

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081420\
 Data File : P0070564.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Aug 2020 10:45
 Operator : DD\AJ
 Sample : L3677-05RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 12:52:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 06 13:04:06 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.367	3.551	1918807	1128256	29.017	25.608
2)	SA Decachlor...	9.994	8.742	9332433	5678371	108.993	102.298
Target Compounds							
3)	L1 AR-1016-1	5.664	4.794	262869	413856	91.040	205.533 #
4)	L1 AR-1016-2	5.707	4.794	98388	413856	23.792	145.641 #
5)	L1 AR-1016-3	5.758	4.978	109960	415688	44.502	272.256 #
6)	L1 AR-1016-4	5.886	5.037	190845	58034	91.093	44.611 #
7)	L1 AR-1016-5	6.147f	5.259	133543	554931	63.966	343.663 #
8)	L2 AR-1221-1	0.000	3.799	0	61474	N.D.	101.331 #
9)	L2 AR-1221-2	0.000	3.911	0	18995	N.D.	42.931 #
10)	L2 AR-1221-3	4.818	0.000	56291	0	28.229	N.D. #
11)	L3 AR-1232-1	4.818	0.000	56291	0	37.409	N.D. #
12)	L3 AR-1232-2	5.375	4.794	259512	413856	315.450	333.349
13)	L3 AR-1232-3	5.707	4.978	98388	415688	55.176	623.051 #
14)	L3 AR-1232-4	5.886f	5.086	190845	1061443	209.176	1929.019 #
15)	L3 AR-1232-5	5.955	5.259	507448	554931	829.828	843.930
16)	L4 AR-1242-1	5.664	4.794	262869	413856	111.596	252.823 #
17)	L4 AR-1242-2	5.707	4.794	98388	413856	29.162	179.571 #
18)	L4 AR-1242-3	5.758	4.978	109960	415688	53.724	334.049 #
19)	L4 AR-1242-4	5.886f	5.086	190845	1061443	110.126	935.767 #
20)	L4 AR-1242-5	6.649	5.636	2092449	3158936	1015.847	1893.809 #
21)	L5 AR-1248-1	5.664f	4.794	262869	413856	147.878	347.687 #
22)	L5 AR-1248-2	5.955	5.037	507448	58034	223.749	34.050 #
23)	L5 AR-1248-3	0.000	5.086	0	1061443	N.D.	676.603 #
24)	L5 AR-1248-4	0.000	5.259	0	554931	N.D.	272.948 #
25)	L5 AR-1248-5	6.649	5.698	2092449	972078	657.835	471.628 #
26)	L6 AR-1254-1	6.572	5.636	6612779	3158936	1858.321	902.041 #
27)	L6 AR-1254-2	6.801	5.823f	78529767	59280674	14103.970	19034.861 #
28)	L6 AR-1254-3	7.187	6.231f	85436907	50843133	14835.573	10313.429 #
29)	L6 AR-1254-4	7.498f	6.438f	109.6E6	1858847	21013.702	516.468 #
30)	L6 AR-1254-5	7.916f	6.872	246.0E6	148.6E6	46569.258	32304.425 #
31)	L7 AR-1260-1	7.330	6.344	570464	680071	137.162	210.610 #
32)	L7 AR-1260-2	7.606	6.557	263.9E6	5187487	43944.018	1205.586 #
33)	L7 AR-1260-3	0.000	6.679f	0	2161235	N.D.	590.280 #
34)	L7 AR-1260-4	8.180	7.166	1043333	361839	214.561	116.069 #
35)	L7 AR-1260-5	8.496	7.419	1291435	783137	115.865	96.926
36)	L8 AR-1262-1	0.000	6.872	0	148.6E6	N.D.	58776.694 #
37)	L8 AR-1262-2	8.496	7.419	1291435	783137	102.510	85.492
38)	L8 AR-1262-3	8.763	7.699	991943	545642	173.256	149.108
39)	L8 AR-1262-4	8.844	7.762	627576	733482	198.587	116.317 #
40)	L8 AR-1262-5	9.398	8.257	328616	230976	79.526	80.479
41)	L9 AR-1268-1	8.763	7.699	991943	545642	62.580	48.580

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 Acq On : 14 Aug 2020 10:45
 Operator : DD\AJ
 Sample : L3677-05RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

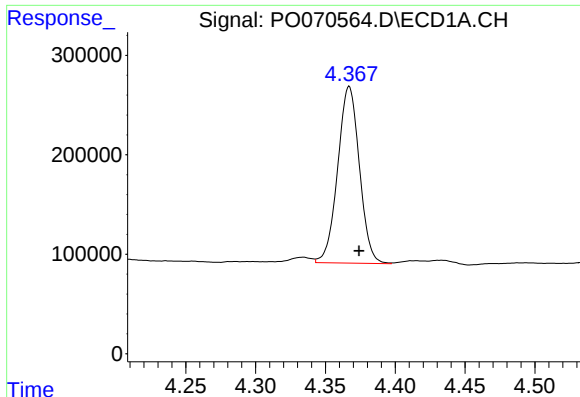
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 12:52:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080620.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	8.844	7.762	627576	733482	46.134	76.037 #
43) L9	AR-1268-3	9.027	7.965	1770782	1258585	152.157	156.512
44) L9	AR-1268-4	9.398	8.257	328616	230976	68.110	70.254
45) L9	AR-1268-5	9.731	8.527	4072811	2554989	129.649	116.707

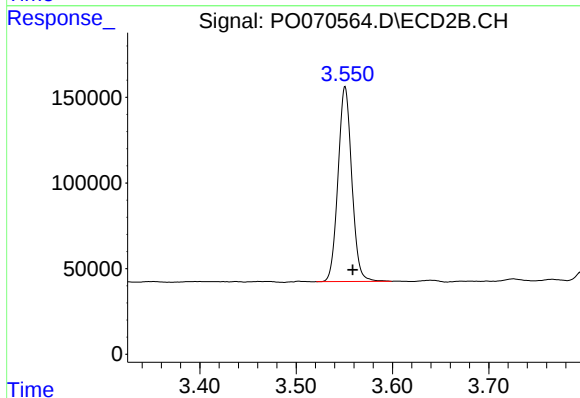
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

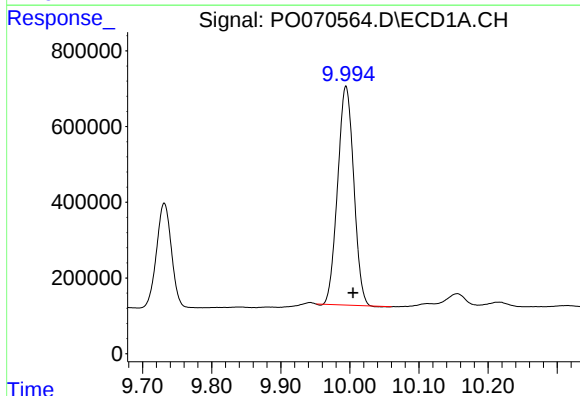
R.T.: 4.367 min
Delta R.T.: -0.007 min
Response: 1918807
Conc: 29.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



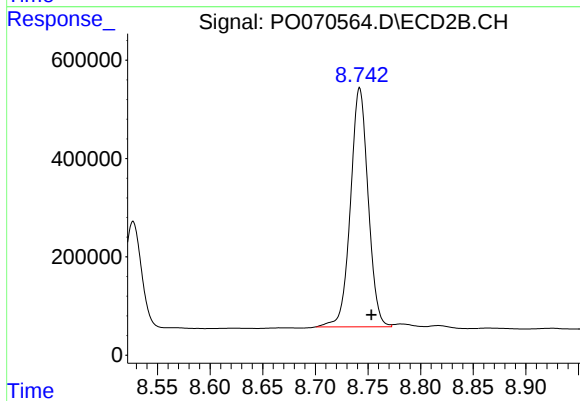
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.008 min
Response: 1128256
Conc: 25.61 ng/ml



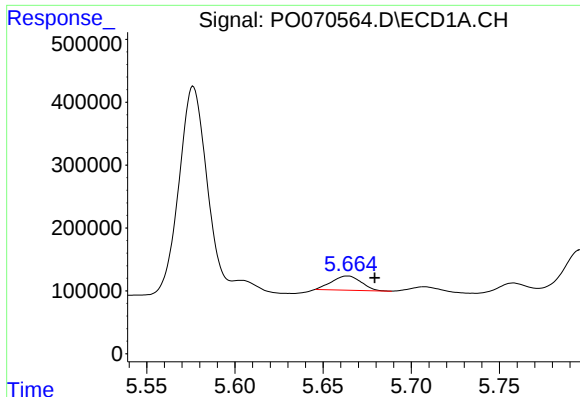
#2 Decachlorobiphenyl

R.T.: 9.994 min
Delta R.T.: -0.011 min
Response: 9332433
Conc: 108.99 ng/ml



#2 Decachlorobiphenyl

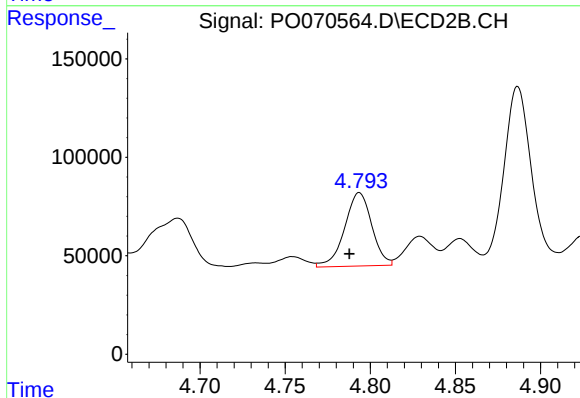
R.T.: 8.742 min
Delta R.T.: -0.011 min
Response: 5678371
Conc: 102.30 ng/ml



#3 AR-1016-1

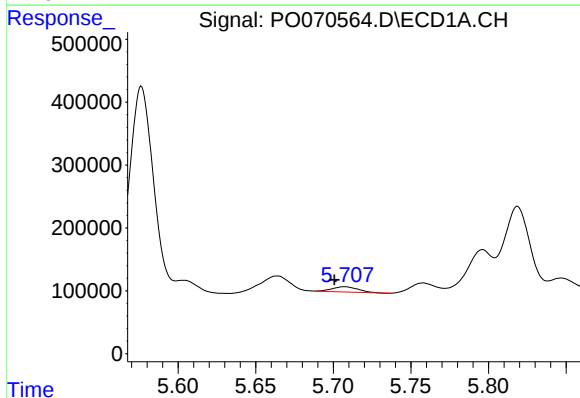
R.T.: 5.664 min
Delta R.T.: -0.015 min
Response: 262869
Conc: 91.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



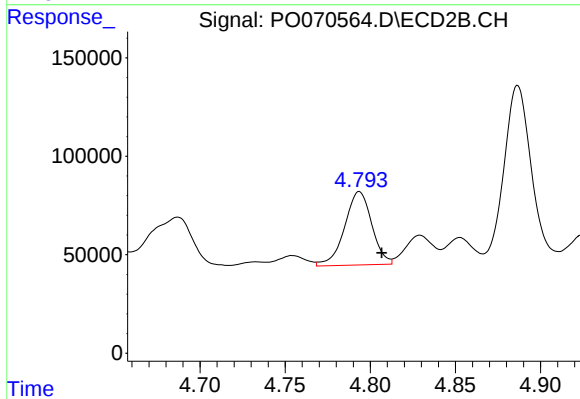
#3 AR-1016-1

R.T.: 4.794 min
Delta R.T.: 0.006 min
Response: 413856
Conc: 205.53 ng/ml



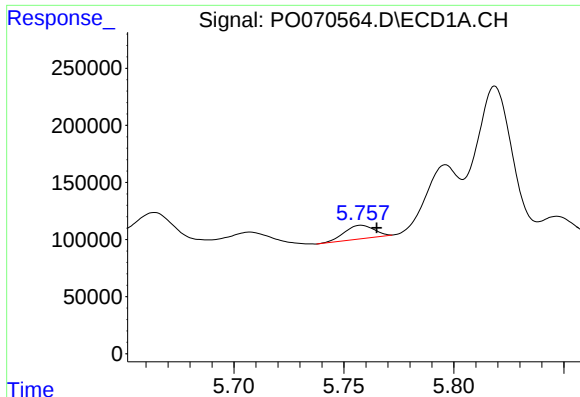
#4 AR-1016-2

R.T.: 5.707 min
Delta R.T.: 0.007 min
Response: 98388
Conc: 23.79 ng/ml



#4 AR-1016-2

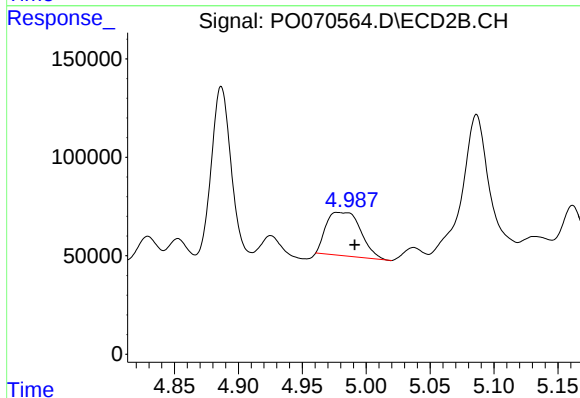
R.T.: 4.794 min
Delta R.T.: -0.013 min
Response: 413856
Conc: 145.64 ng/ml



#5 AR-1016-3

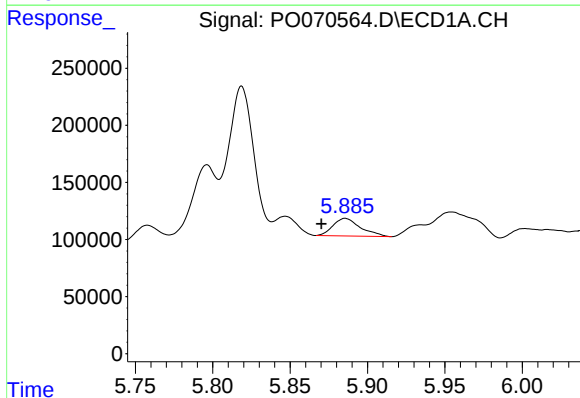
R.T.: 5.758 min
Delta R.T.: -0.007 min
Response: 109960
Conc: 44.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



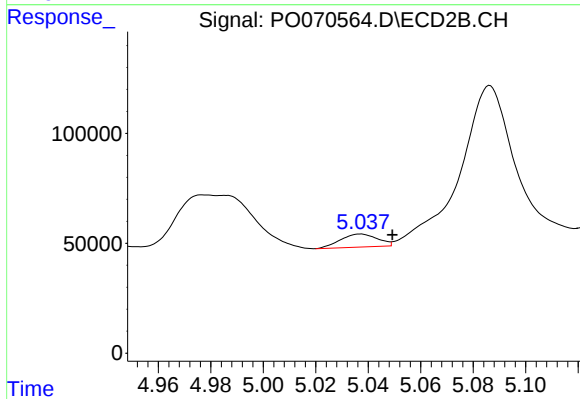
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: -0.013 min
Response: 415688
Conc: 272.26 ng/ml



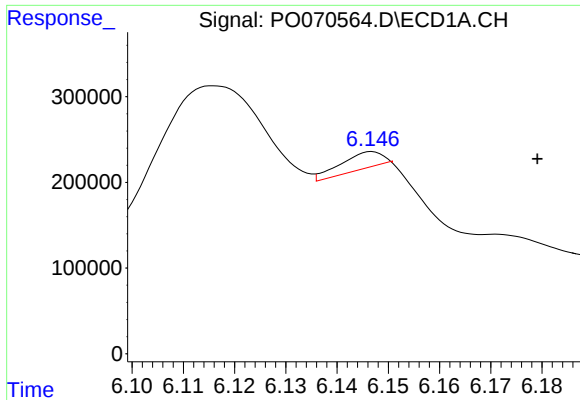
#6 AR-1016-4

R.T.: 5.886 min
Delta R.T.: 0.015 min
Response: 190845
Conc: 91.09 ng/ml



#6 AR-1016-4

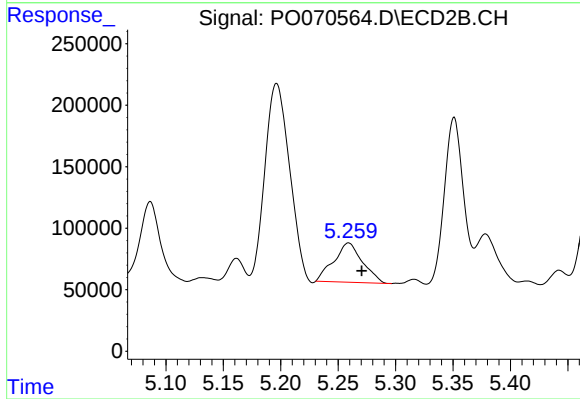
R.T.: 5.037 min
Delta R.T.: -0.012 min
Response: 58034
Conc: 44.61 ng/ml



#7 AR-1016-5

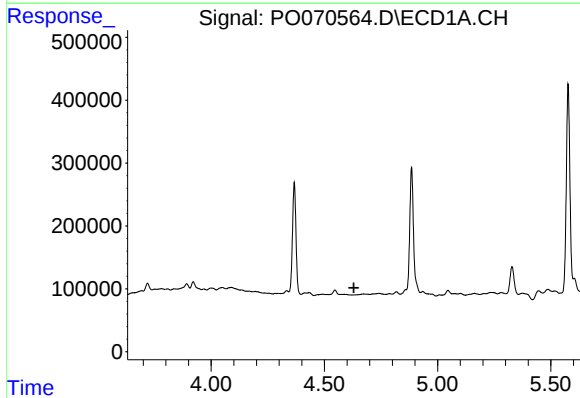
R.T.: 6.147 min
Delta R.T.: -0.032 min
Response: 133543
Conc: 63.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



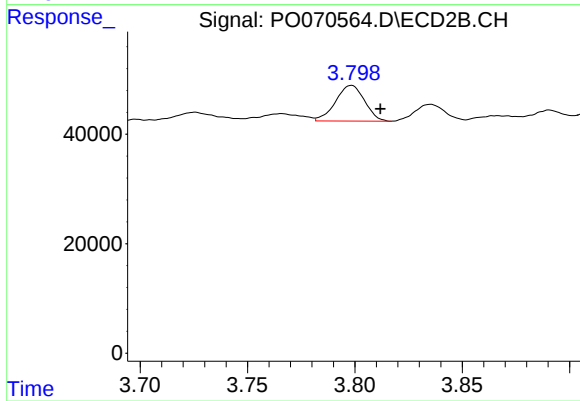
#7 AR-1016-5

R.T.: 5.259 min
Delta R.T.: -0.011 min
Response: 554931
Conc: 343.66 ng/ml



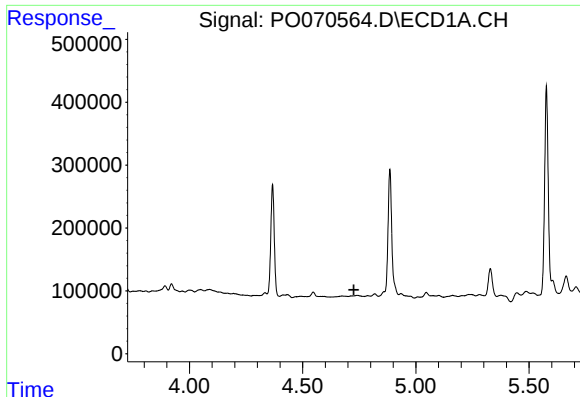
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.631 min
Response: 0
Conc: N.D.



#8 AR-1221-1

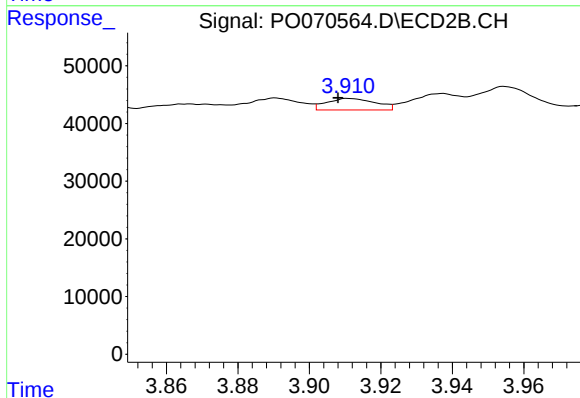
R.T.: 3.799 min
Delta R.T.: -0.013 min
Response: 61474
Conc: 101.33 ng/ml



#9 AR-1221-2

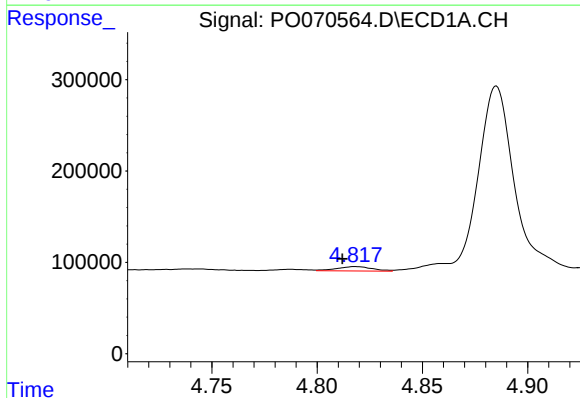
R.T.: 0.000 min
Exp R.T.: 4.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



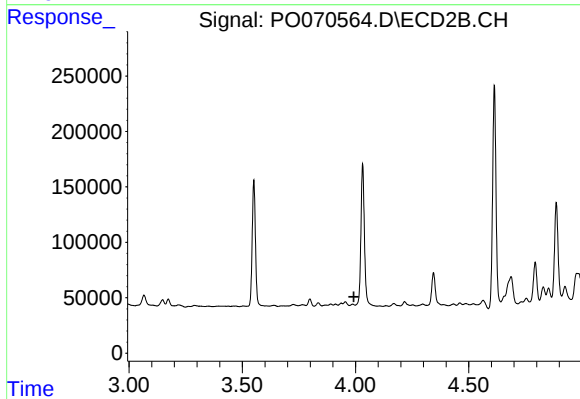
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: 0.003 min
Response: 18995
Conc: 42.93 ng/ml



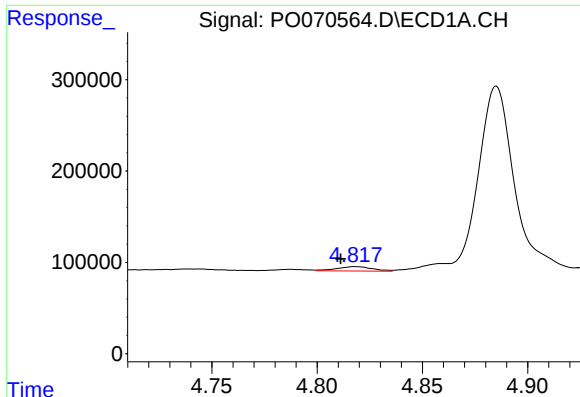
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: 0.006 min
Response: 56291
Conc: 28.23 ng/ml



#10 AR-1221-3

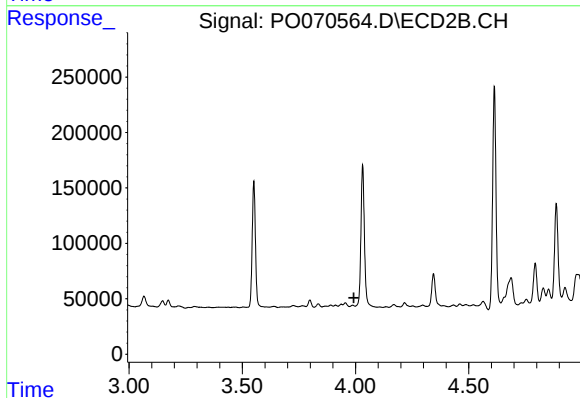
R.T.: 0.000 min
Exp R.T.: 3.993 min
Response: 0
Conc: N.D.



#11 AR-1232-1

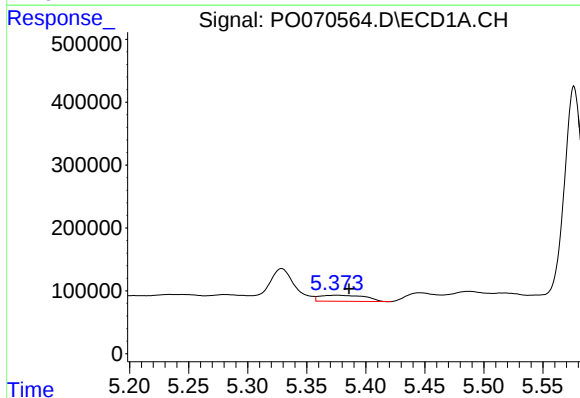
R.T.: 4.818 min
Delta R.T.: 0.007 min
Response: 56291
Conc: 37.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



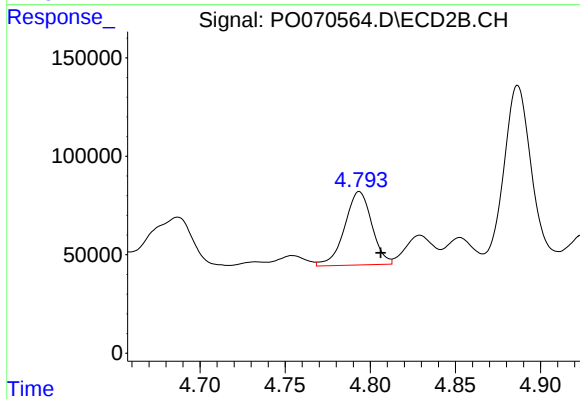
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.993 min
Response: 0
Conc: N.D.



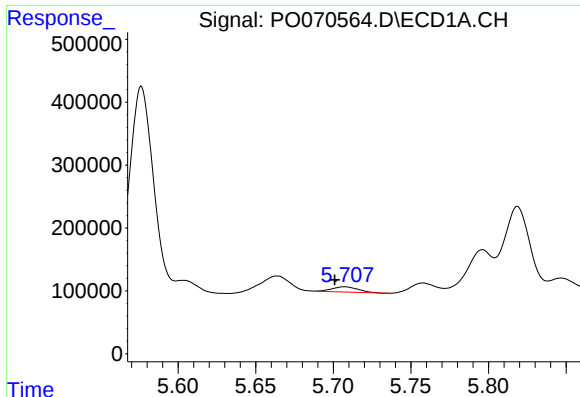
#12 AR-1232-2

R.T.: 5.375 min
Delta R.T.: -0.011 min
Response: 259512
Conc: 315.45 ng/ml



#12 AR-1232-2

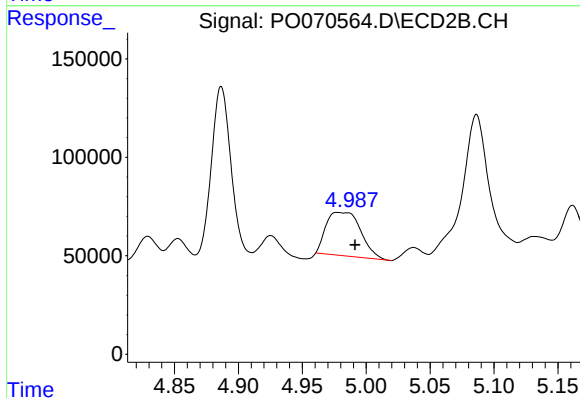
R.T.: 4.794 min
Delta R.T.: -0.012 min
Response: 413856
Conc: 333.35 ng/ml



#13 AR-1232-3

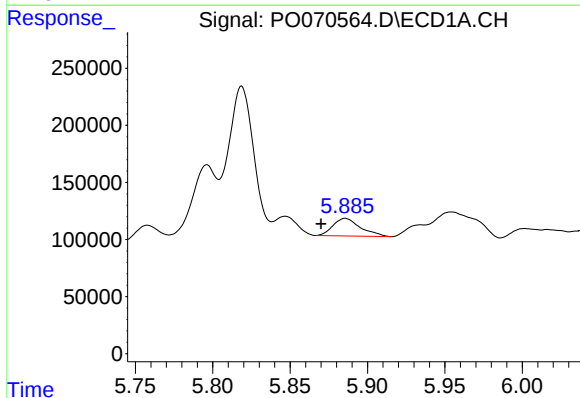
R.T.: 5.707 min
Delta R.T.: 0.006 min
Response: 98388
Conc: 55.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



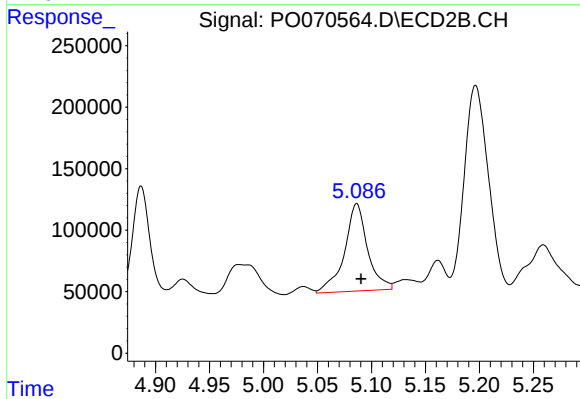
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: -0.014 min
Response: 415688
Conc: 623.05 ng/ml



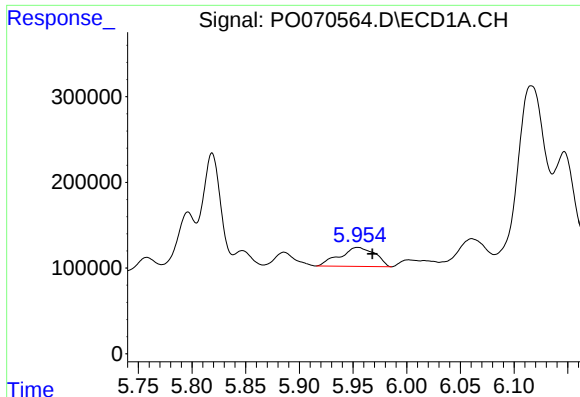
#14 AR-1232-4

R.T.: 5.886 min
Delta R.T.: 0.016 min
Response: 190845
Conc: 209.18 ng/ml



#14 AR-1232-4

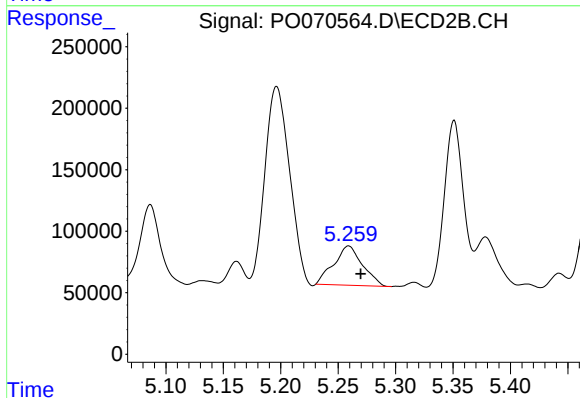
R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 1061443
Conc: 1929.02 ng/ml



#15 AR-1232-5

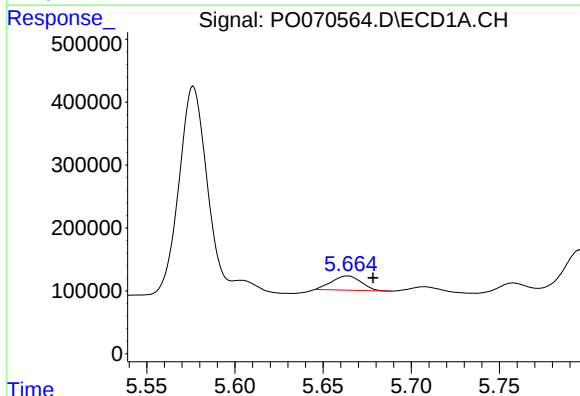
R.T.: 5.955 min
Delta R.T.: -0.013 min
Response: 507448
Conc: 829.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



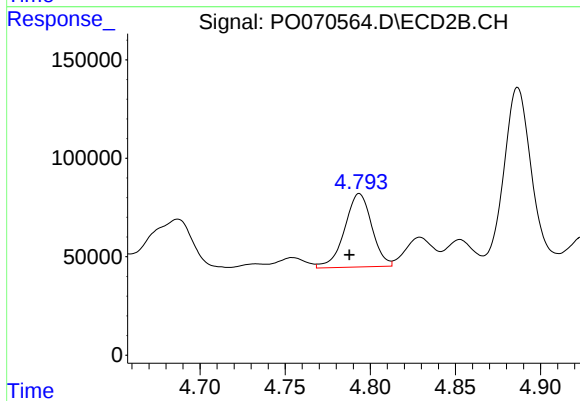
#15 AR-1232-5

R.T.: 5.259 min
Delta R.T.: -0.010 min
Response: 554931
Conc: 843.93 ng/ml



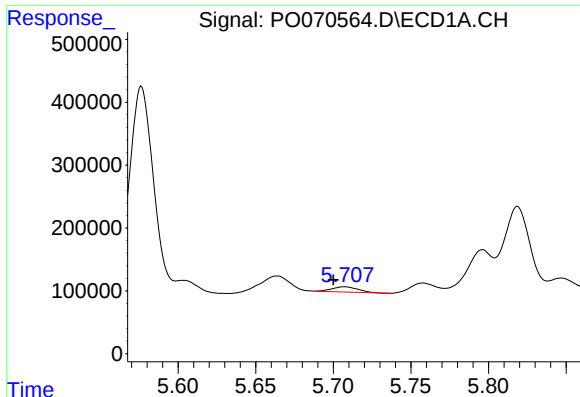
#16 AR-1242-1

R.T.: 5.664 min
Delta R.T.: -0.014 min
Response: 262869
Conc: 111.60 ng/ml



#16 AR-1242-1

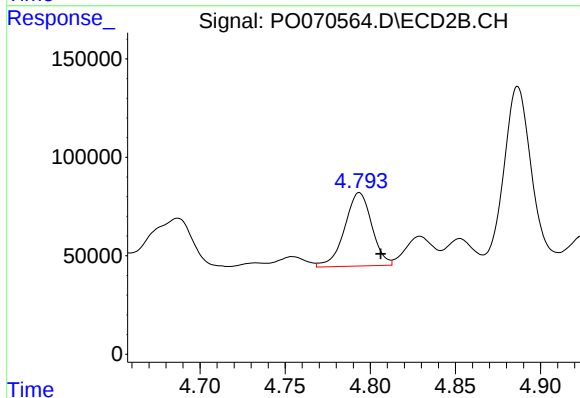
R.T.: 4.794 min
Delta R.T.: 0.006 min
Response: 413856
Conc: 252.82 ng/ml



#17 AR-1242-2

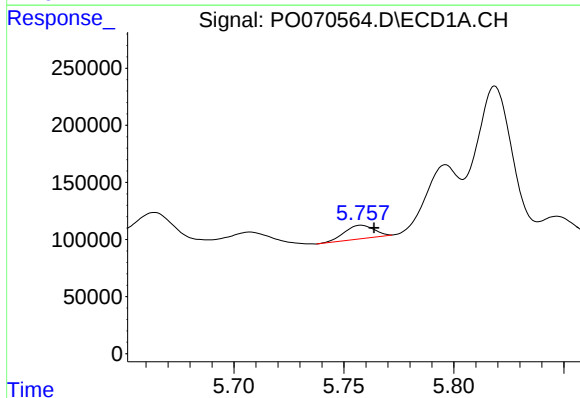
R.T.: 5.707 min
Delta R.T.: 0.007 min
Response: 98388
Conc: 29.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



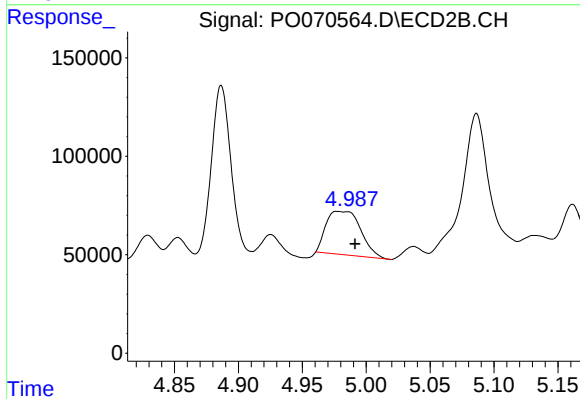
#17 AR-1242-2

R.T.: 4.794 min
Delta R.T.: -0.013 min
Response: 413856
Conc: 179.57 ng/ml



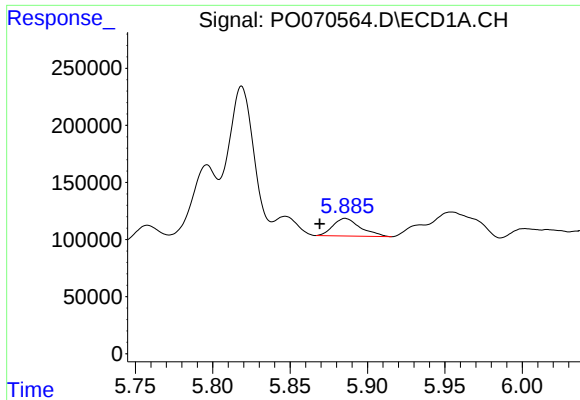
#18 AR-1242-3

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 109960
Conc: 53.72 ng/ml



#18 AR-1242-3

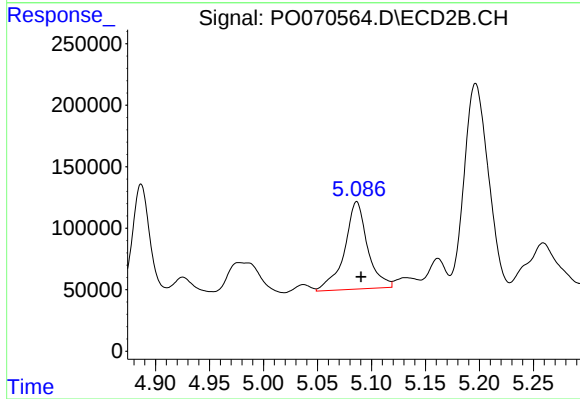
R.T.: 4.978 min
Delta R.T.: -0.014 min
Response: 415688
Conc: 334.05 ng/ml



#19 AR-1242-4

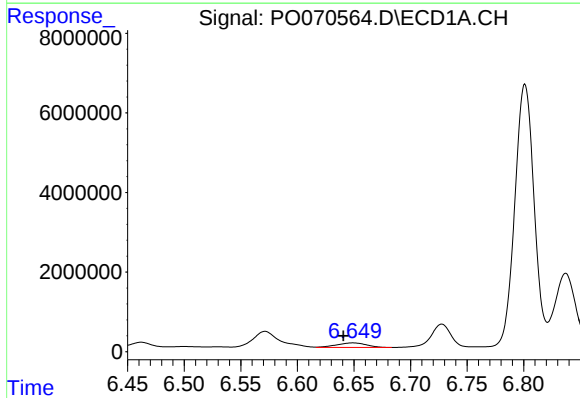
R.T.: 5.886 min
Delta R.T.: 0.017 min
Response: 190845
Conc: 110.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



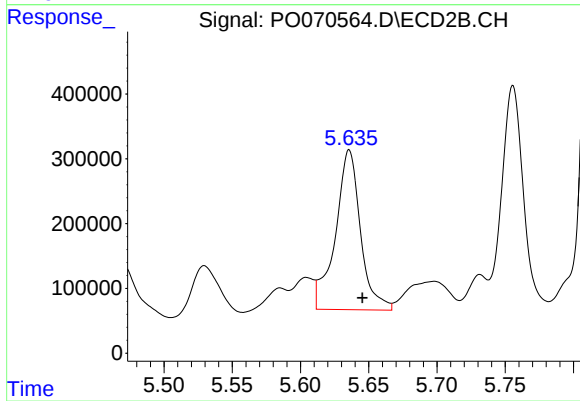
#19 AR-1242-4

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 1061443
Conc: 935.77 ng/ml



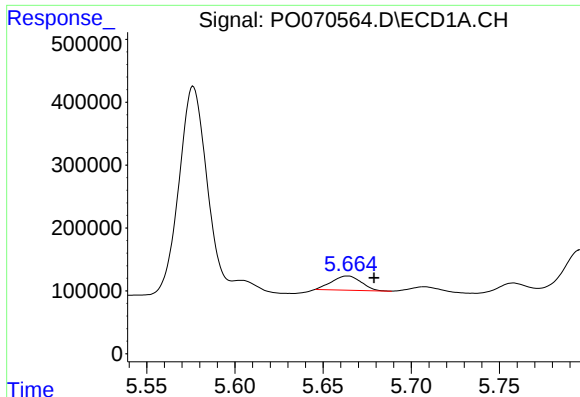
#20 AR-1242-5

R.T.: 6.649 min
Delta R.T.: 0.008 min
Response: 2092449
Conc: 1015.85 ng/ml



#20 AR-1242-5

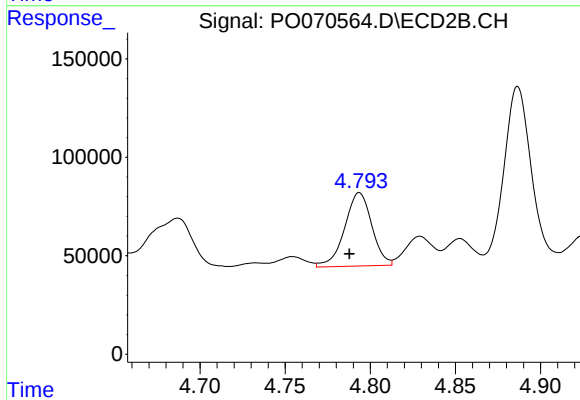
R.T.: 5.636 min
Delta R.T.: -0.010 min
Response: 3158936
Conc: 1893.81 ng/ml



#21 AR-1248-1

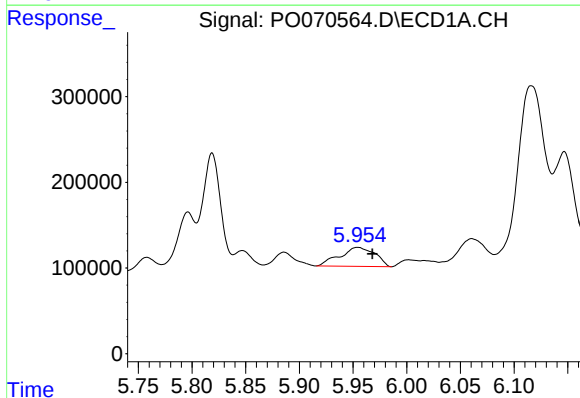
R.T.: 5.664 min
Delta R.T.: -0.015 min
Response: 262869
Conc: 147.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



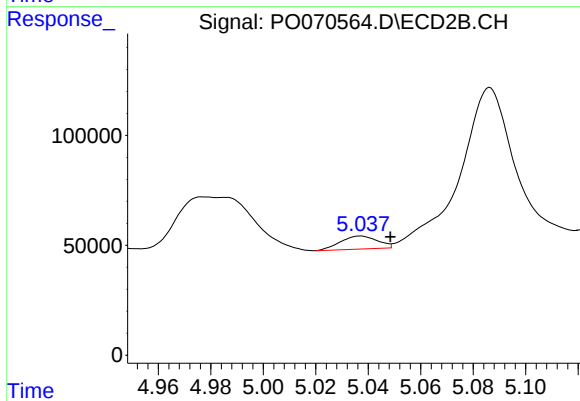
#21 AR-1248-1

R.T.: 4.794 min
Delta R.T.: 0.006 min
Response: 413856
Conc: 347.69 ng/ml



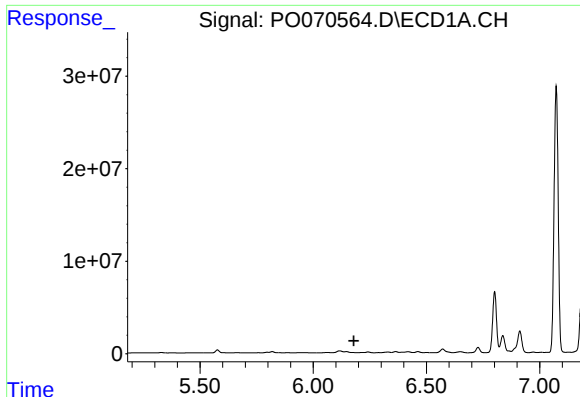
#22 AR-1248-2

R.T.: 5.955 min
Delta R.T.: -0.013 min
Response: 507448
Conc: 223.75 ng/ml



#22 AR-1248-2

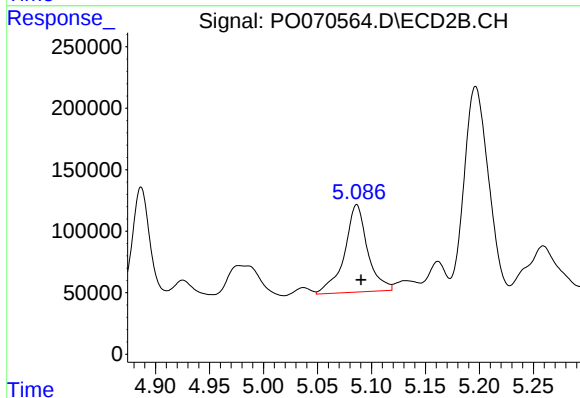
R.T.: 5.037 min
Delta R.T.: -0.011 min
Response: 58034
Conc: 34.05 ng/ml



#23 AR-1248-3

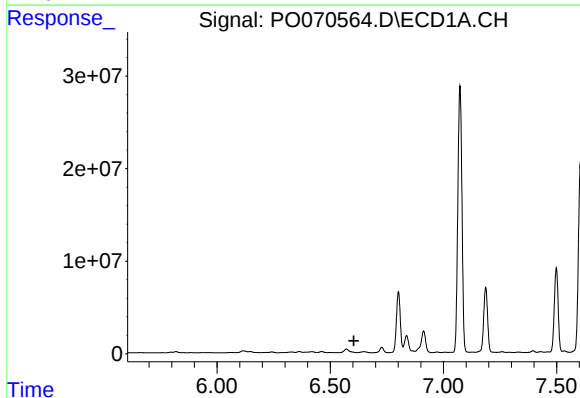
R.T.: 0.000 min
Exp R.T.: 6.180 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



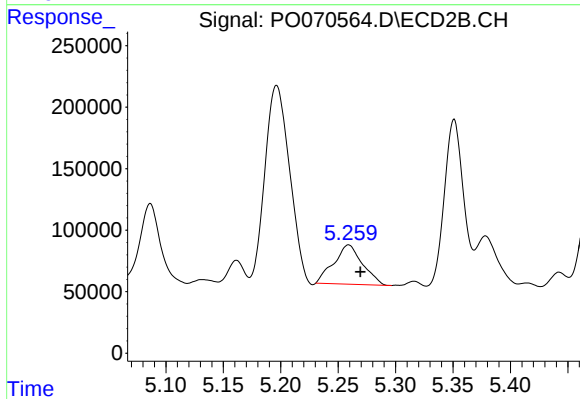
#23 AR-1248-3

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 1061443
Conc: 676.60 ng/ml



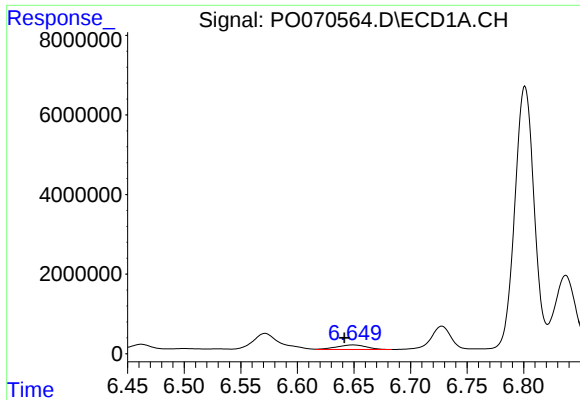
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.604 min
Response: 0
Conc: N.D.



#24 AR-1248-4

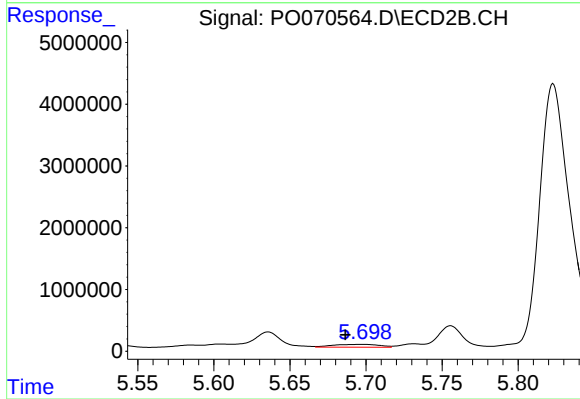
R.T.: 5.259 min
Delta R.T.: -0.010 min
Response: 554931
Conc: 272.95 ng/ml



#25 AR-1248-5

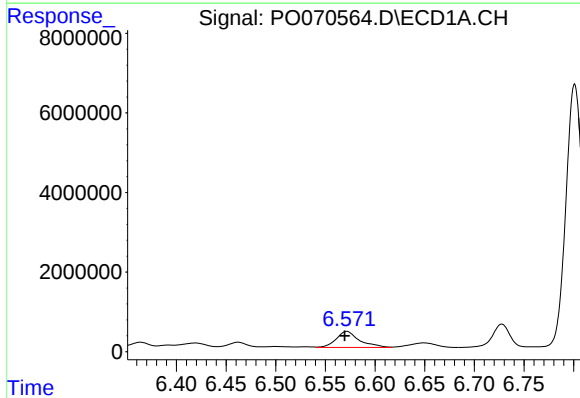
R.T.: 6.649 min
Delta R.T.: 0.008 min
Response: 2092449
Conc: 657.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



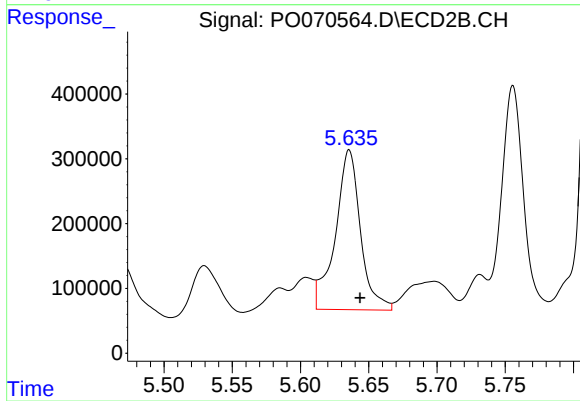
#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.011 min
Response: 972078
Conc: 471.63 ng/ml



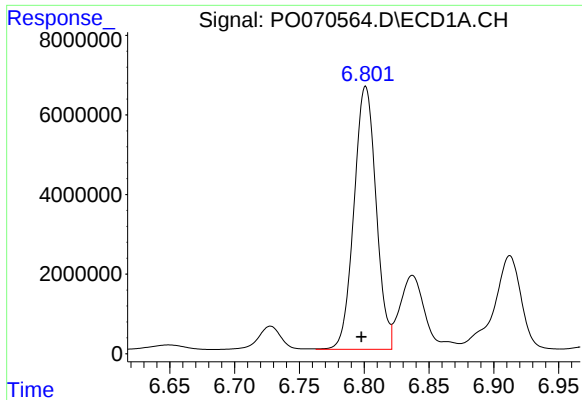
#26 AR-1254-1

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 6612779
Conc: 1858.32 ng/ml



#26 AR-1254-1

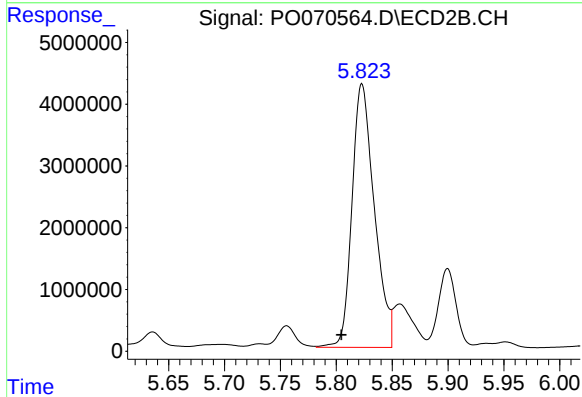
R.T.: 5.636 min
Delta R.T.: -0.008 min
Response: 3158936
Conc: 902.04 ng/ml



#27 AR-1254-2

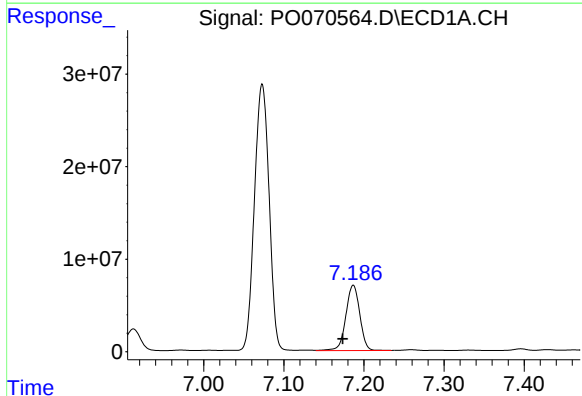
R.T.: 6.801 min
Delta R.T.: 0.003 min
Response: 78529767
Conc: 14103.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



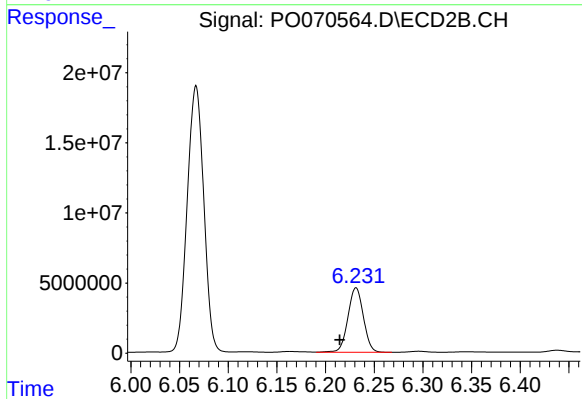
#27 AR-1254-2

R.T.: 5.823 min
Delta R.T.: 0.019 min
Response: 59280674
Conc: 19034.86 ng/ml



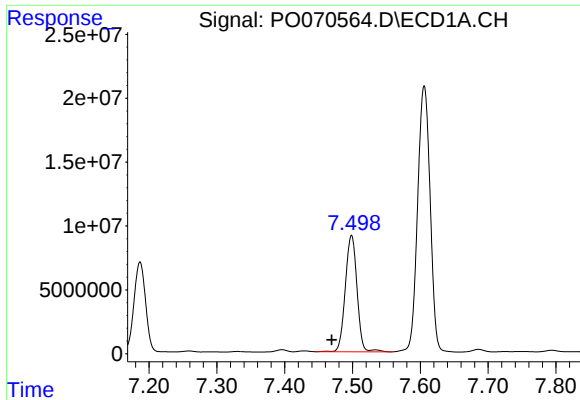
#28 AR-1254-3

R.T.: 7.187 min
Delta R.T.: 0.013 min
Response: 85436907
Conc: 14835.57 ng/ml



#28 AR-1254-3

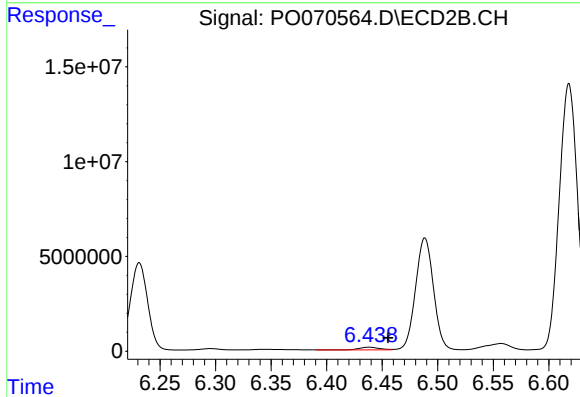
R.T.: 6.231 min
Delta R.T.: 0.017 min
Response: 50843133
Conc: 10313.43 ng/ml



#29 AR-1254-4

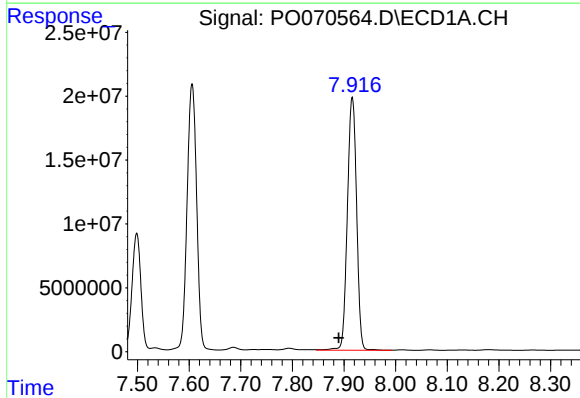
R.T.: 7.498 min
Delta R.T.: 0.029 min
Response: 109616650
Conc: 21013.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



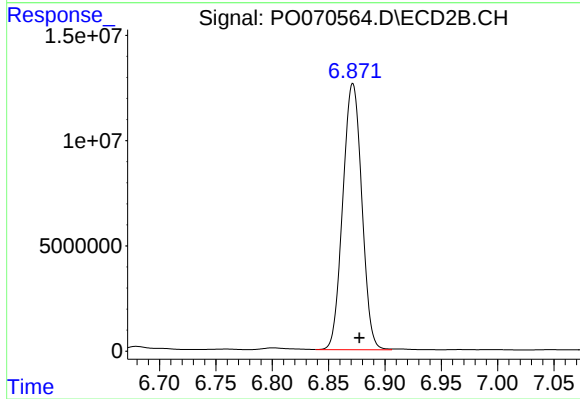
#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: -0.017 min
Response: 1858847
Conc: 516.47 ng/ml



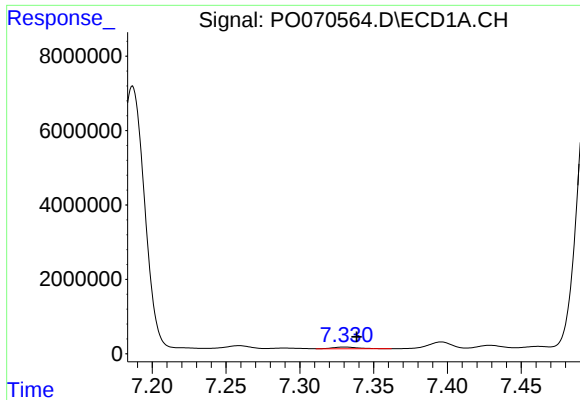
#30 AR-1254-5

R.T.: 7.916 min
Delta R.T.: 0.026 min
Response: 246022150
Conc: 46569.26 ng/ml



#30 AR-1254-5

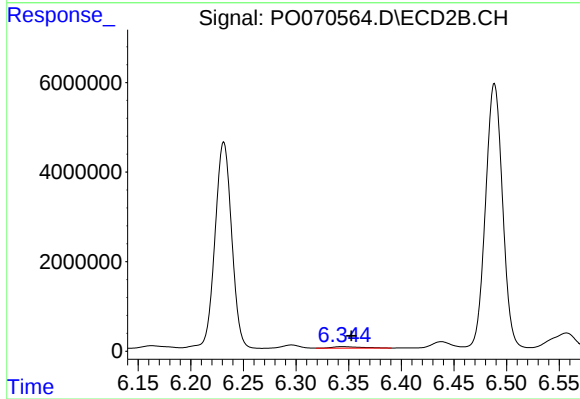
R.T.: 6.872 min
Delta R.T.: -0.006 min
Response: 148583944
Conc: 32304.43 ng/ml



#31 AR-1260-1

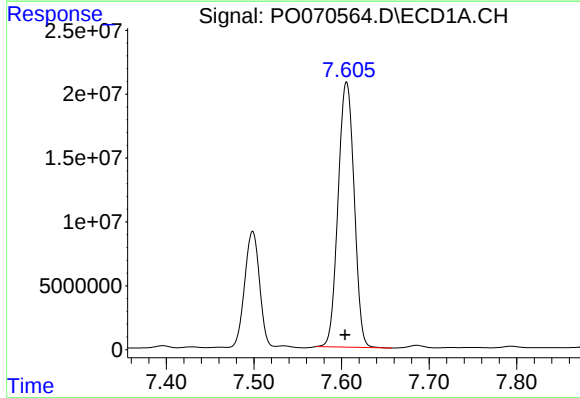
R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 570464
Conc: 137.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



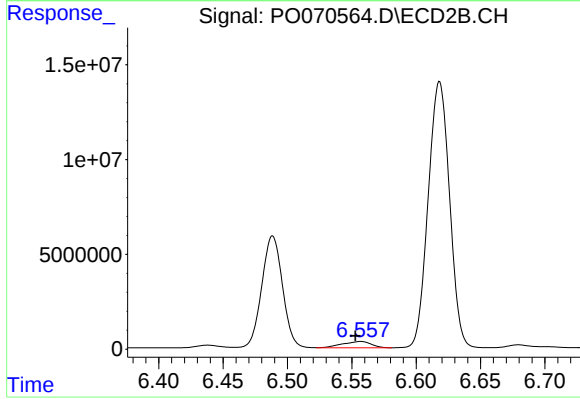
#31 AR-1260-1

R.T.: 6.344 min
Delta R.T.: -0.009 min
Response: 680071
Conc: 210.61 ng/ml



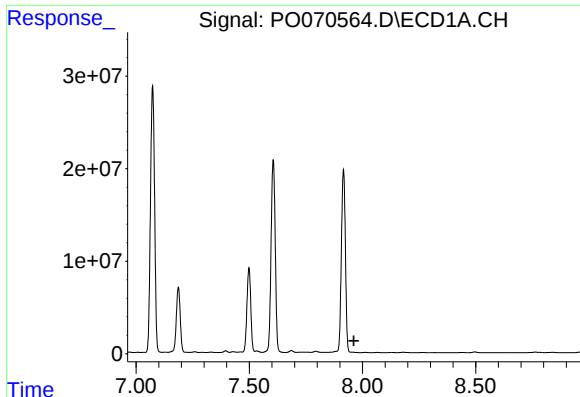
#32 AR-1260-2

R.T.: 7.606 min
Delta R.T.: 0.002 min
Response: 263860318
Conc: 43944.02 ng/ml



#32 AR-1260-2

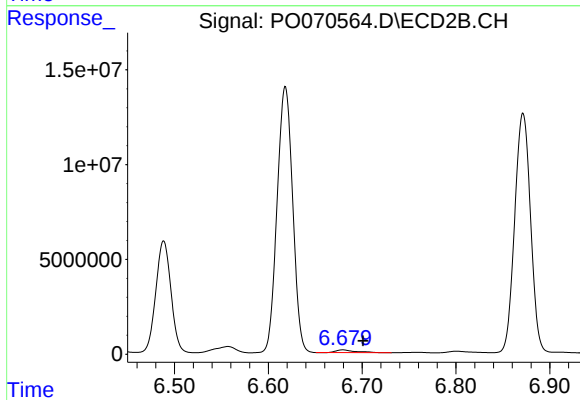
R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 5187487
Conc: 1205.59 ng/ml



#33 AR-1260-3

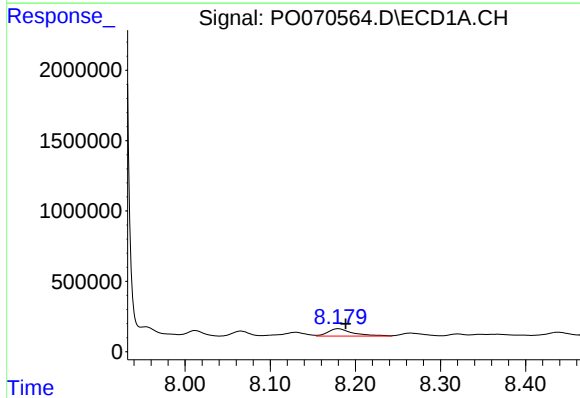
R.T.: 0.000 min
Exp R.T.: 7.962 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



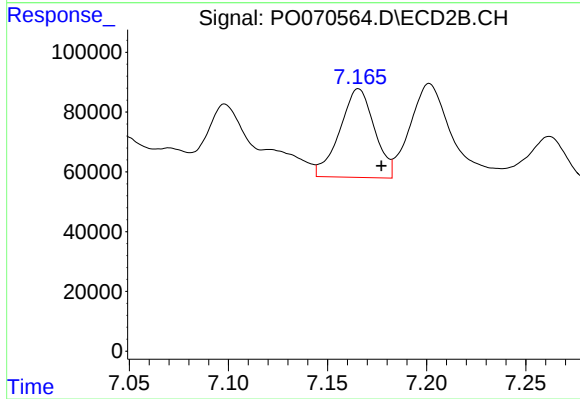
#33 AR-1260-3

R.T.: 6.679 min
Delta R.T.: -0.021 min
Response: 2161235
Conc: 590.28 ng/ml



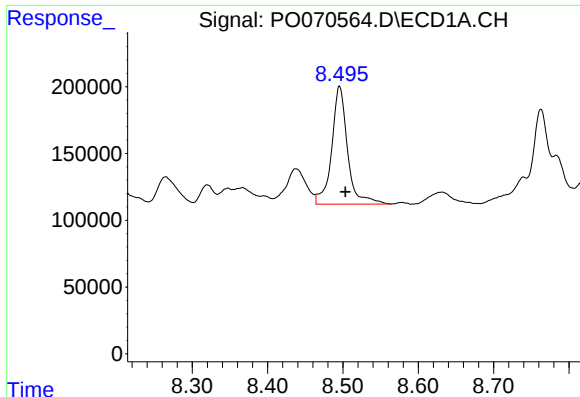
#34 AR-1260-4

R.T.: 8.180 min
Delta R.T.: -0.009 min
Response: 1043333
Conc: 214.56 ng/ml



#34 AR-1260-4

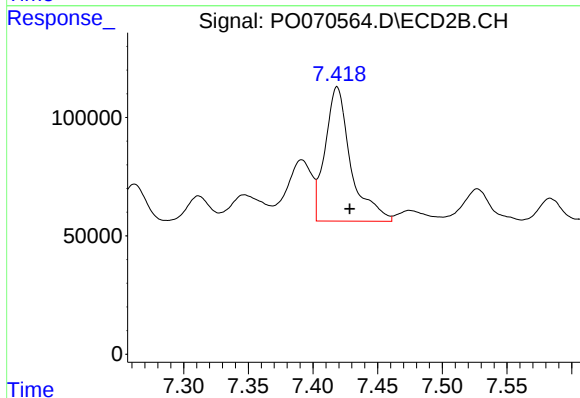
R.T.: 7.166 min
Delta R.T.: -0.012 min
Response: 361839
Conc: 116.07 ng/ml



#35 AR-1260-5

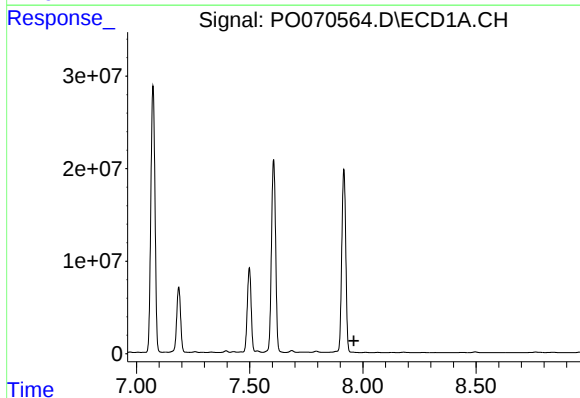
R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 1291435
Conc: 115.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



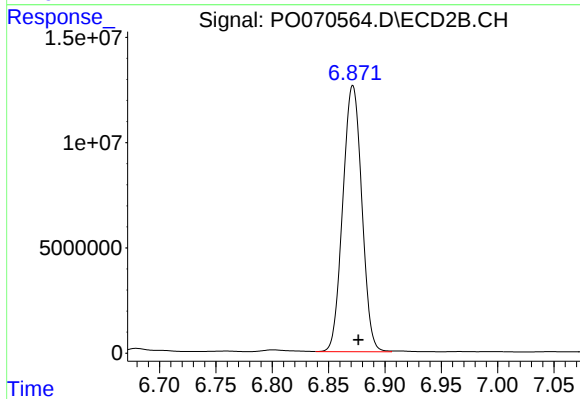
#35 AR-1260-5

R.T.: 7.419 min
Delta R.T.: -0.010 min
Response: 783137
Conc: 96.93 ng/ml



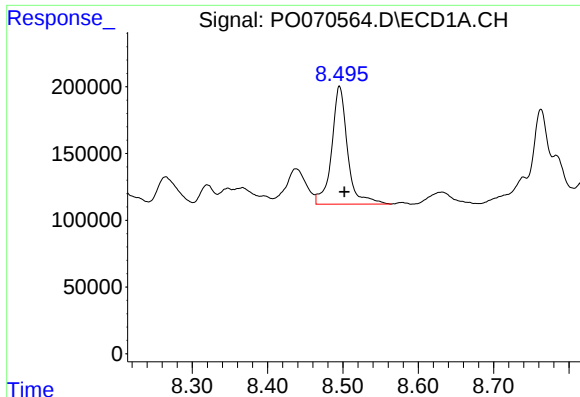
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.961 min
Response: 0
Conc: N.D.



#36 AR-1262-1

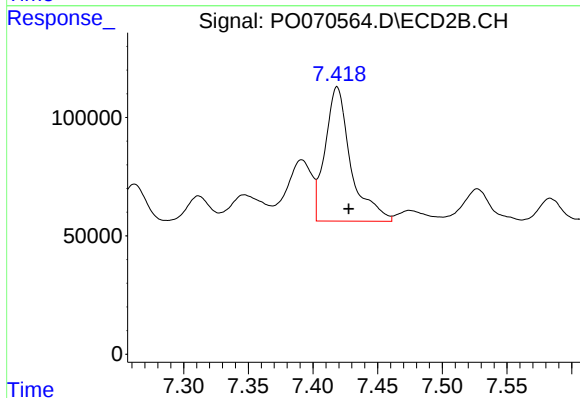
R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 148583944
Conc: 58776.69 ng/ml



#37 AR-1262-2

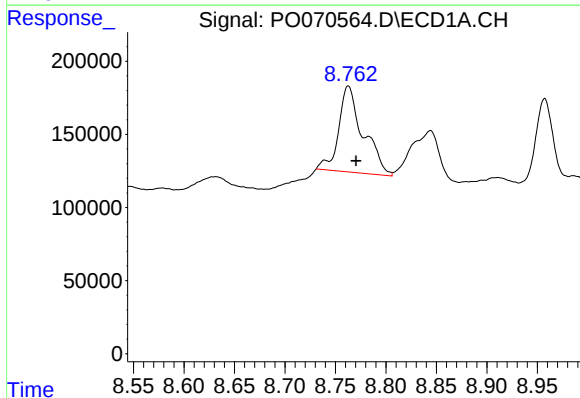
R.T.: 8.496 min
Delta R.T.: -0.006 min
Response: 1291435
Conc: 102.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



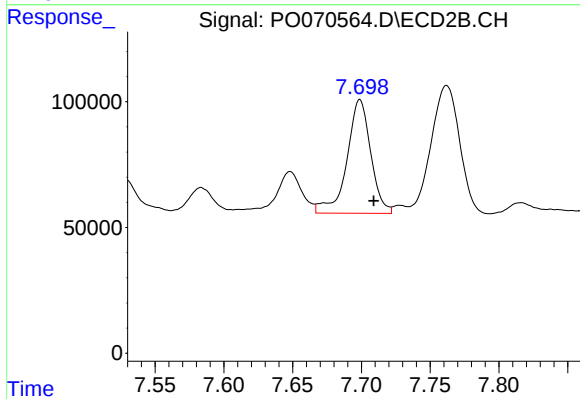
#37 AR-1262-2

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 783137
Conc: 85.49 ng/ml



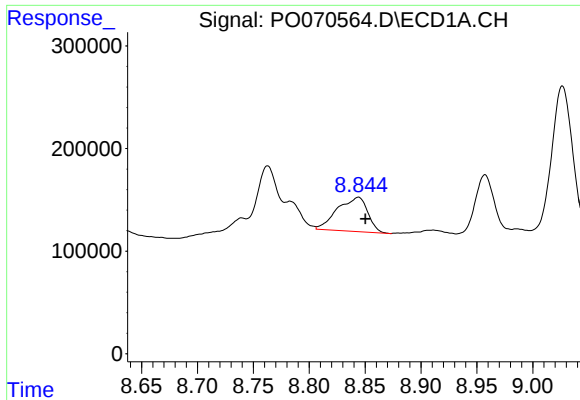
#38 AR-1262-3

R.T.: 8.763 min
Delta R.T.: -0.008 min
Response: 991943
Conc: 173.26 ng/ml



#38 AR-1262-3

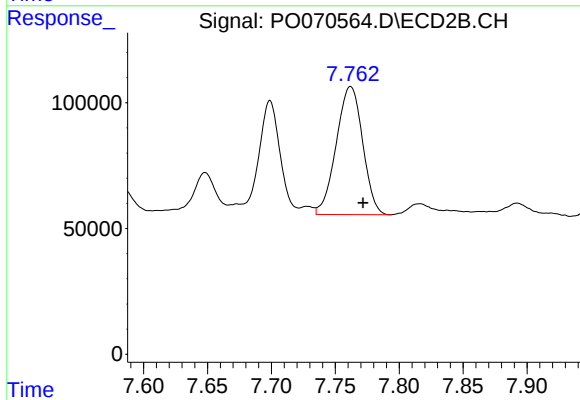
R.T.: 7.699 min
Delta R.T.: -0.010 min
Response: 545642
Conc: 149.11 ng/ml



#39 AR-1262-4

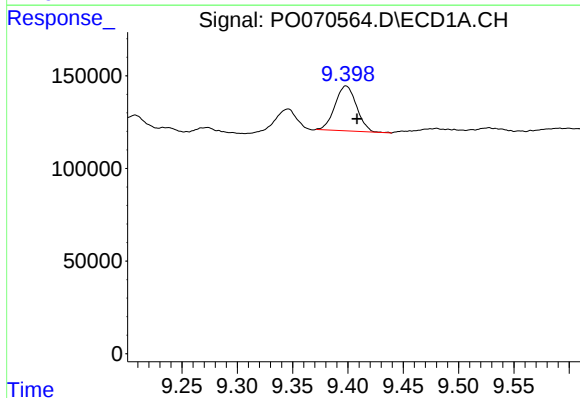
R.T.: 8.844 min
Delta R.T.: -0.007 min
Response: 627576
Conc: 198.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



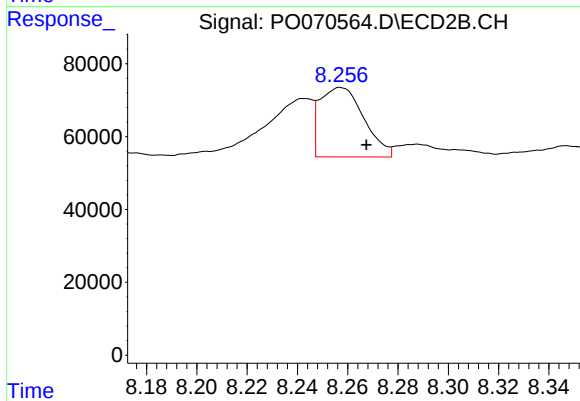
#39 AR-1262-4

R.T.: 7.762 min
Delta R.T.: -0.010 min
Response: 733482
Conc: 116.32 ng/ml



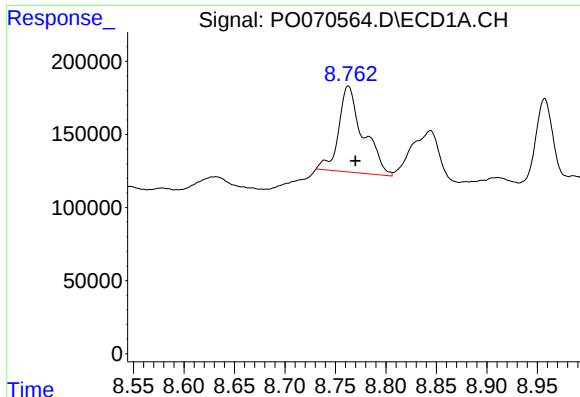
#40 AR-1262-5

R.T.: 9.398 min
Delta R.T.: -0.010 min
Response: 328616
Conc: 79.53 ng/ml



#40 AR-1262-5

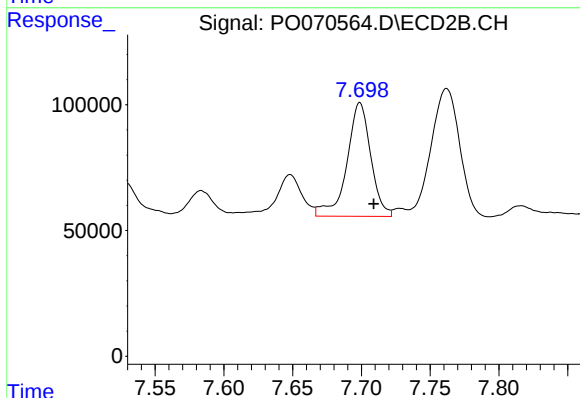
R.T.: 8.257 min
Delta R.T.: -0.010 min
Response: 230976
Conc: 80.48 ng/ml



#41 AR-1268-1

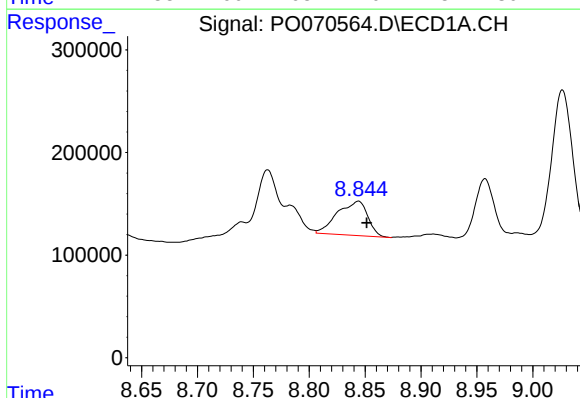
R.T.: 8.763 min
Delta R.T.: -0.007 min
Response: 991943
Conc: 62.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



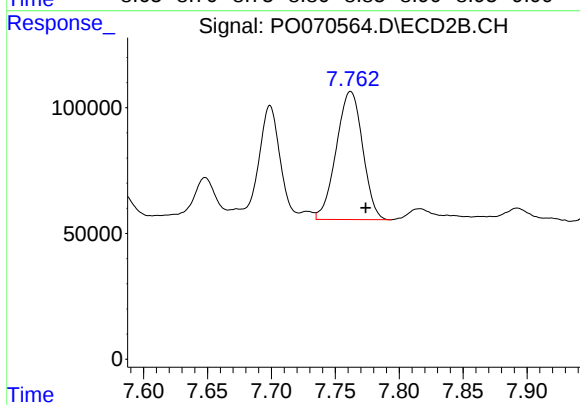
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: -0.010 min
Response: 545642
Conc: 48.58 ng/ml



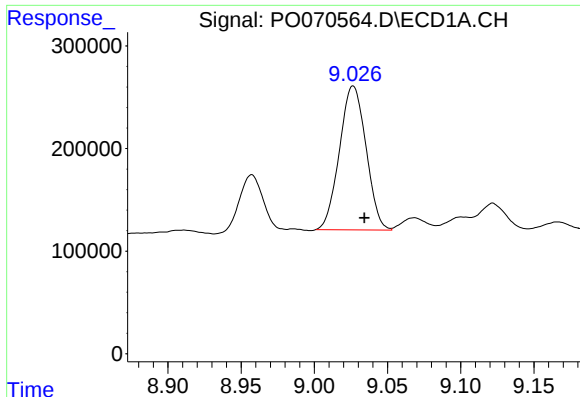
#42 AR-1268-2

R.T.: 8.844 min
Delta R.T.: -0.008 min
Response: 627576
Conc: 46.13 ng/ml



#42 AR-1268-2

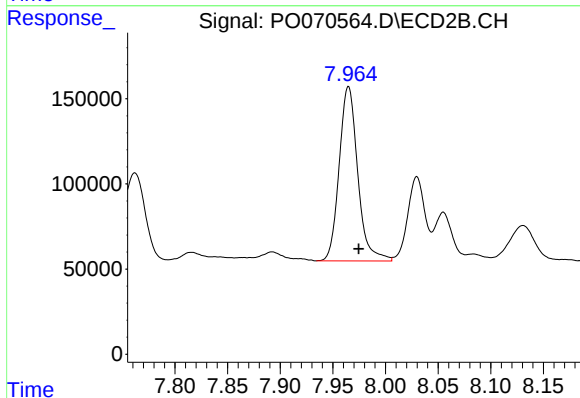
R.T.: 7.762 min
Delta R.T.: -0.012 min
Response: 733482
Conc: 76.04 ng/ml



#43 AR-1268-3

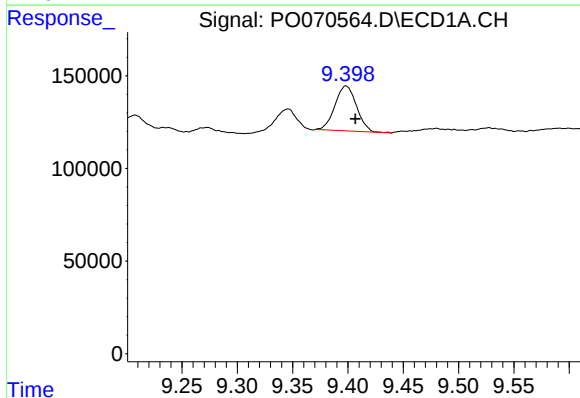
R.T.: 9.027 min
Delta R.T.: -0.008 min
Response: 1770782
Conc: 152.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



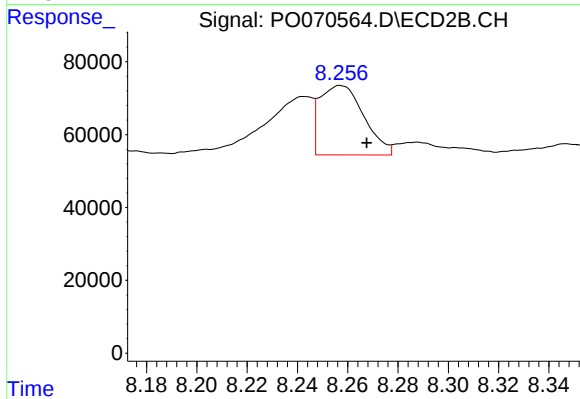
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.010 min
Response: 1258585
Conc: 156.51 ng/ml



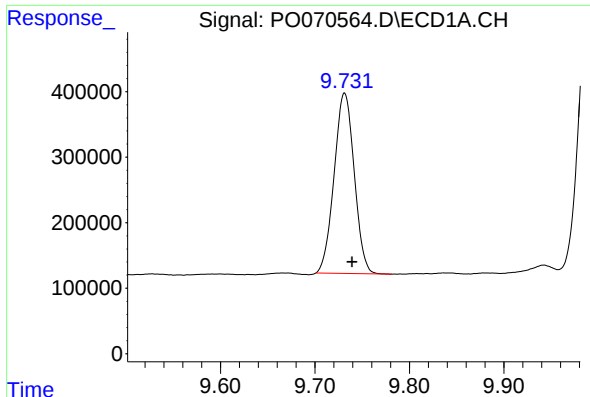
#44 AR-1268-4

R.T.: 9.398 min
Delta R.T.: -0.009 min
Response: 328616
Conc: 68.11 ng/ml



#44 AR-1268-4

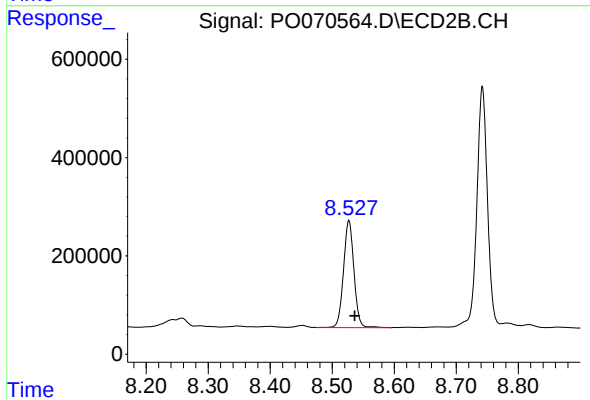
R.T.: 8.257 min
Delta R.T.: -0.010 min
Response: 230976
Conc: 70.25 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: -0.008 min
Response: 4072811
Conc: 129.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.527 min
Delta R.T.: -0.009 min
Response: 2554989
Conc: 116.71 ng/ml