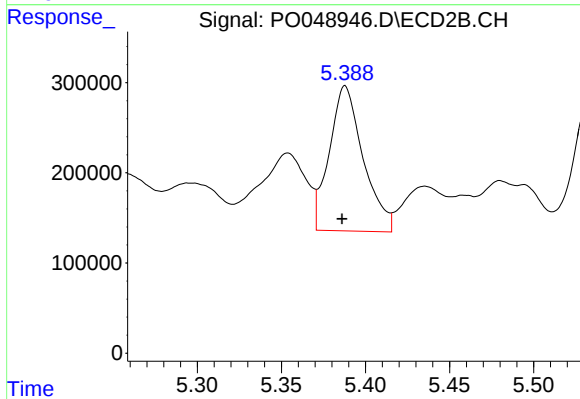
#21 AR-1248-1

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 1529602
Conc: 228.06 ng/ml



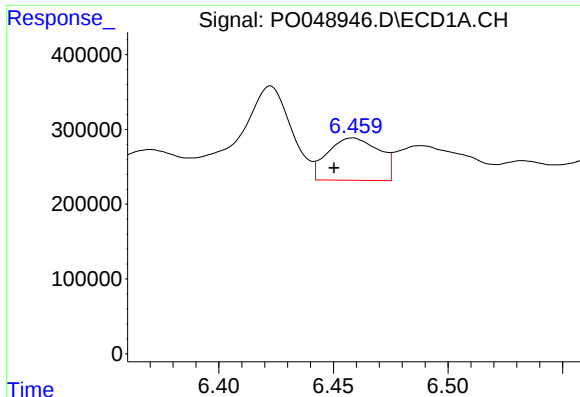
#22 AR-1248-2

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 2013447
Conc: 330.90 ng/ml



#22 AR-1248-2

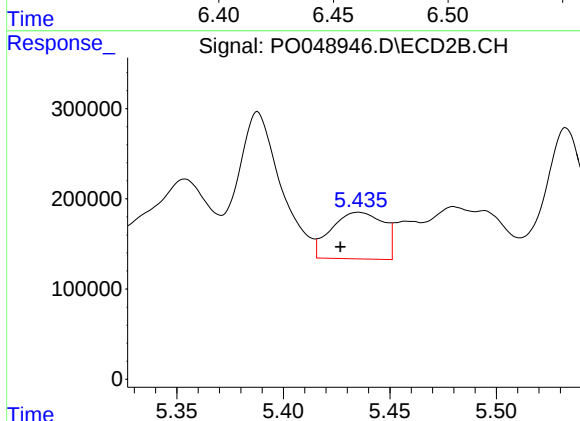
R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 2255855
Conc: 177.45 ng/ml



#23 AR-1248-3

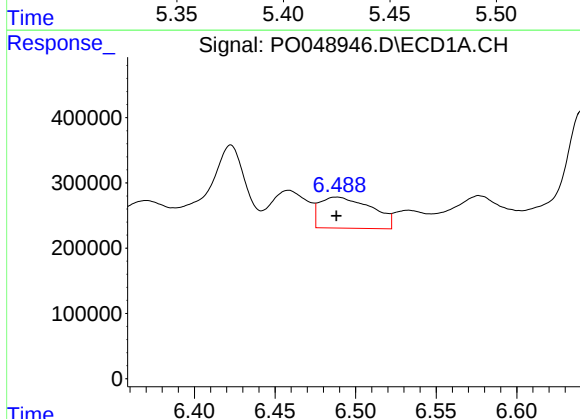
R.T.: 6.458 min
Delta R.T.: 0.008 min
Response: 885742
Conc: 110.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



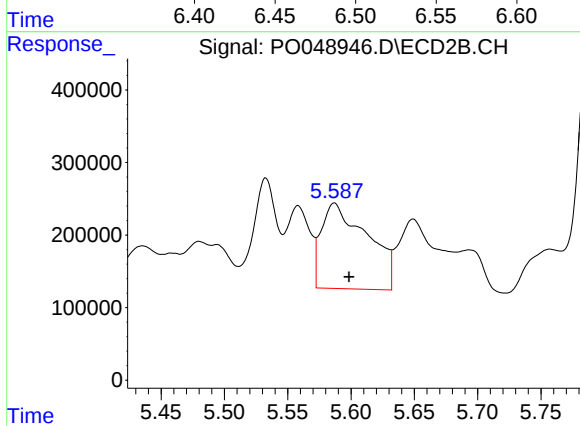
#23 AR-1248-3

R.T.: 5.435 min
Delta R.T.: 0.009 min
Response: 882485
Conc: 98.31 ng/ml



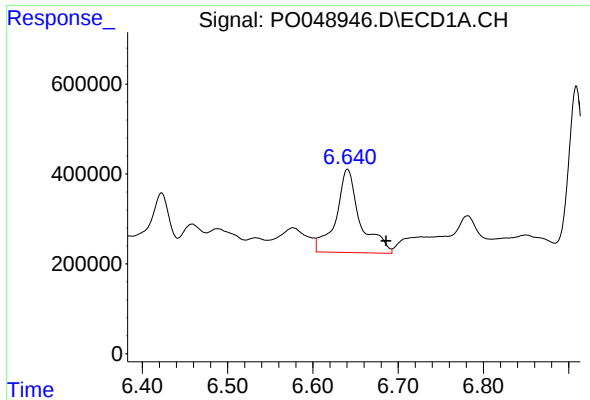
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 1065698
Conc: 138.98 ng/ml



#24 AR-1248-4

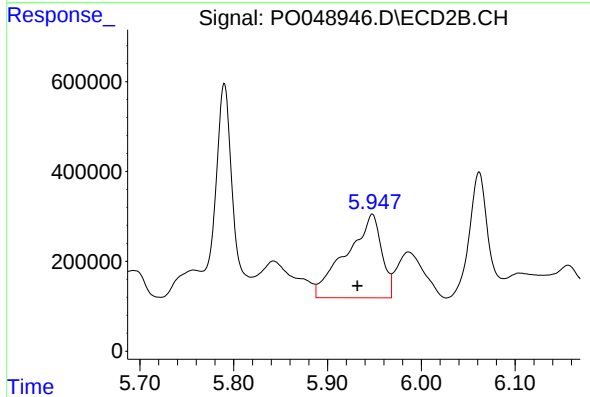
R.T.: 5.587 min
Delta R.T.: -0.011 min
Response: 2994443
Conc: 368.97 ng/ml



#25 AR-1248-5

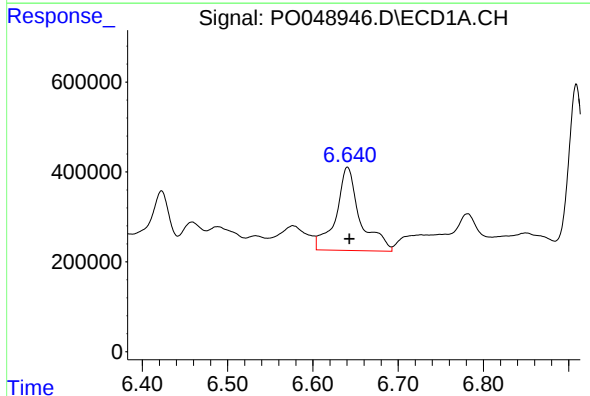
R.T.: 6.641 min
Delta R.T.: -0.045 min
Response: 3666109
Conc: 699.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



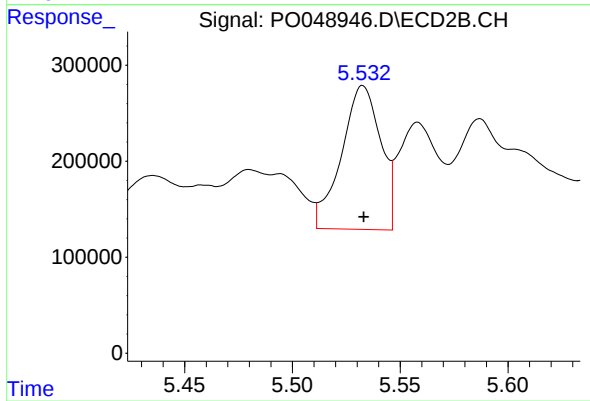
#25 AR-1248-5

R.T.: 5.948 min
Delta R.T.: 0.016 min
Response: 4839231
Conc: 771.60 ng/ml



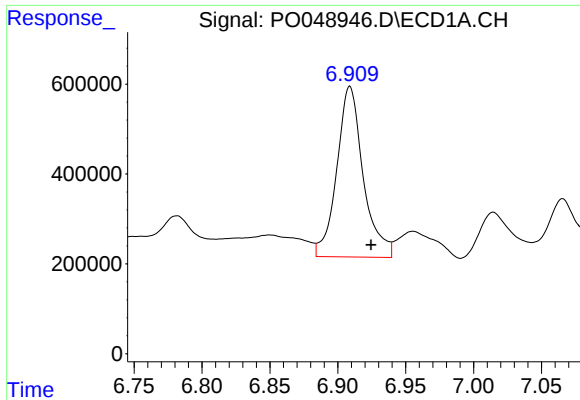
#26 AR-1254-1

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 3666109
Conc: 235.36 ng/ml



#26 AR-1254-1

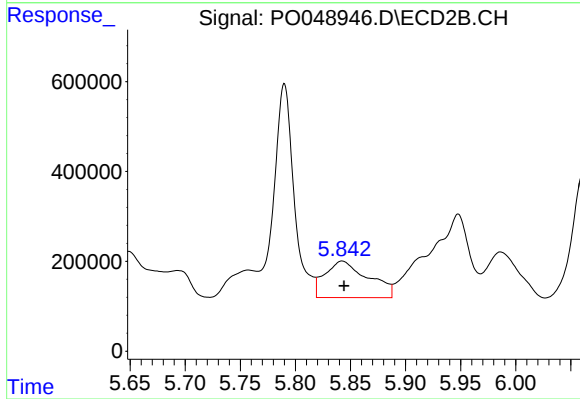
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 1898356
Conc: 143.17 ng/ml



#27 AR-1254-2

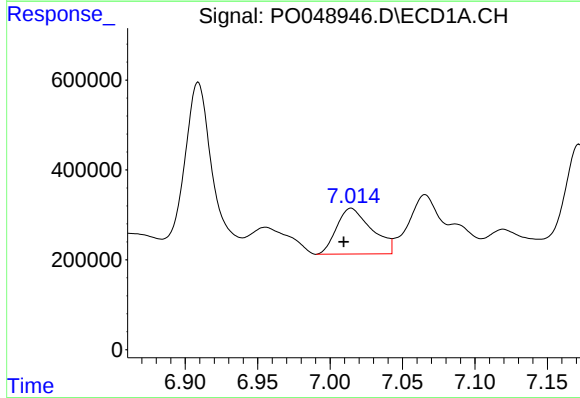
R.T.: 6.909 min
Delta R.T.: -0.016 min
Response: 5143841
Conc: 506.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



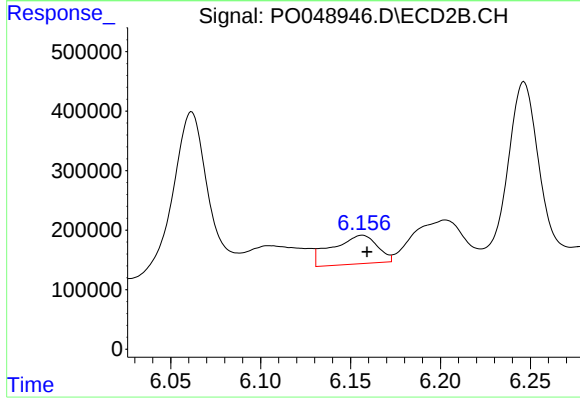
#27 AR-1254-2

R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 2221670
Conc: 190.36 ng/ml



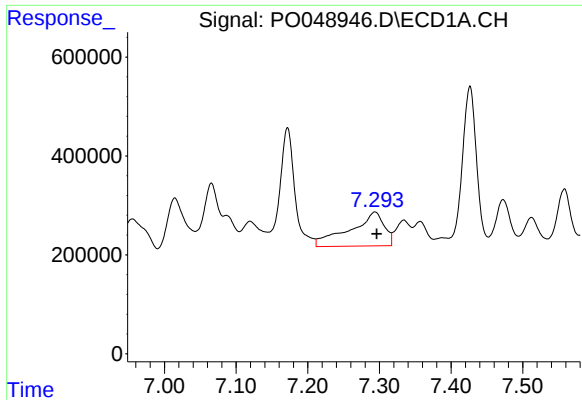
#28 AR-1254-3

R.T.: 7.015 min
Delta R.T.: 0.005 min
Response: 1720177
Conc: 96.00 ng/ml



#28 AR-1254-3

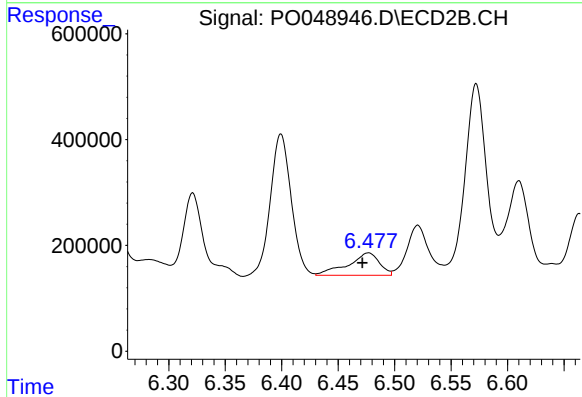
R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 839858
Conc: 56.87 ng/ml



#29 AR-1254-4

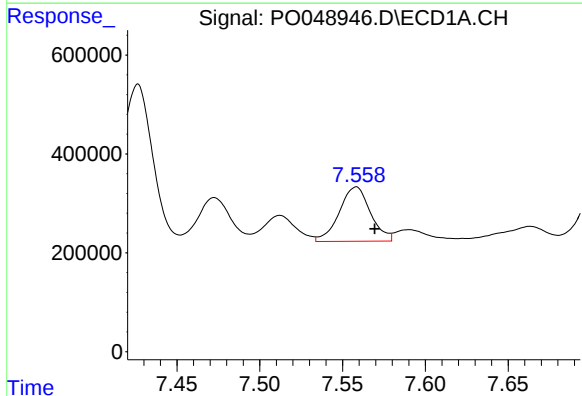
R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 2274085
Conc: 164.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



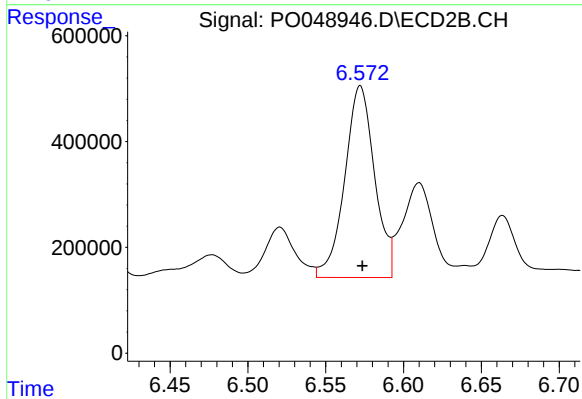
#29 AR-1254-4

R.T.: 6.477 min
Delta R.T.: 0.005 min
Response: 818801
Conc: 73.27 ng/ml



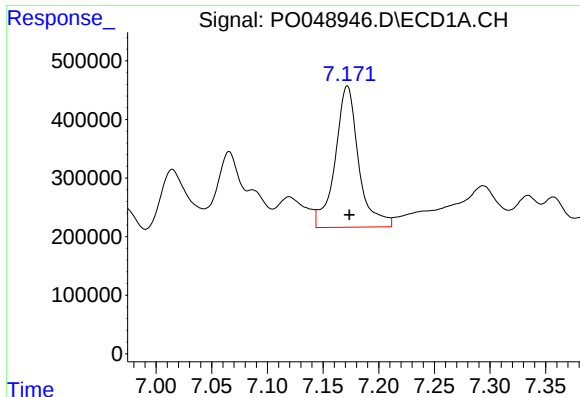
#30 AR-1254-5

R.T.: 7.558 min
Delta R.T.: -0.012 min
Response: 1441757
Conc: 142.82 ng/ml



#30 AR-1254-5

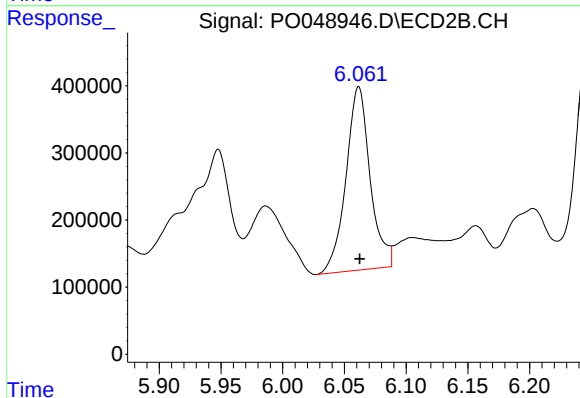
R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 4846841
Conc: 231.54 ng/ml



#31 AR-1260-1

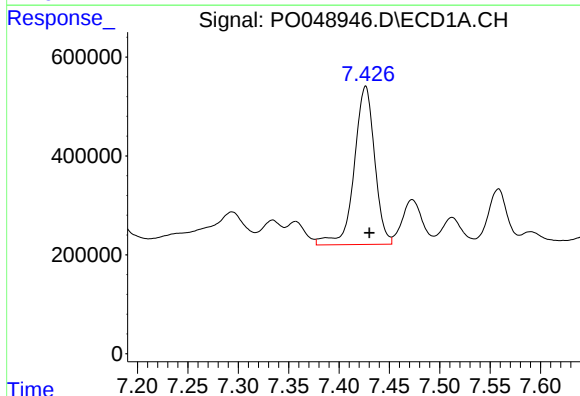
R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 3547148
Conc: 283.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



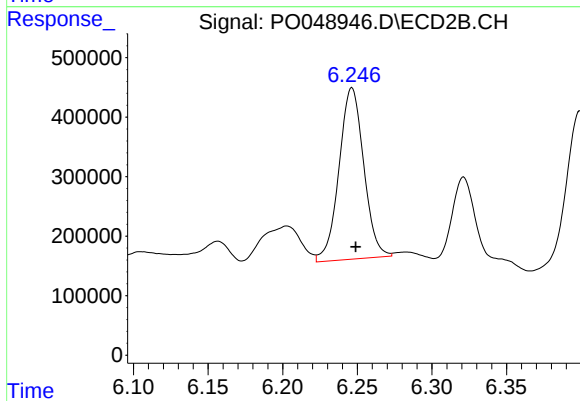
#31 AR-1260-1

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 3726246
Conc: 274.68 ng/ml



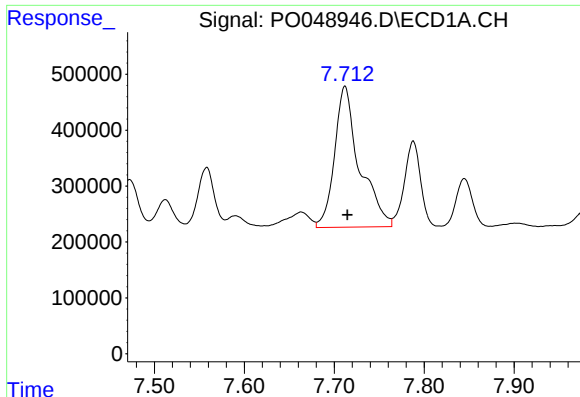
#32 AR-1260-2

R.T.: 7.426 min
Delta R.T.: -0.004 min
Response: 4524328
Conc: 326.09 ng/ml



#32 AR-1260-2

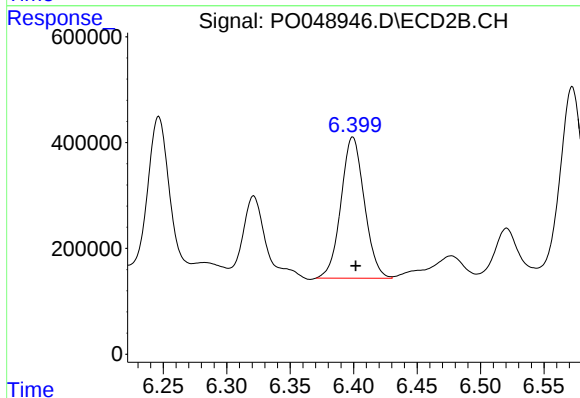
R.T.: 6.246 min
Delta R.T.: -0.003 min
Response: 3322222
Conc: 195.88 ng/ml



#33 AR-1260-3

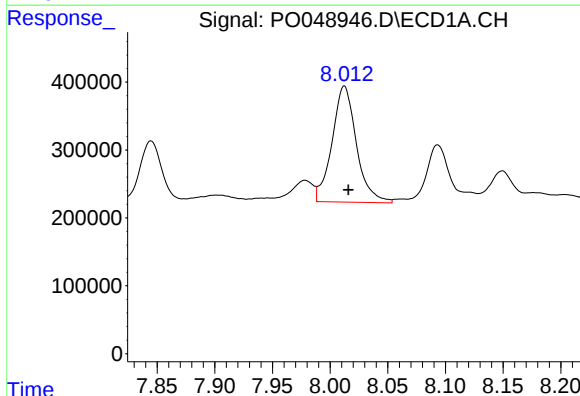
R.T.: 7.712 min
Delta R.T.: -0.003 min
Response: 4856090
Conc: 323.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



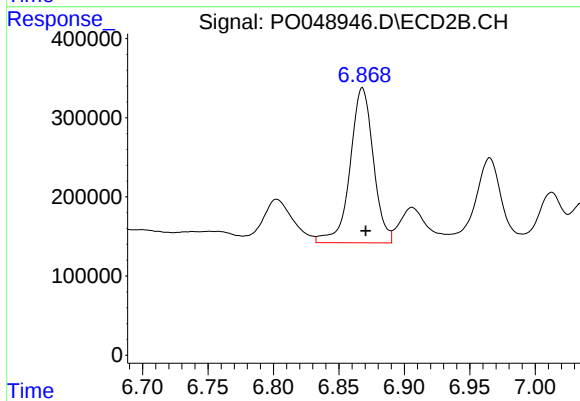
#33 AR-1260-3

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 3415784
Conc: 212.56 ng/ml



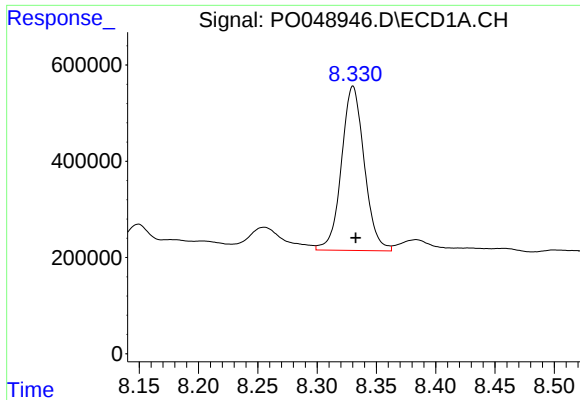
#34 AR-1260-4

R.T.: 8.012 min
Delta R.T.: -0.003 min
Response: 2507287
Conc: 250.57 ng/ml



#34 AR-1260-4

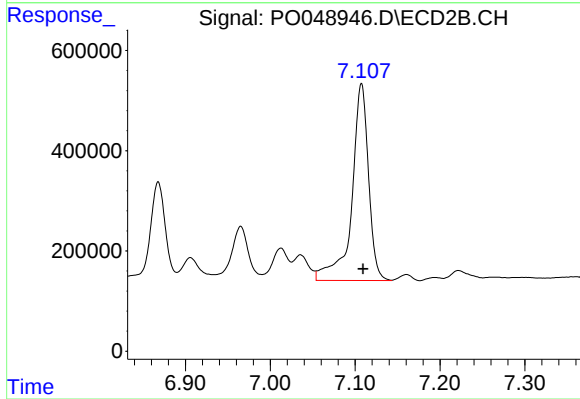
R.T.: 6.868 min
Delta R.T.: -0.003 min
Response: 2424002
Conc: 182.19 ng/ml



#35 AR-1260-5

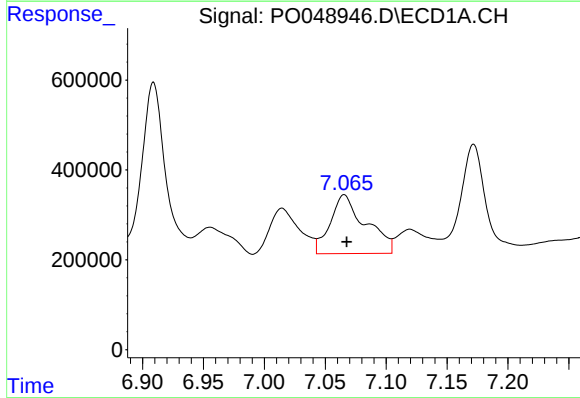
R.T.: 8.330 min
Delta R.T.: -0.002 min
Response: 4576263
Conc: 224.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



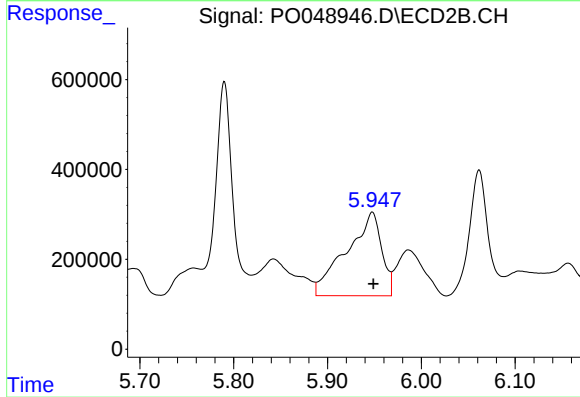
#35 AR-1260-5

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 5399783
Conc: 175.65 ng/ml



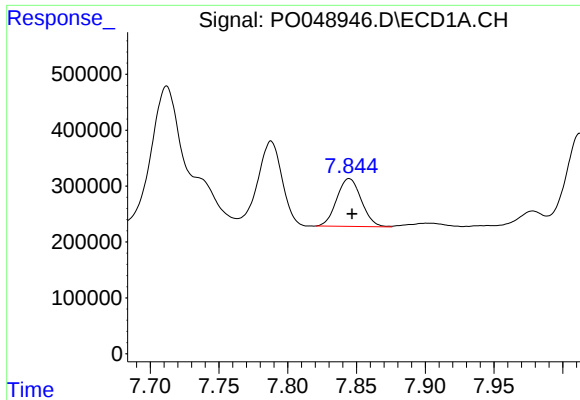
#36 AR-1262-1

R.T.: 7.066 min
Delta R.T.: -0.002 min
Response: 2652440
Conc: 403.22 ng/ml



#36 AR-1262-1

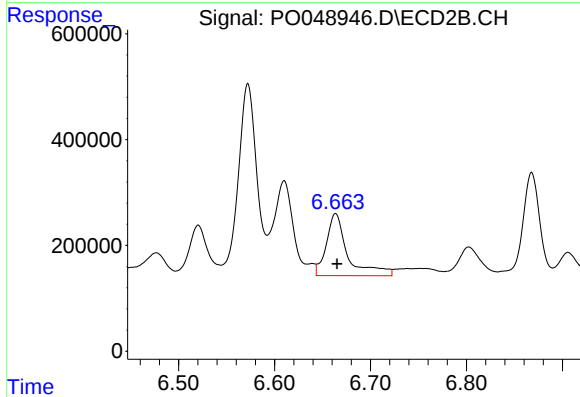
R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 4839231
Conc: 645.92 ng/ml



#37 AR-1262-2

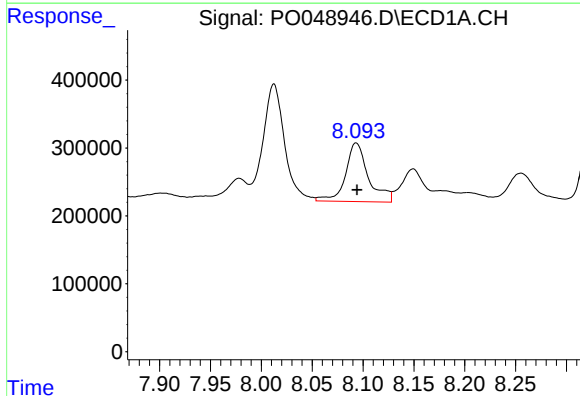
R.T.: 7.845 min
Delta R.T.: -0.002 min
Response: 1063168
Conc: 206.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



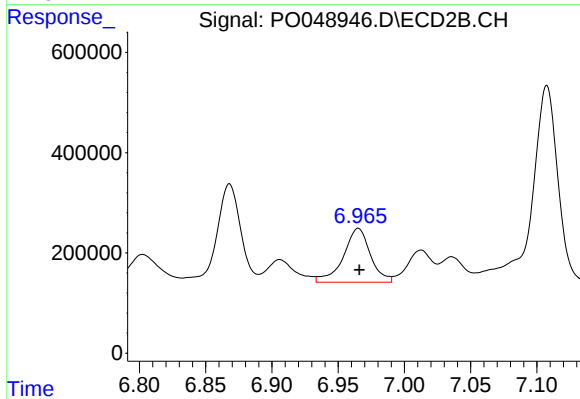
#37 AR-1262-2

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 1824507
Conc: 242.02 ng/ml



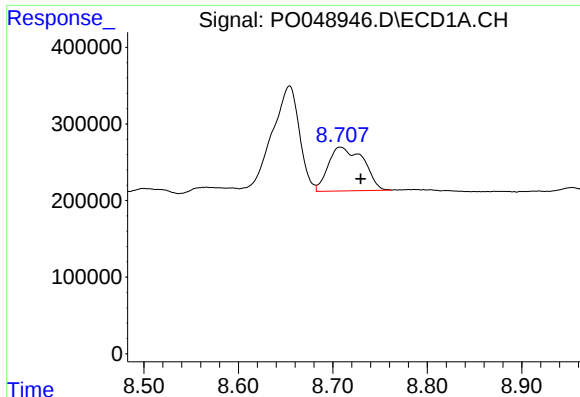
#38 AR-1262-3

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 1350219
Conc: 265.52 ng/ml



#38 AR-1262-3

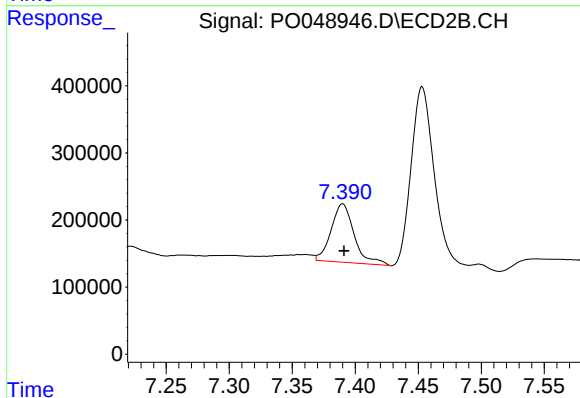
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 1527740
Conc: 185.92 ng/ml



#39 AR-1262-4

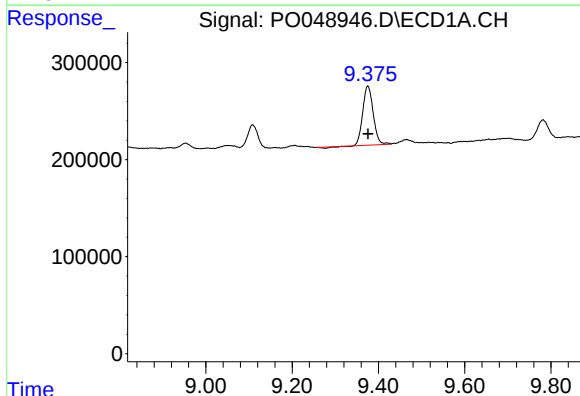
R.T.: 8.708 min
Delta R.T.: -0.021 min
Response: 1471669
Conc: 136.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



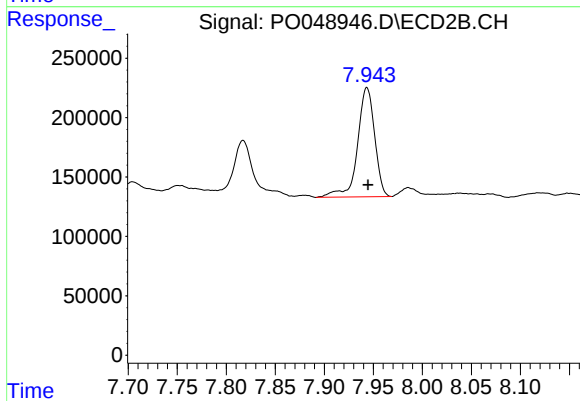
#39 AR-1262-4

R.T.: 7.390 min
Delta R.T.: -0.001 min
Response: 1111881
Conc: 89.97 ng/ml



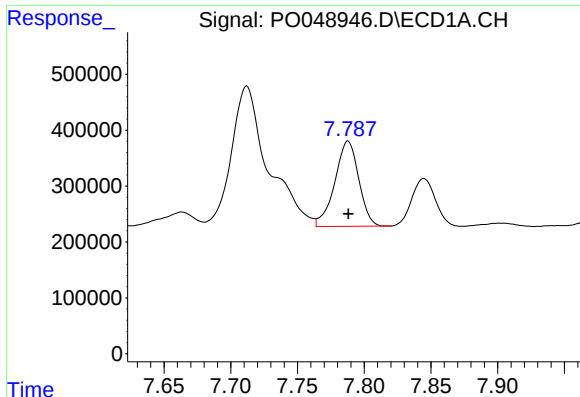
#40 AR-1262-5

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 1021599
Conc: 124.97 ng/ml



#40 AR-1262-5

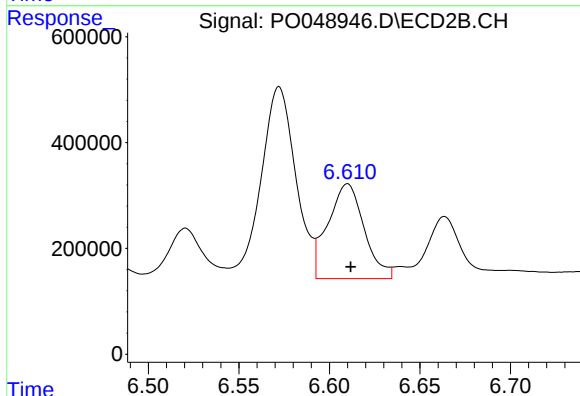
R.T.: 7.944 min
Delta R.T.: -0.001 min
Response: 1116824
Conc: 109.92 ng/ml



#41 AR-1268-1

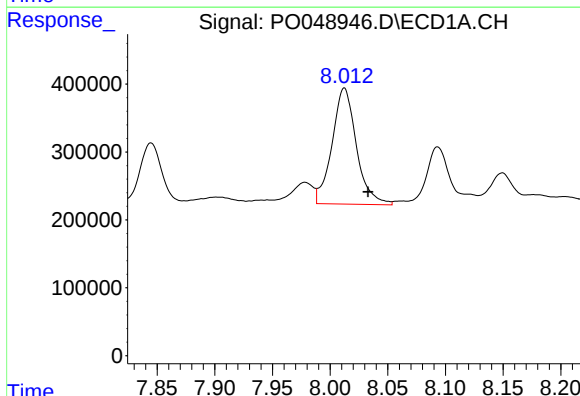
R.T.: 7.788 min
Delta R.T.: 0.000 min
Response: 1873368
Conc: 366.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



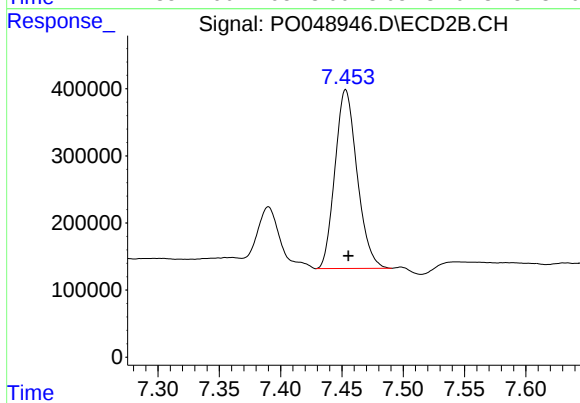
#41 AR-1268-1

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 2492518
Conc: 328.54 ng/ml



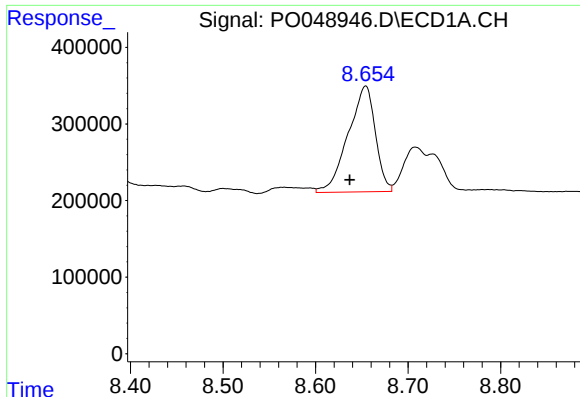
#42 AR-1268-2

R.T.: 8.012 min
Delta R.T.: -0.020 min
Response: 2507287
Conc: 409.80 ng/ml



#42 AR-1268-2

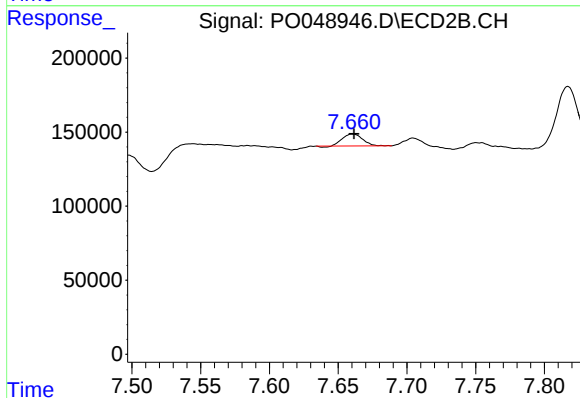
R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 3352353
Conc: 100.80 ng/ml



#43 AR-1268-3

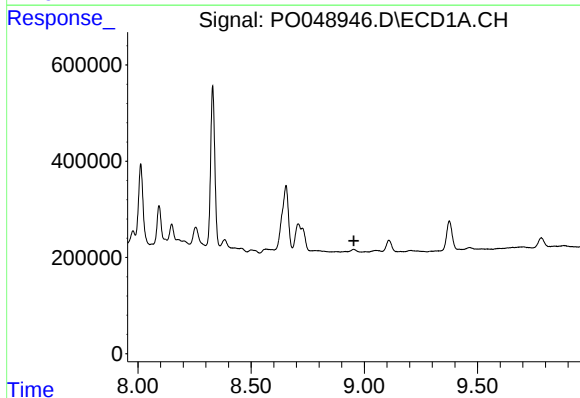
R.T.: 8.654 min
Delta R.T.: 0.017 min
Response: 2823883
Conc: 107.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



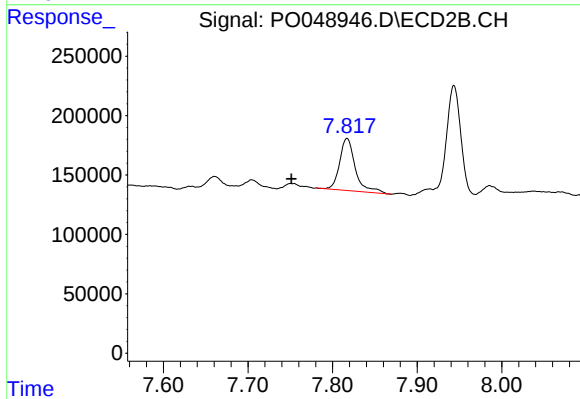
#43 AR-1268-3

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 81253
Conc: 2.98 ng/ml



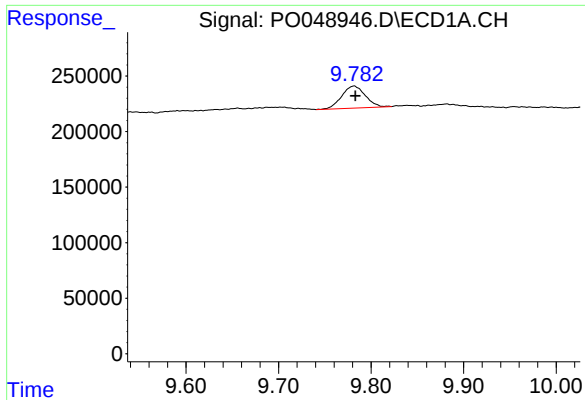
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

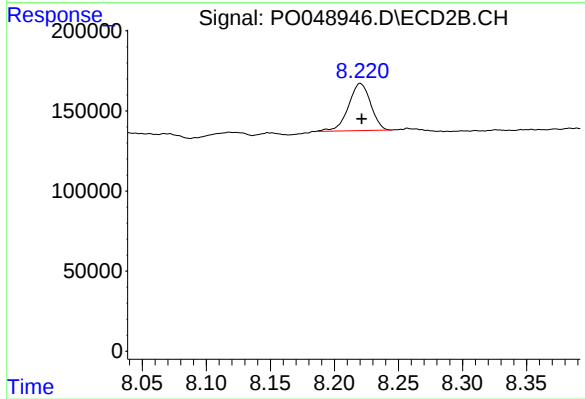
R.T.: 7.817 min
Delta R.T.: 0.066 min
Response: 565874
Conc: 73.05 ng/ml



#45 AR-1268-5

R.T.: 9.781 min
Delta R.T.: -0.002 min
Response: 350380
Conc: 4.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.220 min
Delta R.T.: -0.001 min
Response: 355529
Conc: 5.01 ng/ml