

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : PO062202.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2019 6:56
 Operator : HP/AJ
 Sample : K5431-05MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 00:49:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.322	3.482	1078992	734459	17.446	17.128
2)	SA Decachlor...	9.948	8.331	896517	504696	16.023	17.201
Target Compounds							
3)	L1 AR-1016-1	5.483	4.526	506791	338149	214.134	216.188
4)	L1 AR-1016-2	5.505	4.543	716673	499542	210.402	214.773
5)	L1 AR-1016-3	5.566	4.712	434950	273317	210.180	221.120
6)	L1 AR-1016-4	5.664	4.755	394590	219542	232.810	223.407
7)	L1 AR-1016-5	5.956	4.960	330190	275617	185.676	213.730
8)	L2 AR-1221-1	4.526	3.687	34453	43439	49.510	85.432 #
9)	L2 AR-1221-2	4.617	3.769	61890	59344	118.675	154.443 #
10)	L2 AR-1221-3	4.693	3.843	310730	200895	190.329	170.714
11)	L3 AR-1232-1	4.693	3.843	310730	200895	142.270	129.650
12)	L3 AR-1232-2	5.217	4.543	398818	499542	334.270	289.345
13)	L3 AR-1232-3	5.505	4.712	716673	273317	280.143	299.024
14)	L3 AR-1232-4	5.664	4.794	394590	244359	306.960	300.372
15)	L3 AR-1232-5	5.754	4.960	336856	275617	340.354	312.079
16)	L4 AR-1242-1	5.483	4.526	506791	338149	273.498	281.169
17)	L4 AR-1242-2	5.505	4.543	716673	499542	270.166	280.445
18)	L4 AR-1242-3	5.566	4.712	434950	273317	266.329	287.088
19)	L4 AR-1242-4	5.664	4.794	394590	244359	292.298	258.845
20)	L4 AR-1242-5	6.394	5.301	1234940	266871	807.976	223.646 #
21)	L5 AR-1248-1	5.483	4.526	506791	338149	353.598	344.435
22)	L5 AR-1248-2	5.754	4.755	336856	219542	168.248	173.291
23)	L5 AR-1248-3	5.956	4.794	330190	244359	149.503	184.081
24)	L5 AR-1248-4	6.362	4.960	639847	275617	250.462	174.179 #
25)	L5 AR-1248-5	6.394	5.301	1234940	266871	505.059	173.405 #
26)	L6 AR-1254-1	6.331	5.301	1499128	266871	562.393	109.114 #
27)	L6 AR-1254-2	6.546	5.445	893096	233743	218.442	110.367 #
28)	L6 AR-1254-3	6.917	5.854	709524	554825	169.577	170.288
29)	L6 AR-1254-4	7.197	6.061	125563	96261	41.669	49.839
30)	L6 AR-1254-5	7.634	6.471	4980608	1780773	1589.270	674.229 #
31)	L7 AR-1260-1	7.074	5.965	850821	554553	298.835	260.999
32)	L7 AR-1260-2	7.327	6.150	2244764	645904	654.344	254.531 #
33)	L7 AR-1260-3	7.687	6.299	681389	511124	257.505	226.351
34)	L7 AR-1260-4	7.912	6.761	470999	393203	168.392	223.939 #
35)	L7 AR-1260-5	8.225	7.002	1054739	720446	201.455	199.988
36)	L8 AR-1262-1	7.687	6.560	681389	207528	165.995	174.135
37)	L8 AR-1262-2	8.225	7.002	1054739	720446	163.575	171.461
38)	L8 AR-1262-3	8.540	7.280	786258	17315	178.802	9.845 #
39)	L8 AR-1262-4	8.591	7.342	384524	517089	111.296	169.143 #
40)	L8 AR-1262-5	9.239	7.831	222227	152091	98.388	116.454
41)	L9 AR-1268-1	8.540	7.280	786258	17315	103.865	3.698 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : P0062202.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2019 6:56
 Operator : HP/AJ
 Sample : K5431-05MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

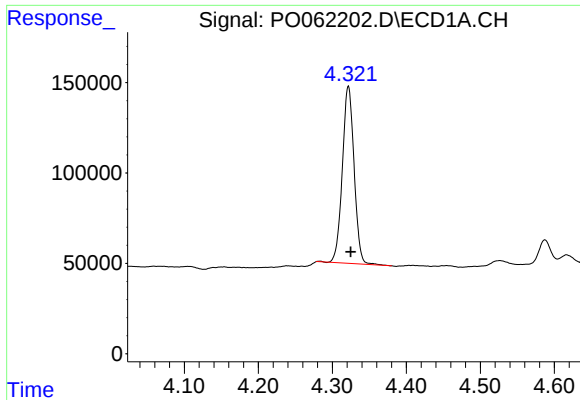
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 00:49:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.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	8.591	7.342	384524	517089	54.738	123.772 #
43) L9	AR-1268-3	0.000	7.598	0	19642	N.D.	5.637 #
44) L9	AR-1268-4	9.239	7.831	222227	152091	93.530	106.740
45) L9	AR-1268-5	9.630	8.172	148756	114868	8.253	12.408 #

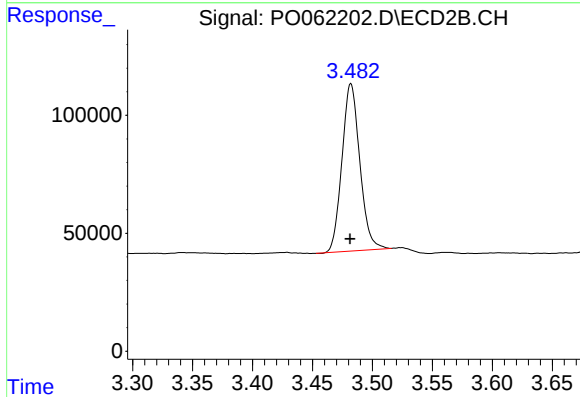
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

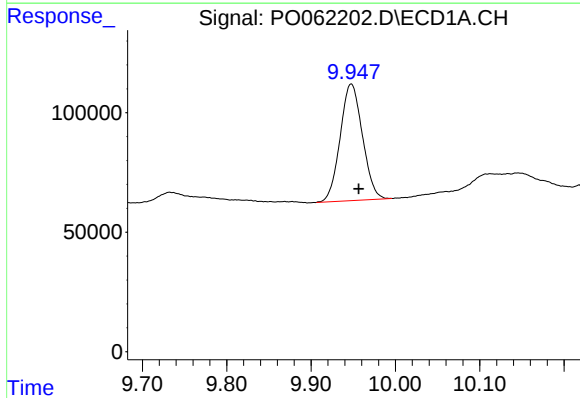
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 1078992
Conc: 17.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



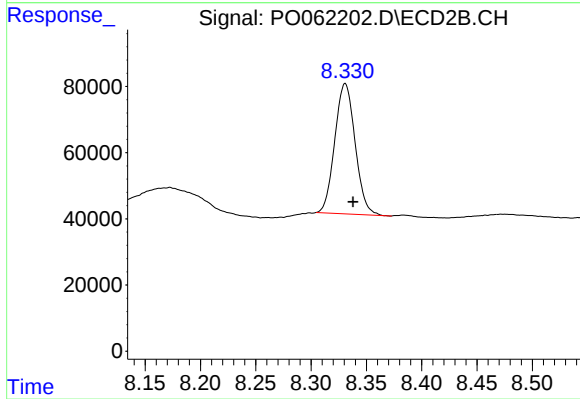
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 734459
Conc: 17.13 ng/ml



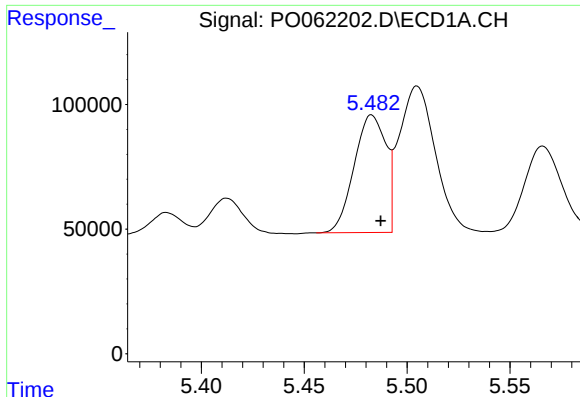
#2 Decachlorobiphenyl

R.T.: 9.948 min
Delta R.T.: -0.009 min
Response: 896517
Conc: 16.02 ng/ml



#2 Decachlorobiphenyl

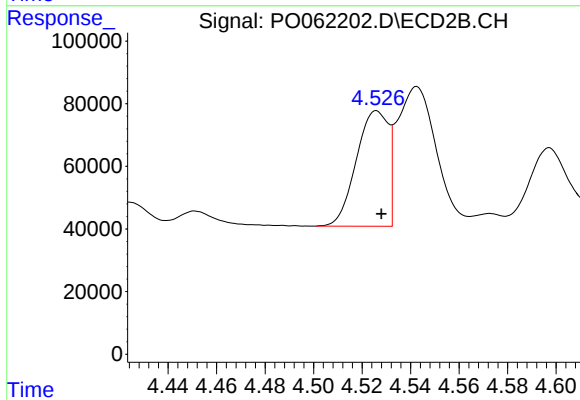
R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 504696
Conc: 17.20 ng/ml



#3 AR-1016-1

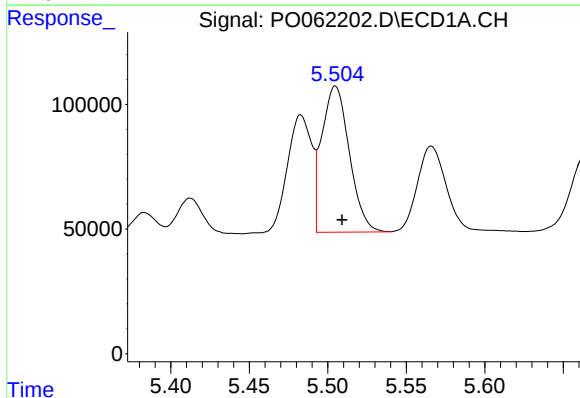
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 506791
Conc: 214.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



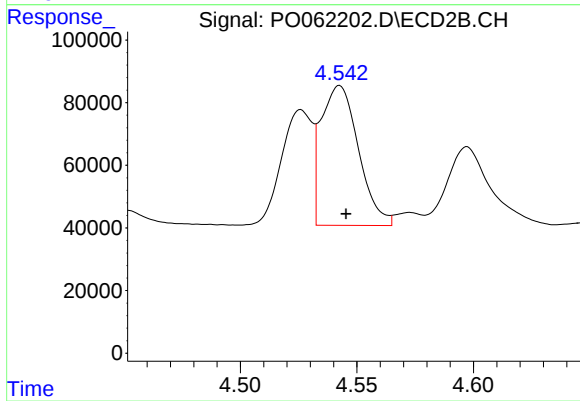
#3 AR-1016-1

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 338149
Conc: 216.19 ng/ml



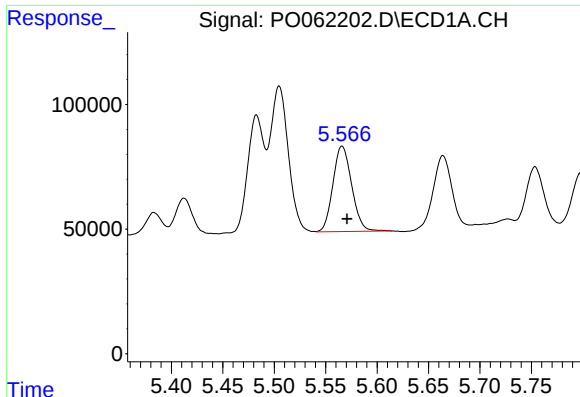
#4 AR-1016-2

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 716673
Conc: 210.40 ng/ml



#4 AR-1016-2

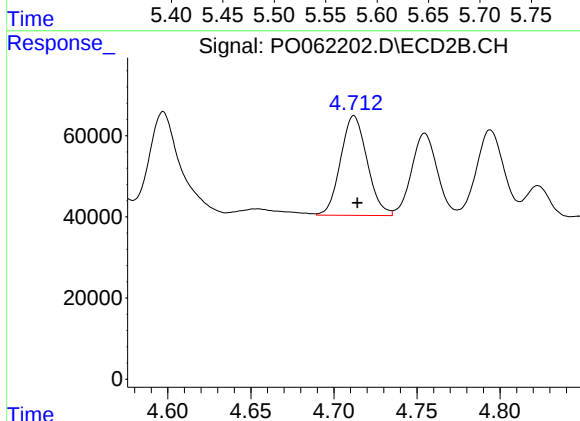
R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 499542
Conc: 214.77 ng/ml



#5 AR-1016-3

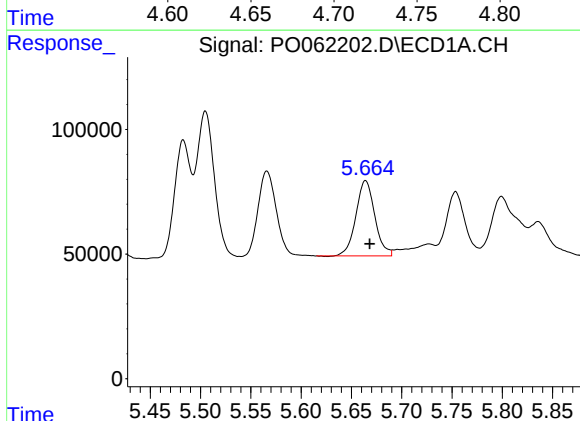
R.T.: 5.566 min
Delta R.T.: -0.005 min
Response: 434950
Conc: 210.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



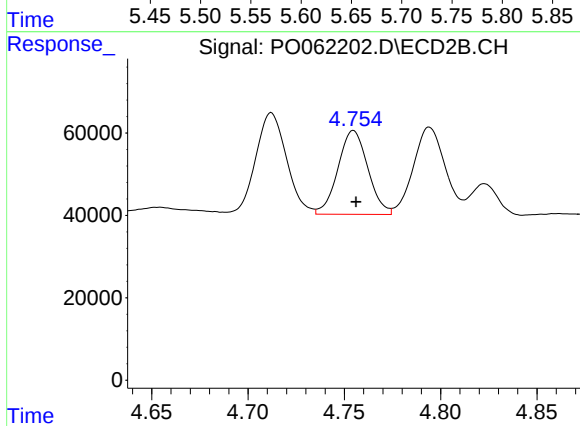
#5 AR-1016-3

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 273317
Conc: 221.12 ng/ml



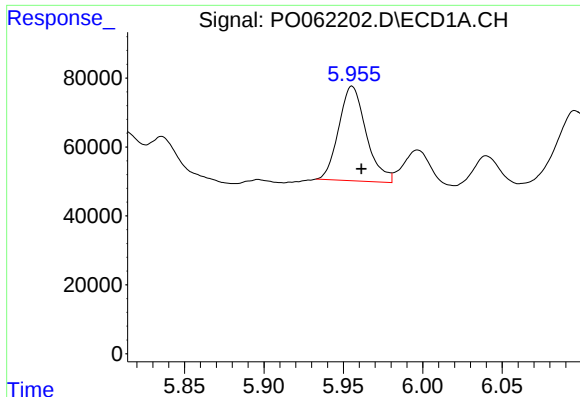
#6 AR-1016-4

R.T.: 5.664 min
Delta R.T.: -0.004 min
Response: 394590
Conc: 232.81 ng/ml



#6 AR-1016-4

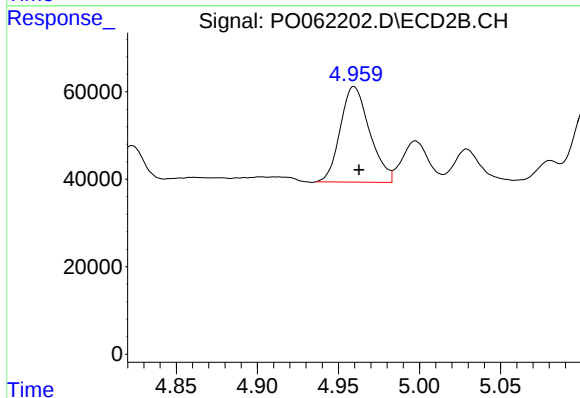
R.T.: 4.755 min
Delta R.T.: -0.001 min
Response: 219542
Conc: 223.41 ng/ml



#7 AR-1016-5

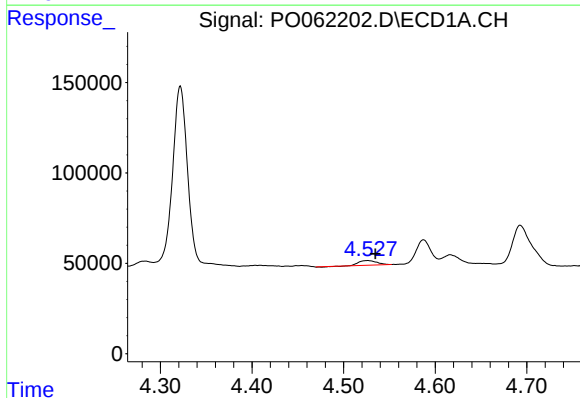
R.T.: 5.956 min
Delta R.T.: -0.006 min
Response: 330190
Conc: 185.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



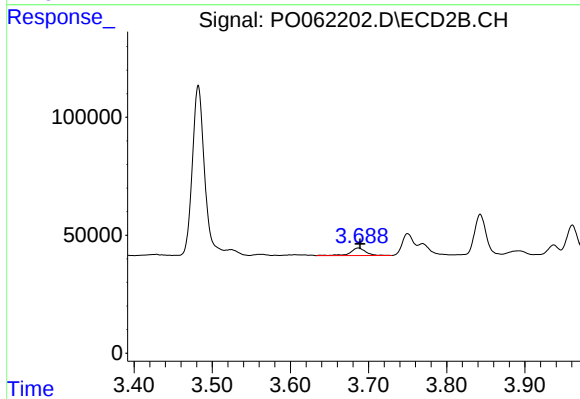
#7 AR-1016-5

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 275617
Conc: 213.73 ng/ml



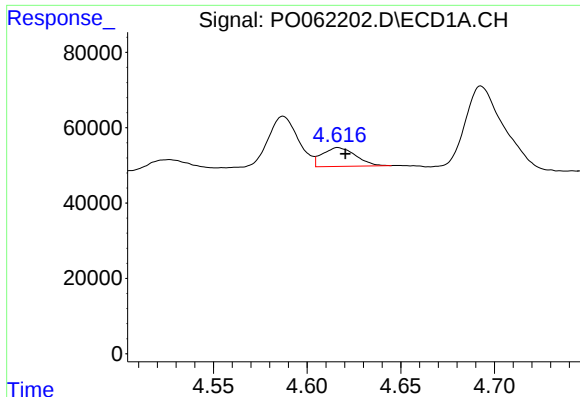
#8 AR-1221-1

R.T.: 4.526 min
Delta R.T.: -0.009 min
Response: 34453
Conc: 49.51 ng/ml



#8 AR-1221-1

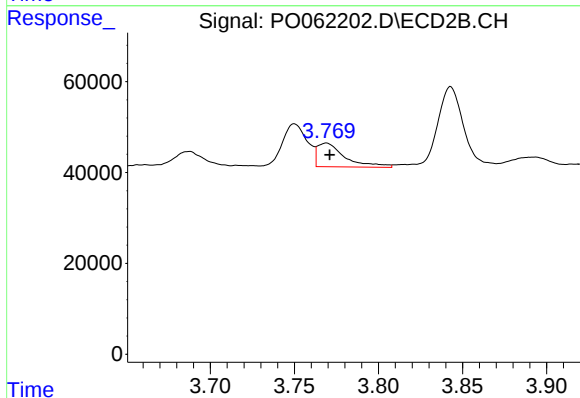
R.T.: 3.687 min
Delta R.T.: -0.002 min
Response: 43439
Conc: 85.43 ng/ml



#9 AR-1221-2

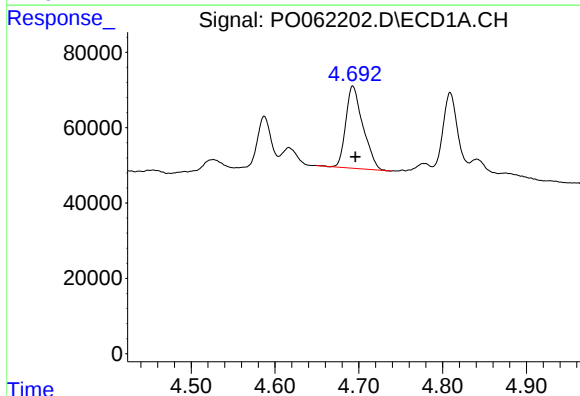
R.T.: 4.617 min
Delta R.T.: -0.004 min
Response: 61890
Conc: 118.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



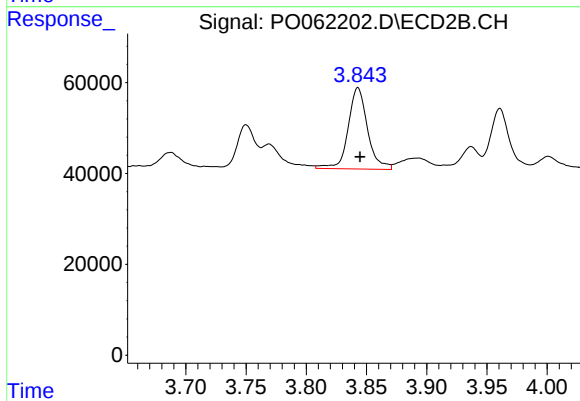
#9 AR-1221-2

R.T.: 3.769 min
Delta R.T.: -0.002 min
Response: 59344
Conc: 154.44 ng/ml



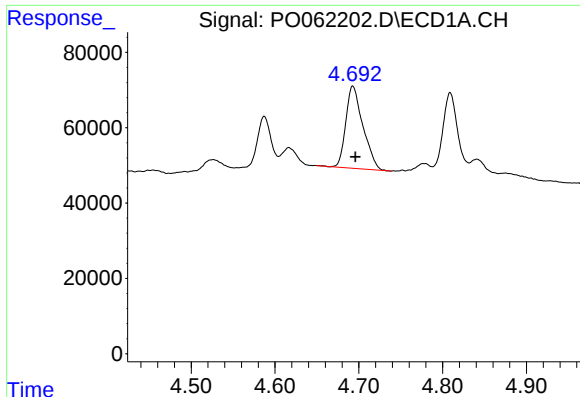
#10 AR-1221-3

R.T.: 4.693 min
Delta R.T.: -0.003 min
Response: 310730
Conc: 190.33 ng/ml



#10 AR-1221-3

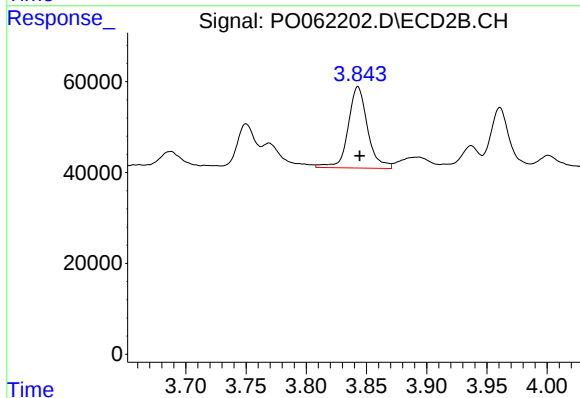
R.T.: 3.843 min
Delta R.T.: -0.002 min
Response: 200895
Conc: 170.71 ng/ml



#11 AR-1232-1

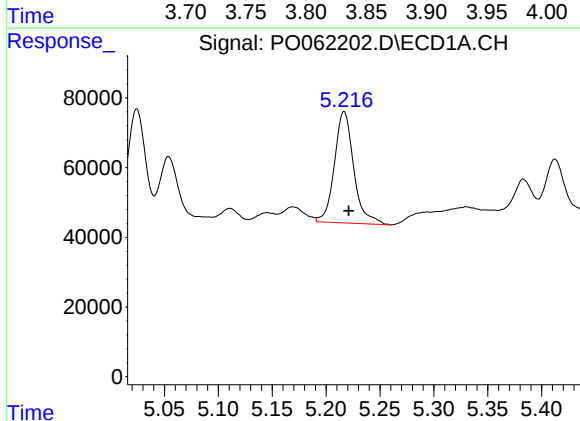
R.T.: 4.693 min
Delta R.T.: -0.003 min
Response: 310730
Conc: 142.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



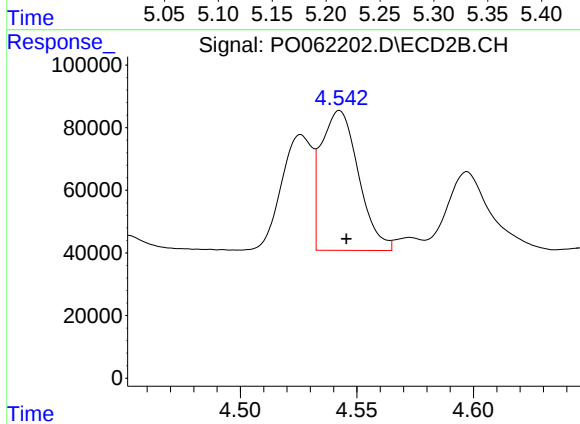
#11 AR-1232-1

R.T.: 3.843 min
Delta R.T.: -0.001 min
Response: 200895
Conc: 129.65 ng/ml



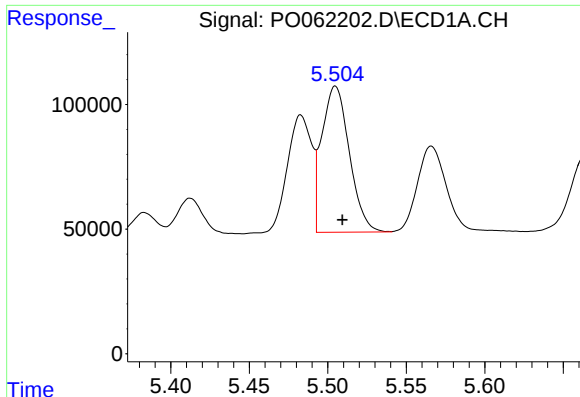
#12 AR-1232-2

R.T.: 5.217 min
Delta R.T.: -0.004 min
Response: 398818
Conc: 334.27 ng/ml



#12 AR-1232-2

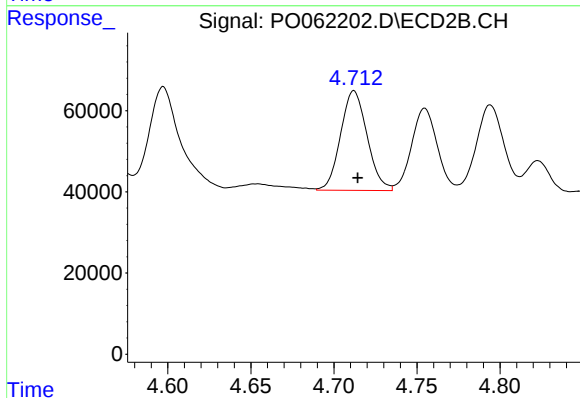
R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 499542
Conc: 289.34 ng/ml



#13 AR-1232-3

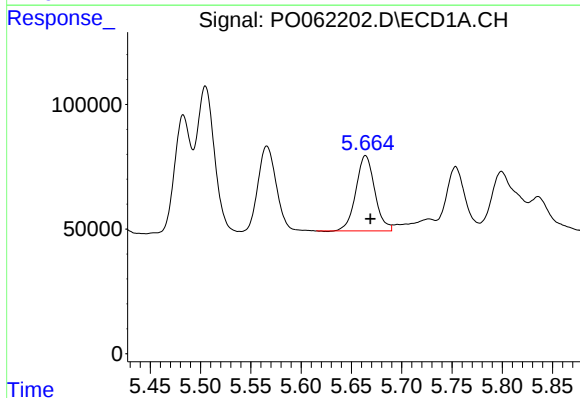
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 716673
Conc: 280.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



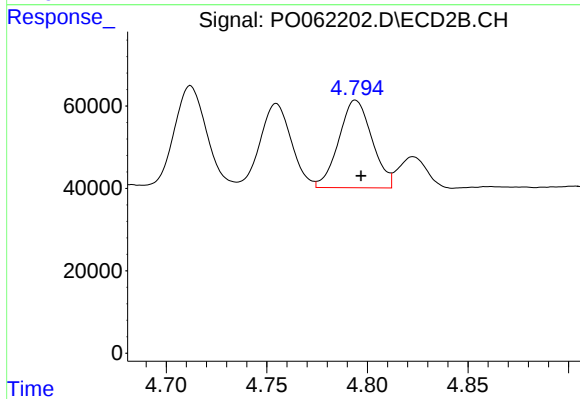
#13 AR-1232-3

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 273317
Conc: 299.02 ng/ml



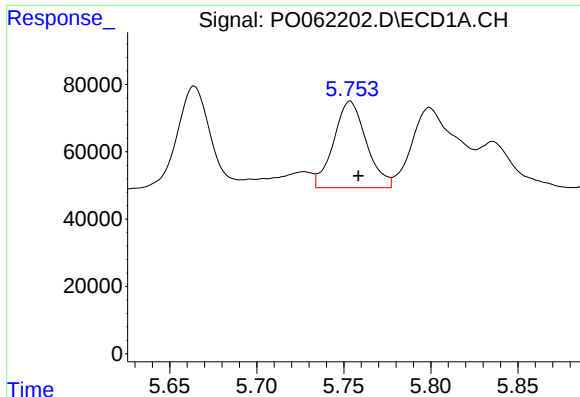
#14 AR-1232-4

R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 394590
Conc: 306.96 ng/ml



#14 AR-1232-4

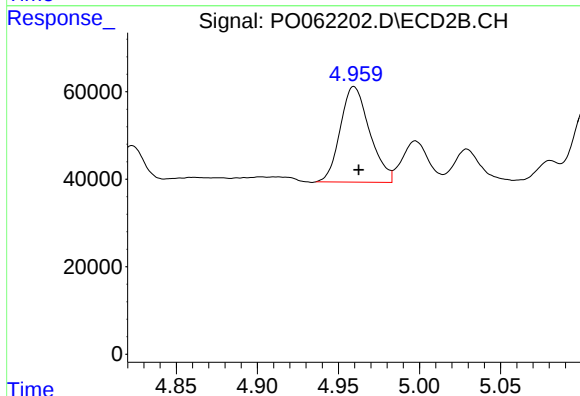
R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 244359
Conc: 300.37 ng/ml



#15 AR-1232-5

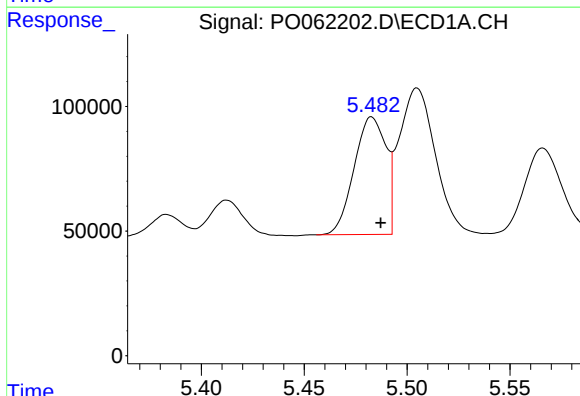
R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 336856
Conc: 340.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



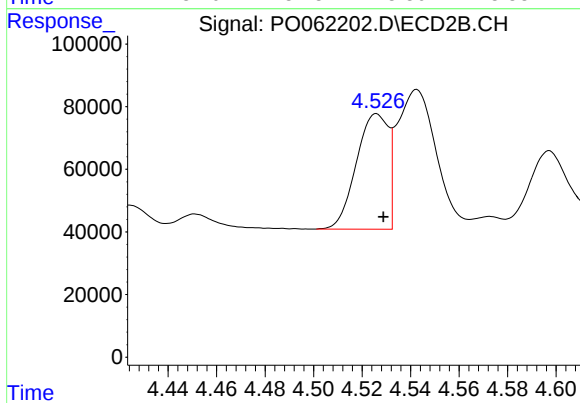
#15 AR-1232-5

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 275617
Conc: 312.08 ng/ml



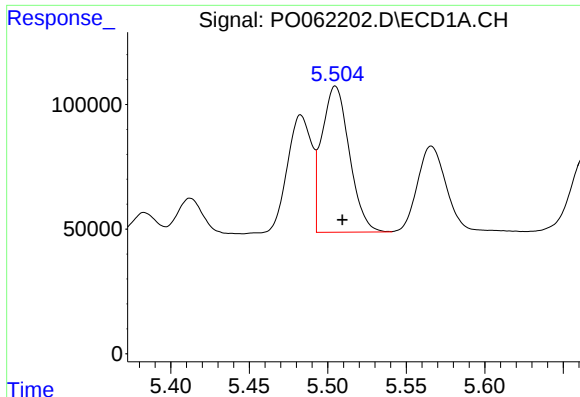
#16 AR-1242-1

R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 506791
Conc: 273.50 ng/ml



#16 AR-1242-1

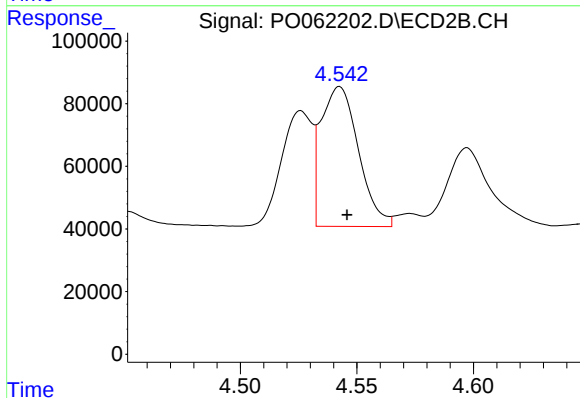
R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 338149
Conc: 281.17 ng/ml



#17 AR-1242-2

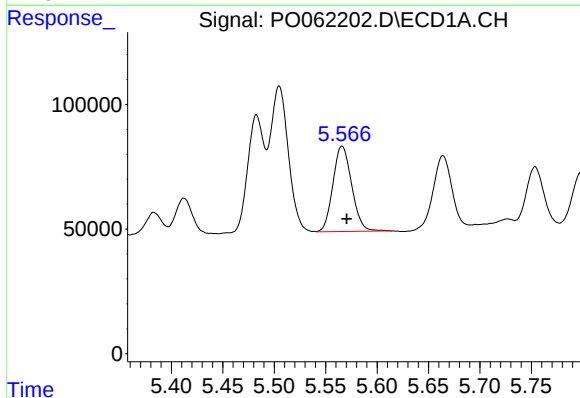
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 716673
Conc: 270.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



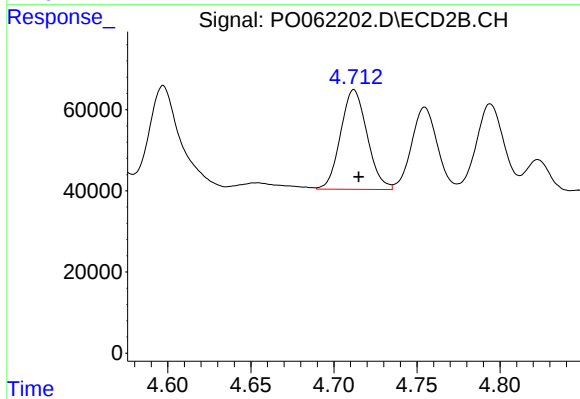
#17 AR-1242-2

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 499542
Conc: 280.45 ng/ml



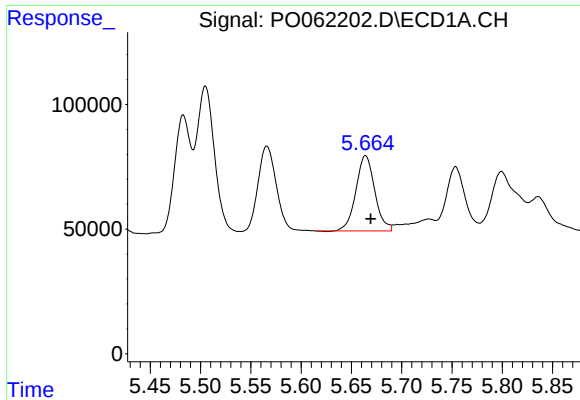
#18 AR-1242-3

R.T.: 5.566 min
Delta R.T.: -0.005 min
Response: 434950
Conc: 266.33 ng/ml



#18 AR-1242-3

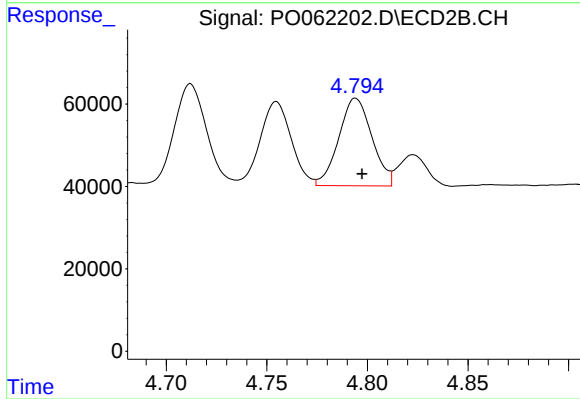
R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 273317
Conc: 287.09 ng/ml



#19 AR-1242-4

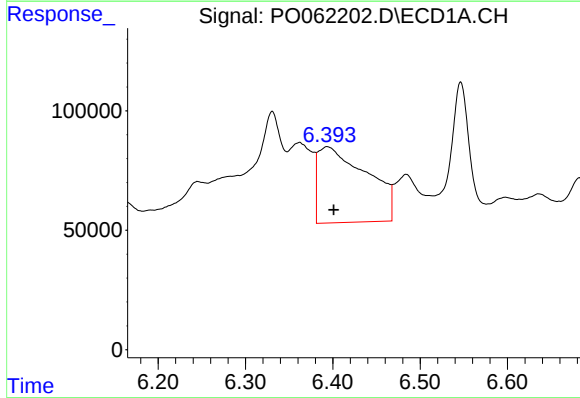
R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 394590
Conc: 292.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



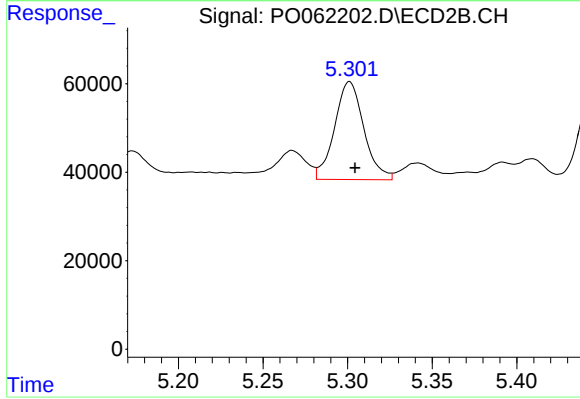
#19 AR-1242-4

R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 244359
Conc: 258.84 ng/ml



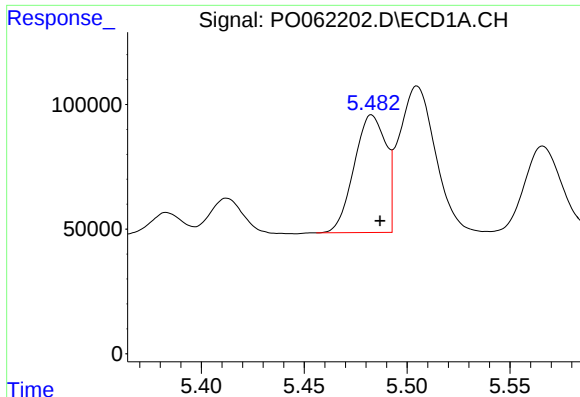
#20 AR-1242-5

R.T.: 6.394 min
Delta R.T.: -0.008 min
Response: 1234940
Conc: 807.98 ng/ml



#20 AR-1242-5

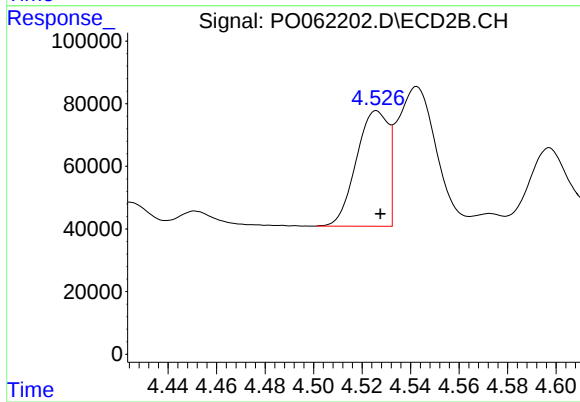
R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 266871
Conc: 223.65 ng/ml



#21 AR-1248-1

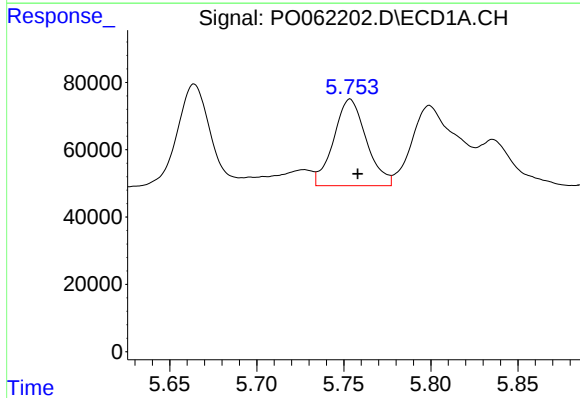
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 506791
Conc: 353.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



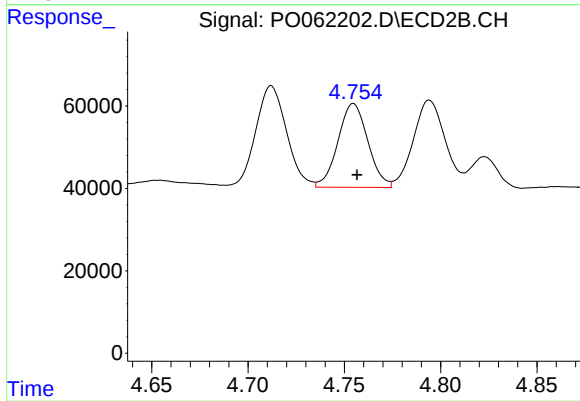
#21 AR-1248-1

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 338149
Conc: 344.44 ng/ml



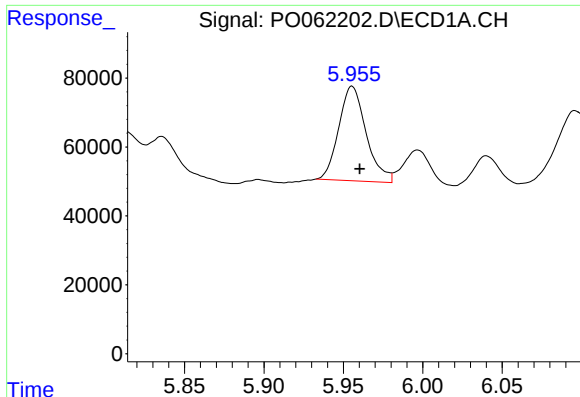
#22 AR-1248-2

R.T.: 5.754 min
Delta R.T.: -0.004 min
Response: 336856
Conc: 168.25 ng/ml



#22 AR-1248-2

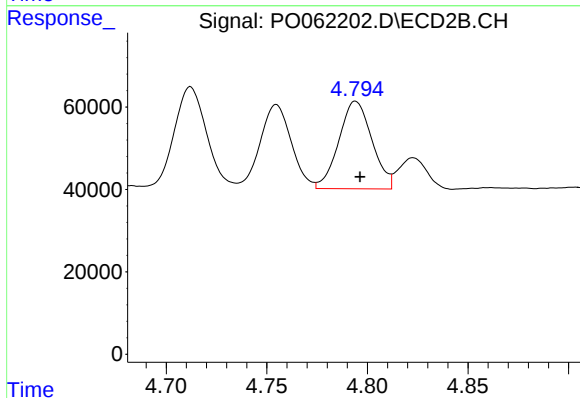
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 219542
Conc: 173.29 ng/ml



#23 AR-1248-3

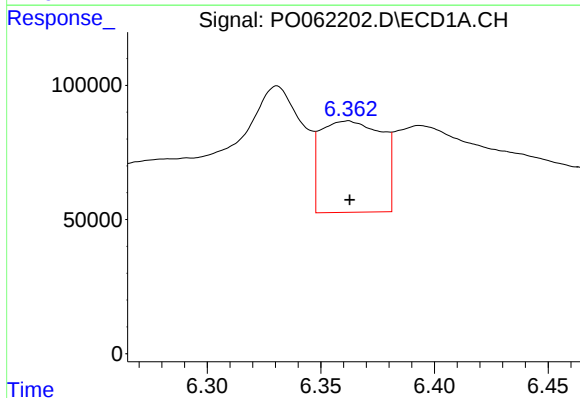
R.T.: 5.956 min
Delta R.T.: -0.005 min
Response: 330190
Conc: 149.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



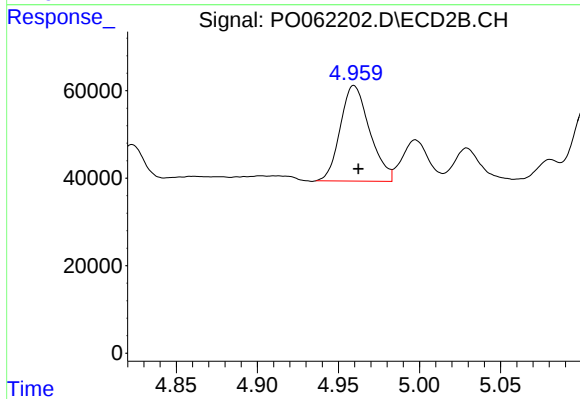
#23 AR-1248-3

R.T.: 4.794 min
Delta R.T.: -0.002 min
Response: 244359
Conc: 184.08 ng/ml



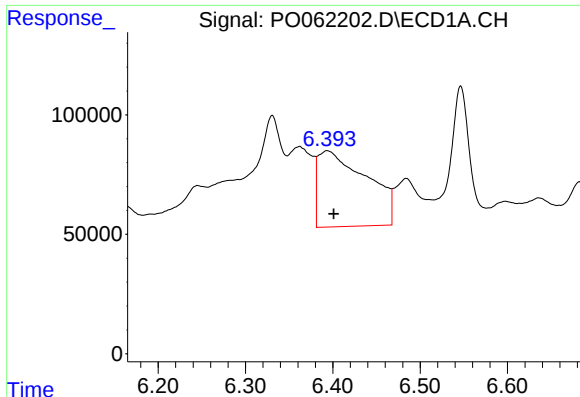
#24 AR-1248-4

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 639847
Conc: 250.46 ng/ml



#24 AR-1248-4

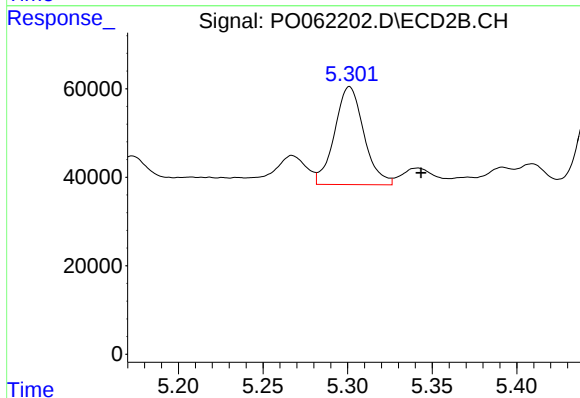
R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 275617
Conc: 174.18 ng/ml



#25 AR-1248-5

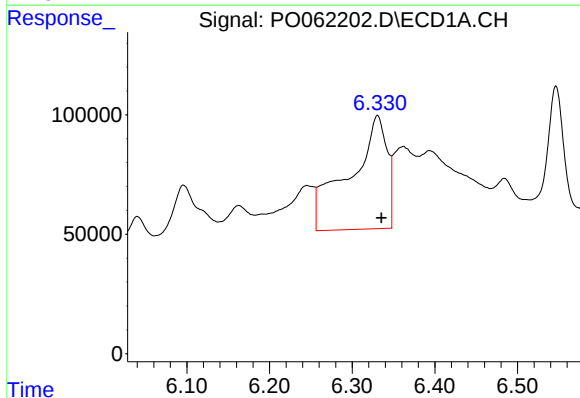
R.T.: 6.394 min
Delta R.T.: -0.007 min
Response: 1234940
Conc: 505.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



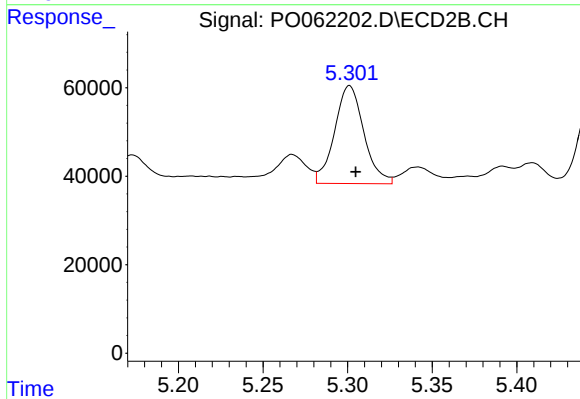
#25 AR-1248-5

R.T.: 5.301 min
Delta R.T.: -0.042 min
Response: 266871
Conc: 173.41 ng/ml



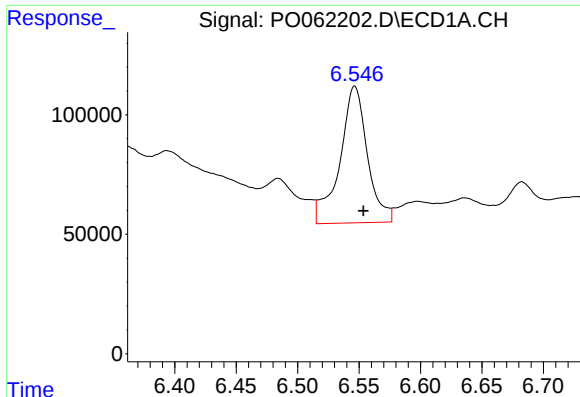
#26 AR-1254-1

R.T.: 6.331 min
Delta R.T.: -0.005 min
Response: 1499128
Conc: 562.39 ng/ml



#26 AR-1254-1

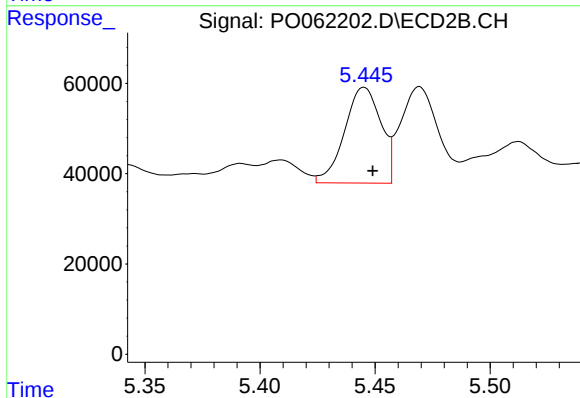
R.T.: 5.301 min
Delta R.T.: -0.004 min
Response: 266871
Conc: 109.11 ng/ml



#27 AR-1254-2

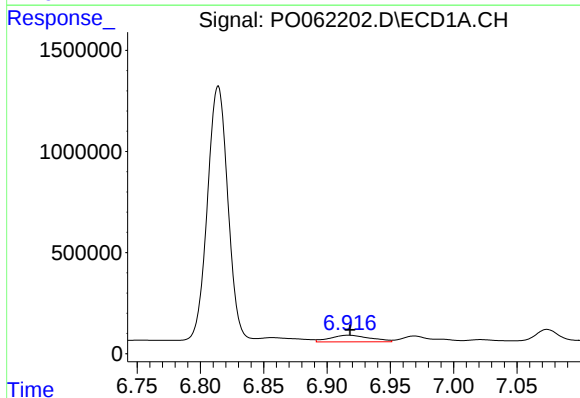
R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 893096
Conc: 218.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



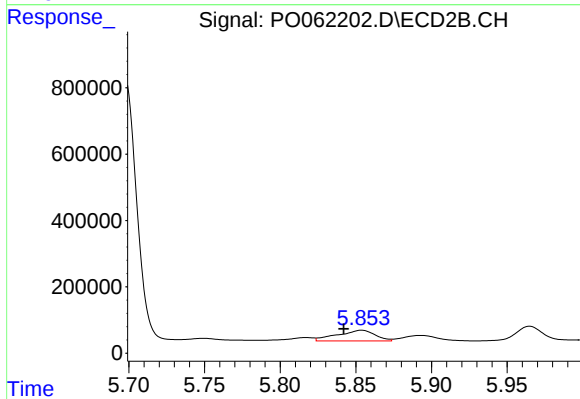
#27 AR-1254-2

R.T.: 5.445 min
Delta R.T.: -0.004 min
Response: 233743
Conc: 110.37 ng/ml



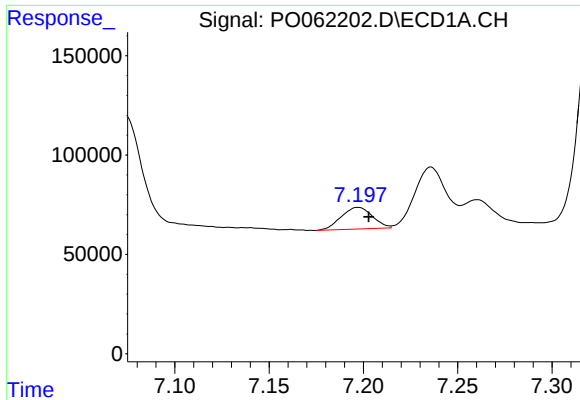
#28 AR-1254-3

R.T.: 6.917 min
Delta R.T.: -0.002 min
Response: 709524
Conc: 169.58 ng/ml



#28 AR-1254-3

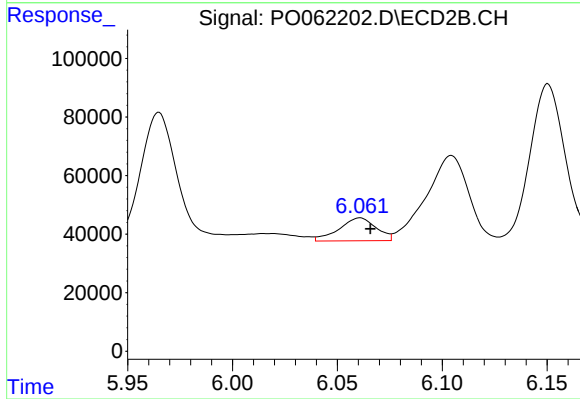
R.T.: 5.854 min
Delta R.T.: 0.012 min
Response: 554825
Conc: 170.29 ng/ml



#29 AR-1254-4

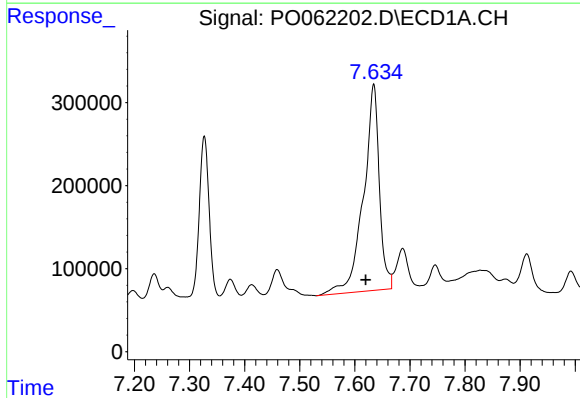
R.T.: 7.197 min
Delta R.T.: -0.006 min
Response: 125563
Conc: 41.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



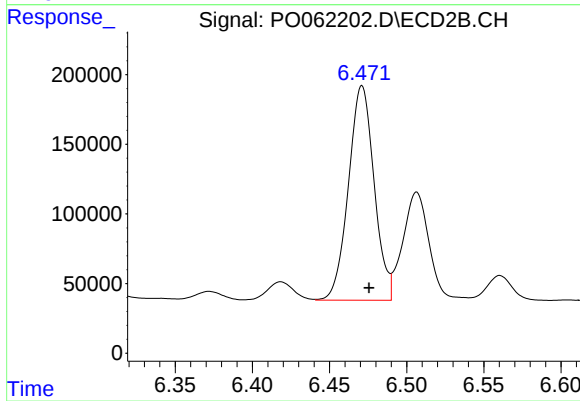
#29 AR-1254-4

R.T.: 6.061 min
Delta R.T.: -0.005 min
Response: 96261
Conc: 49.84 ng/ml



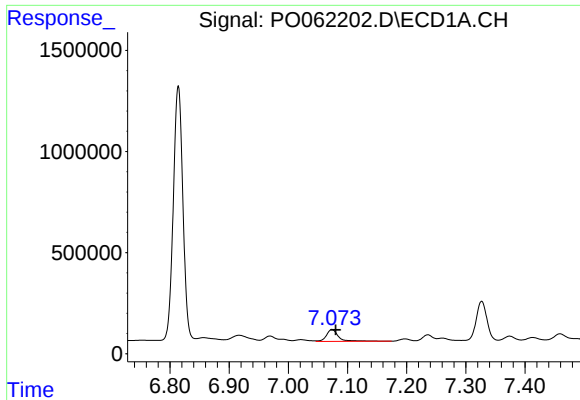
#30 AR-1254-5

R.T.: 7.634 min
Delta R.T.: 0.014 min
Response: 4980608
Conc: 1589.27 ng/ml



#30 AR-1254-5

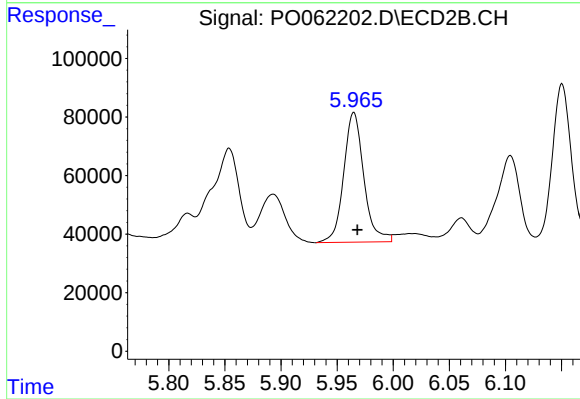
R.T.: 6.471 min
Delta R.T.: -0.005 min
Response: 1780773
Conc: 674.23 ng/ml



#31 AR-1260-1

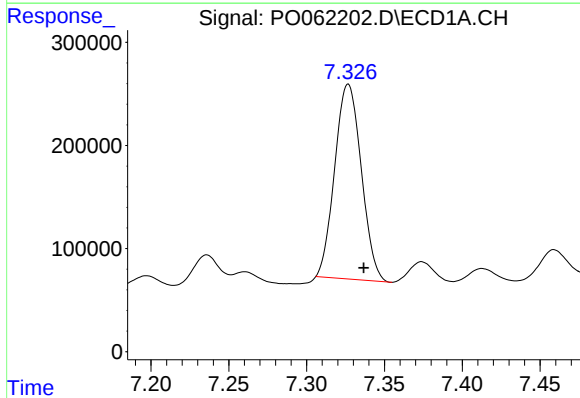
R.T.: 7.074 min
Delta R.T.: -0.006 min
Response: 850821
Conc: 298.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



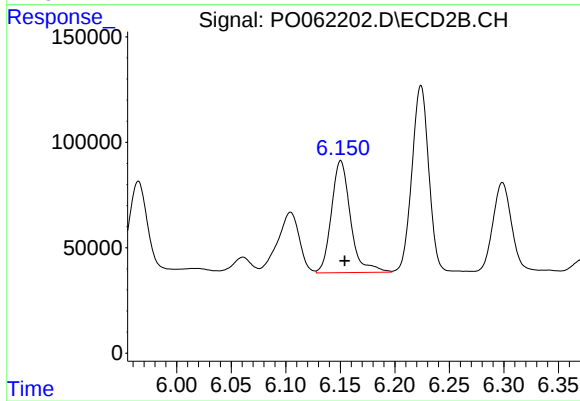
#31 AR-1260-1

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 554553
Conc: 261.00 ng/ml



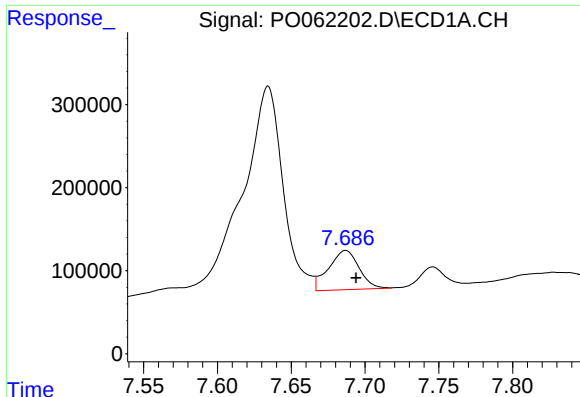
#32 AR-1260-2

R.T.: 7.327 min
Delta R.T.: -0.010 min
Response: 2244764
Conc: 654.34 ng/ml



#32 AR-1260-2

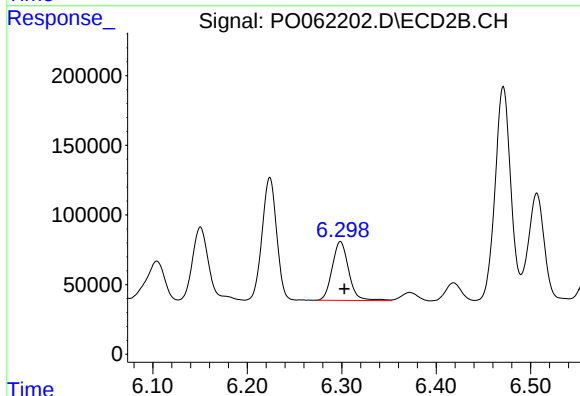
R.T.: 6.150 min
Delta R.T.: -0.003 min
Response: 645904
Conc: 254.53 ng/ml



#33 AR-1260-3

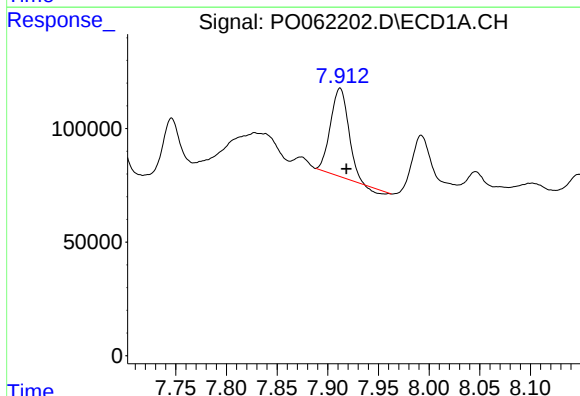
R.T.: 7.687 min
Delta R.T.: -0.007 min
Response: 681389
Conc: 257.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



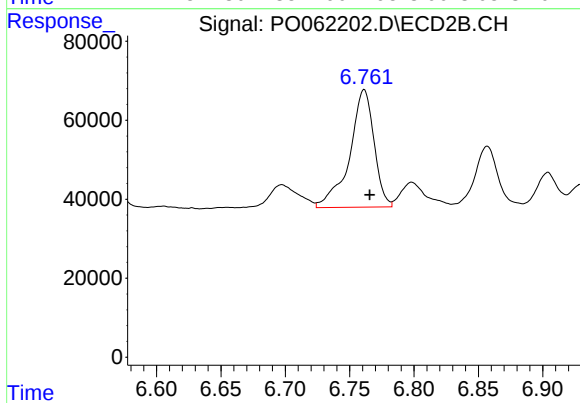
#33 AR-1260-3

R.T.: 6.299 min
Delta R.T.: -0.004 min
Response: 511124
Conc: 226.35 ng/ml



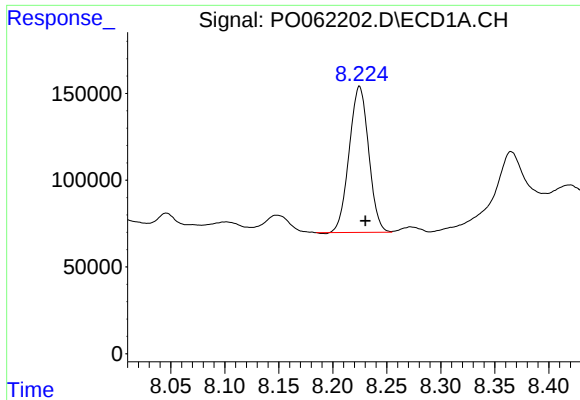
#34 AR-1260-4

R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 470999
Conc: 168.39 ng/ml



#34 AR-1260-4

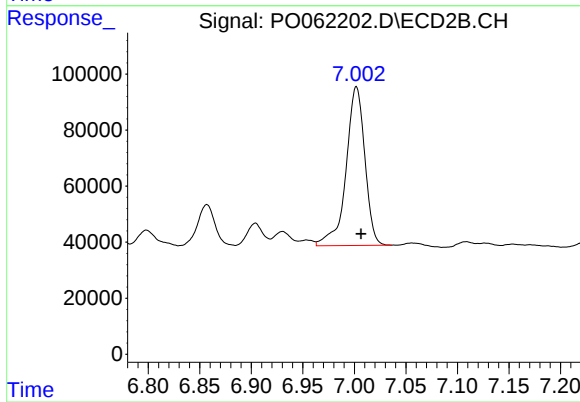
R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 393203
Conc: 223.94 ng/ml



#35 AR-1260-5

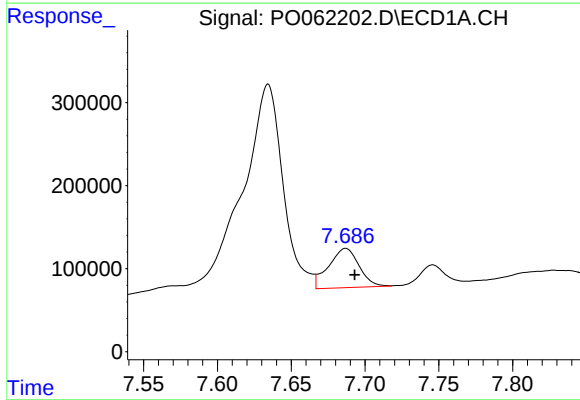
R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 1054739
Conc: 201.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



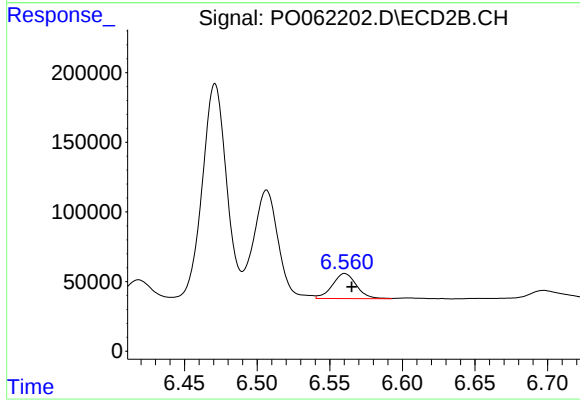
#35 AR-1260-5

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 720446
Conc: 199.99 ng/ml



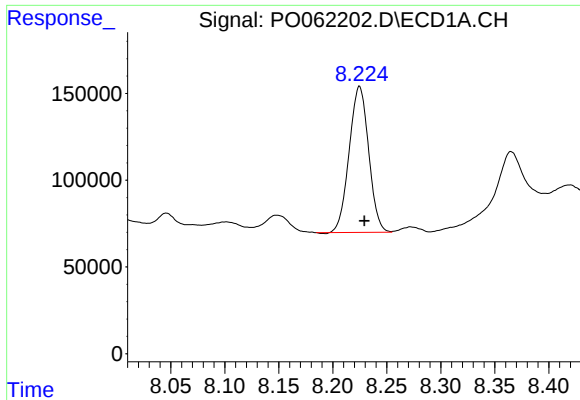
#36 AR-1262-1

R.T.: 7.687 min
Delta R.T.: -0.006 min
Response: 681389
Conc: 165.99 ng/ml



#36 AR-1262-1

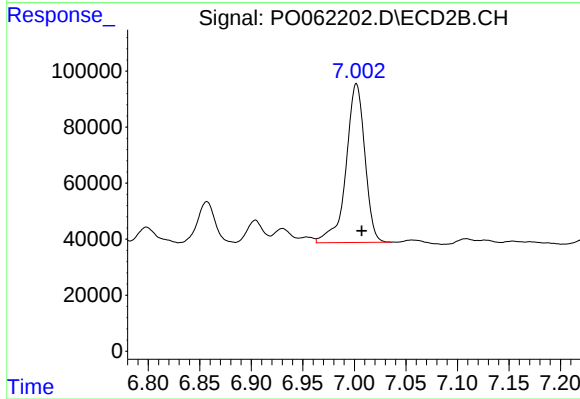
R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 207528
Conc: 174.13 ng/ml



#37 AR-1262-2

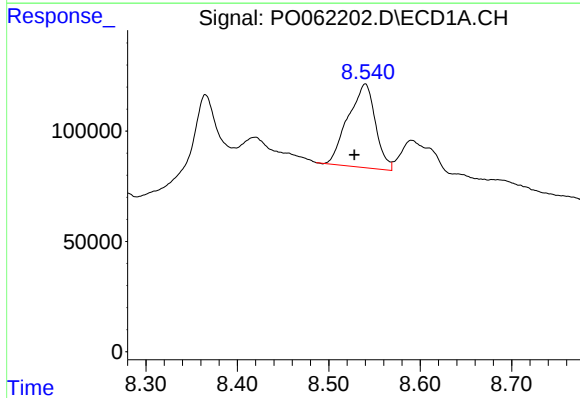
R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 1054739
Conc: 163.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



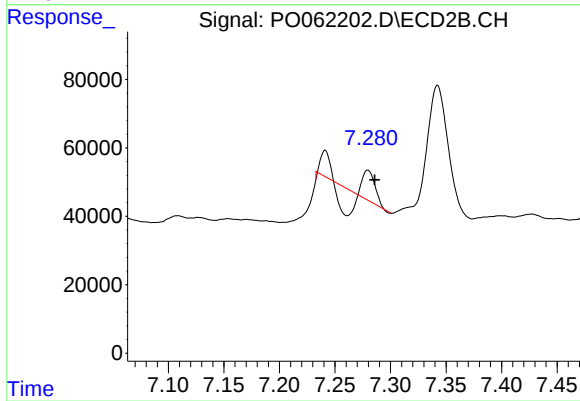
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 720446
Conc: 171.46 ng/ml



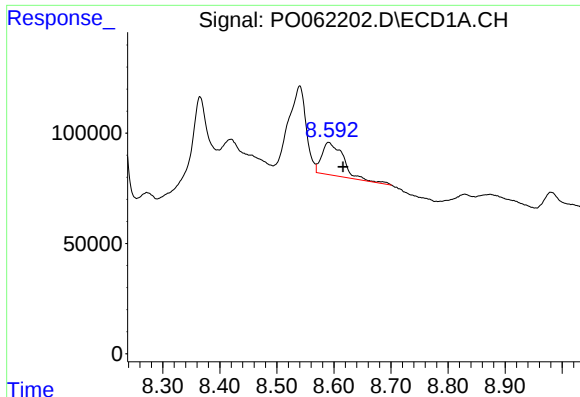
#38 AR-1262-3

R.T.: 8.540 min
Delta R.T.: 0.012 min
Response: 786258
Conc: 178.80 ng/ml



#38 AR-1262-3

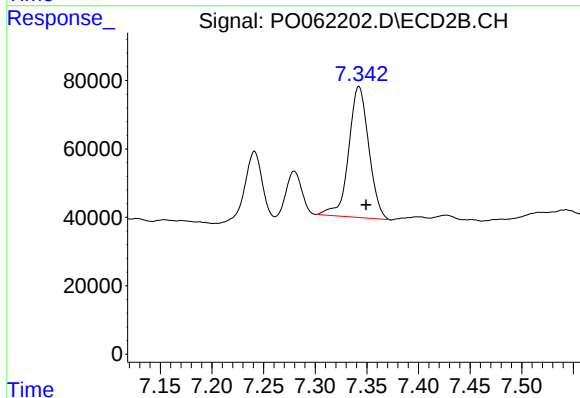
R.T.: 7.280 min
Delta R.T.: -0.006 min
Response: 17315
Conc: 9.84 ng/ml



#39 AR-1262-4

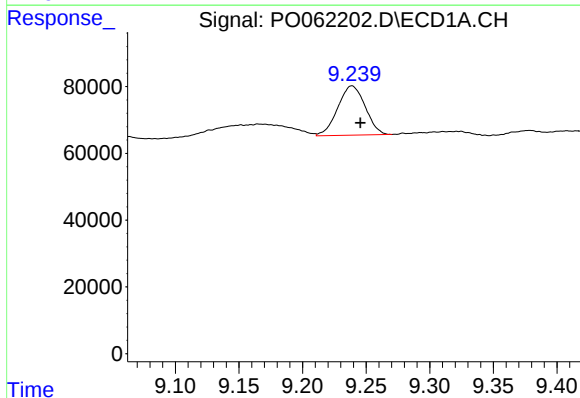
R.T.: 8.591 min
Delta R.T.: -0.025 min
Response: 384524
Conc: 111.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



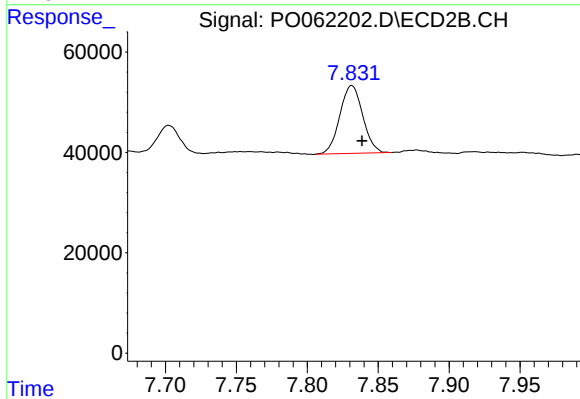
#39 AR-1262-4

R.T.: 7.342 min
Delta R.T.: -0.007 min
Response: 517089
Conc: 169.14 ng/ml



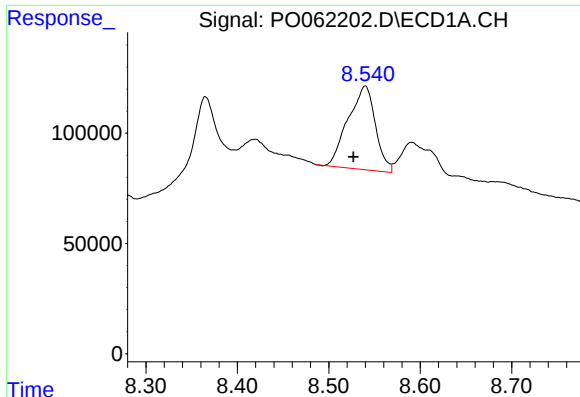
#40 AR-1262-5

R.T.: 9.239 min
Delta R.T.: -0.007 min
Response: 222227
Conc: 98.39 ng/ml



#40 AR-1262-5

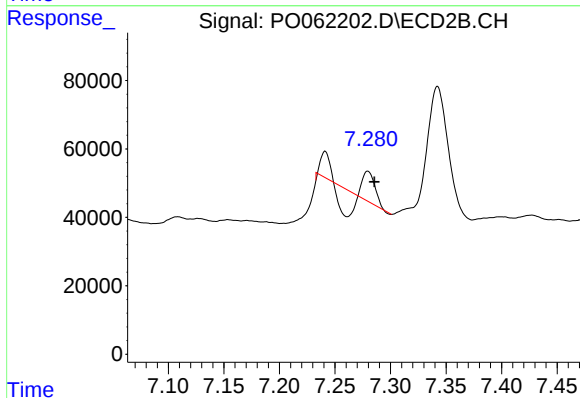
R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 152091
Conc: 116.45 ng/ml



#41 AR-1268-1

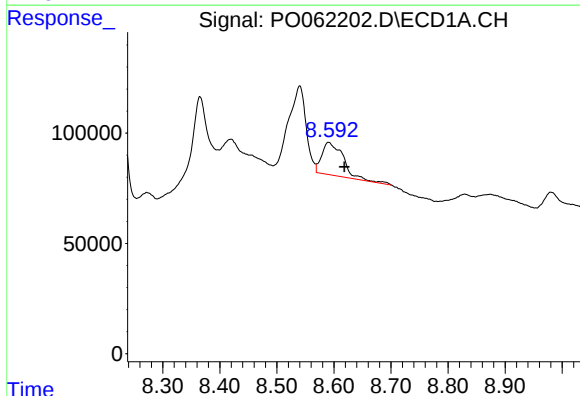
R.T.: 8.540 min
Delta R.T.: 0.013 min
Response: 786258
Conc: 103.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



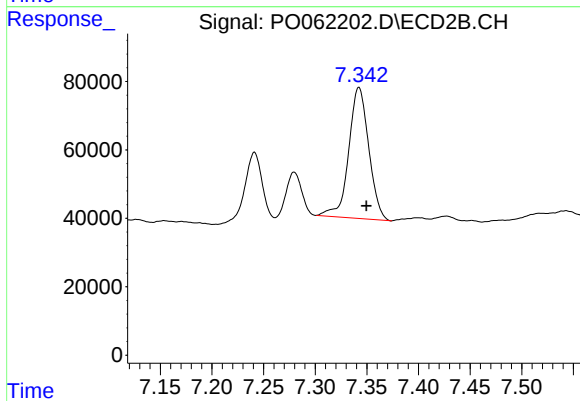
#41 AR-1268-1

R.T.: 7.280 min
Delta R.T.: -0.006 min
Response: 17315
Conc: 3.70 ng/ml



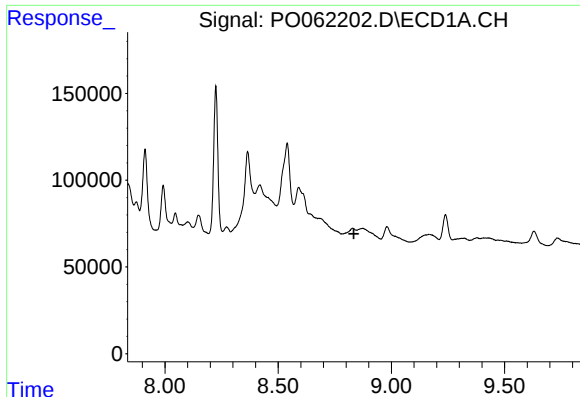
#42 AR-1268-2

R.T.: 8.591 min
Delta R.T.: -0.028 min
Response: 384524
Conc: 54.74 ng/ml



#42 AR-1268-2

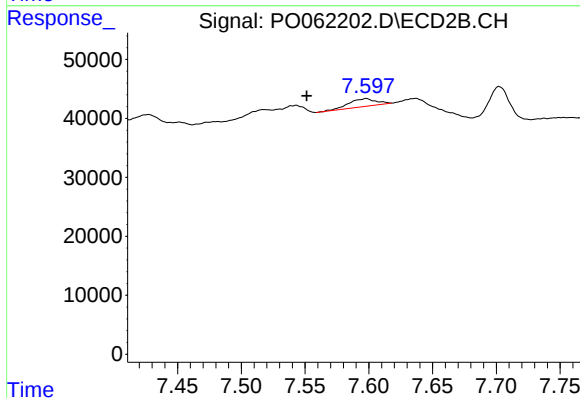
R.T.: 7.342 min
Delta R.T.: -0.007 min
Response: 517089
Conc: 123.77 ng/ml



#43 AR-1268-3

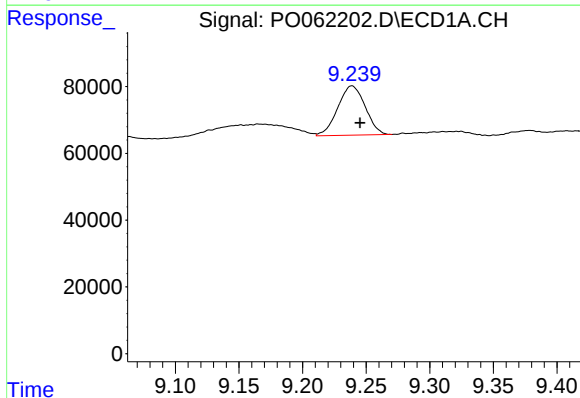
R.T.: 0.000 min
Exp R.T.: 8.834 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



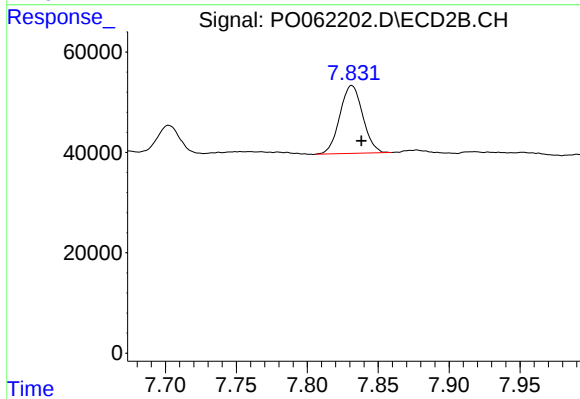
#43 AR-1268-3

R.T.: 7.598 min
Delta R.T.: 0.047 min
Response: 19642
Conc: 5.64 ng/ml



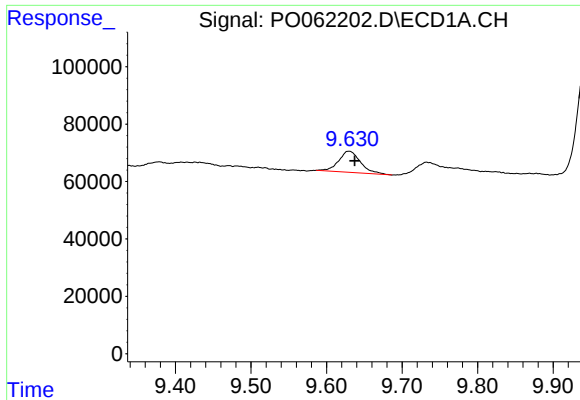
#44 AR-1268-4

R.T.: 9.239 min
Delta R.T.: -0.006 min
Response: 222227
Conc: 93.53 ng/ml



#44 AR-1268-4

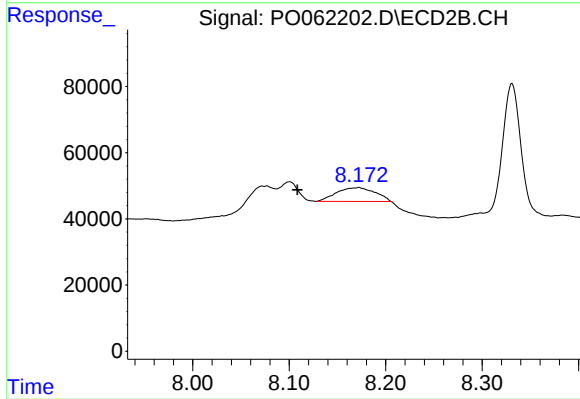
R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 152091
Conc: 106.74 ng/ml



#45 AR-1268-5

R.T.: 9.630 min
Delta R.T.: -0.008 min
Response: 148756
Conc: 8.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.172 min
Delta R.T.: 0.064 min
Response: 114868
Conc: 12.41 ng/ml