

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090718\
 Data File : P0048821.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Sep 2018 11:01
 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 07 22:46:58 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 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...	4.458	3.529	6014793	6901192	49.850	44.152
2)	SA Decachlor...	10.201	8.467	7162465	8319625	51.334	56.270
Target Compounds							
3)	L1 AR-1016-1	5.169	4.193	1575617	2031725	485.254	468.821
4)	L1 AR-1016-2	5.363	4.599	1666683	3079622	484.610	478.263
5)	L1 AR-1016-3	5.631	4.618	2505042	4118062	496.128	487.706
6)	L1 AR-1016-4	5.715	4.672	2212469	2989243	480.694	508.842
7)	L1 AR-1016-5	6.108	5.043	1938740	2946426	499.529	569.928
8)	L2 AR-1221-1	4.664	3.740	178226	248030	114.784	115.860
9)	L2 AR-1221-2	4.756	3.824	232263	377115	194.217	232.652
10)	L2 AR-1221-3	4.832	3.899	1144502	1395446	303.363	283.361
11)	L3 AR-1232-1	5.653	4.381	3447040	2236614	1242.584	1160.090
12)	L3 AR-1232-2	5.815	4.495	1817006	774553	1223.872	1165.830
13)	L3 AR-1232-3	5.988	4.874	596540	2334252	1387.945	1340.358
14)	L3 AR-1232-4	6.317	5.190	518276	2621174	1308.268	1417.463
15)	L3 AR-1232-5	7.180	0.000	611071	0	2599.658	N.D. #
16)	L4 AR-1242-1	5.199	4.212	882340	1153914	592.053	587.941
17)	L4 AR-1242-2	5.948	4.791	1620134	2456575	564.012	607.227
18)	L4 AR-1242-3	6.149	4.905	786043	851137	549.238	594.467
19)	L4 AR-1242-4	6.194	5.260	598494	970622	542.297	801.947 #
20)	L4 AR-1242-5	6.249	5.628	2126897	333310	559.522	107.796 #
21)	L5 AR-1248-1	5.903	4.833	1482225	1865788	296.811	351.378
22)	L5 AR-1248-2	6.484	5.391	1967800	2832213	376.005	294.926
23)	L5 AR-1248-3	6.511	5.431	776086	849937	114.012	124.887
24)	L5 AR-1248-4	6.550	5.601	633928	220799	96.283	36.344 #
25)	L5 AR-1248-5	6.747	5.951	107490	4181190	23.640	898.372 #
26)	L6 AR-1254-1	6.702	5.536	1625417	2079747	143.468	204.958 #
27)	L6 AR-1254-2	6.984	5.846	313257	1142282	42.652	129.490 #
28)	L6 AR-1254-3	7.068	6.163	951969	546895	74.751	49.617 #
29)	L6 AR-1254-4	7.354	6.484	776760	800919	80.118	98.606
30)	L6 AR-1254-5	7.617	6.577	2342960	7731901	303.148	510.156 #
31)	L7 AR-1260-1	7.231	6.065	4151903	5800550	503.942	557.197
32)	L7 AR-1260-2	7.487	6.251	4832996	6879822	491.830	549.392
33)	L7 AR-1260-3	7.772	6.403	5901751	6481566	494.612	546.308
34)	L7 AR-1260-4	8.072	6.872	4167011	5308140	485.498	561.052
35)	L7 AR-1260-5	8.392	7.112	8001078	12261850	481.942	564.676
36)	L8 AR-1262-1	7.126	5.951	2693223	4181190	551.586	759.589 #
37)	L8 AR-1262-2	7.904	6.668	1914983	2890596	440.733	533.789
38)	L8 AR-1262-3	8.154	6.969	2019810	3019913	415.754	506.256
39)	L8 AR-1262-4	8.792	7.394	1202003	2756957	228.349	310.583 #
40)	L8 AR-1262-5	9.452	7.948	2301000	3159321	342.635	417.691
41)	L9 AR-1268-1	7.846	6.615	3575160	5525436	837.056	1012.486

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

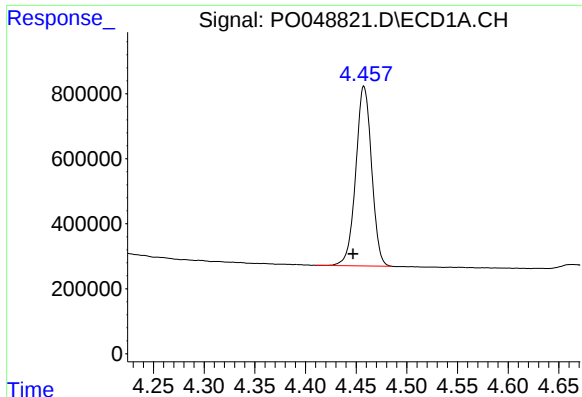
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 22:46:58 2018
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 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	8.072	7.456	4167011	8934067	763.868	375.778 #
43) L9	AR-1268-3	8.720	7.664	5208553	199995	235.603	10.217 #
44) L9	AR-1268-4	9.024	7.754	156369	183812	9.181	32.725 #
45) L9	AR-1268-5	9.865	8.225	635596	842575	12.260	15.452 #

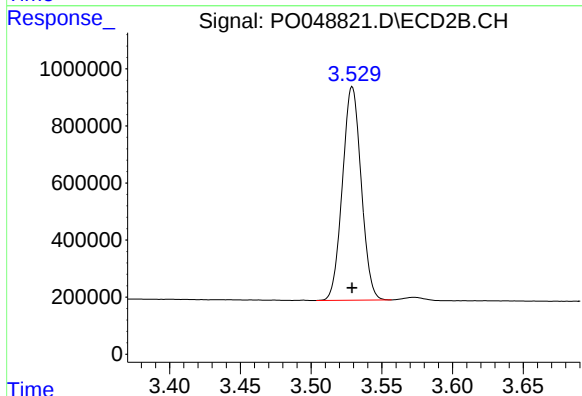
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

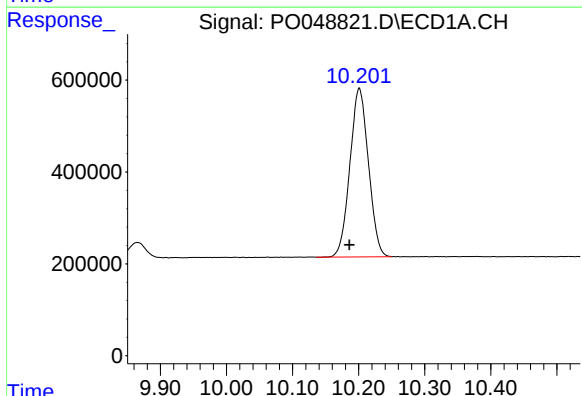
R.T.: 4.458 min
Delta R.T.: 0.011 min
Response: 6014793
Conc: 49.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



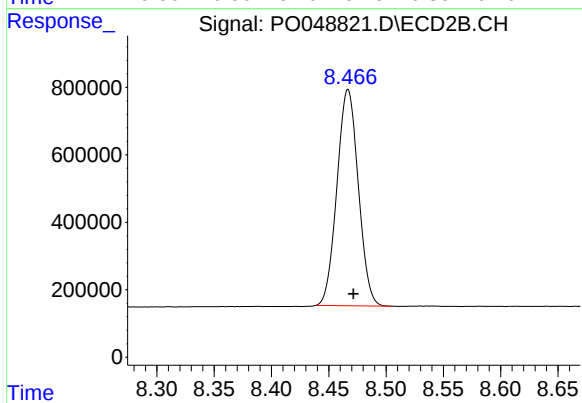
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 6901192
Conc: 44.15 ng/ml



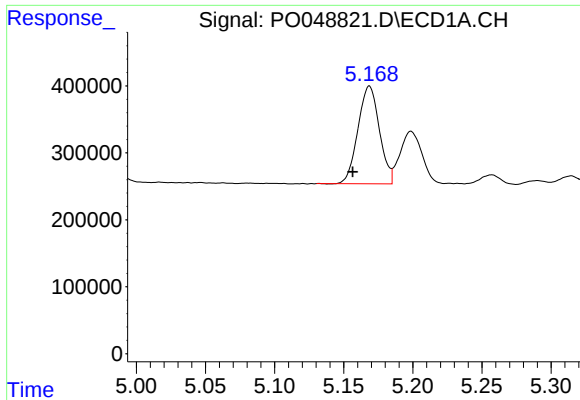
#2 Decachlorobiphenyl

R.T.: 10.201 min
Delta R.T.: 0.015 min
Response: 7162465
Conc: 51.33 ng/ml



#2 Decachlorobiphenyl

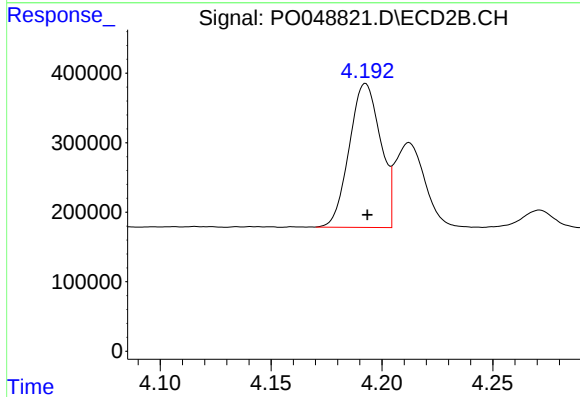
R.T.: 8.467 min
Delta R.T.: -0.005 min
Response: 8319625
Conc: 56.27 ng/ml



#3 AR-1016-1

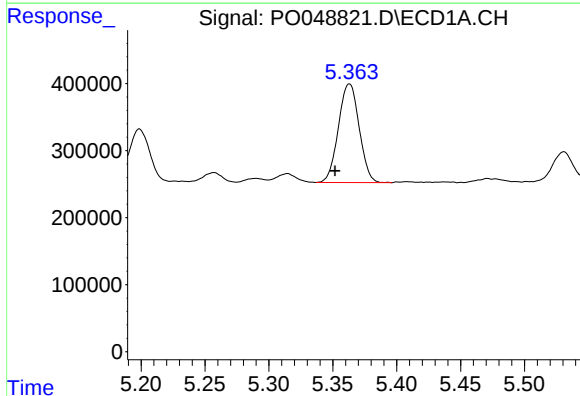
R.T.: 5.169 min
Delta R.T.: 0.012 min
Response: 1575617
Conc: 485.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



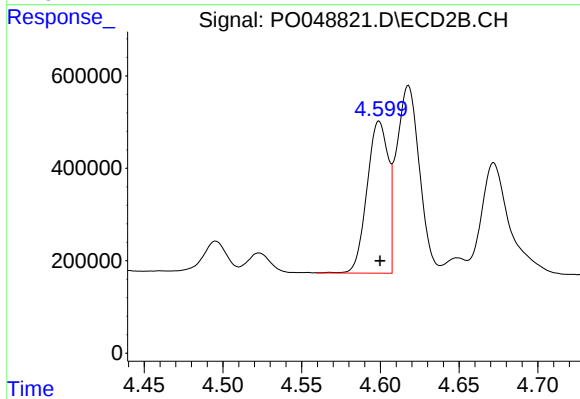
#3 AR-1016-1

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 2031725
Conc: 468.82 ng/ml



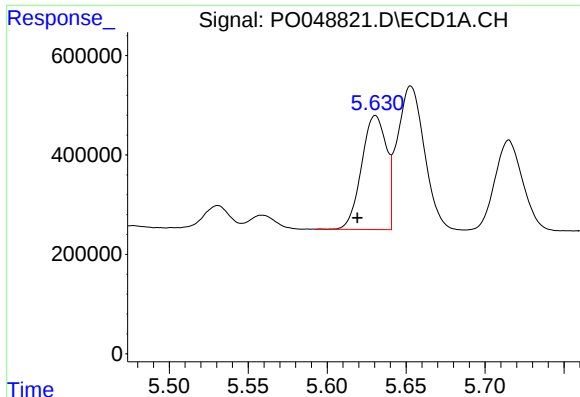
#4 AR-1016-2

R.T.: 5.363 min
Delta R.T.: 0.011 min
Response: 1666683
Conc: 484.61 ng/ml



#4 AR-1016-2

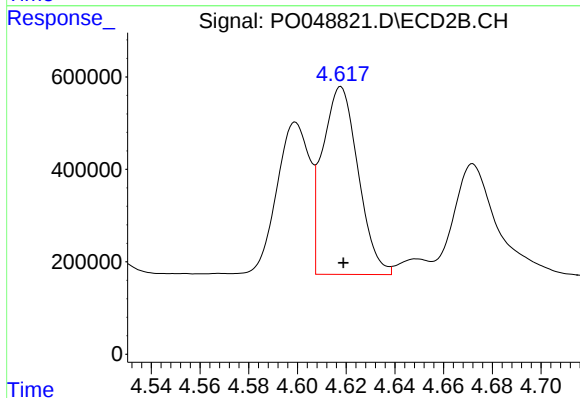
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 3079622
Conc: 478.26 ng/ml



#5 AR-1016-3

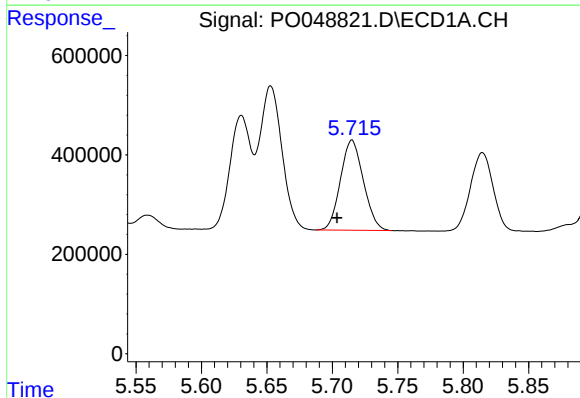
R.T.: 5.631 min
Delta R.T.: 0.011 min
Response: 2505042
Conc: 496.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



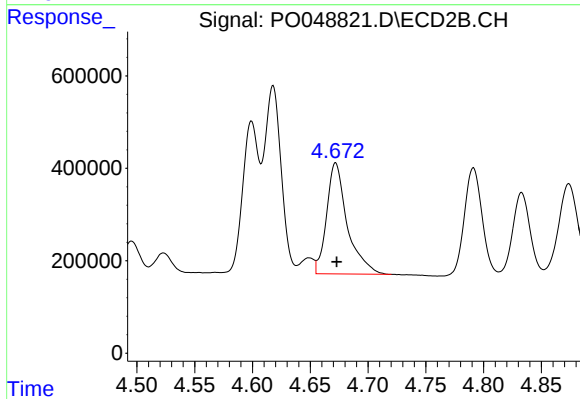
#5 AR-1016-3

R.T.: 4.618 min
Delta R.T.: -0.001 min
Response: 4118062
Conc: 487.71 ng/ml



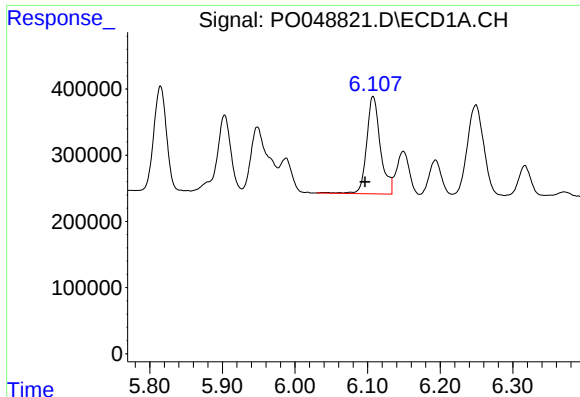
#6 AR-1016-4

R.T.: 5.715 min
Delta R.T.: 0.011 min
Response: 2212469
Conc: 480.69 ng/ml



#6 AR-1016-4

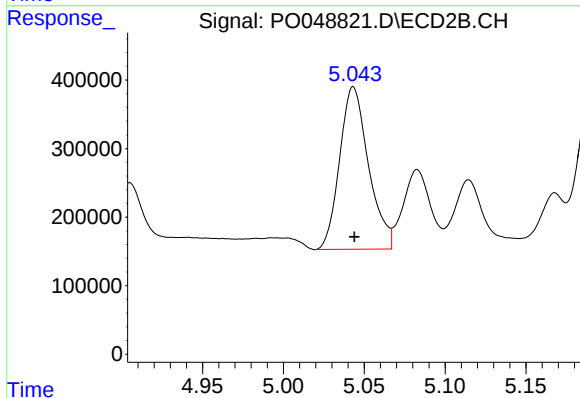
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 2989243
Conc: 508.84 ng/ml



#7 AR-1016-5

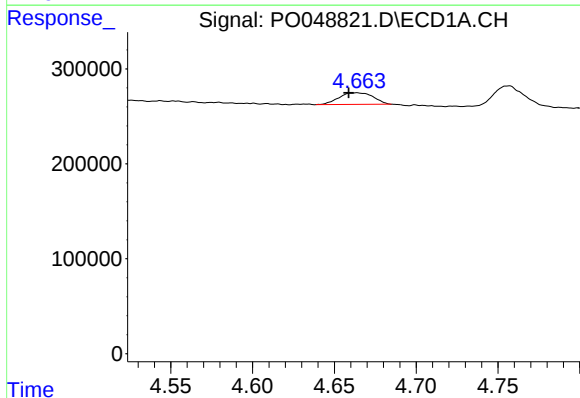
R.T.: 6.108 min
Delta R.T.: 0.011 min
Response: 1938740
Conc: 499.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



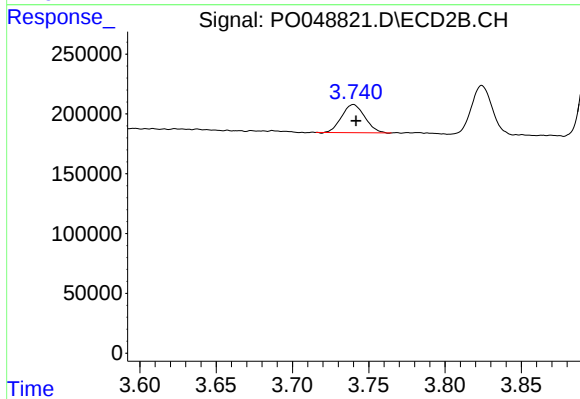
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 2946426
Conc: 569.93 ng/ml



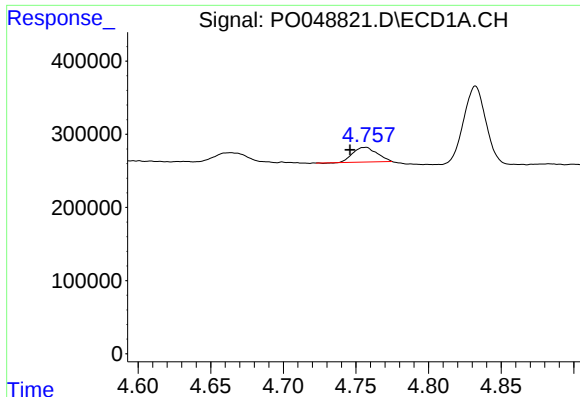
#8 AR-1221-1

R.T.: 4.664 min
Delta R.T.: 0.005 min
Response: 178226
Conc: 114.78 ng/ml



#8 AR-1221-1

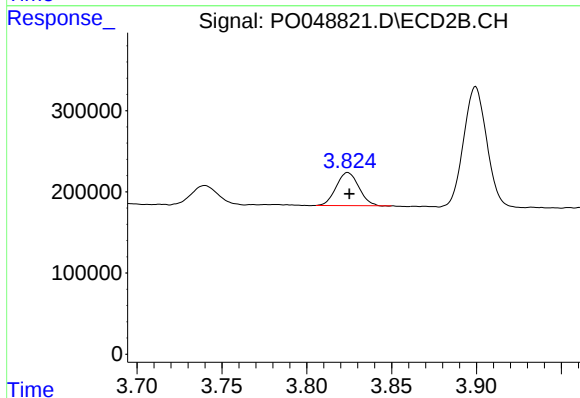
R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 248030
Conc: 115.86 ng/ml



#9 AR-1221-2

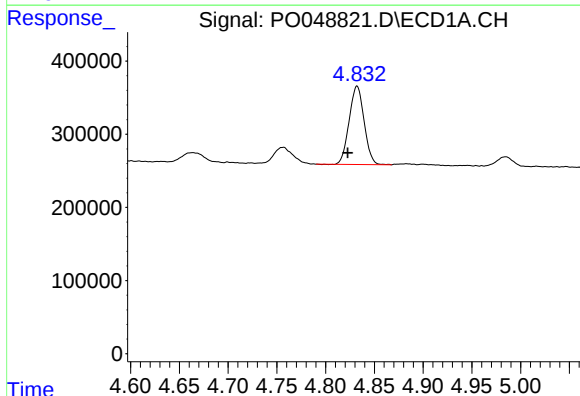
R.T.: 4.756 min
Delta R.T.: 0.010 min
Response: 232263
Conc: 194.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



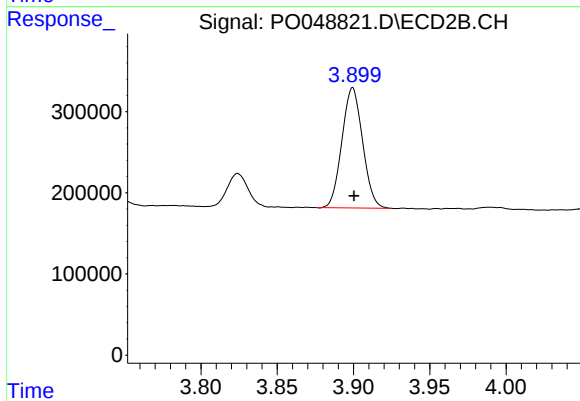
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 377115
Conc: 232.65 ng/ml



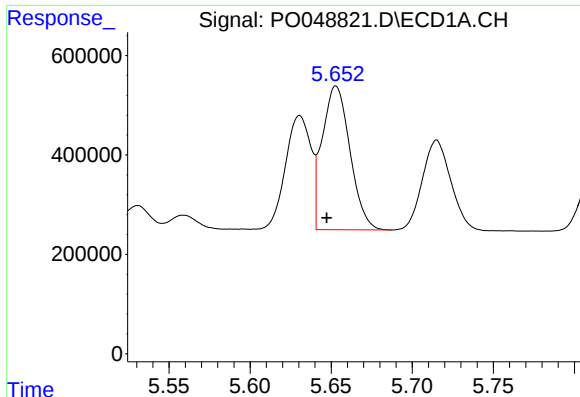
#10 AR-1221-3

R.T.: 4.832 min
Delta R.T.: 0.010 min
Response: 1144502
Conc: 303.36 ng/ml



#10 AR-1221-3

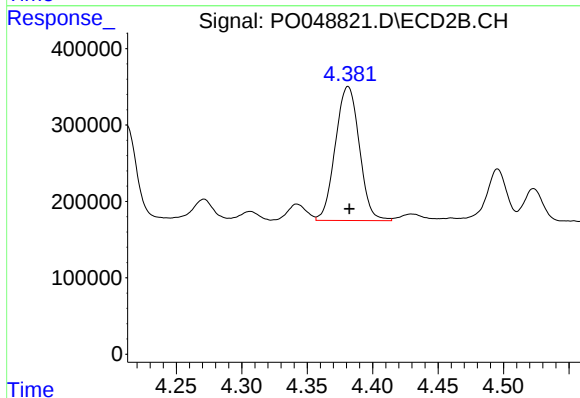
R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 1395446
Conc: 283.36 ng/ml



#11 AR-1232-1

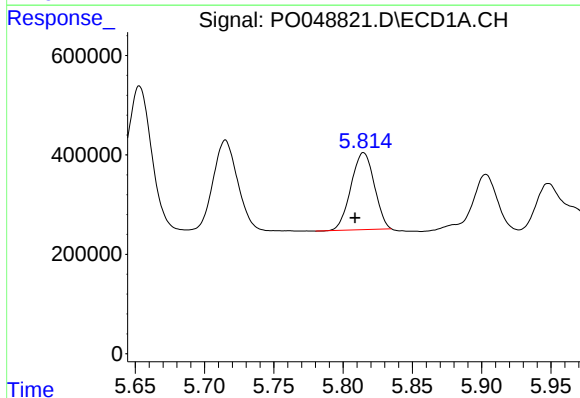
R.T.: 5.653 min
Delta R.T.: 0.006 min
Response: 3447040
Conc: 1242.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



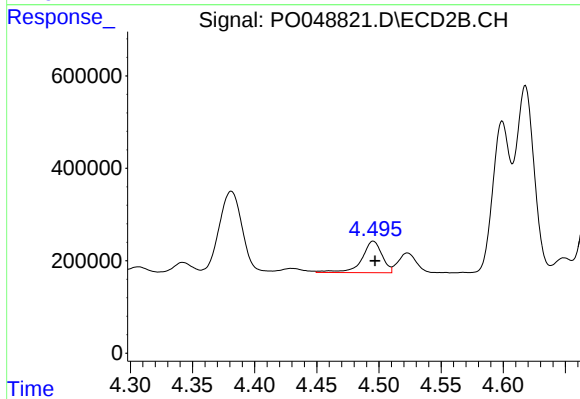
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 2236614
Conc: 1160.09 ng/ml



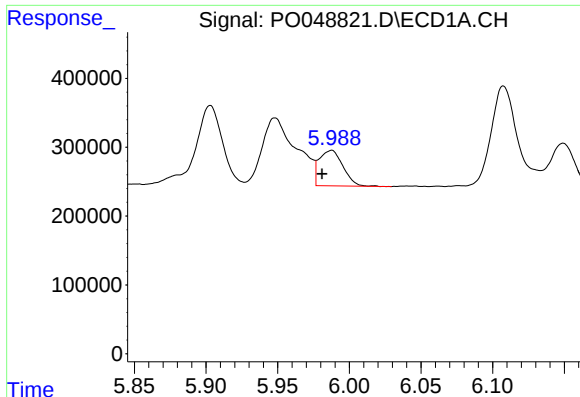
#12 AR-1232-2

R.T.: 5.815 min
Delta R.T.: 0.006 min
Response: 1817006
Conc: 1223.87 ng/ml



#12 AR-1232-2

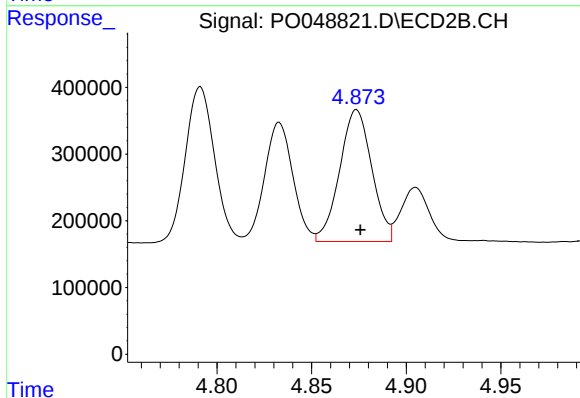
R.T.: 4.495 min
Delta R.T.: -0.001 min
Response: 774553
Conc: 1165.83 ng/ml



#13 AR-1232-3

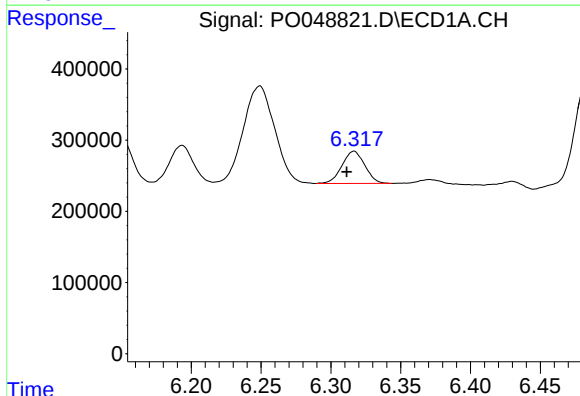
R.T.: 5.988 min
Delta R.T.: 0.007 min
Response: 596540
Conc: 1387.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



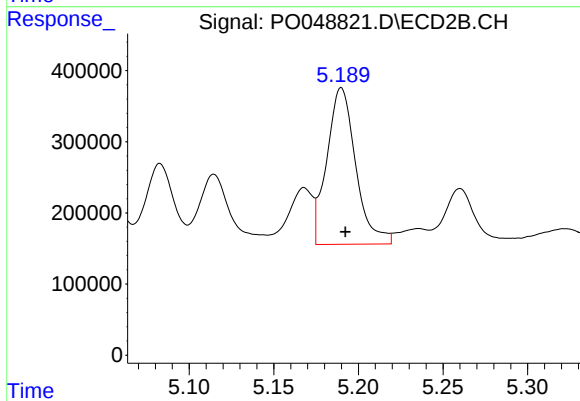
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 2334252
Conc: 1340.36 ng/ml



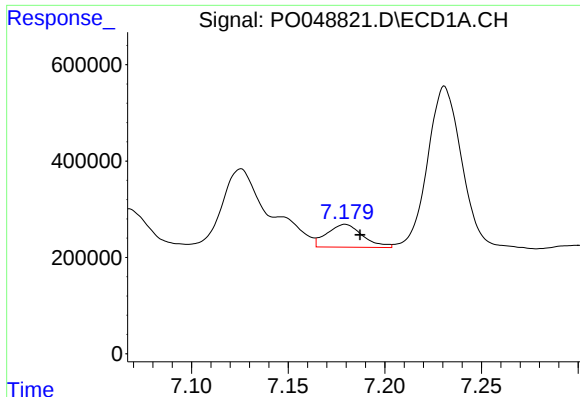
#14 AR-1232-4

R.T.: 6.317 min
Delta R.T.: 0.005 min
Response: 518276
Conc: 1308.27 ng/ml



#14 AR-1232-4

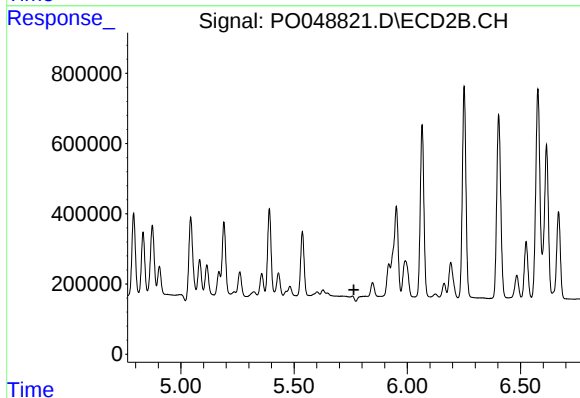
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 2621174
Conc: 1417.46 ng/ml



#15 AR-1232-5

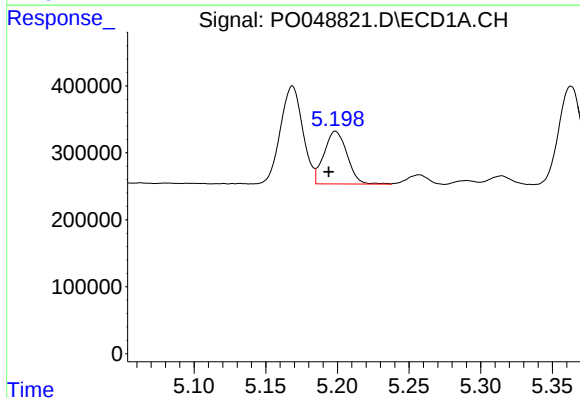
R.T.: 7.180 min
Delta R.T.: -0.008 min
Response: 611071
Conc: 2599.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



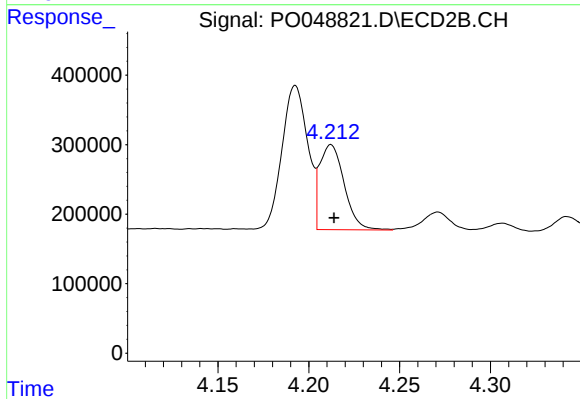
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.764 min
Response: 0
Conc: N.D.



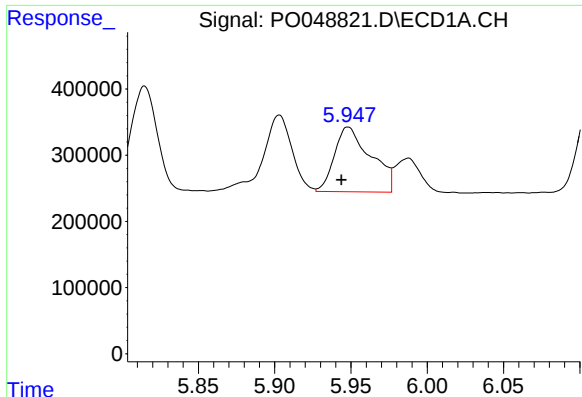
#16 AR-1242-1

R.T.: 5.199 min
Delta R.T.: 0.005 min
Response: 882340
Conc: 592.05 ng/ml



#16 AR-1242-1

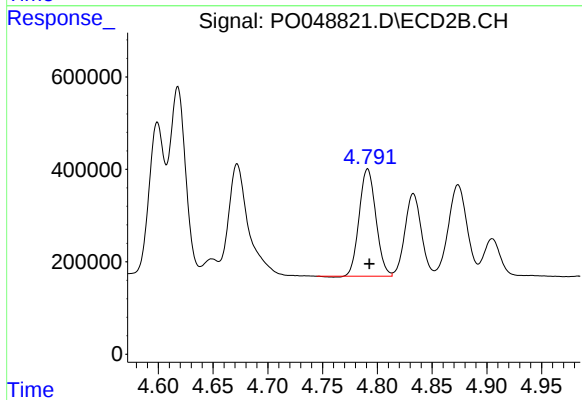
R.T.: 4.212 min
Delta R.T.: -0.002 min
Response: 1153914
Conc: 587.94 ng/ml



#17 AR-1242-2

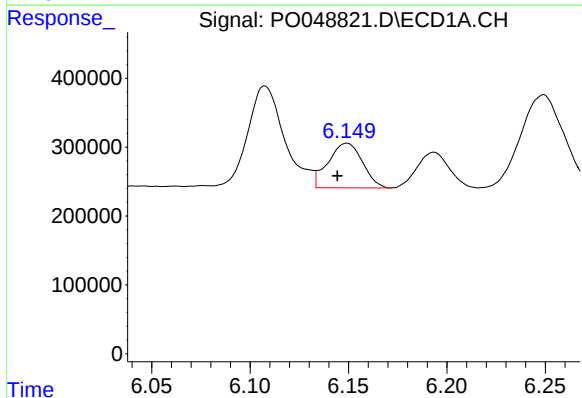
R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 1620134
Conc: 564.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



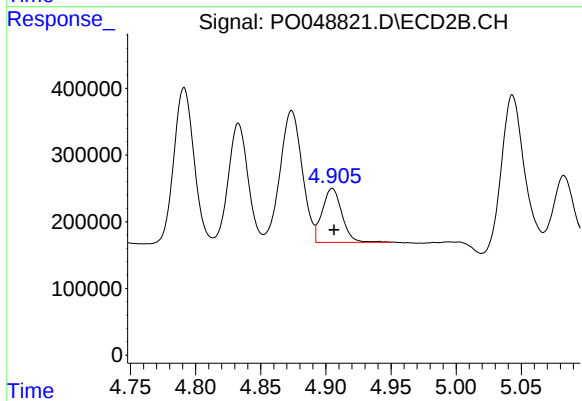
#17 AR-1242-2

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 2456575
Conc: 607.23 ng/ml



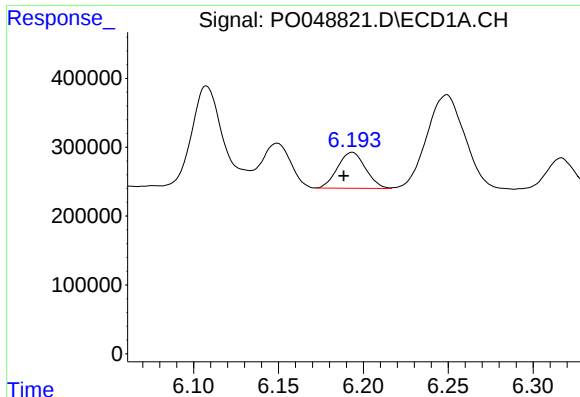
#18 AR-1242-3

R.T.: 6.149 min
Delta R.T.: 0.005 min
Response: 786043
Conc: 549.24 ng/ml



#18 AR-1242-3

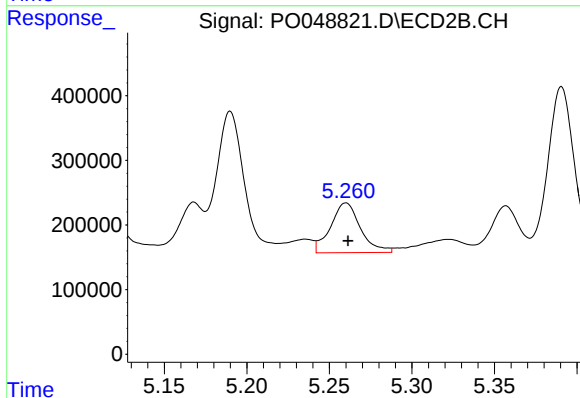
R.T.: 4.905 min
Delta R.T.: -0.002 min
Response: 851137
Conc: 594.47 ng/ml



#19 AR-1242-4

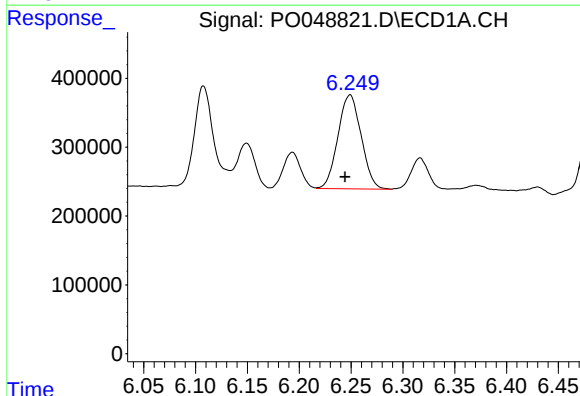
R.T.: 6.194 min
Delta R.T.: 0.005 min
Response: 598494
Conc: 542.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



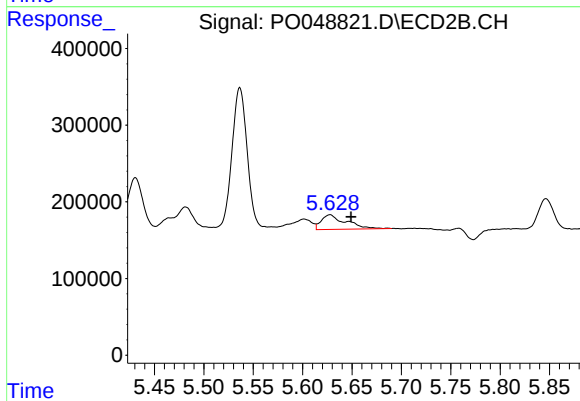
#19 AR-1242-4

R.T.: 5.260 min
Delta R.T.: -0.001 min
Response: 970622
Conc: 801.95 ng/ml



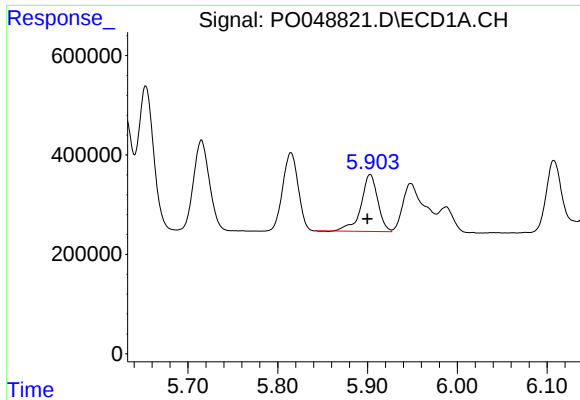
#20 AR-1242-5

R.T.: 6.249 min
Delta R.T.: 0.005 min
Response: 2126897
Conc: 559.52 ng/ml



#20 AR-1242-5

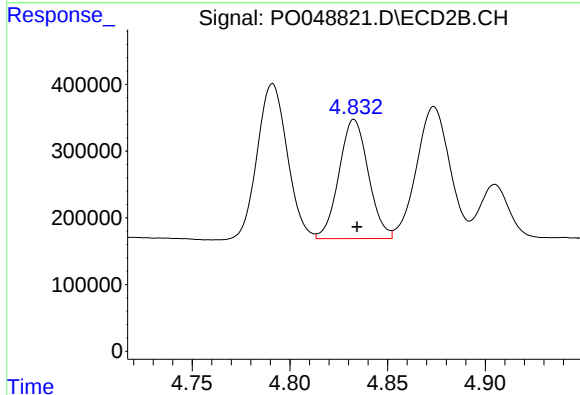
R.T.: 5.628 min
Delta R.T.: -0.021 min
Response: 333310
Conc: 107.80 ng/ml



#21 AR-1248-1

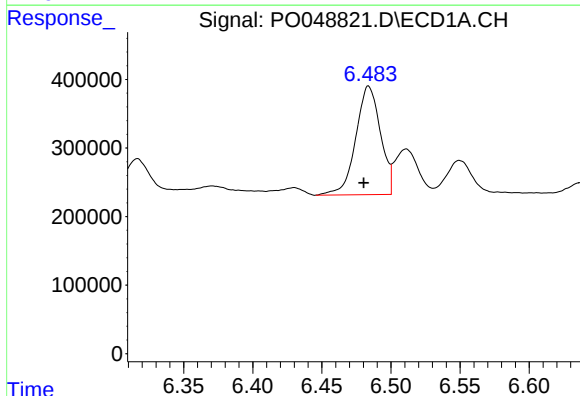
R.T.: 5.903 min
Delta R.T.: 0.003 min
Response: 1482225
Conc: 296.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



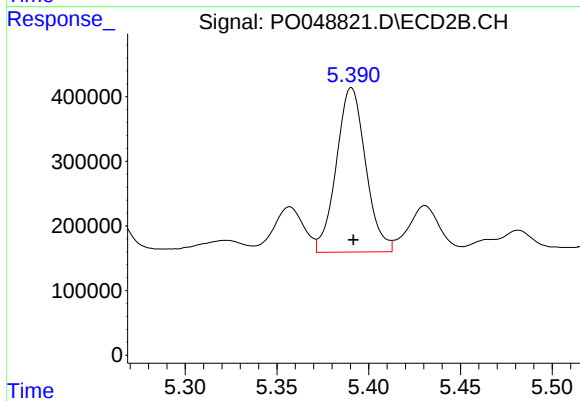
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 1865788
Conc: 351.38 ng/ml



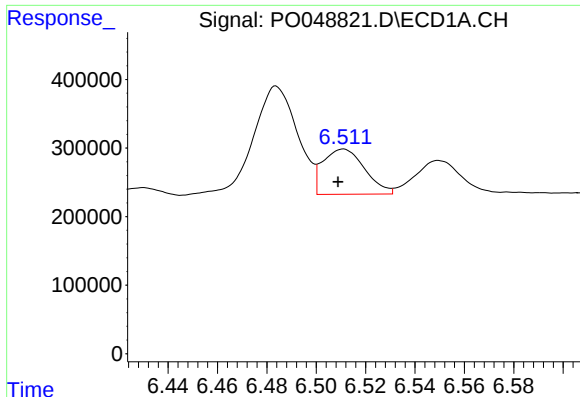
#22 AR-1248-2

R.T.: 6.484 min
Delta R.T.: 0.004 min
Response: 1967800
Conc: 376.00 ng/ml



#22 AR-1248-2

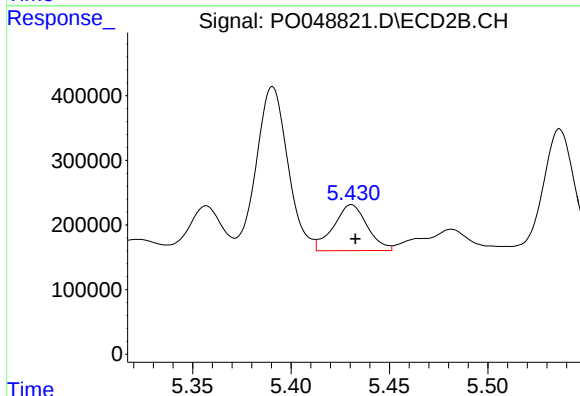
R.T.: 5.391 min
Delta R.T.: -0.001 min
Response: 2832213
Conc: 294.93 ng/ml



#23 AR-1248-3

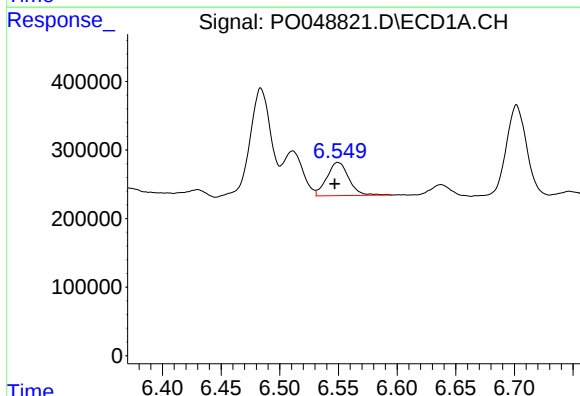
R.T.: 6.511 min
Delta R.T.: 0.002 min
Response: 776086
Conc: 114.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



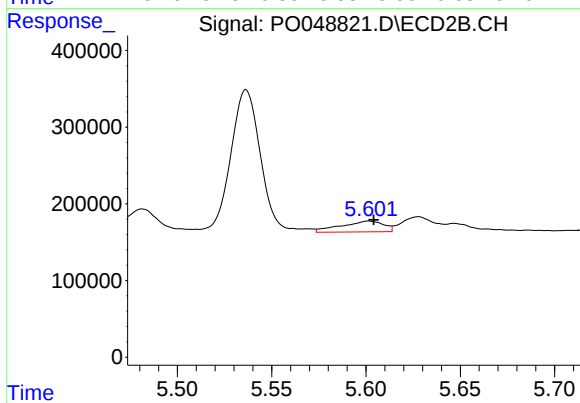
#23 AR-1248-3

R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 849937
Conc: 124.89 ng/ml



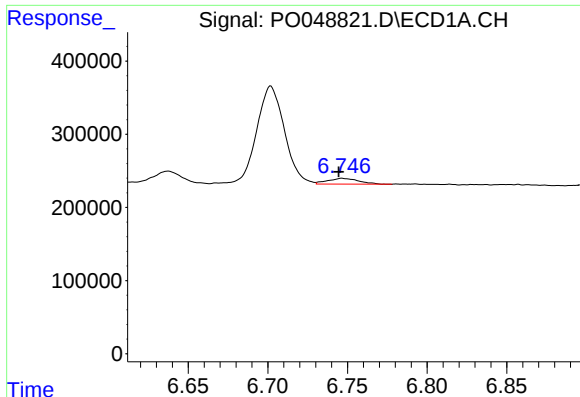
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: 0.003 min
Response: 633928
Conc: 96.28 ng/ml



#24 AR-1248-4

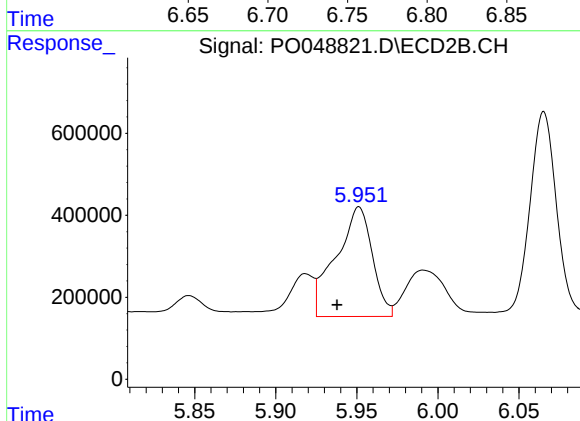
R.T.: 5.601 min
Delta R.T.: -0.003 min
Response: 220799
Conc: 36.34 ng/ml



#25 AR-1248-5

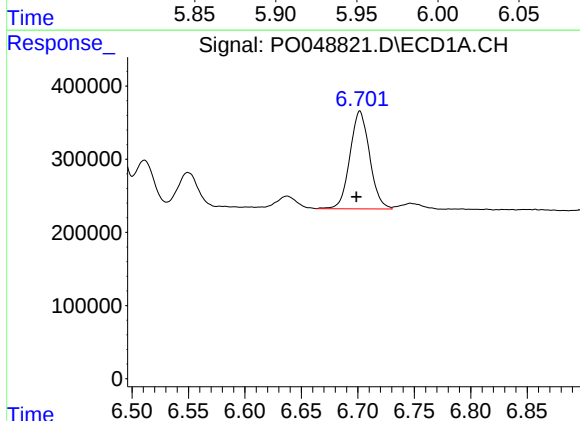
R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 107490
Conc: 23.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



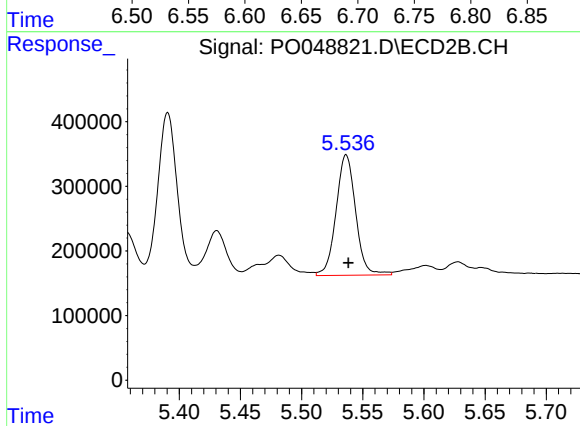
#25 AR-1248-5

R.T.: 5.951 min
Delta R.T.: 0.013 min
Response: 4181190
Conc: 898.37 ng/ml



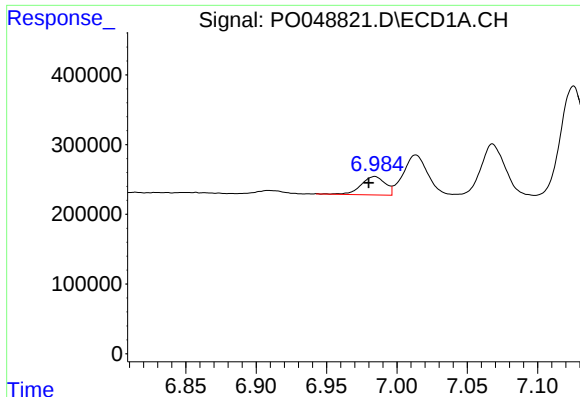
#26 AR-1254-1

R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 1625417
Conc: 143.47 ng/ml



#26 AR-1254-1

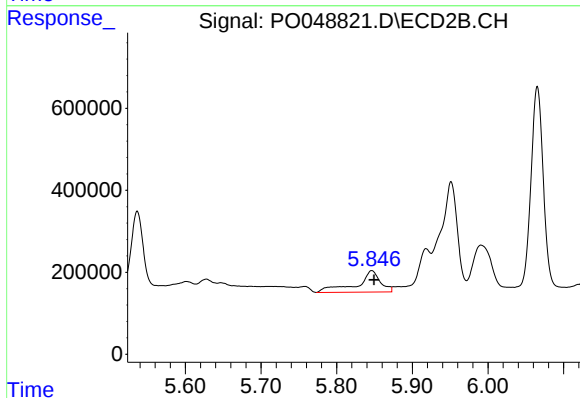
R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 2079747
Conc: 204.96 ng/ml



#27 AR-1254-2

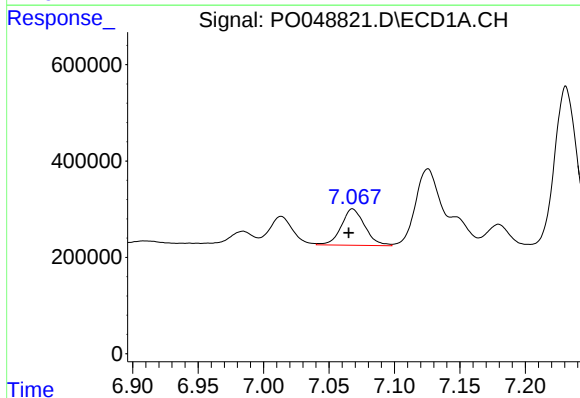
R.T.: 6.984 min
Delta R.T.: 0.004 min
Response: 313257
Conc: 42.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



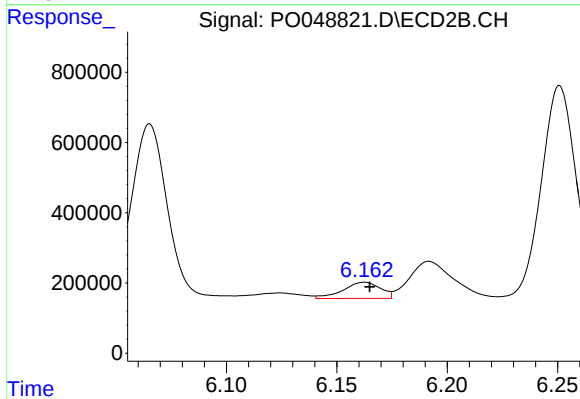
#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 1142282
Conc: 129.49 ng/ml



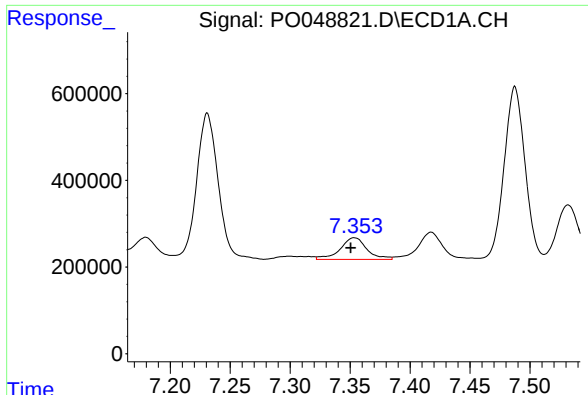
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 951969
Conc: 74.75 ng/ml



#28 AR-1254-3

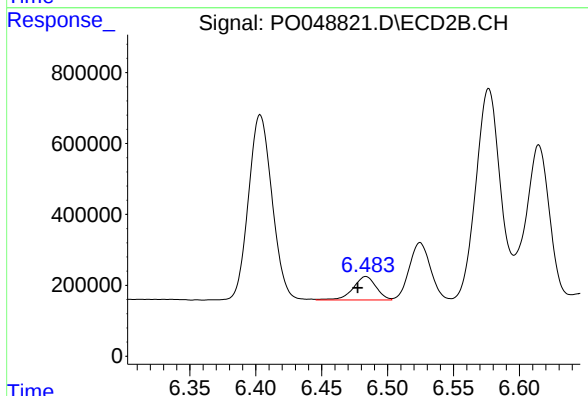
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 546895
Conc: 49.62 ng/ml



#29 AR-1254-4

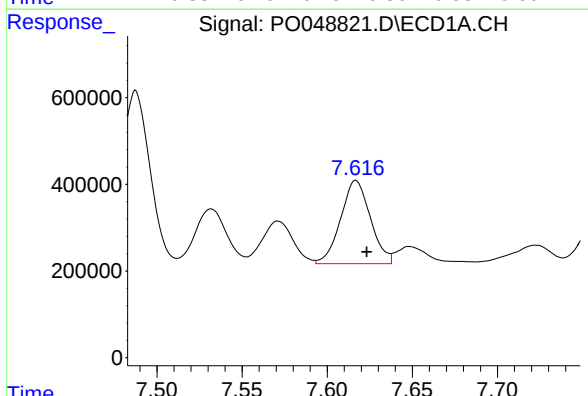
R.T.: 7.354 min
Delta R.T.: 0.003 min
Response: 776760
Conc: 80.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



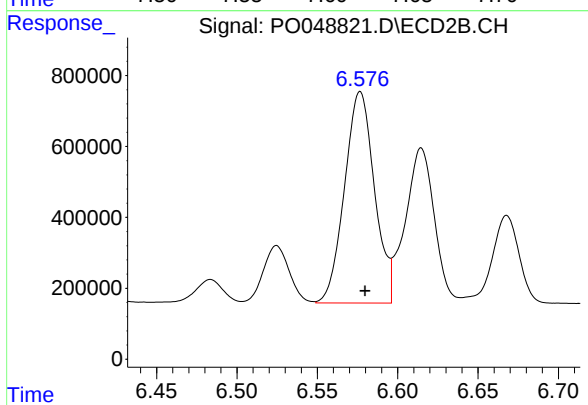
#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: 0.006 min
Response: 800919
Conc: 98.61 ng/ml



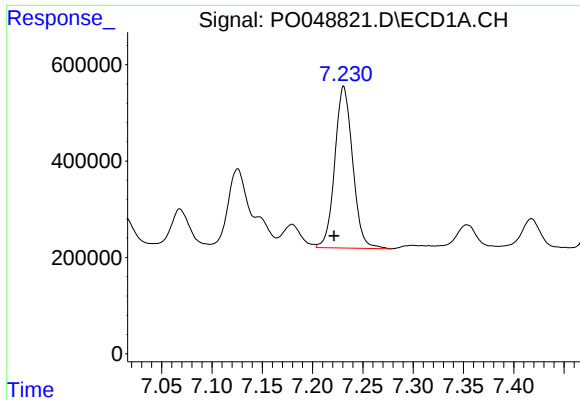
#30 AR-1254-5

R.T.: 7.617 min
Delta R.T.: -0.006 min
Response: 2342960
Conc: 303.15 ng/ml



#30 AR-1254-5

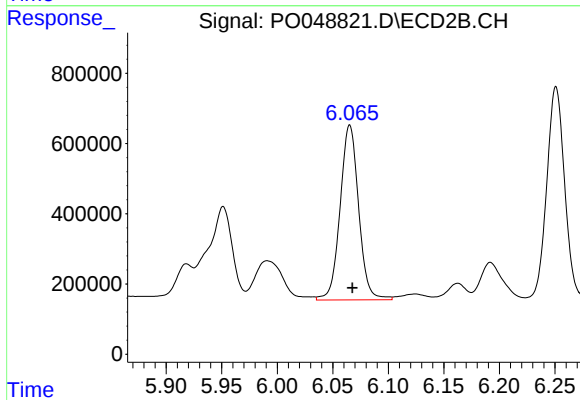
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 7731901
Conc: 510.16 ng/ml



#31 AR-1260-1

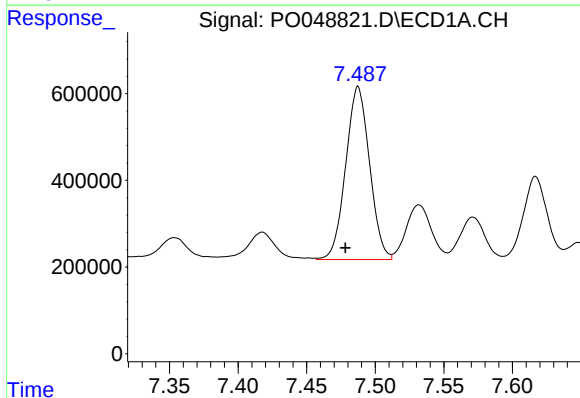
R.T.: 7.231 min
Delta R.T.: 0.009 min
Response: 4151903
Conc: 503.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



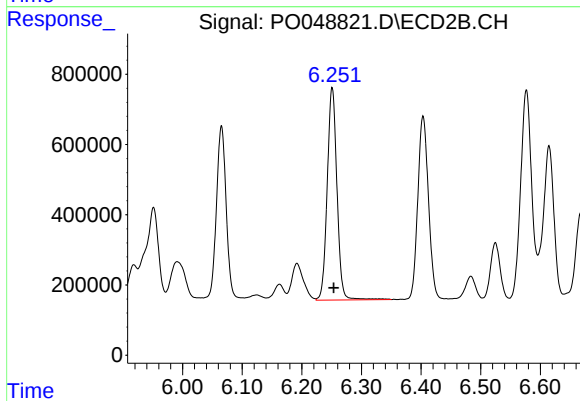
#31 AR-1260-1

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 5800550
Conc: 557.20 ng/ml



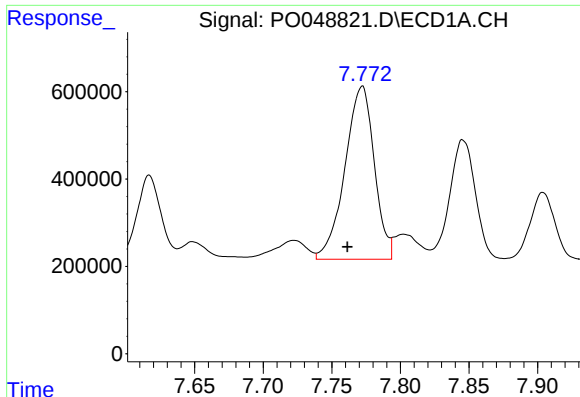
#32 AR-1260-2

R.T.: 7.487 min
Delta R.T.: 0.009 min
Response: 4832996
Conc: 491.83 ng/ml



#32 AR-1260-2

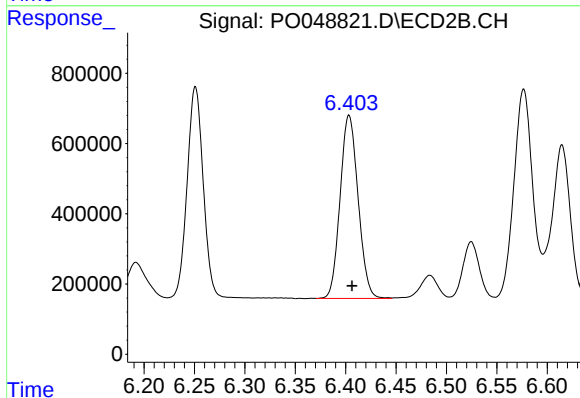
R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 6879822
Conc: 549.39 ng/ml



#33 AR-1260-3

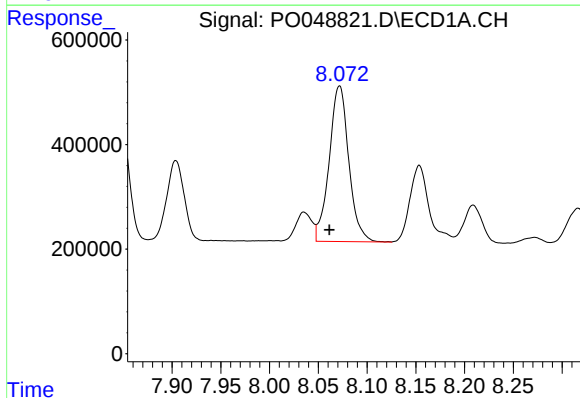
R.T.: 7.772 min
Delta R.T.: 0.011 min
Response: 5901751
Conc: 494.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



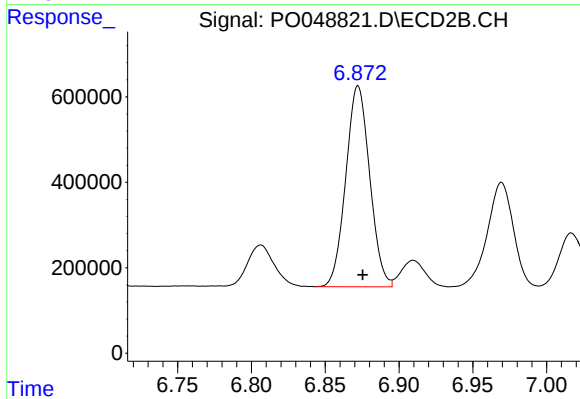
#33 AR-1260-3

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 6481566
Conc: 546.31 ng/ml



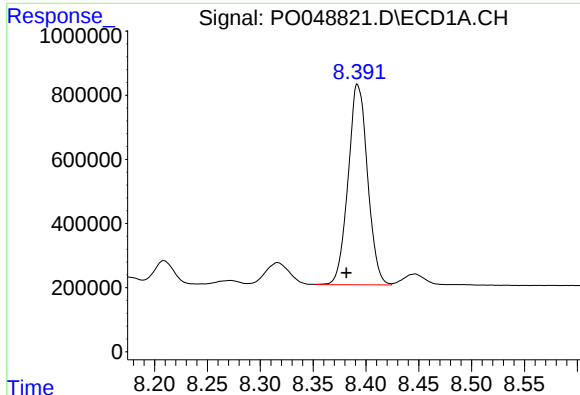
#34 AR-1260-4

R.T.: 8.072 min
Delta R.T.: 0.010 min
Response: 4167011
Conc: 485.50 ng/ml



#34 AR-1260-4

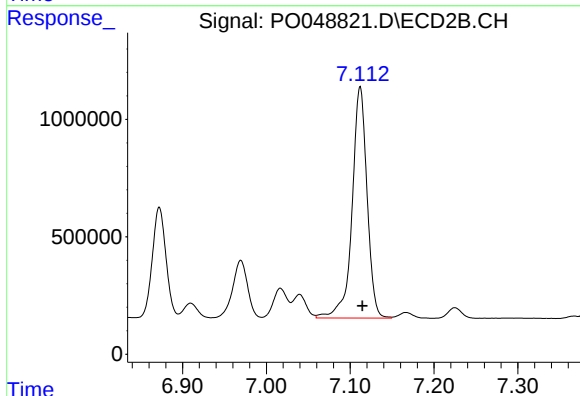
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 5308140
Conc: 561.05 ng/ml



#35 AR-1260-5

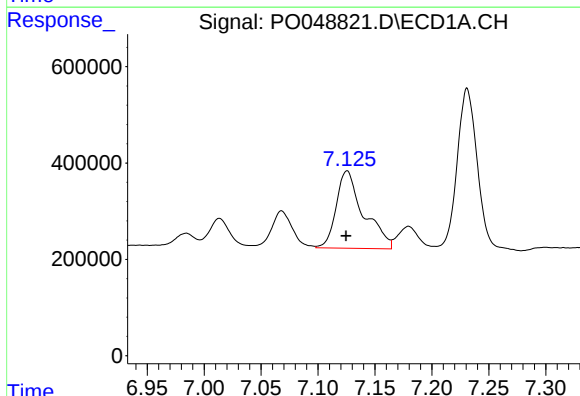
R.T.: 8.392 min
Delta R.T.: 0.011 min
Response: 8001078
Conc: 481.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



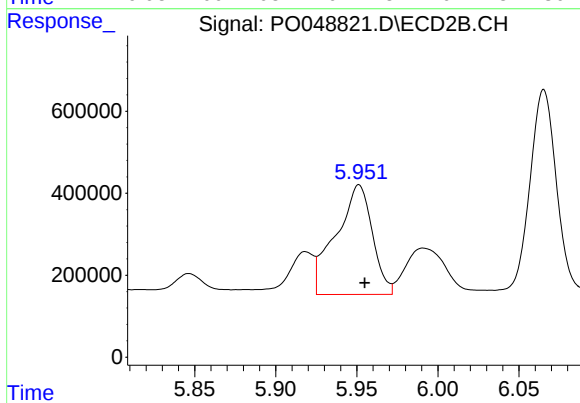
#35 AR-1260-5

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 12261850
Conc: 564.68 ng/ml



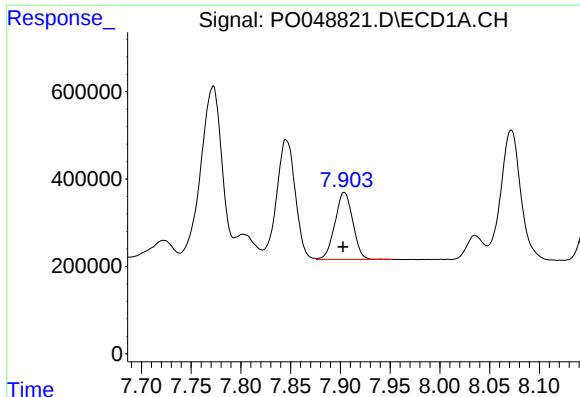
#36 AR-1262-1

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 2693223
Conc: 551.59 ng/ml



#36 AR-1262-1

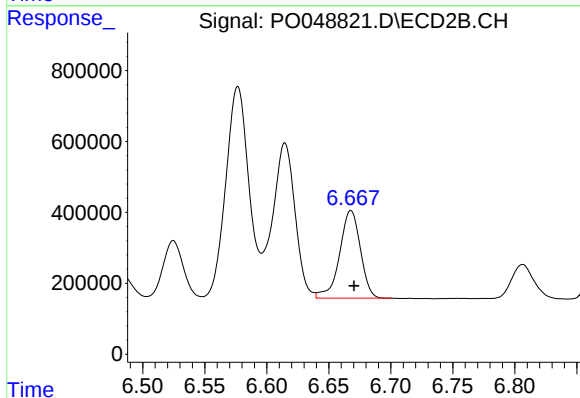
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 4181190
Conc: 759.59 ng/ml



#37 AR-1262-2

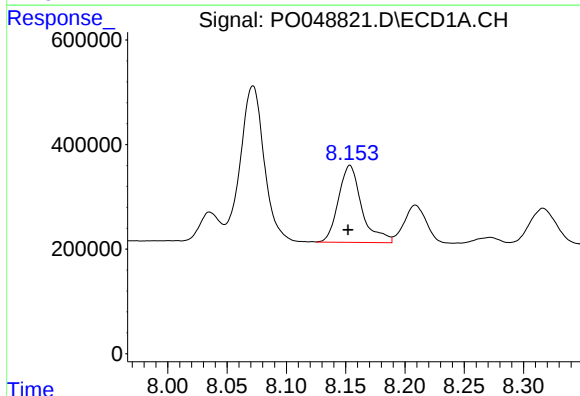
R.T.: 7.904 min
Delta R.T.: 0.001 min
Response: 1914983
Conc: 440.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



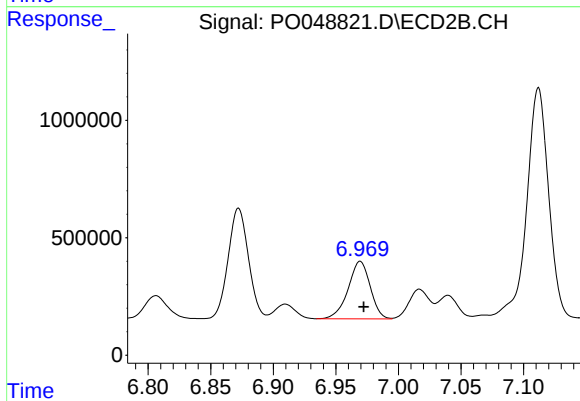
#37 AR-1262-2

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2890596
Conc: 533.79 ng/ml



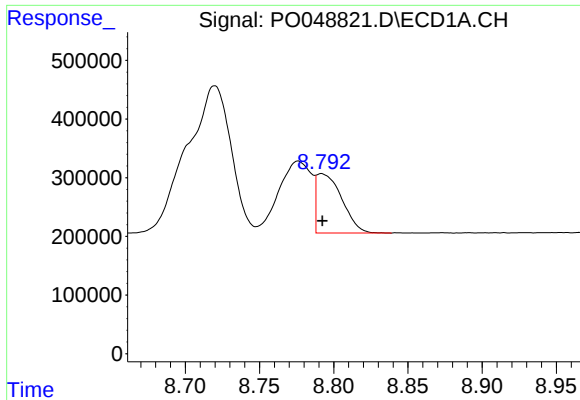
#38 AR-1262-3

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 2019810
Conc: 415.75 ng/ml



#38 AR-1262-3

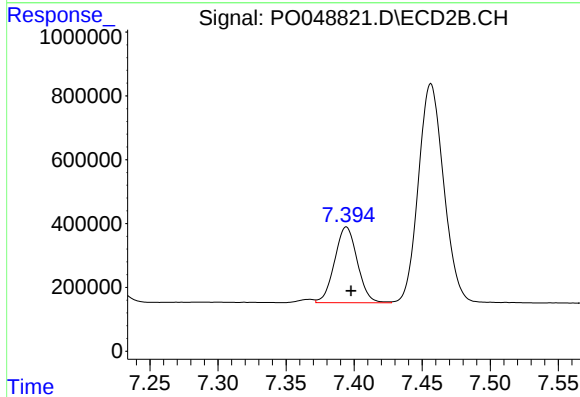
R.T.: 6.969 min
Delta R.T.: -0.003 min
Response: 3019913
Conc: 506.26 ng/ml



#39 AR-1262-4

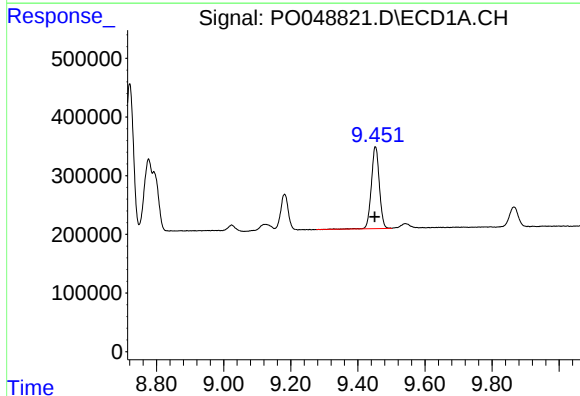
R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 1202003
Conc: 228.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



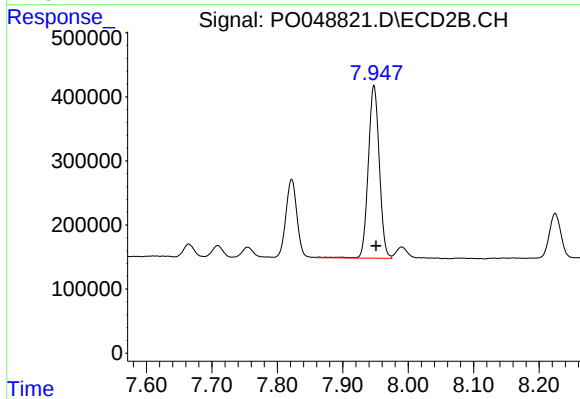
#39 AR-1262-4

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 2756957
Conc: 310.58 ng/ml



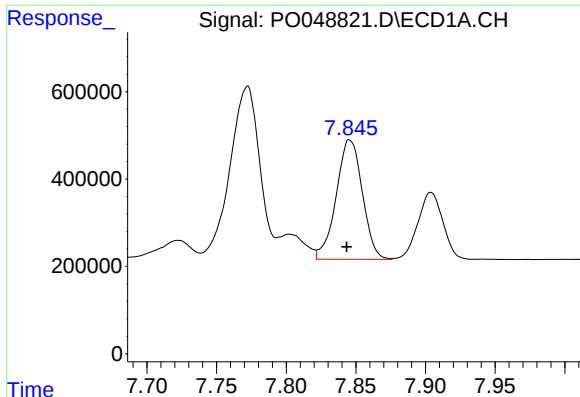
#40 AR-1262-5

R.T.: 9.452 min
Delta R.T.: 0.002 min
Response: 2301000
Conc: 342.63 ng/ml



#40 AR-1262-5

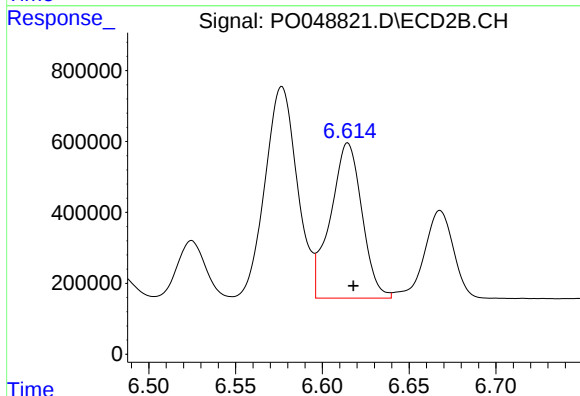
R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 3159321
Conc: 417.69 ng/ml



#41 AR-1268-1

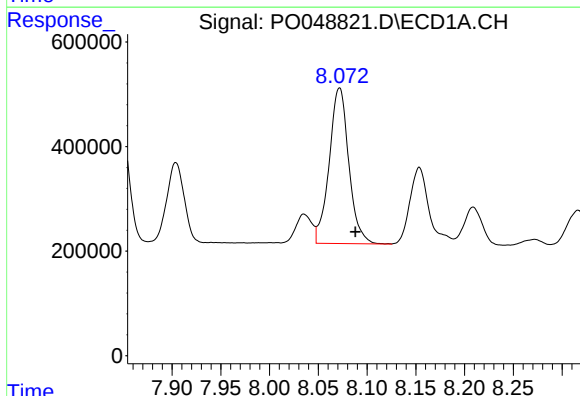
R.T.: 7.846 min
Delta R.T.: 0.002 min
Response: 3575160
Conc: 837.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



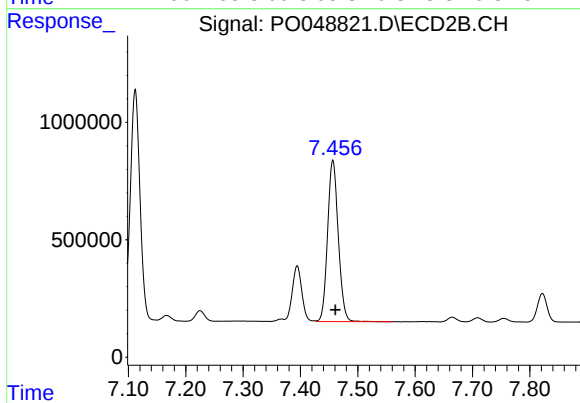
#41 AR-1268-1

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 5525436
Conc: 1012.49 ng/ml



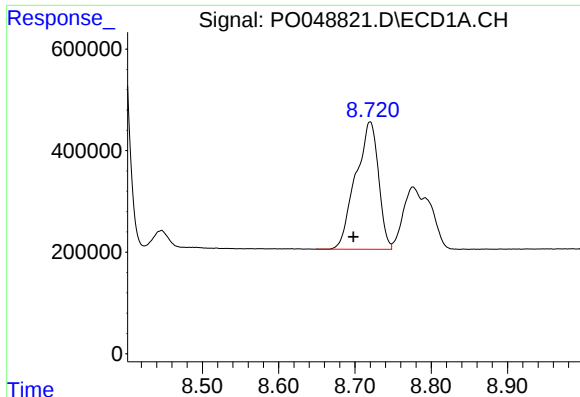
#42 AR-1268-2

R.T.: 8.072 min
Delta R.T.: -0.016 min
Response: 4167011
Conc: 763.87 ng/ml



#42 AR-1268-2

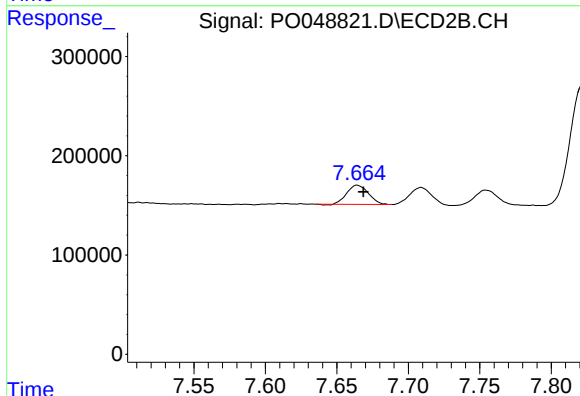
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 8934067
Conc: 375.78 ng/ml



#43 AR-1268-3

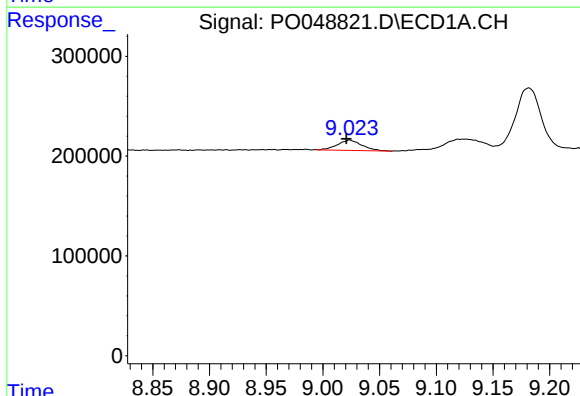
R.T.: 8.720 min
Delta R.T.: 0.022 min
Response: 5208553
Conc: 235.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



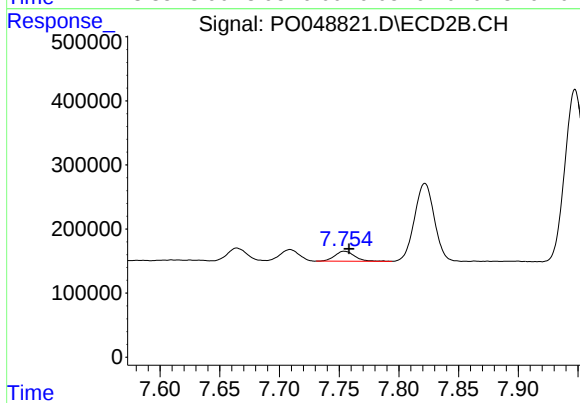
#43 AR-1268-3

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 199995
Conc: 10.22 ng/ml



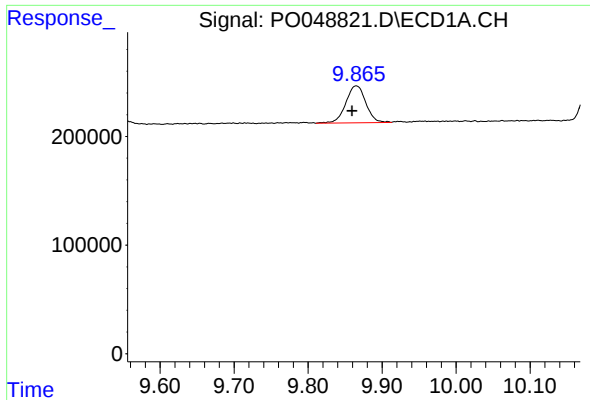
#44 AR-1268-4

R.T.: 9.024 min
Delta R.T.: 0.003 min
Response: 156369
Conc: 9.18 ng/ml



#44 AR-1268-4

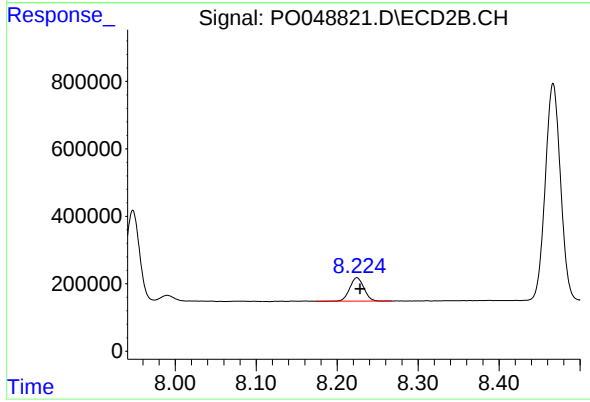
R.T.: 7.754 min
Delta R.T.: -0.004 min
Response: 183812
Conc: 32.72 ng/ml



#45 AR-1268-5

R.T.: 9.865 min
Delta R.T.: 0.006 min
Response: 635596
Conc: 12.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 842575
Conc: 15.45 ng/ml