

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081820\
 Data File : P0070643.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Aug 2020 16:08
 Operator : DD\AJ
 Sample : PB131037BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 17:58:06 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	1720707	981917	26.022	22.286
2)	SA Decachlor...	9.994	8.741	2002752	1295700	23.390	23.343
Target Compounds							
3)	L1 AR-1016-1	5.672	4.797	659214	550633	228.307	273.460
4)	L1 AR-1016-2	5.693	4.797	933294	550633	225.684	193.774
5)	L1 AR-1016-3	5.757	4.981	561304	303343	227.169	198.675
6)	L1 AR-1016-4	5.863	5.038	464475	257443	221.701	197.896
7)	L1 AR-1016-5	6.171	5.259	442295	311713	211.855	193.041
8)	L2 AR-1221-1	4.620	3.801	52421	34742	62.523	57.267
9)	L2 AR-1221-2	4.717	3.898	86179	49938	136.985	112.864
10)	L2 AR-1221-3	4.804	3.984	320348	193496	160.653	140.995
11)	L3 AR-1232-1	4.804	3.984	320348	193496	212.892	178.375
12)	L3 AR-1232-2	5.378	4.797	442258	550633	537.586	443.518
13)	L3 AR-1232-3	5.693	4.981	933294	303343	523.395	454.663
14)	L3 AR-1232-4	5.863	5.080	464475	273976	509.089	497.911
15)	L3 AR-1232-5	5.960	5.259	363631	311713	594.644	474.048
16)	L4 AR-1242-1	5.672	4.797	659214	550633	279.856	336.379
17)	L4 AR-1242-2	5.693	4.797	933294	550633	276.629	238.918
18)	L4 AR-1242-3	5.757	4.981	561304	303343	274.240	243.768
19)	L4 AR-1242-4	5.863	5.080	464475	273976	268.024	241.537
20)	L4 AR-1242-5	6.635	5.633	72467	263129	35.181	157.748 #
21)	L5 AR-1248-1	5.672	4.797	659214	550633	370.842	462.595
22)	L5 AR-1248-2	5.960	5.038	363631	257443	160.336	151.046
23)	L5 AR-1248-3	6.171	5.080	442295	273976	161.466	174.642
24)	L5 AR-1248-4	6.597	5.259	83889	311713	24.656	153.319 #
25)	L5 AR-1248-5	6.635	5.676	72467	40148	22.782	19.479
26)	L6 AR-1254-1	6.563	5.633	368412	263129	103.531	75.137 #
27)	L6 AR-1254-2	6.791	5.795	432592	257636	77.694	82.726
28)	L6 AR-1254-3	7.166	6.205	222531	127671	38.641	25.898 #
29)	L6 AR-1254-4	7.458	6.445	166239	63930	31.868	17.762 #
30)	L6 AR-1254-5	7.882	6.867	1578416	974710	298.777	211.917 #
31)	L7 AR-1260-1	7.330	6.341	993099	662802	238.779	205.262
32)	L7 AR-1260-2	7.596	6.541	1427902	896445	237.807	208.336
33)	L7 AR-1260-3	7.954	6.689	1008661	761328	195.978	207.935
34)	L7 AR-1260-4	8.181	7.165	1008583	591890	207.414	189.864
35)	L7 AR-1260-5	8.496	7.417	2223971	1551574	199.529	192.033
36)	L8 AR-1262-1	7.954	6.867	1008661	974710	131.691	385.575 #
37)	L8 AR-1262-2	8.496	7.417	2223971	1551574	176.531	169.379
38)	L8 AR-1262-3	8.763	7.697	413144	316829	72.161	86.580
39)	L8 AR-1262-4	8.828f	7.758	711480	1063643	225.137	168.674 #
40)	L8 AR-1262-5	9.399	8.257	489875	338916	118.551	118.088
41)	L9 AR-1268-1	8.763	7.697	413144	316829	26.065	28.208

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 ALS Vial : 19 Sample Multiplier: 1

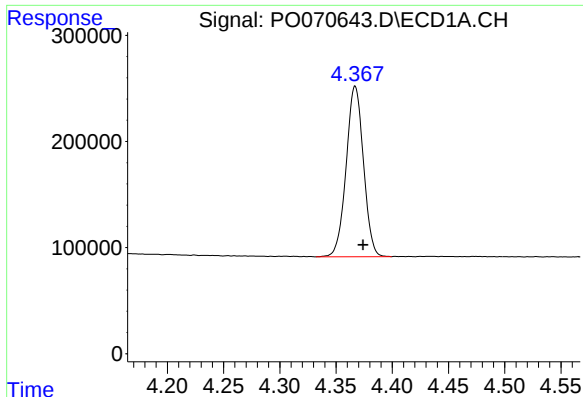
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 17:58:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080620.M
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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	8.828f	7.758f	711480	1063643	52.302	110.263 #
43) L9	AR-1268-3	9.029	7.962	38887	38603	3.341	4.800 #
44) L9	AR-1268-4	9.399	8.257	489875	338916	101.534	103.085
45) L9	AR-1268-5	9.730	8.525	142726	108847	4.543	4.972

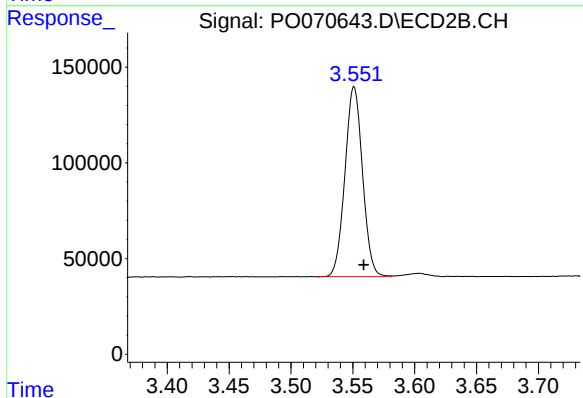
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

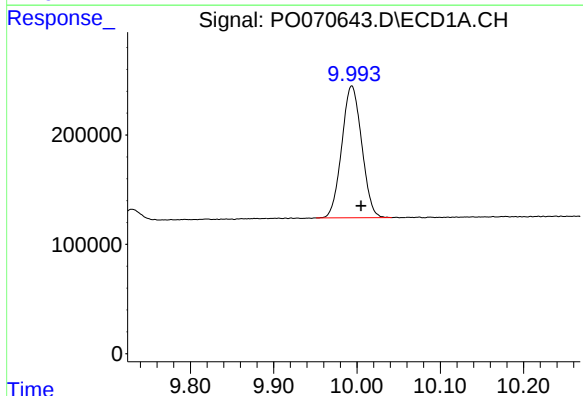
R.T.: 4.367 min
Delta R.T.: -0.007 min
Response: 1720707
Conc: 26.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



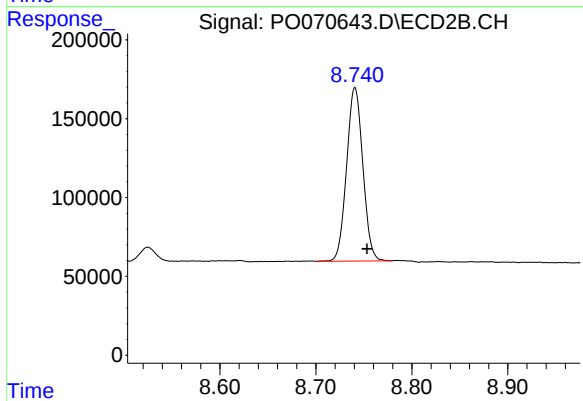
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.008 min
Response: 981917
Conc: 22.29 ng/ml



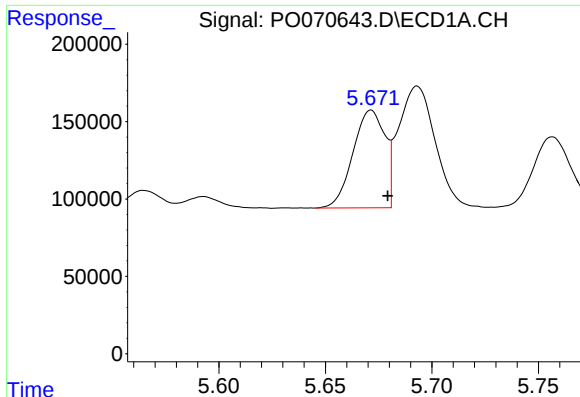
#2 Decachlorobiphenyl

R.T.: 9.994 min
Delta R.T.: -0.011 min
Response: 2002752
Conc: 23.39 ng/ml



#2 Decachlorobiphenyl

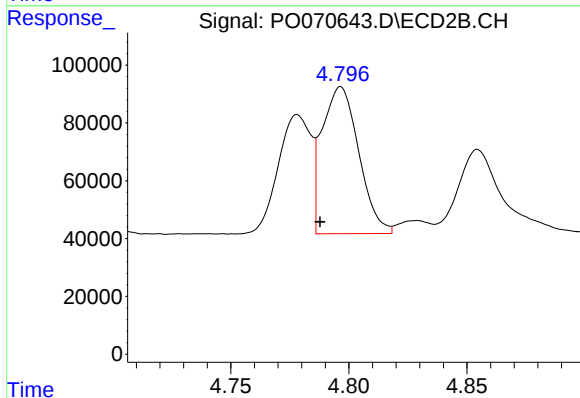
R.T.: 8.741 min
Delta R.T.: -0.013 min
Response: 1295700
Conc: 23.34 ng/ml



#3 AR-1016-1

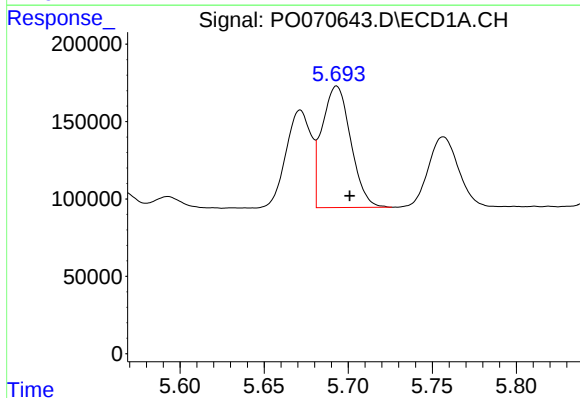
R.T.: 5.672 min
Delta R.T.: -0.008 min
Response: 659214
Conc: 228.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



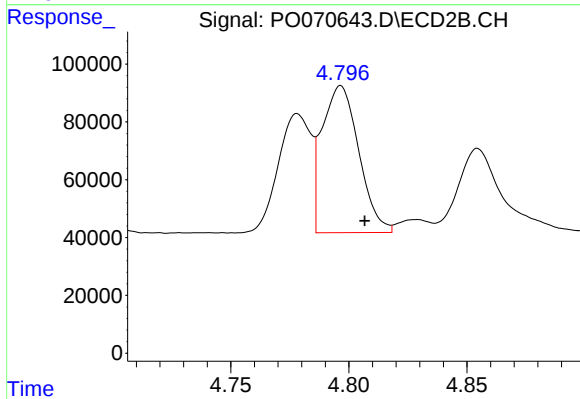
#3 AR-1016-1

R.T.: 4.797 min
Delta R.T.: 0.009 min
Response: 550633
Conc: 273.46 ng/ml



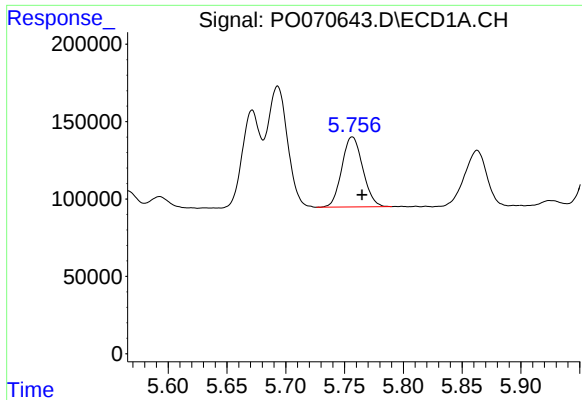
#4 AR-1016-2

R.T.: 5.693 min
Delta R.T.: -0.008 min
Response: 933294
Conc: 225.68 ng/ml



#4 AR-1016-2

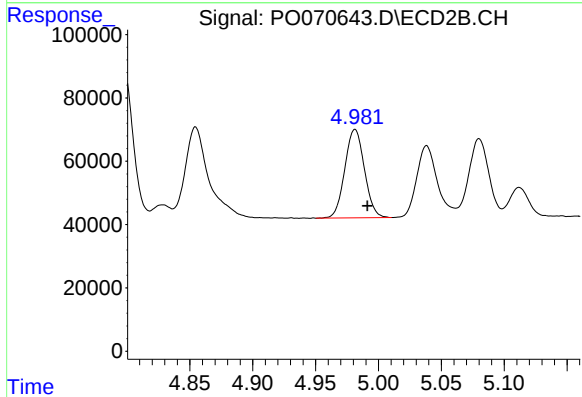
R.T.: 4.797 min
Delta R.T.: -0.010 min
Response: 550633
Conc: 193.77 ng/ml



#5 AR-1016-3

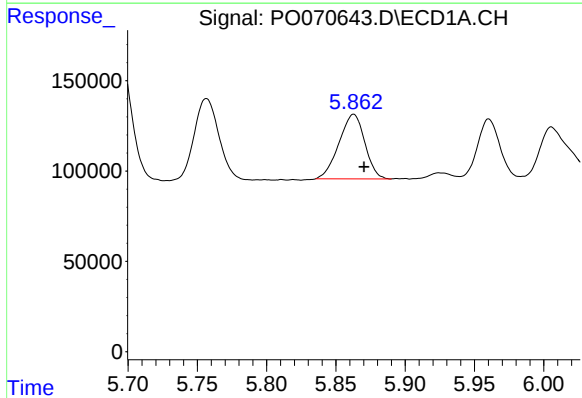
R.T.: 5.757 min
Delta R.T.: -0.008 min
Response: 561304
Conc: 227.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



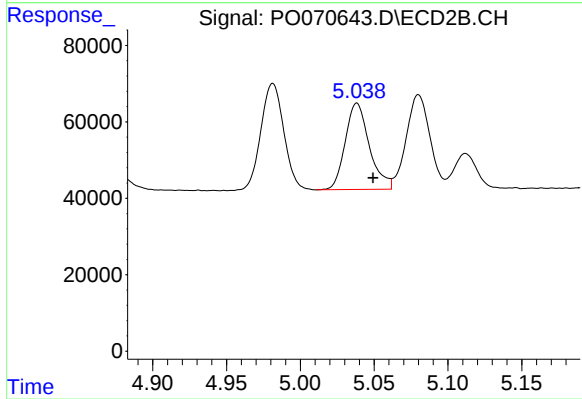
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: -0.010 min
Response: 303343
Conc: 198.67 ng/ml



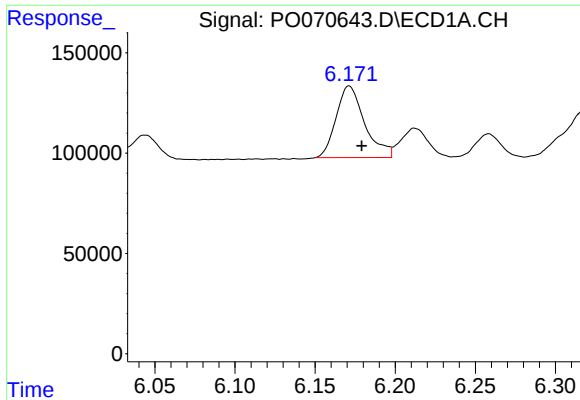
#6 AR-1016-4

R.T.: 5.863 min
Delta R.T.: -0.008 min
Response: 464475
Conc: 221.70 ng/ml



#6 AR-1016-4

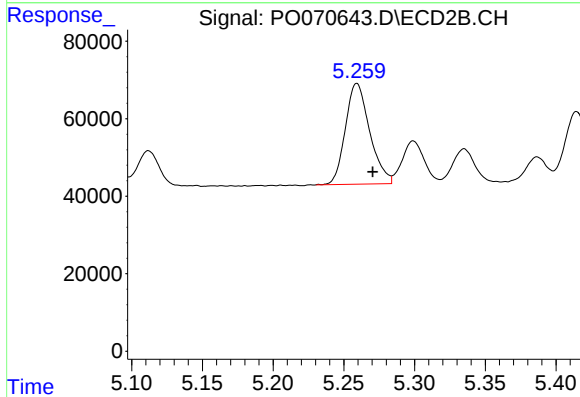
R.T.: 5.038 min
Delta R.T.: -0.011 min
Response: 257443
Conc: 197.90 ng/ml



#7 AR-1016-5

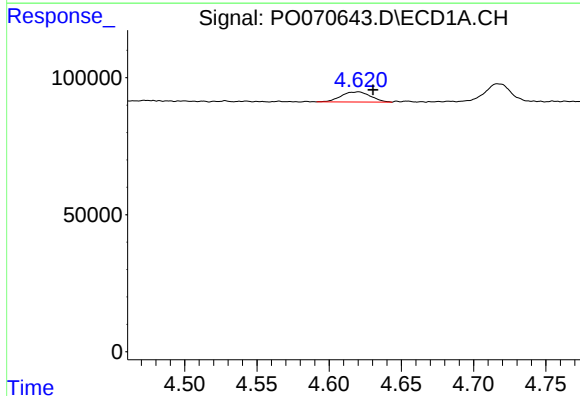
R.T.: 6.171 min
Delta R.T.: -0.008 min
Response: 442295
Conc: 211.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



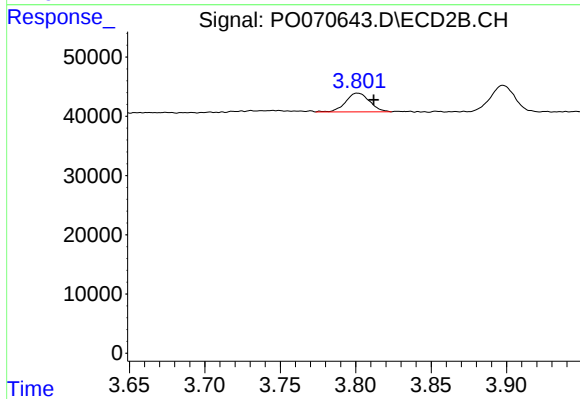
#7 AR-1016-5

R.T.: 5.259 min
Delta R.T.: -0.011 min
Response: 311713
Conc: 193.04 ng/ml



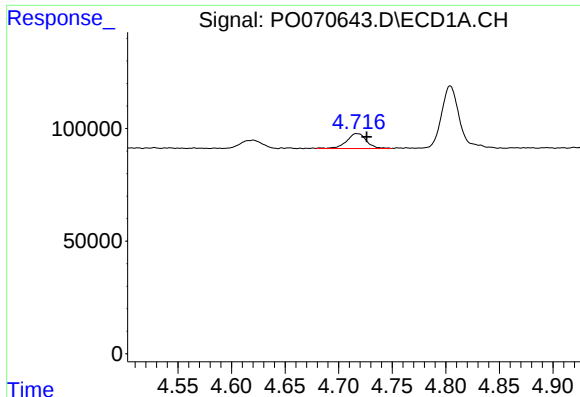
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: -0.010 min
Response: 52421
Conc: 62.52 ng/ml



#8 AR-1221-1

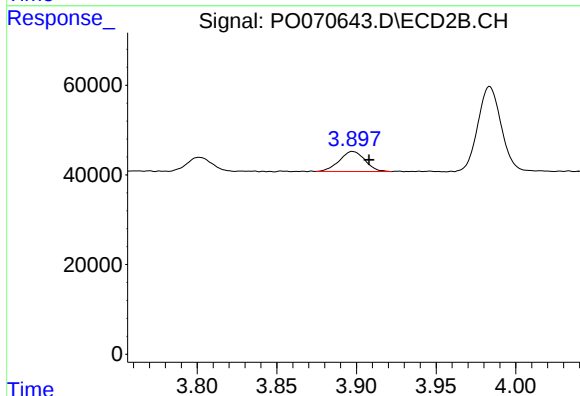
R.T.: 3.801 min
Delta R.T.: -0.011 min
Response: 34742
Conc: 57.27 ng/ml



#9 AR-1221-2

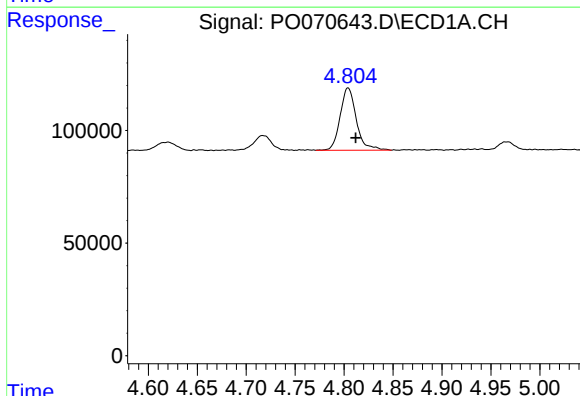
R.T.: 4.717 min
Delta R.T.: -0.010 min
Response: 86179
Conc: 136.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



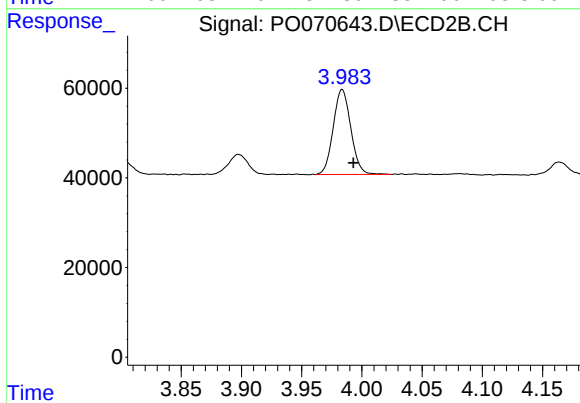
#9 AR-1221-2

R.T.: 3.898 min
Delta R.T.: -0.011 min
Response: 49938
Conc: 112.86 ng/ml



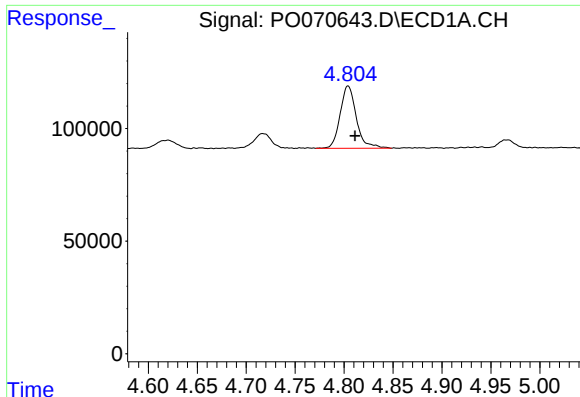
#10 AR-1221-3

R.T.: 4.804 min
Delta R.T.: -0.008 min
Response: 320348
Conc: 160.65 ng/ml



#10 AR-1221-3

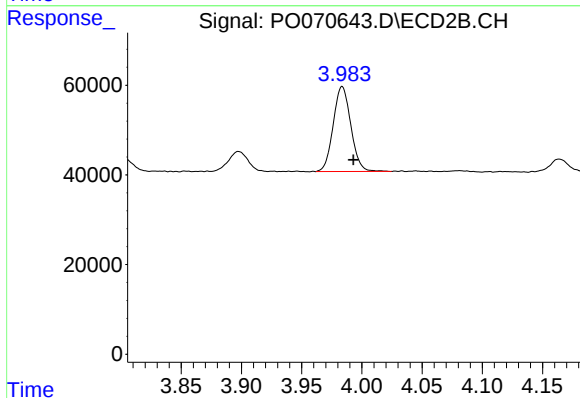
R.T.: 3.984 min
Delta R.T.: -0.009 min
Response: 193496
Conc: 141.00 ng/ml



#11 AR-1232-1

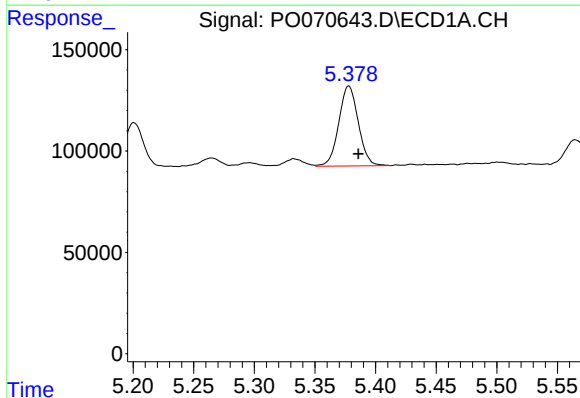
R.T.: 4.804 min
Delta R.T.: -0.007 min
Response: 320348
Conc: 212.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



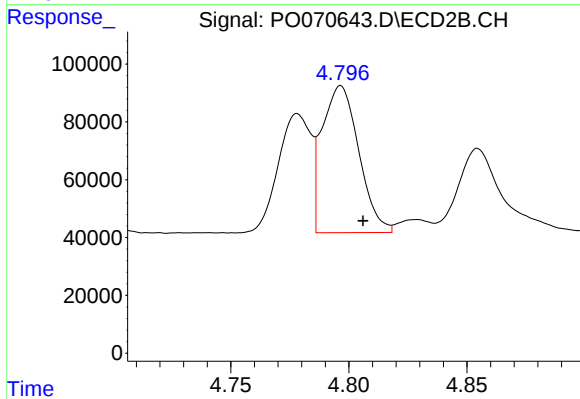
#11 AR-1232-1

R.T.: 3.984 min
Delta R.T.: -0.009 min
Response: 193496
Conc: 178.38 ng/ml



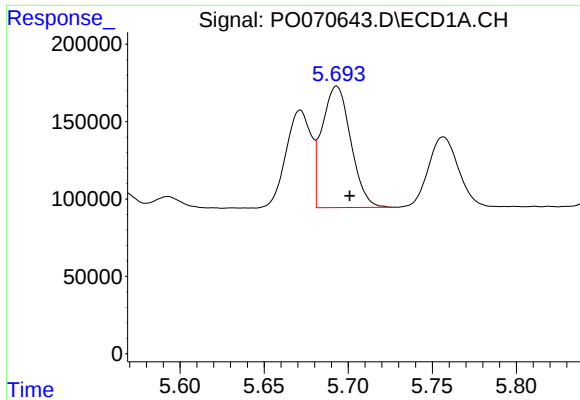
#12 AR-1232-2

R.T.: 5.378 min
Delta R.T.: -0.008 min
Response: 442258
Conc: 537.59 ng/ml



#12 AR-1232-2

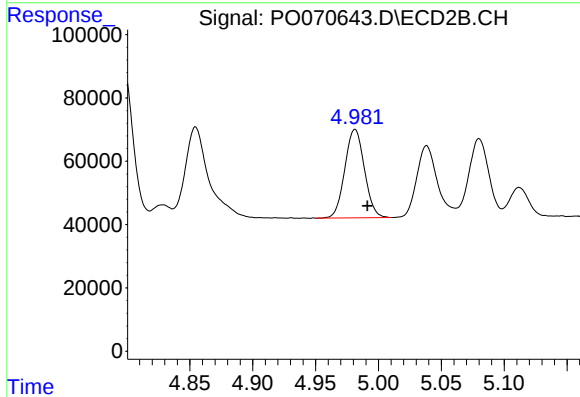
R.T.: 4.797 min
Delta R.T.: -0.009 min
Response: 550633
Conc: 443.52 ng/ml



#13 AR-1232-3

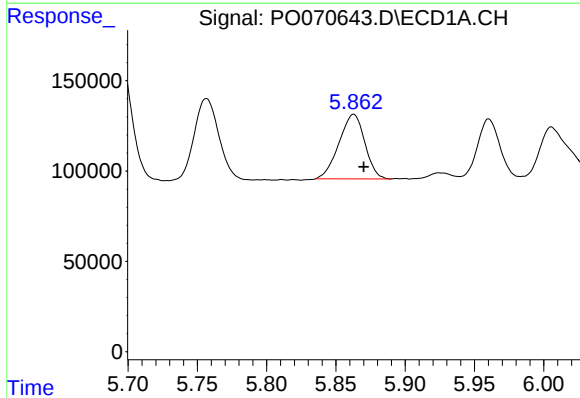
R.T.: 5.693 min
Delta R.T.: -0.008 min
Response: 933294
Conc: 523.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



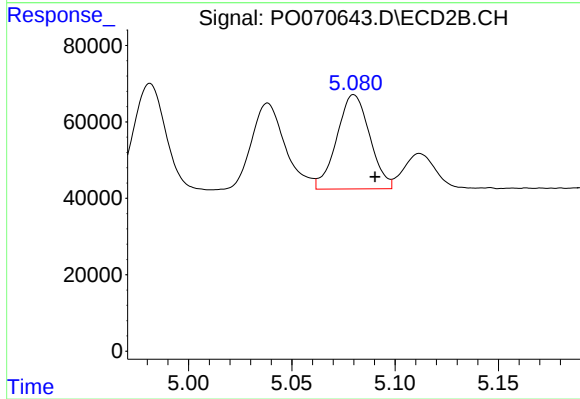
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.010 min
Response: 303343
Conc: 454.66 ng/ml



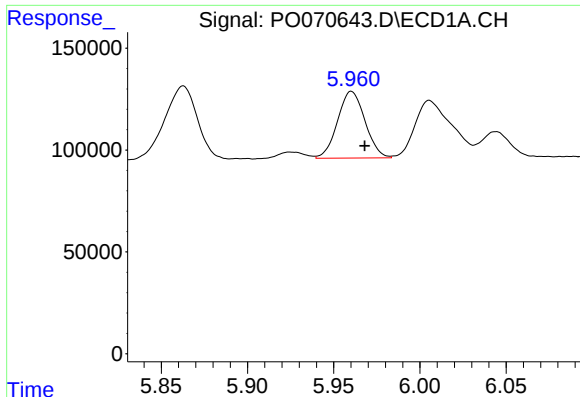
#14 AR-1232-4

R.T.: 5.863 min
Delta R.T.: -0.007 min
Response: 464475
Conc: 509.09 ng/ml



#14 AR-1232-4

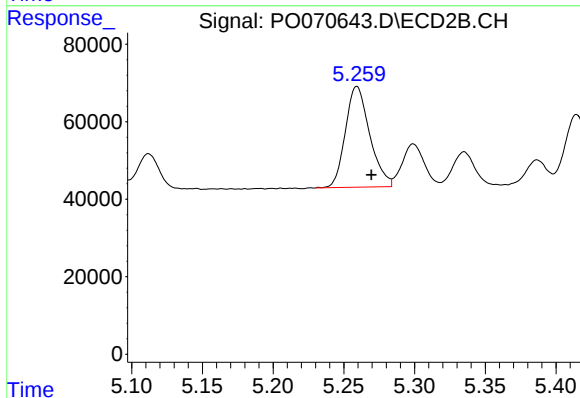
R.T.: 5.080 min
Delta R.T.: -0.010 min
Response: 273976
Conc: 497.91 ng/ml



#15 AR-1232-5

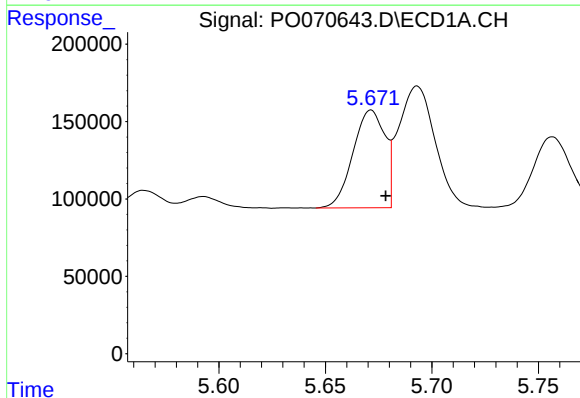
R.T.: 5.960 min
Delta R.T.: -0.008 min
Response: 363631
Conc: 594.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



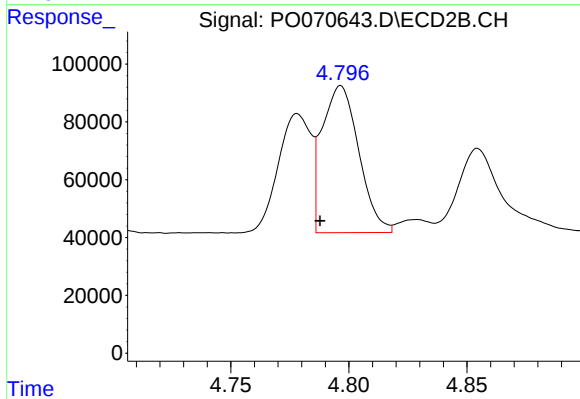
#15 AR-1232-5

R.T.: 5.259 min
Delta R.T.: -0.010 min
Response: 311713
Conc: 474.05 ng/ml



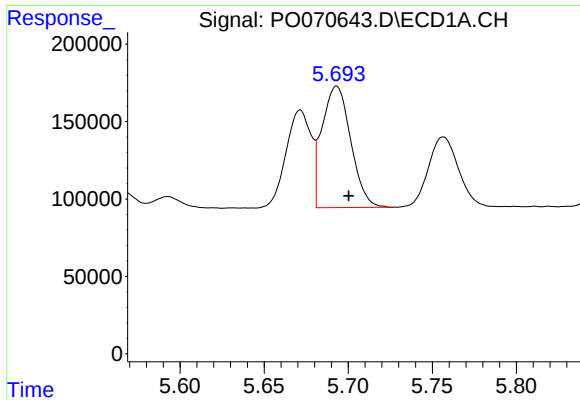
#16 AR-1242-1

R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 659214
Conc: 279.86 ng/ml



#16 AR-1242-1

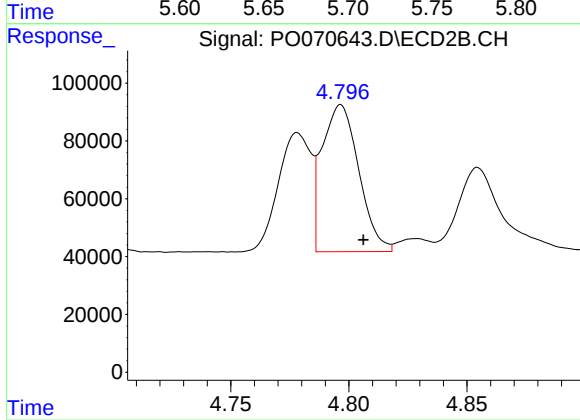
R.T.: 4.797 min
Delta R.T.: 0.009 min
Response: 550633
Conc: 336.38 ng/ml



#17 AR-1242-2

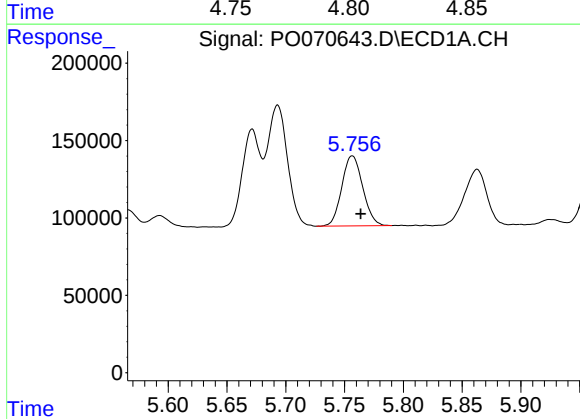
R.T.: 5.693 min
Delta R.T.: -0.007 min
Response: 933294
Conc: 276.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



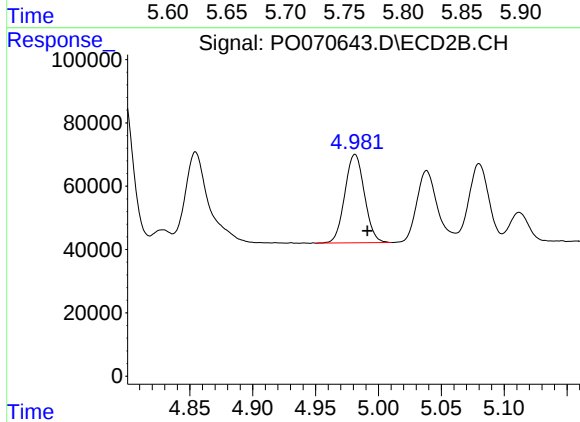
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.010 min
Response: 550633
Conc: 238.92 ng/ml



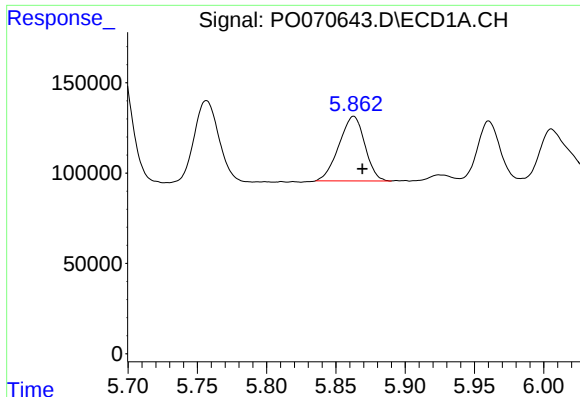
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: -0.007 min
Response: 561304
Conc: 274.24 ng/ml



#18 AR-1242-3

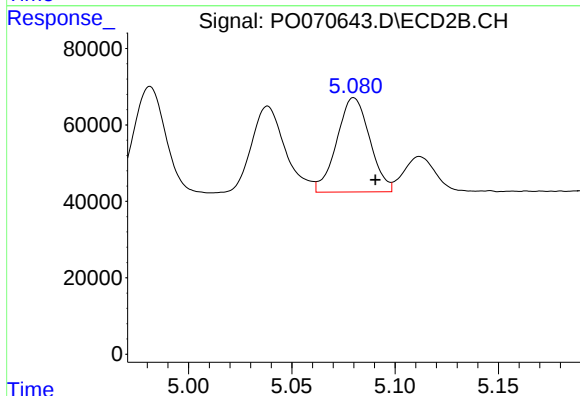
R.T.: 4.981 min
Delta R.T.: -0.010 min
Response: 303343
Conc: 243.77 ng/ml



#19 AR-1242-4

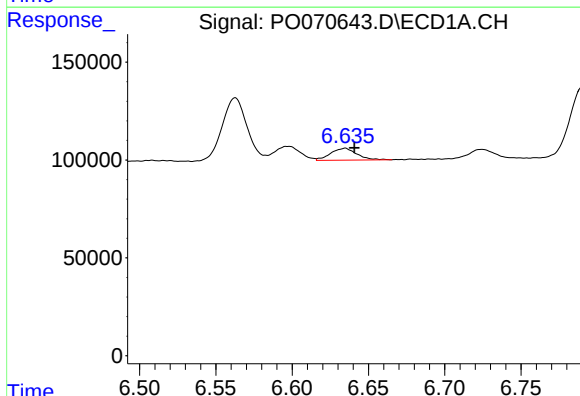
R.T.: 5.863 min
Delta R.T.: -0.006 min
Response: 464475
Conc: 268.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



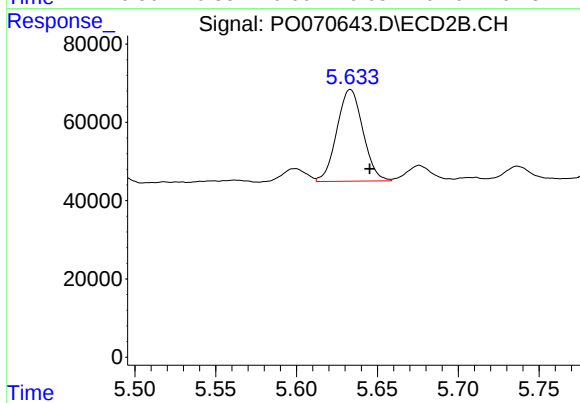
#19 AR-1242-4

R.T.: 5.080 min
Delta R.T.: -0.010 min
Response: 273976
Conc: 241.54 ng/ml



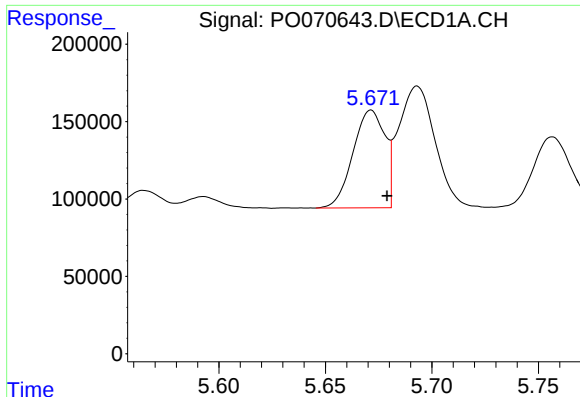
#20 AR-1242-5

R.T.: 6.635 min
Delta R.T.: -0.006 min
Response: 72467
Conc: 35.18 ng/ml



#20 AR-1242-5

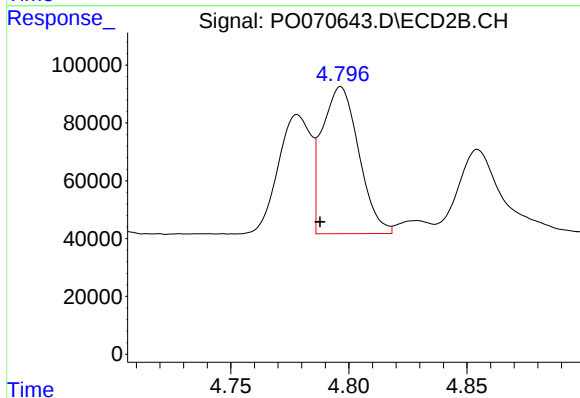
R.T.: 5.633 min
Delta R.T.: -0.012 min
Response: 263129
Conc: 157.75 ng/ml



#21 AR-1248-1

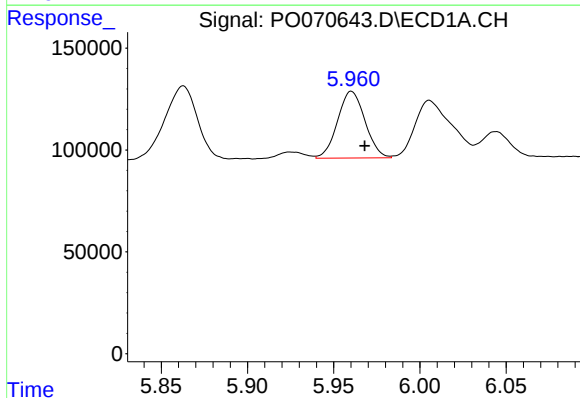
R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 659214
Conc: 370.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



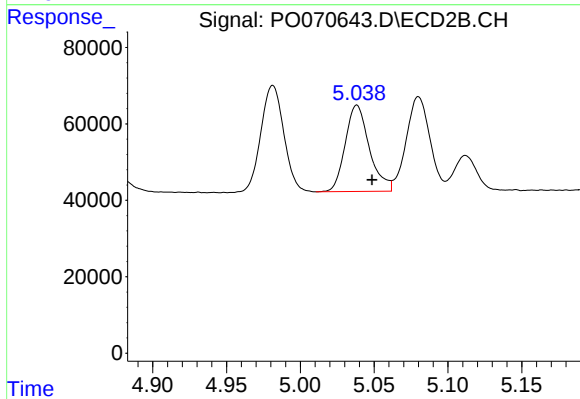
#21 AR-1248-1

R.T.: 4.797 min
Delta R.T.: 0.009 min
Response: 550633
Conc: 462.60 ng/ml



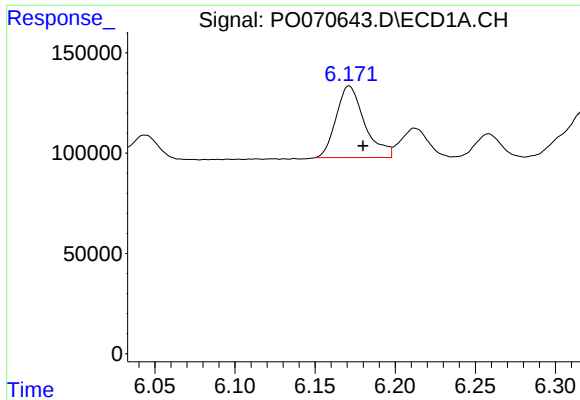
#22 AR-1248-2

R.T.: 5.960 min
Delta R.T.: -0.008 min
Response: 363631
Conc: 160.34 ng/ml



#22 AR-1248-2

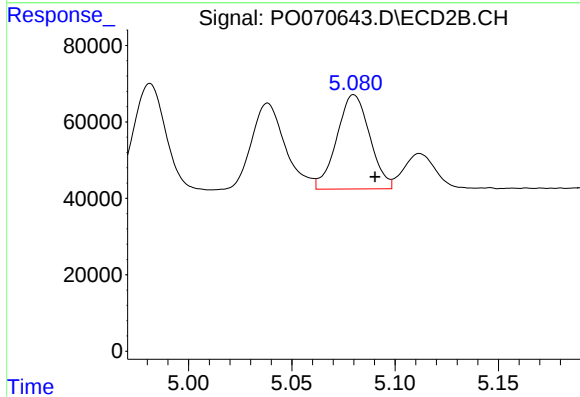
R.T.: 5.038 min
Delta R.T.: -0.010 min
Response: 257443
Conc: 151.05 ng/ml



#23 AR-1248-3

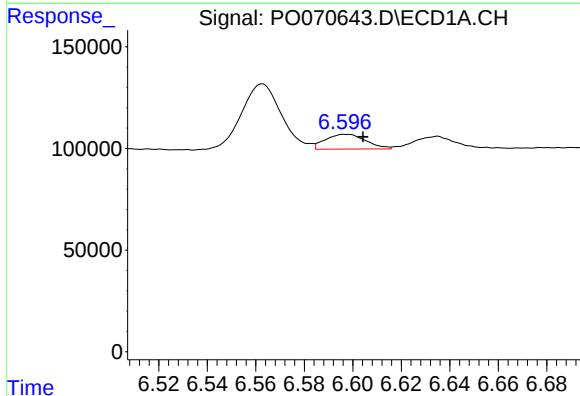
R.T.: 6.171 min
Delta R.T.: -0.009 min
Response: 442295
Conc: 161.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



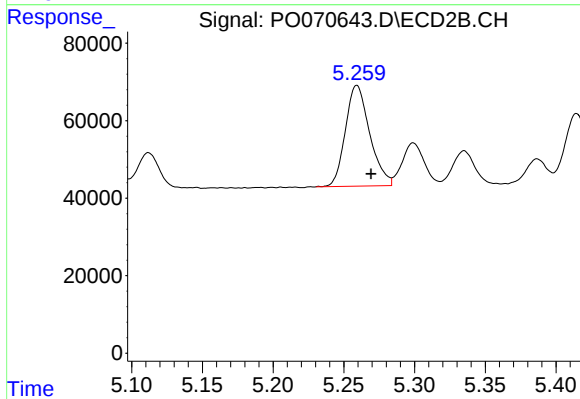
#23 AR-1248-3

R.T.: 5.080 min
Delta R.T.: -0.010 min
Response: 273976
Conc: 174.64 ng/ml



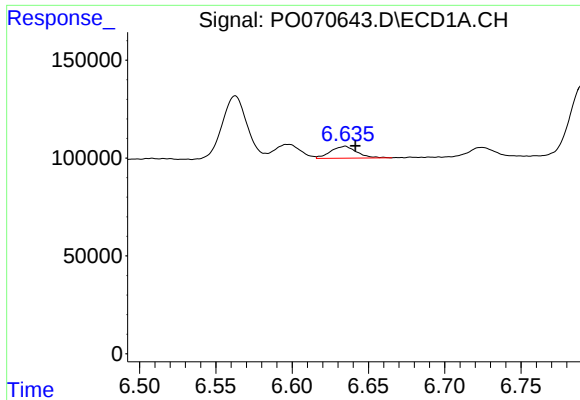
#24 AR-1248-4

R.T.: 6.597 min
Delta R.T.: -0.007 min
Response: 83889
Conc: 24.66 ng/ml



#24 AR-1248-4

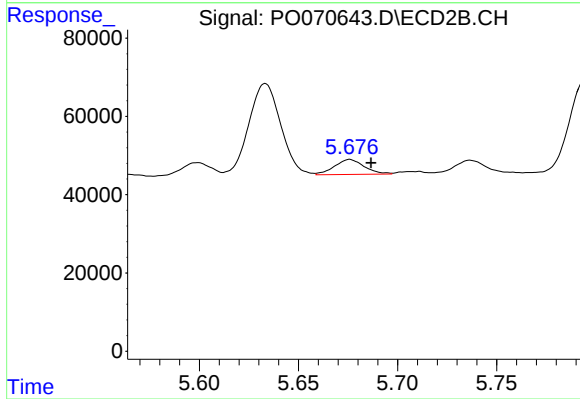
R.T.: 5.259 min
Delta R.T.: -0.010 min
Response: 311713
Conc: 153.32 ng/ml



#25 AR-1248-5

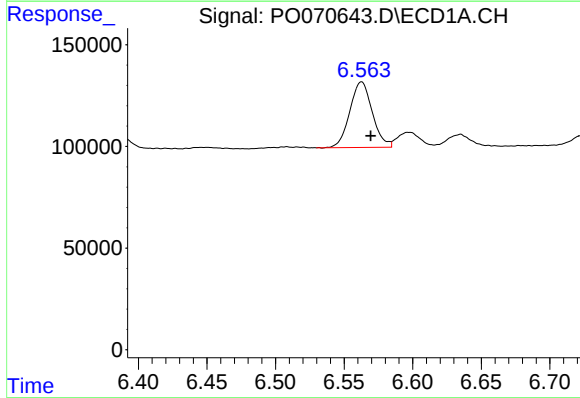
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 72467
Conc: 22.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



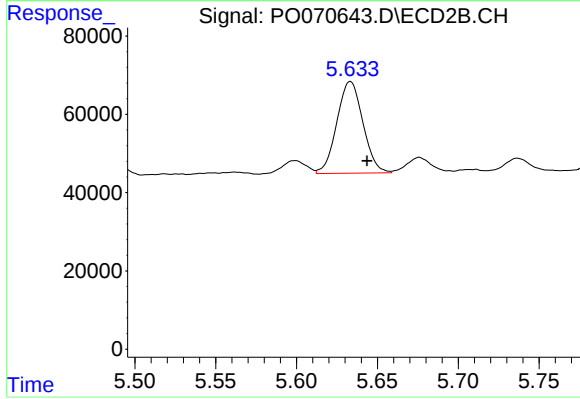
#25 AR-1248-5

R.T.: 5.676 min
Delta R.T.: -0.011 min
Response: 40148
Conc: 19.48 ng/ml



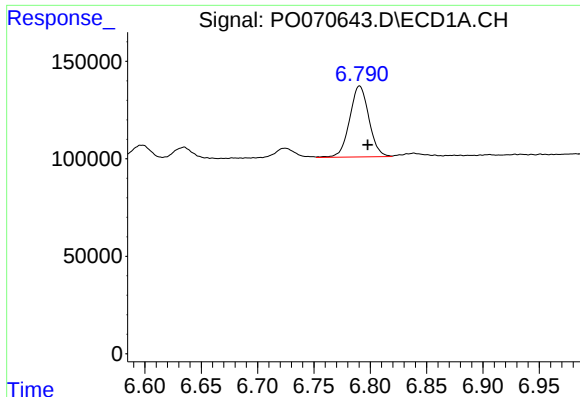
#26 AR-1254-1

R.T.: 6.563 min
Delta R.T.: -0.007 min
Response: 368412
Conc: 103.53 ng/ml



#26 AR-1254-1

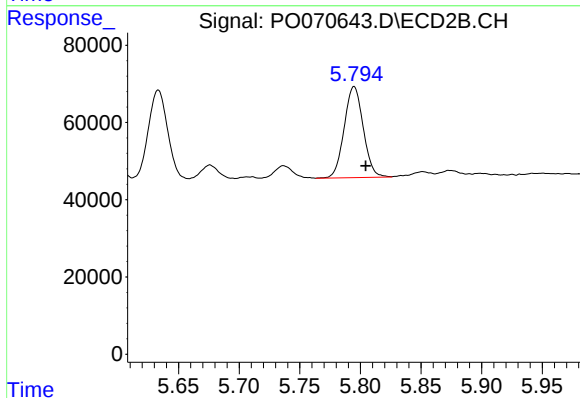
R.T.: 5.633 min
Delta R.T.: -0.010 min
Response: 263129
Conc: 75.14 ng/ml



#27 AR-1254-2

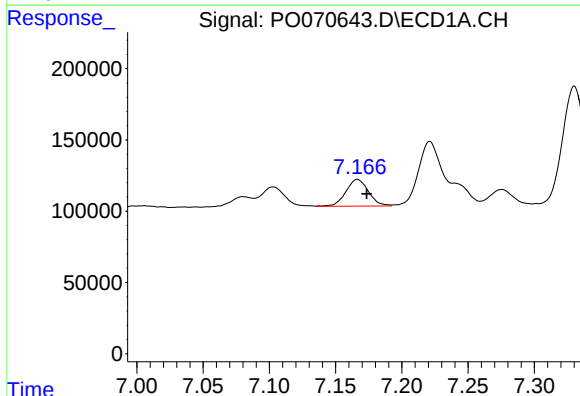
R.T.: 6.791 min
Delta R.T.: -0.007 min
Response: 432592
Conc: 77.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



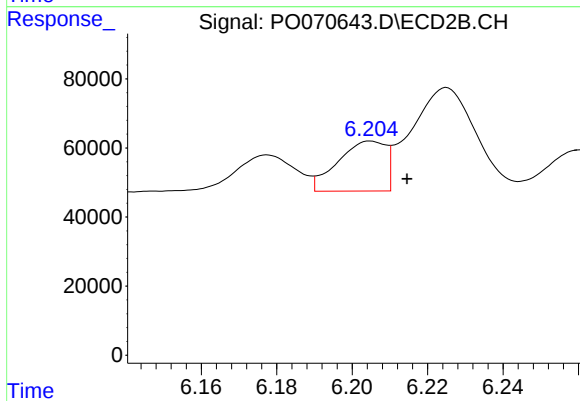
#27 AR-1254-2

R.T.: 5.795 min
Delta R.T.: -0.010 min
Response: 257636
Conc: 82.73 ng/ml



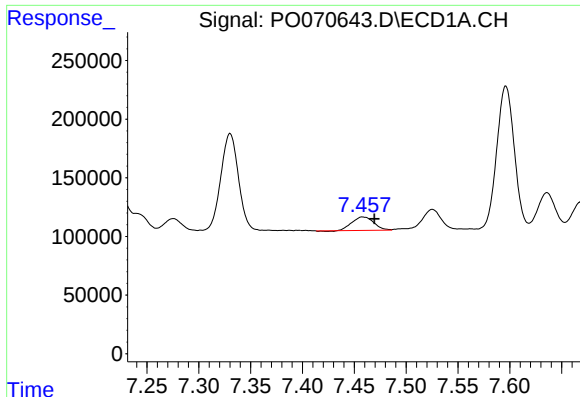
#28 AR-1254-3

R.T.: 7.166 min
Delta R.T.: -0.007 min
Response: 222531
Conc: 38.64 ng/ml



#28 AR-1254-3

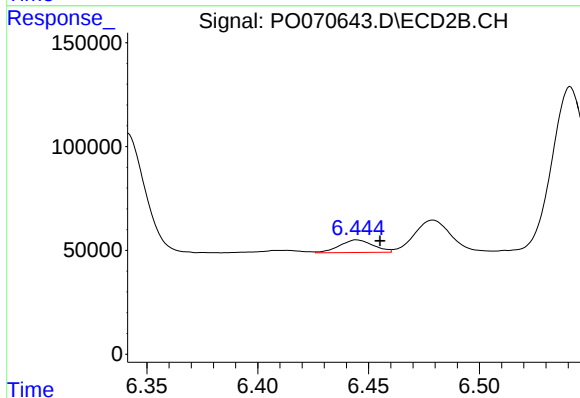
R.T.: 6.205 min
Delta R.T.: -0.010 min
Response: 127671
Conc: 25.90 ng/ml



#29 AR-1254-4

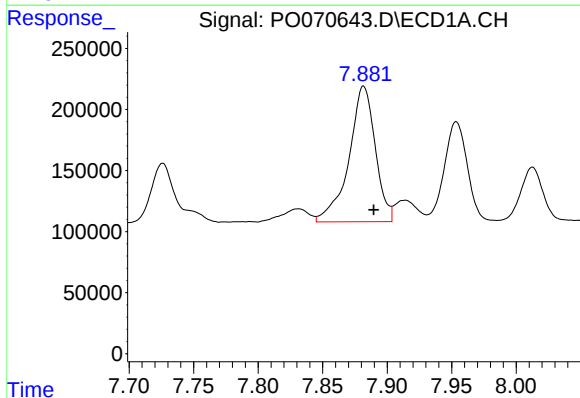
R.T.: 7.458 min
Delta R.T.: -0.011 min
Response: 166239
Conc: 31.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



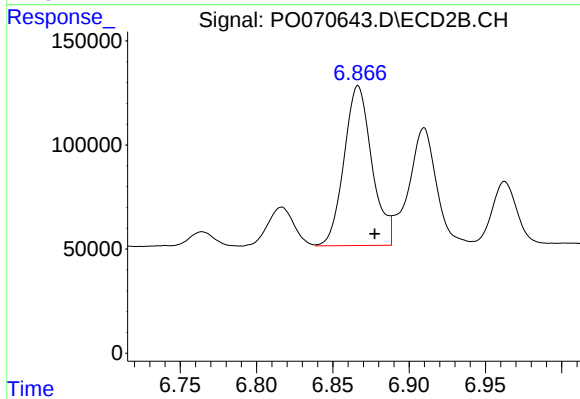
#29 AR-1254-4

R.T.: 6.445 min
Delta R.T.: -0.010 min
Response: 63930
Conc: 17.76 ng/ml



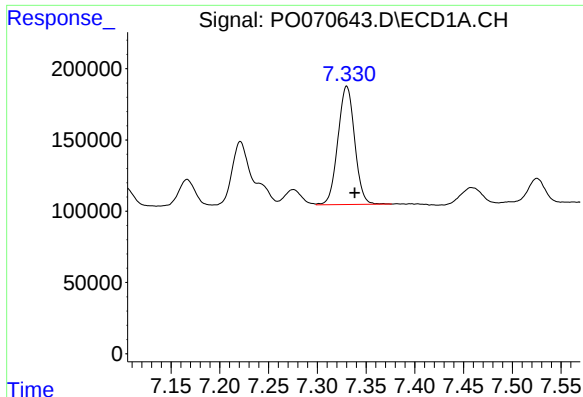
#30 AR-1254-5

R.T.: 7.882 min
Delta R.T.: -0.008 min
Response: 1578416
Conc: 298.78 ng/ml



#30 AR-1254-5

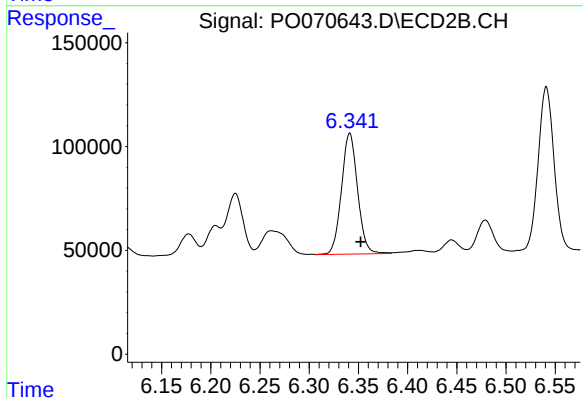
R.T.: 6.867 min
Delta R.T.: -0.011 min
Response: 974710
Conc: 211.92 ng/ml



#31 AR-1260-1

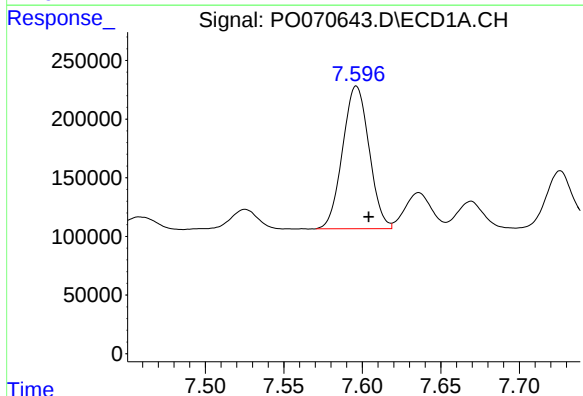
R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 993099
Conc: 238.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



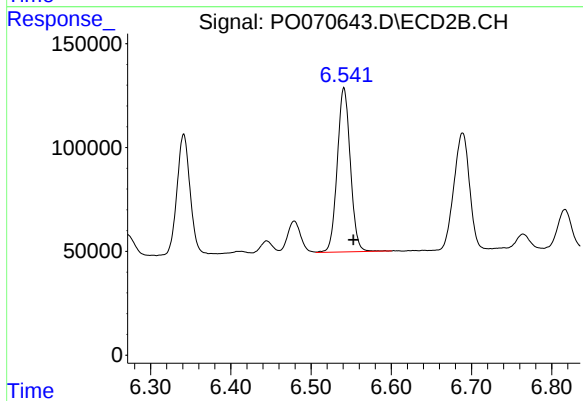
#31 AR-1260-1

R.T.: 6.341 min
Delta R.T.: -0.011 min
Response: 662802
Conc: 205.26 ng/ml



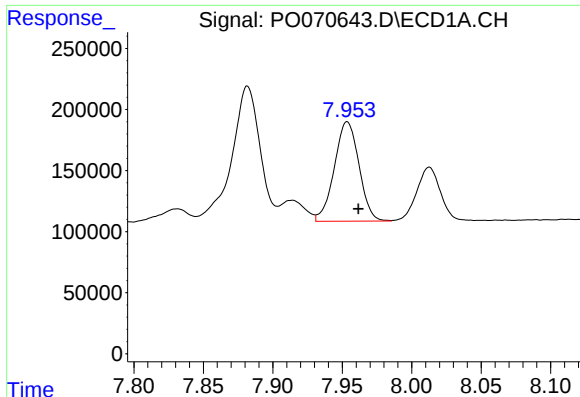
#32 AR-1260-2

R.T.: 7.596 min
Delta R.T.: -0.008 min
Response: 1427902
Conc: 237.81 ng/ml



#32 AR-1260-2

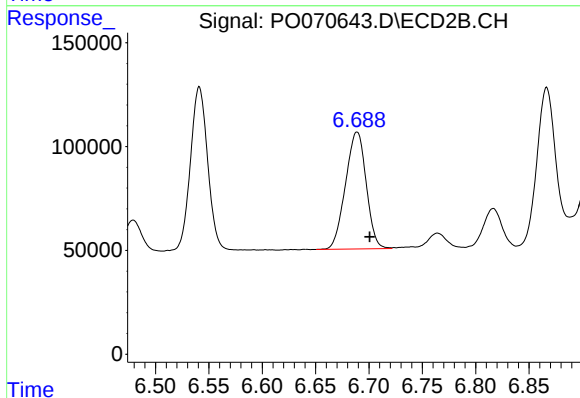
R.T.: 6.541 min
Delta R.T.: -0.012 min
Response: 896445
Conc: 208.34 ng/ml



#33 AR-1260-3

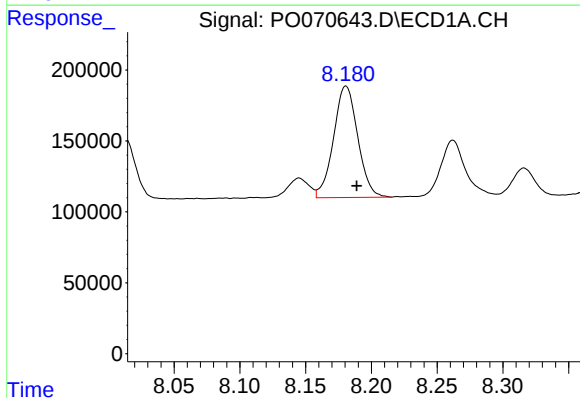
R.T.: 7.954 min
Delta R.T.: -0.008 min
Response: 1008661
Conc: 195.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



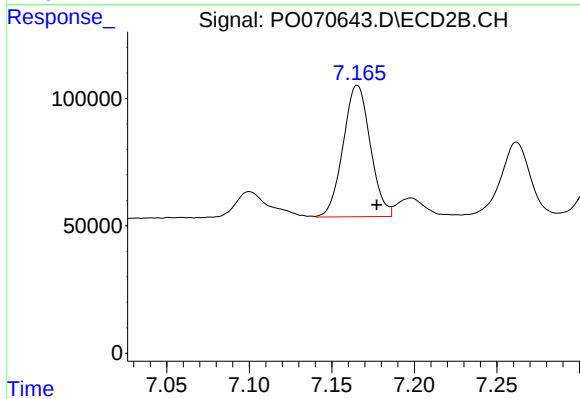
#33 AR-1260-3

R.T.: 6.689 min
Delta R.T.: -0.012 min
Response: 761328
Conc: 207.94 ng/ml



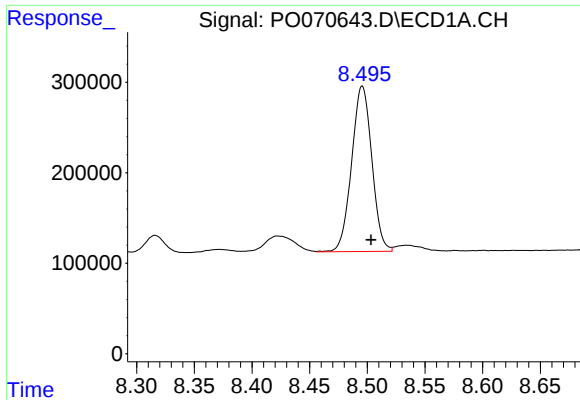
#34 AR-1260-4

R.T.: 8.181 min
Delta R.T.: -0.008 min
Response: 1008583
Conc: 207.41 ng/ml



#34 AR-1260-4

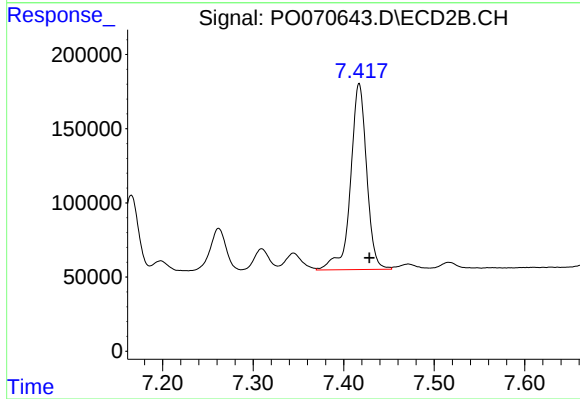
R.T.: 7.165 min
Delta R.T.: -0.012 min
Response: 591890
Conc: 189.86 ng/ml



#35 AR-1260-5

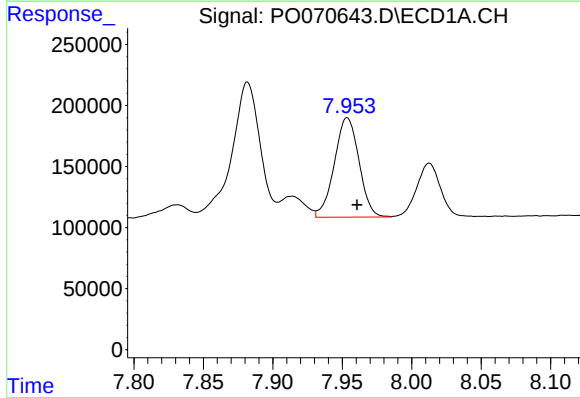
R.T.: 8.496 min
Delta R.T.: -0.008 min
Response: 2223971
Conc: 199.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



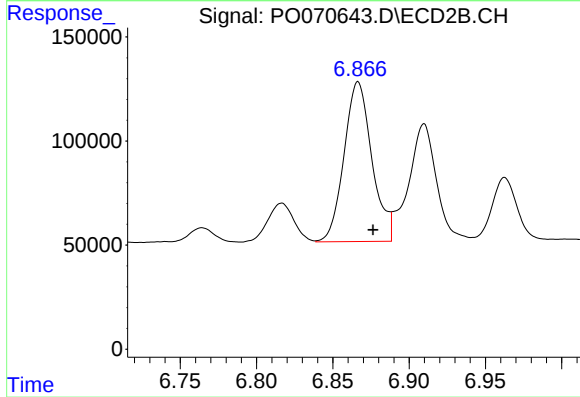
#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: -0.011 min
Response: 1551574
Conc: 192.03 ng/ml



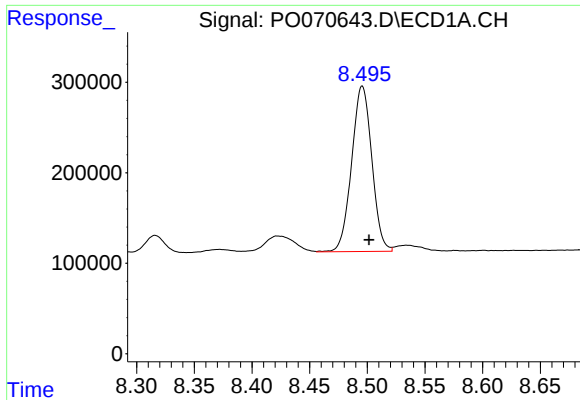
#36 AR-1262-1

R.T.: 7.954 min
Delta R.T.: -0.007 min
Response: 1008661
Conc: 131.69 ng/ml



#36 AR-1262-1

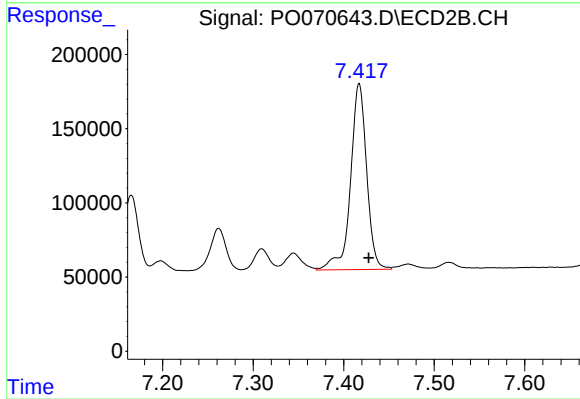
R.T.: 6.867 min
Delta R.T.: -0.010 min
Response: 974710
Conc: 385.58 ng/ml



#37 AR-1262-2

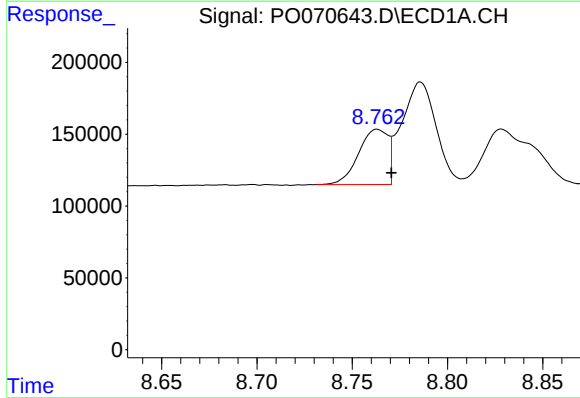
R.T.: 8.496 min
Delta R.T.: -0.006 min
Response: 2223971
Conc: 176.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



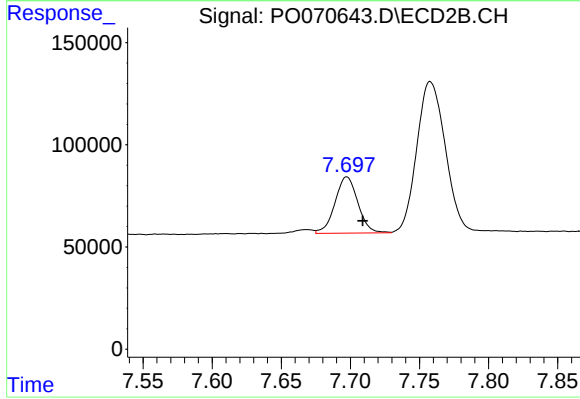
#37 AR-1262-2

R.T.: 7.417 min
Delta R.T.: -0.010 min
Response: 1551574
Conc: 169.38 ng/ml



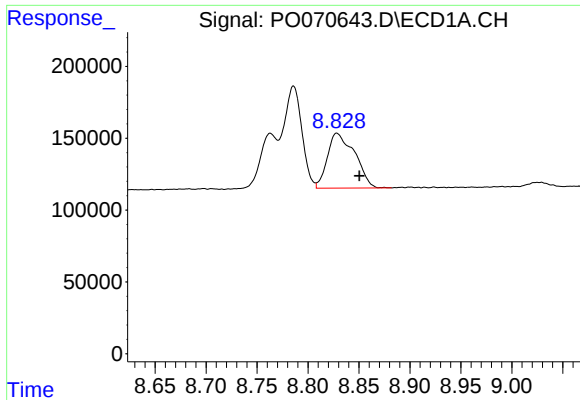
#38 AR-1262-3

R.T.: 8.763 min
Delta R.T.: -0.007 min
Response: 413144
Conc: 72.16 ng/ml



#38 AR-1262-3

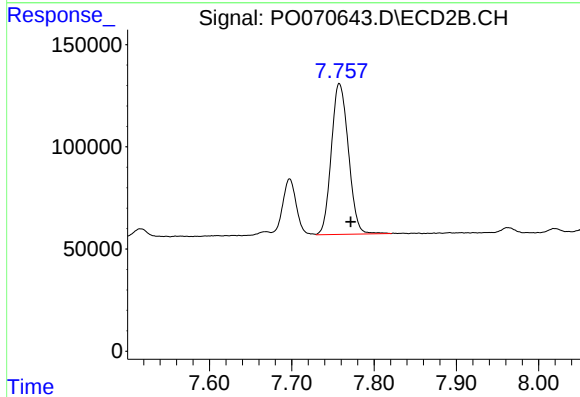
R.T.: 7.697 min
Delta R.T.: -0.011 min
Response: 316829
Conc: 86.58 ng/ml



#39 AR-1262-4

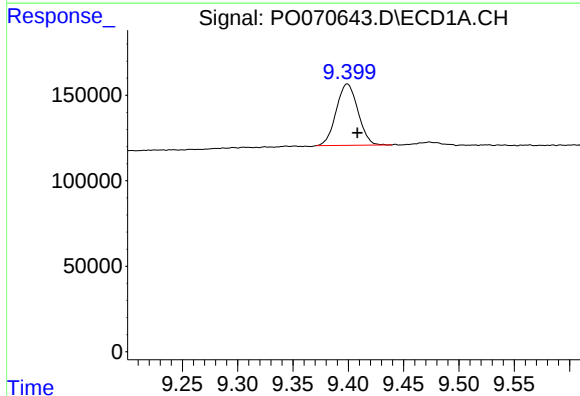
R.T.: 8.828 min
Delta R.T.: -0.022 min
Response: 711480
Conc: 225.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



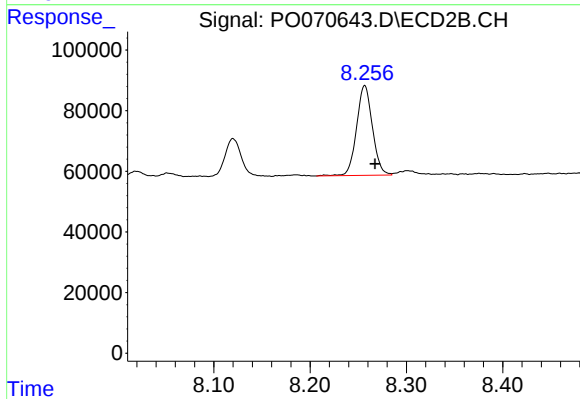
#39 AR-1262-4

R.T.: 7.758 min
Delta R.T.: -0.014 min
Response: 1063643
Conc: 168.67 ng/ml



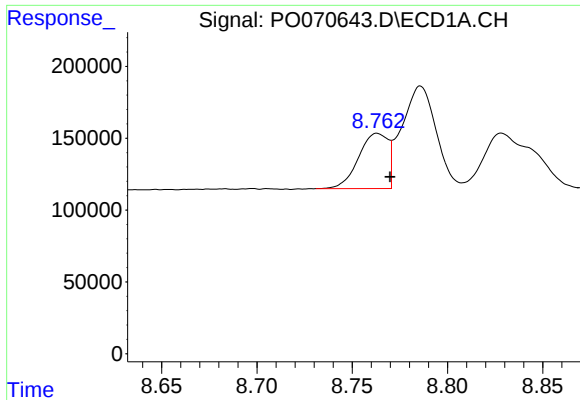
#40 AR-1262-5

R.T.: 9.399 min
Delta R.T.: -0.009 min
Response: 489875
Conc: 118.55 ng/ml



#40 AR-1262-5

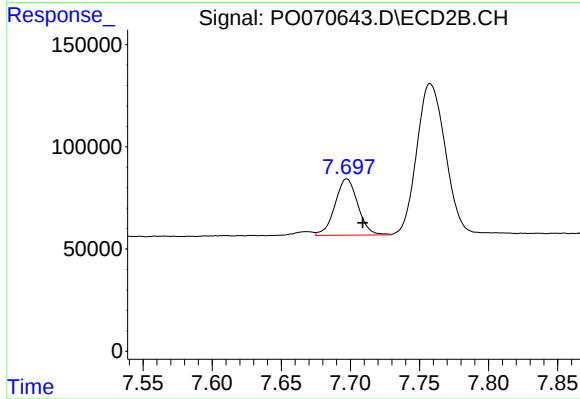
R.T.: 8.257 min
Delta R.T.: -0.011 min
Response: 338916
Conc: 118.09 ng/ml



#41 AR-1268-1

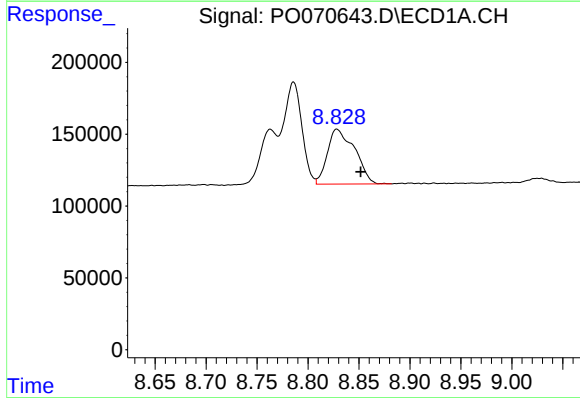
R.T.: 8.763 min
Delta R.T.: -0.007 min
Response: 413144
Conc: 26.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



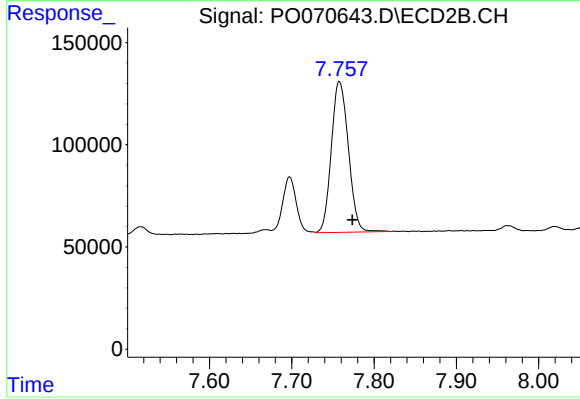
#41 AR-1268-1

R.T.: 7.697 min
Delta R.T.: -0.012 min
Response: 316829
Conc: 28.21 ng/ml



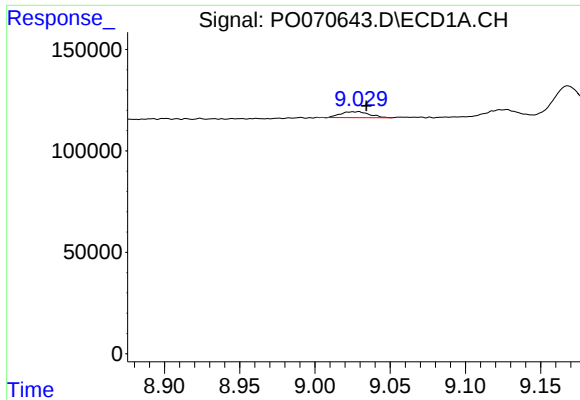
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: -0.023 min
Response: 711480
Conc: 52.30 ng/ml



#42 AR-1268-2

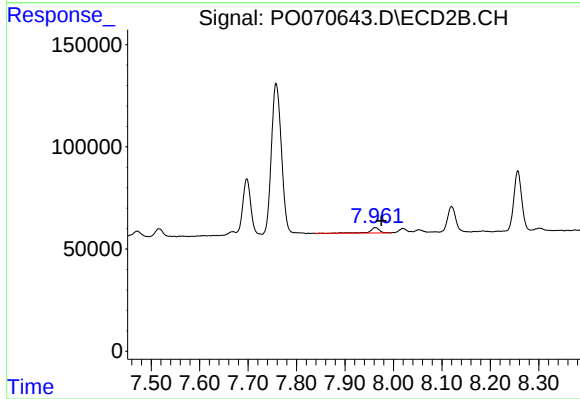
R.T.: 7.758 min
Delta R.T.: -0.016 min
Response: 1063643
Conc: 110.26 ng/ml



#43 AR-1268-3

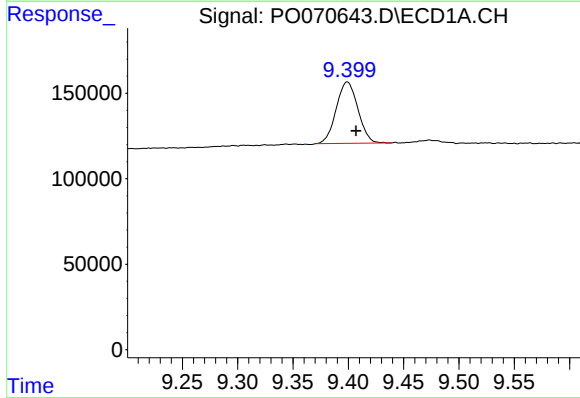
R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 38887
Conc: 3.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



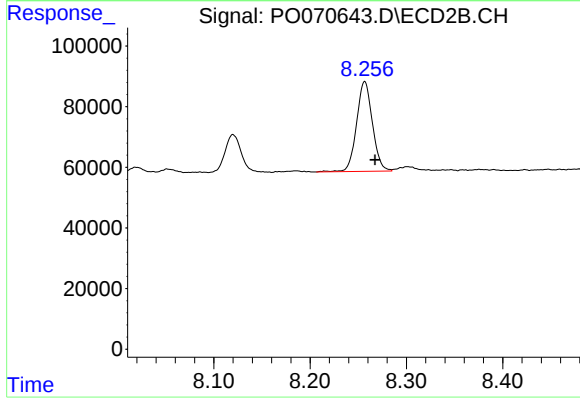
#43 AR-1268-3

R.T.: 7.962 min
Delta R.T.: -0.012 min
Response: 38603
Conc: 4.80 ng/ml



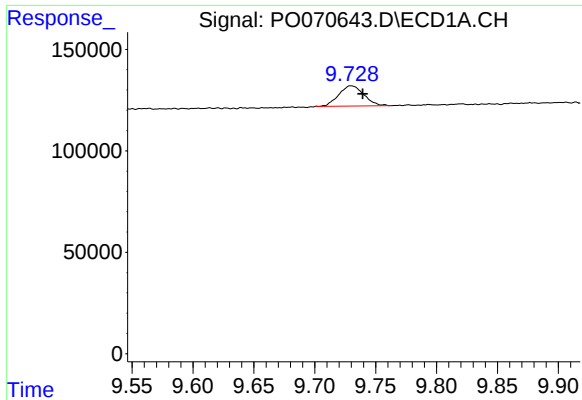
#44 AR-1268-4

R.T.: 9.399 min
Delta R.T.: -0.008 min
Response: 489875
Conc: 101.53 ng/ml



#44 AR-1268-4

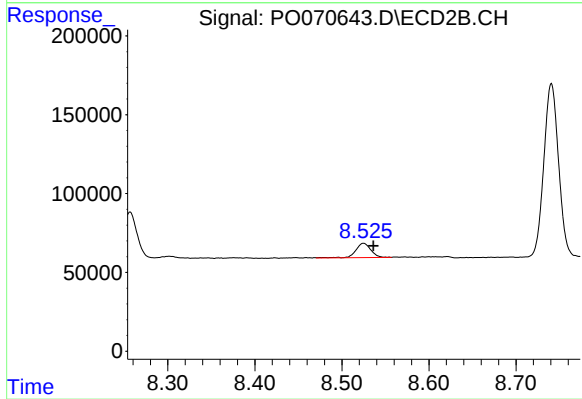
R.T.: 8.257 min
Delta R.T.: -0.011 min
Response: 338916
Conc: 103.09 ng/ml



#45 AR-1268-5

R.T.: 9.730 min
Delta R.T.: -0.009 min
Response: 142726
Conc: 4.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: -0.012 min
Response: 108847
Conc: 4.97 ng/ml