

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091219\
 Data File : P0060683.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Sep 2019 9:47
 Operator : SM/AJ
 Sample : K4814-02DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WC-2DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:17:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 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...	4.381	3.532	436641	376222	10.523	12.249
2)	SA Decachlor...	10.045	8.420	426516	329537	8.086	8.902
Target Compounds							
3)	L1 AR-1016-1	5.546	4.587	163743	149661	100.639	119.181
4)	L1 AR-1016-2	5.546	4.606	163743	146825	69.825	84.029
5)	L1 AR-1016-3	5.629	4.788	73776	271636	50.679	285.661 #
6)	L1 AR-1016-4	5.726	4.819	96902	410691	78.818	498.313 #
7)	L1 AR-1016-5	6.019	5.026	629610	346472	510.436	326.089 #
10)	L2 AR-1221-3	0.000	3.940	0	173671	N.D.	189.798 #
11)	L3 AR-1232-1	0.000	3.940	0	173671	N.D.	177.638 #
12)	L3 AR-1232-2	5.279	4.606	91405	146825	134.063	139.329
13)	L3 AR-1232-3	5.546	4.788	163743	271636	116.786	479.680 #
14)	L3 AR-1232-4	5.726	4.859	96902	270216	132.521	496.867 #
15)	L3 AR-1232-5	5.816	5.026	517241	346472	989.349	580.706 #
16)	L4 AR-1242-1	5.546	4.587	163743	149661	135.916	162.794
17)	L4 AR-1242-2	5.546	4.606	163743	146825	94.679	114.461
18)	L4 AR-1242-3	5.629	4.788	73776	271636	67.006	380.436 #
19)	L4 AR-1242-4	5.726	4.859	96902	270216	107.641	360.393 #
20)	L4 AR-1242-5	6.461	5.370	927287	1209204	850.726	1238.413 #
21)	L5 AR-1248-1	5.546	4.587	163743	149661	178.445	207.043
22)	L5 AR-1248-2	5.816	4.819	517241	410691	386.086	419.362
23)	L5 AR-1248-3	6.019	4.859	629610	270216	420.084	264.768 #
24)	L5 AR-1248-4	6.422	5.026	732147	346472	416.274	284.950 #
25)	L5 AR-1248-5	6.461	5.409	927287	423184	554.312	347.830 #
26)	L6 AR-1254-1	6.395	5.370	1312168	1209204	719.501	637.310
27)	L6 AR-1254-2	6.613	5.515	2192823	1029020	756.626	602.130
28)	L6 AR-1254-3	6.978	5.910	2648530	2075191	830.480	739.930
29)	L6 AR-1254-4	7.262	6.134	1857932	1220329	773.709	683.070
30)	L6 AR-1254-5	7.679	6.546	3182394	2446281	1169.878	932.269
31)	L7 AR-1260-1	7.140	6.038	1045923	1075713	418.419	523.102 #
32)	L7 AR-1260-2	7.395	6.223	1433010	1064549	461.157	425.177
33)	L7 AR-1260-3	7.741	6.372	324616	845425	129.773	363.889 #
34)	L7 AR-1260-4	7.966	6.839	1037569	165894	350.440	81.679 #
35)	L7 AR-1260-5	8.292	7.077	451743	368884	80.427	80.528
36)	L8 AR-1262-1	7.741	6.612	324616	140849	96.661	52.974 #
37)	L8 AR-1262-2	8.292	7.077	451743	368884	77.158	81.258
38)	L8 AR-1262-3	8.611	7.358	385894	78673	96.435	41.503 #
39)	L8 AR-1262-4	8.661	7.419	139332	359656	45.881	104.878 #
40)	L8 AR-1262-5	9.320	7.909	96069	74574	47.894	47.695
41)	L9 AR-1268-1	8.611	7.358	385894	78673	55.900	15.491 #
42)	L9 AR-1268-2	8.661	7.419	139332	359656	21.665	77.428 #
43)	L9 AR-1268-3	0.000	7.626	0	11970	N.D.	3.044 #
44)	L9 AR-1268-4	9.320	7.909	96069	74574	43.303	43.859

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 Operator : SM/AJ
 Sample : K4814-02DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

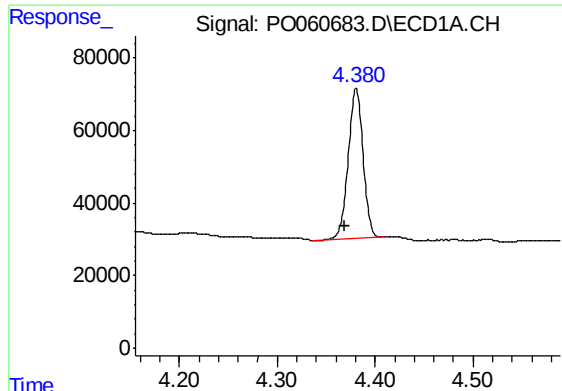
Instrument :
 ECD_O
 ClientSampleId :
 WC-2DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:17:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.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
45) L9	AR-1268-5	9.721	8.183	55929	52572	3.413	4.692 #

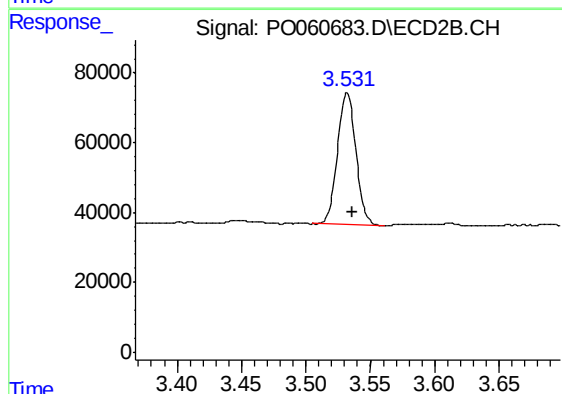
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

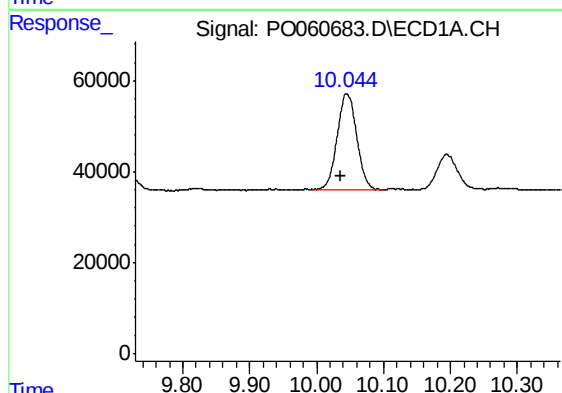
R.T.: 4.381 min
Delta R.T.: 0.012 min
Response: 436641
Conc: 10.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



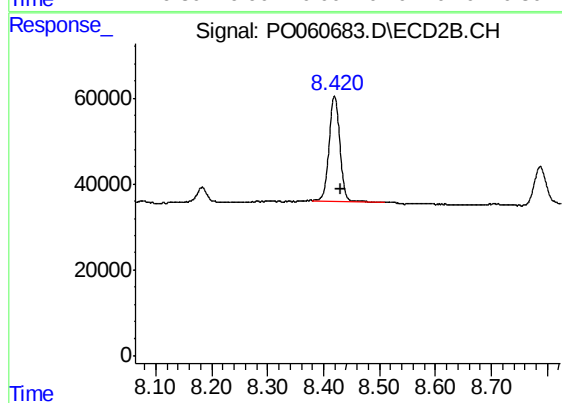
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.004 min
Response: 376222
Conc: 12.25 ng/ml



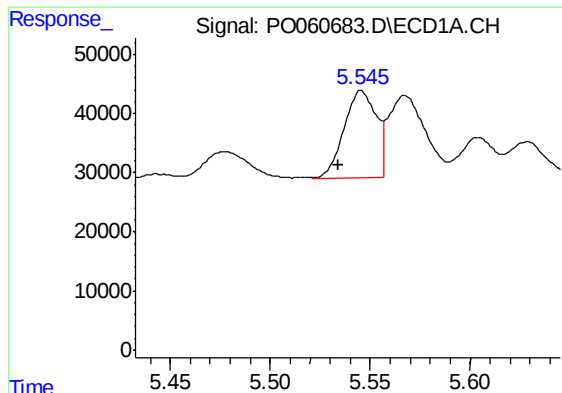
#2 Decachlorobiphenyl

R.T.: 10.045 min
Delta R.T.: 0.007 min
Response: 426516
Conc: 8.09 ng/ml



#2 Decachlorobiphenyl

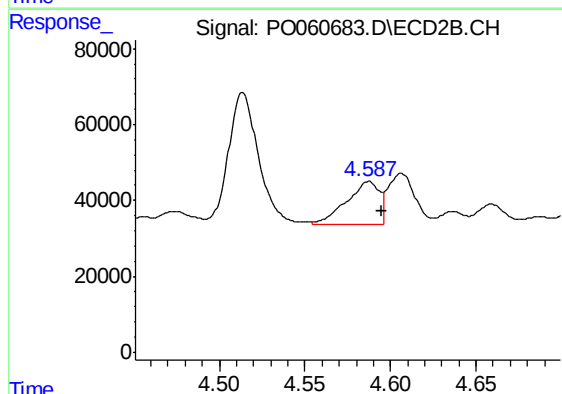
R.T.: 8.420 min
Delta R.T.: -0.011 min
Response: 329537
Conc: 8.90 ng/ml



#3 AR-1016-1

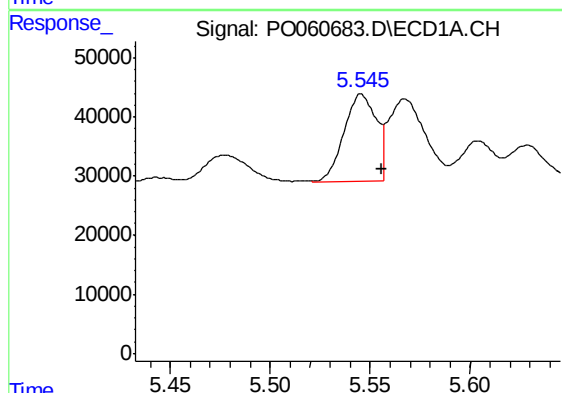
R.T.: 5.546 min
Delta R.T.: 0.012 min
Response: 163743
Conc: 100.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



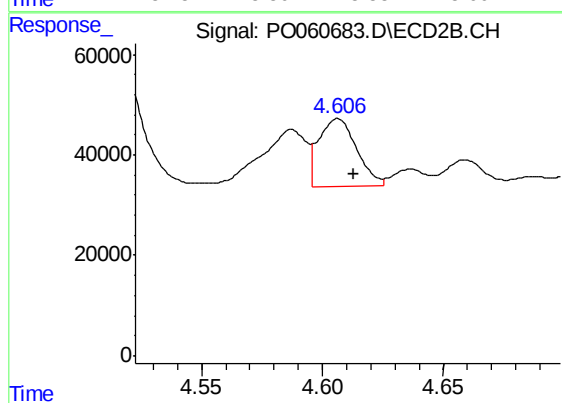
#3 AR-1016-1

R.T.: 4.587 min
Delta R.T.: -0.008 min
Response: 149661
Conc: 119.18 ng/ml



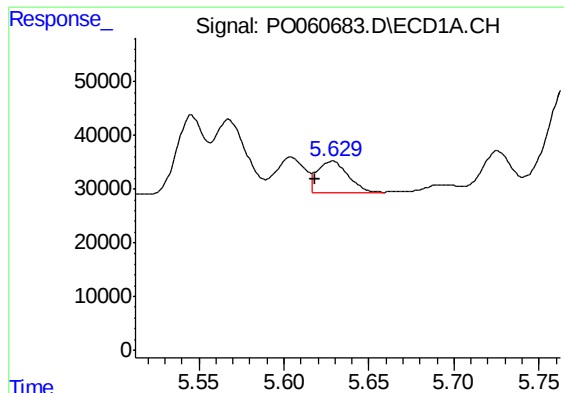
#4 AR-1016-2

R.T.: 5.546 min
Delta R.T.: -0.010 min
Response: 163743
Conc: 69.83 ng/ml



#4 AR-1016-2

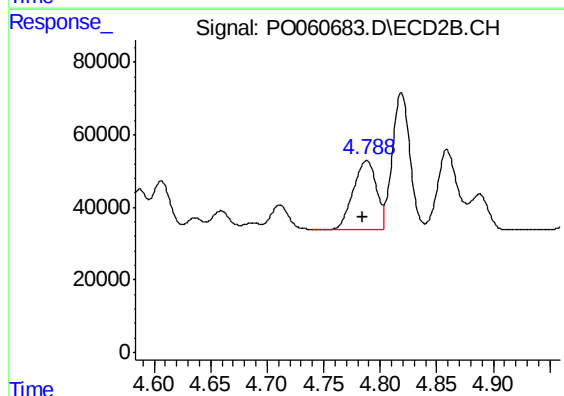
R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 146825
Conc: 84.03 ng/ml



#5 AR-1016-3

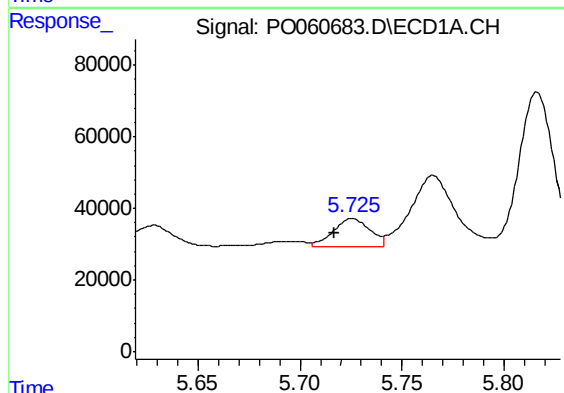
R.T.: 5.629 min
Delta R.T.: 0.010 min
Response: 73776
Conc: 50.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



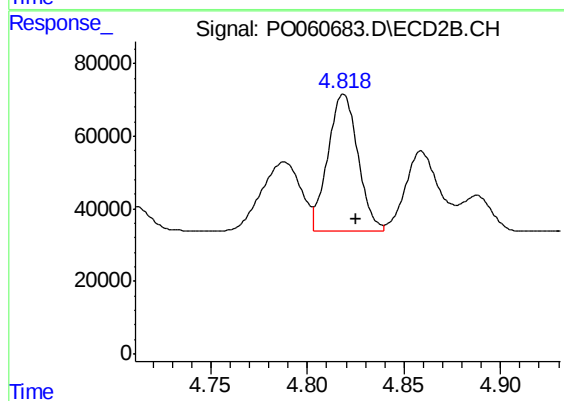
#5 AR-1016-3

R.T.: 4.788 min
Delta R.T.: 0.004 min
Response: 271636
Conc: 285.66 ng/ml



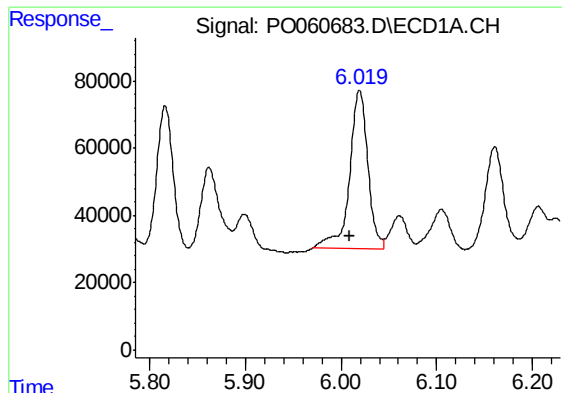
#6 AR-1016-4

R.T.: 5.726 min
Delta R.T.: 0.009 min
Response: 96902
Conc: 78.82 ng/ml



#6 AR-1016-4

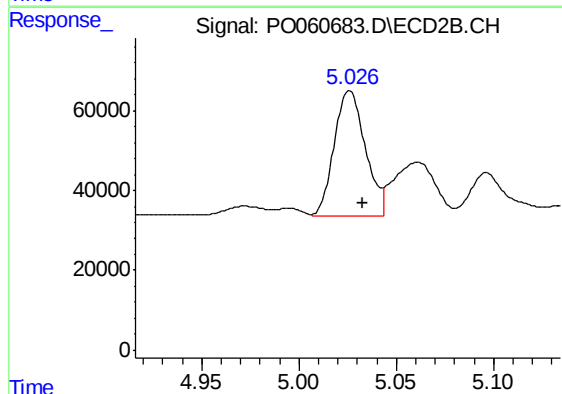
R.T.: 4.819 min
Delta R.T.: -0.007 min
Response: 410691
Conc: 498.31 ng/ml



#7 AR-1016-5

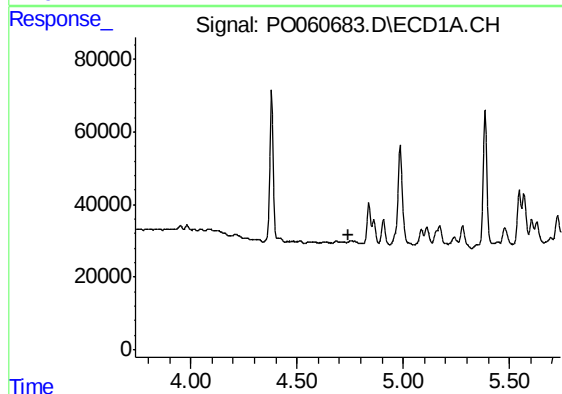
R.T.: 6.019 min
Delta R.T.: 0.010 min
Response: 629610
Conc: 510.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



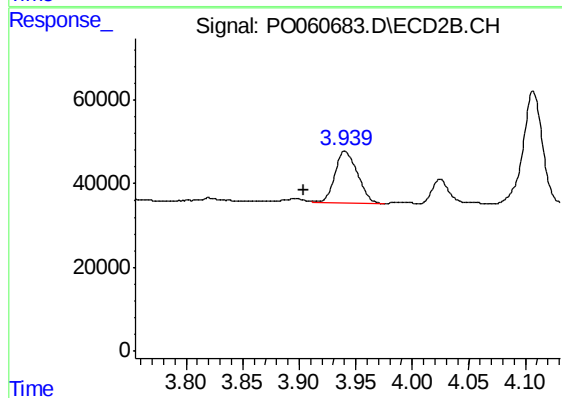
#7 AR-1016-5

R.T.: 5.026 min
Delta R.T.: -0.007 min
Response: 346472
Conc: 326.09 ng/ml



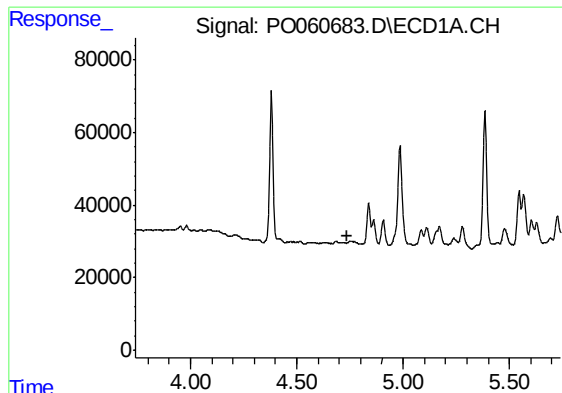
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



#10 AR-1221-3

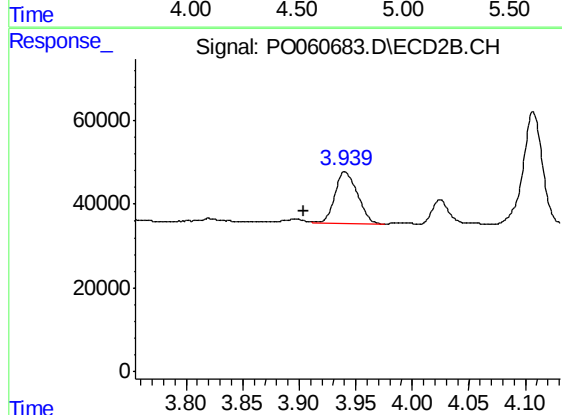
R.T.: 3.940 min
Delta R.T.: 0.036 min
Response: 173671
Conc: 189.80 ng/ml



#11 AR-1232-1

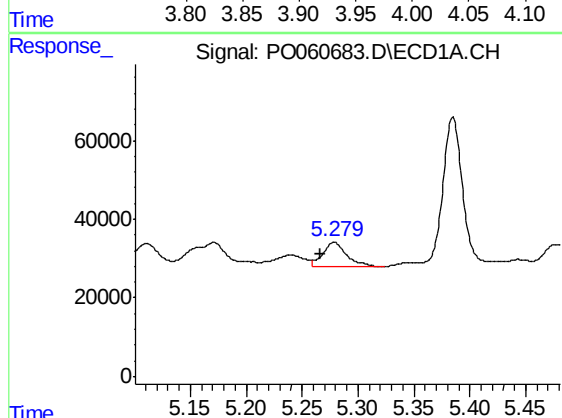
R.T.: 0.000 min
Exp R.T.: 4.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
WC-2DL



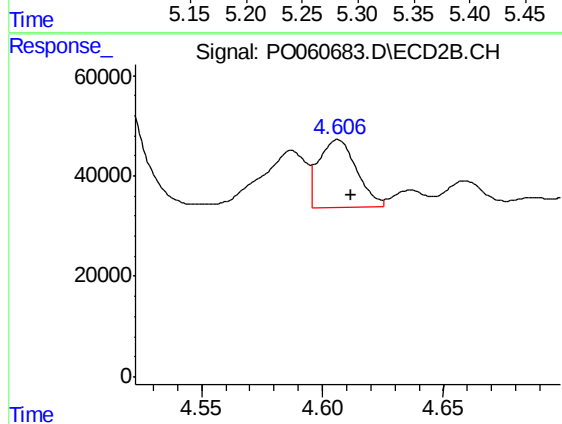
#11 AR-1232-1

R.T.: 3.940 min
Delta R.T.: 0.036 min
Response: 173671
Conc: 177.64 ng/ml



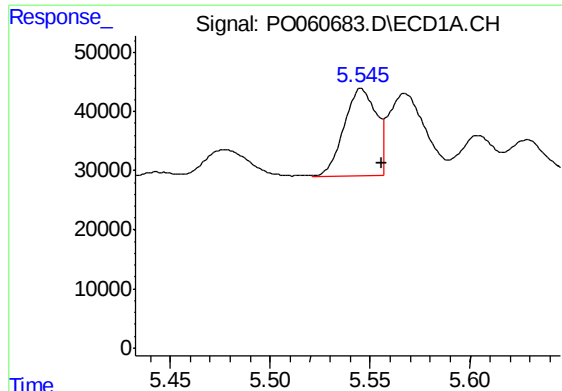
#12 AR-1232-2

R.T.: 5.279 min
Delta R.T.: 0.013 min
Response: 91405
Conc: 134.06 ng/ml



#12 AR-1232-2

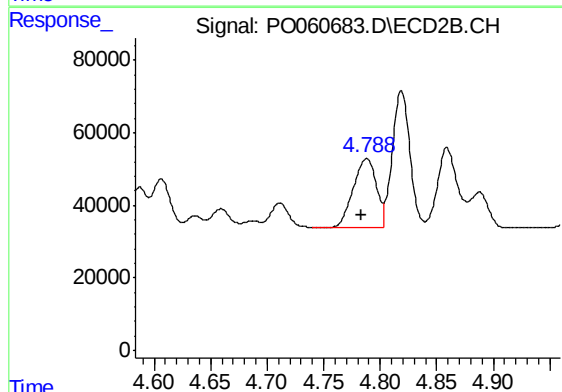
R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 146825
Conc: 139.33 ng/ml



#13 AR-1232-3

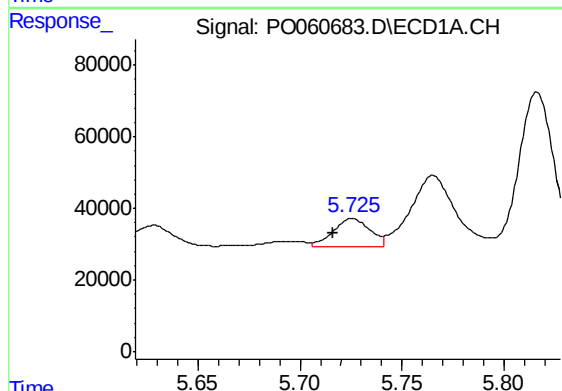
R.T.: 5.546 min
Delta R.T.: -0.010 min
Response: 163743
Conc: 116.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



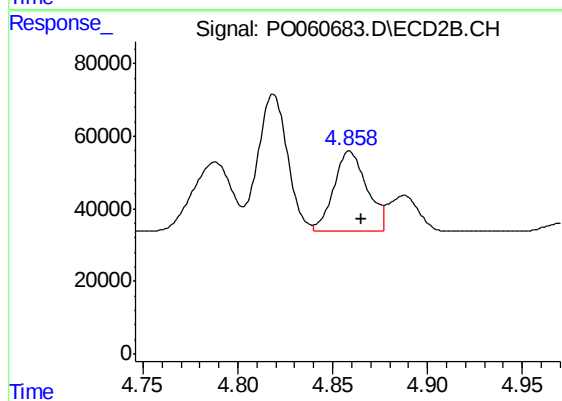
#13 AR-1232-3

R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 271636
Conc: 479.68 ng/ml



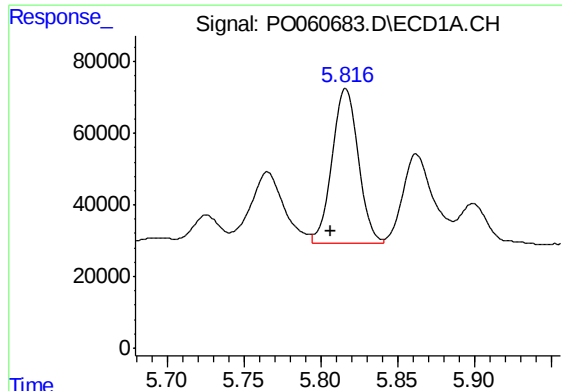
#14 AR-1232-4

R.T.: 5.726 min
Delta R.T.: 0.009 min
Response: 96902
Conc: 132.52 ng/ml



#14 AR-1232-4

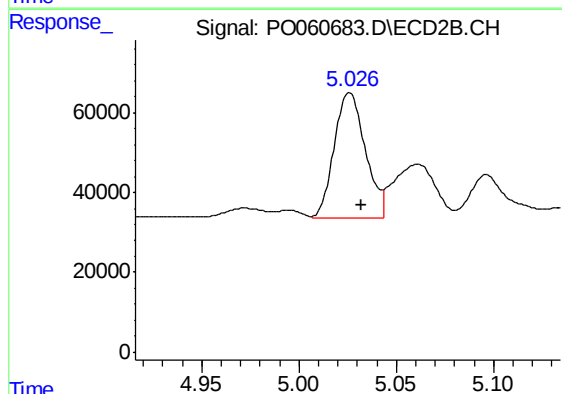
R.T.: 4.859 min
Delta R.T.: -0.006 min
Response: 270216
Conc: 496.87 ng/ml



#15 AR-1232-5

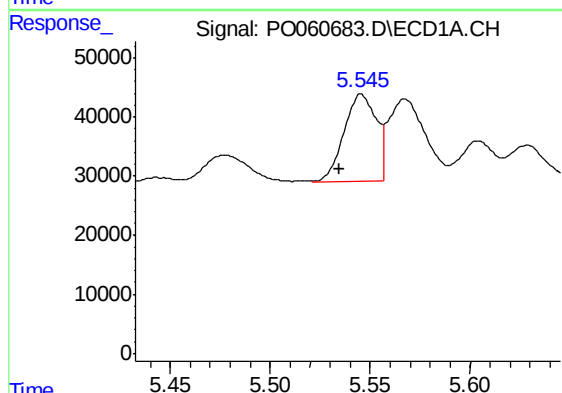
R.T.: 5.816 min
Delta R.T.: 0.010 min
Response: 517241
Conc: 989.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



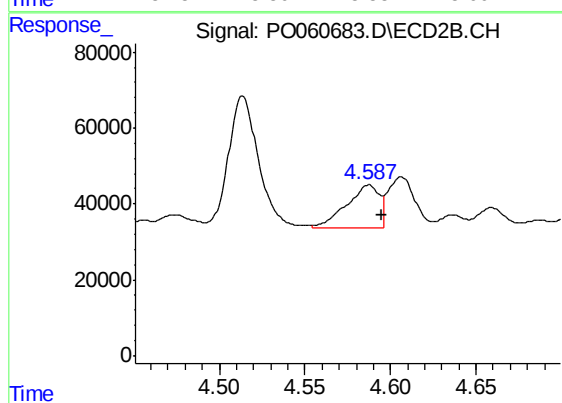
#15 AR-1232-5

R.T.: 5.026 min
Delta R.T.: -0.006 min
Response: 346472
Conc: 580.71 ng/ml



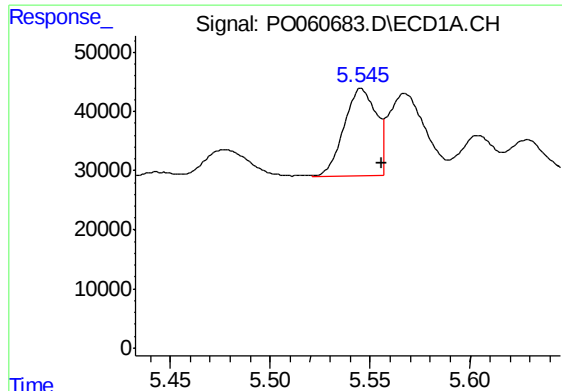
#16 AR-1242-1

R.T.: 5.546 min
Delta R.T.: 0.011 min
Response: 163743
Conc: 135.92 ng/ml



#16 AR-1242-1

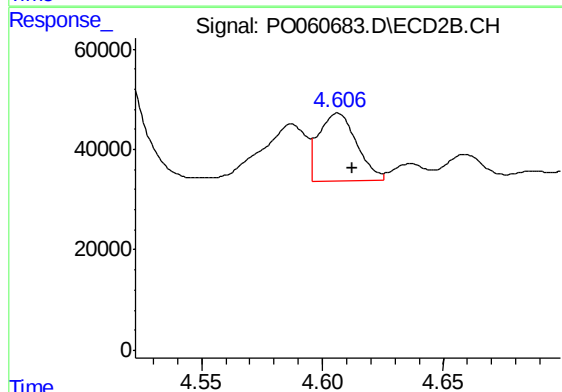
R.T.: 4.587 min
Delta R.T.: -0.007 min
Response: 149661
Conc: 162.79 ng/ml



#17 AR-1242-2

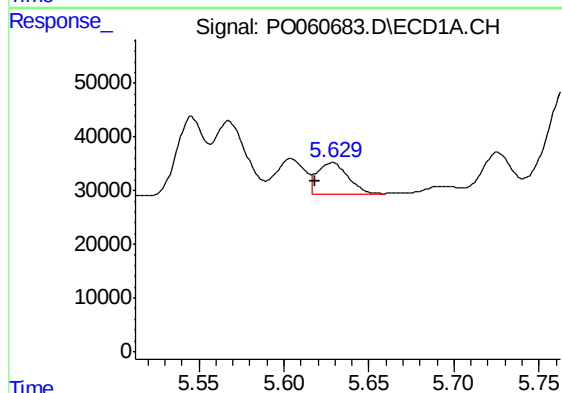
R.T.: 5.546 min
Delta R.T.: -0.011 min
Response: 163743
Conc: 94.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



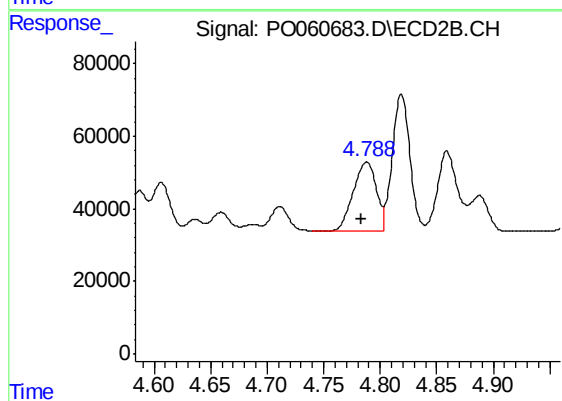
#17 AR-1242-2

R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 146825
Conc: 114.46 ng/ml



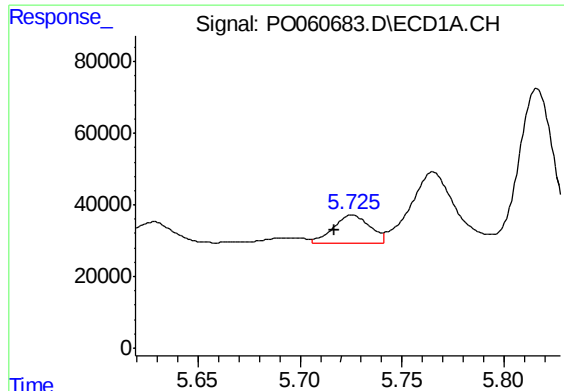
#18 AR-1242-3

R.T.: 5.629 min
Delta R.T.: 0.011 min
Response: 73776
Conc: 67.01 ng/ml



#18 AR-1242-3

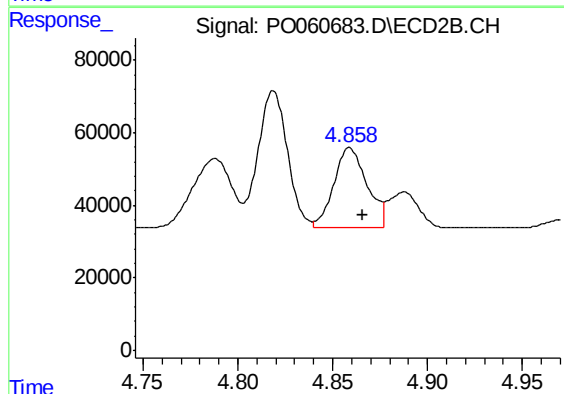
R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 271636
Conc: 380.44 ng/ml



#19 AR-1242-4

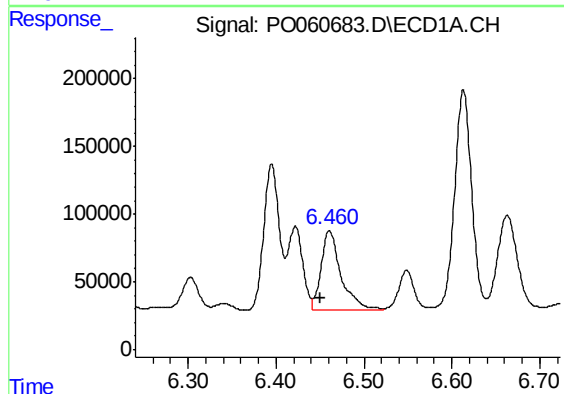
R.T.: 5.726 min
Delta R.T.: 0.009 min
Response: 96902
Conc: 107.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



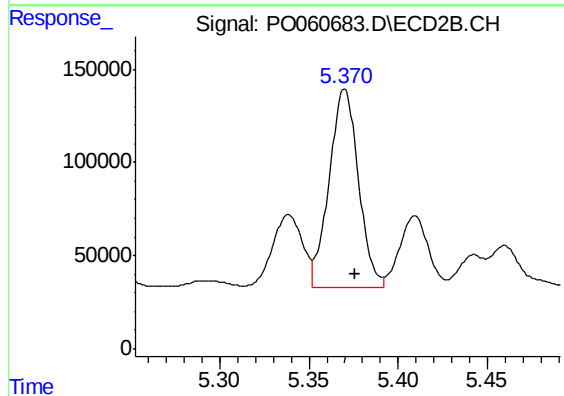
#19 AR-1242-4

R.T.: 4.859 min
Delta R.T.: -0.007 min
Response: 270216
Conc: 360.39 ng/ml



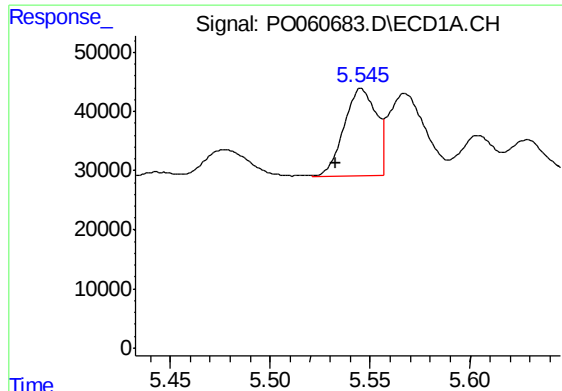
#20 AR-1242-5

R.T.: 6.461 min
Delta R.T.: 0.010 min
Response: 927287
Conc: 850.73 ng/ml



#20 AR-1242-5

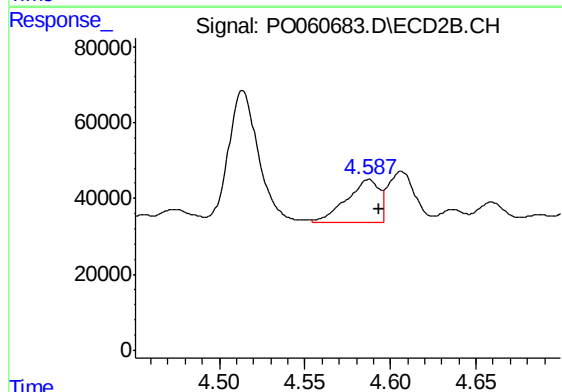
R.T.: 5.370 min
Delta R.T.: -0.006 min
Response: 1209204
Conc: 1238.41 ng/ml



#21 AR-1248-1

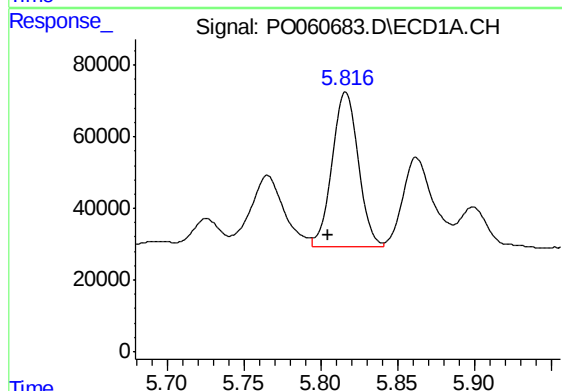
R.T.: 5.546 min
Delta R.T.: 0.013 min
Response: 163743
Conc: 178.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



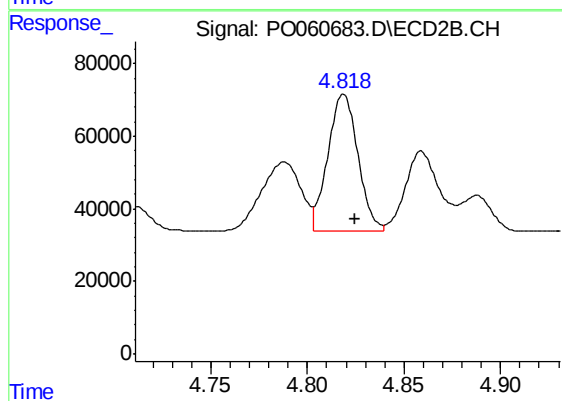
#21 AR-1248-1

R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 149661
Conc: 207.04 ng/ml



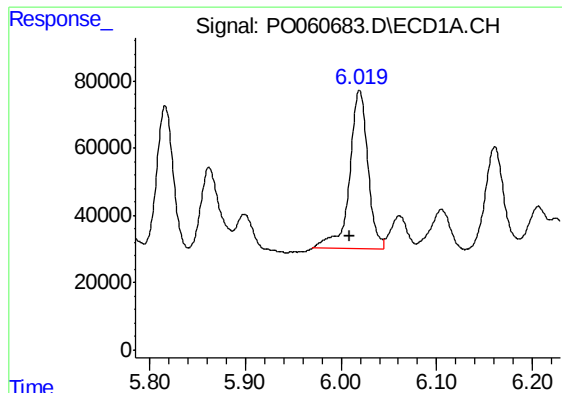
#22 AR-1248-2

R.T.: 5.816 min
Delta R.T.: 0.011 min
Response: 517241
Conc: 386.09 ng/ml



#22 AR-1248-2

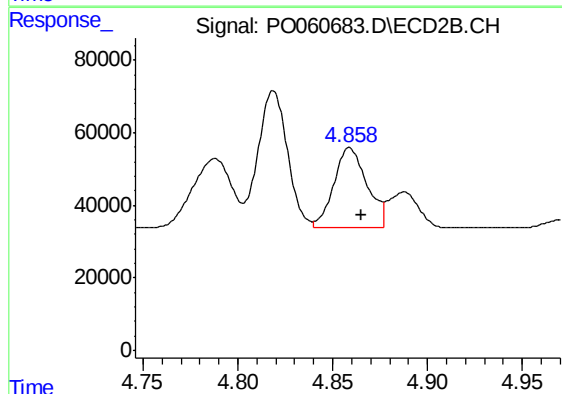
R.T.: 4.819 min
Delta R.T.: -0.006 min
Response: 410691
Conc: 419.36 ng/ml



#23 AR-1248-3

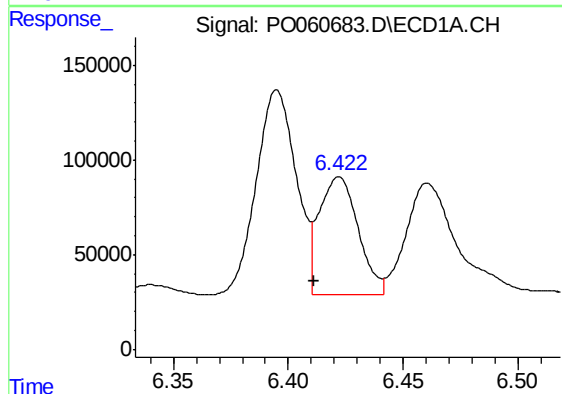
R.T.: 6.019 min
Delta R.T.: 0.011 min
Response: 629610
Conc: 420.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



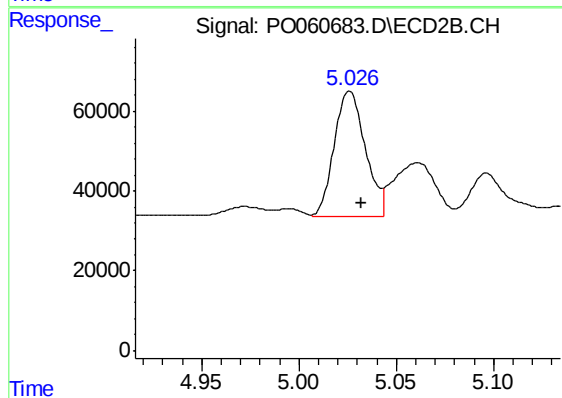
#23 AR-1248-3

R.T.: 4.859 min
Delta R.T.: -0.006 min
Response: 270216
Conc: 264.77 ng/ml



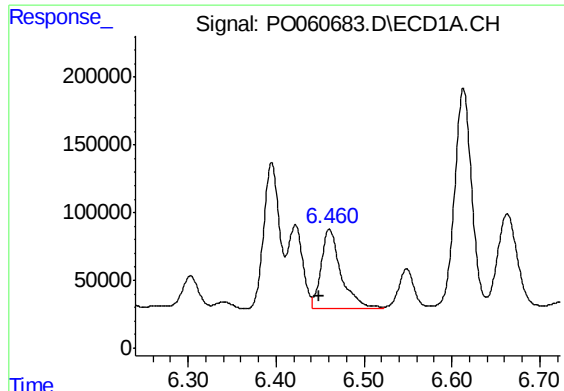
#24 AR-1248-4

R.T.: 6.422 min
Delta R.T.: 0.011 min
Response: 732147
Conc: 416.27 ng/ml



#24 AR-1248-4

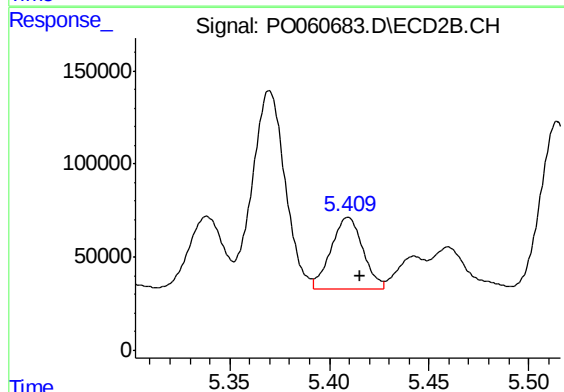
R.T.: 5.026 min
Delta R.T.: -0.006 min
Response: 346472
Conc: 284.95 ng/ml



#25 AR-1248-5

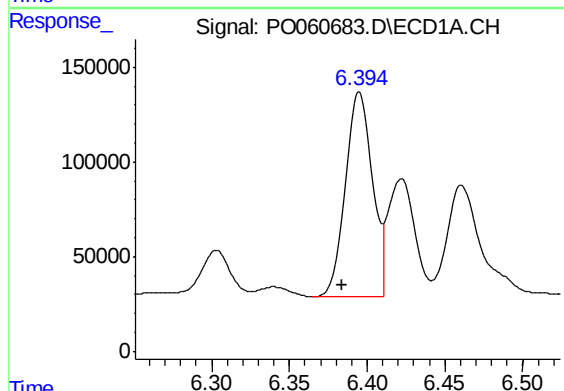
R.T.: 6.461 min
Delta R.T.: 0.011 min
Response: 927287
Conc: 554.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



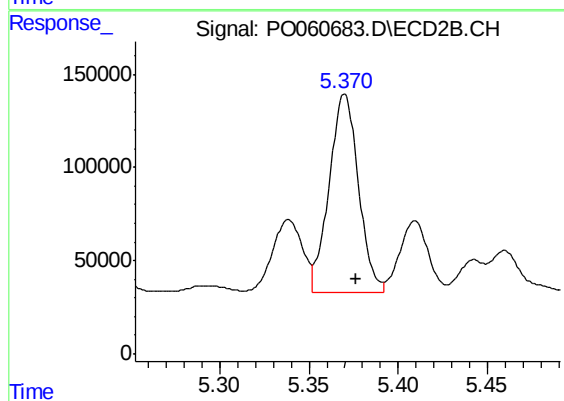
#25 AR-1248-5

R.T.: 5.409 min
Delta R.T.: -0.006 min
Response: 423184
Conc: 347.83 ng/ml



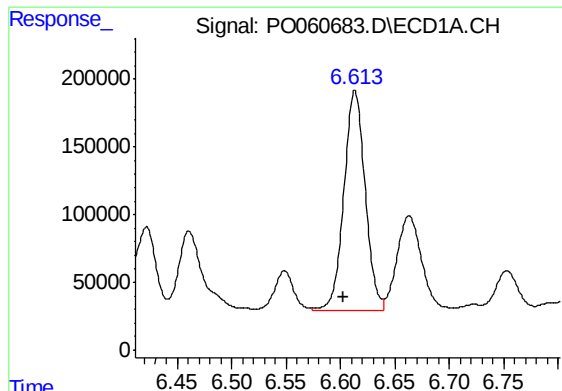
#26 AR-1254-1

R.T.: 6.395 min
Delta R.T.: 0.011 min
Response: 1312168
Conc: 719.50 ng/ml



#26 AR-1254-1

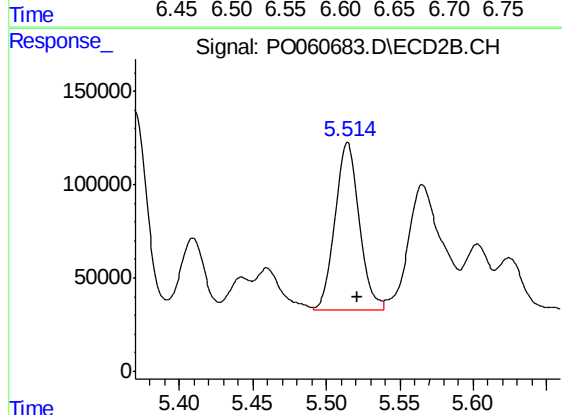
R.T.: 5.370 min
Delta R.T.: -0.007 min
Response: 1209204
Conc: 637.31 ng/ml



#27 AR-1254-2

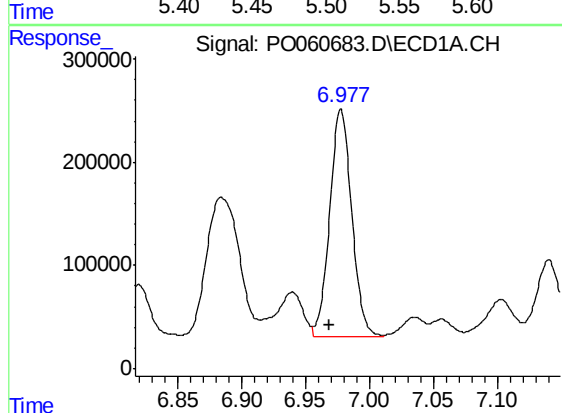
R.T.: 6.613 min
Delta R.T.: 0.010 min
Response: 2192823
Conc: 756.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



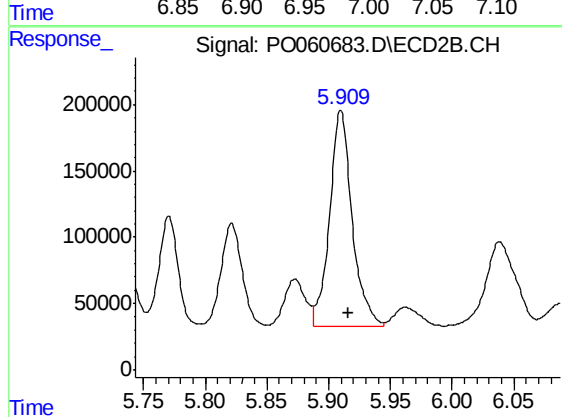
#27 AR-1254-2

R.T.: 5.515 min
Delta R.T.: -0.007 min
Response: 1029020
Conc: 602.13 ng/ml



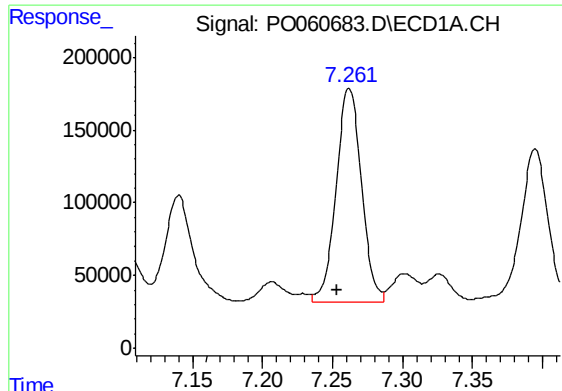
#28 AR-1254-3

R.T.: 6.978 min
Delta R.T.: 0.009 min
Response: 2648530
Conc: 830.48 ng/ml



#28 AR-1254-3

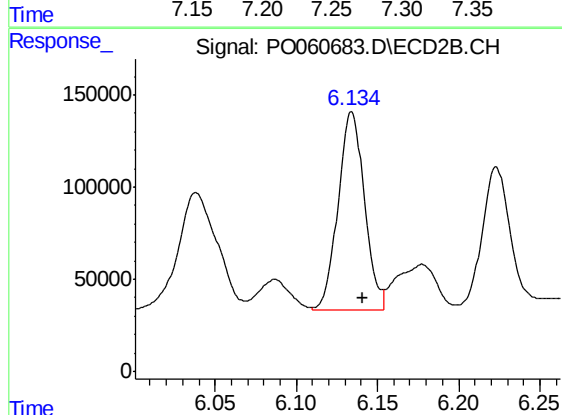
R.T.: 5.910 min
Delta R.T.: -0.007 min
Response: 2075191
Conc: 739.93 ng/ml



#29 AR-1254-4

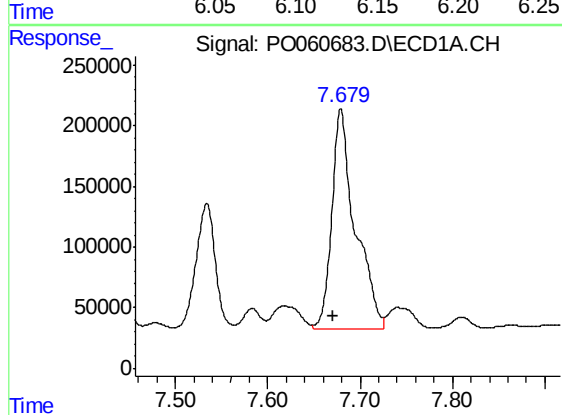
R.T.: 7.262 min
Delta R.T.: 0.009 min
Response: 1857932
Conc: 773.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



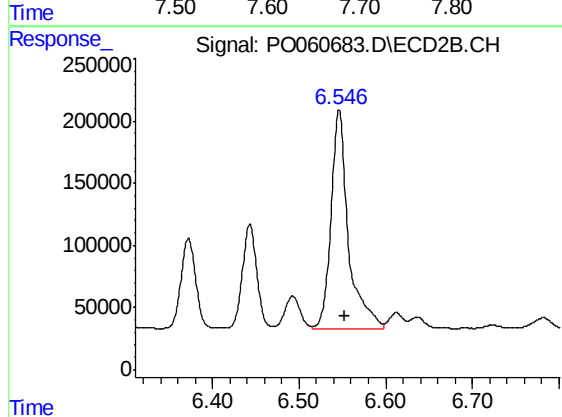
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.007 min
Response: 1220329
Conc: 683.07 ng/ml



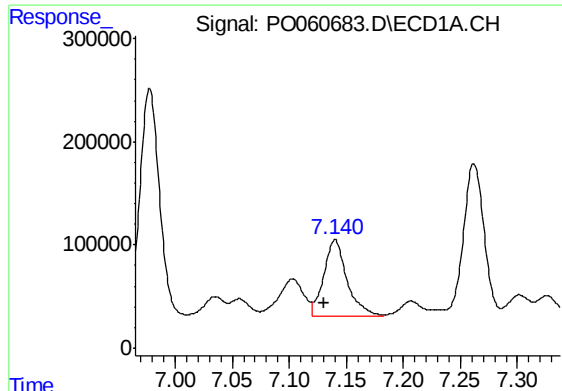
#30 AR-1254-5

R.T.: 7.679 min
Delta R.T.: 0.008 min
Response: 3182394
Conc: 1169.88 ng/ml



#30 AR-1254-5

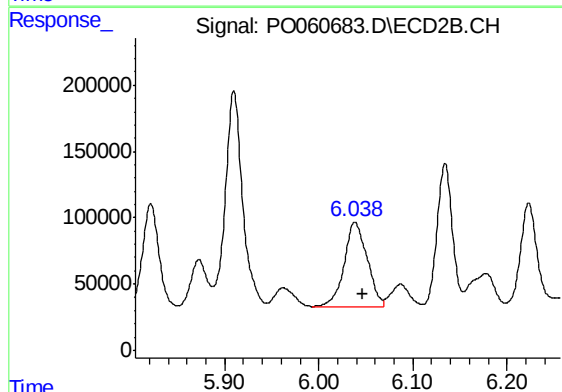
R.T.: 6.546 min
Delta R.T.: -0.006 min
Response: 2446281
Conc: 932.27 ng/ml



#31 AR-1260-1

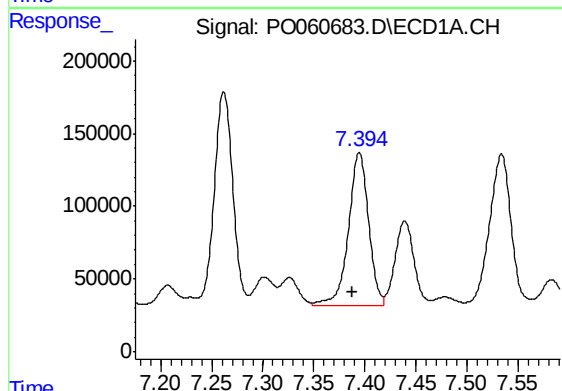
R.T.: 7.140 min
Delta R.T.: 0.010 min
Response: 1045923
Conc: 418.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



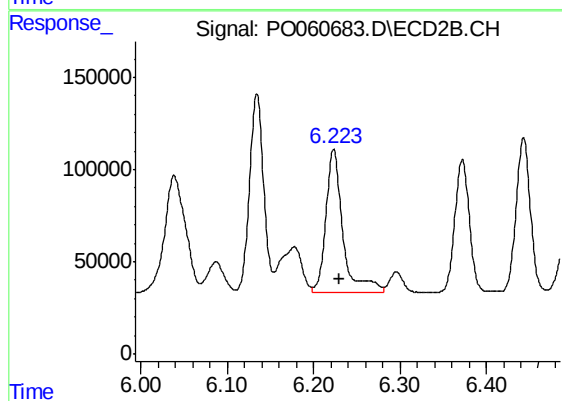
#31 AR-1260-1

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 1075713
Conc: 523.10 ng/ml



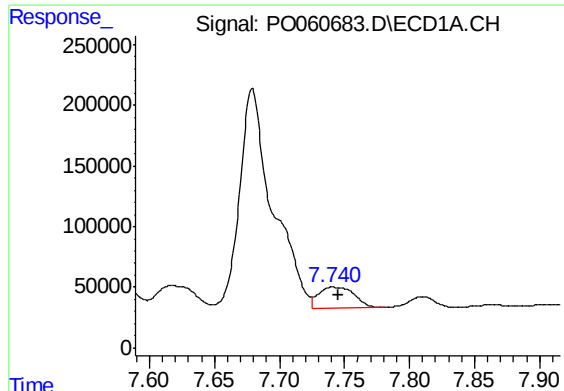
#32 AR-1260-2

R.T.: 7.395 min
Delta R.T.: 0.007 min
Response: 1433010
Conc: 461.16 ng/ml



#32 AR-1260-2

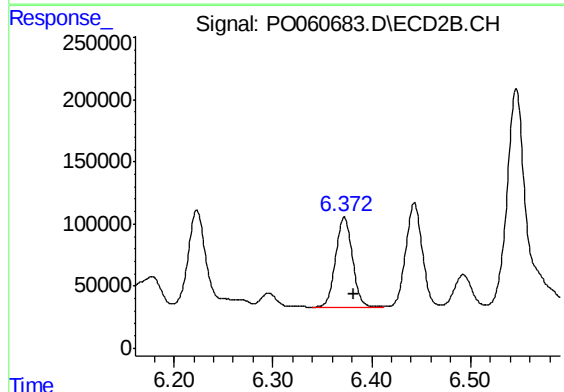
R.T.: 6.223 min
Delta R.T.: -0.007 min
Response: 1064549
Conc: 425.18 ng/ml



#33 AR-1260-3

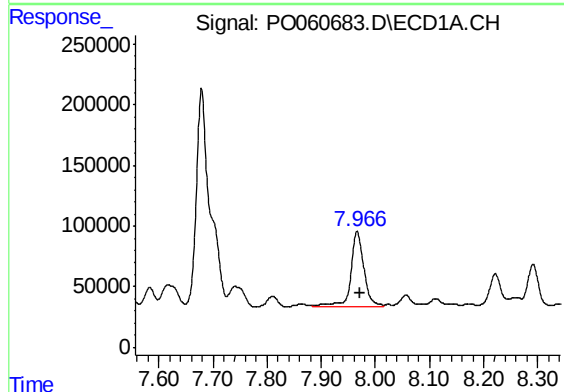
R.T.: 7.741 min
Delta R.T.: -0.004 min
Response: 324616
Conc: 129.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



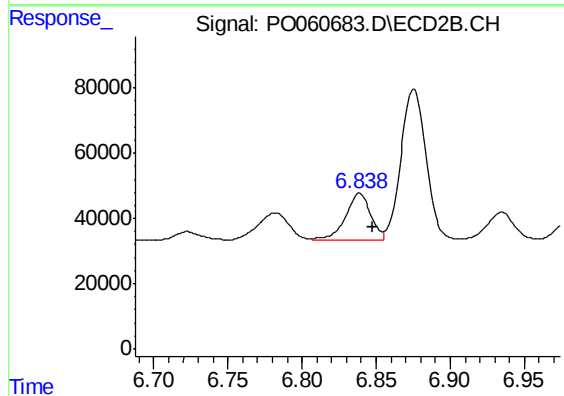
#33 AR-1260-3

R.T.: 6.372 min
Delta R.T.: -0.009 min
Response: 845425
Conc: 363.89 ng/ml



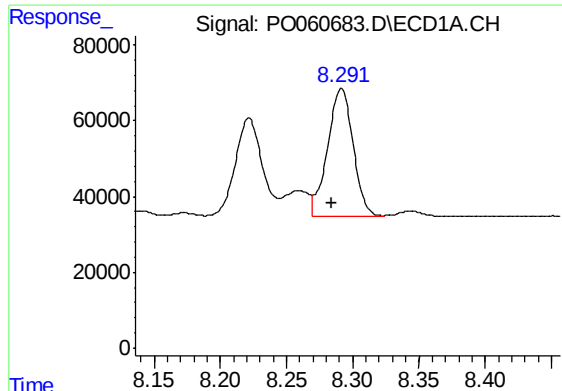
#34 AR-1260-4

R.T.: 7.966 min
Delta R.T.: -0.004 min
Response: 1037569
Conc: 350.44 ng/ml



#34 AR-1260-4

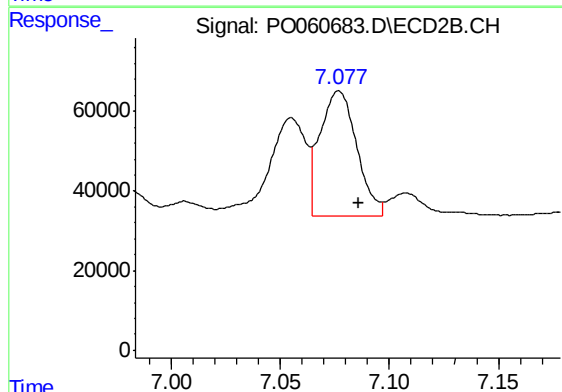
R.T.: 6.839 min
Delta R.T.: -0.009 min
Response: 165894
Conc: 81.68 ng/ml



#35 AR-1260-5

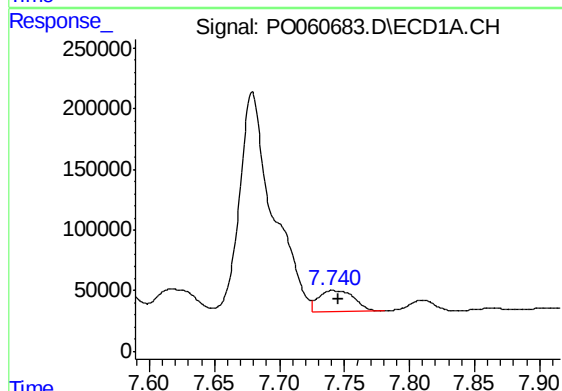
R.T.: 8.292 min
Delta R.T.: 0.007 min
Response: 451743
Conc: 80.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



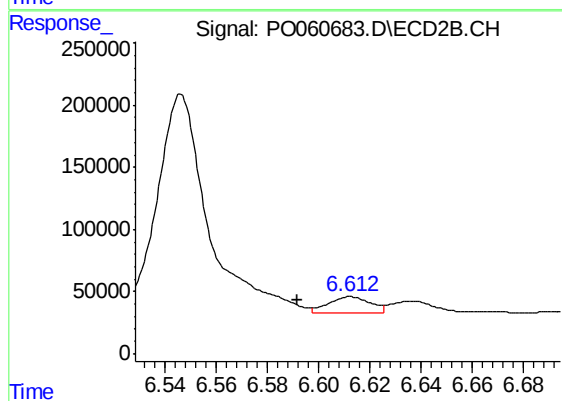
#35 AR-1260-5

R.T.: 7.077 min
Delta R.T.: -0.009 min
Response: 368884
Conc: 80.53 ng/ml



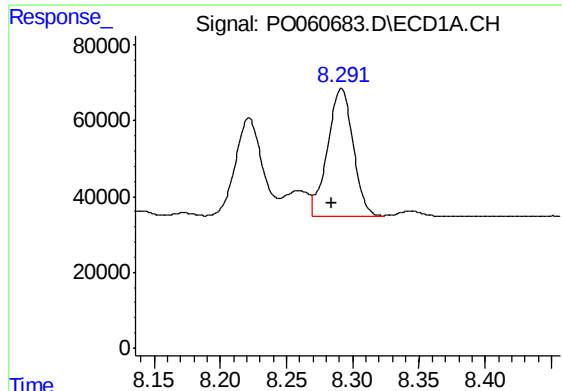
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: -0.004 min
Response: 324616
Conc: 96.66 ng/ml



#36 AR-1262-1

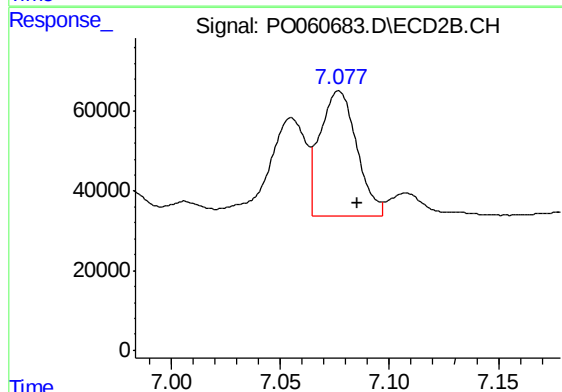
R.T.: 6.612 min
Delta R.T.: 0.021 min
Response: 140849
Conc: 52.97 ng/ml



#37 AR-1262-2

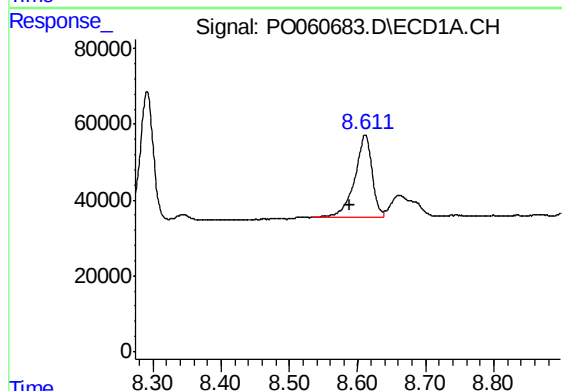
R.T.: 8.292 min
Delta R.T.: 0.007 min
Response: 451743
Conc: 77.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



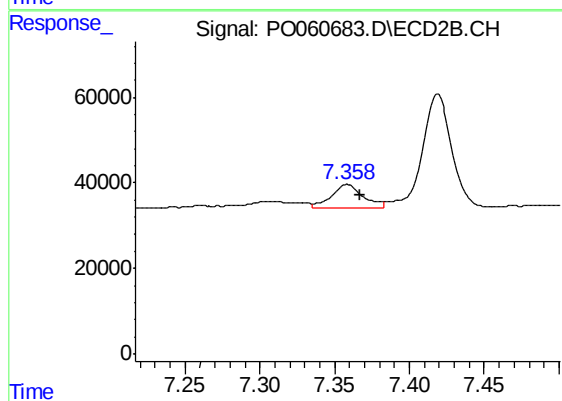
#37 AR-1262-2

R.T.: 7.077 min
Delta R.T.: -0.008 min
Response: 368884
Conc: 81.26 ng/ml



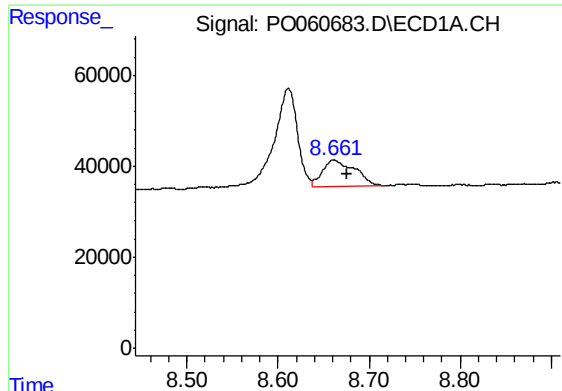
#38 AR-1262-3

R.T.: 8.611 min
Delta R.T.: 0.022 min
Response: 385894
Conc: 96.43 ng/ml



#38 AR-1262-3

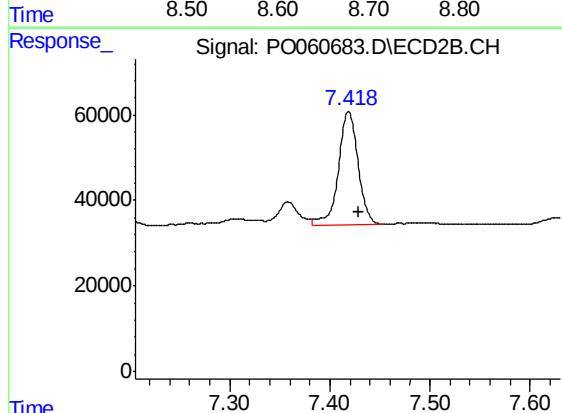
R.T.: 7.358 min
Delta R.T.: -0.009 min
Response: 78673
Conc: 41.50 ng/ml



#39 AR-1262-4

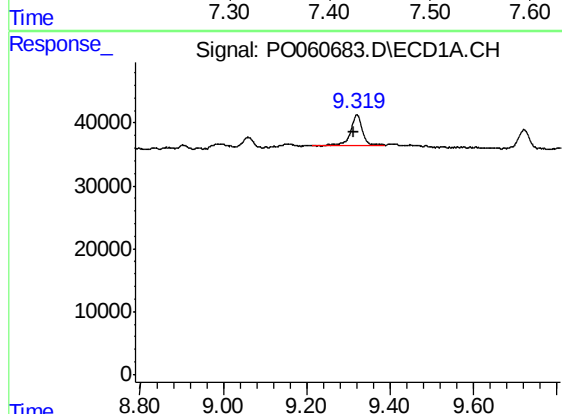
R.T.: 8.661 min
Delta R.T.: -0.015 min
Response: 139332
Conc: 45.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



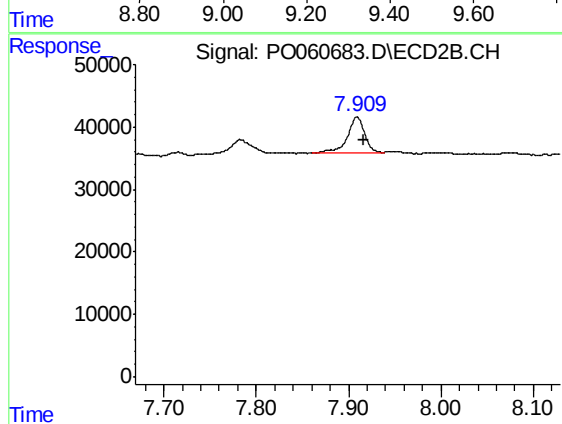
#39 AR-1262-4

R.T.: 7.419 min
Delta R.T.: -0.010 min
Response: 359656
Conc: 104.88 ng/ml



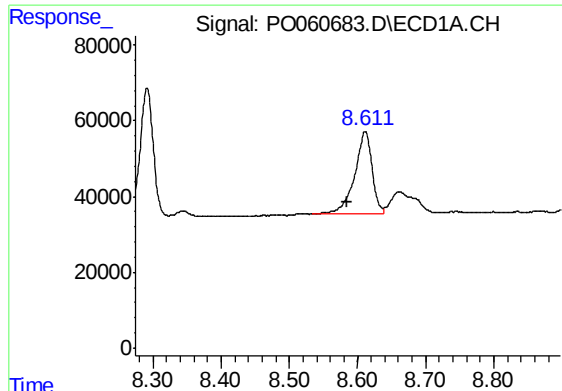
#40 AR-1262-5

R.T.: 9.320 min
Delta R.T.: 0.007 min
Response: 96069
Conc: 47.89 ng/ml



#40 AR-1262-5

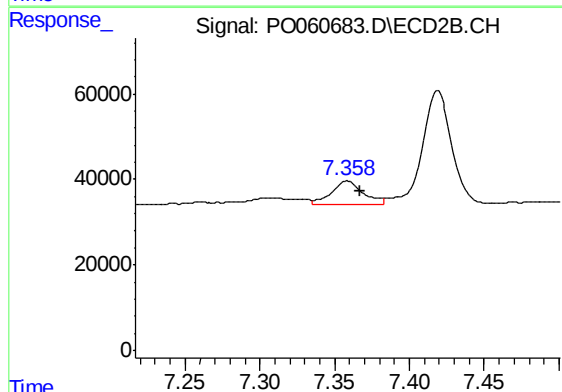
R.T.: 7.909 min
Delta R.T.: -0.008 min
Response: 74574
Conc: 47.70 ng/ml



#41 AR-1268-1

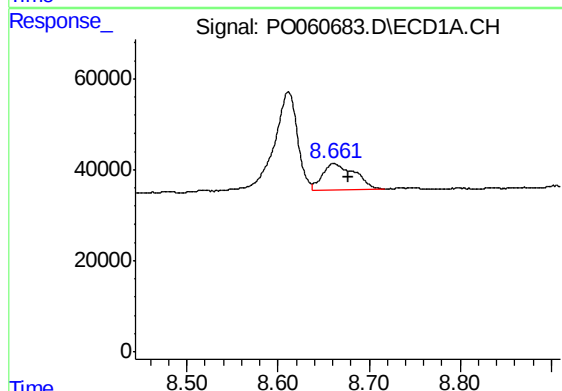
R.T.: 8.611 min
Delta R.T.: 0.026 min
Response: 385894
Conc: 55.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



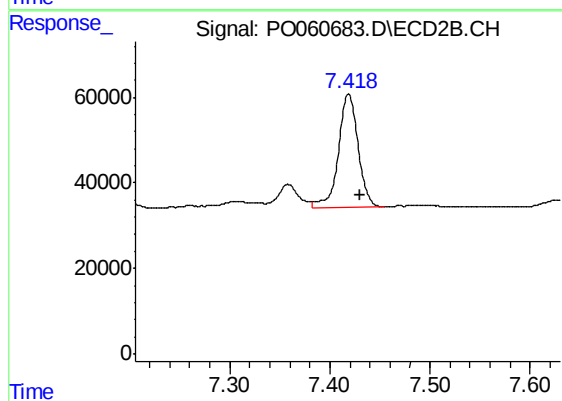
#41 AR-1268-1

R.T.: 7.358 min
Delta R.T.: -0.009 min
Response: 78673
Conc: 15.49 ng/ml



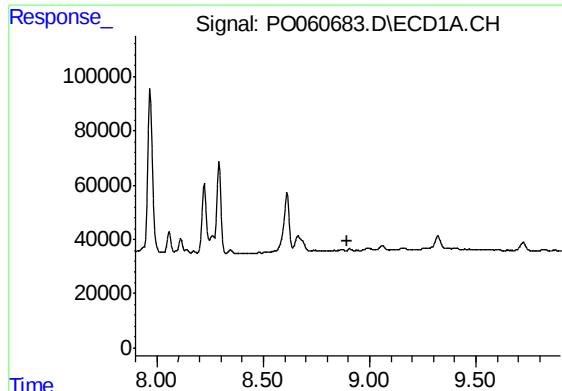
#42 AR-1268-2

R.T.: 8.661 min
Delta R.T.: -0.016 min
Response: 139332
Conc: 21.67 ng/ml



#42 AR-1268-2

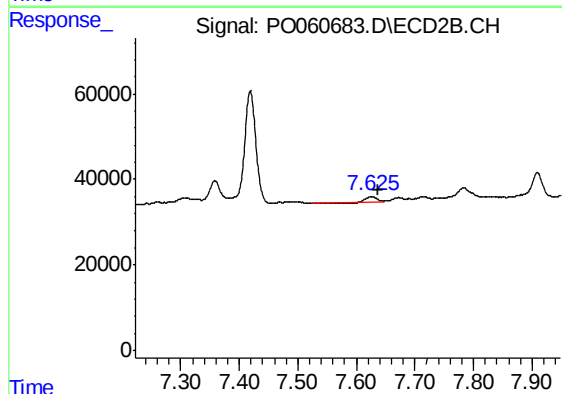
R.T.: 7.419 min
Delta R.T.: -0.011 min
Response: 359656
Conc: 77.43 ng/ml



#43 AR-1268-3

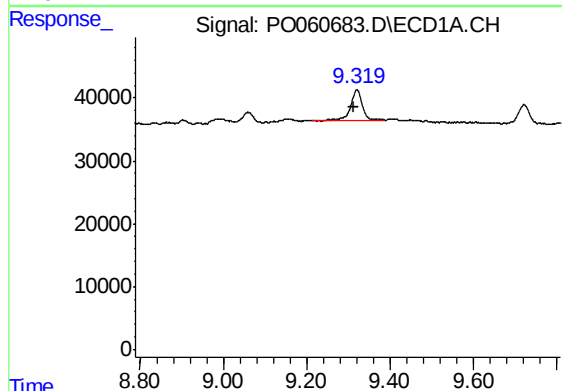
R.T.: 0.000 min
Exp R.T.: 8.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
WC-2DL



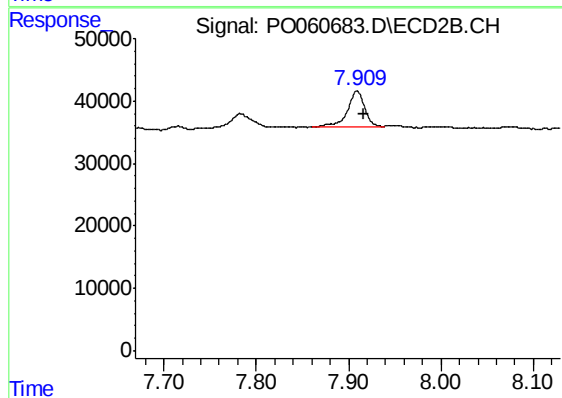
#43 AR-1268-3

R.T.: 7.626 min
Delta R.T.: -0.010 min
Response: 11970
Conc: 3.04 ng/ml



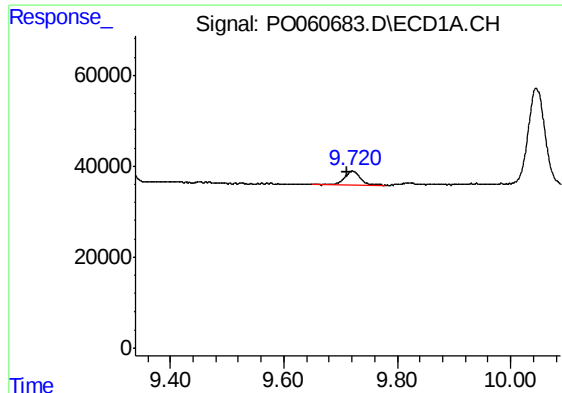
#44 AR-1268-4

R.T.: 9.320 min
Delta R.T.: 0.007 min
Response: 96069
Conc: 43.30 ng/ml



#44 AR-1268-4

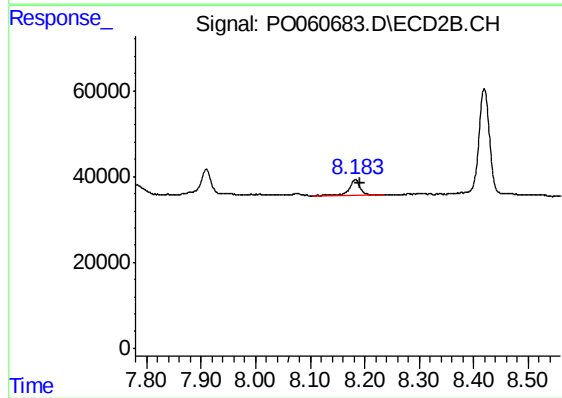
R.T.: 7.909 min
Delta R.T.: -0.008 min
Response: 74574
Conc: 43.86 ng/ml



#45 AR-1268-5

R.T.: 9.721 min
Delta R.T.: 0.009 min
Response: 55929
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-2DL



#45 AR-1268-5

R.T.: 8.183 min
Delta R.T.: -0.009 min
Response: 52572
Conc: 4.69 ng/ml