

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092619\
 Data File : P0061373.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2019 11:22
 Operator : SM/AJ
 Sample : K5020-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 RT-3860MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 13:35:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 2019
 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...	4.360	3.520	862765	595653	23.451	21.333
2)	SA Decachlor...	10.023	8.395	1137780	677148	24.763	19.319
Target Compounds							
3)	L1 AR-1016-1	5.524	4.592	458935	449016	287.167	363.211 #
4)	L1 AR-1016-2	5.546	4.592	626548	449016	273.679	263.921
5)	L1 AR-1016-3	5.608	4.762	387269	251293	269.764	259.207
6)	L1 AR-1016-4	5.706	4.804	337605	215171	286.210	262.877
7)	L1 AR-1016-5	5.998	5.011	280179	274388	223.508	261.979
8)	L2 AR-1221-1	4.565	3.728	33058	14128	75.317	39.911 #
9)	L2 AR-1221-2	4.656	3.811	49907	45046	146.116	160.285
10)	L2 AR-1221-3	4.731	3.885	200202	162953	189.011	196.313
11)	L3 AR-1232-1	4.731	3.885	200202	162953	171.586	178.805
12)	L3 AR-1232-2	5.257	4.592	303816	449016	468.570	444.718
13)	L3 AR-1232-3	5.546	4.762	626548	251293	467.799	447.777
14)	L3 AR-1232-4	5.706	4.844	337605	264784	491.318	507.034
15)	L3 AR-1232-5	5.796	5.011	298771	274388	545.608	484.843
16)	L4 AR-1242-1	5.524	4.592	458935	449016	384.556	493.217 #
17)	L4 AR-1242-2	5.546	4.592	626548	449016	366.596	358.680
18)	L4 AR-1242-3	5.608	4.762	387269	251293	357.628	351.677
19)	L4 AR-1242-4	5.706	4.844	337605	264784	382.424	363.594
20)	L4 AR-1242-5	6.465	5.352	97777	338740	87.248	342.195 #
21)	L5 AR-1248-1	5.524	4.592	458935	449016	498.518	633.062 #
22)	L5 AR-1248-2	5.796	4.804	298771	215171	223.421	222.699
23)	L5 AR-1248-3	5.998	4.844	280179	264784	185.127	262.910 #
24)	L5 AR-1248-4	6.411	5.011	715945	274388	392.972	228.481 #
25)	L5 AR-1248-5	6.465	5.393	97777	121066	55.886	95.768 #
26)	L6 AR-1254-1	6.369	5.352	612683	338740	318.005	164.362 #
27)	L6 AR-1254-2	6.593	5.497	491716	301402	156.253	159.723
28)	L6 AR-1254-3	6.960	5.907	294706	469337	83.676	147.613 #
29)	L6 AR-1254-4	7.243	6.116	214078	58578	79.082	28.136 #
30)	L6 AR-1254-5	7.661	6.526	1230341	860532	417.232	271.898 #
31)	L7 AR-1260-1	7.120	6.020	827856	591112	340.036	281.028
32)	L7 AR-1260-2	7.377	6.205	1199891	659058	396.875	255.498 #
33)	L7 AR-1260-3	7.736	6.355	683607	644531	286.455	267.655
34)	L7 AR-1260-4	7.961	6.819	804047	495135	287.397	231.346
35)	L7 AR-1260-5	8.275	7.059	1365051	1082522	250.683	224.009
36)	L8 AR-1262-1	7.736	6.565	683607	529088	193.530	177.136
37)	L8 AR-1262-2	8.275	7.059	1365051	1082522	218.953	208.198
38)	L8 AR-1262-3	8.593	7.338	876219	235735	205.642	111.069 #
39)	L8 AR-1262-4	8.646	7.400	482236	800914	147.907	209.692 #
40)	L8 AR-1262-5	9.303	7.889	307830	243728	151.388	145.616
41)	L9 AR-1268-1	8.593	7.338	876219	235735	118.722	40.214 #

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 Acq On : 26 Sep 2019 11:22
 Operator : SM/AJ
 Sample : K5020-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

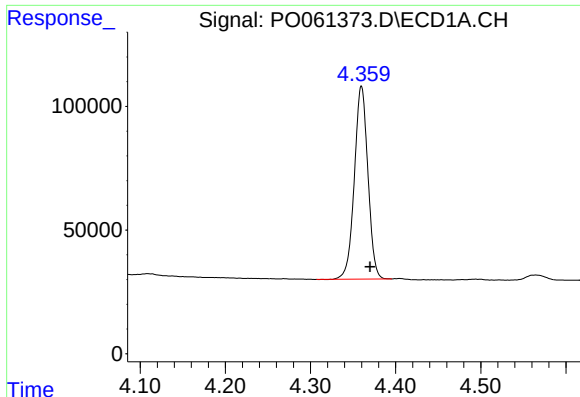
Instrument :
 ECD_O
 ClientSampleId :
 RT-3860MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 13:35:43 2019
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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	8.646	7.400	482236	800914	71.389	150.266 #
43) L9	AR-1268-3	8.888	7.604	38363	58325	6.832	13.158 #
44) L9	AR-1268-4	9.303	7.889	307830	243728	133.449	127.549
45) L9	AR-1268-5	9.700	8.160	137582	117898	8.674	9.798

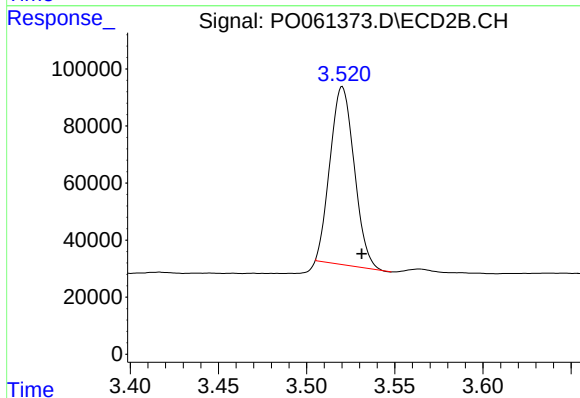
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

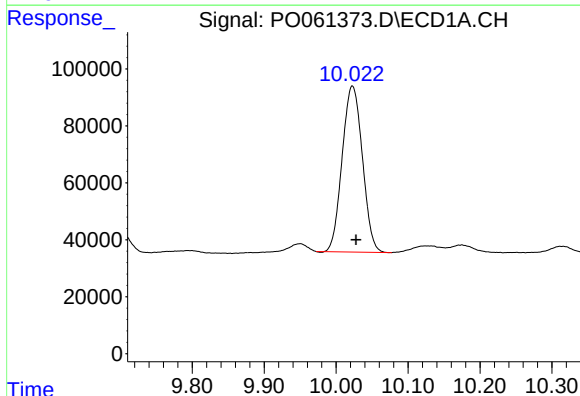
R.T.: 4.360 min
Delta R.T.: -0.010 min
Response: 862765
Conc: 23.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



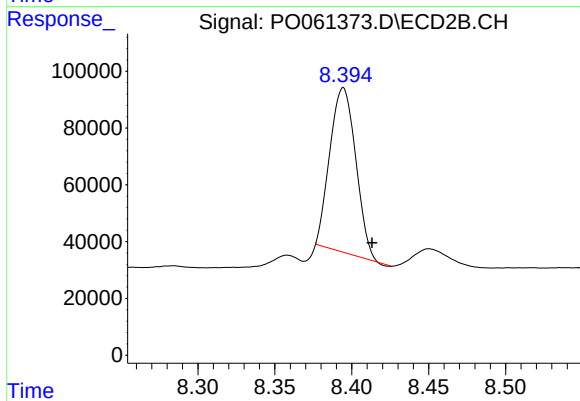
#1 Tetrachloro-m-xylene

R.T.: 3.520 min
Delta R.T.: -0.011 min
Response: 595653
Conc: 21.33 ng/ml



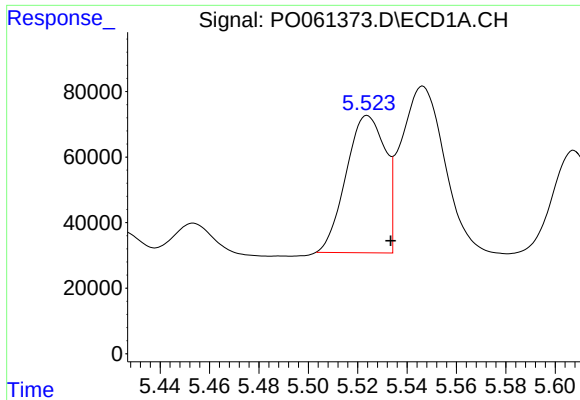
#2 Decachlorobiphenyl

R.T.: 10.023 min
Delta R.T.: -0.005 min
Response: 1137780
Conc: 24.76 ng/ml



#2 Decachlorobiphenyl

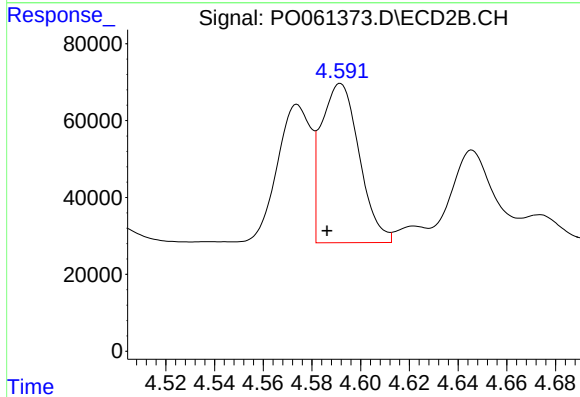
R.T.: 8.395 min
Delta R.T.: -0.019 min
Response: 677148
Conc: 19.32 ng/ml



#3 AR-1016-1

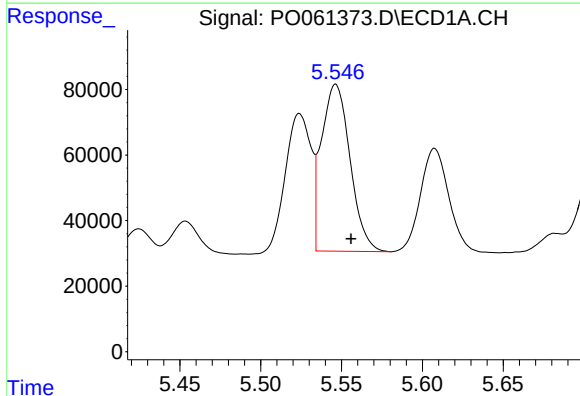
R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 458935
Conc: 287.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



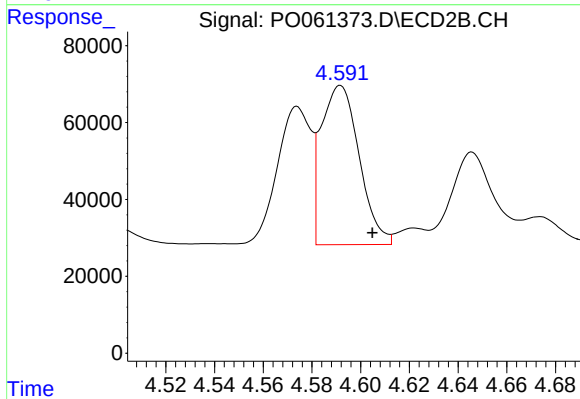
#3 AR-1016-1

R.T.: 4.592 min
Delta R.T.: 0.005 min
Response: 449016
Conc: 363.21 ng/ml



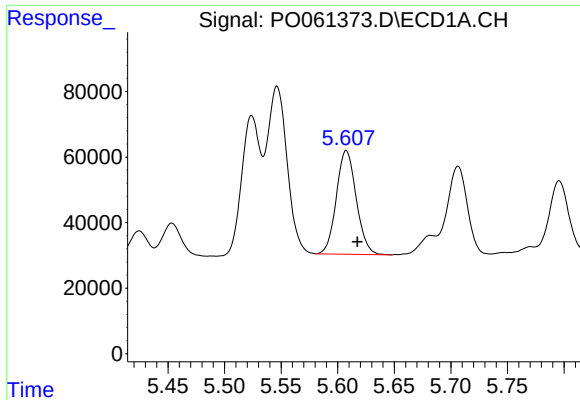
#4 AR-1016-2

R.T.: 5.546 min
Delta R.T.: -0.010 min
Response: 626548
Conc: 273.68 ng/ml



#4 AR-1016-2

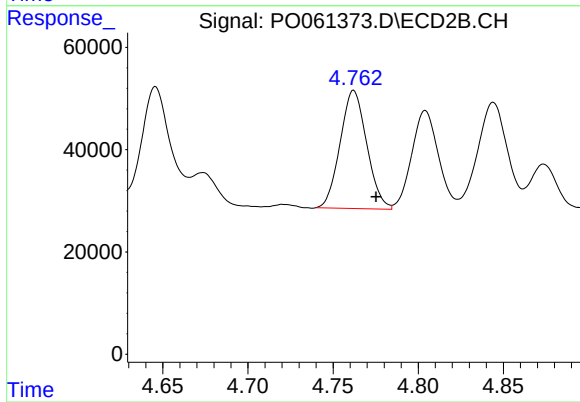
R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 449016
Conc: 263.92 ng/ml



#5 AR-1016-3

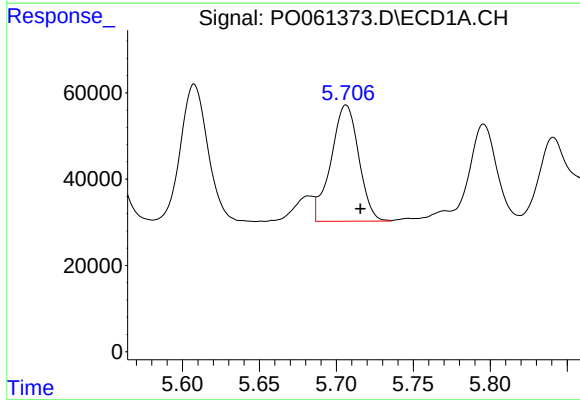
R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 387269
Conc: 269.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



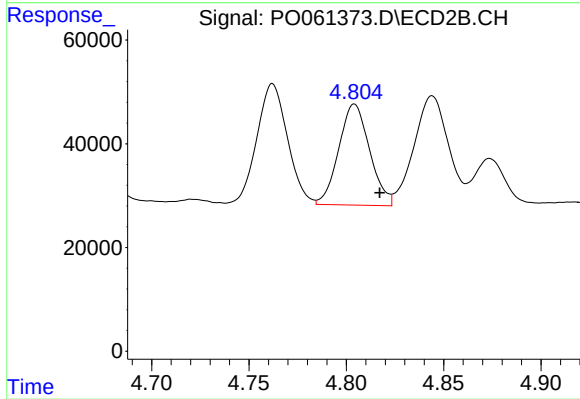
#5 AR-1016-3

R.T.: 4.762 min
Delta R.T.: -0.013 min
Response: 251293
Conc: 259.21 ng/ml



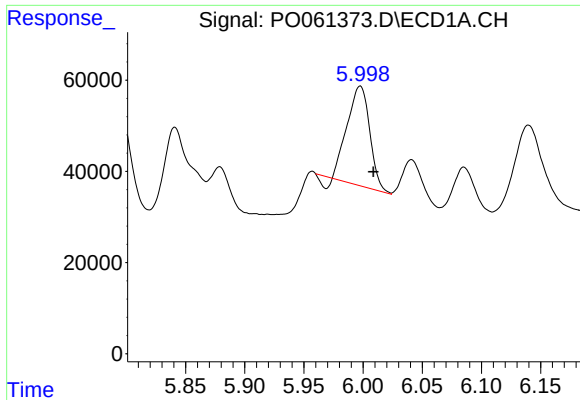
#6 AR-1016-4

R.T.: 5.706 min
Delta R.T.: -0.009 min
Response: 337605
Conc: 286.21 ng/ml



#6 AR-1016-4

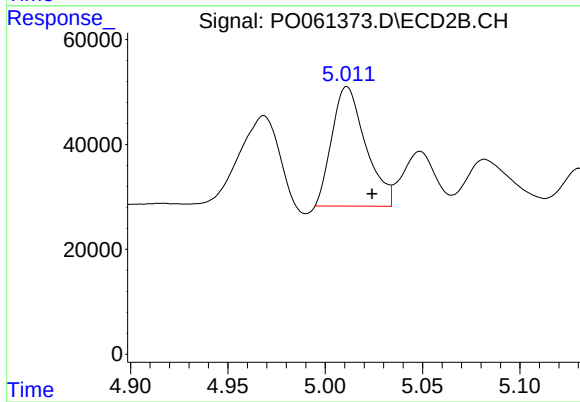
R.T.: 4.804 min
Delta R.T.: -0.013 min
Response: 215171
Conc: 262.88 ng/ml



#7 AR-1016-5

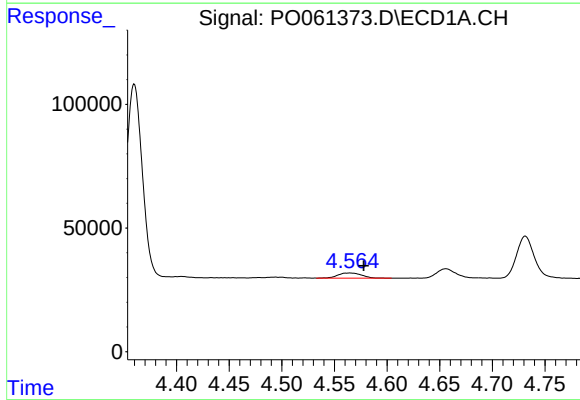
R.T.: 5.998 min
Delta R.T.: -0.011 min
Response: 280179
Conc: 223.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



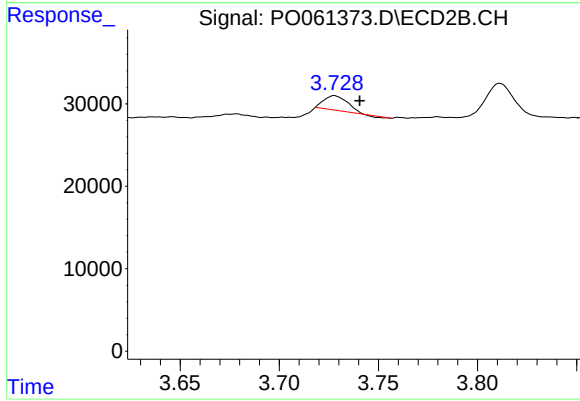
#7 AR-1016-5

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 274388
Conc: 261.98 ng/ml



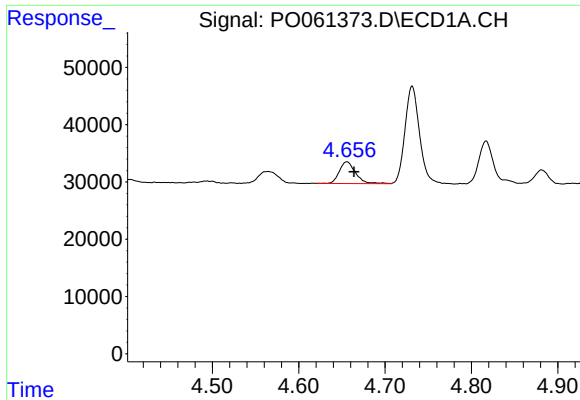
#8 AR-1221-1

R.T.: 4.565 min
Delta R.T.: -0.013 min
Response: 33058
Conc: 75.32 ng/ml



#8 AR-1221-1

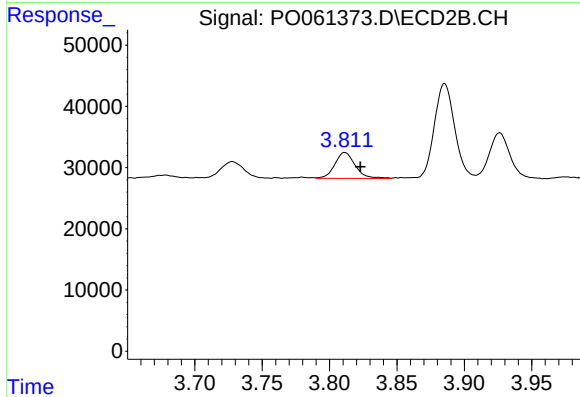
R.T.: 3.728 min
Delta R.T.: -0.013 min
Response: 14128
Conc: 39.91 ng/ml



#9 AR-1221-2

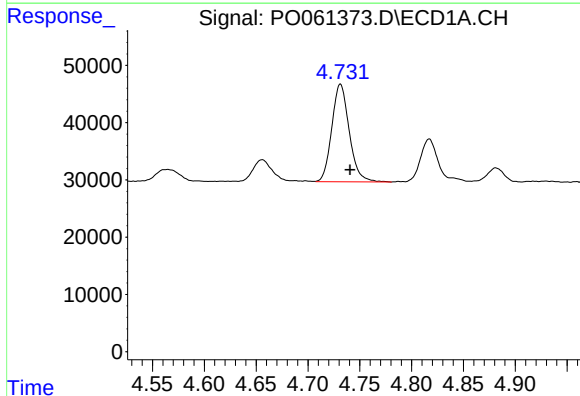
R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 49907
Conc: 146.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



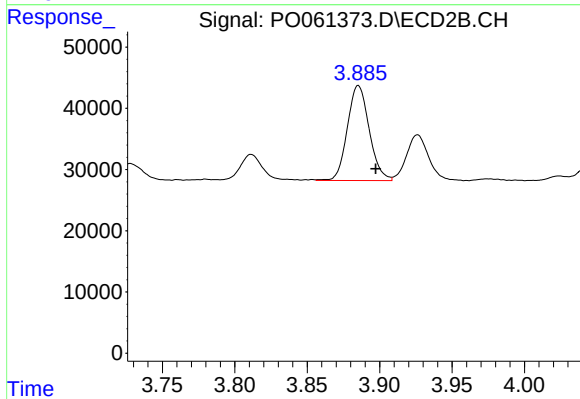
#9 AR-1221-2

R.T.: 3.811 min
Delta R.T.: -0.012 min
Response: 45046
Conc: 160.28 ng/ml



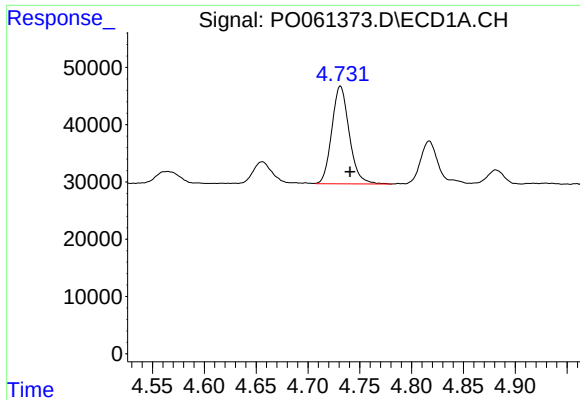
#10 AR-1221-3

R.T.: 4.731 min
Delta R.T.: -0.009 min
Response: 200202
Conc: 189.01 ng/ml



#10 AR-1221-3

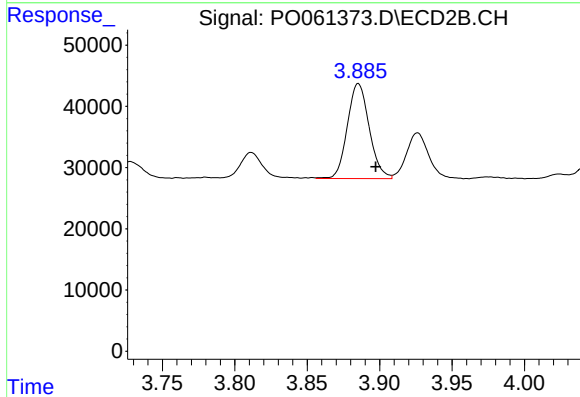
R.T.: 3.885 min
Delta R.T.: -0.012 min
Response: 162953
Conc: 196.31 ng/ml



#11 AR-1232-1

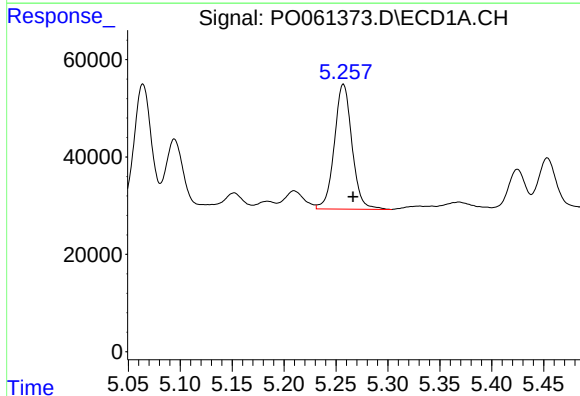
R.T.: 4.731 min
Delta R.T.: -0.009 min
Response: 200202
Conc: 171.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



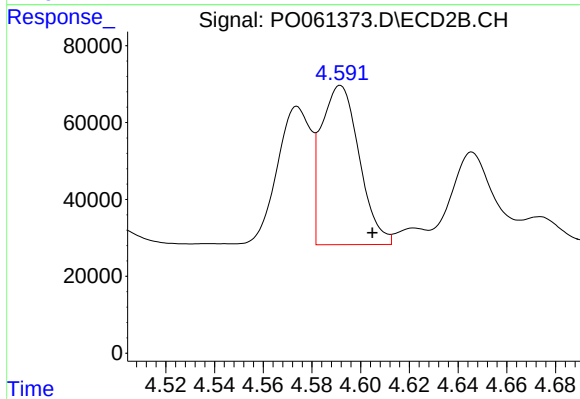
#11 AR-1232-1

R.T.: 3.885 min
Delta R.T.: -0.012 min
Response: 162953
Conc: 178.81 ng/ml



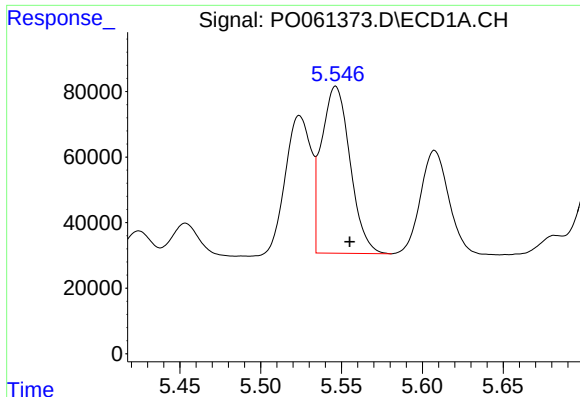
#12 AR-1232-2

R.T.: 5.257 min
Delta R.T.: -0.009 min
Response: 303816
Conc: 468.57 ng/ml



#12 AR-1232-2

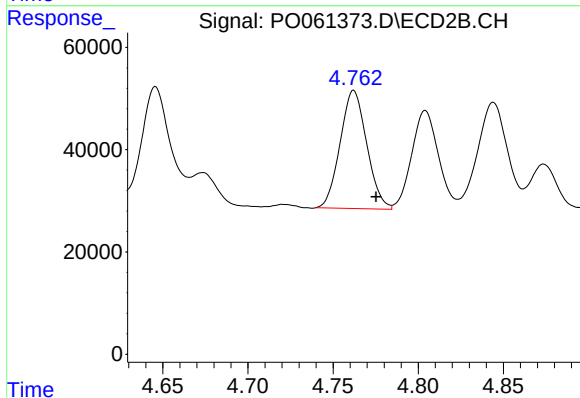
R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 449016
Conc: 444.72 ng/ml



#13 AR-1232-3

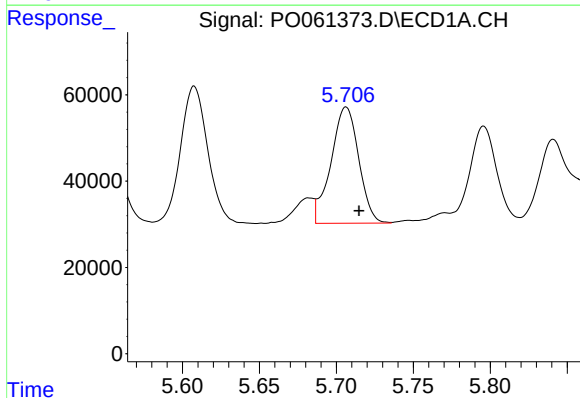
R.T.: 5.546 min
Delta R.T.: -0.009 min
Response: 626548
Conc: 467.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



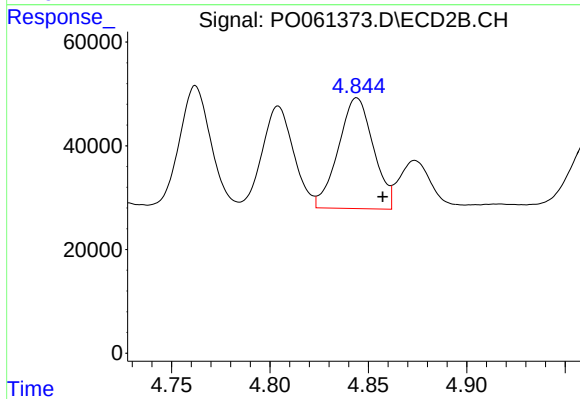
#13 AR-1232-3

R.T.: 4.762 min
Delta R.T.: -0.013 min
Response: 251293
Conc: 447.78 ng/ml



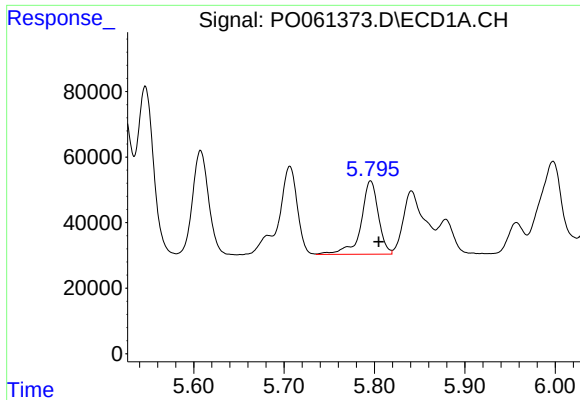
#14 AR-1232-4

R.T.: 5.706 min
Delta R.T.: -0.008 min
Response: 337605
Conc: 491.32 ng/ml



#14 AR-1232-4

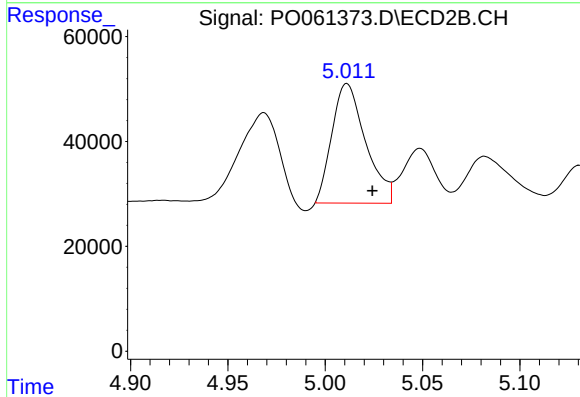
R.T.: 4.844 min
Delta R.T.: -0.013 min
Response: 264784
Conc: 507.03 ng/ml



#15 AR-1232-5

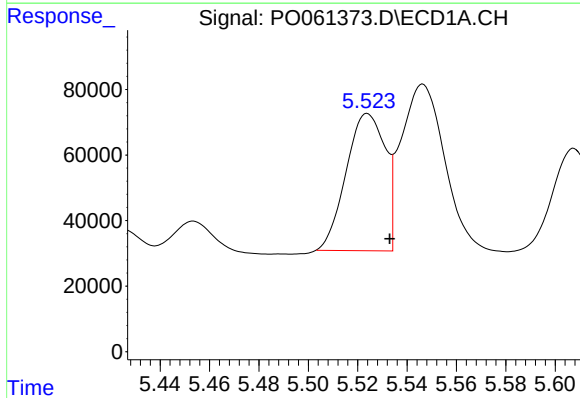
R.T.: 5.796 min
Delta R.T.: -0.009 min
Response: 298771
Conc: 545.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



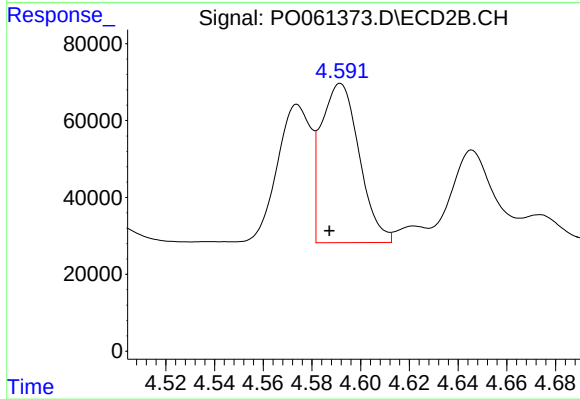
#15 AR-1232-5

R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 274388
Conc: 484.84 ng/ml



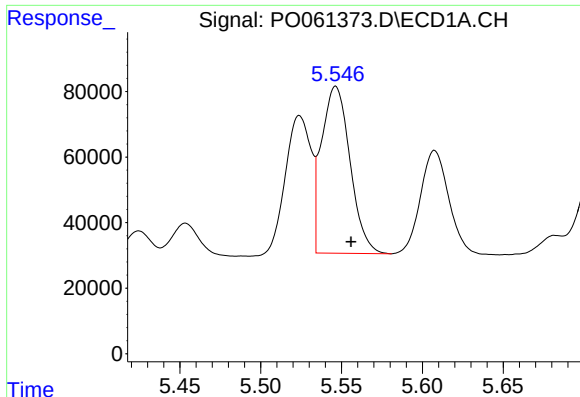
#16 AR-1242-1

R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 458935
Conc: 384.56 ng/ml



#16 AR-1242-1

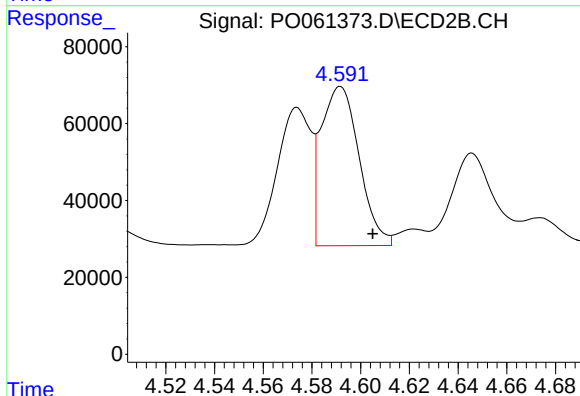
R.T.: 4.592 min
Delta R.T.: 0.005 min
Response: 449016
Conc: 493.22 ng/ml



#17 AR-1242-2

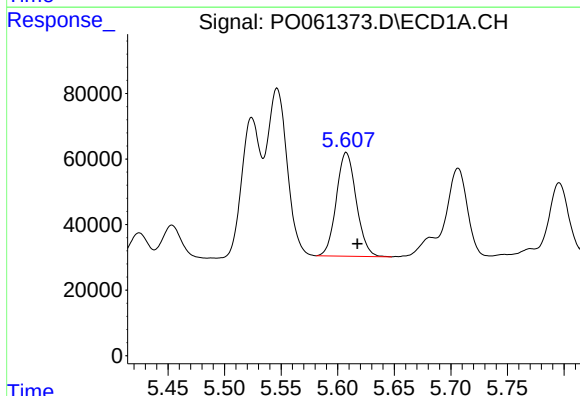
R.T.: 5.546 min
Delta R.T.: -0.009 min
Response: 626548
Conc: 366.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



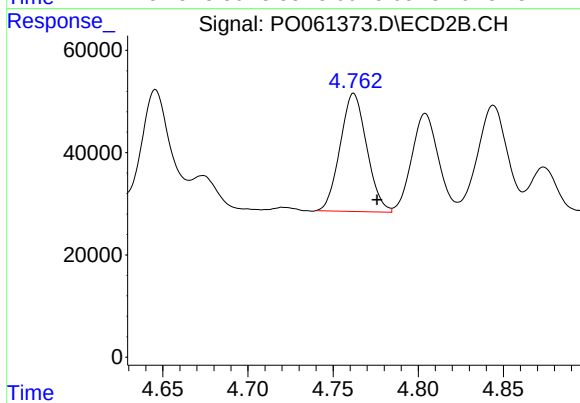
#17 AR-1242-2

R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 449016
Conc: 358.68 ng/ml



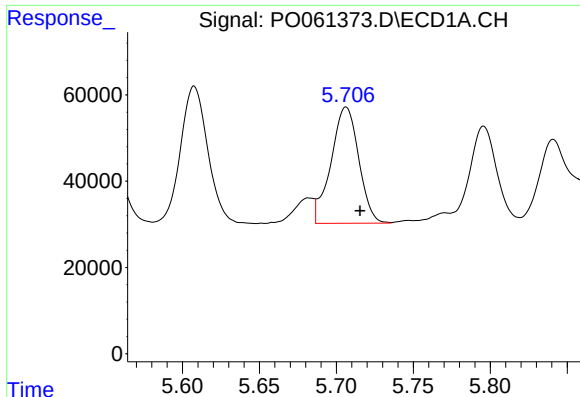
#18 AR-1242-3

R.T.: 5.608 min
Delta R.T.: -0.010 min
Response: 387269
Conc: 357.63 ng/ml



#18 AR-1242-3

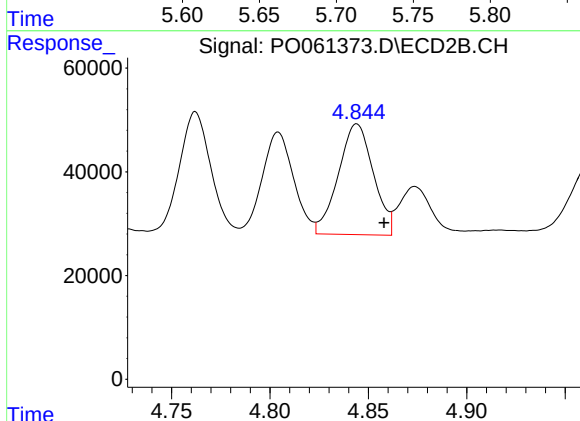
R.T.: 4.762 min
Delta R.T.: -0.014 min
Response: 251293
Conc: 351.68 ng/ml



#19 AR-1242-4

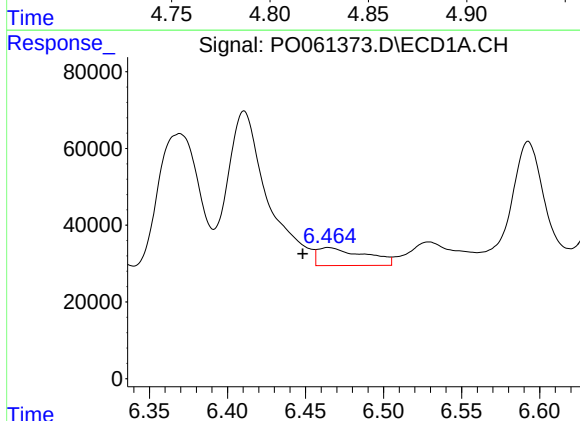
R.T.: 5.706 min
Delta R.T.: -0.009 min
Response: 337605
Conc: 382.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



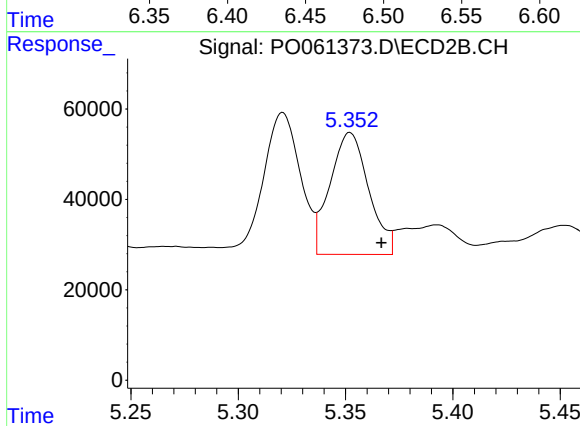
#19 AR-1242-4

R.T.: 4.844 min
Delta R.T.: -0.014 min
Response: 264784
Conc: 363.59 ng/ml



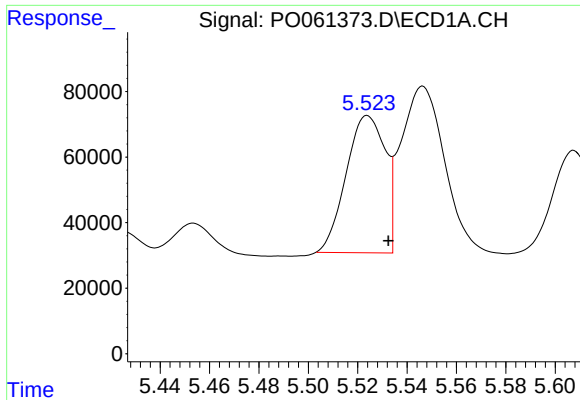
#20 AR-1242-5

R.T.: 6.465 min
Delta R.T.: 0.016 min
Response: 97777
Conc: 87.25 ng/ml



#20 AR-1242-5

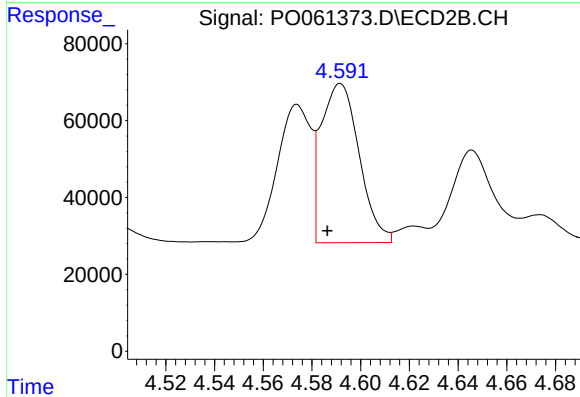
R.T.: 5.352 min
Delta R.T.: -0.015 min
Response: 338740
Conc: 342.20 ng/ml



#21 AR-1248-1

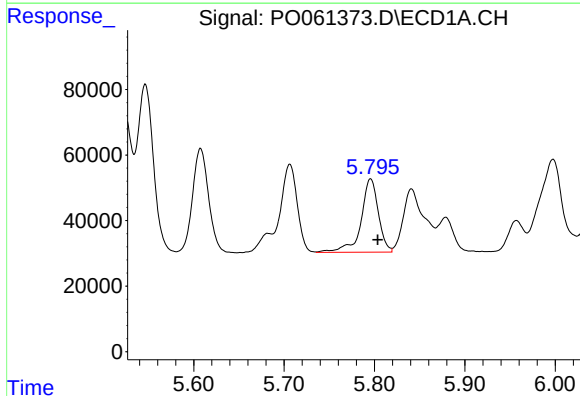
R.T.: 5.524 min
Delta R.T.: -0.008 min
Response: 458935
Conc: 498.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



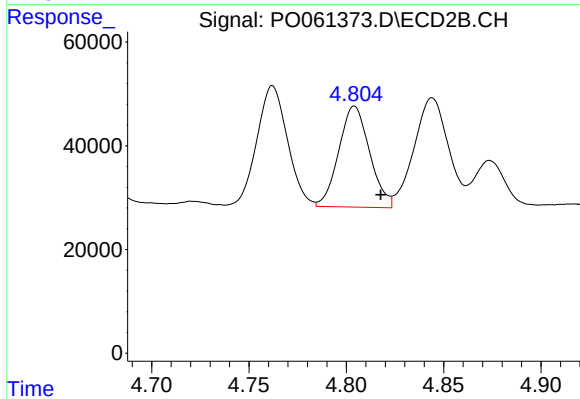
#21 AR-1248-1

R.T.: 4.592 min
Delta R.T.: 0.005 min
Response: 449016
Conc: 633.06 ng/ml



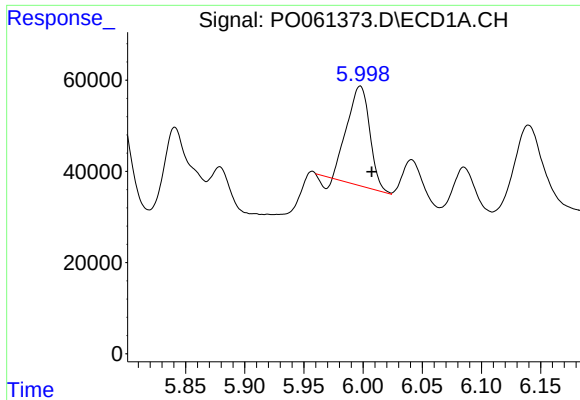
#22 AR-1248-2

R.T.: 5.796 min
Delta R.T.: -0.008 min
Response: 298771
Conc: 223.42 ng/ml



#22 AR-1248-2

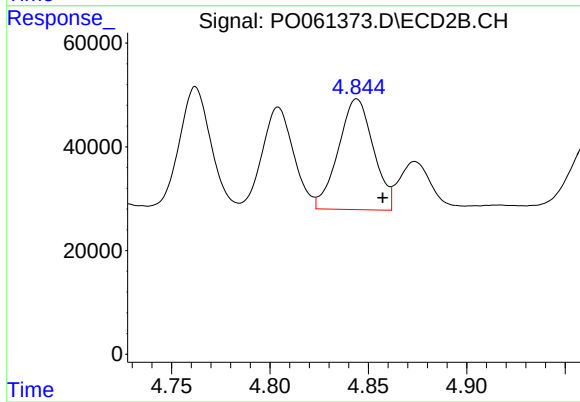
R.T.: 4.804 min
Delta R.T.: -0.013 min
Response: 215171
Conc: 222.70 ng/ml



#23 AR-1248-3

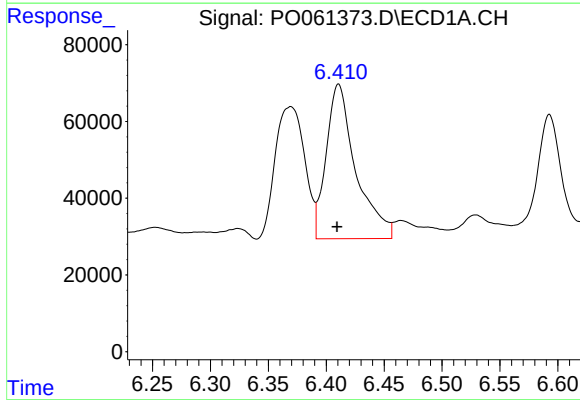
R.T.: 5.998 min
Delta R.T.: -0.010 min
Response: 280179
Conc: 185.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



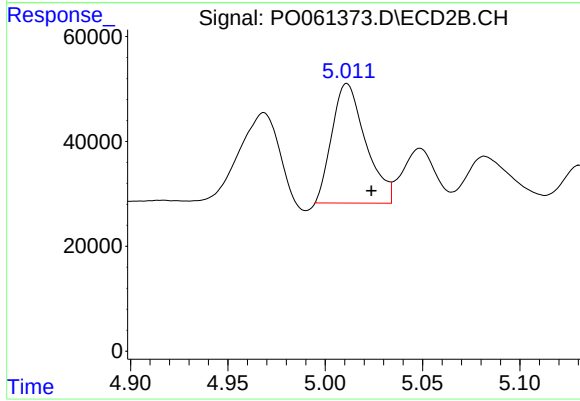
#23 AR-1248-3

R.T.: 4.844 min
Delta R.T.: -0.013 min
Response: 264784
Conc: 262.91 ng/ml



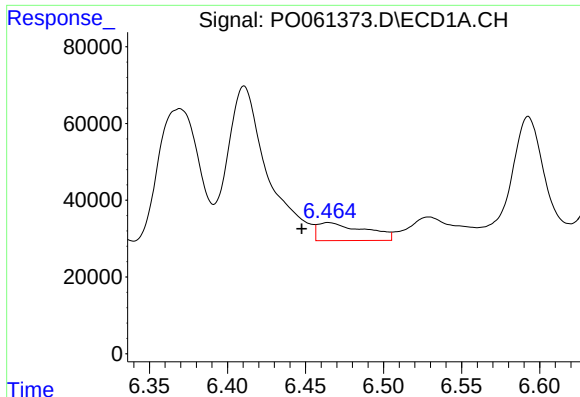
#24 AR-1248-4

R.T.: 6.411 min
Delta R.T.: 0.001 min
Response: 715945
Conc: 392.97 ng/ml



#24 AR-1248-4

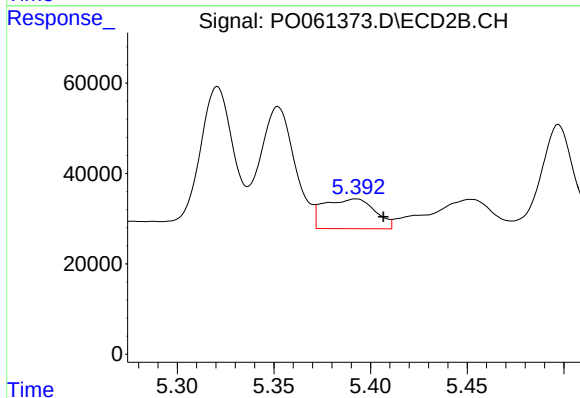
R.T.: 5.011 min
Delta R.T.: -0.013 min
Response: 274388
Conc: 228.48 ng/ml



#25 AR-1248-5

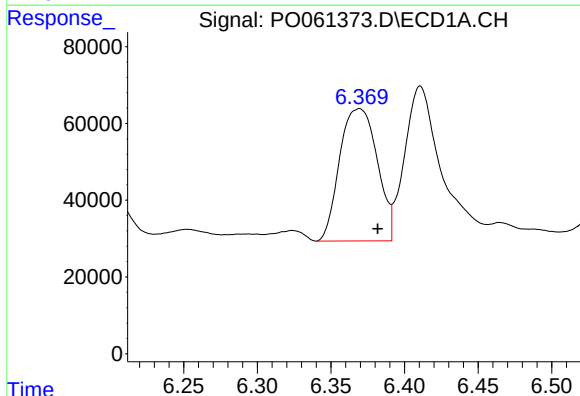
R.T.: 6.465 min
Delta R.T.: 0.017 min
Response: 97777
Conc: 55.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



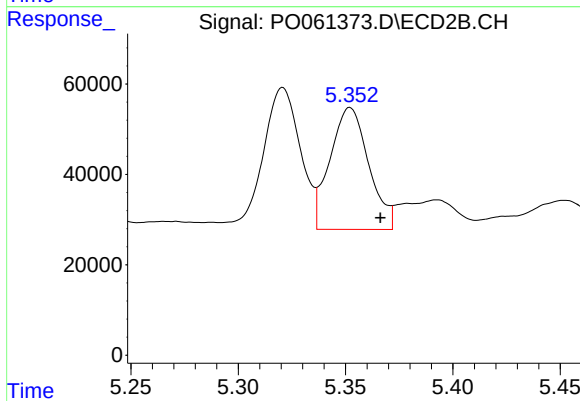
#25 AR-1248-5

R.T.: 5.393 min
Delta R.T.: -0.014 min
Response: 121066
Conc: 95.77 ng/ml



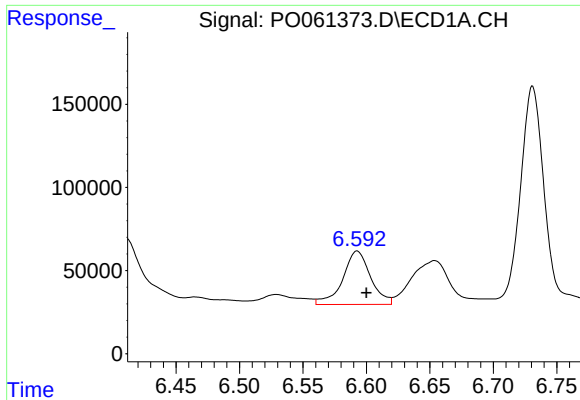
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: -0.013 min
Response: 612683
Conc: 318.01 ng/ml



#26 AR-1254-1

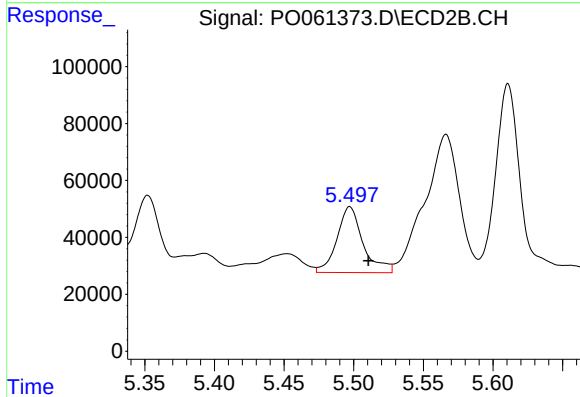
R.T.: 5.352 min
Delta R.T.: -0.014 min
Response: 338740
Conc: 164.36 ng/ml



#27 AR-1254-2

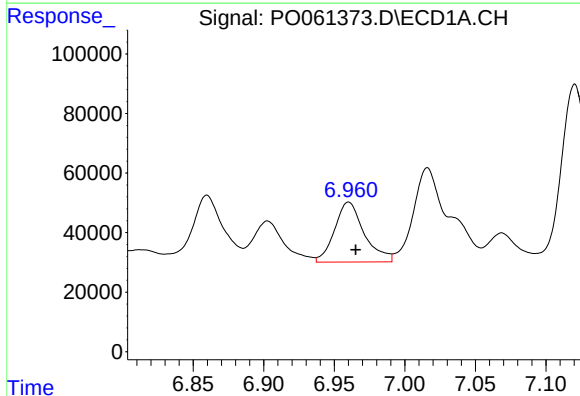
R.T.: 6.593 min
Delta R.T.: -0.007 min
Response: 491716
Conc: 156.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



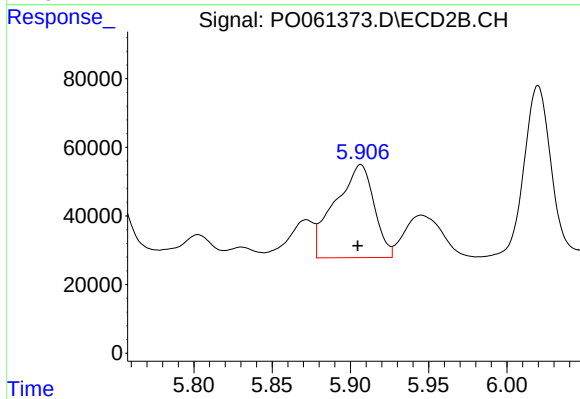
#27 AR-1254-2

R.T.: 5.497 min
Delta R.T.: -0.013 min
Response: 301402
Conc: 159.72 ng/ml



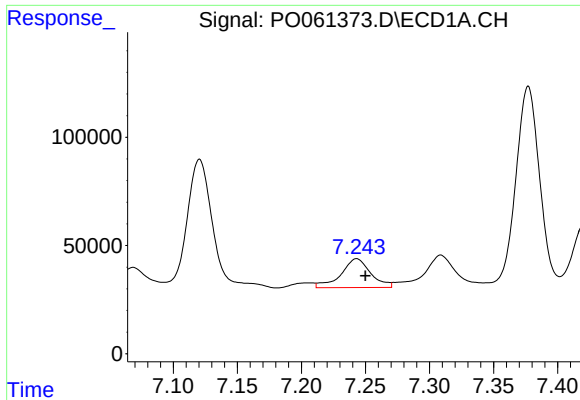
#28 AR-1254-3

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 294706
Conc: 83.68 ng/ml



#28 AR-1254-3

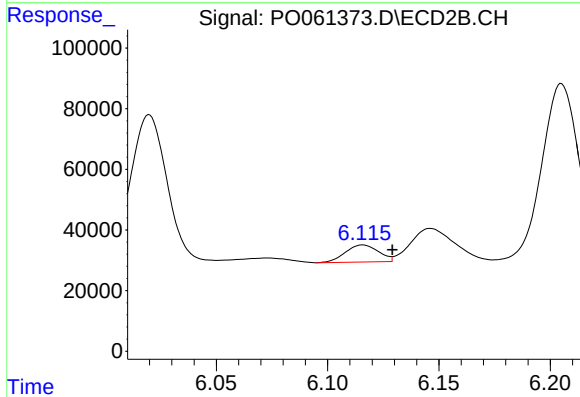
R.T.: 5.907 min
Delta R.T.: 0.002 min
Response: 469337
Conc: 147.61 ng/ml



#29 AR-1254-4

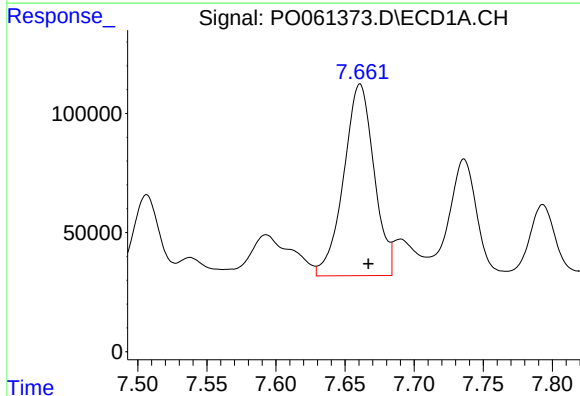
R.T.: 7.243 min
Delta R.T.: -0.007 min
Response: 214078
Conc: 79.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



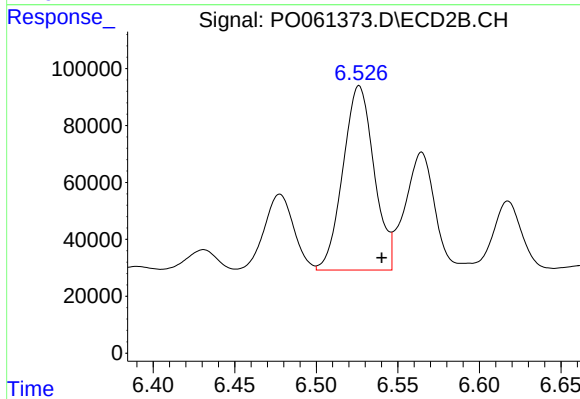
#29 AR-1254-4

R.T.: 6.116 min
Delta R.T.: -0.013 min
Response: 58578
Conc: 28.14 ng/ml



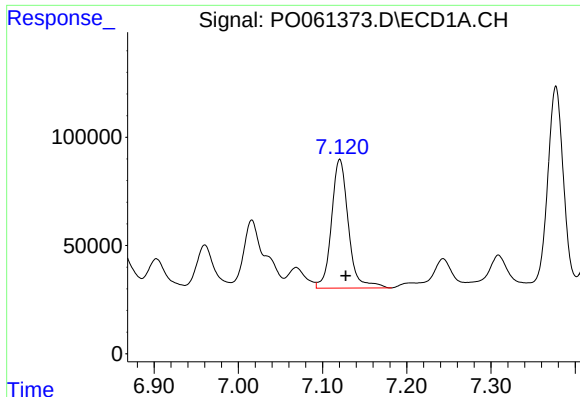
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: -0.006 min
Response: 1230341
Conc: 417.23 ng/ml



#30 AR-1254-5

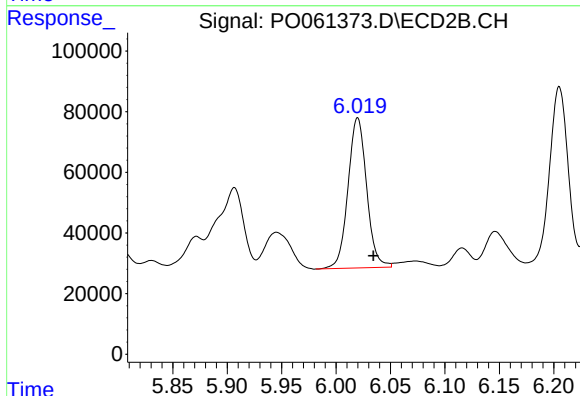
R.T.: 6.526 min
Delta R.T.: -0.014 min
Response: 860532
Conc: 271.90 ng/ml



#31 AR-1260-1

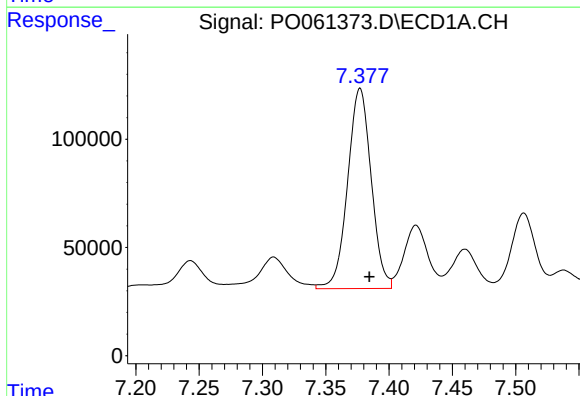
R.T.: 7.120 min
Delta R.T.: -0.007 min
Response: 827856
Conc: 340.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



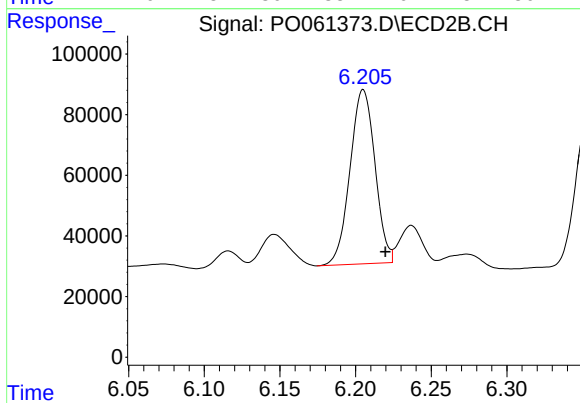
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: -0.015 min
Response: 591112
Conc: 281.03 ng/ml



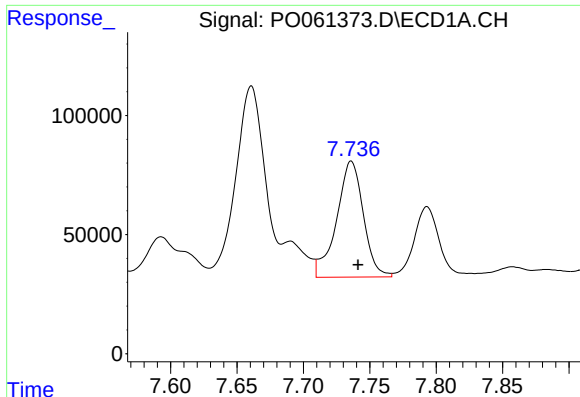
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.007 min
Response: 1199891
Conc: 396.87 ng/ml



#32 AR-1260-2

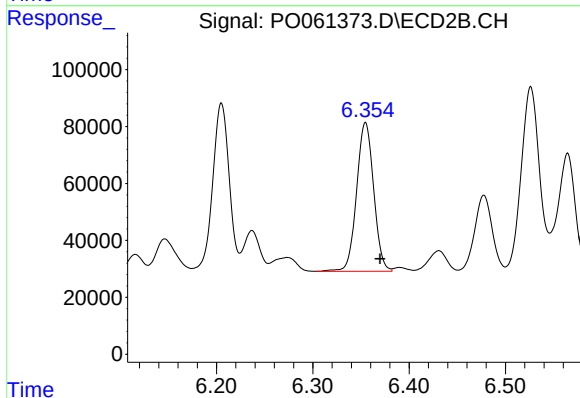
R.T.: 6.205 min
Delta R.T.: -0.014 min
Response: 659058
Conc: 255.50 ng/ml



#33 AR-1260-3

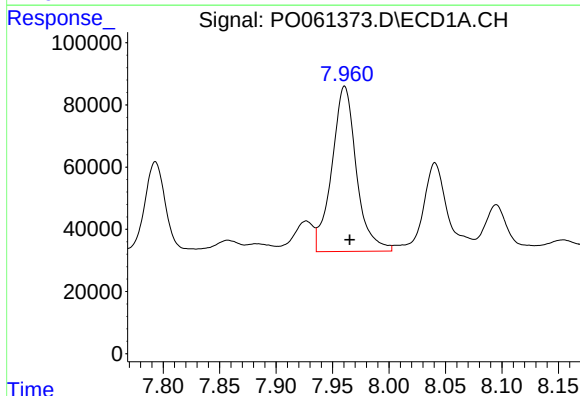
R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 683607
Conc: 286.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



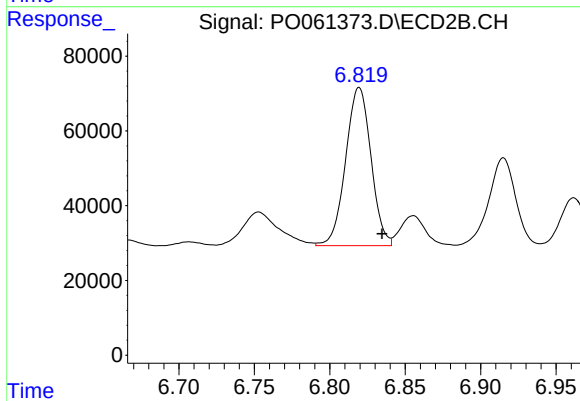
#33 AR-1260-3

R.T.: 6.355 min
Delta R.T.: -0.015 min
Response: 644531
Conc: 267.65 ng/ml



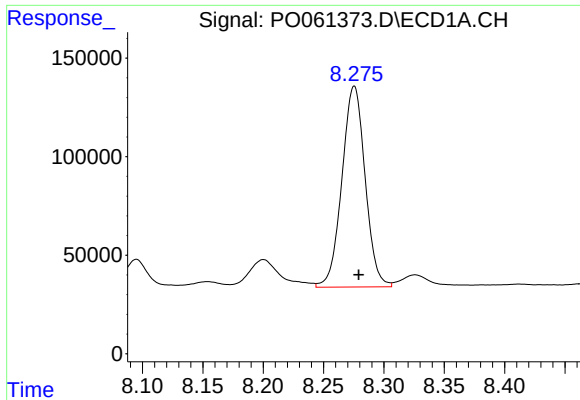
#34 AR-1260-4

R.T.: 7.961 min
Delta R.T.: -0.005 min
Response: 804047
Conc: 287.40 ng/ml



#34 AR-1260-4

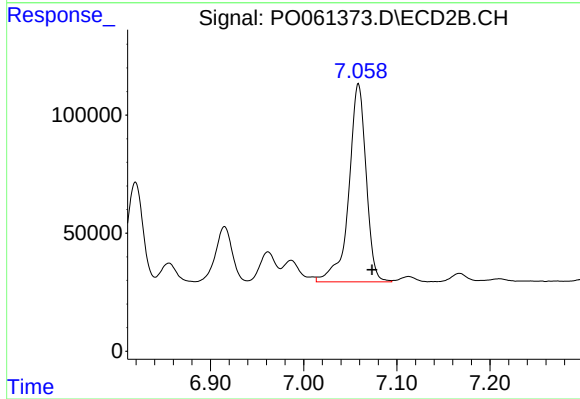
R.T.: 6.819 min
Delta R.T.: -0.015 min
Response: 495135
Conc: 231.35 ng/ml



#35 AR-1260-5

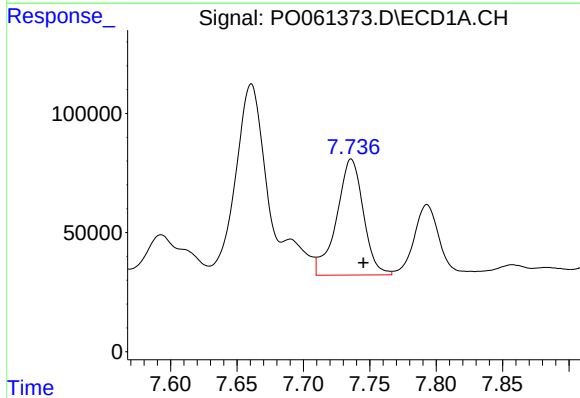
R.T.: 8.275 min
Delta R.T.: -0.004 min
Response: 1365051
Conc: 250.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



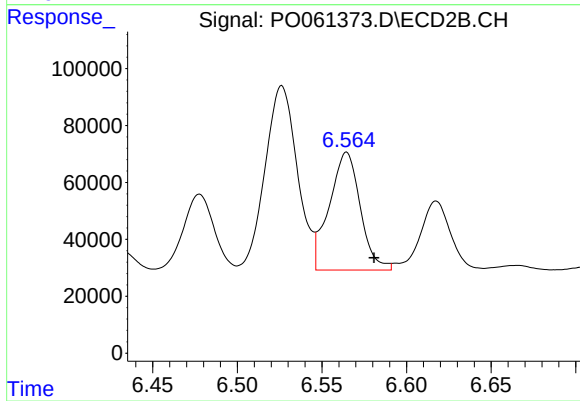
#35 AR-1260-5

R.T.: 7.059 min
Delta R.T.: -0.014 min
Response: 1082522
Conc: 224.01 ng/ml



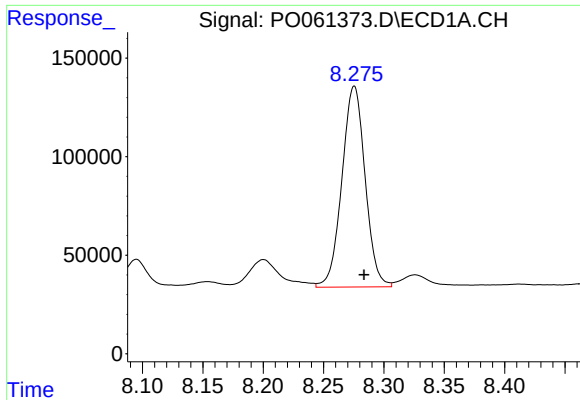
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: -0.009 min
Response: 683607
Conc: 193.53 ng/ml



#36 AR-1262-1

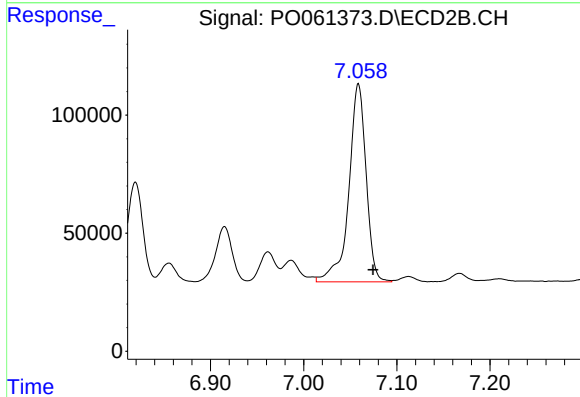
R.T.: 6.565 min
Delta R.T.: -0.016 min
Response: 529088
Conc: 177.14 ng/ml



#37 AR-1262-2

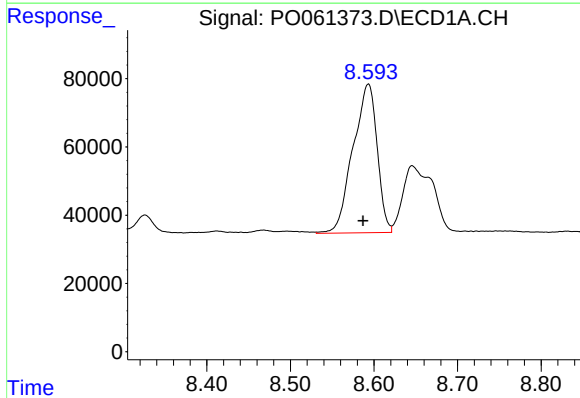
R.T.: 8.275 min
Delta R.T.: -0.008 min
Response: 1365051
Conc: 218.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



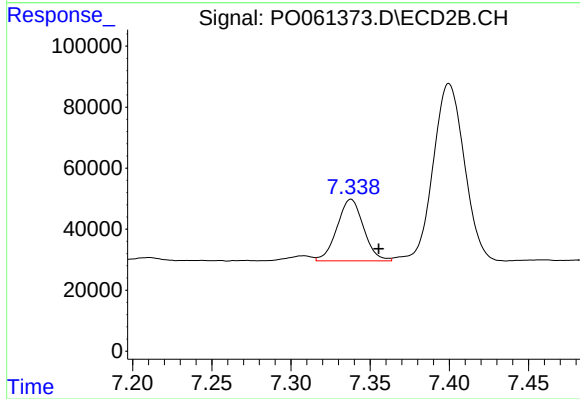
#37 AR-1262-2

R.T.: 7.059 min
Delta R.T.: -0.016 min
Response: 1082522
Conc: 208.20 ng/ml



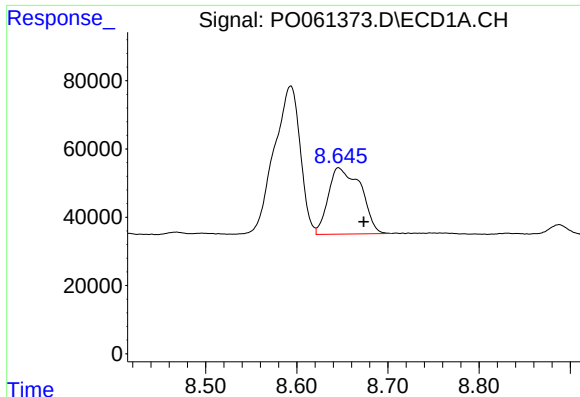
#38 AR-1262-3

R.T.: 8.593 min
Delta R.T.: 0.006 min
Response: 876219
Conc: 205.64 ng/ml



#38 AR-1262-3

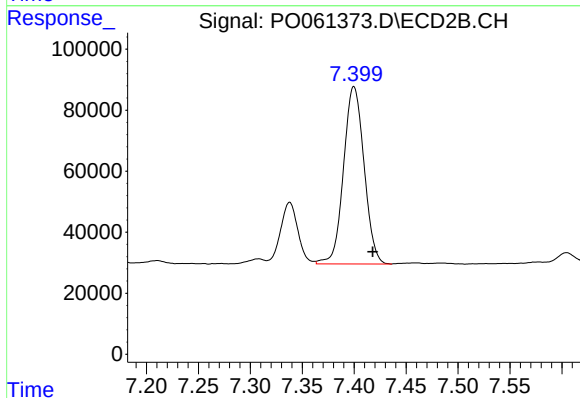
R.T.: 7.338 min
Delta R.T.: -0.018 min
Response: 235735
Conc: 111.07 ng/ml



#39 AR-1262-4

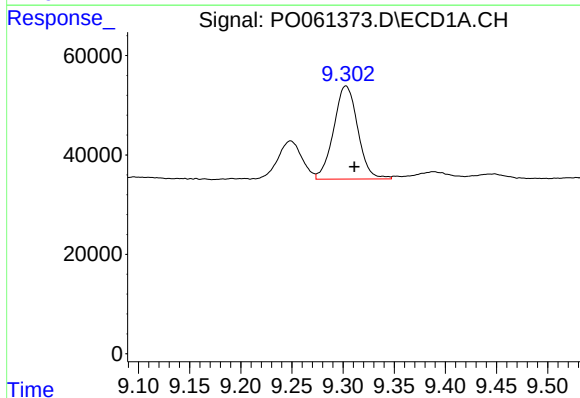
R.T.: 8.646 min
Delta R.T.: -0.027 min
Response: 482236
Conc: 147.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



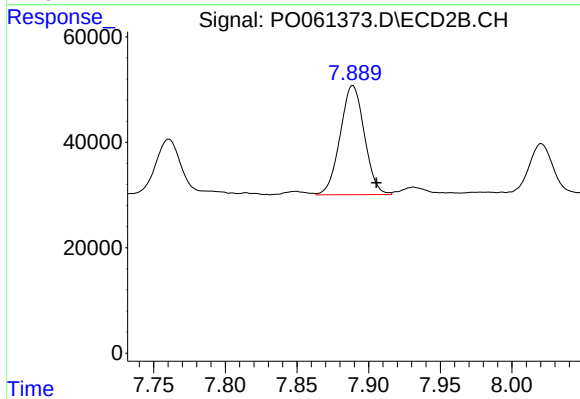
#39 AR-1262-4

R.T.: 7.400 min
Delta R.T.: -0.018 min
Response: 800914
Conc: 209.69 ng/ml



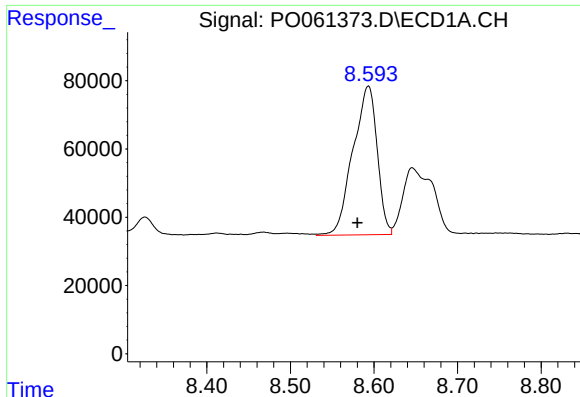
#40 AR-1262-5

R.T.: 9.303 min
Delta R.T.: -0.009 min
Response: 307830
Conc: 151.39 ng/ml



#40 AR-1262-5

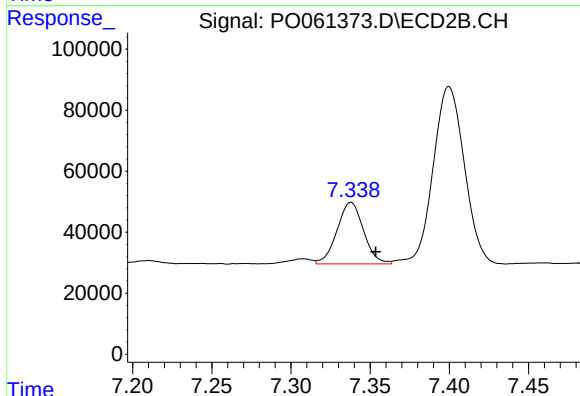
R.T.: 7.889 min
Delta R.T.: -0.016 min
Response: 243728
Conc: 145.62 ng/ml



#41 AR-1268-1

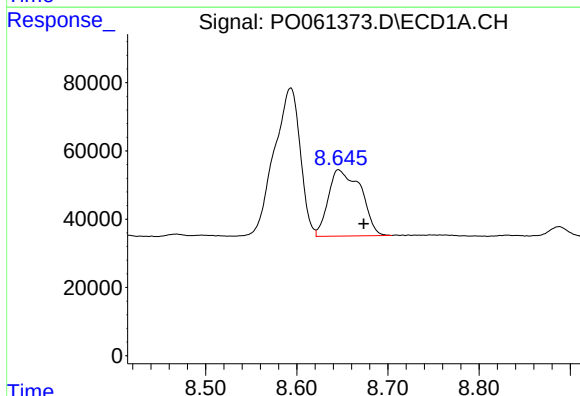
R.T.: 8.593 min
Delta R.T.: 0.013 min
Response: 876219
Conc: 118.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



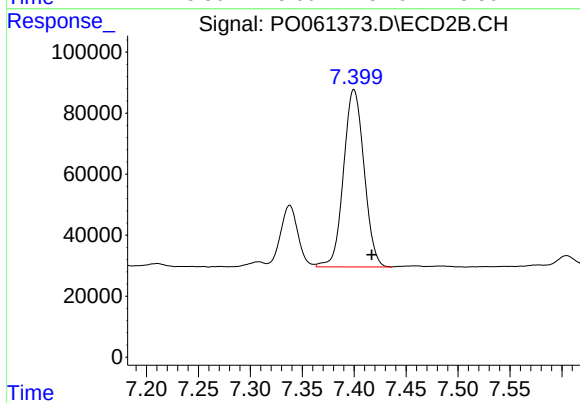
#41 AR-1268-1

R.T.: 7.338 min
Delta R.T.: -0.016 min
Response: 235735
Conc: 40.21 ng/ml



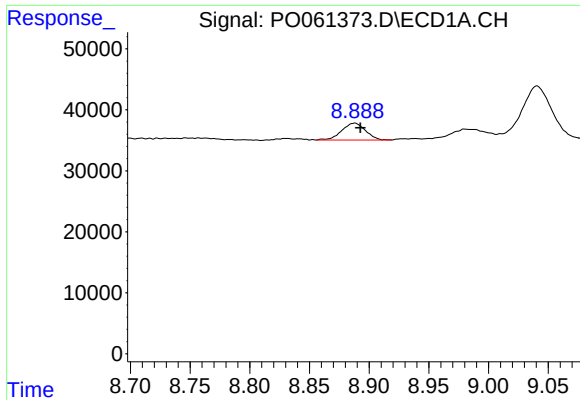
#42 AR-1268-2

R.T.: 8.646 min
Delta R.T.: -0.027 min
Response: 482236
Conc: 71.39 ng/ml



#42 AR-1268-2

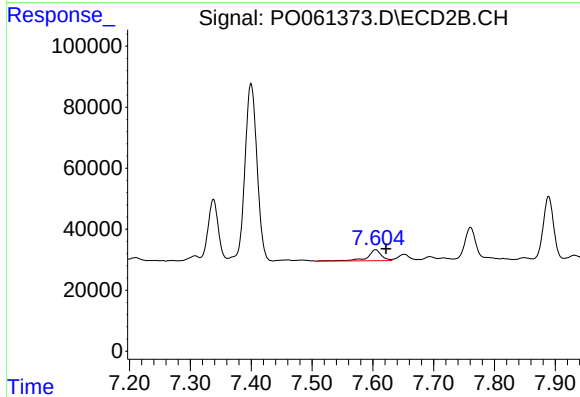
R.T.: 7.400 min
Delta R.T.: -0.017 min
Response: 800914
Conc: 150.27 ng/ml



#43 AR-1268-3

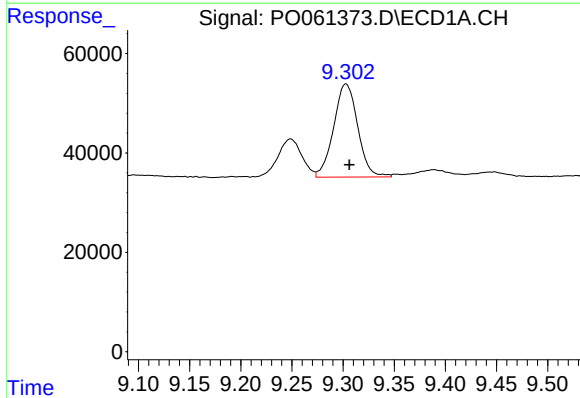
R.T.: 8.888 min
Delta R.T.: -0.005 min
Response: 38363
Conc: 6.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



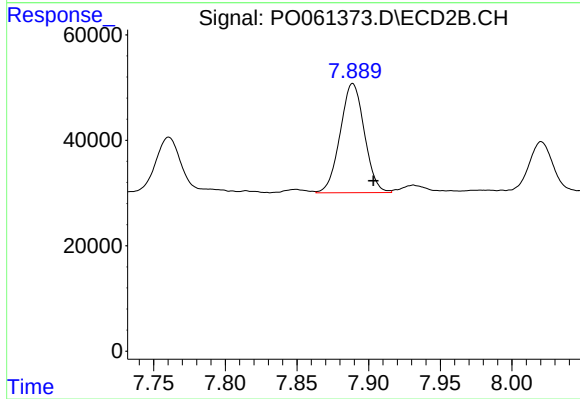
#43 AR-1268-3

R.T.: 7.604 min
Delta R.T.: -0.017 min
Response: 58325
Conc: 13.16 ng/ml



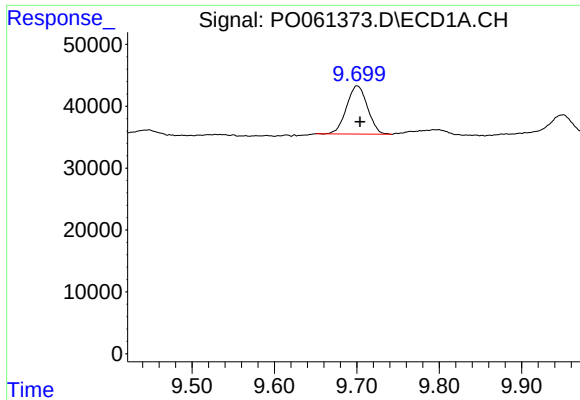
#44 AR-1268-4

R.T.: 9.303 min
Delta R.T.: -0.003 min
Response: 307830
Conc: 133.45 ng/ml



#44 AR-1268-4

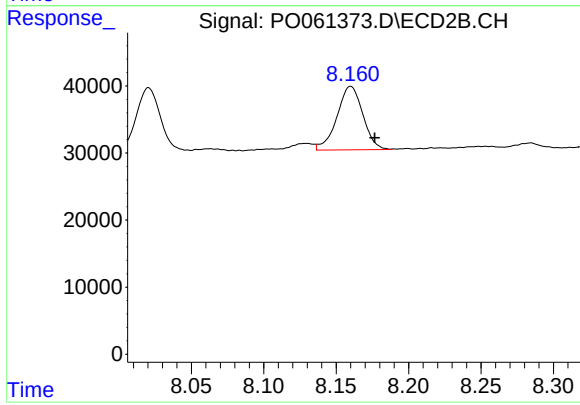
R.T.: 7.889 min
Delta R.T.: -0.014 min
Response: 243728
Conc: 127.55 ng/ml



#45 AR-1268-5

R.T.: 9.700 min
Delta R.T.: -0.003 min
Response: 137582
Conc: 8.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
RT-3860MSD



#45 AR-1268-5

R.T.: 8.160 min
Delta R.T.: -0.017 min
Response: 117898
Conc: 9.80 ng/ml