

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081720\
 Data File : P0070606.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Aug 2020 16:51
 Operator : DD\AJ
 Sample : PB131028BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 02:27:48 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...	4.369	3.552	1592941	924877	24.090	20.992
2)	SA Decachlor...	9.999	8.743	1581648	941517	18.472	16.962
Target Compounds							
3)	L1 AR-1016-1	5.674	4.780	597430	367949	206.909	182.734
4)	L1 AR-1016-2	5.696	4.798	851120	503191	205.813	177.079
5)	L1 AR-1016-3	5.759	4.983	518487	277199	209.840	181.552
6)	L1 AR-1016-4	5.865	5.040	419781	233223	200.367	179.278
7)	L1 AR-1016-5	6.174	5.261	377401	281587	180.772	174.384
8)	L2 AR-1221-1	4.618	3.802	50671	34349	60.436	56.619
9)	L2 AR-1221-2	4.718	3.899	80975	48646	128.713	109.944
10)	L2 AR-1221-3	4.806	3.985	304451	178614	152.681	130.150
11)	L3 AR-1232-1	4.806	3.985	304451	178614	202.328	164.656
12)	L3 AR-1232-2	5.380	4.798	407595	503191	495.452	405.306
13)	L3 AR-1232-3	5.696	4.983	851120	277199	477.312	415.477
14)	L3 AR-1232-4	5.865	5.082	419781	252616	460.101	459.093
15)	L3 AR-1232-5	5.963	5.261	324636	281587	530.876	428.234
16)	L4 AR-1242-1	5.674	4.780	597430	367949	253.628	224.778
17)	L4 AR-1242-2	5.696	4.798	851120	503191	252.273	218.333
18)	L4 AR-1242-3	5.759	4.983	518487	277199	253.320	222.759
19)	L4 AR-1242-4	5.865	5.082	419781	252616	242.233	222.706
20)	L4 AR-1242-5	6.636	5.635	96835	236221	47.012	141.617 #
21)	L5 AR-1248-1	5.674	4.780	597430	367949	336.086	309.120
22)	L5 AR-1248-2	5.963	5.040	324636	233223	143.142	136.836
23)	L5 AR-1248-3	6.174	5.082	377401	252616	137.776	161.027
24)	L5 AR-1248-4	6.599	5.261	86940	281587	25.552	138.501 #
25)	L5 AR-1248-5	6.636	5.678	96835	35562	30.443	17.254 #
26)	L6 AR-1254-1	6.565	5.635	324392	236221	91.160	67.453 #
27)	L6 AR-1254-2	6.794	5.796	393921	232800	70.748	74.751
28)	L6 AR-1254-3	7.170	6.207	175288	113098	30.438	22.942
29)	L6 AR-1254-4	7.460	6.447	129926	51737	24.907	14.375 #
30)	L6 AR-1254-5	7.886	6.869	1196192	795461	226.426	172.945
31)	L7 AR-1260-1	7.333	6.343	766793	570932	184.367	176.811
32)	L7 AR-1260-2	7.599	6.544	1071807	752683	178.502	174.926
33)	L7 AR-1260-3	7.957	6.691	749829	625749	145.689	170.906
34)	L7 AR-1260-4	8.183	7.168	754454	457659	155.153	146.806
35)	L7 AR-1260-5	8.498	7.419	1658261	1188015	148.775	147.037
36)	L8 AR-1262-1	7.957	6.869	749829	795461	97.898	314.668 #
37)	L8 AR-1262-2	8.498	7.419	1658261	1188015	131.627	129.691
38)	L8 AR-1262-3	8.767	7.700	329883	236588	57.618	64.652
39)	L8 AR-1262-4	8.832f	7.761	522602	789397	165.369	125.184
40)	L8 AR-1262-5	9.403	8.259	367435	249337	88.920	86.876
41)	L9 AR-1268-1	8.767	7.700	329883	236588	20.812	21.064

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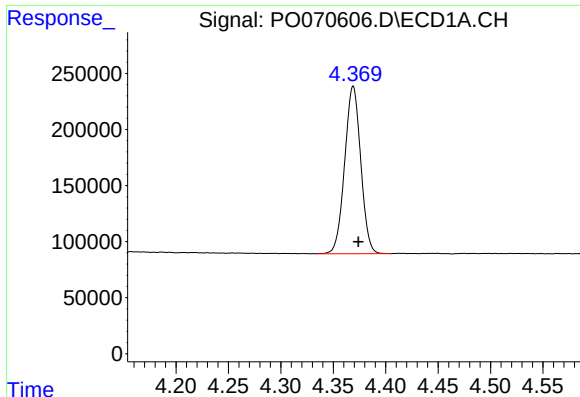
Instrument :
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.832f	7.761	522602	789397	38.417	81.833 #
43) L9	AR-1268-3	9.032	7.965	30725	45679	2.640	5.680 #
44) L9	AR-1268-4	9.403	8.259	367435	249337	76.156	75.839
45) L9	AR-1268-5	9.734	8.528	120538	81389	3.837	3.718

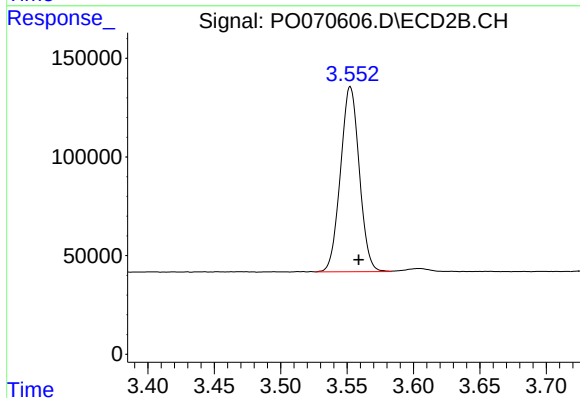
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

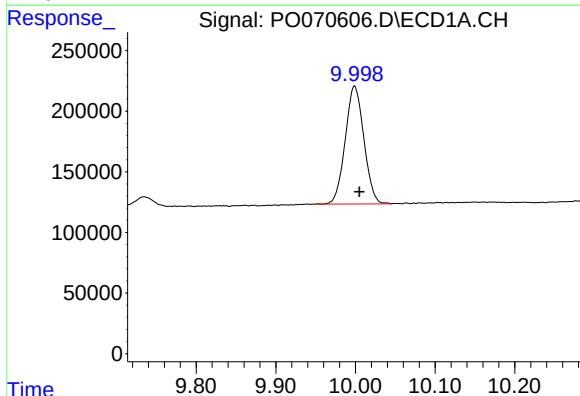
R.T.: 4.369 min
Delta R.T.: -0.005 min
Response: 1592941
Conc: 24.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



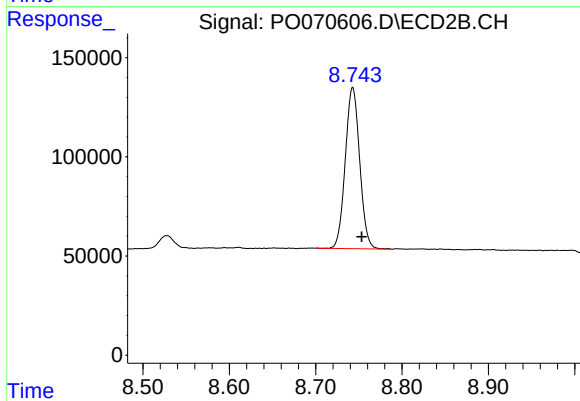
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: -0.006 min
Response: 924877
Conc: 20.99 ng/ml



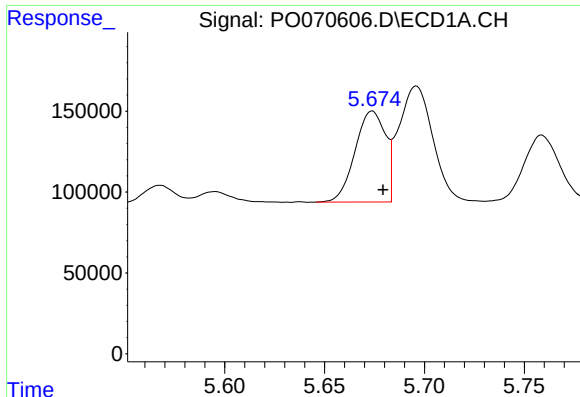
#2 Decachlorobiphenyl

R.T.: 9.999 min
Delta R.T.: -0.006 min
Response: 1581648
Conc: 18.47 ng/ml



#2 Decachlorobiphenyl

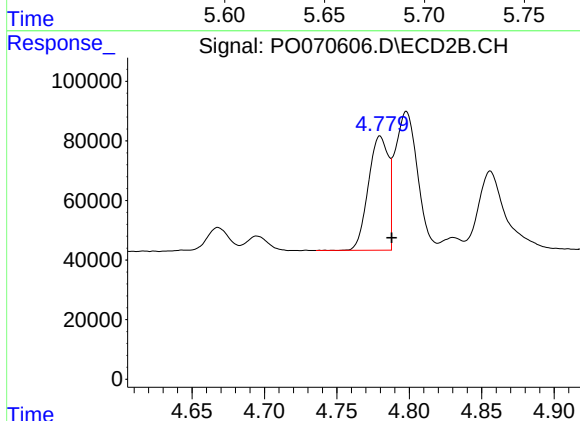
R.T.: 8.743 min
Delta R.T.: -0.010 min
Response: 941517
Conc: 16.96 ng/ml



#3 AR-1016-1

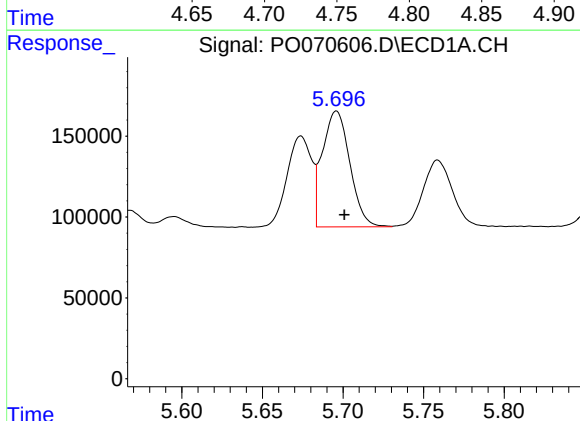
R.T.: 5.674 min
Delta R.T.: -0.005 min
Response: 597430
Conc: 206.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



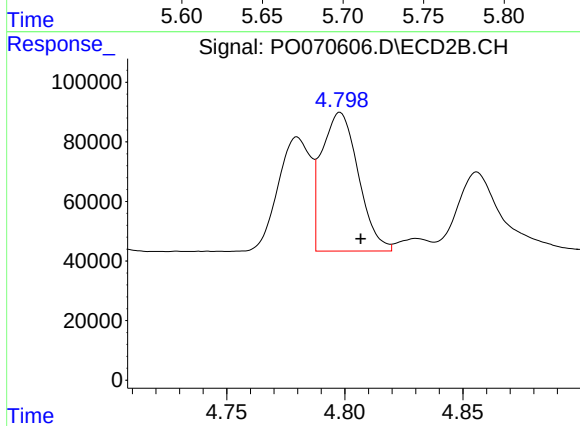
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.008 min
Response: 367949
Conc: 182.73 ng/ml



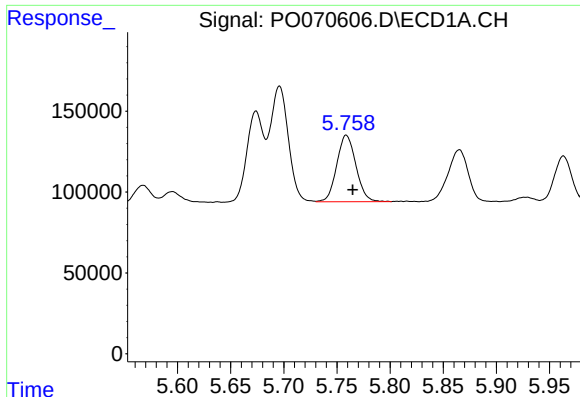
#4 AR-1016-2

R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 851120
Conc: 205.81 ng/ml



#4 AR-1016-2

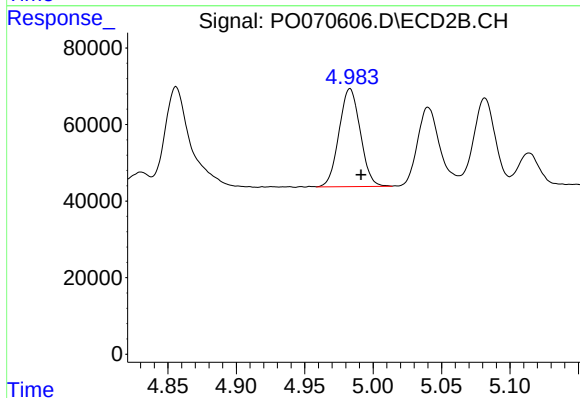
R.T.: 4.798 min
Delta R.T.: -0.009 min
Response: 503191
Conc: 177.08 ng/ml



#5 AR-1016-3

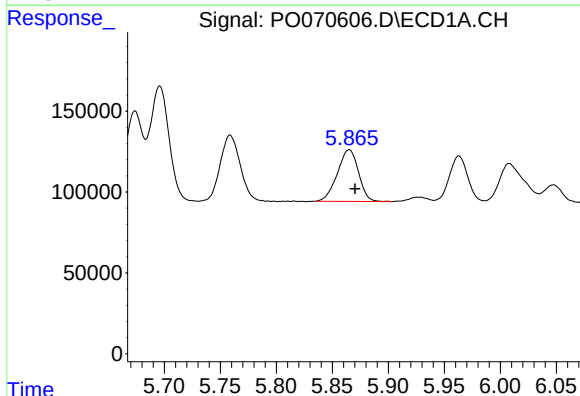
R.T.: 5.759 min
Delta R.T.: -0.006 min
Response: 518487
Conc: 209.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



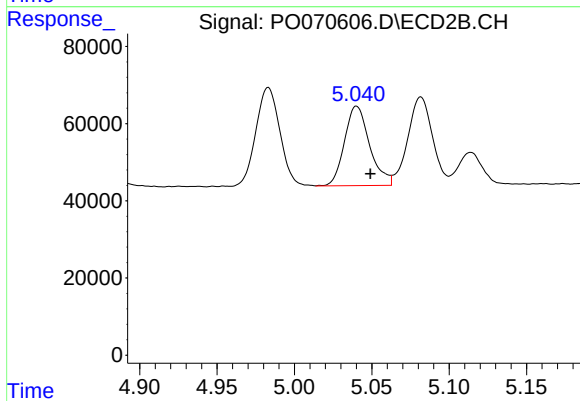
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 277199
Conc: 181.55 ng/ml



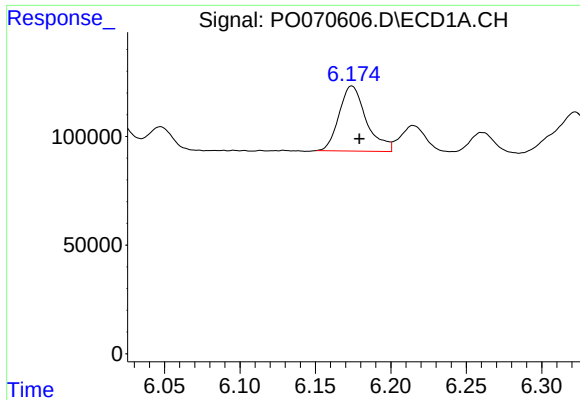
#6 AR-1016-4

R.T.: 5.865 min
Delta R.T.: -0.005 min
Response: 419781
Conc: 200.37 ng/ml



#6 AR-1016-4

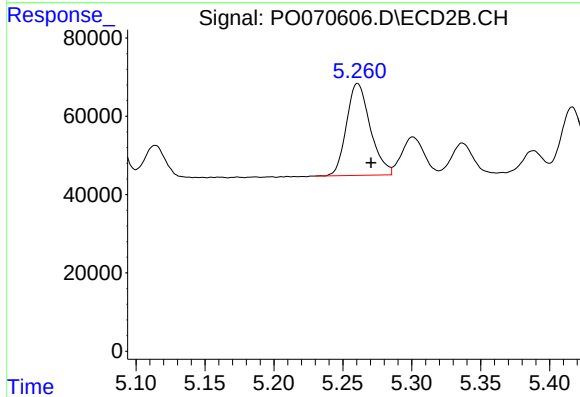
R.T.: 5.040 min
Delta R.T.: -0.009 min
Response: 233223
Conc: 179.28 ng/ml



#7 AR-1016-5

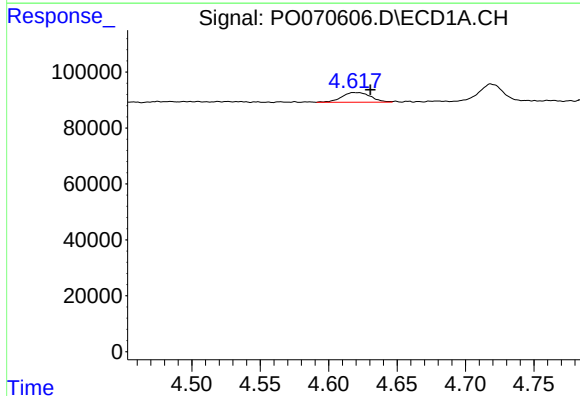
R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 377401
Conc: 180.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



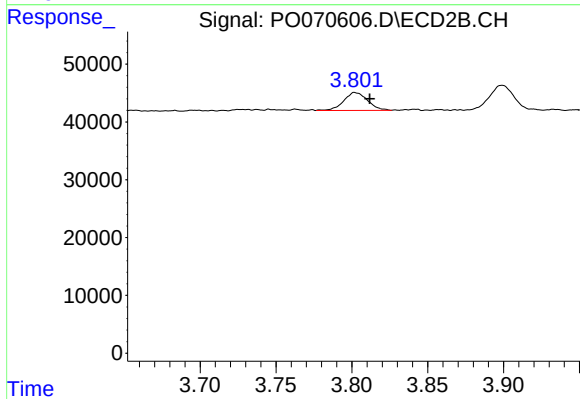
#7 AR-1016-5

R.T.: 5.261 min
Delta R.T.: -0.010 min
Response: 281587
Conc: 174.38 ng/ml



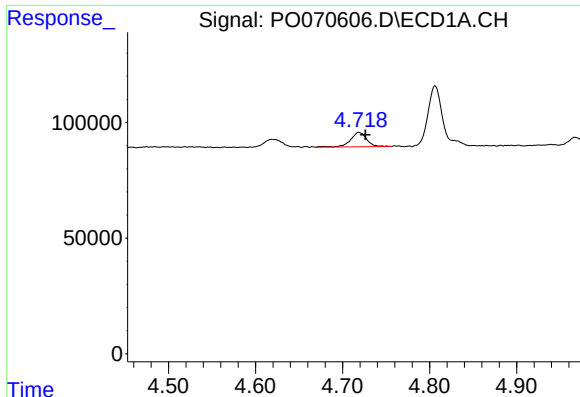
#8 AR-1221-1

R.T.: 4.618 min
Delta R.T.: -0.012 min
Response: 50671
Conc: 60.44 ng/ml



#8 AR-1221-1

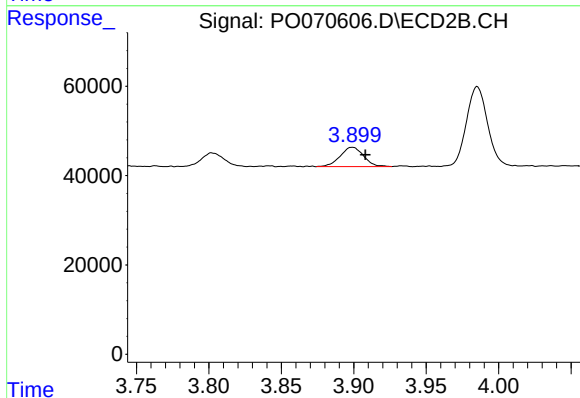
R.T.: 3.802 min
Delta R.T.: -0.010 min
Response: 34349
Conc: 56.62 ng/ml



#9 AR-1221-2

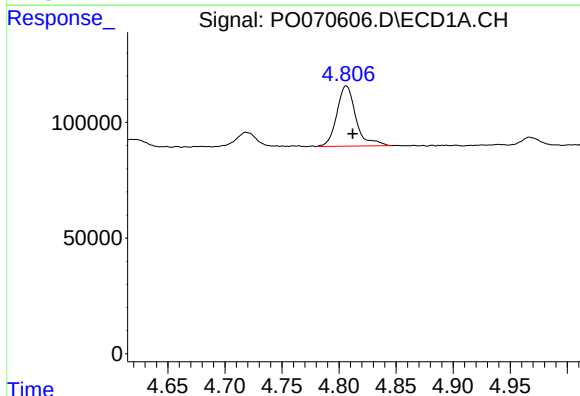
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 80975
Conc: 128.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



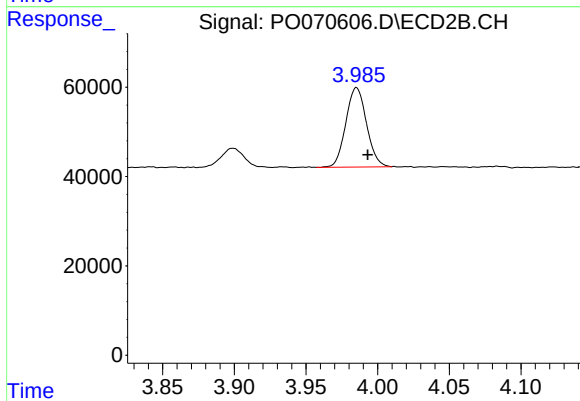
#9 AR-1221-2

R.T.: 3.899 min
Delta R.T.: -0.009 min
Response: 48646
Conc: 109.94 ng/ml



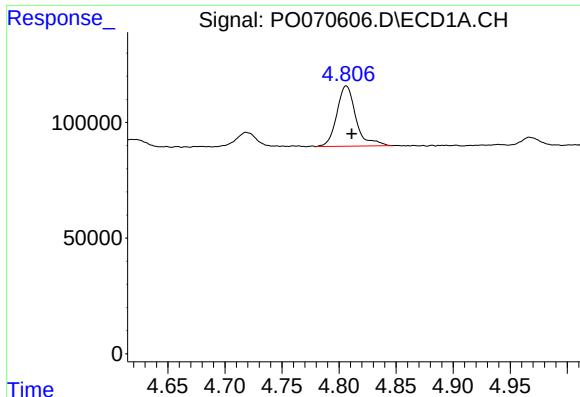
#10 AR-1221-3

R.T.: 4.806 min
Delta R.T.: -0.006 min
Response: 304451
Conc: 152.68 ng/ml



#10 AR-1221-3

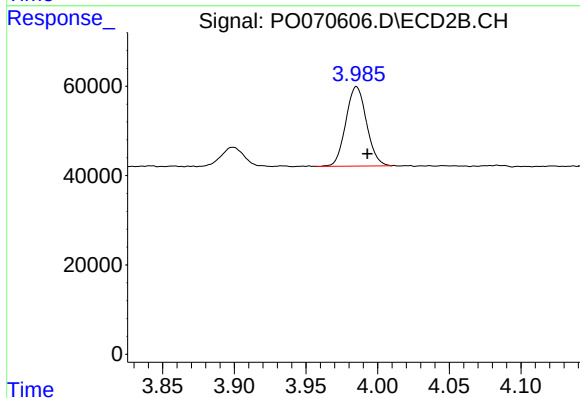
R.T.: 3.985 min
Delta R.T.: -0.008 min
Response: 178614
Conc: 130.15 ng/ml



#11 AR-1232-1

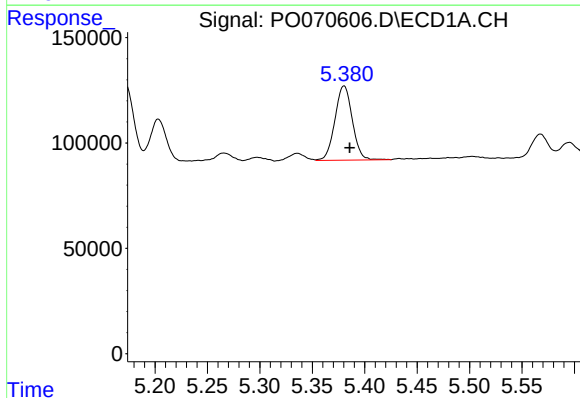
R.T.: 4.806 min
Delta R.T.: -0.005 min
Response: 304451
Conc: 202.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



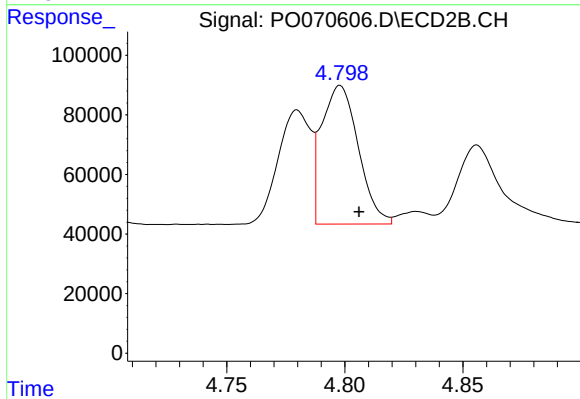
#11 AR-1232-1

R.T.: 3.985 min
Delta R.T.: -0.008 min
Response: 178614
Conc: 164.66 ng/ml



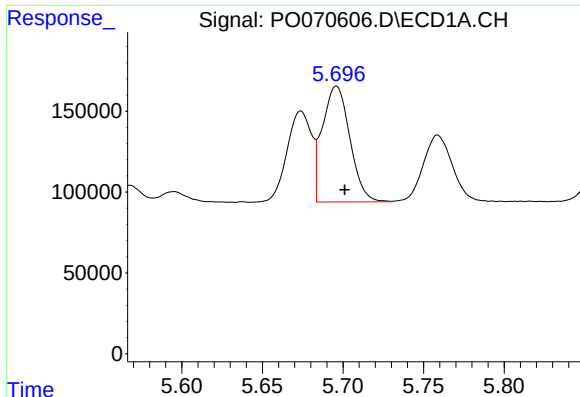
#12 AR-1232-2

R.T.: 5.380 min
Delta R.T.: -0.006 min
Response: 407595
Conc: 495.45 ng/ml



#12 AR-1232-2

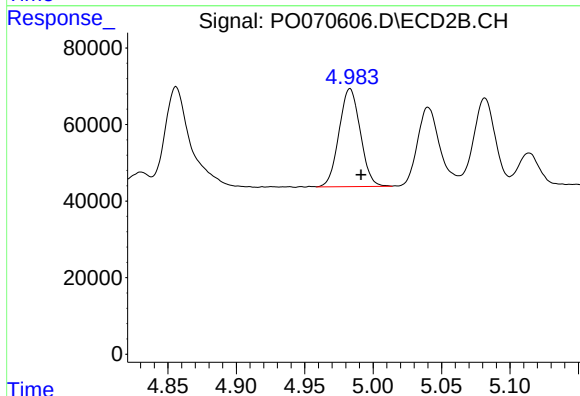
R.T.: 4.798 min
Delta R.T.: -0.008 min
Response: 503191
Conc: 405.31 ng/ml



#13 AR-1232-3

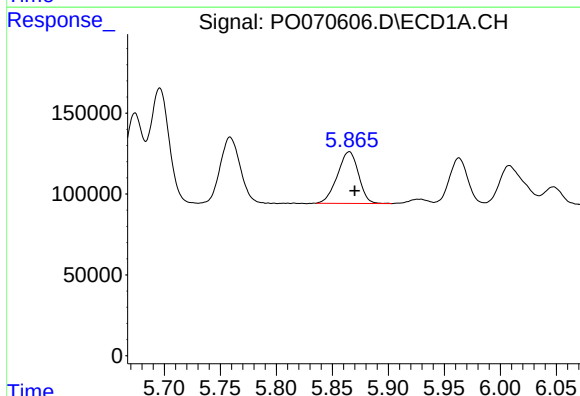
R.T.: 5.696 min
Delta R.T.: -0.005 min
Response: 851120
Conc: 477.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



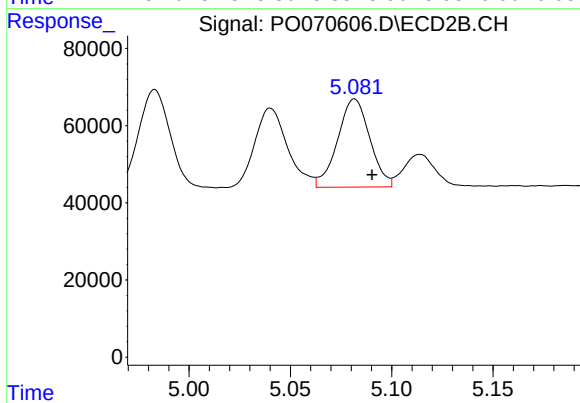
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 277199
Conc: 415.48 ng/ml



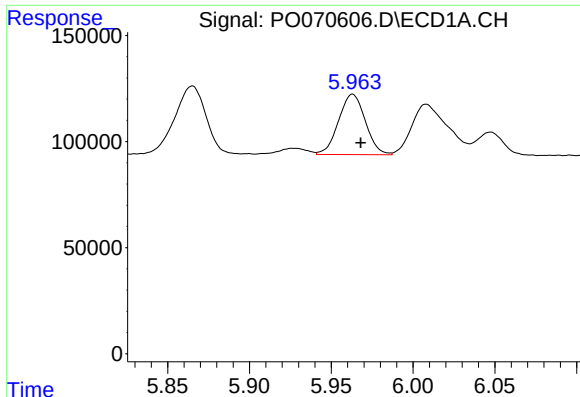
#14 AR-1232-4

R.T.: 5.865 min
Delta R.T.: -0.005 min
Response: 419781
Conc: 460.10 ng/ml



#14 AR-1232-4

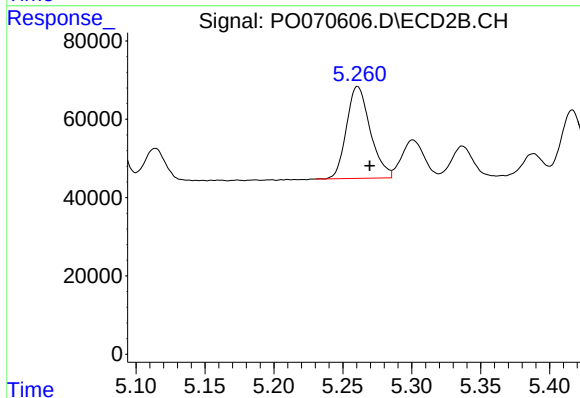
R.T.: 5.082 min
Delta R.T.: -0.009 min
Response: 252616
Conc: 459.09 ng/ml



#15 AR-1232-5

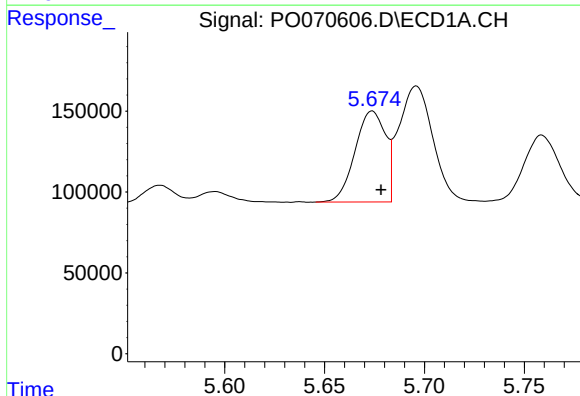
R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 324636
Conc: 530.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



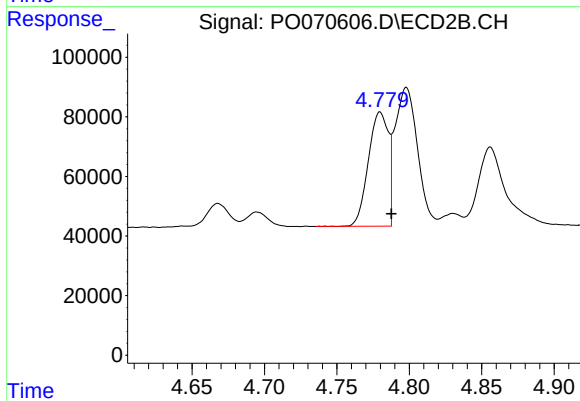
#15 AR-1232-5

R.T.: 5.261 min
Delta R.T.: -0.009 min
Response: 281587
Conc: 428.23 ng/ml



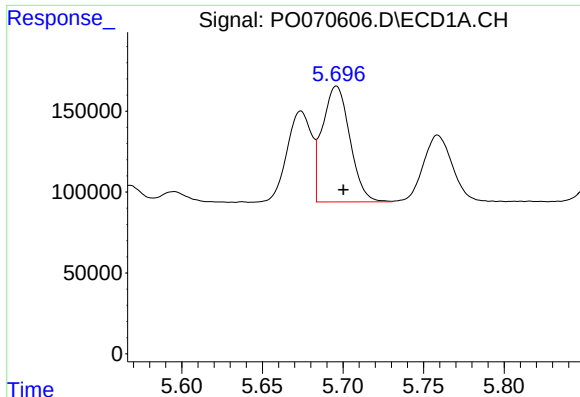
#16 AR-1242-1

R.T.: 5.674 min
Delta R.T.: -0.004 min
Response: 597430
Conc: 253.63 ng/ml



#16 AR-1242-1

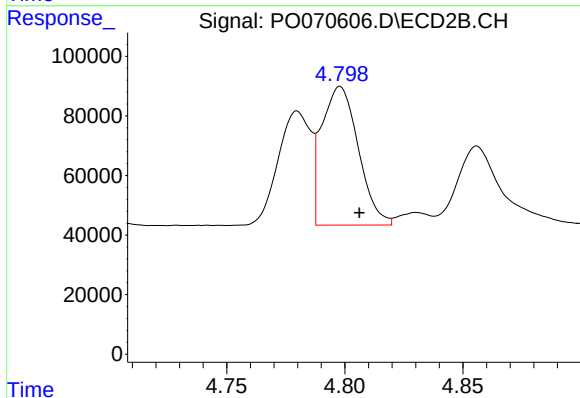
R.T.: 4.780 min
Delta R.T.: -0.008 min
Response: 367949
Conc: 224.78 ng/ml



#17 AR-1242-2

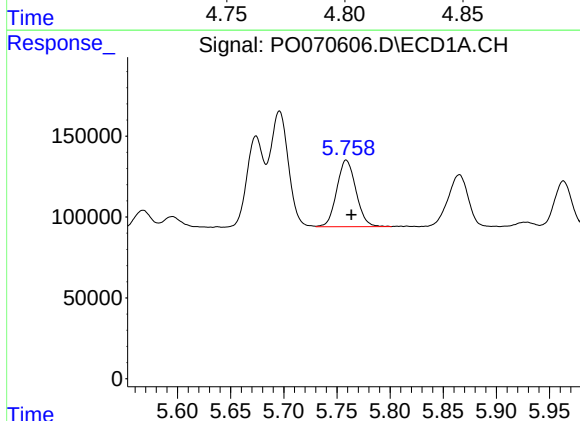
R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 851120
Conc: 252.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



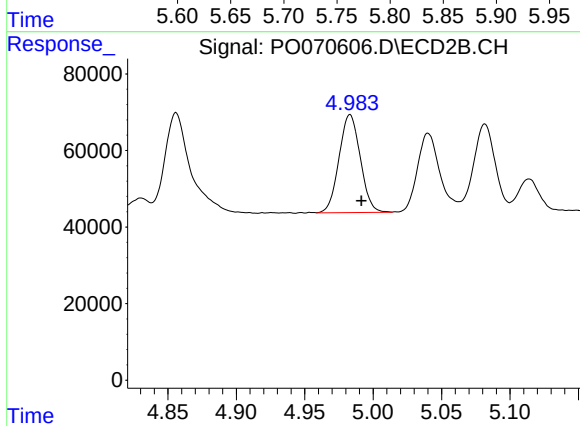
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: -0.008 min
Response: 503191
Conc: 218.33 ng/ml



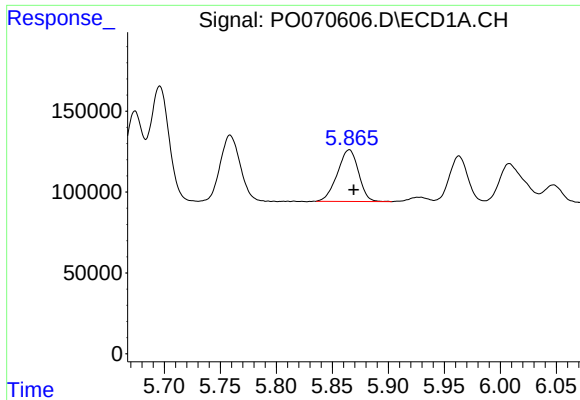
#18 AR-1242-3

R.T.: 5.759 min
Delta R.T.: -0.005 min
Response: 518487
Conc: 253.32 ng/ml



#18 AR-1242-3

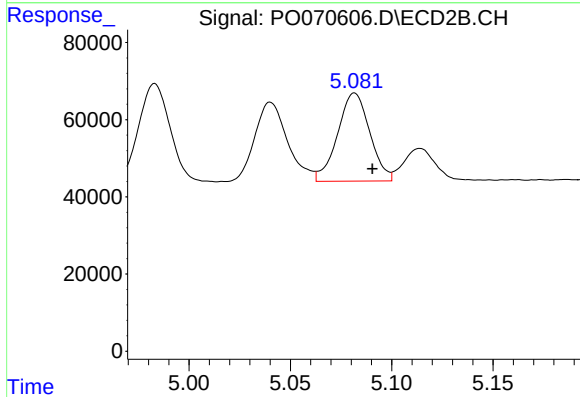
R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 277199
Conc: 222.76 ng/ml



#19 AR-1242-4

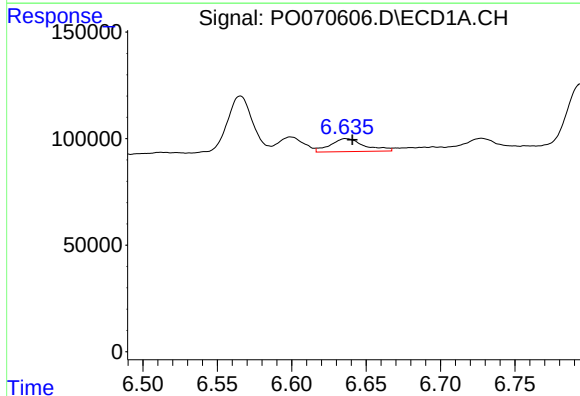
R.T.: 5.865 min
Delta R.T.: -0.004 min
Response: 419781
Conc: 242.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



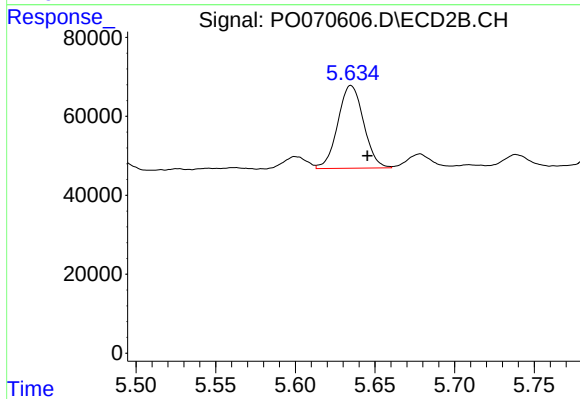
#19 AR-1242-4

R.T.: 5.082 min
Delta R.T.: -0.009 min
Response: 252616
Conc: 222.71 ng/ml



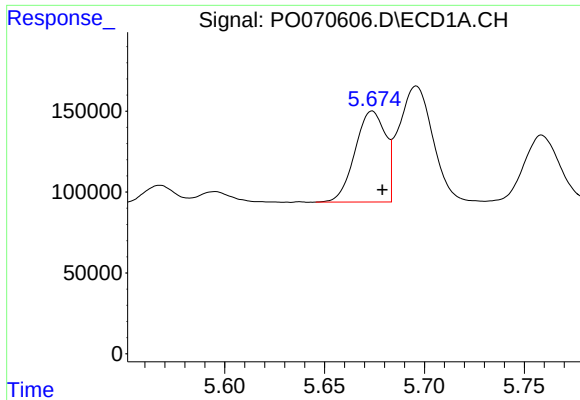
#20 AR-1242-5

R.T.: 6.636 min
Delta R.T.: -0.004 min
Response: 96835
Conc: 47.01 ng/ml



#20 AR-1242-5

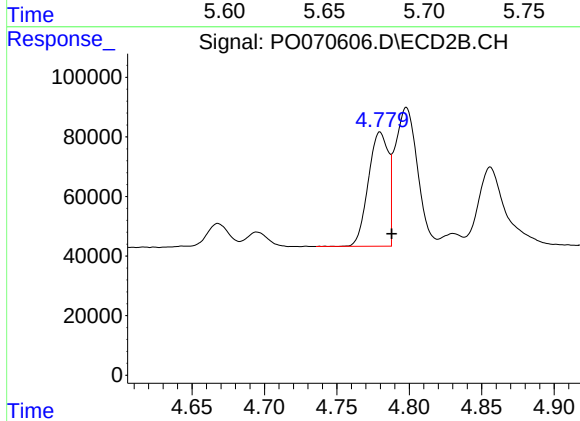
R.T.: 5.635 min
Delta R.T.: -0.010 min
Response: 236221
Conc: 141.62 ng/ml



#21 AR-1248-1

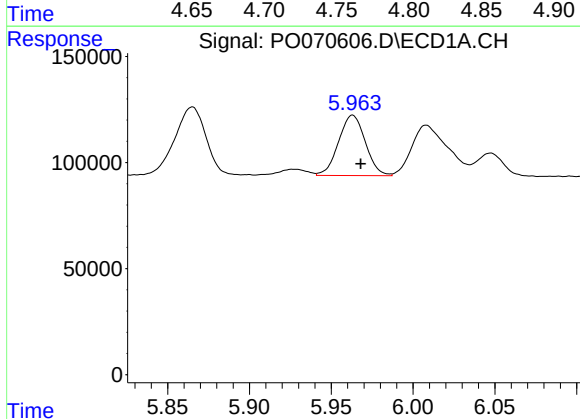
R.T.: 5.674 min
Delta R.T.: -0.005 min
Response: 597430
Conc: 336.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



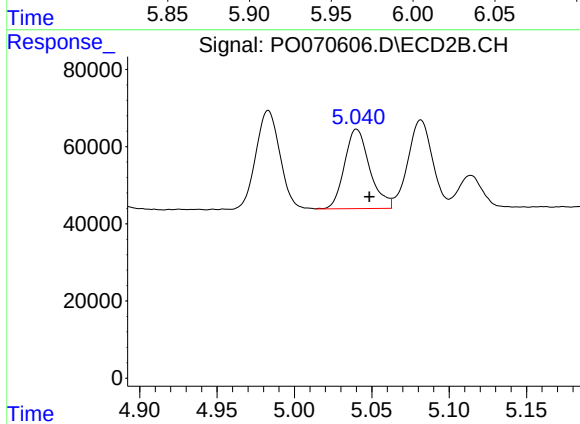
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.008 min
Response: 367949
Conc: 309.12 ng/ml



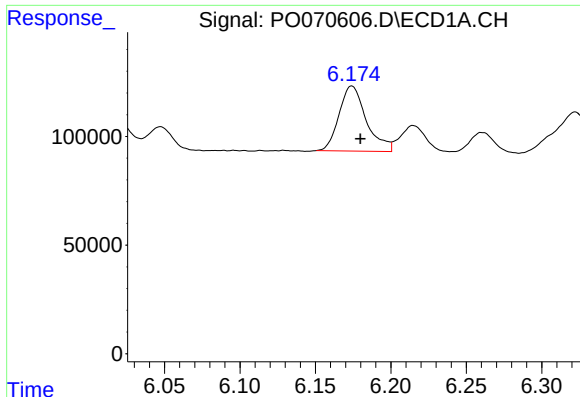
#22 AR-1248-2

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 324636
Conc: 143.14 ng/ml



#22 AR-1248-2

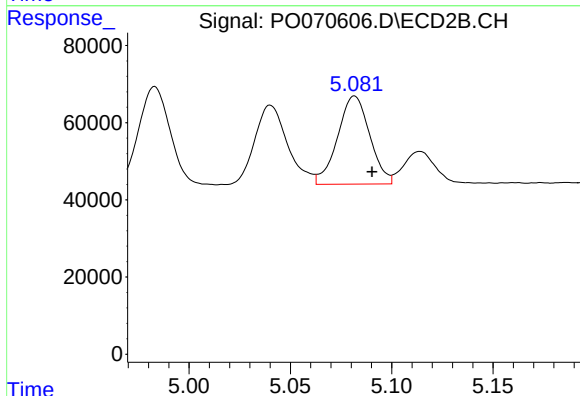
R.T.: 5.040 min
Delta R.T.: -0.008 min
Response: 233223
Conc: 136.84 ng/ml



#23 AR-1248-3

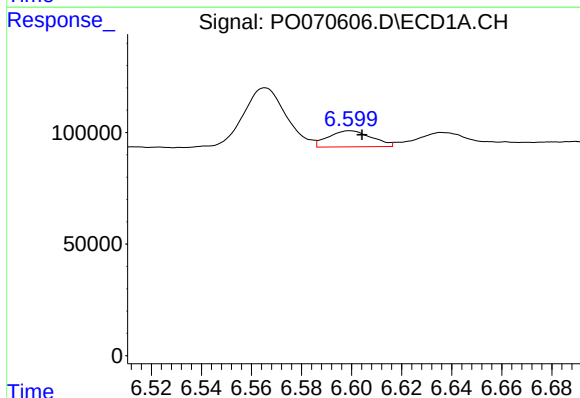
R.T.: 6.174 min
Delta R.T.: -0.006 min
Response: 377401
Conc: 137.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



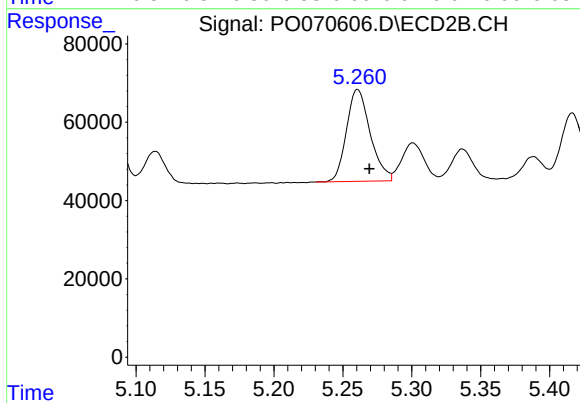
#23 AR-1248-3

R.T.: 5.082 min
Delta R.T.: -0.009 min
Response: 252616
Conc: 161.03 ng/ml



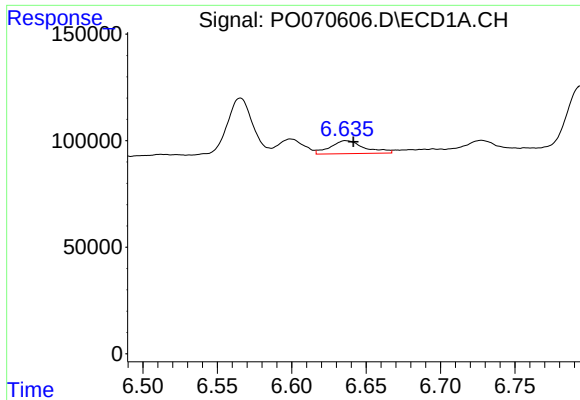
#24 AR-1248-4

R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 86940
Conc: 25.55 ng/ml



#24 AR-1248-4

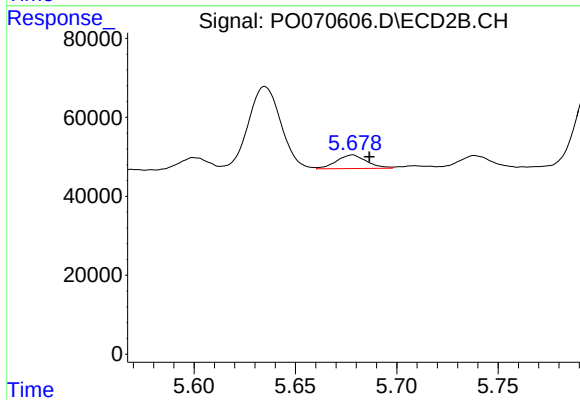
R.T.: 5.261 min
Delta R.T.: -0.009 min
Response: 281587
Conc: 138.50 ng/ml



#25 AR-1248-5

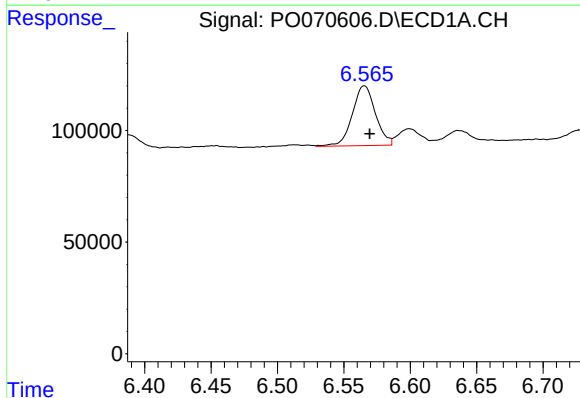
R.T.: 6.636 min
Delta R.T.: -0.005 min
Response: 96835
Conc: 30.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



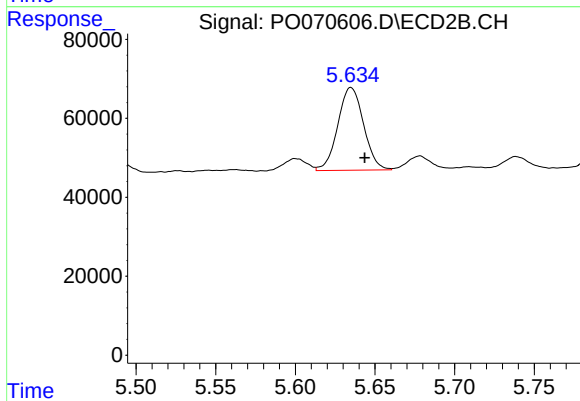
#25 AR-1248-5

R.T.: 5.678 min
Delta R.T.: -0.008 min
Response: 35562
Conc: 17.25 ng/ml



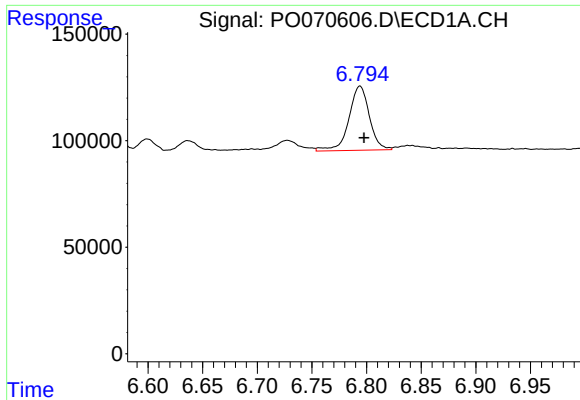
#26 AR-1254-1

R.T.: 6.565 min
Delta R.T.: -0.004 min
Response: 324392
Conc: 91.16 ng/ml



#26 AR-1254-1

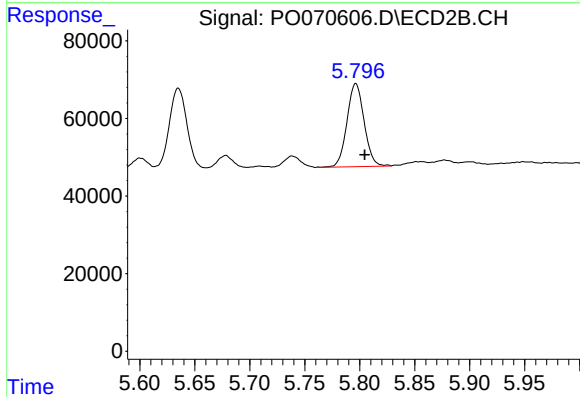
R.T.: 5.635 min
Delta R.T.: -0.009 min
Response: 236221
Conc: 67.45 ng/ml



#27 AR-1254-2

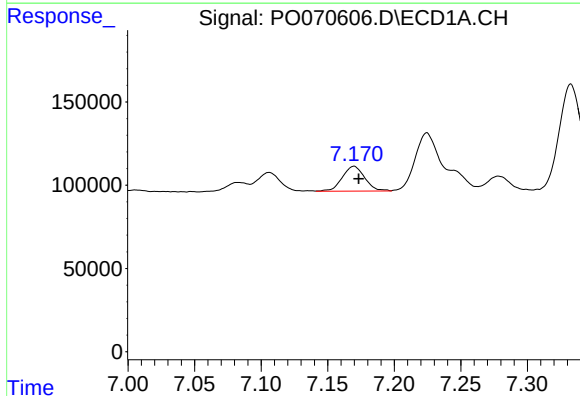
R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 393921
Conc: 70.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



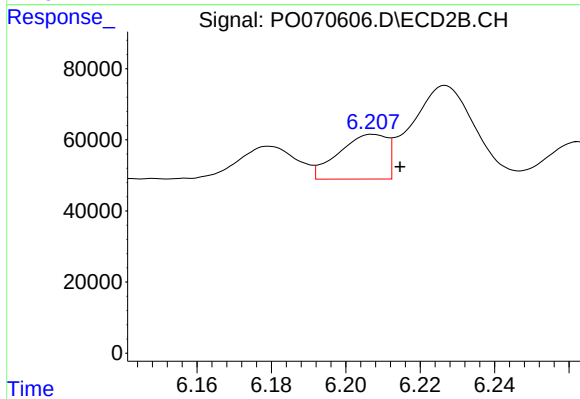
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: -0.008 min
Response: 232800
Conc: 74.75 ng/ml



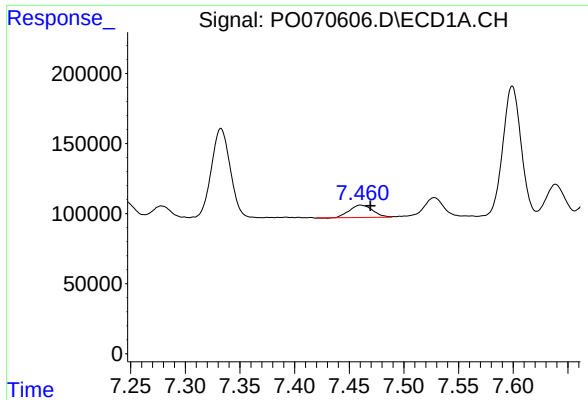
#28 AR-1254-3

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 175288
Conc: 30.44 ng/ml



#28 AR-1254-3

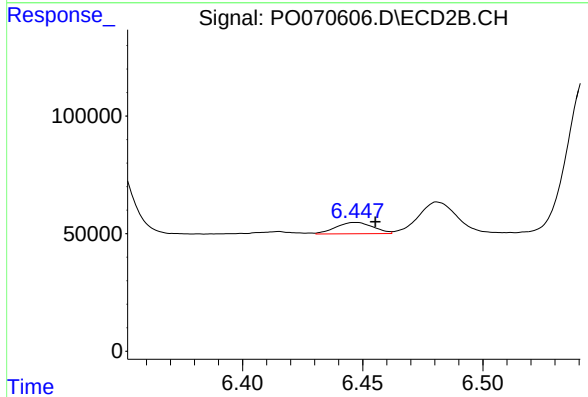
R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 113098
Conc: 22.94 ng/ml



#29 AR-1254-4

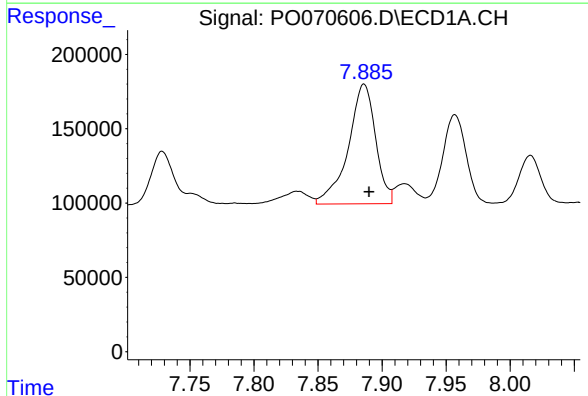
R.T.: 7.460 min
Delta R.T.: -0.009 min
Response: 129926
Conc: 24.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



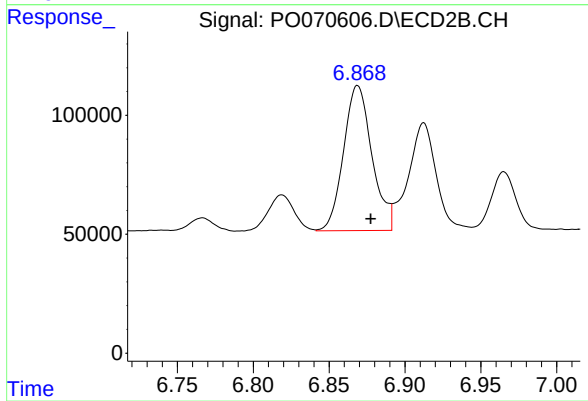
#29 AR-1254-4

R.T.: 6.447 min
Delta R.T.: -0.008 min
Response: 51737
Conc: 14.37 ng/ml



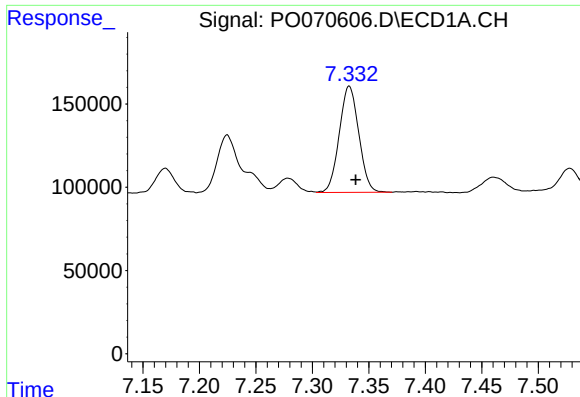
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: -0.004 min
Response: 1196192
Conc: 226.43 ng/ml



#30 AR-1254-5

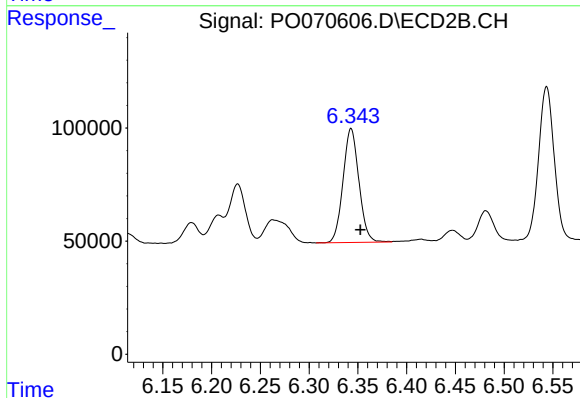
R.T.: 6.869 min
Delta R.T.: -0.009 min
Response: 795461
Conc: 172.95 ng/ml



#31 AR-1260-1

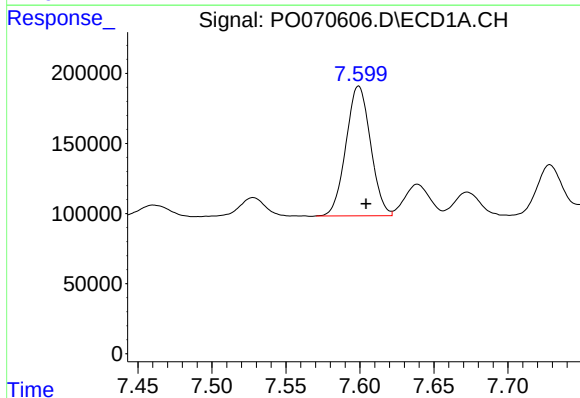
R.T.: 7.333 min
Delta R.T.: -0.006 min
Response: 766793
Conc: 184.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



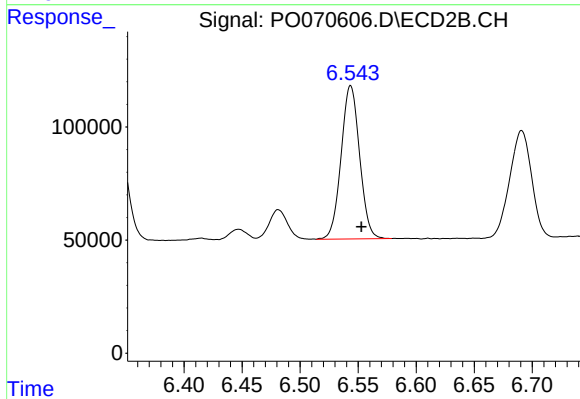
#31 AR-1260-1

R.T.: 6.343 min
Delta R.T.: -0.009 min
Response: 570932
Conc: 176.81 ng/ml



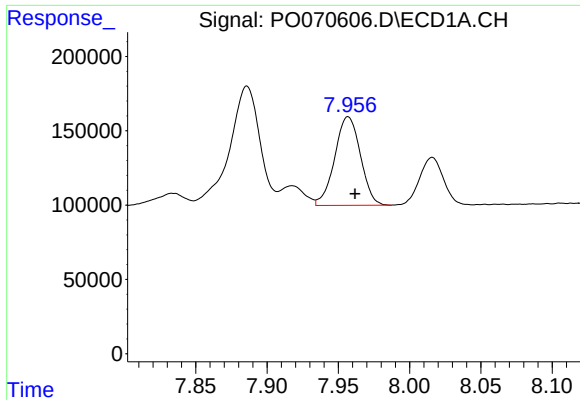
#32 AR-1260-2

R.T.: 7.599 min
Delta R.T.: -0.005 min
Response: 1071807
Conc: 178.50 ng/ml



#32 AR-1260-2

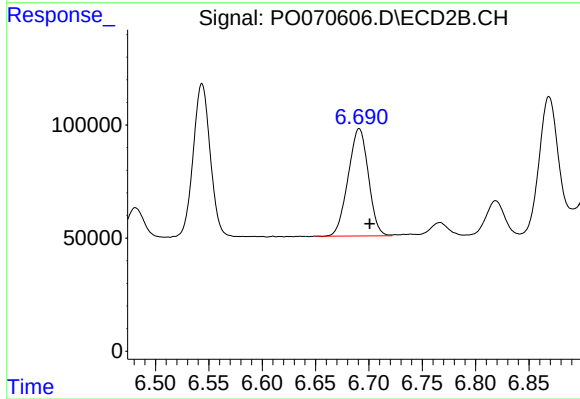
R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 752683
Conc: 174.93 ng/ml



#33 AR-1260-3

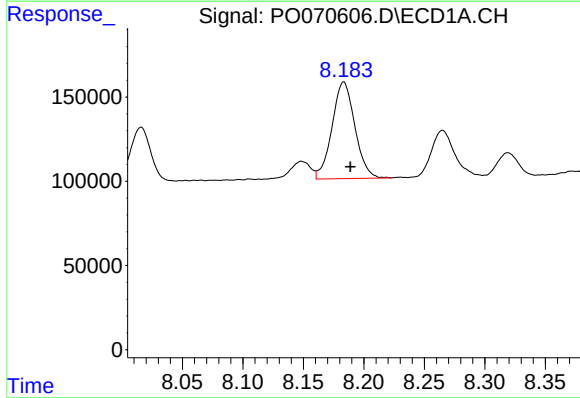
R.T.: 7.957 min
Delta R.T.: -0.005 min
Response: 749829
Conc: 145.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



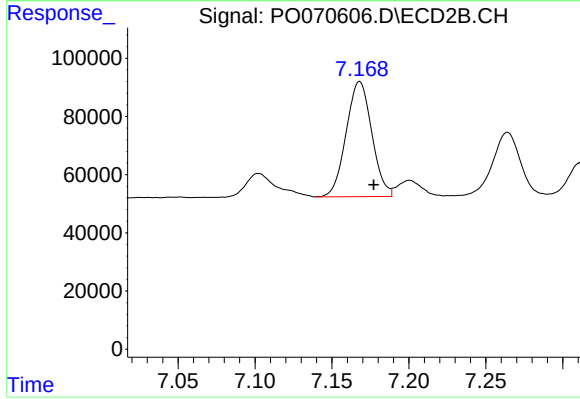
#33 AR-1260-3

R.T.: 6.691 min
Delta R.T.: -0.010 min
Response: 625749
Conc: 170.91 ng/ml



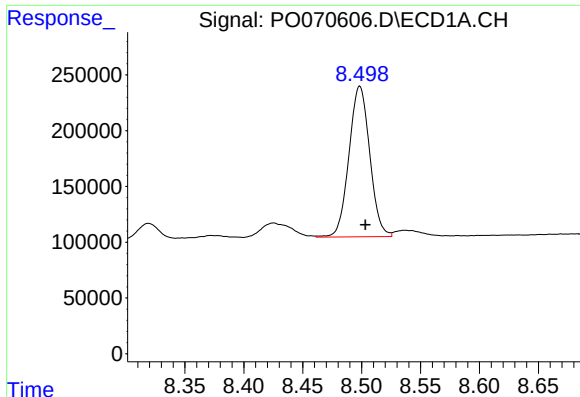
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 754454
Conc: 155.15 ng/ml



#34 AR-1260-4

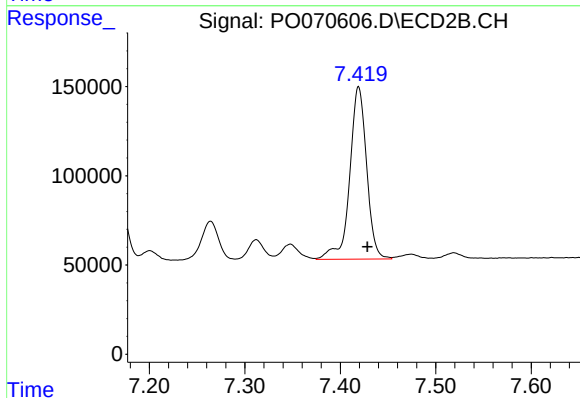
R.T.: 7.168 min
Delta R.T.: -0.009 min
Response: 457659
Conc: 146.81 ng/ml



#35 AR-1260-5

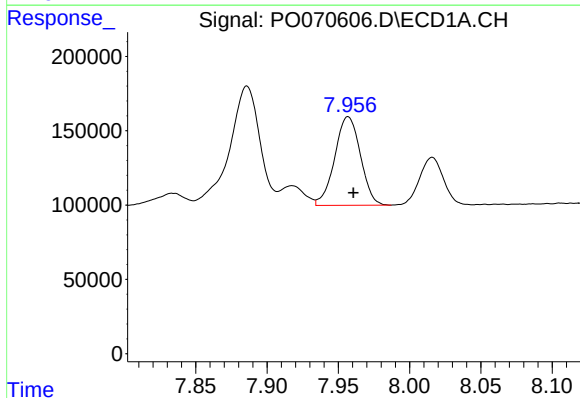
R.T.: 8.498 min
Delta R.T.: -0.005 min
Response: 1658261
Conc: 148.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



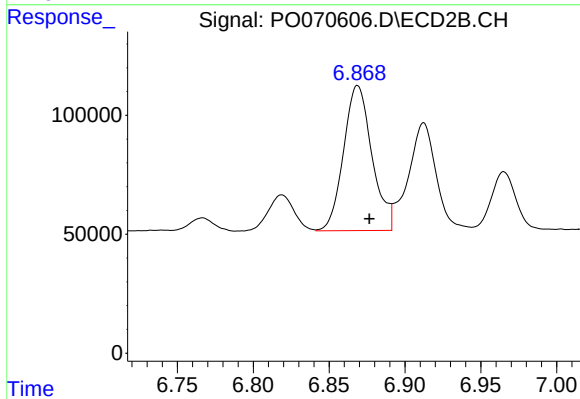
#35 AR-1260-5

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 1188015
Conc: 147.04 ng/ml



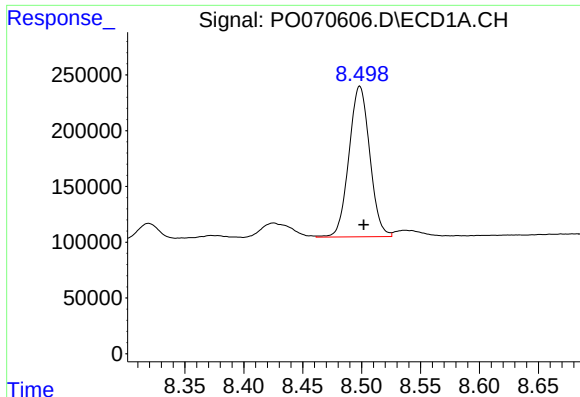
#36 AR-1262-1

R.T.: 7.957 min
Delta R.T.: -0.004 min
Response: 749829
Conc: 97.90 ng/ml



#36 AR-1262-1

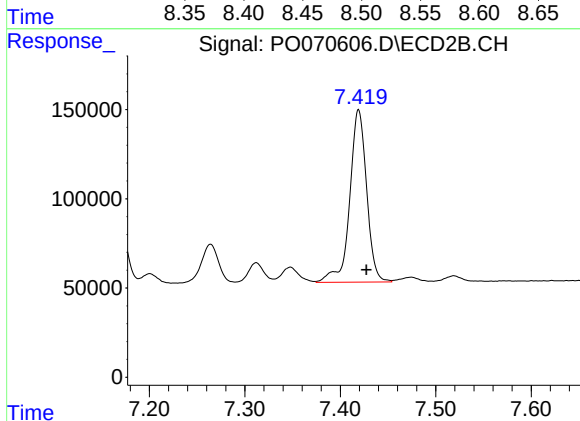
R.T.: 6.869 min
Delta R.T.: -0.008 min
Response: 795461
Conc: 314.67 ng/ml



#37 AR-1262-2

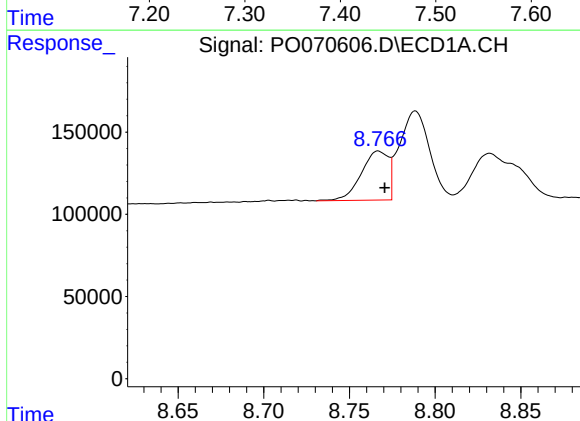
R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 1658261
Conc: 131.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



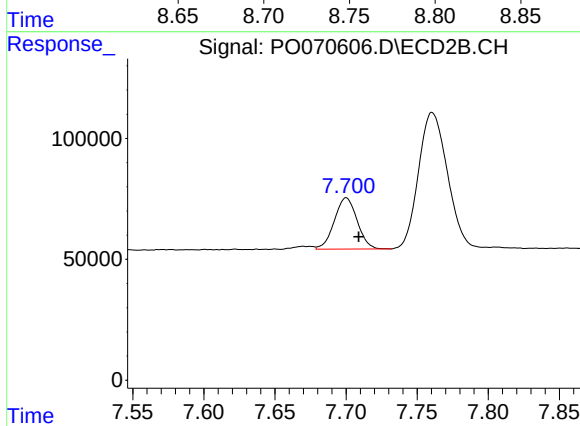
#37 AR-1262-2

R.T.: 7.419 min
Delta R.T.: -0.008 min
Response: 1188015
Conc: 129.69 ng/ml



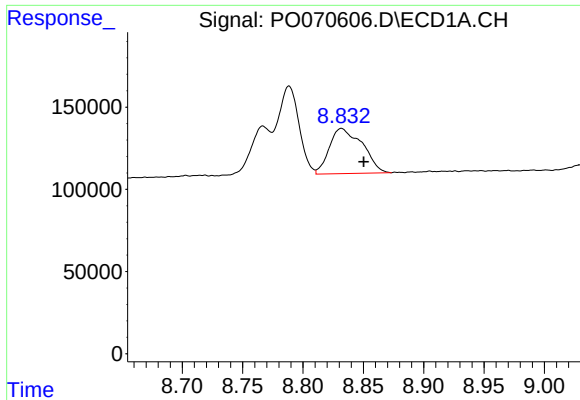
#38 AR-1262-3

R.T.: 8.767 min
Delta R.T.: -0.004 min
Response: 329883
Conc: 57.62 ng/ml



#38 AR-1262-3

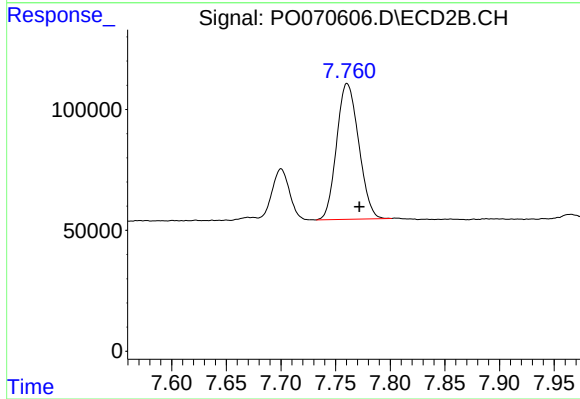
R.T.: 7.700 min
Delta R.T.: -0.009 min
Response: 236588
Conc: 64.65 ng/ml



#39 AR-1262-4

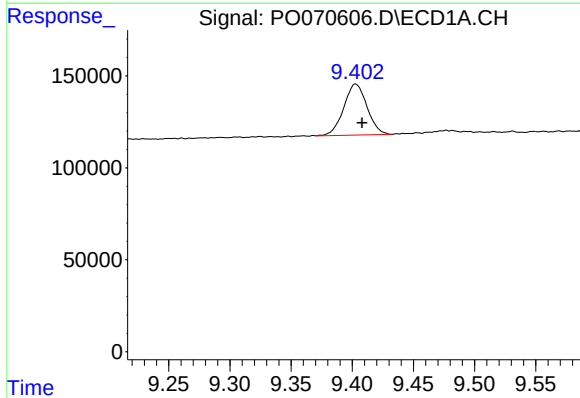
R.T.: 8.832 min
Delta R.T.: -0.018 min
Response: 522602
Conc: 165.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



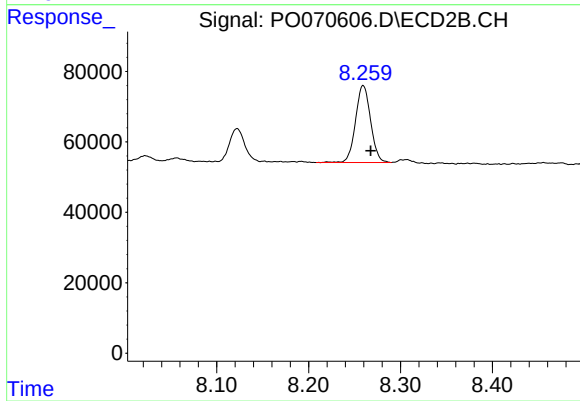
#39 AR-1262-4

R.T.: 7.761 min
Delta R.T.: -0.011 min
Response: 789397
Conc: 125.18 ng/ml



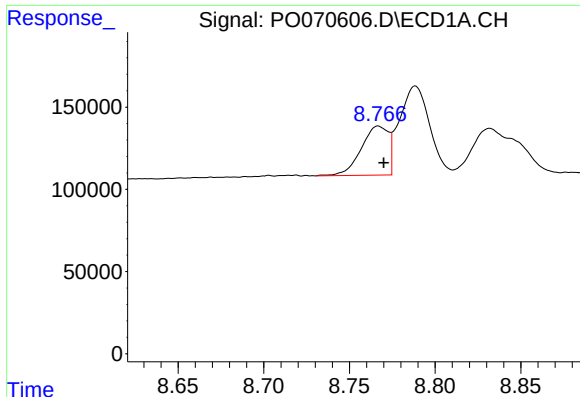
#40 AR-1262-5

R.T.: 9.403 min
Delta R.T.: -0.005 min
Response: 367435
Conc: 88.92 ng/ml



#40 AR-1262-5

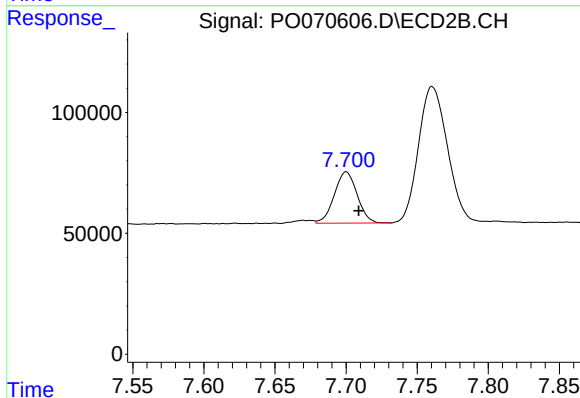
R.T.: 8.259 min
Delta R.T.: -0.008 min
Response: 249337
Conc: 86.88 ng/ml



#41 AR-1268-1

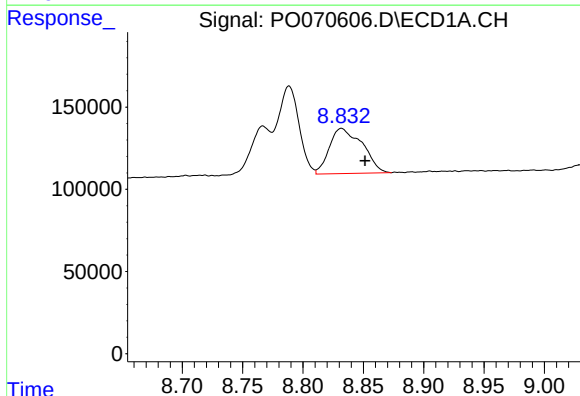
R.T.: 8.767 min
Delta R.T.: -0.003 min
Response: 329883
Conc: 20.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



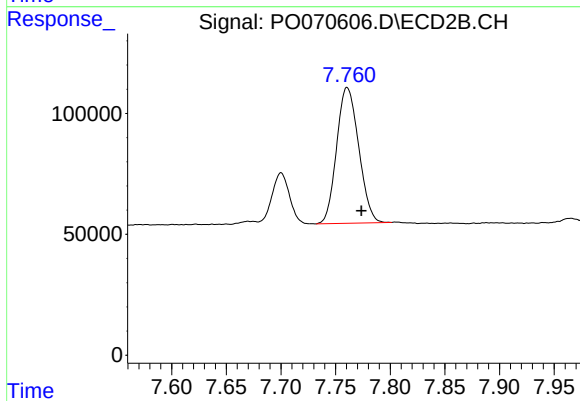
#41 AR-1268-1

R.T.: 7.700 min
Delta R.T.: -0.009 min
Response: 236588
Conc: 21.06 ng/ml



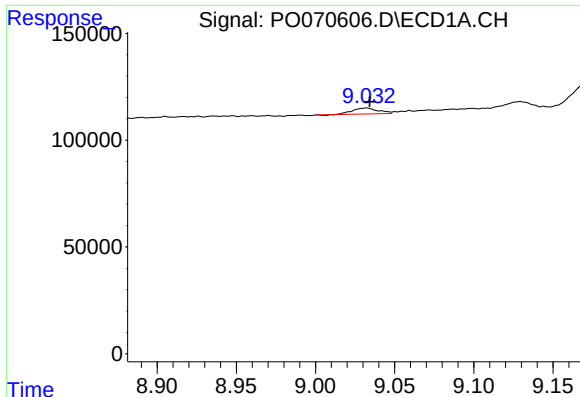
#42 AR-1268-2

R.T.: 8.832 min
Delta R.T.: -0.020 min
Response: 522602
Conc: 38.42 ng/ml



#42 AR-1268-2

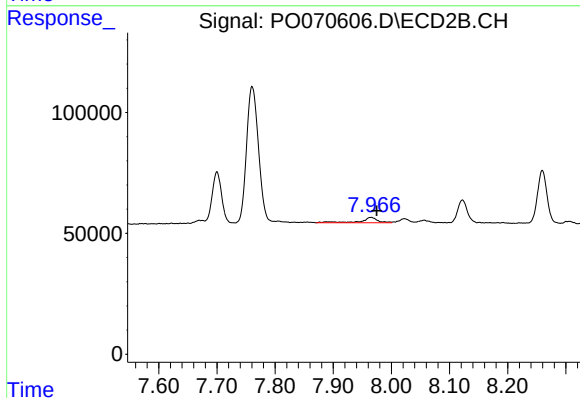
R.T.: 7.761 min
Delta R.T.: -0.013 min
Response: 789397
Conc: 81.83 ng/ml



#43 AR-1268-3

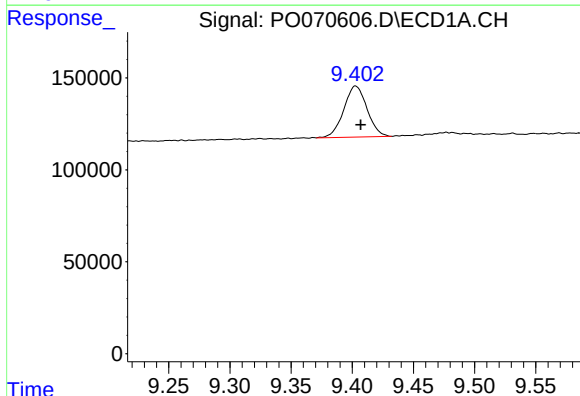
R.T.: 9.032 min
Delta R.T.: -0.002 min
Response: 30725
Conc: 2.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



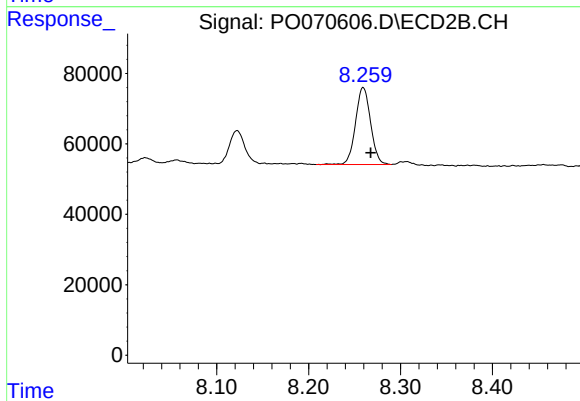
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.010 min
Response: 45679
Conc: 5.68 ng/ml



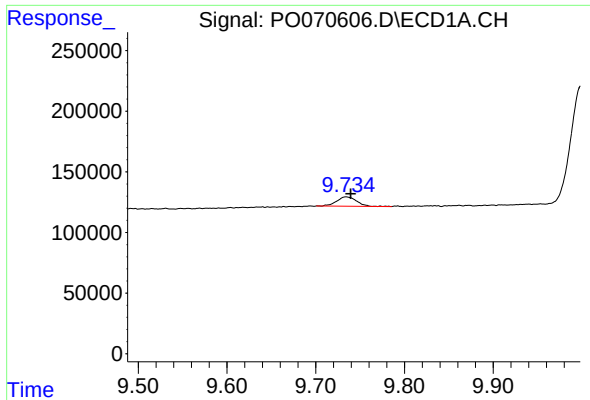
#44 AR-1268-4

R.T.: 9.403 min
Delta R.T.: -0.004 min
Response: 367435
Conc: 76.16 ng/ml



#44 AR-1268-4

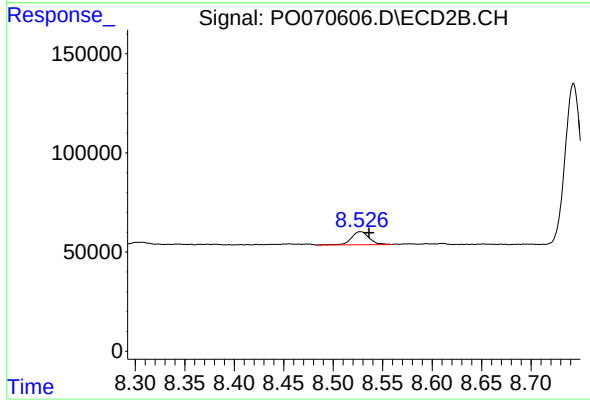
R.T.: 8.259 min
Delta R.T.: -0.008 min
Response: 249337
Conc: 75.84 ng/ml



#45 AR-1268-5

R.T.: 9.734 min
Delta R.T.: -0.005 min
Response: 120538
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.528 min
Delta R.T.: -0.009 min
Response: 81389
Conc: 3.72 ng/ml