

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0021820\
 Data File : P0066616.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Feb 2020 13:19
 Operator : DD\AJ
 Sample : L1558-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 18 16:33:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0021320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Feb 13 16:40:54 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...	4.129	3.408	792281	1029290	23.151	25.550
2)	SA Decachlor...	9.606	8.295	881621	1156576	19.225	19.232
Target Compounds							
3)	L1 AR-1016-1	5.277	4.463	320361	326874	229.097	237.938
4)	L1 AR-1016-2	5.298	4.480	490160	688054	232.416	253.182
5)	L1 AR-1016-3	5.359	4.653	272764	276797	217.573	225.227
6)	L1 AR-1016-4	5.456	4.695	228734	235996	211.794	237.947
7)	L1 AR-1016-5	5.745	4.903	221652	294929	209.986	238.318
8)	L2 AR-1221-1	0.000	3.617	0	29211	N.D.	76.044 #
9)	L2 AR-1221-2	0.000	3.700	0	40692	N.D.	141.024 #
10)	L2 AR-1221-3	4.496	3.772	148042	159483	170.397	164.779
11)	L3 AR-1232-1	4.496	3.772	148042	159483	210.940	206.754
12)	L3 AR-1232-2	5.012	4.480	213348	688054	587.387	616.837
13)	L3 AR-1232-3	5.298	4.653	490160	276797	609.458	588.240
14)	L3 AR-1232-4	5.456	4.735	228734	286443	565.639	704.060
15)	L3 AR-1232-5	5.545	4.903	196450	294929	711.764	716.934
16)	L4 AR-1242-1	5.277	4.463	320361	326874	311.362	325.825
17)	L4 AR-1242-2	5.298	4.480	490160	688054	316.153	327.953
18)	L4 AR-1242-3	5.359	4.653	272764	276797	296.866	315.108
19)	L4 AR-1242-4	5.456	4.735	228734	286443	299.069	350.864
20)	L4 AR-1242-5	6.117	5.248	127083	223638	140.411	190.398 #
21)	L5 AR-1248-1	5.277	4.463	320361	326874	396.937	392.959
22)	L5 AR-1248-2	5.545	4.695	196450	235996	174.613	190.380
23)	L5 AR-1248-3	5.745	4.735	221652	286443	169.376	229.370 #
24)	L5 AR-1248-4	6.117	4.903	127083	294929	77.838	187.313 #
25)	L5 AR-1248-5	6.117	5.248	127083	223638	83.379	127.581 #
26)	L6 AR-1254-1	6.117	5.248	127083	223638	76.176	78.963
27)	L6 AR-1254-2	6.333	5.394	210330	266974	78.317	101.320 #
28)	L6 AR-1254-3	6.696	5.805	117815	583665	41.396	134.683 #
29)	L6 AR-1254-4	6.977	6.048	79336	190563	32.043	61.598 #
30)	L6 AR-1254-5	7.392	6.430	803619	1130938	323.855	254.041
31)	L7 AR-1260-1	6.856	5.918	524690	784365	242.229	267.099
32)	L7 AR-1260-2	7.112	6.107	747981	1242237	225.936	261.316
33)	L7 AR-1260-3	7.467	6.256	516136	903208	186.924	225.824
34)	L7 AR-1260-4	7.690	6.722	519134	720336	200.262	223.325
35)	L7 AR-1260-5	7.997	6.965	1103610	1793587	180.986	193.547
36)	L8 AR-1262-1	7.467	6.430	516136	1130938	131.440	516.001 #
37)	L8 AR-1262-2	7.997	6.965	1103610	1793587	169.388	179.770
38)	L8 AR-1262-3	8.291	7.243	643206	366312	151.533	84.787 #
39)	L8 AR-1262-4	8.342	7.307	343772	1286306	111.953	185.150 #
40)	L8 AR-1262-5	8.949	7.801	240476	313317	113.632	109.199
41)	L9 AR-1268-1	8.291	7.243	643206	366312	82.230	30.971 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021820\
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 Acq On : 18 Feb 2020 13:19
 Operator : DD\AJ
 Sample : L1558-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

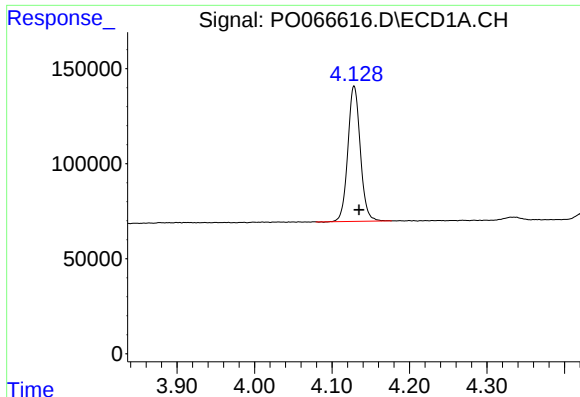
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 18 16:33:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0021320.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	8.342	7.307	343772	1286306	52.643	130.766 #
44) L9	AR-1268-4	8.949	7.801	240476	313317	106.124	96.715
45) L9	AR-1268-5	9.314	8.069	75514	73474	4.598	3.120 #

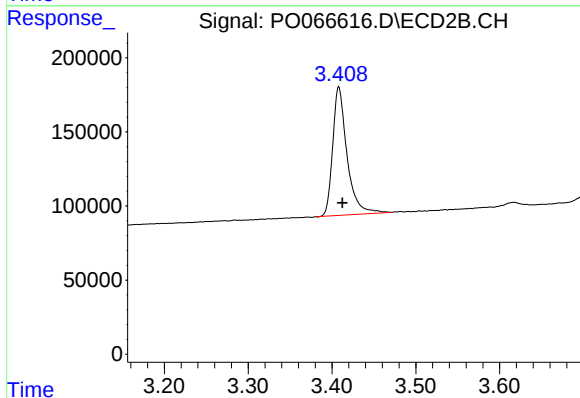
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

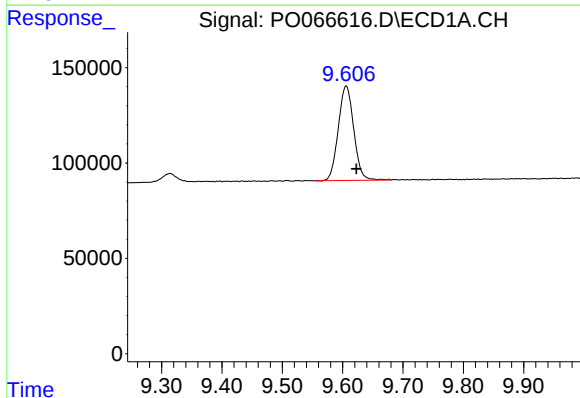
R.T.: 4.129 min
Delta R.T.: -0.006 min
Response: 792281
Conc: 23.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



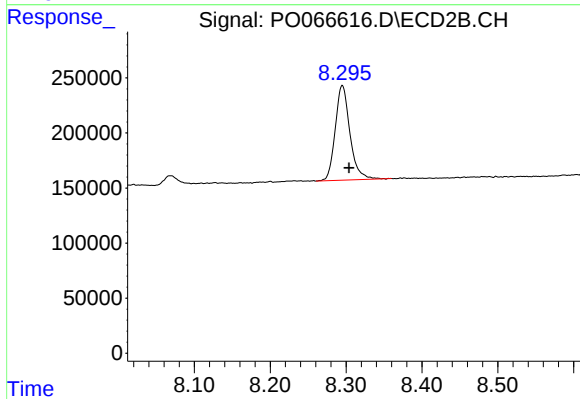
#1 Tetrachloro-m-xylene

R.T.: 3.408 min
Delta R.T.: -0.004 min
Response: 1029290
Conc: 25.55 ng/ml



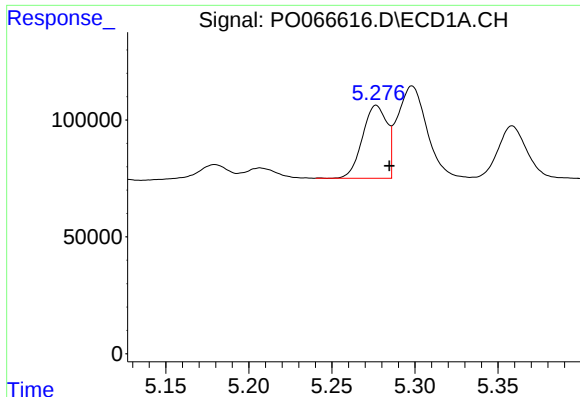
#2 Decachlorobiphenyl

R.T.: 9.606 min
Delta R.T.: -0.017 min
Response: 881621
Conc: 19.22 ng/ml



#2 Decachlorobiphenyl

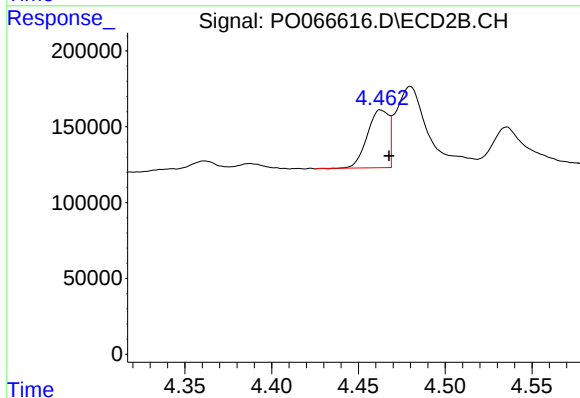
R.T.: 8.295 min
Delta R.T.: -0.009 min
Response: 1156576
Conc: 19.23 ng/ml



#3 AR-1016-1

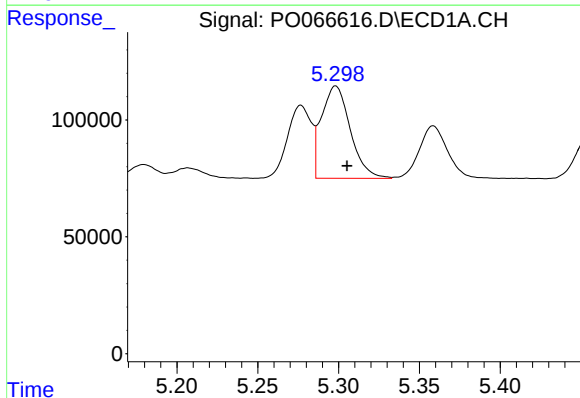
R.T.: 5.277 min
Delta R.T.: -0.008 min
Response: 320361
Conc: 229.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



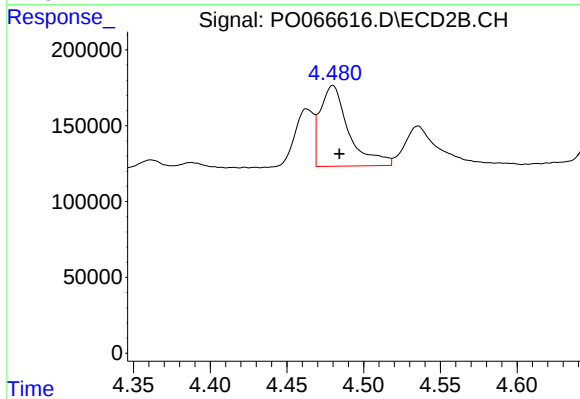
#3 AR-1016-1

R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 326874
Conc: 237.94 ng/ml



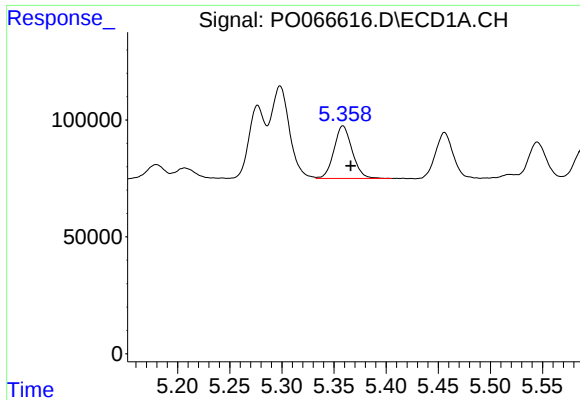
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: -0.007 min
Response: 490160
Conc: 232.42 ng/ml



#4 AR-1016-2

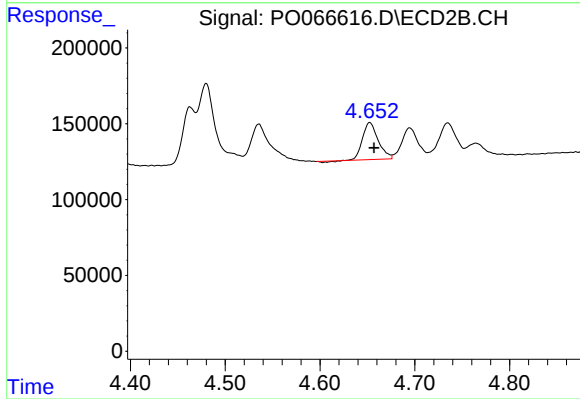
R.T.: 4.480 min
Delta R.T.: -0.004 min
Response: 688054
Conc: 253.18 ng/ml



#5 AR-1016-3

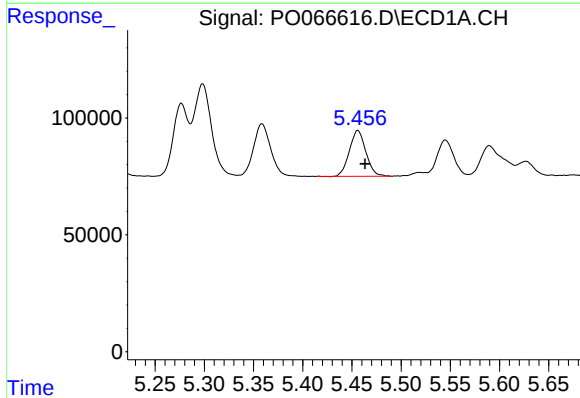
R.T.: 5.359 min
Delta R.T.: -0.007 min
Response: 272764
Conc: 217.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



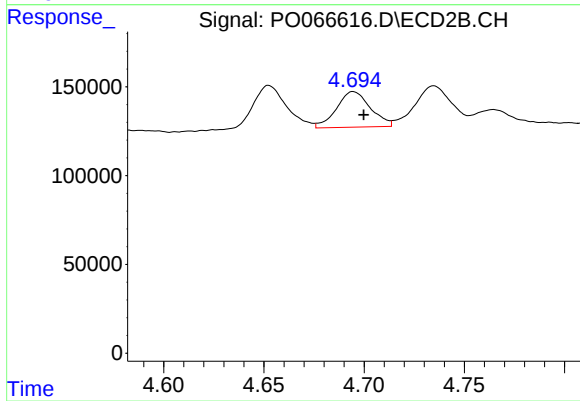
#5 AR-1016-3

R.T.: 4.653 min
Delta R.T.: -0.004 min
Response: 276797
Conc: 225.23 ng/ml



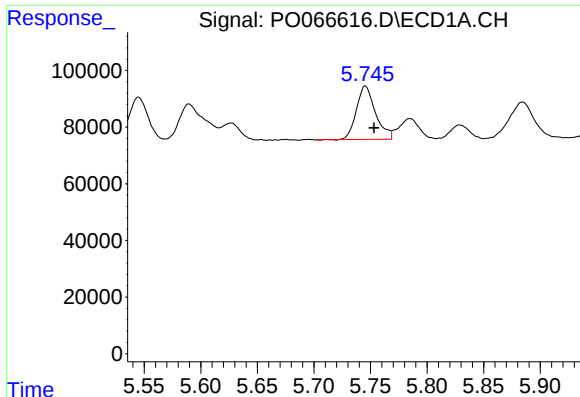
#6 AR-1016-4

R.T.: 5.456 min
Delta R.T.: -0.007 min
Response: 228734
Conc: 211.79 ng/ml



#6 AR-1016-4

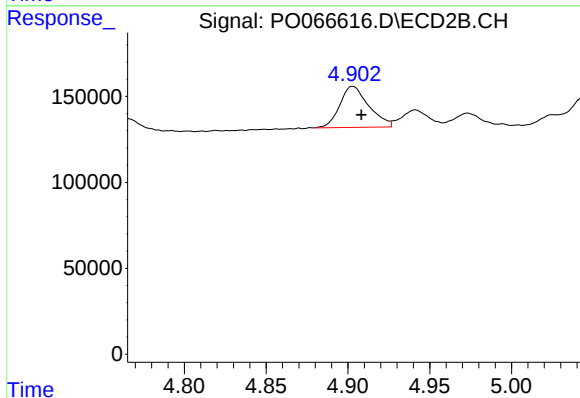
R.T.: 4.695 min
Delta R.T.: -0.005 min
Response: 235996
Conc: 237.95 ng/ml



#7 AR-1016-5

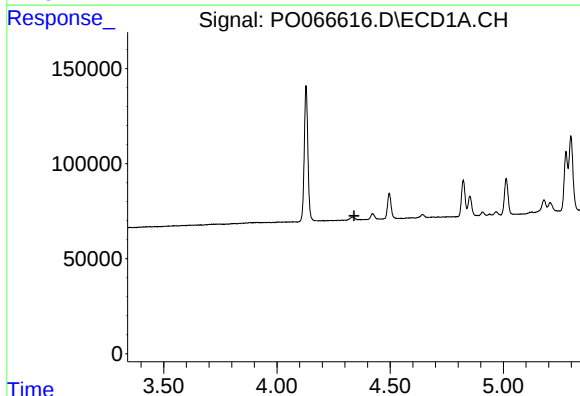
R.T.: 5.745 min
Delta R.T.: -0.008 min
Response: 221652
Conc: 209.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



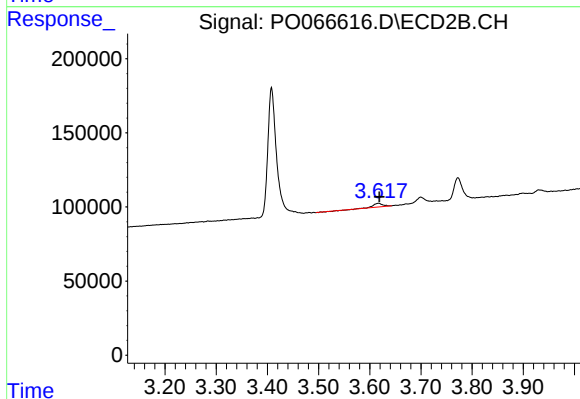
#7 AR-1016-5

R.T.: 4.903 min
Delta R.T.: -0.005 min
Response: 294929
Conc: 238.32 ng/ml



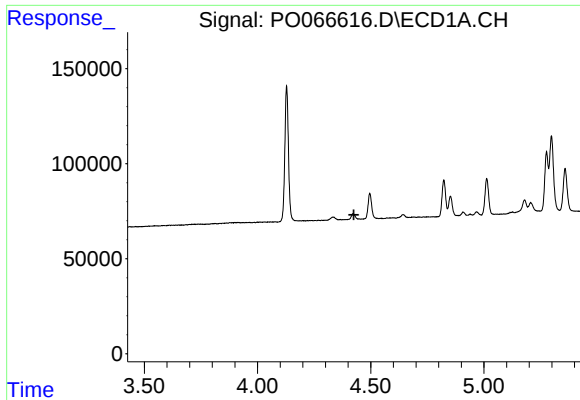
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.340 min
Response: 0
Conc: N.D.



#8 AR-1221-1

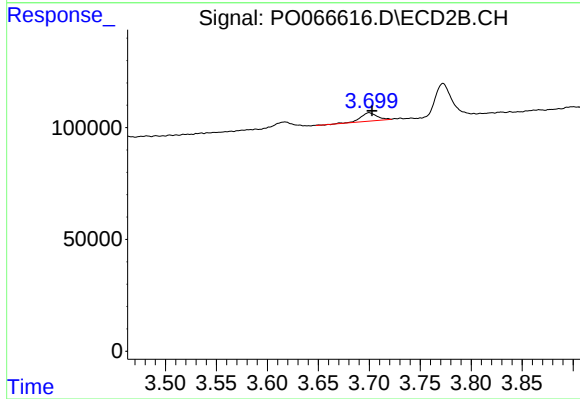
R.T.: 3.617 min
Delta R.T.: -0.002 min
Response: 29211
Conc: 76.04 ng/ml



#9 AR-1221-2

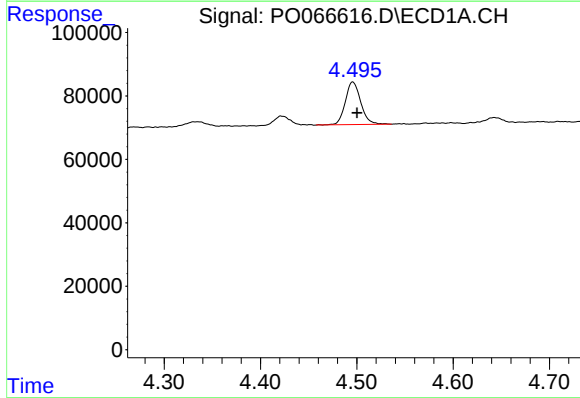
R.T.: 0.000 min
Exp R.T.: 4.426 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



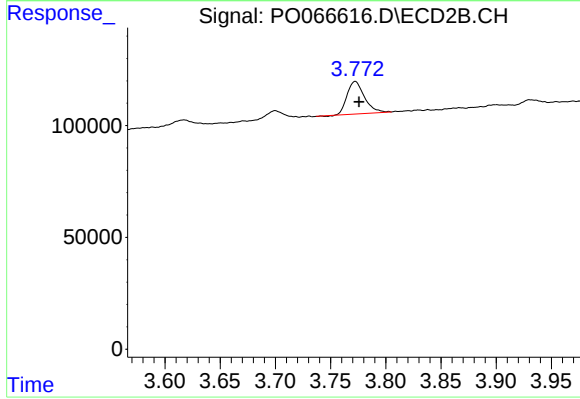
#9 AR-1221-2

R.T.: 3.700 min
Delta R.T.: -0.003 min
Response: 40692
Conc: 141.02 ng/ml



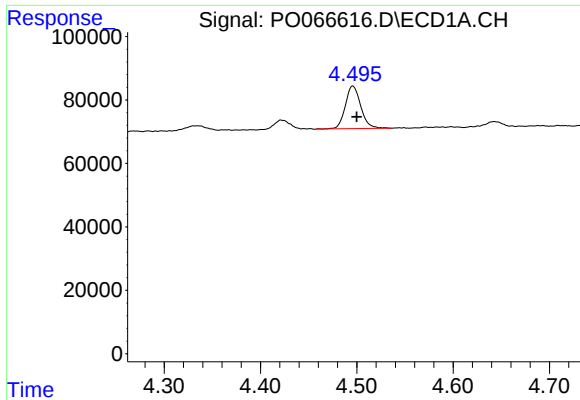
#10 AR-1221-3

R.T.: 4.496 min
Delta R.T.: -0.004 min
Response: 148042
Conc: 170.40 ng/ml



#10 AR-1221-3

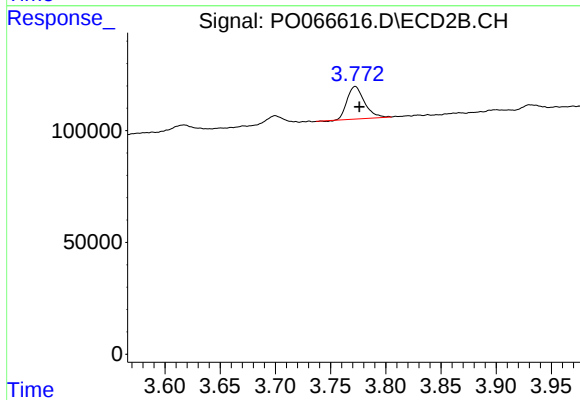
R.T.: 3.772 min
Delta R.T.: -0.003 min
Response: 159483
Conc: 164.78 ng/ml



#11 AR-1232-1

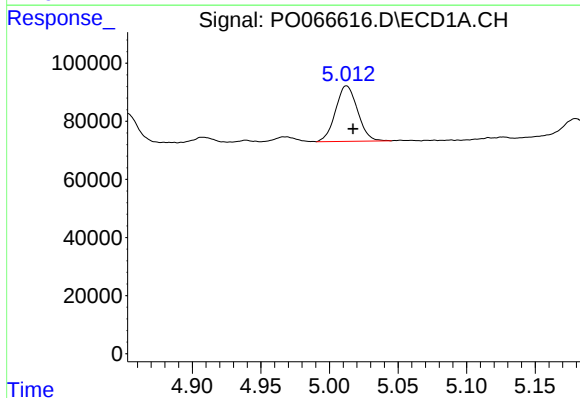
R.T.: 4.496 min
Delta R.T.: -0.004 min
Response: 148042
Conc: 210.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



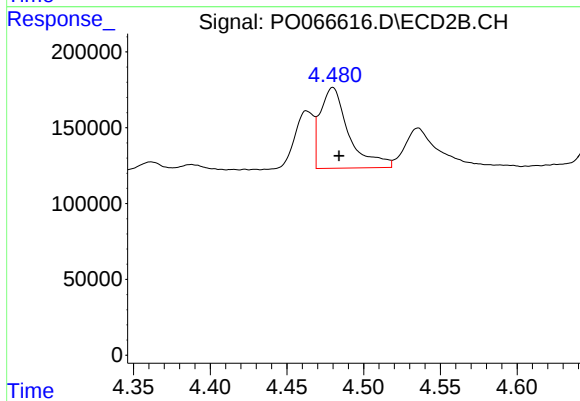
#11 AR-1232-1

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 159483
Conc: 206.75 ng/ml



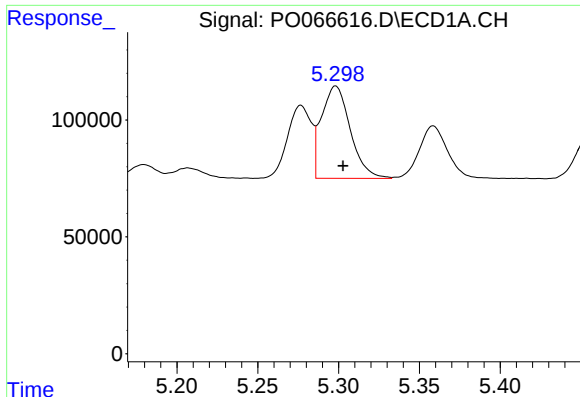
#12 AR-1232-2

R.T.: 5.012 min
Delta R.T.: -0.005 min
Response: 213348
Conc: 587.39 ng/ml



#12 AR-1232-2

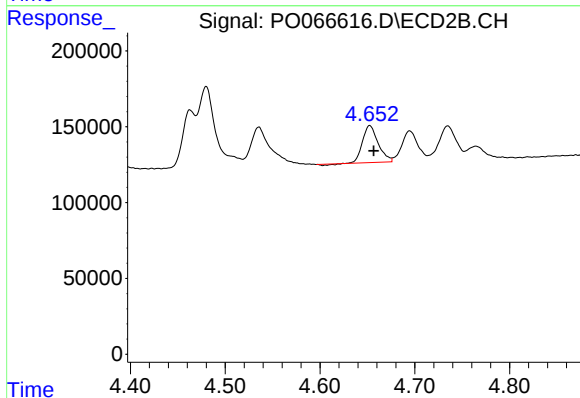
R.T.: 4.480 min
Delta R.T.: -0.004 min
Response: 688054
Conc: 616.84 ng/ml



#13 AR-1232-3

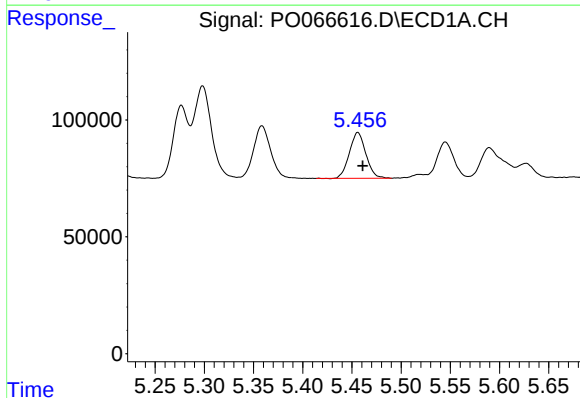
R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 490160
Conc: 609.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



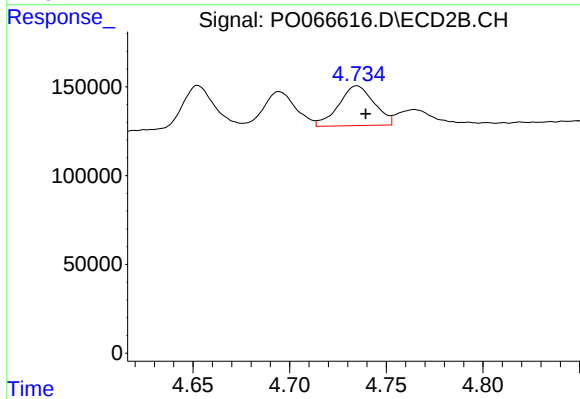
#13 AR-1232-3

R.T.: 4.653 min
Delta R.T.: -0.004 min
Response: 276797
Conc: 588.24 ng/ml



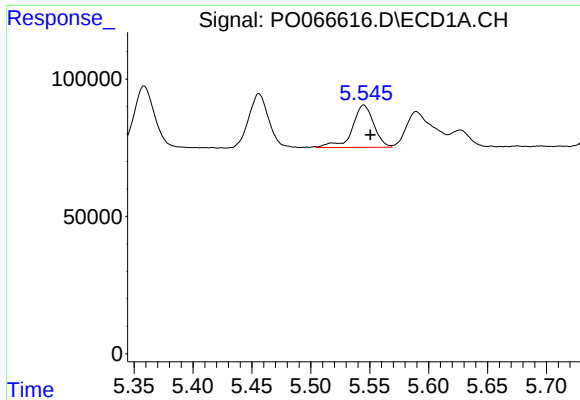
#14 AR-1232-4

R.T.: 5.456 min
Delta R.T.: -0.005 min
Response: 228734
Conc: 565.64 ng/ml



#14 AR-1232-4

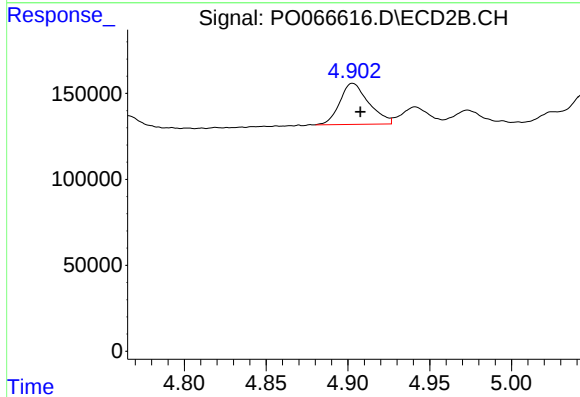
R.T.: 4.735 min
Delta R.T.: -0.005 min
Response: 286443
Conc: 704.06 ng/ml



#15 AR-1232-5

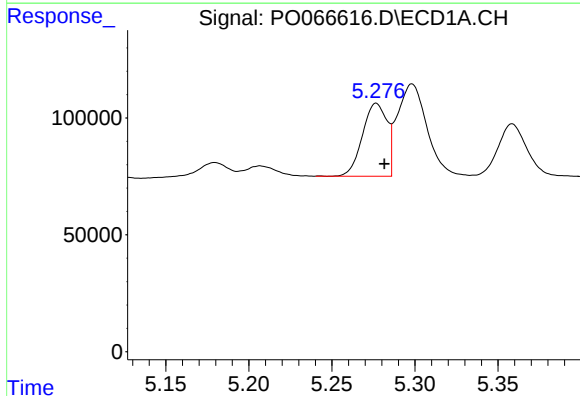
R.T.: 5.545 min
Delta R.T.: -0.006 min
Response: 196450
Conc: 711.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



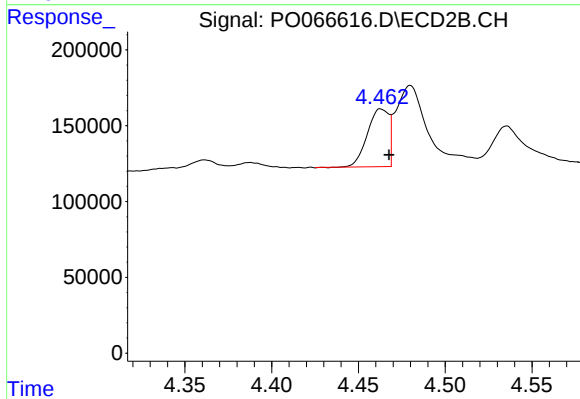
#15 AR-1232-5

R.T.: 4.903 min
Delta R.T.: -0.005 min
Response: 294929
Conc: 716.93 ng/ml



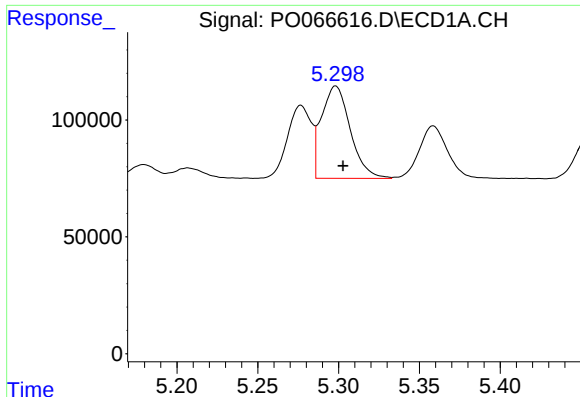
#16 AR-1242-1

R.T.: 5.277 min
Delta R.T.: -0.005 min
Response: 320361
Conc: 311.36 ng/ml



#16 AR-1242-1

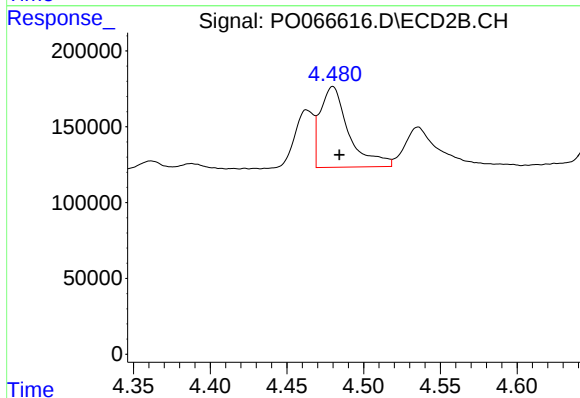
R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 326874
Conc: 325.83 ng/ml



#17 AR-1242-2

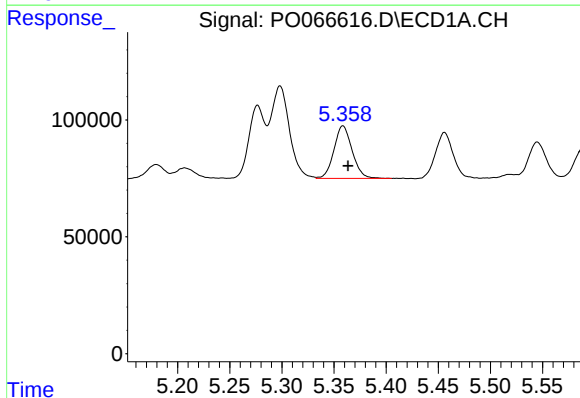
R.T.: 5.298 min
Delta R.T.: -0.004 min
Response: 490160
Conc: 316.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



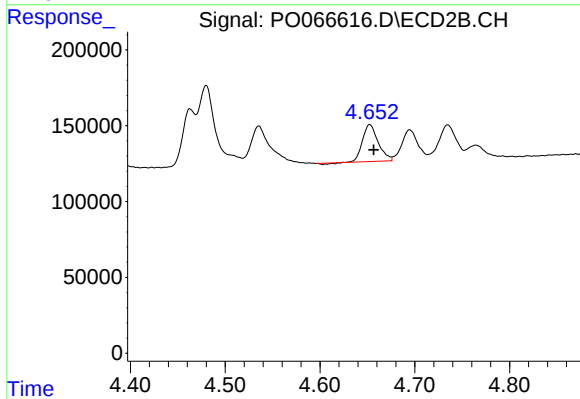
#17 AR-1242-2

R.T.: 4.480 min
Delta R.T.: -0.004 min
Response: 688054
Conc: 327.95 ng/ml



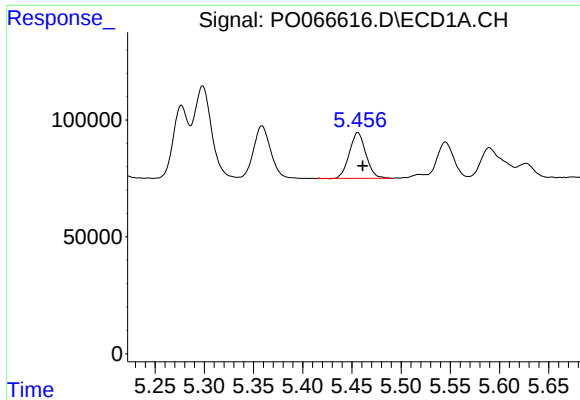
#18 AR-1242-3

R.T.: 5.359 min
Delta R.T.: -0.005 min
Response: 272764
Conc: 296.87 ng/ml



#18 AR-1242-3

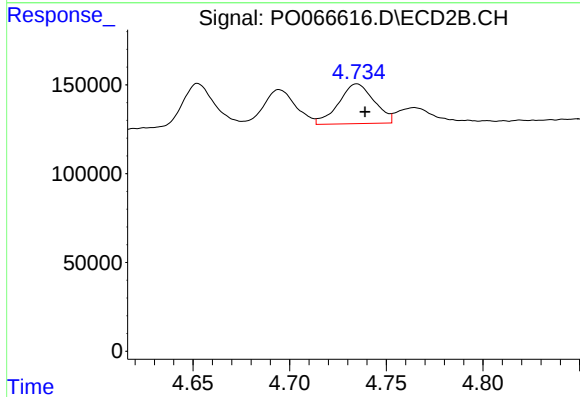
R.T.: 4.653 min
Delta R.T.: -0.004 min
Response: 276797
Conc: 315.11 ng/ml



#19 AR-1242-4

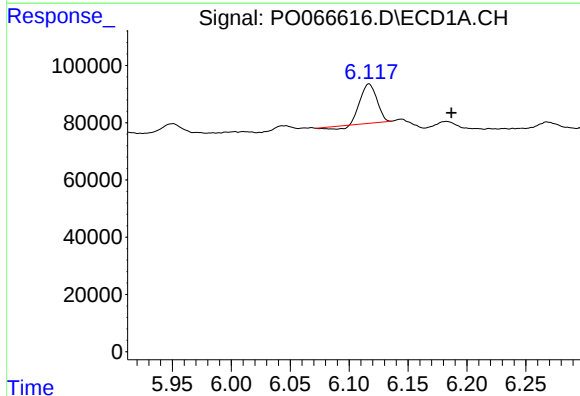
R.T.: 5.456 min
Delta R.T.: -0.005 min
Response: 228734
Conc: 299.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



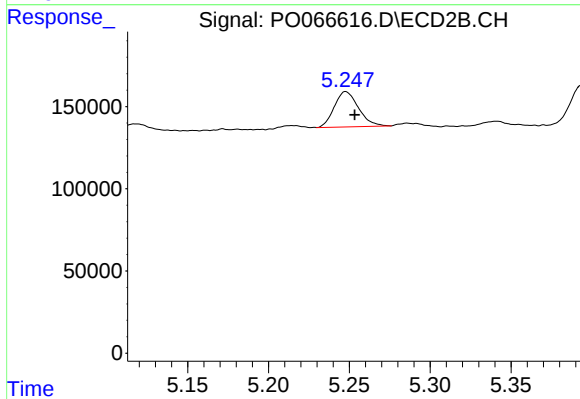
#19 AR-1242-4

R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 286443
Conc: 350.86 ng/ml



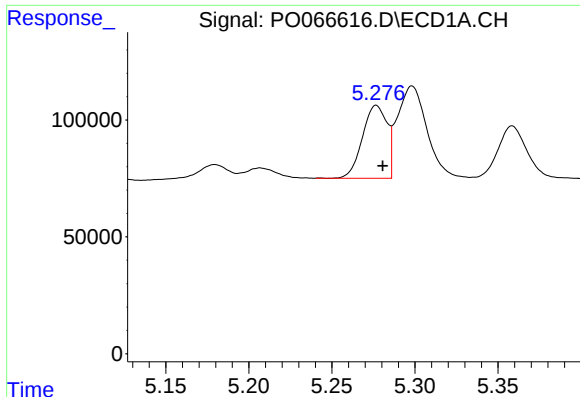
#20 AR-1242-5

R.T.: 6.117 min
Delta R.T.: -0.070 min
Response: 127083
Conc: 140.41 ng/ml



#20 AR-1242-5

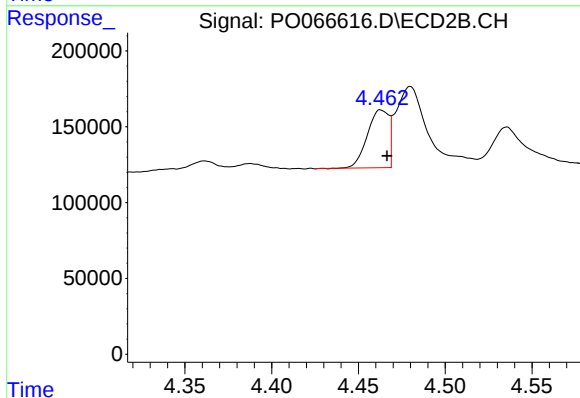
R.T.: 5.248 min
Delta R.T.: -0.006 min
Response: 223638
Conc: 190.40 ng/ml



#21 AR-1248-1

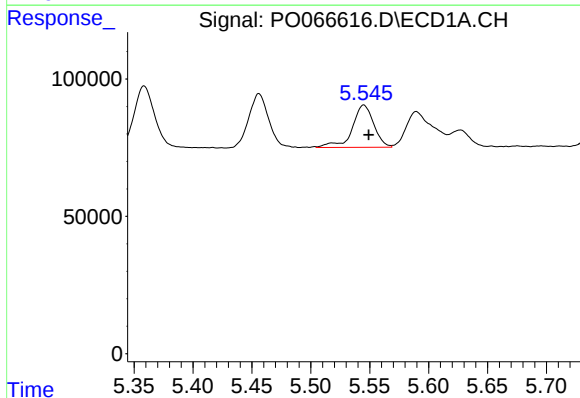
R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 320361
Conc: 396.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



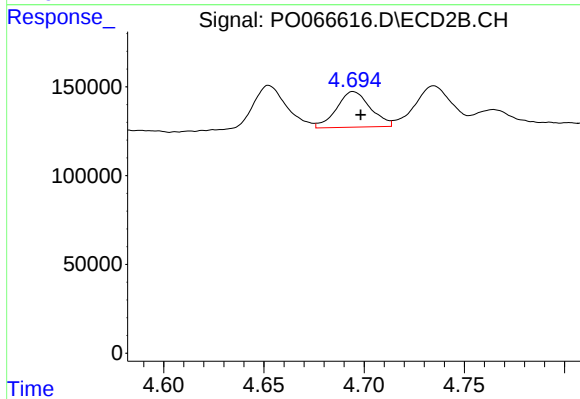
#21 AR-1248-1

R.T.: 4.463 min
Delta R.T.: -0.004 min
Response: 326874
Conc: 392.96 ng/ml



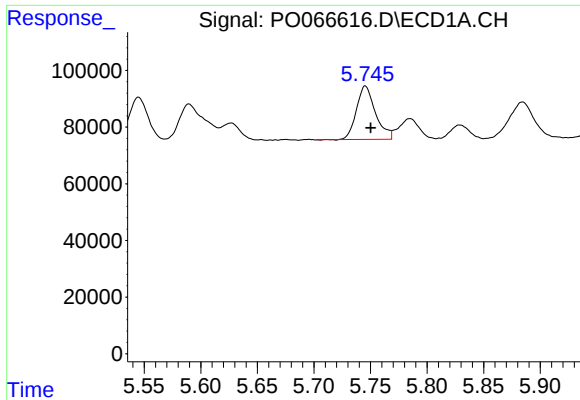
#22 AR-1248-2

R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 196450
Conc: 174.61 ng/ml



#22 AR-1248-2

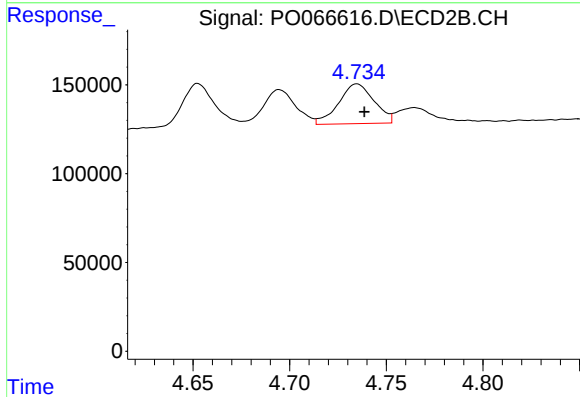
R.T.: 4.695 min
Delta R.T.: -0.004 min
Response: 235996
Conc: 190.38 ng/ml



#23 AR-1248-3

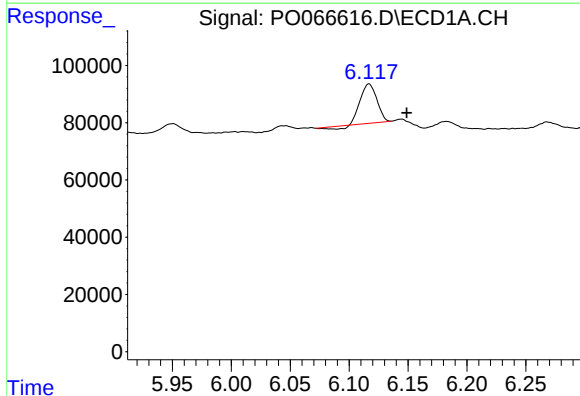
R.T.: 5.745 min
Delta R.T.: -0.005 min
Response: 221652
Conc: 169.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



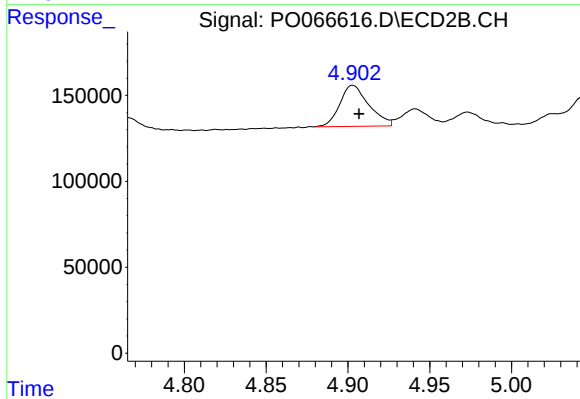
#23 AR-1248-3

R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 286443
Conc: 229.37 ng/ml



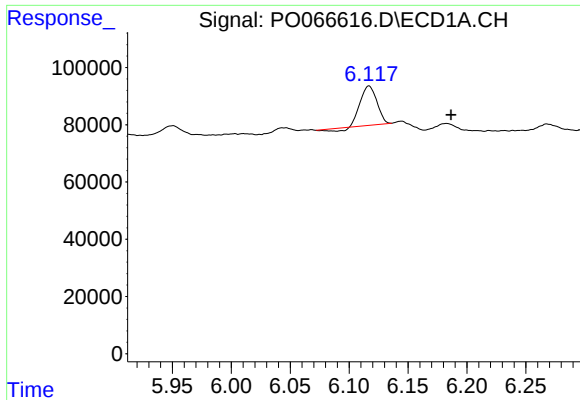
#24 AR-1248-4

R.T.: 6.117 min
Delta R.T.: -0.032 min
Response: 127083
Conc: 77.84 ng/ml



#24 AR-1248-4

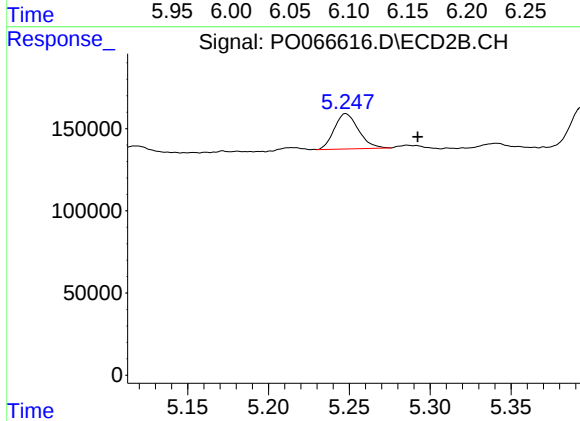
R.T.: 4.903 min
Delta R.T.: -0.004 min
Response: 294929
Conc: 187.31 ng/ml



#25 AR-1248-5

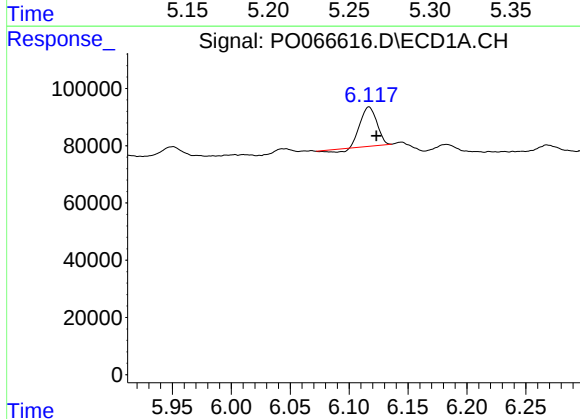
R.T.: 6.117 min
Delta R.T.: -0.070 min
Response: 127083
Conc: 83.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



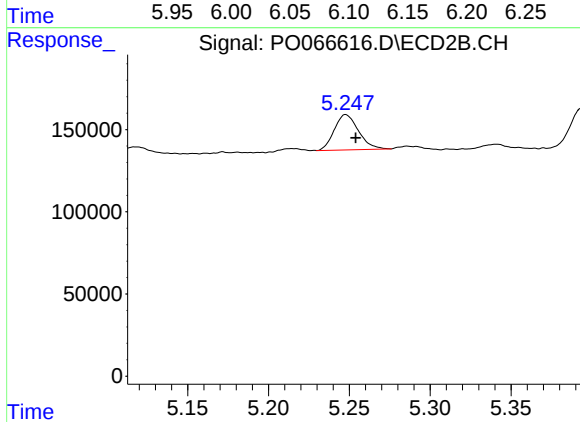
#25 AR-1248-5

R.T.: 5.248 min
Delta R.T.: -0.044 min
Response: 223638
Conc: 127.58 ng/ml



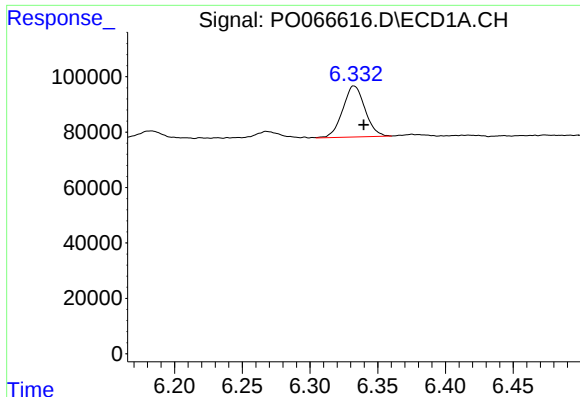
#26 AR-1254-1

R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 127083
Conc: 76.18 ng/ml



#26 AR-1254-1

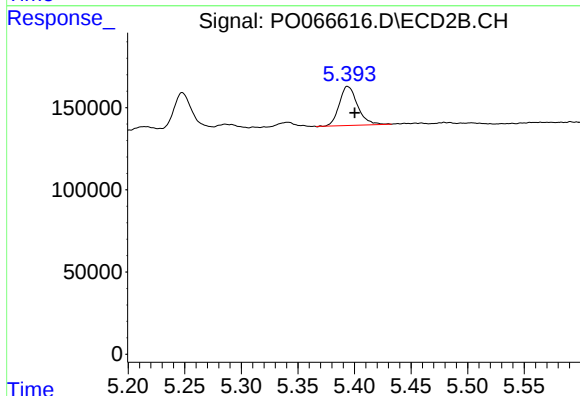
R.T.: 5.248 min
Delta R.T.: -0.006 min
Response: 223638
Conc: 78.96 ng/ml



#27 AR-1254-2

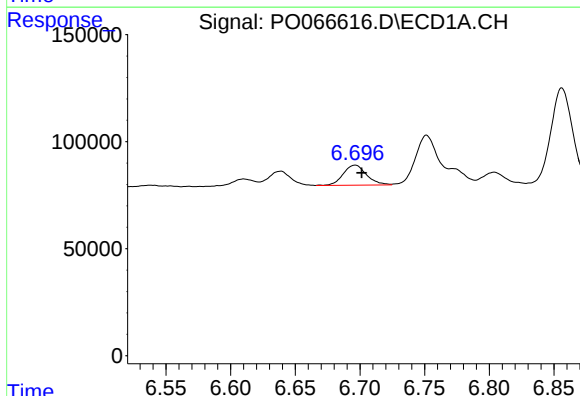
R.T.: 6.333 min
Delta R.T.: -0.007 min
Response: 210330
Conc: 78.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



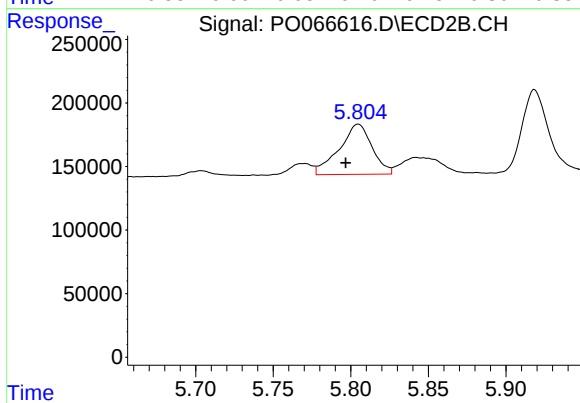
#27 AR-1254-2

R.T.: 5.394 min
Delta R.T.: -0.006 min
Response: 266974
Conc: 101.32 ng/ml



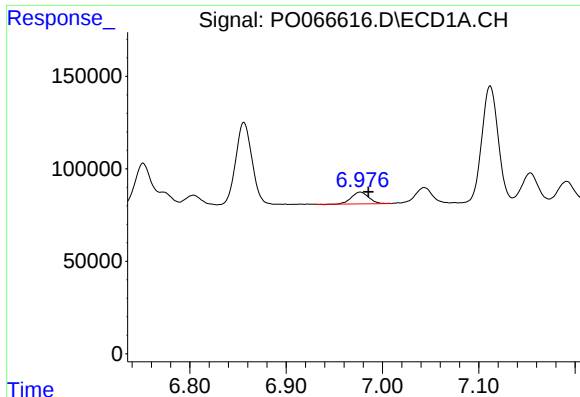
#28 AR-1254-3

R.T.: 6.696 min
Delta R.T.: -0.005 min
Response: 117815
Conc: 41.40 ng/ml



#28 AR-1254-3

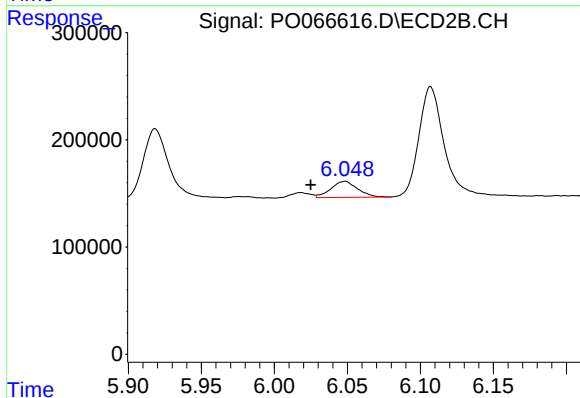
R.T.: 5.805 min
Delta R.T.: 0.008 min
Response: 583665
Conc: 134.68 ng/ml



#29 AR-1254-4

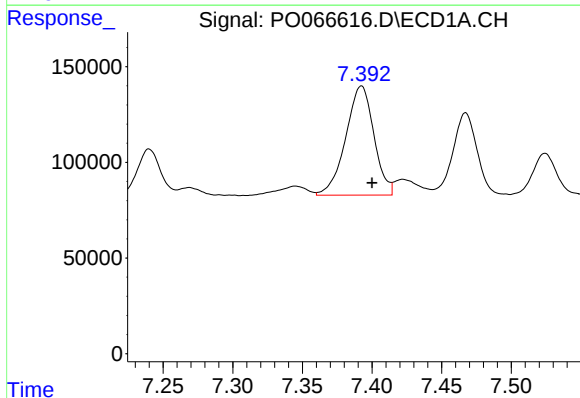
R.T.: 6.977 min
Delta R.T.: -0.009 min
Response: 79336
Conc: 32.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



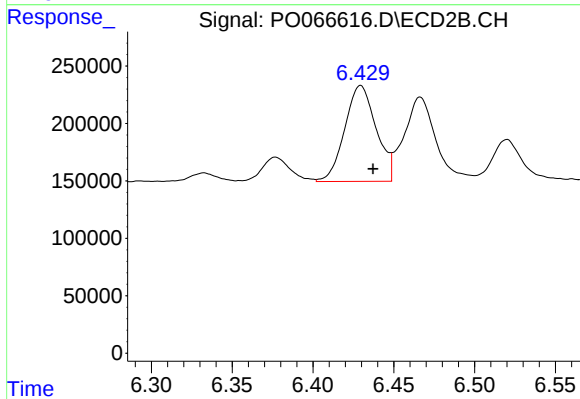
#29 AR-1254-4

R.T.: 6.048 min
Delta R.T.: 0.023 min
Response: 190563
Conc: 61.60 ng/ml



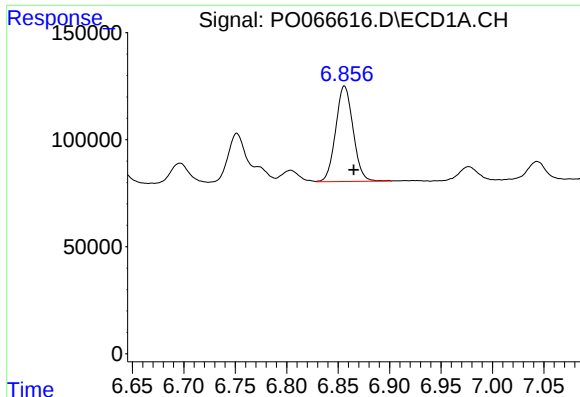
#30 AR-1254-5

R.T.: 7.392 min
Delta R.T.: -0.008 min
Response: 803619
Conc: 323.86 ng/ml



#30 AR-1254-5

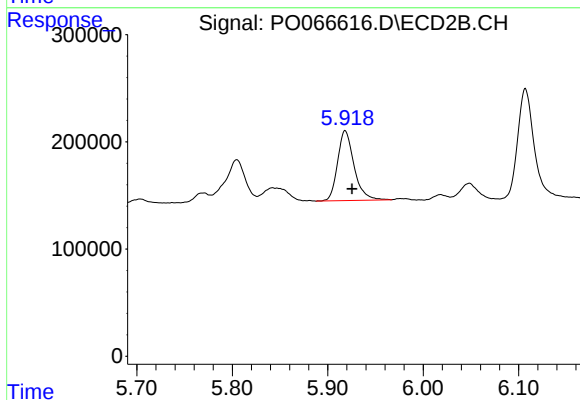
R.T.: 6.430 min
Delta R.T.: -0.008 min
Response: 1130938
Conc: 254.04 ng/ml



#31 AR-1260-1

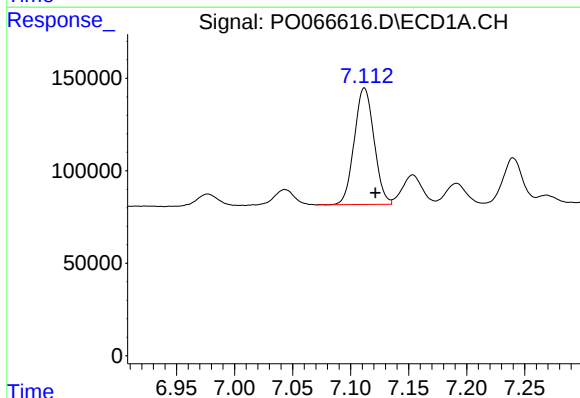
R.T.: 6.856 min
Delta R.T.: -0.009 min
Response: 524690
Conc: 242.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



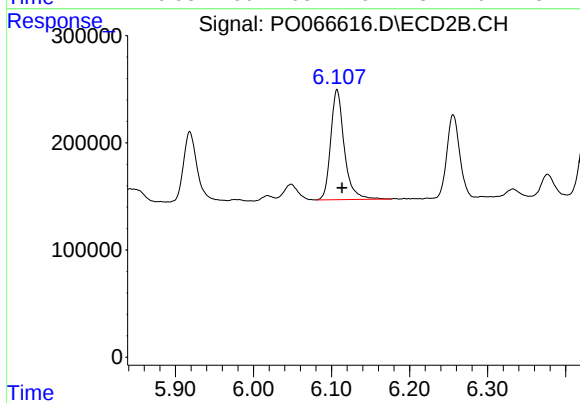
#31 AR-1260-1

R.T.: 5.918 min
Delta R.T.: -0.007 min
Response: 784365
Conc: 267.10 ng/ml



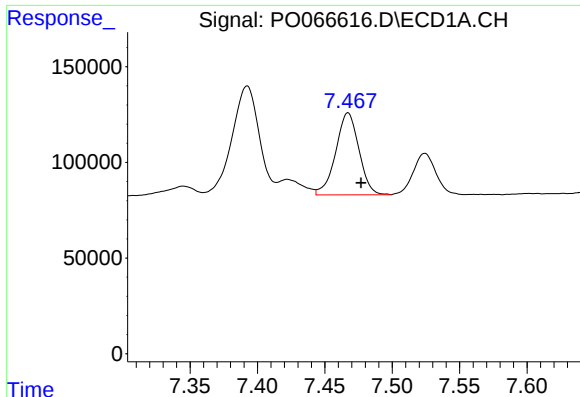
#32 AR-1260-2

R.T.: 7.112 min
Delta R.T.: -0.010 min
Response: 747981
Conc: 225.94 ng/ml



#32 AR-1260-2

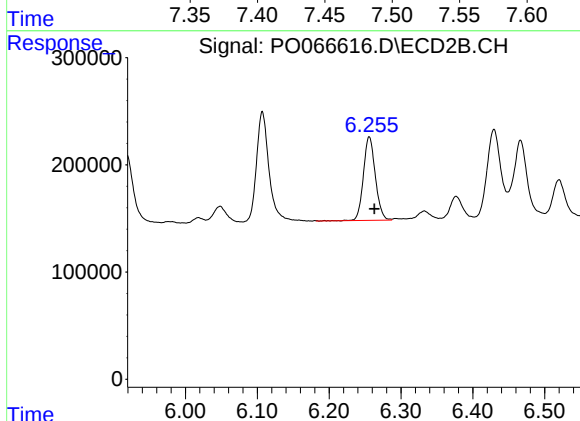
R.T.: 6.107 min
Delta R.T.: -0.006 min
Response: 1242237
Conc: 261.32 ng/ml



#33 AR-1260-3

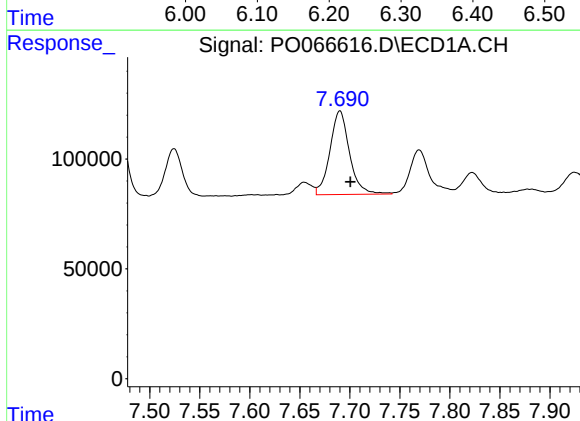
R.T.: 7.467 min
Delta R.T.: -0.010 min
Response: 516136
Conc: 186.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



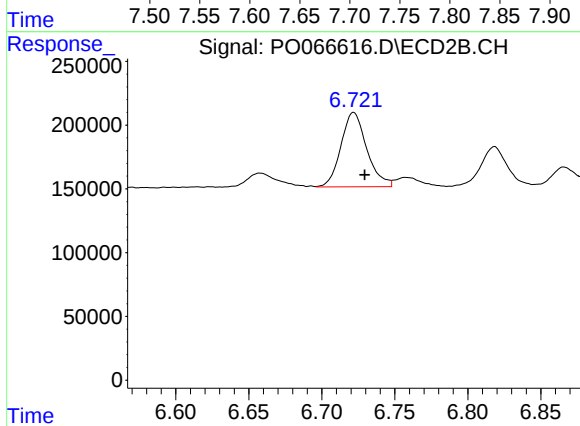
#33 AR-1260-3

R.T.: 6.256 min
Delta R.T.: -0.007 min
Response: 903208
Conc: 225.82 ng/ml



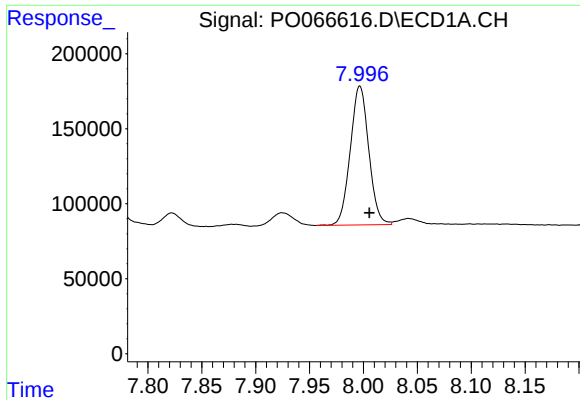
#34 AR-1260-4

R.T.: 7.690 min
Delta R.T.: -0.010 min
Response: 519134
Conc: 200.26 ng/ml



#34 AR-1260-4

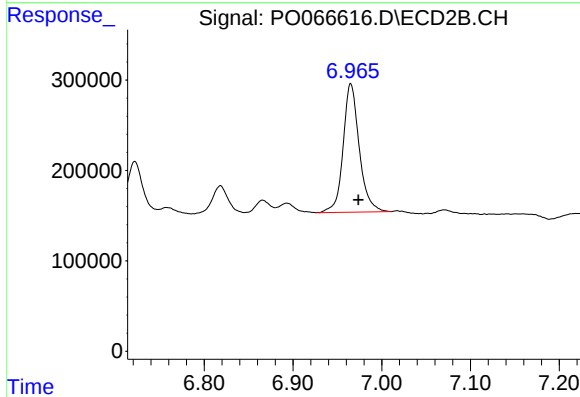
R.T.: 6.722 min
Delta R.T.: -0.008 min
Response: 720336
Conc: 223.33 ng/ml



#35 AR-1260-5

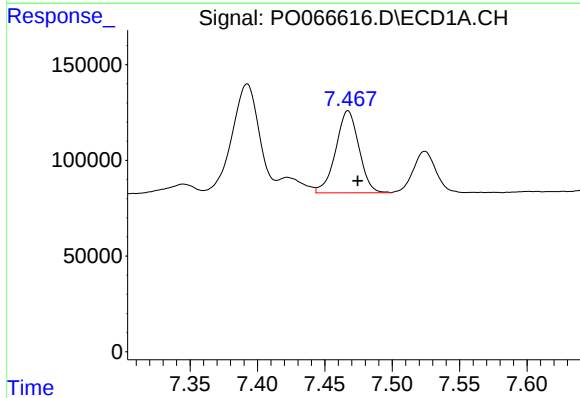
R.T.: 7.997 min
Delta R.T.: -0.009 min
Response: 1103610
Conc: 180.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



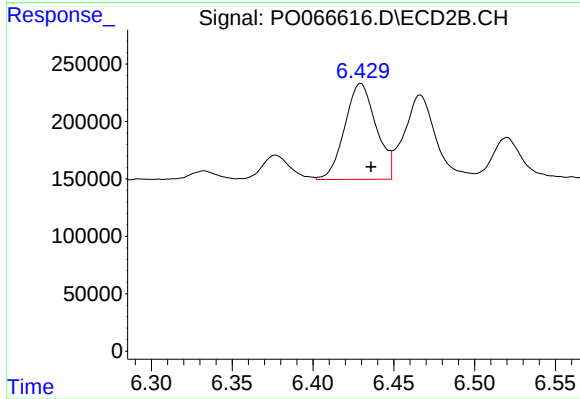
#35 AR-1260-5

R.T.: 6.965 min
Delta R.T.: -0.008 min
Response: 1793587
Conc: 193.55 ng/ml



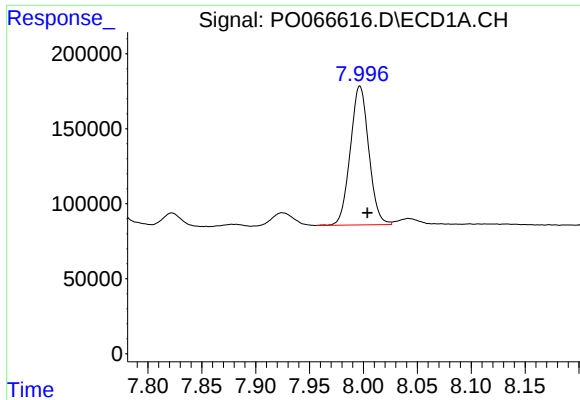
#36 AR-1262-1

R.T.: 7.467 min
Delta R.T.: -0.007 min
Response: 516136
Conc: 131.44 ng/ml



#36 AR-1262-1

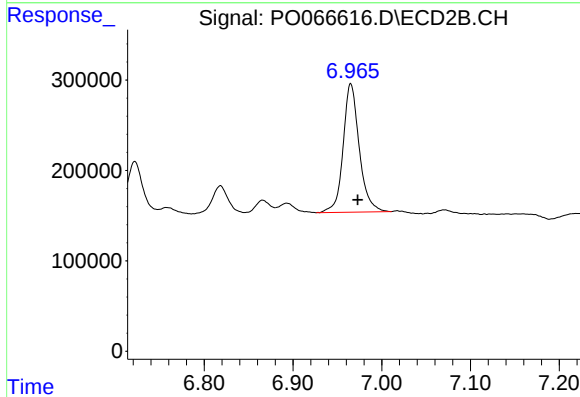
R.T.: 6.430 min
Delta R.T.: -0.006 min
Response: 1130938
Conc: 516.00 ng/ml



#37 AR-1262-2

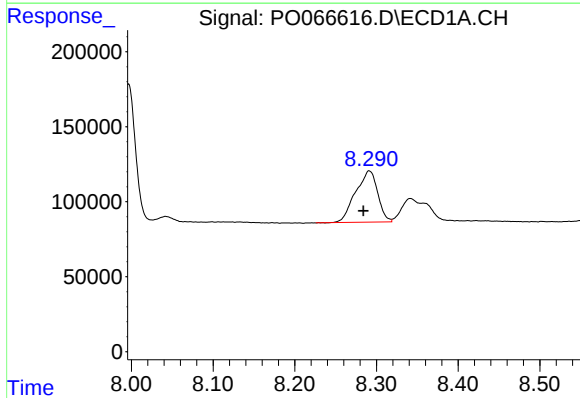
R.T.: 7.997 min
Delta R.T.: -0.007 min
Response: 1103610
Conc: 169.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



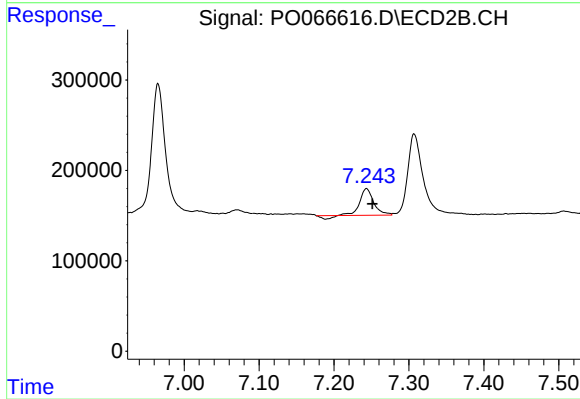
#37 AR-1262-2

R.T.: 6.965 min
Delta R.T.: -0.008 min
Response: 1793587
Conc: 179.77 ng/ml



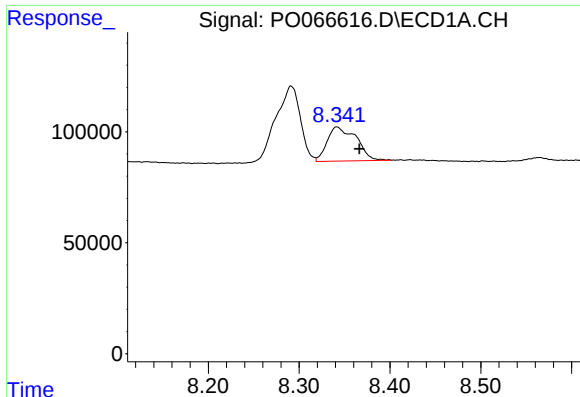
#38 AR-1262-3

R.T.: 8.291 min
Delta R.T.: 0.007 min
Response: 643206
Conc: 151.53 ng/ml



#38 AR-1262-3

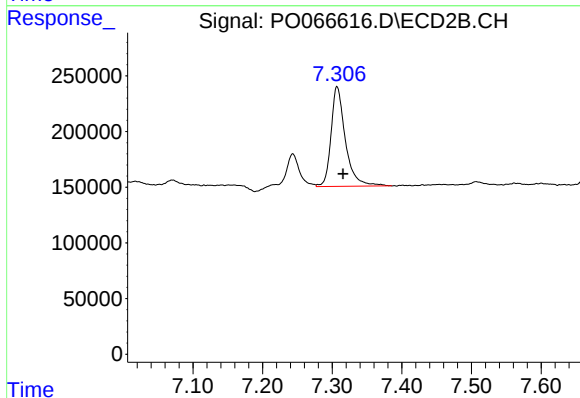
R.T.: 7.243 min
Delta R.T.: -0.008 min
Response: 366312
Conc: 84.79 ng/ml



#39 AR-1262-4

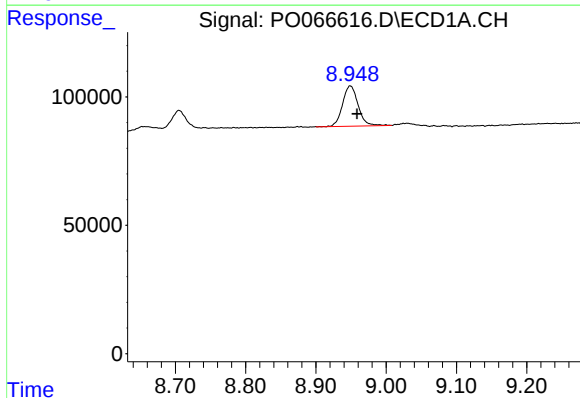
R.T.: 8.342 min
Delta R.T.: -0.025 min
Response: 343772
Conc: 111.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



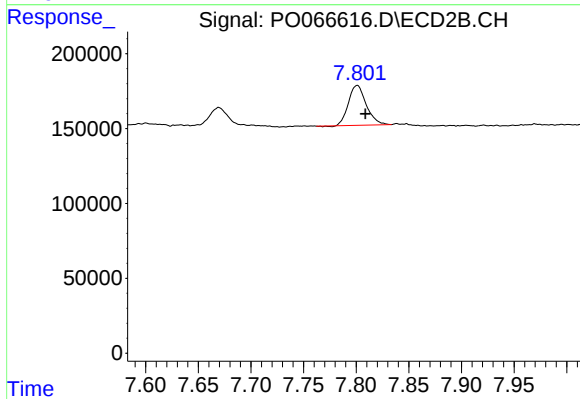
#39 AR-1262-4

R.T.: 7.307 min
Delta R.T.: -0.008 min
Response: 1286306
Conc: 185.15 ng/ml



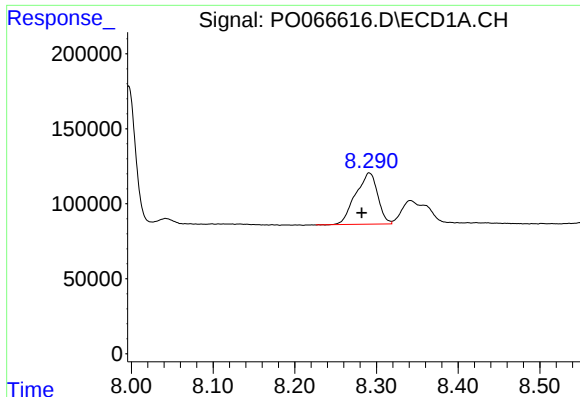
#40 AR-1262-5

R.T.: 8.949 min
Delta R.T.: -0.009 min
Response: 240476
Conc: 113.63 ng/ml



#40 AR-1262-5

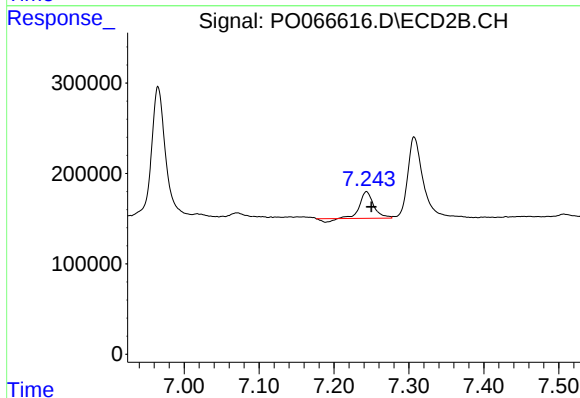
R.T.: 7.801 min
Delta R.T.: -0.008 min
Response: 313317
Conc: 109.20 ng/ml



#41 AR-1268-1

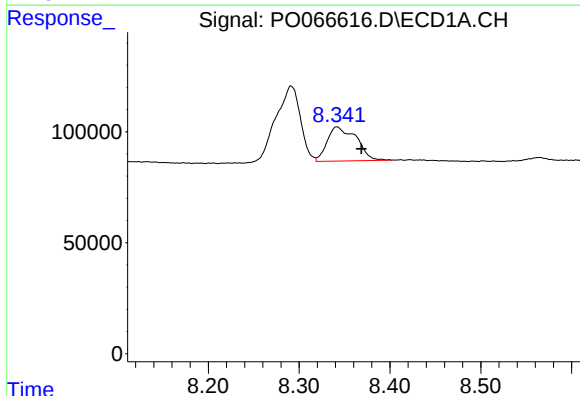
R.T.: 8.291 min
Delta R.T.: 0.009 min
Response: 643206
Conc: 82.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



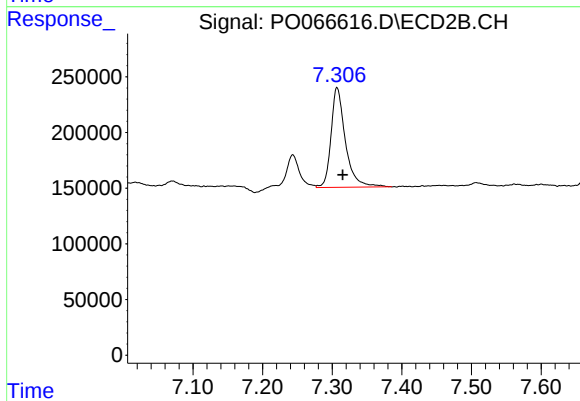
#41 AR-1268-1

R.T.: 7.243 min
Delta R.T.: -0.006 min
Response: 366312
Conc: 30.97 ng/ml



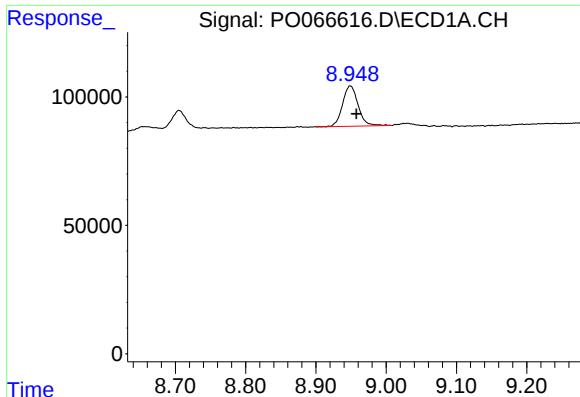
#42 AR-1268-2

R.T.: 8.342 min
Delta R.T.: -0.027 min
Response: 343772
Conc: 52.64 ng/ml



#42 AR-1268-2

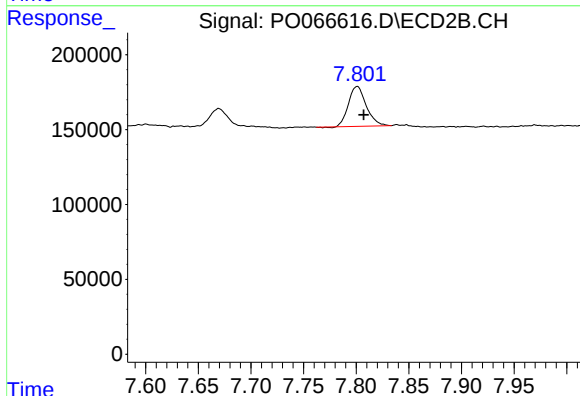
R.T.: 7.307 min
Delta R.T.: -0.008 min
Response: 1286306
Conc: 130.77 ng/ml



#44 AR-1268-4

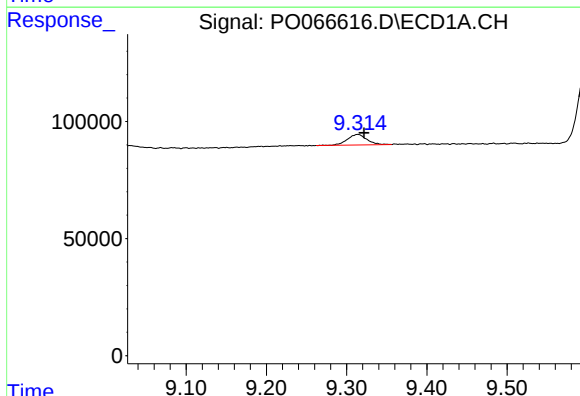
R.T.: 8.949 min
Delta R.T.: -0.008 min
Response: 240476
Conc: 106.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



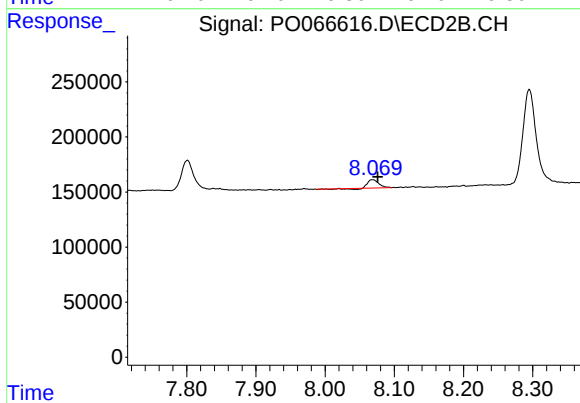
#44 AR-1268-4

R.T.: 7.801 min
Delta R.T.: -0.006 min
Response: 313317
Conc: 96.72 ng/ml



#45 AR-1268-5

R.T.: 9.314 min
Delta R.T.: -0.008 min
Response: 75514
Conc: 4.60 ng/ml



#45 AR-1268-5

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 73474
Conc: 3.12 ng/ml