

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091718\
 Data File : P0049070.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Sep 2018 23:49
 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 18 01:01:10 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...	4.398	3.526	12165800	14481398	74.259	79.380
2)	SA Decachlor...	10.117	8.463	10411567	9223764	46.733	49.706
Target Compounds							
3)	L1 AR-1016-1	5.107	4.189	2993137	3718087	660.302	732.341
4)	L1 AR-1016-2	5.302	4.595	3020539	5517961	636.602	712.713
5)	L1 AR-1016-3	5.570	4.614	4660472	7500607	644.701	726.102
6)	L1 AR-1016-4	5.654	4.669	3934490	5121411	625.786	688.857
7)	L1 AR-1016-5	6.047	5.039	3308434	4917334	622.401	708.808
8)	L2 AR-1221-1	4.602	3.736	367128	514390	205.305	253.310
9)	L2 AR-1221-2	4.695	3.821	547450	758199	399.866	490.522
10)	L2 AR-1221-3	4.772	3.896	2147589	2643947	474.858	554.700
11)	L3 AR-1232-1	5.498	4.377	584902	3888654	1615.457	1962.457
12)	L3 AR-1232-2	5.753	4.492	3371301	1280431	1755.851	1891.049
13)	L3 AR-1232-3	5.926	4.870	1136164	3859725	2106.605	2056.891
14)	L3 AR-1232-4	6.256	5.186	1210489	4322836	2514.634	2061.467
15)	L3 AR-1232-5	7.120	0.000	777248	0	2516.244	N.D. #
16)	L4 AR-1242-1	5.138	4.209	1672476	2082737	1000.618	1103.227
17)	L4 AR-1242-2	5.888	4.787	2910425	4221867	894.312	1015.088
18)	L4 AR-1242-3	6.089	4.901	1455841	1412386	927.830	965.051
19)	L4 AR-1242-4	6.133	5.256	1181112	1682870	982.598	1336.605 #
20)	L4 AR-1242-5	6.188	5.642	3854858	149942	887.583	44.298 #
21)	L5 AR-1248-1	5.842	4.829	2788213	3126595	501.240	466.168
22)	L5 AR-1248-2	6.424	5.386	3275124	4474664	538.251	351.994 #
23)	L5 AR-1248-3	6.452	5.427	1268231	1466532	158.007	163.369
24)	L5 AR-1248-4	6.490	5.599	1046451	357898	136.465	44.100 #
25)	L5 AR-1248-5	6.643	5.947	2329612	5935291	444.516	946.364 #
26)	L6 AR-1254-1	6.643	5.532	2329612	3169808	149.558	239.067 #
27)	L6 AR-1254-2	6.924	5.843	375302	1868971	36.987	160.137 #
28)	L6 AR-1254-3	7.011	6.159	1245403	710975	69.504	48.140 #
29)	L6 AR-1254-4	7.296	6.479	1087231	1009054	78.633	90.293
30)	L6 AR-1254-5	7.560	6.572	2846855	9528747	282.011	455.198 #
31)	L7 AR-1260-1	7.173	6.061	5515721	7955327	441.140	586.424 #
32)	L7 AR-1260-2	7.430	6.248	6482039	9041379	467.186	533.082
33)	L7 AR-1260-3	7.715	6.400	7561737	8281281	503.733	515.336
34)	L7 AR-1260-4	8.015	6.869	5299591	6061929	529.625	455.621
35)	L7 AR-1260-5	8.333	7.108	10635510	13614230	522.836	442.848
36)	L8 AR-1262-1	7.067	5.947	3595118	5935291	546.530	792.217 #
37)	L8 AR-1262-2	7.847	6.664	2417118	3566124	470.519	473.036
38)	L8 AR-1262-3	8.096	6.965	2571005	3350338	505.586	407.729
39)	L8 AR-1262-4	8.730	7.390	1626416	3149480	150.490	254.846 #
40)	L8 AR-1262-5	9.380	7.944	2928725	3234568	358.276	318.345
41)	L9 AR-1268-1	7.789	6.611	4663686	6912575	911.975	911.148

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

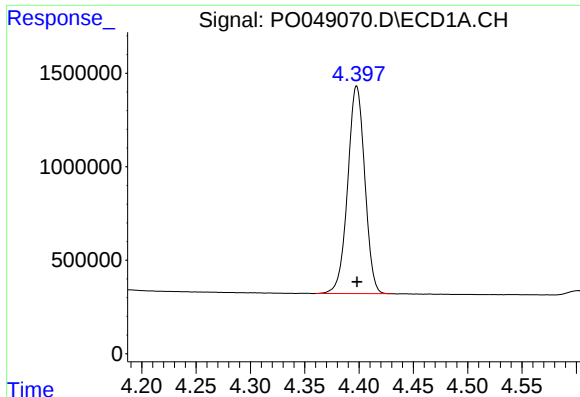
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:01:10 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	8.015	7.453	5299591	9614004	866.176	289.088 #
43) L9	AR-1268-3	8.656	7.660	6817445	183000	260.070	6.704 #
44) L9	AR-1268-4	8.956	7.751	138738	118218	6.433	15.261 #
45) L9	AR-1268-5	9.784	8.221	828030	867026	11.199	12.227

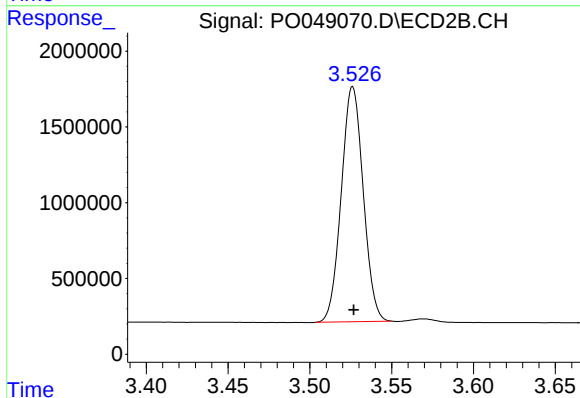
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

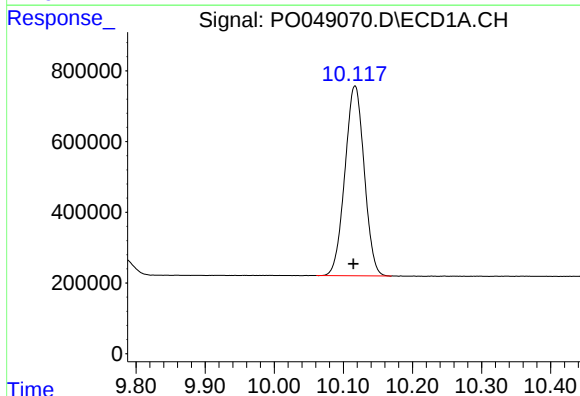
R.T.: 4.398 min
Delta R.T.: 0.000 min
Response: 12165800
Conc: 74.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



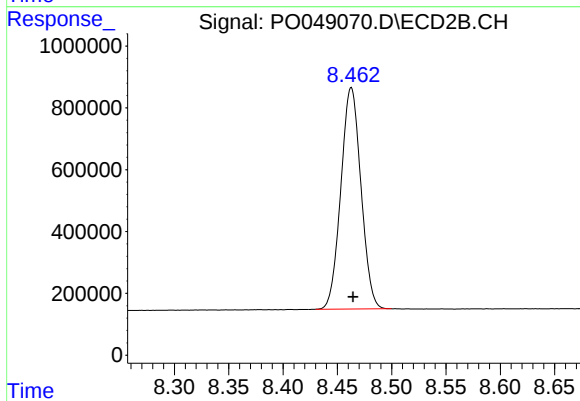
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 14481398
Conc: 79.38 ng/ml



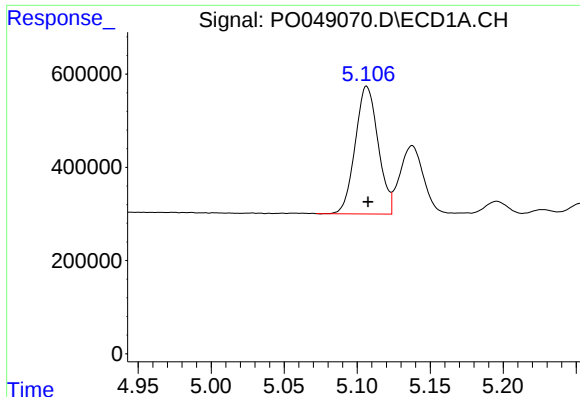
#2 Decachlorobiphenyl

R.T.: 10.117 min
Delta R.T.: 0.002 min
Response: 10411567
Conc: 46.73 ng/ml



#2 Decachlorobiphenyl

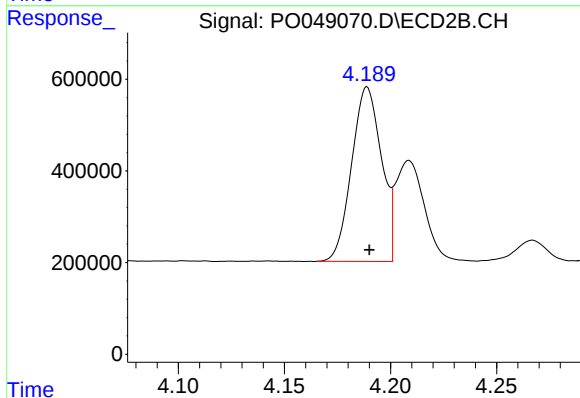
R.T.: 8.463 min
Delta R.T.: -0.002 min
Response: 9223764
Conc: 49.71 ng/ml



#3 AR-1016-1

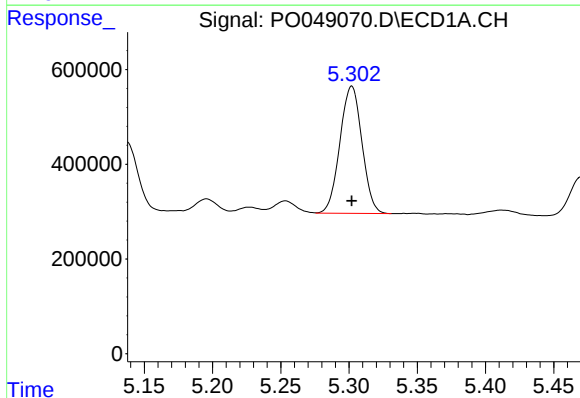
R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 2993137
Conc: 660.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



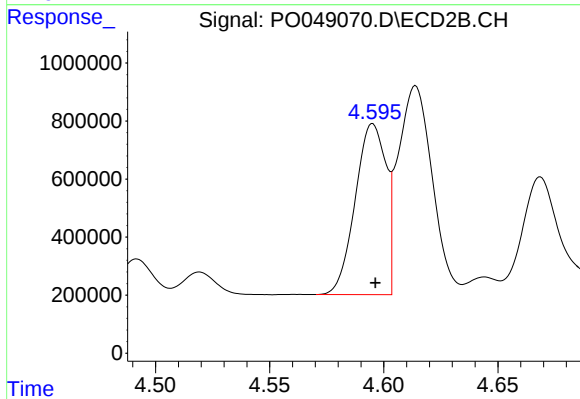
#3 AR-1016-1

R.T.: 4.189 min
Delta R.T.: -0.001 min
Response: 3718087
Conc: 732.34 ng/ml



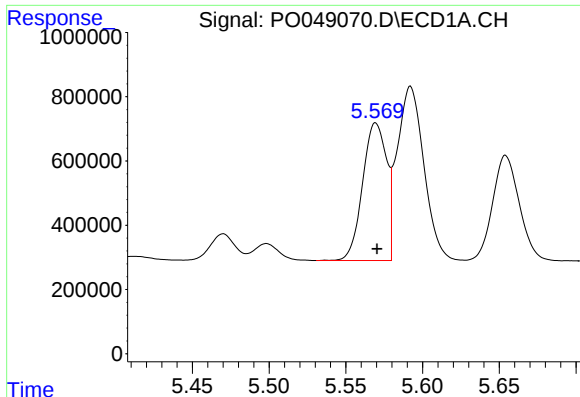
#4 AR-1016-2

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 3020539
Conc: 636.60 ng/ml



#4 AR-1016-2

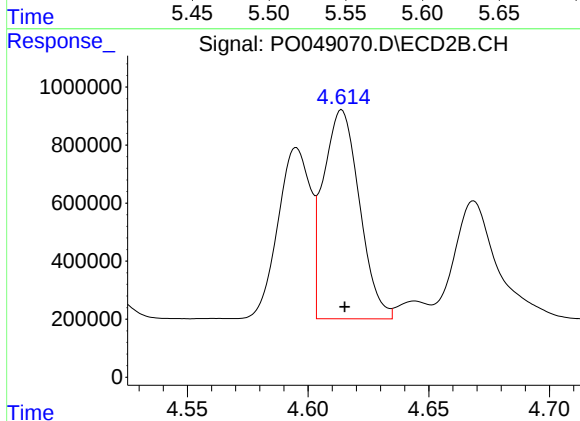
R.T.: 4.595 min
Delta R.T.: -0.001 min
Response: 5517961
Conc: 712.71 ng/ml



#5 AR-1016-3

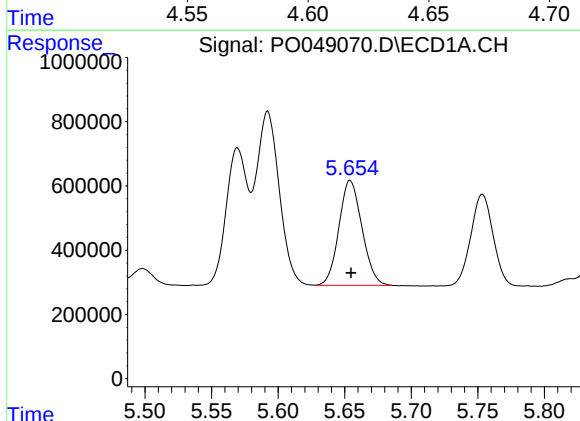
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 4660472
Conc: 644.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



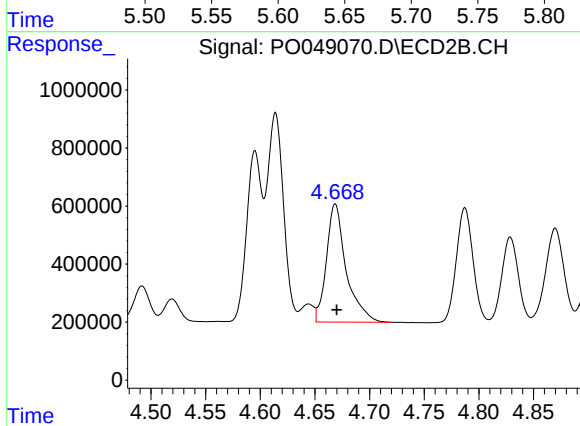
#5 AR-1016-3

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 7500607
Conc: 726.10 ng/ml



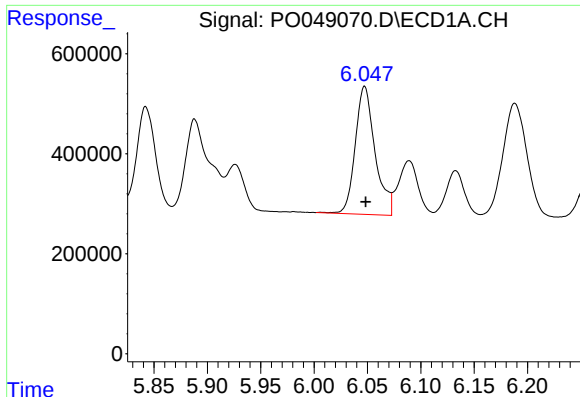
#6 AR-1016-4

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 3934490
Conc: 625.79 ng/ml



#6 AR-1016-4

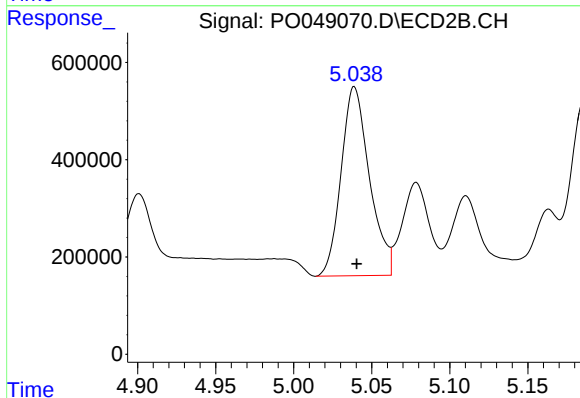
R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 5121411
Conc: 688.86 ng/ml



#7 AR-1016-5

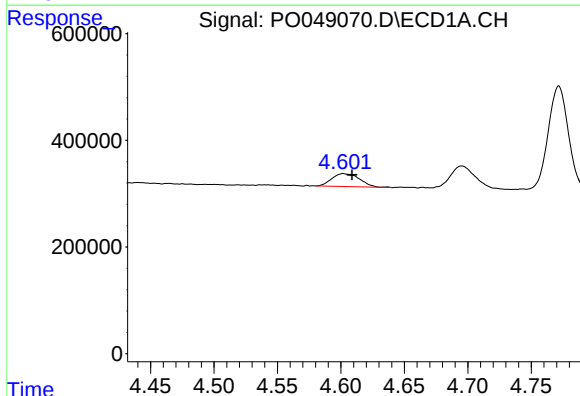
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 3308434
Conc: 622.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



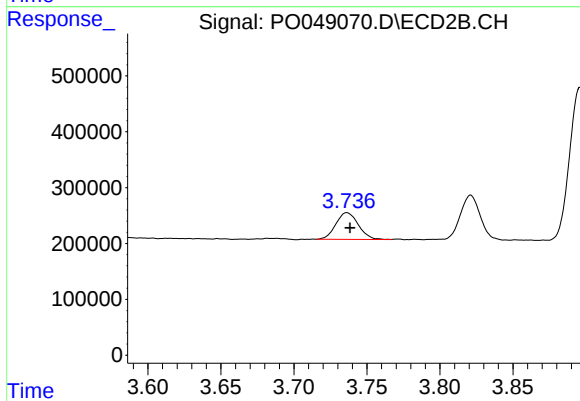
#7 AR-1016-5

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 4917334
Conc: 708.81 ng/ml



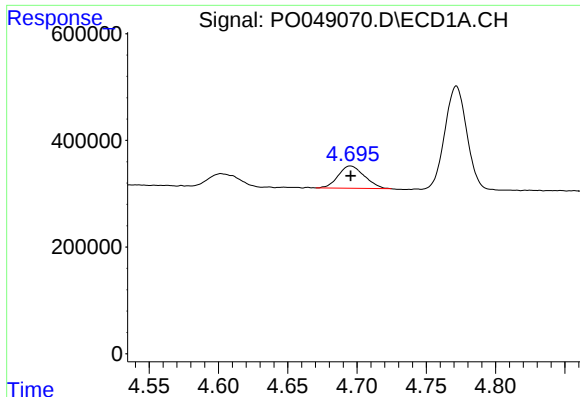
#8 AR-1221-1

R.T.: 4.602 min
Delta R.T.: -0.007 min
Response: 367128
Conc: 205.30 ng/ml



#8 AR-1221-1

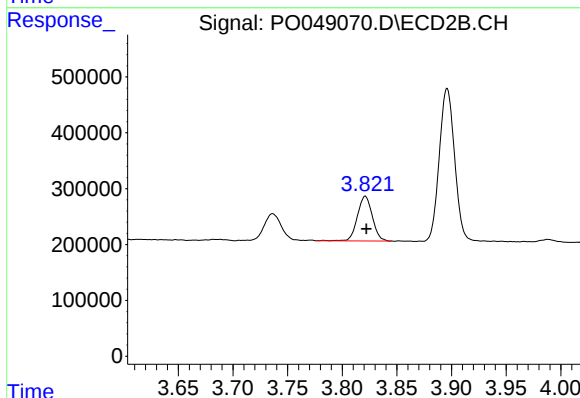
R.T.: 3.736 min
Delta R.T.: -0.002 min
Response: 514390
Conc: 253.31 ng/ml



#9 AR-1221-2

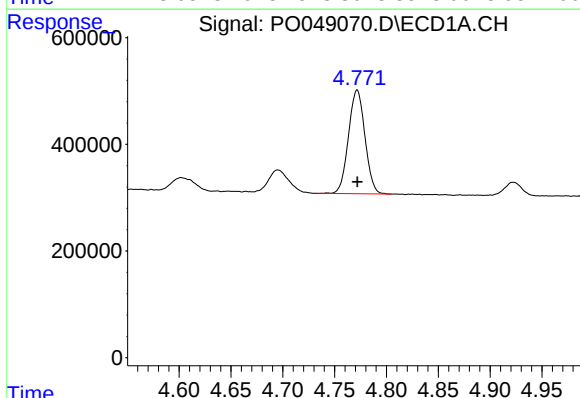
R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 547450
Conc: 399.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



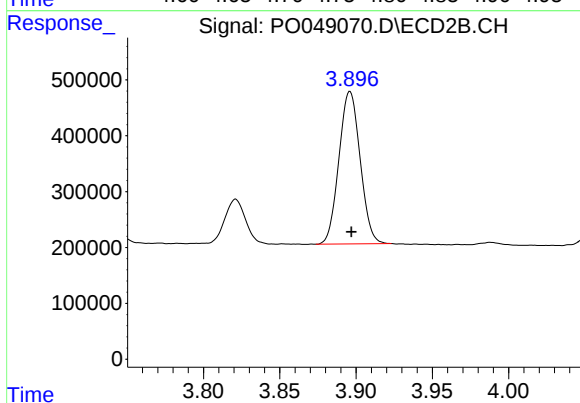
#9 AR-1221-2

R.T.: 3.821 min
Delta R.T.: -0.001 min
Response: 758199
Conc: 490.52 ng/ml



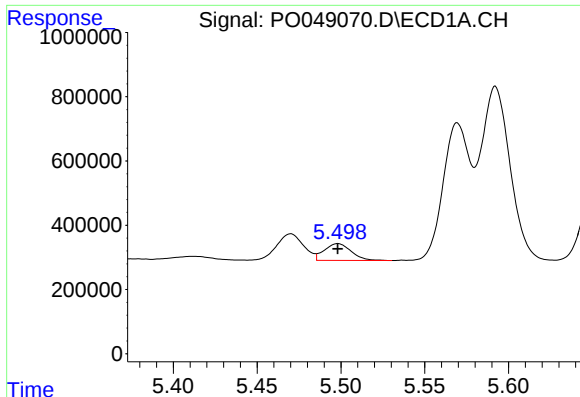
#10 AR-1221-3

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 2147589
Conc: 474.86 ng/ml



#10 AR-1221-3

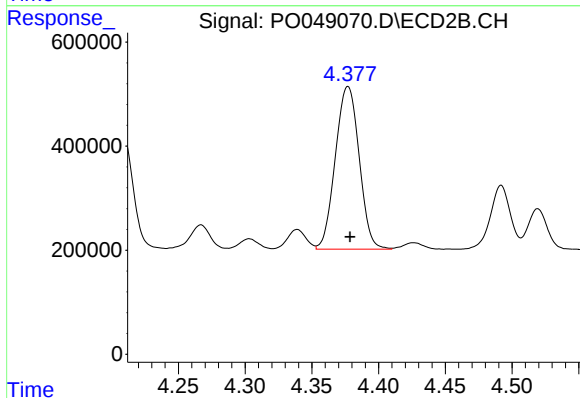
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 2643947
Conc: 554.70 ng/ml



#11 AR-1232-1

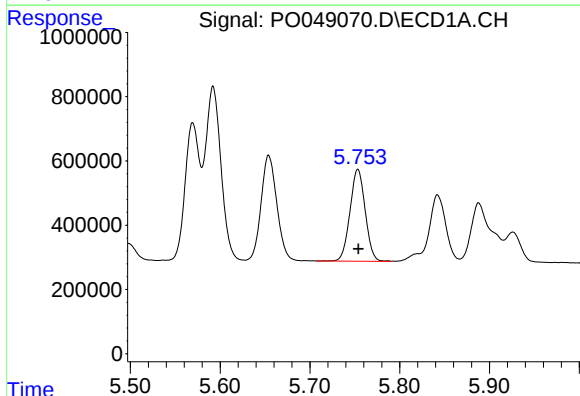
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 584902
Conc: 1615.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



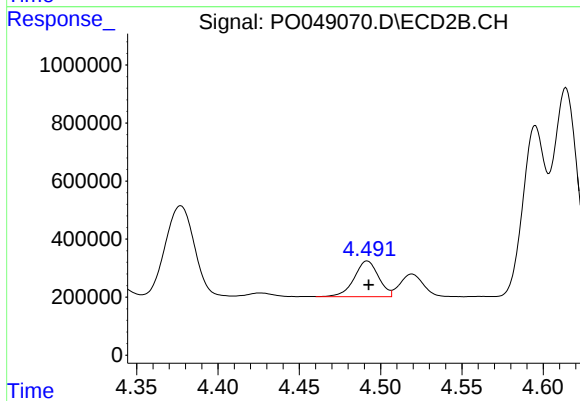
#11 AR-1232-1

R.T.: 4.377 min
Delta R.T.: -0.001 min
Response: 3888654
Conc: 1962.46 ng/ml



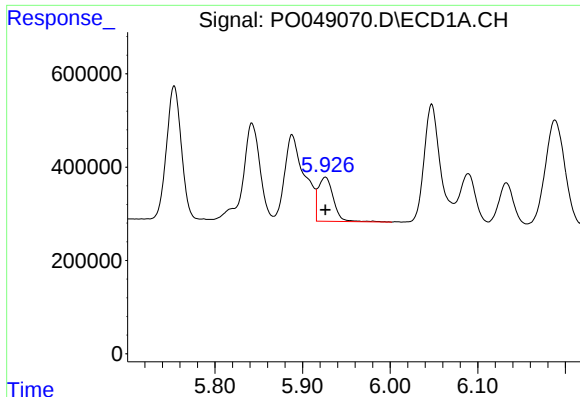
#12 AR-1232-2

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 3371301
Conc: 1755.85 ng/ml



#12 AR-1232-2

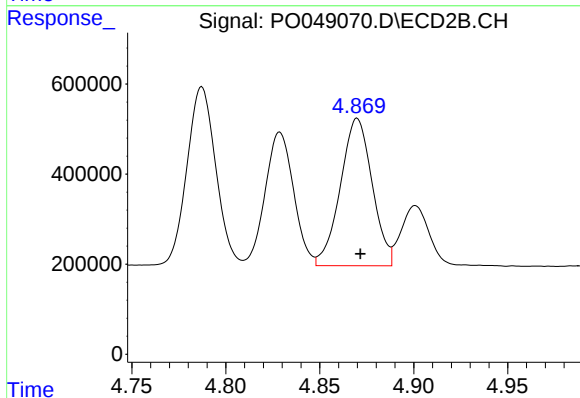
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 1280431
Conc: 1891.05 ng/ml



#13 AR-1232-3

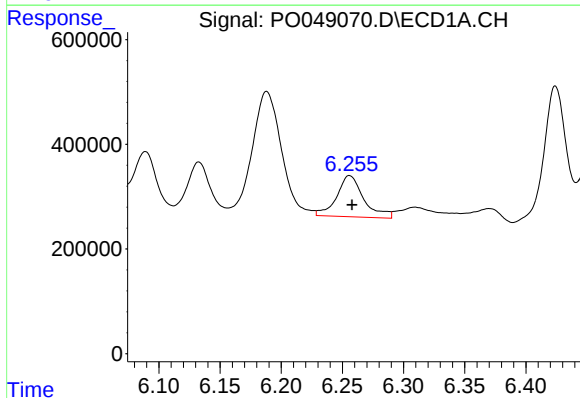
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 1136164
Conc: 2106.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



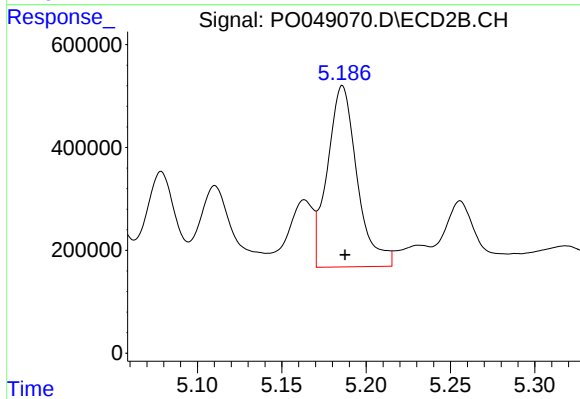
#13 AR-1232-3

R.T.: 4.870 min
Delta R.T.: -0.002 min
Response: 3859725
Conc: 2056.89 ng/ml



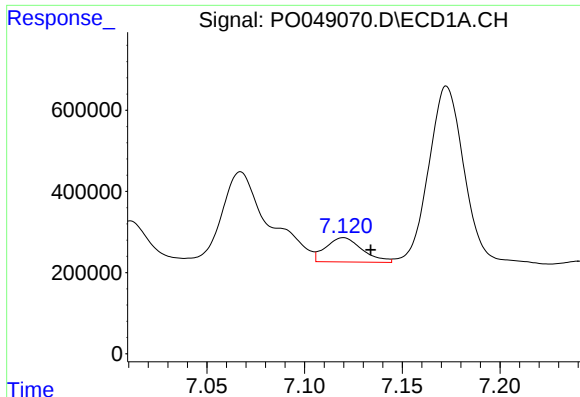
#14 AR-1232-4

R.T.: 6.256 min
Delta R.T.: -0.002 min
Response: 1210489
Conc: 2514.63 ng/ml



#14 AR-1232-4

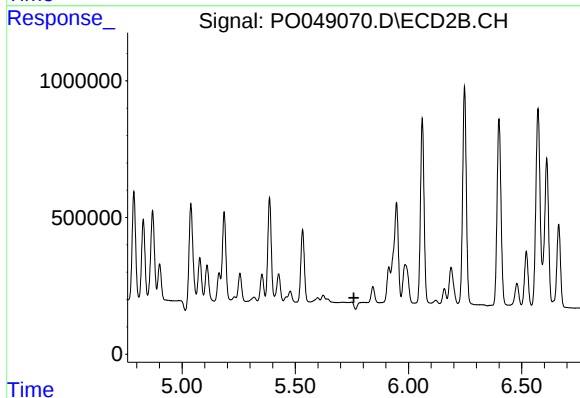
R.T.: 5.186 min
Delta R.T.: -0.002 min
Response: 4322836
Conc: 2061.47 ng/ml



#15 AR-1232-5

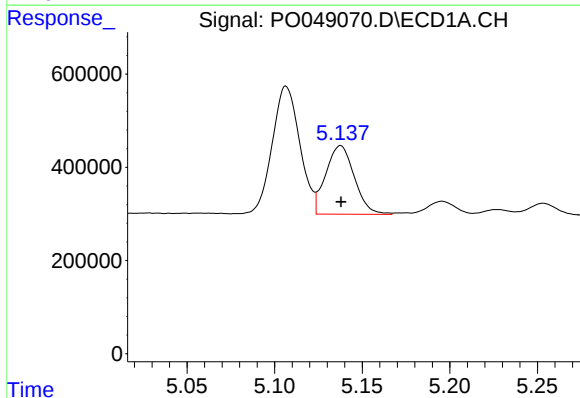
R.T.: 7.120 min
Delta R.T.: -0.014 min
Response: 777248
Conc: 2516.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



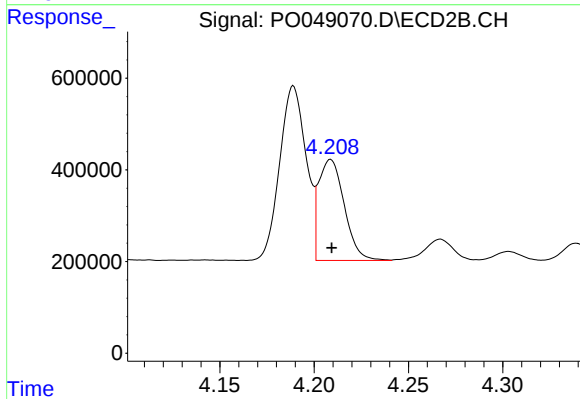
#15 AR-1232-5

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



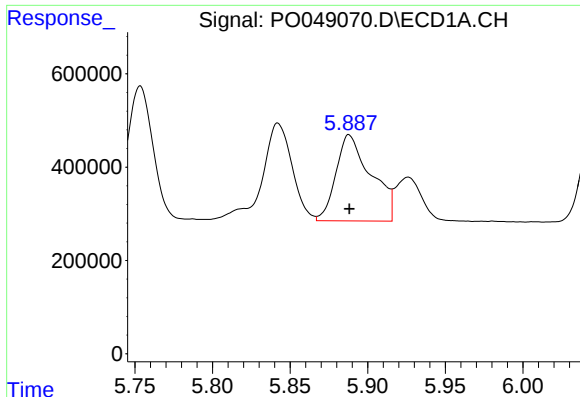
#16 AR-1242-1

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 1672476
Conc: 1000.62 ng/ml



#16 AR-1242-1

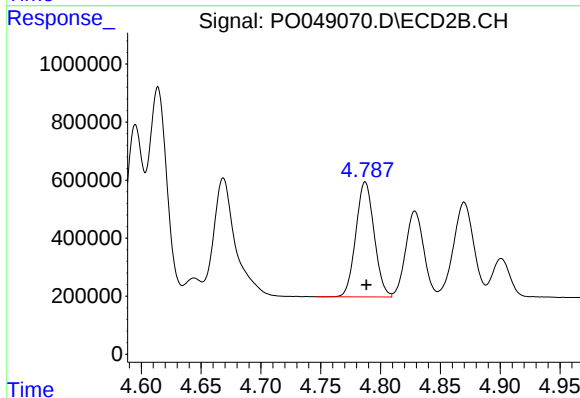
R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 2082737
Conc: 1103.23 ng/ml



#17 AR-1242-2

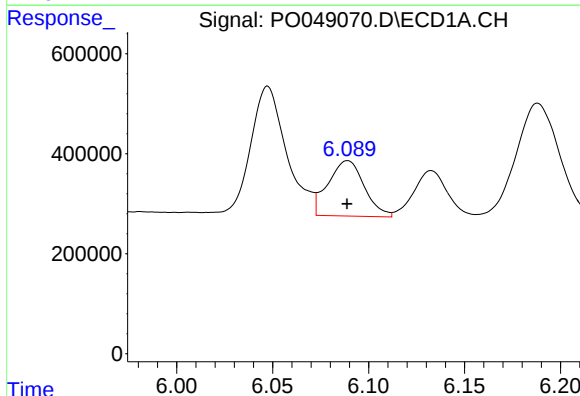
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 2910425
Conc: 894.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



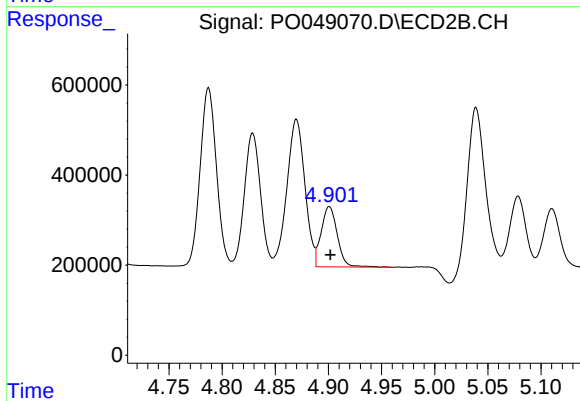
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 4221867
Conc: 1015.09 ng/ml



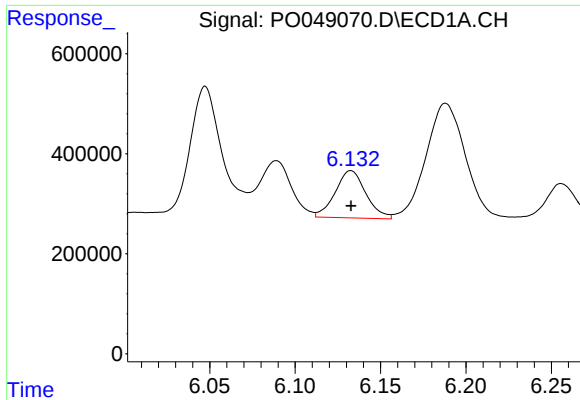
#18 AR-1242-3

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 1455841
Conc: 927.83 ng/ml



#18 AR-1242-3

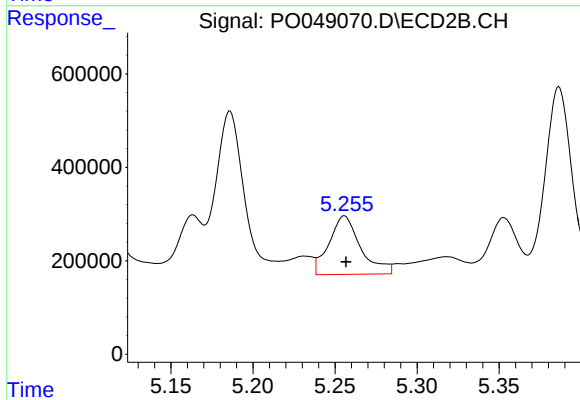
R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 1412386
Conc: 965.05 ng/ml



#19 AR-1242-4

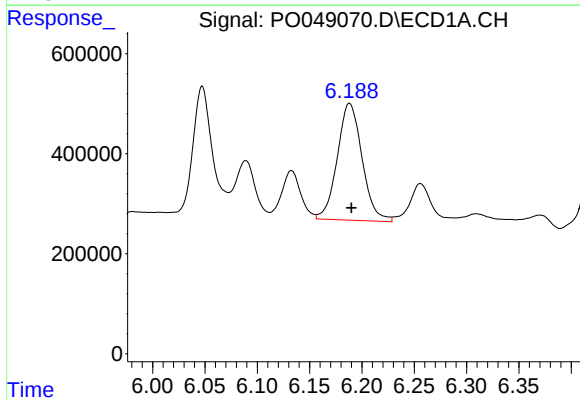
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 1181112
Conc: 982.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



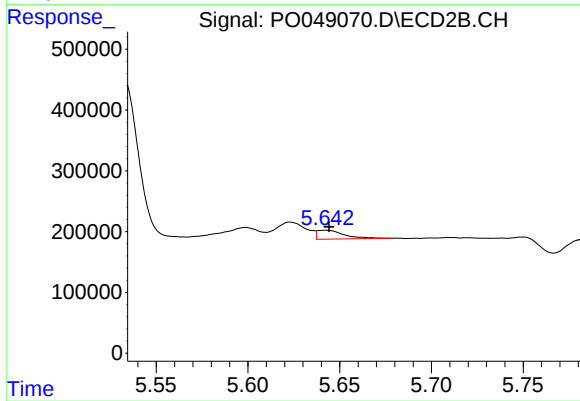
#19 AR-1242-4

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 1682870
Conc: 1336.61 ng/ml



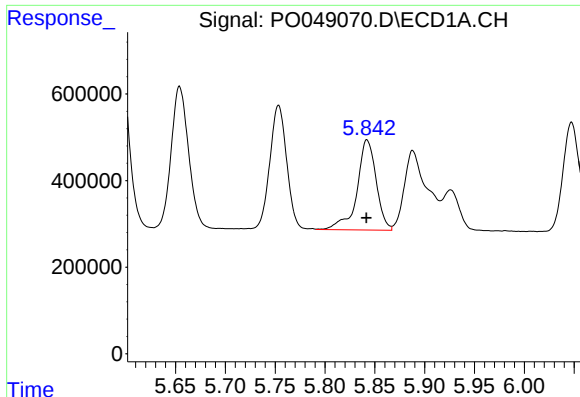
#20 AR-1242-5

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 3854858
Conc: 887.58 ng/ml



#20 AR-1242-5

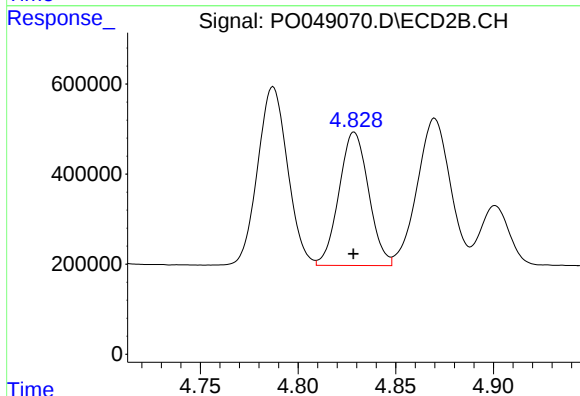
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 149942
Conc: 44.30 ng/ml



#21 AR-1248-1

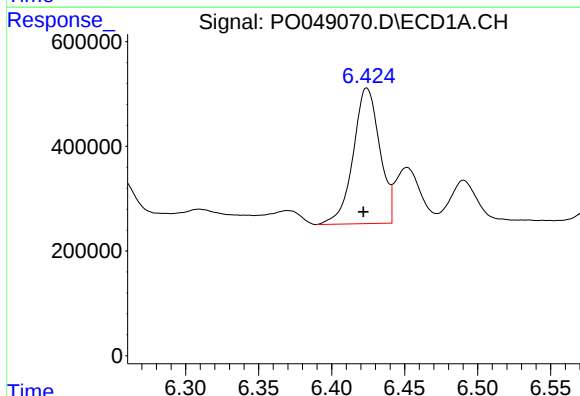
R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 2788213
Conc: 501.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



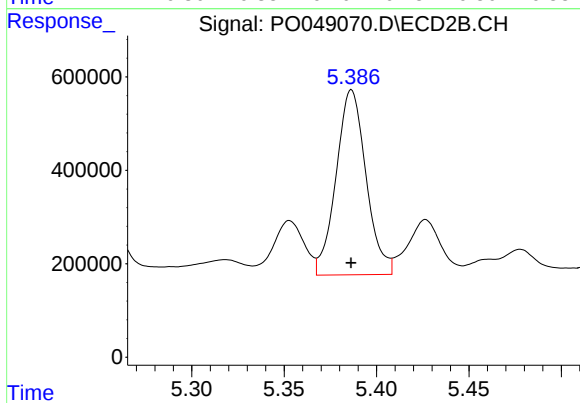
#21 AR-1248-1

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 3126595
Conc: 466.17 ng/ml



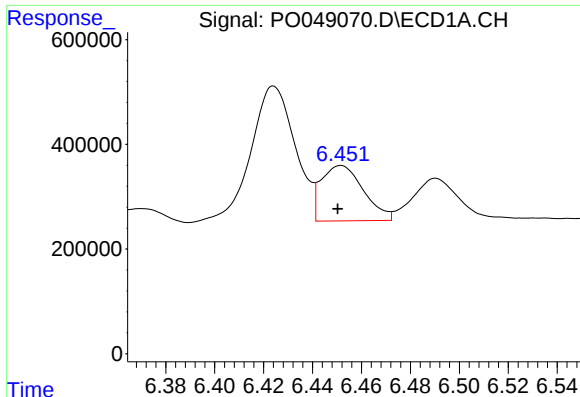
#22 AR-1248-2

R.T.: 6.424 min
Delta R.T.: 0.002 min
Response: 3275124
Conc: 538.25 ng/ml



#22 AR-1248-2

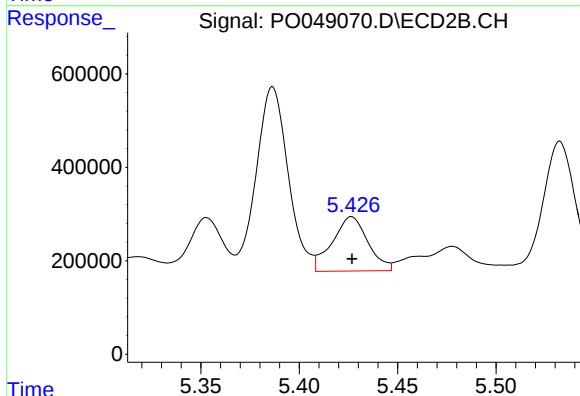
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 4474664
Conc: 351.99 ng/ml



#23 AR-1248-3

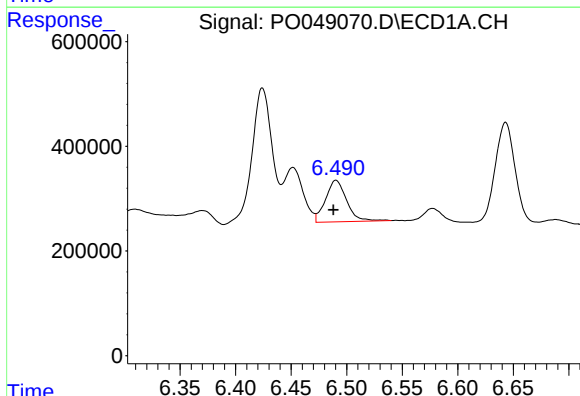
R.T.: 6.452 min
Delta R.T.: 0.001 min
Response: 1268231
Conc: 158.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



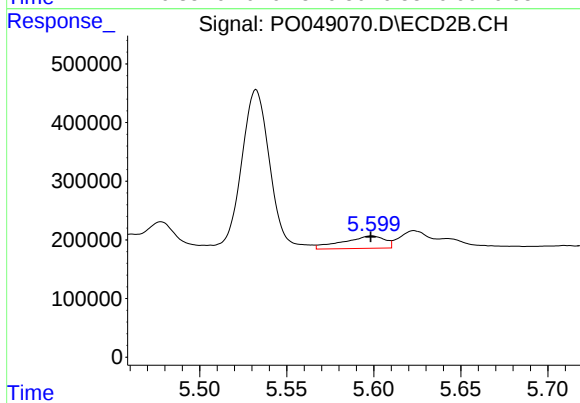
#23 AR-1248-3

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 1466532
Conc: 163.37 ng/ml



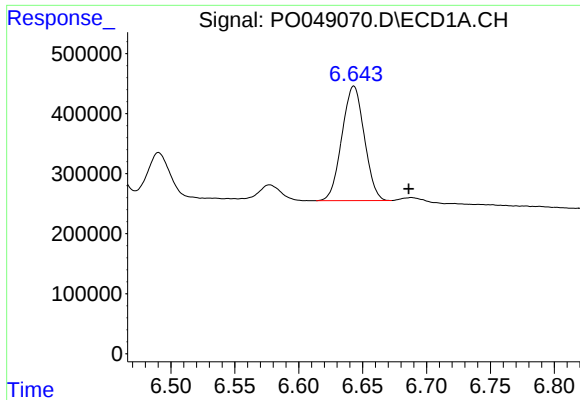
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.002 min
Response: 1046451
Conc: 136.47 ng/ml



#24 AR-1248-4

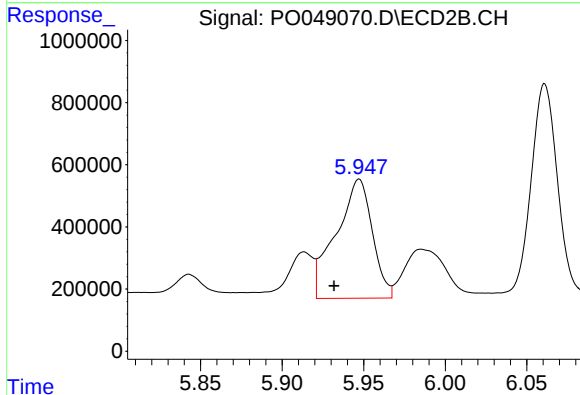
R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 357898
Conc: 44.10 ng/ml



#25 AR-1248-5

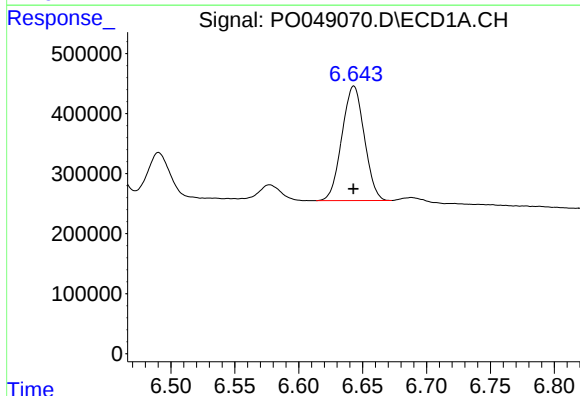
R.T.: 6.643 min
Delta R.T.: -0.043 min
Response: 2329612
Conc: 444.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



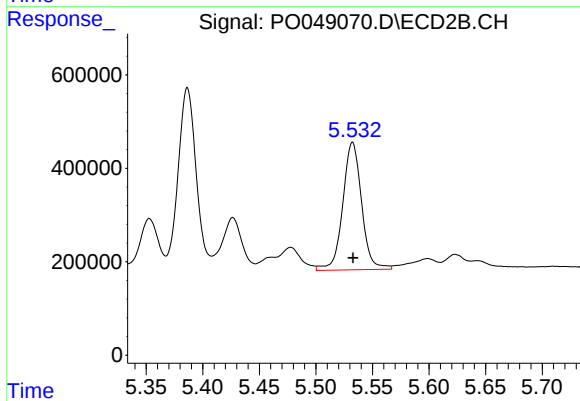
#25 AR-1248-5

R.T.: 5.947 min
Delta R.T.: 0.015 min
Response: 5935291
Conc: 946.36 ng/ml



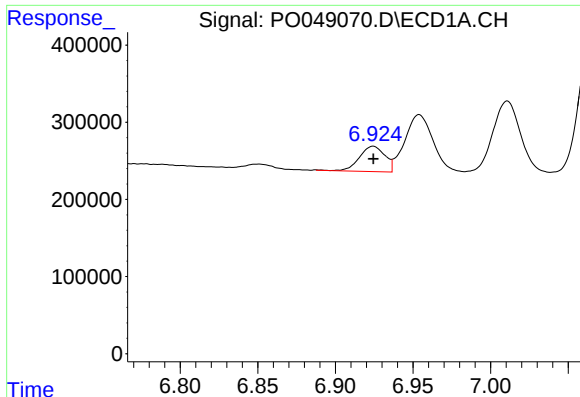
#26 AR-1254-1

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 2329612
Conc: 149.56 ng/ml



#26 AR-1254-1

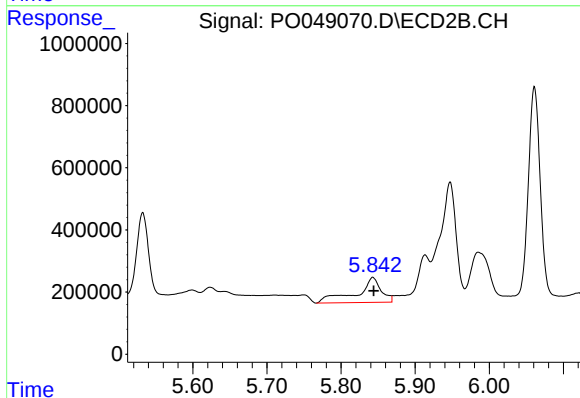
R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 3169808
Conc: 239.07 ng/ml



#27 AR-1254-2

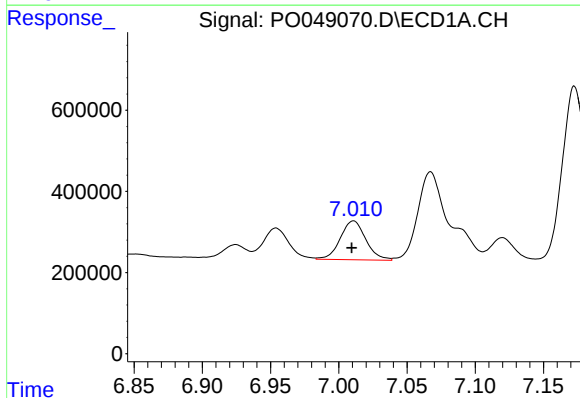
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 375302
Conc: 36.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



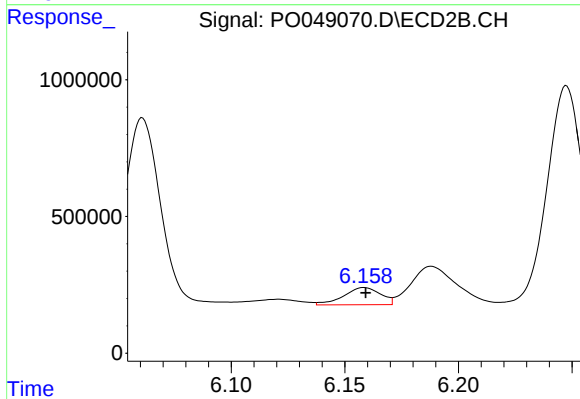
#27 AR-1254-2

R.T.: 5.843 min
Delta R.T.: -0.001 min
Response: 1868971
Conc: 160.14 ng/ml



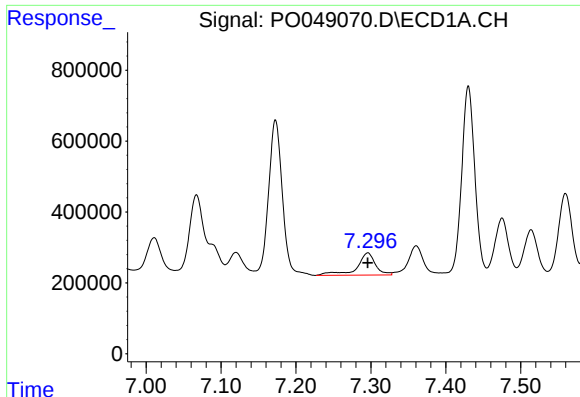
#28 AR-1254-3

R.T.: 7.011 min
Delta R.T.: 0.001 min
Response: 1245403
Conc: 69.50 ng/ml



#28 AR-1254-3

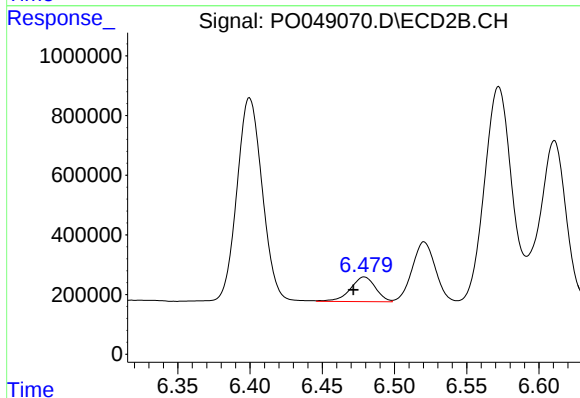
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 710975
Conc: 48.14 ng/ml



#29 AR-1254-4

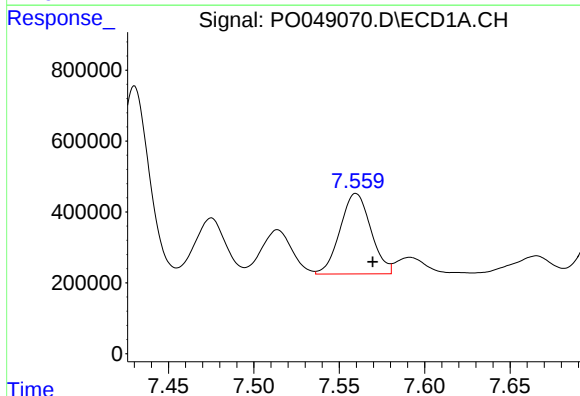
R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 1087231
Conc: 78.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



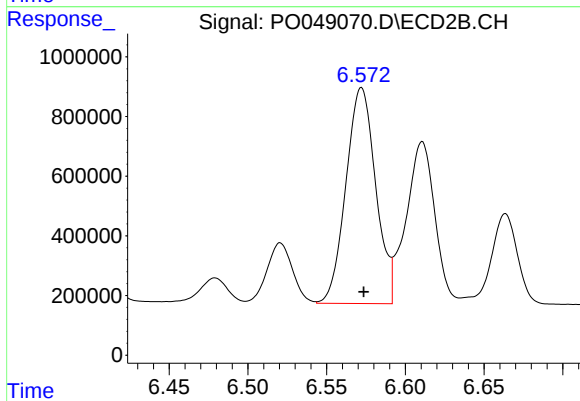
#29 AR-1254-4

R.T.: 6.479 min
Delta R.T.: 0.008 min
Response: 1009054
Conc: 90.29 ng/ml



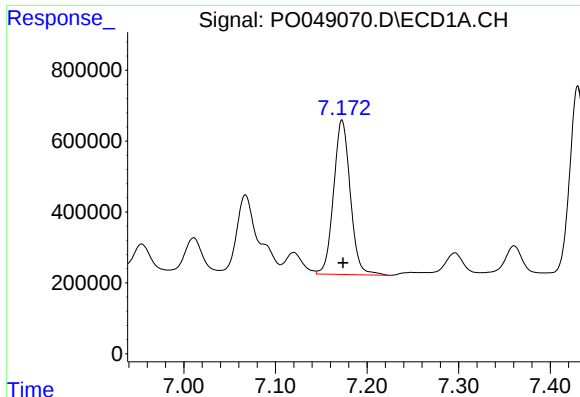
#30 AR-1254-5

R.T.: 7.560 min
Delta R.T.: -0.010 min
Response: 2846855
Conc: 282.01 ng/ml



#30 AR-1254-5

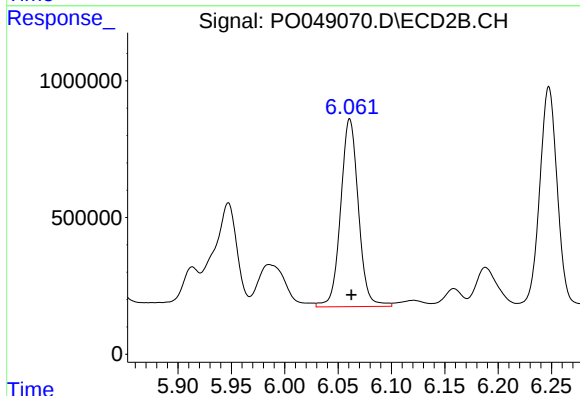
R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 9528747
Conc: 455.20 ng/ml



#31 AR-1260-1

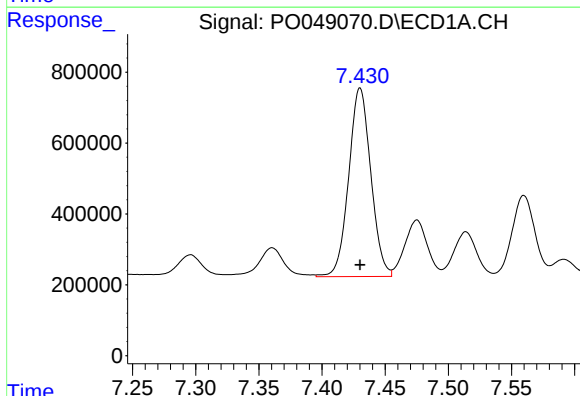
R.T.: 7.173 min
Delta R.T.: -0.001 min
Response: 5515721
Conc: 441.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



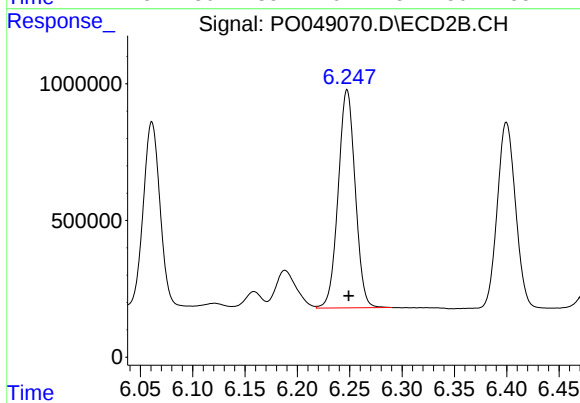
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 7955327
Conc: 586.42 ng/ml



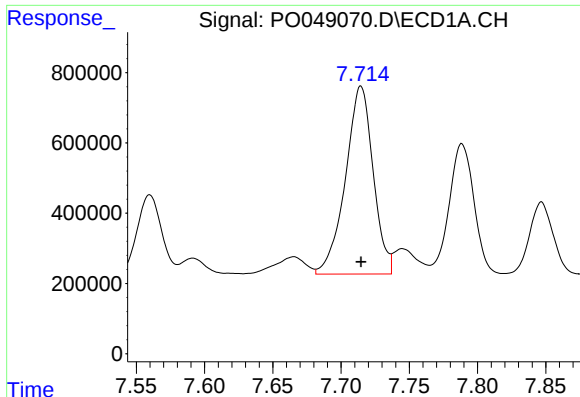
#32 AR-1260-2

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 6482039
Conc: 467.19 ng/ml



#32 AR-1260-2

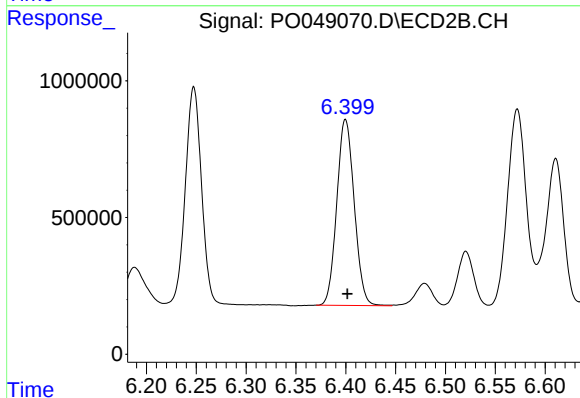
R.T.: 6.248 min
Delta R.T.: -0.001 min
Response: 9041379
Conc: 533.08 ng/ml



#33 AR-1260-3

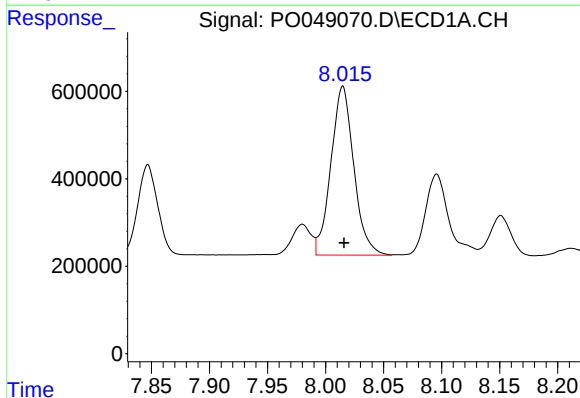
R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 7561737
Conc: 503.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



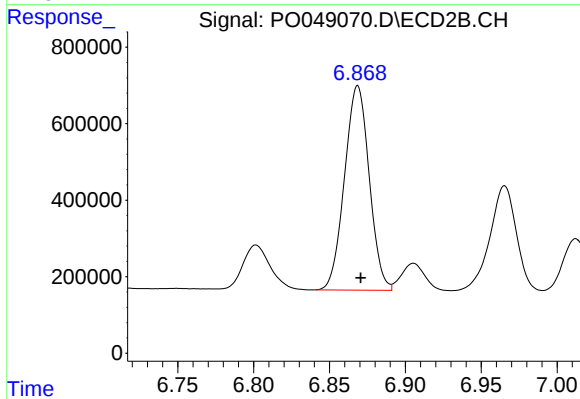
#33 AR-1260-3

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 8281281
Conc: 515.34 ng/ml



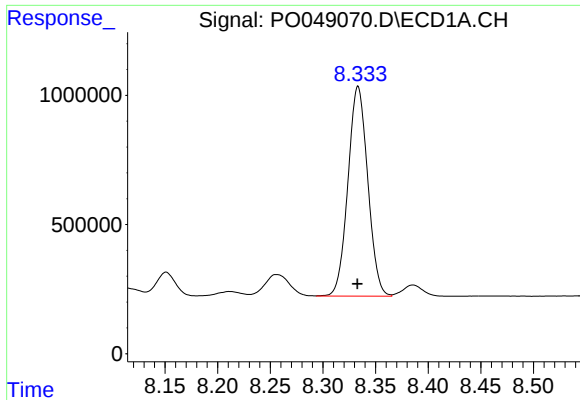
#34 AR-1260-4

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 5299591
Conc: 529.63 ng/ml



#34 AR-1260-4

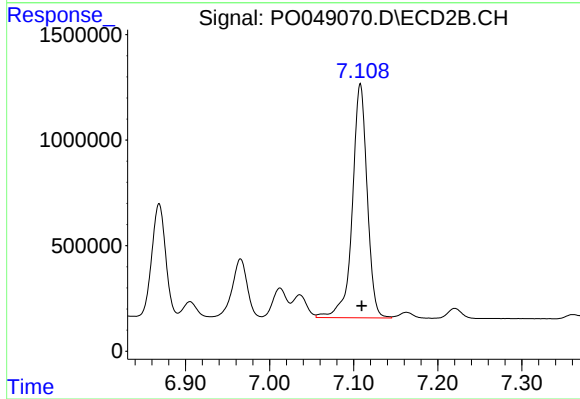
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 6061929
Conc: 455.62 ng/ml



#35 AR-1260-5

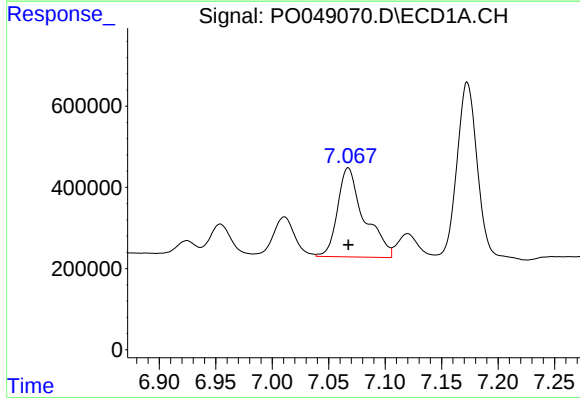
R.T.: 8.333 min
Delta R.T.: 0.000 min
Response: 10635510
Conc: 522.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



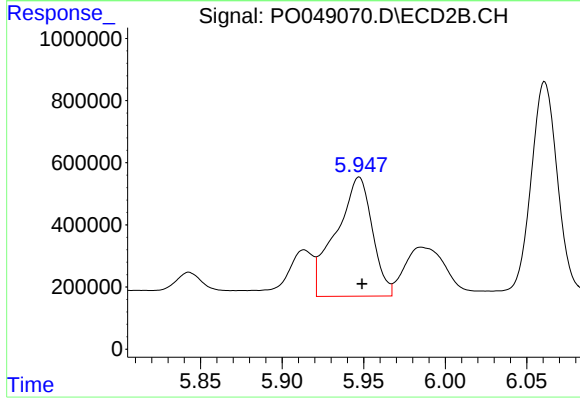
#35 AR-1260-5

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 13614230
Conc: 442.85 ng/ml



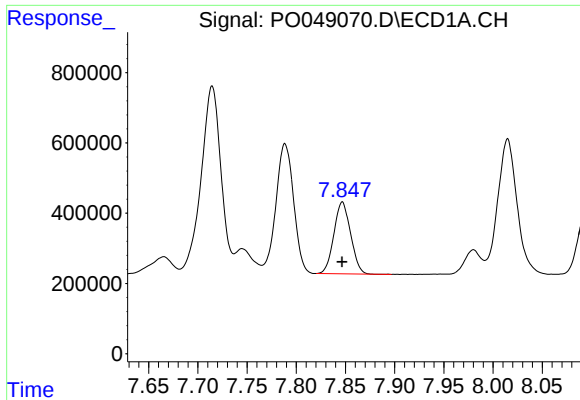
#36 AR-1262-1

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 3595118
Conc: 546.53 ng/ml



#36 AR-1262-1

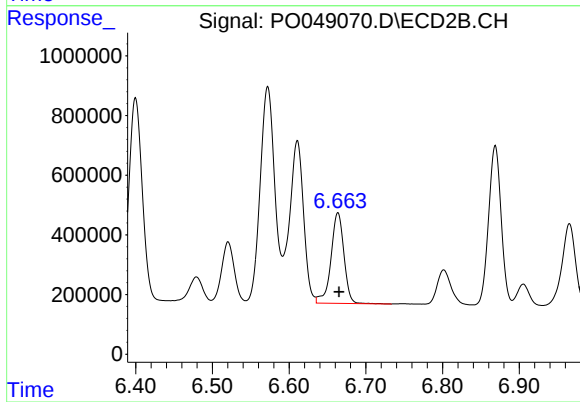
R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 5935291
Conc: 792.22 ng/ml



#37 AR-1262-2

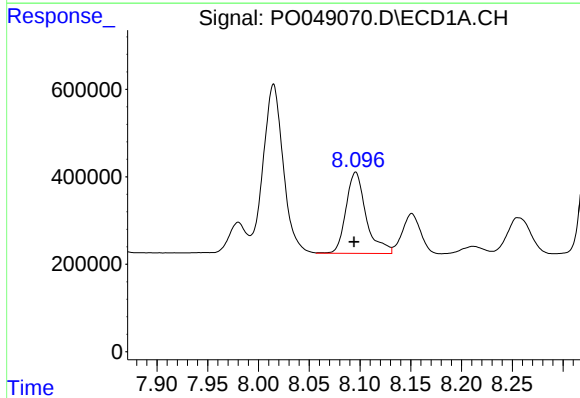
R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 2417118
Conc: 470.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



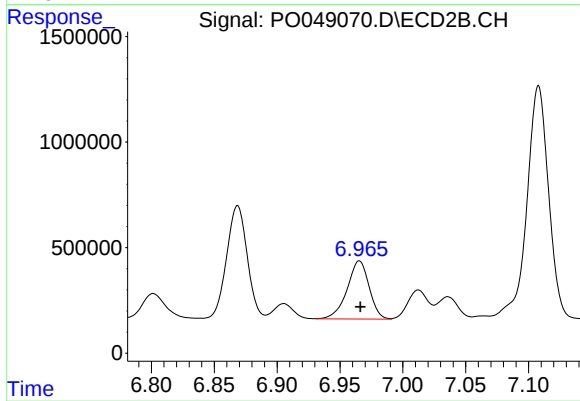
#37 AR-1262-2

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 3566124
Conc: 473.04 ng/ml



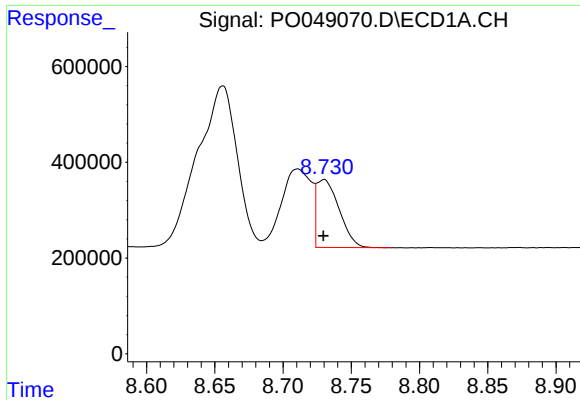
#38 AR-1262-3

R.T.: 8.096 min
Delta R.T.: 0.001 min
Response: 2571005
Conc: 505.59 ng/ml



#38 AR-1262-3

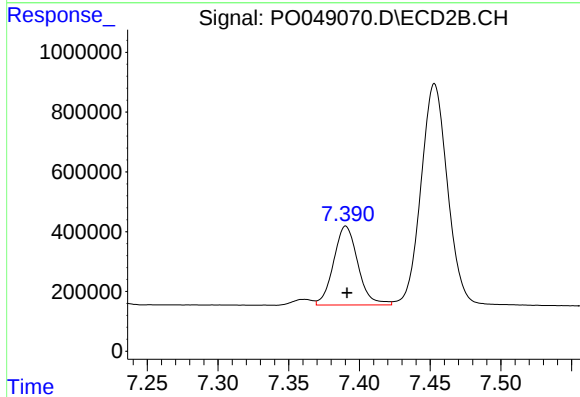
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 3350338
Conc: 407.73 ng/ml



#39 AR-1262-4

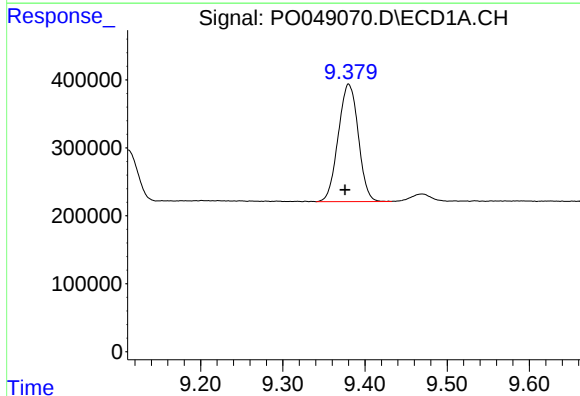
R.T.: 8.730 min
Delta R.T.: 0.000 min
Response: 1626416
Conc: 150.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



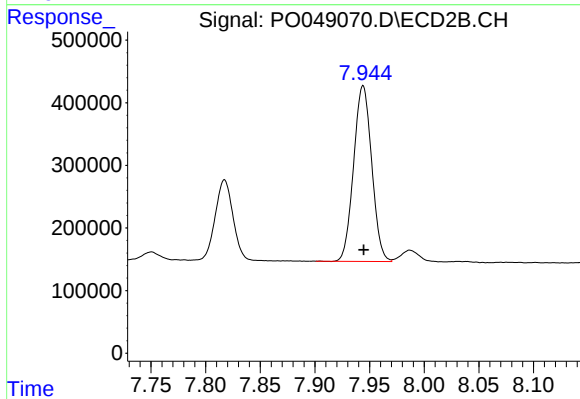
#39 AR-1262-4

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 3149480
Conc: 254.85 ng/ml



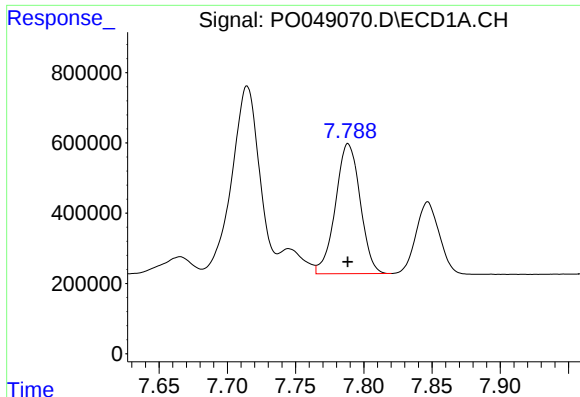
#40 AR-1262-5

R.T.: 9.380 min
Delta R.T.: 0.004 min
Response: 2928725
Conc: 358.28 ng/ml



#40 AR-1262-5

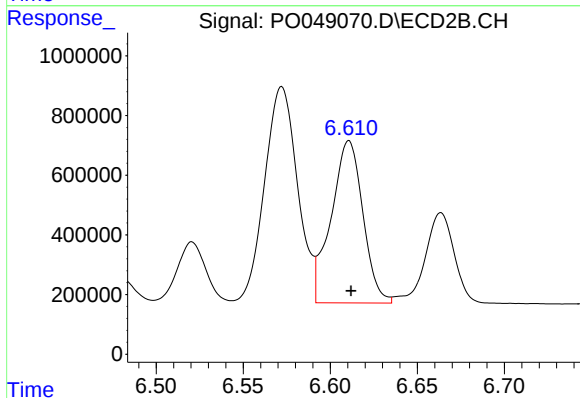
R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 3234568
Conc: 318.35 ng/ml



#41 AR-1268-1

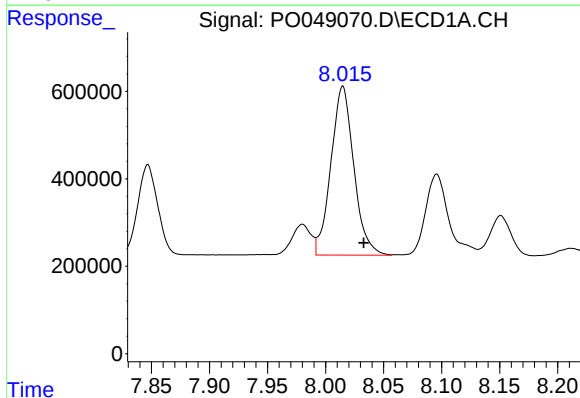
R.T.: 7.789 min
Delta R.T.: 0.000 min
Response: 4663686
Conc: 911.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



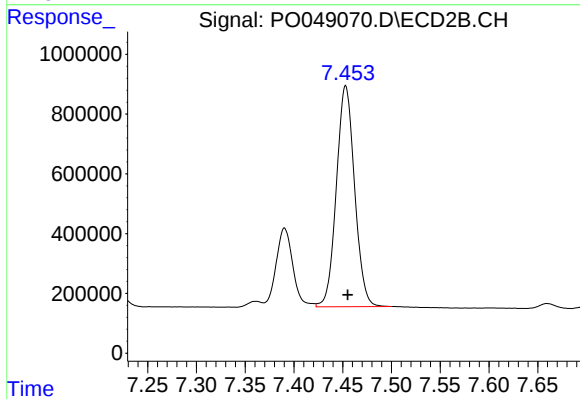
#41 AR-1268-1

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 6912575
Conc: 911.15 ng/ml



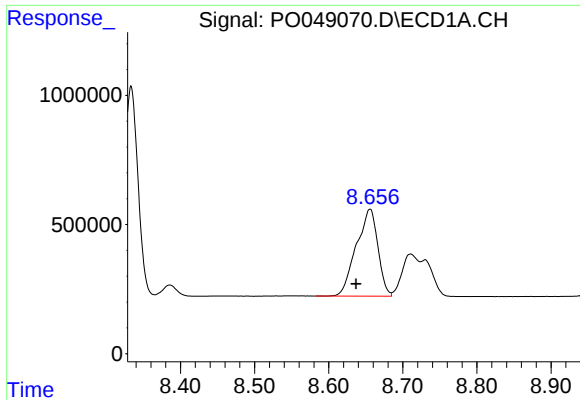
#42 AR-1268-2

R.T.: 8.015 min
Delta R.T.: -0.018 min
Response: 5299591
Conc: 866.18 ng/ml



#42 AR-1268-2

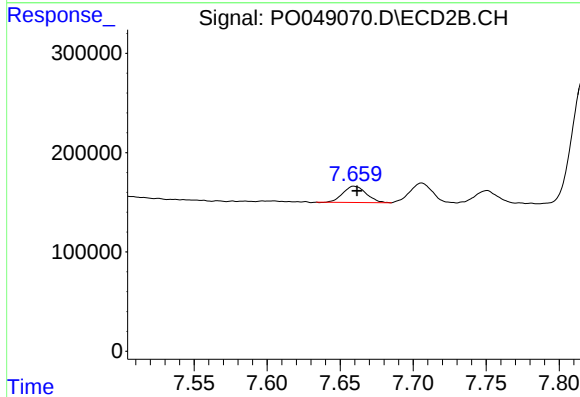
R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 9614004
Conc: 289.09 ng/ml



#43 AR-1268-3

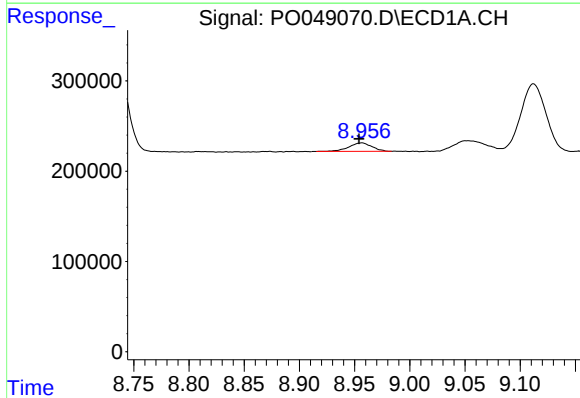
R.T.: 8.656 min
Delta R.T.: 0.019 min
Response: 6817445
Conc: 260.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



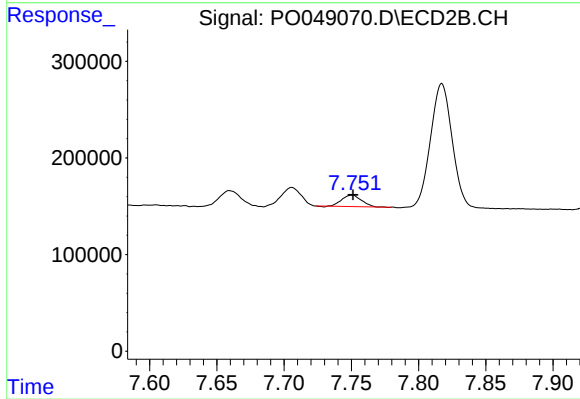
#43 AR-1268-3

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 183000
Conc: 6.70 ng/ml



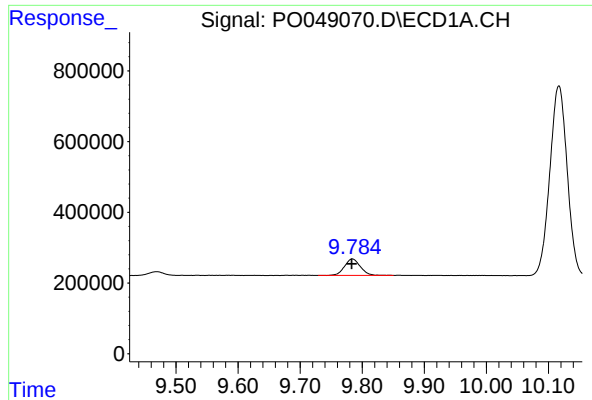
#44 AR-1268-4

R.T.: 8.956 min
Delta R.T.: 0.002 min
Response: 138738
Conc: 6.43 ng/ml



#44 AR-1268-4

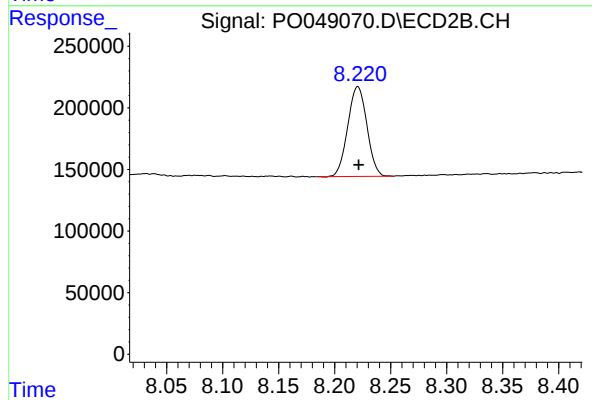
R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 118218
Conc: 15.26 ng/ml



#45 AR-1268-5

R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 828030
Conc: 11.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 867026
Conc: 12.23 ng/ml