

Data Path : P:\HPCHEM1\ECD_0\Data\P0021018\
 Data File : P0042273.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Feb 2018 23:16
 Operator : SM/UA
 Sample : J1471-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 3N-15MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 00:07:23 2018
 Quant Method : P:\HPCHEM1\ECD_0\P0012318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 23 01:50:31 2018
 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...	4.113	3.359	4510771	6840984	23.371	23.566
2) SA Decachlor...	9.505	8.151	2379375	2657997	10.127	7.433 #
Target Compounds						
3) L1 AR-1016-1	4.980	4.180	1239516	1886104	239.403	250.959
4) L1 AR-1016-2	5.320	4.618	1747028	1567377	243.575	223.196
5) L1 AR-1016-3	5.416	4.656	1412483	1943694	237.024	229.544
6) L1 AR-1016-4	5.702	4.821	1371896	1822783	226.683	195.610
7) L1 AR-1016-5	5.840	4.961	1148352	1472285	177.775	148.497
9) L2 AR-1221-2	4.471	3.645	955487	317949	672.617	168.088 #
10) L2 AR-1221-3	4.471	3.716	955487	1309561	206.484	209.401
11) L3 AR-1232-1	4.471	3.716	955487	1309561	272.651	265.940
12) L3 AR-1232-2	5.261	4.408	2835101	6873158	1077.287	683.577 #
13) L3 AR-1232-3	5.261	4.462	2835101	2483778	634.800	602.328
14) L3 AR-1232-4	5.320	4.575	1747028	1953904	634.465	630.599
15) L3 AR-1232-5	5.416	4.618	1412483	1567377	672.680	724.961
16) L4 AR-1242-1	4.794	4.015	1312829	1085418	423.465	427.708
17) L4 AR-1242-2	5.261	4.408	2835101	6873158	385.440	400.578
18) L4 AR-1242-3	5.416	4.575	1412483	1953904	384.242	371.448
19) L4 AR-1242-4	5.702	4.656	1371896	1943694	364.846	371.281
20) L4 AR-1242-5	5.840	4.821	1148352	1822783	275.330	315.246
21) L5 AR-1248-1	5.702	4.821	1371896	1822783	189.712	166.738
22) L5 AR-1248-2	5.840	4.961	1148352	1472285	183.178	151.414
23) L5 AR-1248-3	6.070	5.158	1171188	1390444	128.077	81.981 #
24) L5 AR-1248-4	0.000	5.158	0	1390444	N.D.	102.977 #
25) L5 AR-1248-5	6.337	5.703	769580	2326775	128.825	301.964 #
26) L6 AR-1254-1	6.283	5.158	1088293	1390444	77.310	75.176
27) L6 AR-1254-2	6.585	5.302	504225	1405403	57.974	84.990 #
28) L6 AR-1254-3	6.641	5.703	712703	2326775	45.983	84.573 #
29) L6 AR-1254-4	6.920	5.943	354635	589040	27.035	30.229
30) L6 AR-1254-5	7.178	6.266	912777	799244	96.964	60.340 #
31) L7 AR-1260-1	6.802	5.816	1995465	2814588	158.626	131.852
32) L7 AR-1260-2	7.053	6.002	2666349	3748142	153.244	118.662
33) L7 AR-1260-3	7.329	6.147	2383881	2990360	118.768	114.572
34) L7 AR-1260-4	7.408	6.319	1454191	3605250	123.634	105.734
35) L7 AR-1260-5	7.928	6.849	3280549	4798736	124.723	89.438 #
36) L8 AR-1262-1	6.802	6.002	1995465	3748142	210.991	168.755
37) L8 AR-1262-2	7.053	6.147	2666349	2990360	229.013	148.697 #
38) L8 AR-1262-3	7.329	6.354	2383881	2702824	207.175	72.922 #
39) L8 AR-1262-4	7.628	6.607	1690037	1858743	110.167	67.111 #

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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
40) L8	AR-1262-5	7.928	6.849	3280549	4798736	101.907	75.740 #
41) L9	AR-1268-1	8.215	7.121	2008106	958989	53.143	13.085 #
42) L9	AR-1268-2	8.285	7.185	1138055	3211700	34.299	49.675 #
44) L9	AR-1268-4	8.859	7.674	746572	884891	59.897	39.833 #

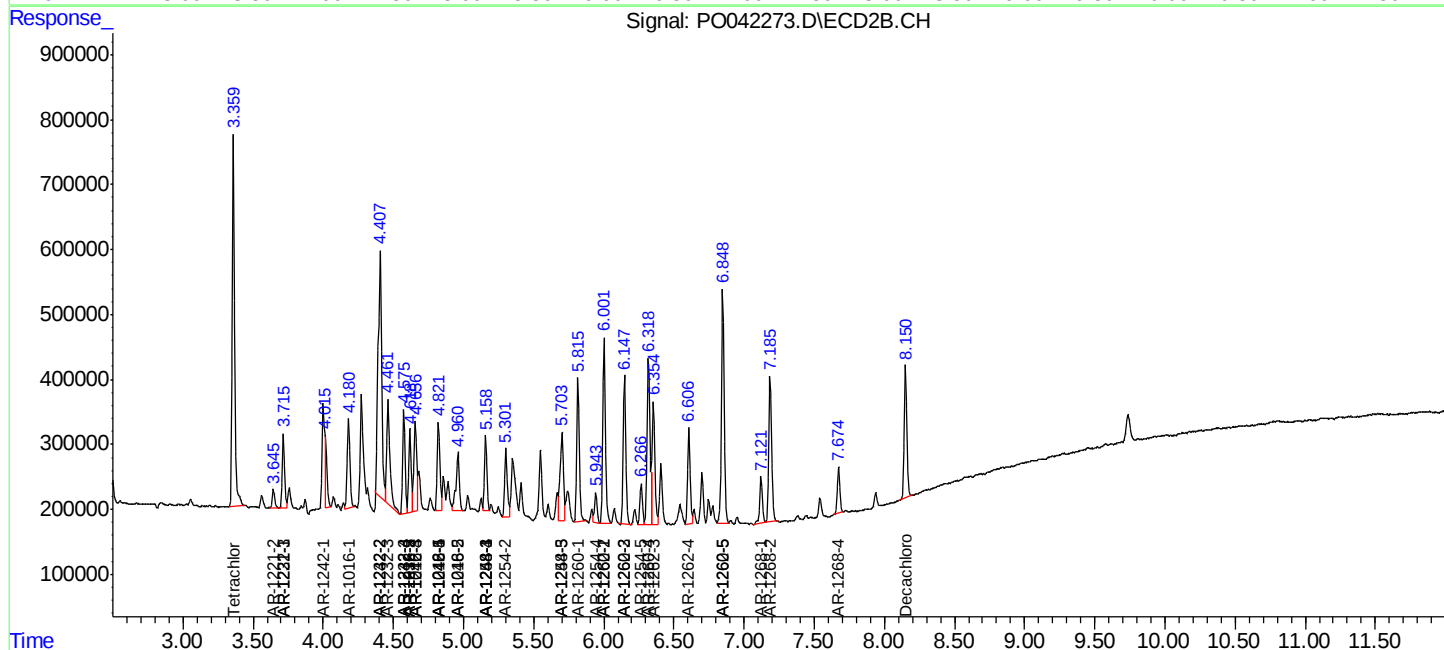
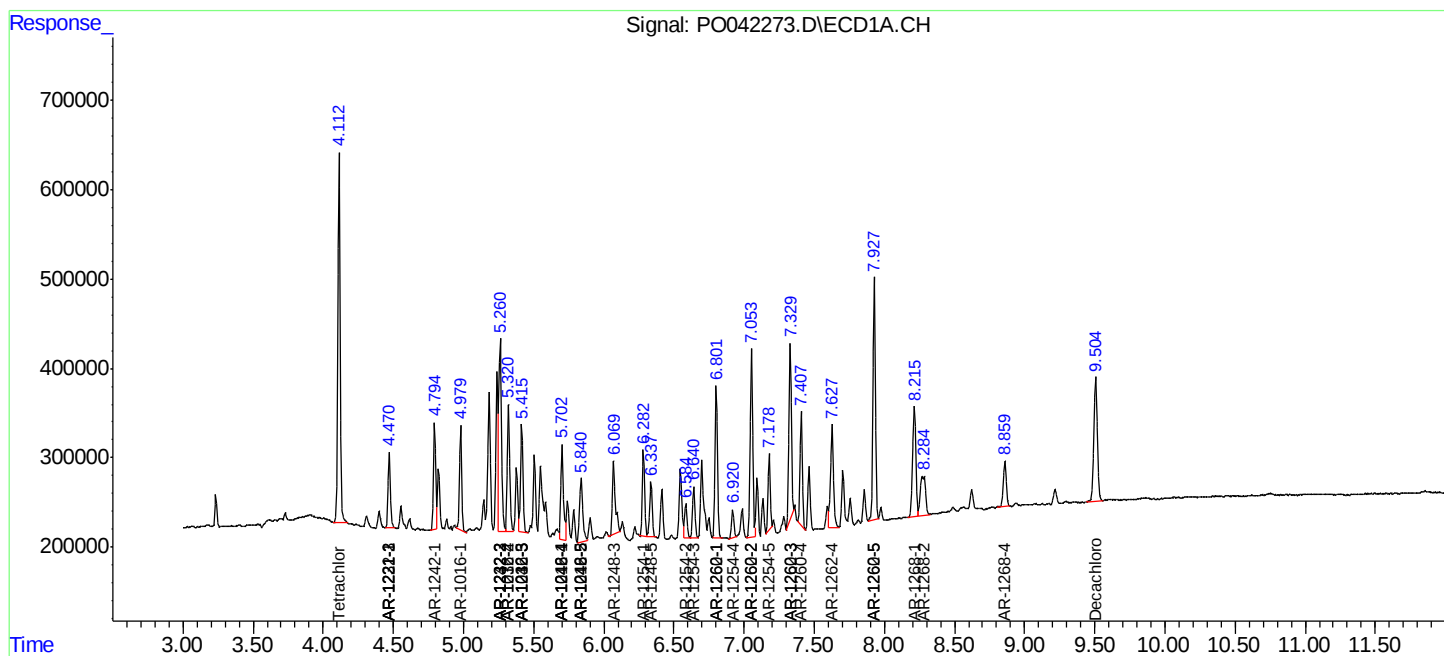
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

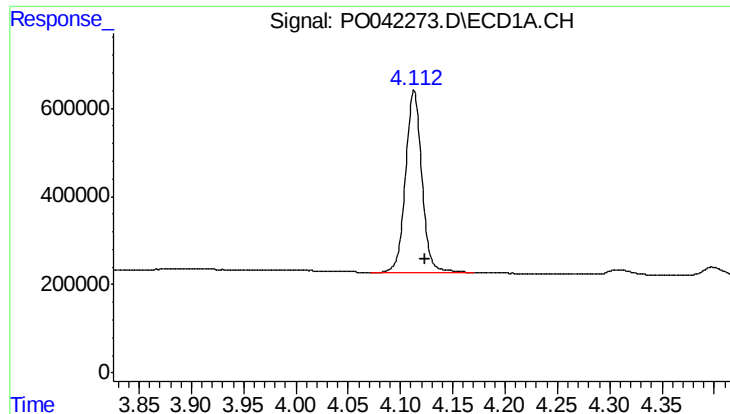
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Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

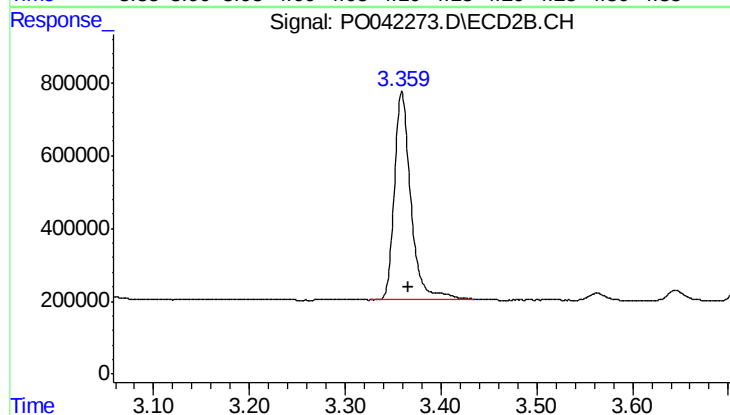




#1 Tetrachloro-m-xylene

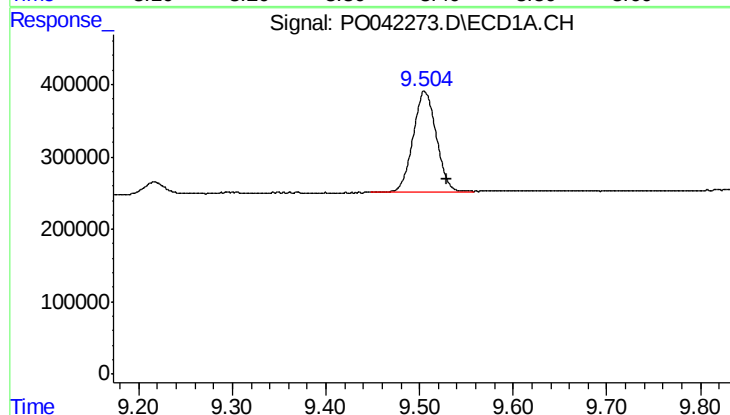
R.T.: 4.113 min
Delta R.T.: -0.011 min
Response: 4510771
Conc: 23.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



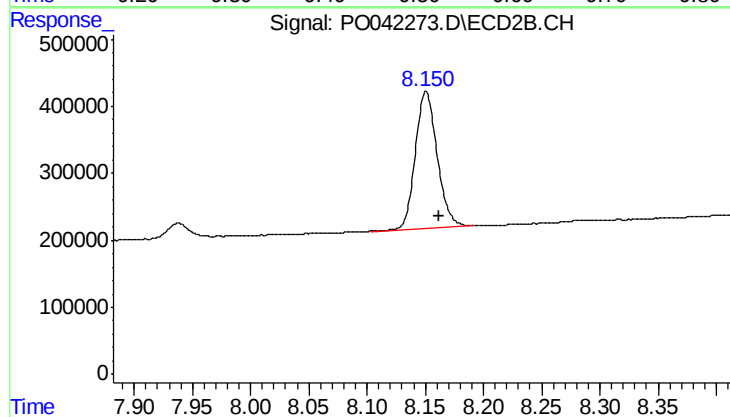
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: -0.007 min
Response: 6840984
Conc: 23.57 ng/ml



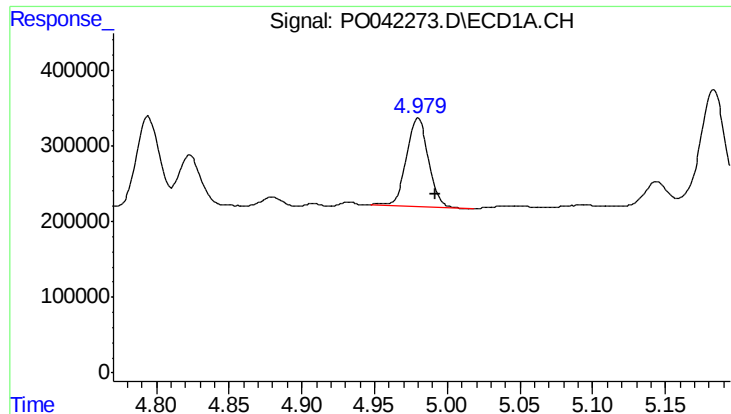
#2 Decachlorobiphenyl

R.T.: 9.505 min
Delta R.T.: -0.023 min
Response: 2379375
Conc: 10.13 ng/ml



#2 Decachlorobiphenyl

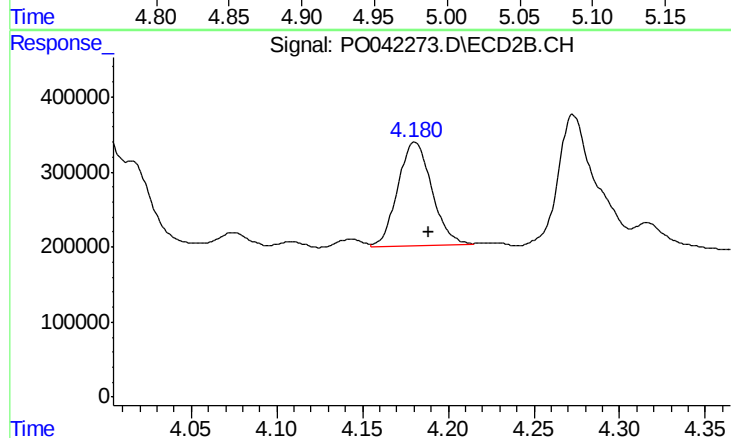
R.T.: 8.151 min
Delta R.T.: -0.012 min
Response: 2657997
Conc: 7.43 ng/ml



#3 AR-1016-1

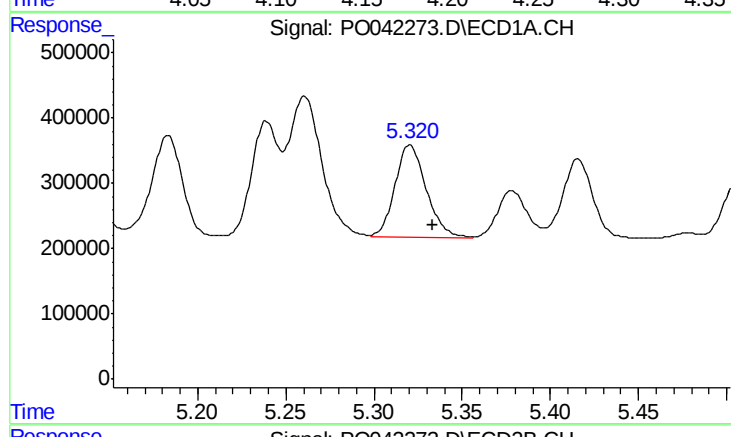
R.T.: 4.980 min
Delta R.T.: -0.012 min
Response: 1239516
Conc: 239.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



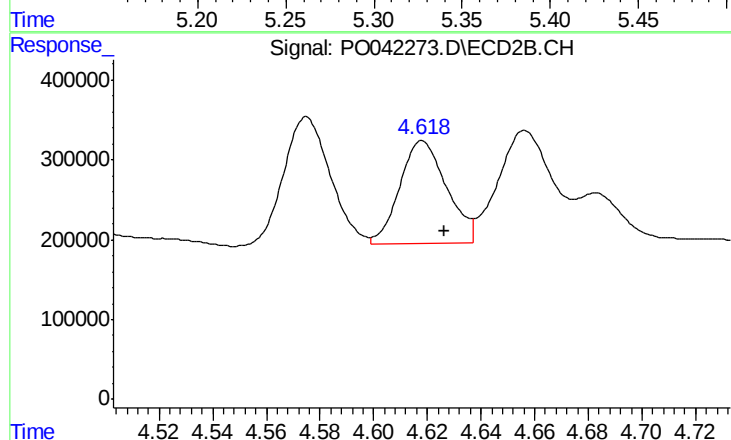
#3 AR-1016-1

R.T.: 4.180 min
Delta R.T.: -0.008 min
Response: 1886104
Conc: 250.96 ng/ml



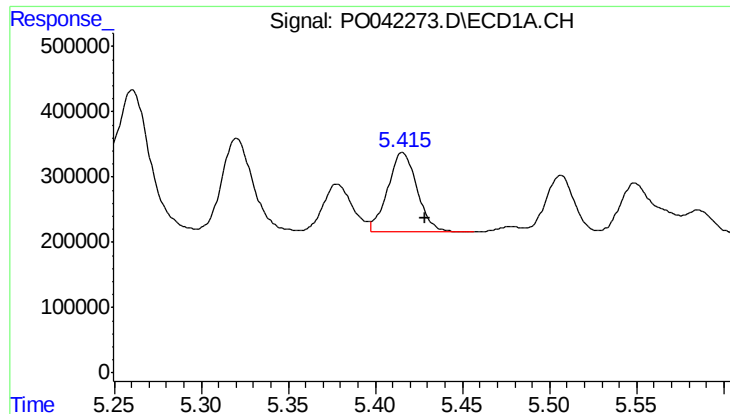
#4 AR-1016-2

R.T.: 5.320 min
Delta R.T.: -0.013 min
Response: 1747028
Conc: 243.58 ng/ml



#4 AR-1016-2

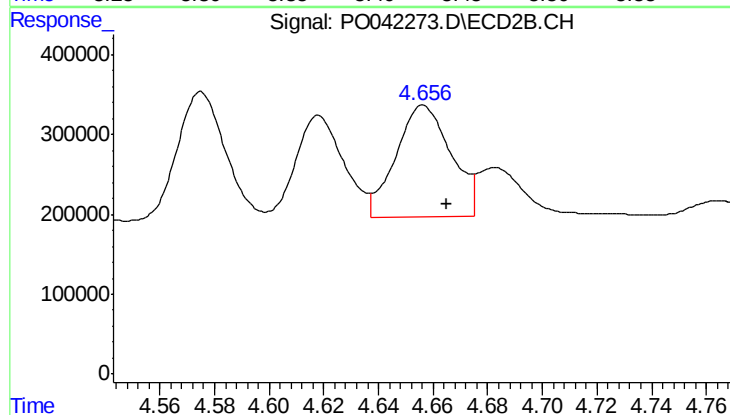
R.T.: 4.618 min
Delta R.T.: -0.008 min
Response: 1567377
Conc: 223.20 ng/ml



#5 AR-1016-3

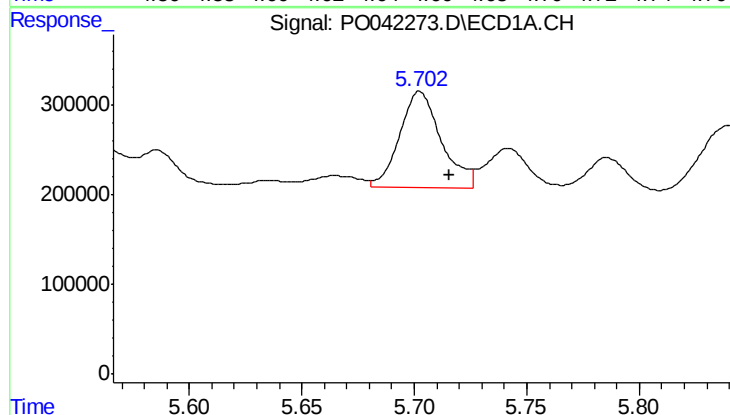
R.T.: 5.416 min
Delta R.T.: -0.012 min
Response: 1412483
Conc: 237.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



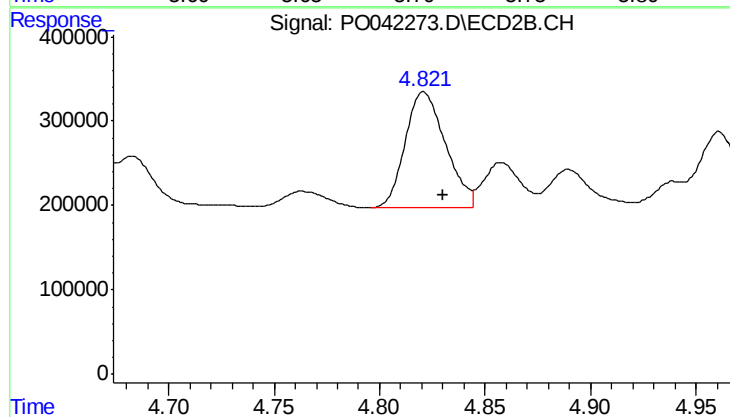
#5 AR-1016-3

R.T.: 4.656 min
Delta R.T.: -0.009 min
Response: 1943694
Conc: 229.54 ng/ml



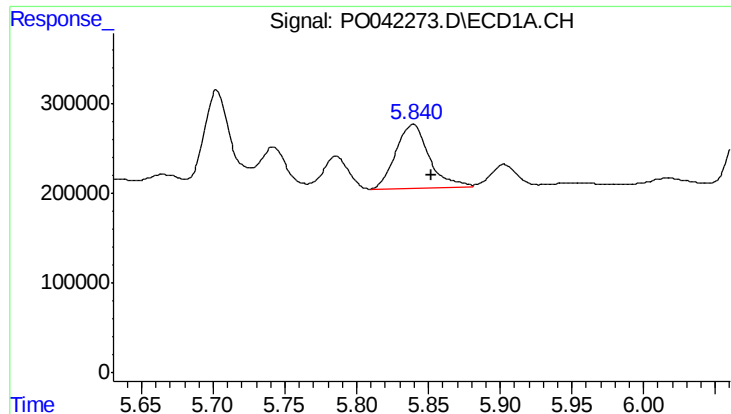
#6 AR-1016-4

R.T.: 5.702 min
Delta R.T.: -0.013 min
Response: 1371896
Conc: 226.68 ng/ml



#6 AR-1016-4

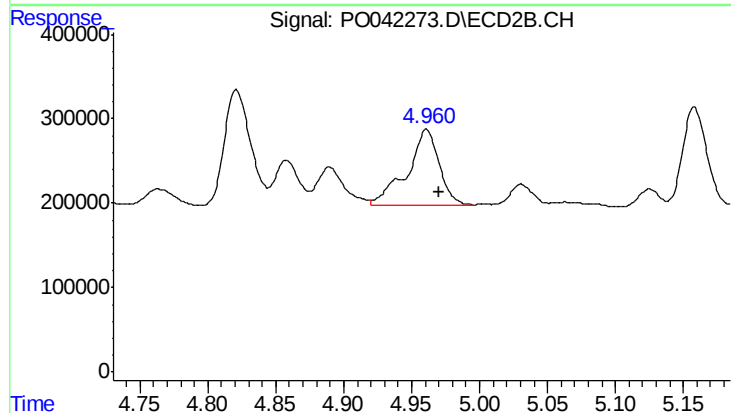
R.T.: 4.821 min
Delta R.T.: -0.009 min
Response: 1822783
Conc: 195.61 ng/ml



#7 AR-1016-5

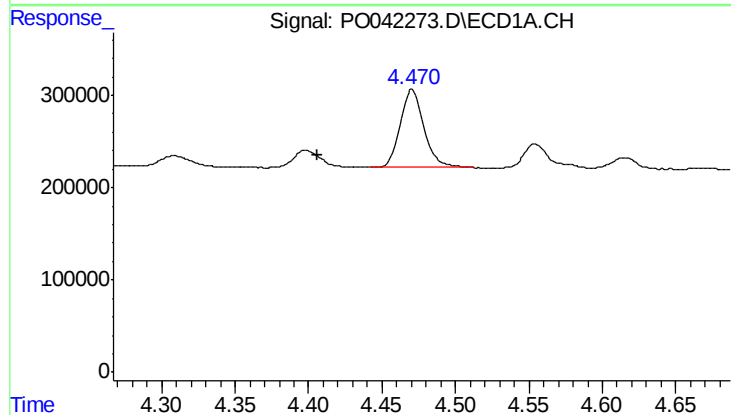
R.T.: 5.840 min
Delta R.T.: -0.012 min
Response: 1148352
Conc: 177.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



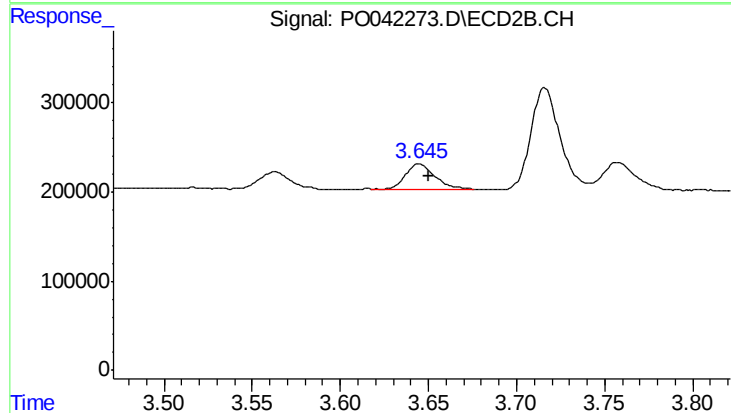
#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.010 min
Response: 1472285
Conc: 148.50 ng/ml



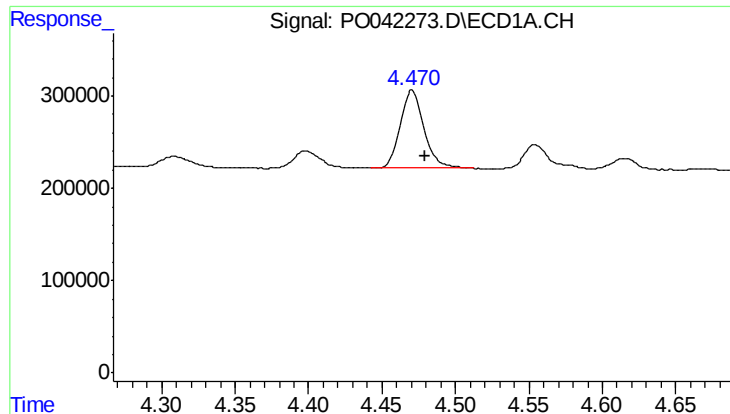
#9 AR-1221-2

R.T.: 4.471 min
Delta R.T.: 0.064 min
Response: 955487
Conc: 672.62 ng/ml



#9 AR-1221-2

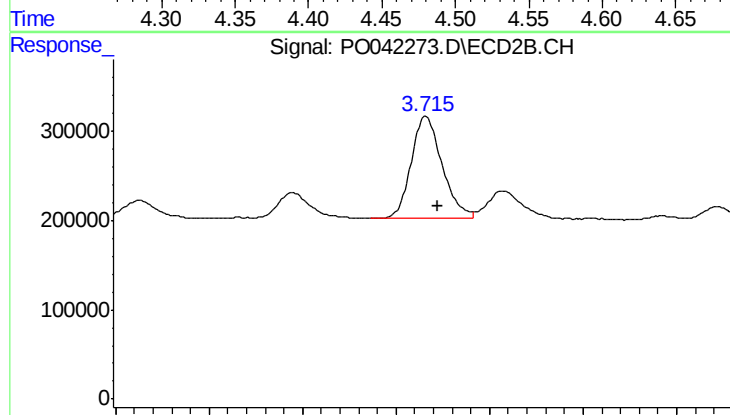
R.T.: 3.645 min
Delta R.T.: -0.006 min
Response: 317949
Conc: 168.09 ng/ml



#10 AR-1221-3

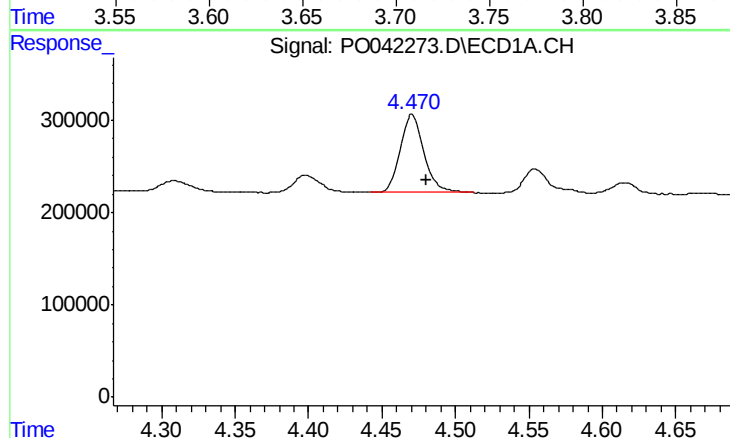
R.T.: 4.471 min
Delta R.T.: -0.009 min
Response: 955487
Conc: 206.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



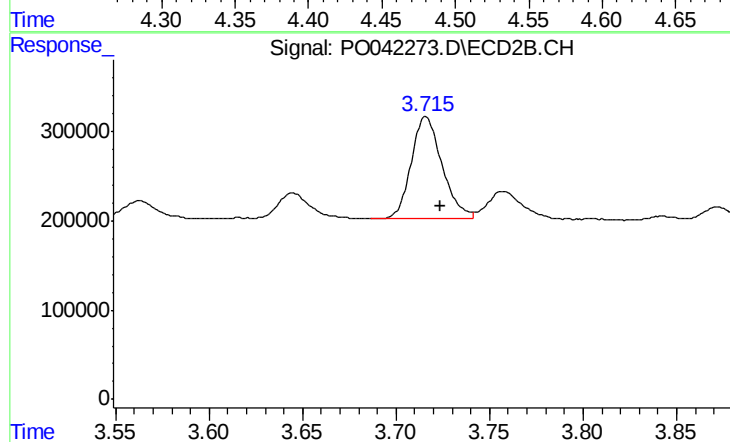
#10 AR-1221-3

R.T.: 3.716 min
Delta R.T.: -0.006 min
Response: 1309561
Conc: 209.40 ng/ml



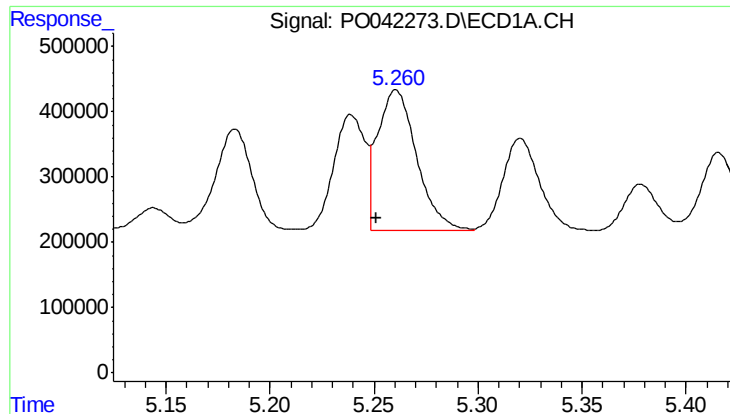
#11 AR-1232-1

R.T.: 4.471 min
Delta R.T.: -0.010 min
Response: 955487
Conc: 272.65 ng/ml



#11 AR-1232-1

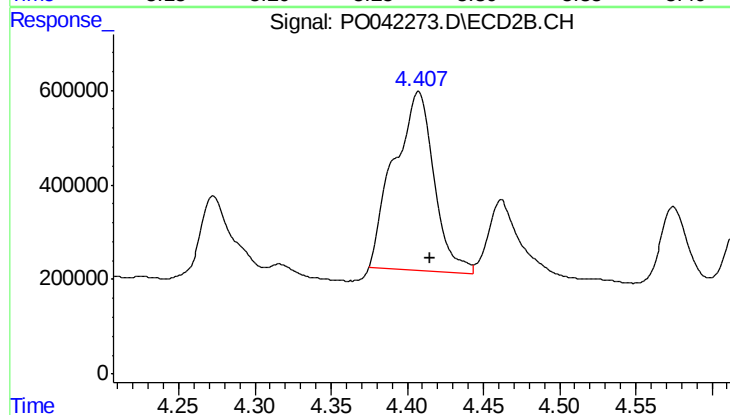
R.T.: 3.716 min
Delta R.T.: -0.008 min
Response: 1309561
Conc: 265.94 ng/ml



#12 AR-1232-2

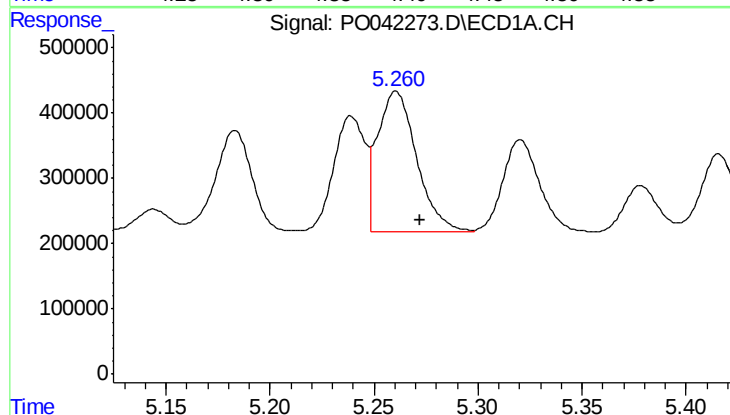
R.T.: 5.261 min
Delta R.T.: 0.010 min
Response: 2835101
Conc: 1077.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



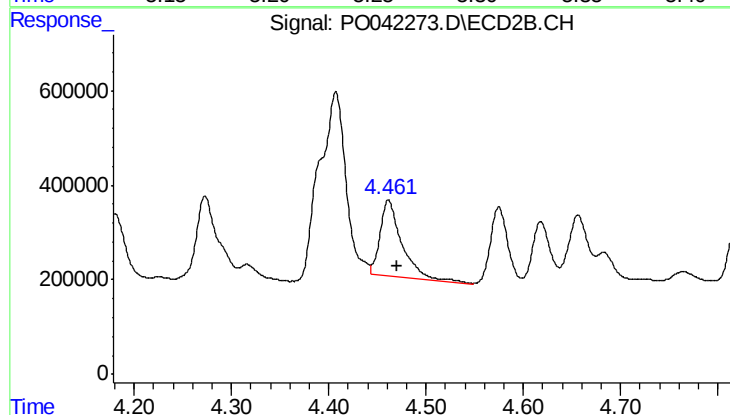
#12 AR-1232-2

R.T.: 4.408 min
Delta R.T.: -0.008 min
Response: 6873158
Conc: 683.58 ng/ml



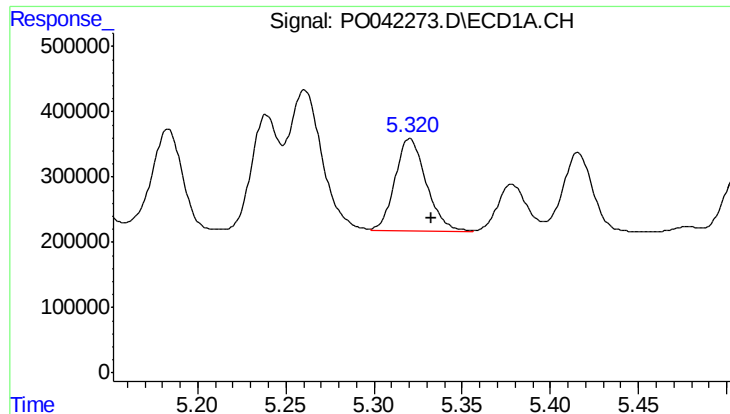
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: -0.012 min
Response: 2835101
Conc: 634.80 ng/ml



#13 AR-1232-3

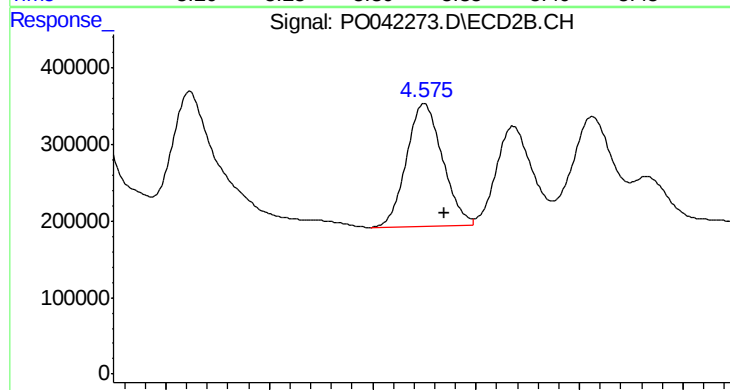
R.T.: 4.462 min
Delta R.T.: -0.009 min
Response: 2483778
Conc: 602.33 ng/ml



#14 AR-1232-4

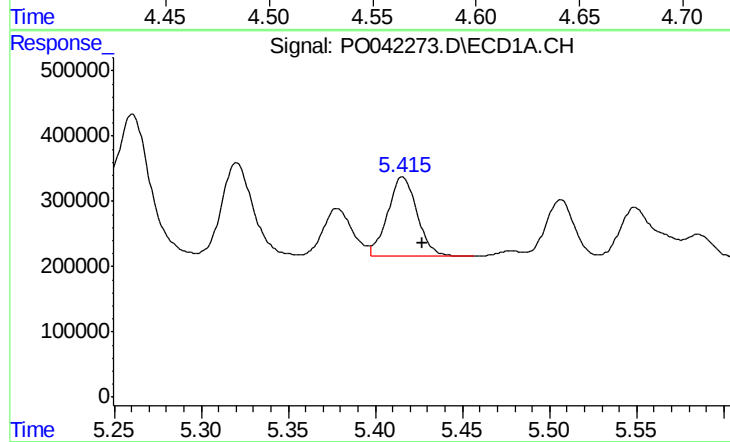
R.T.: 5.320 min
Delta R.T.: -0.012 min
Response: 1747028
Conc: 634.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



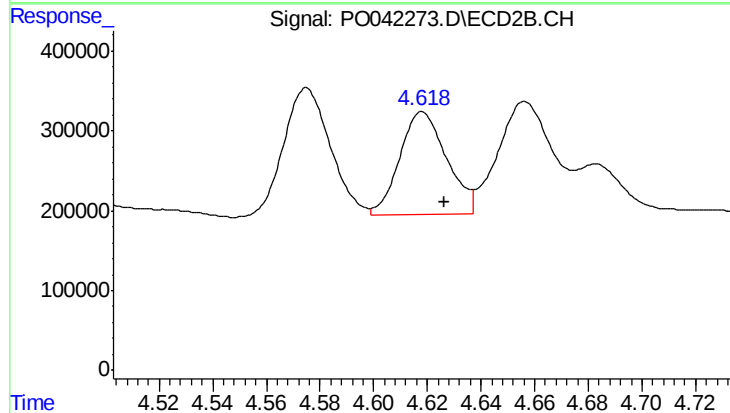
#14 AR-1232-4

R.T.: 4.575 min
Delta R.T.: -0.009 min
Response: 1953904
Conc: 630.60 ng/ml



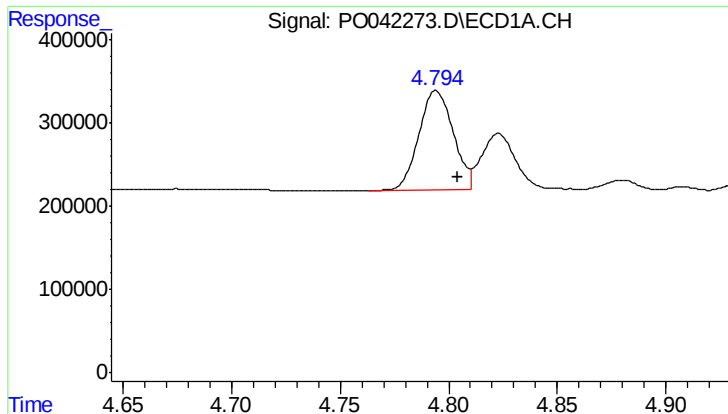
#15 AR-1232-5

R.T.: 5.416 min
Delta R.T.: -0.011 min
Response: 1412483
Conc: 672.68 ng/ml



#15 AR-1232-5

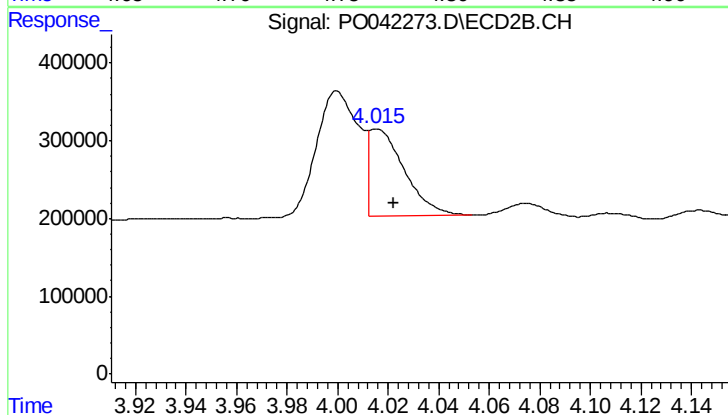
R.T.: 4.618 min
Delta R.T.: -0.008 min
Response: 1567377
Conc: 724.96 ng/ml



#16 AR-1242-1

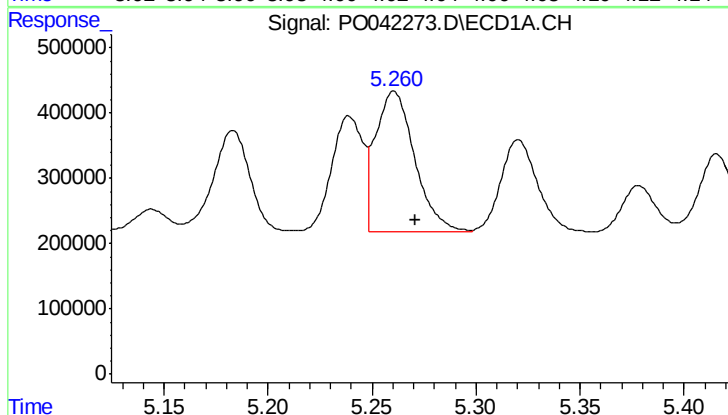
R.T.: 4.794 min
Delta R.T.: -0.010 min
Response: 1312829
Conc: 423.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
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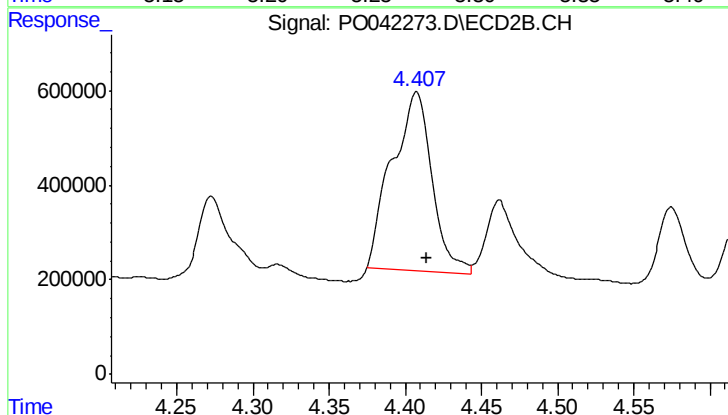
#16 AR-1242-1

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 1085418
Conc: 427.71 ng/ml



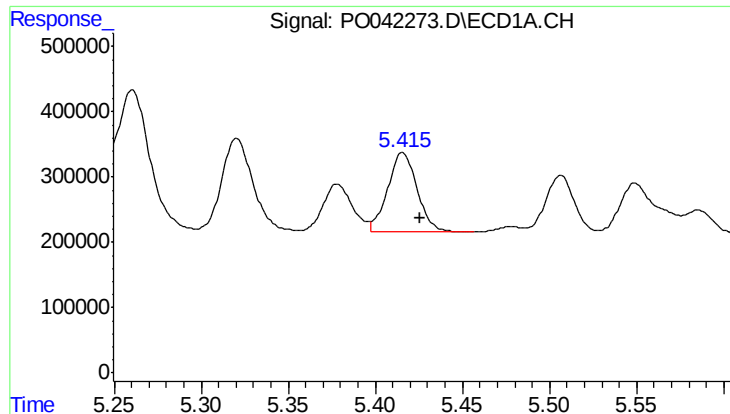
#17 AR-1242-2

R.T.: 5.261 min
Delta R.T.: -0.010 min
Response: 2835101
Conc: 385.44 ng/ml



#17 AR-1242-2

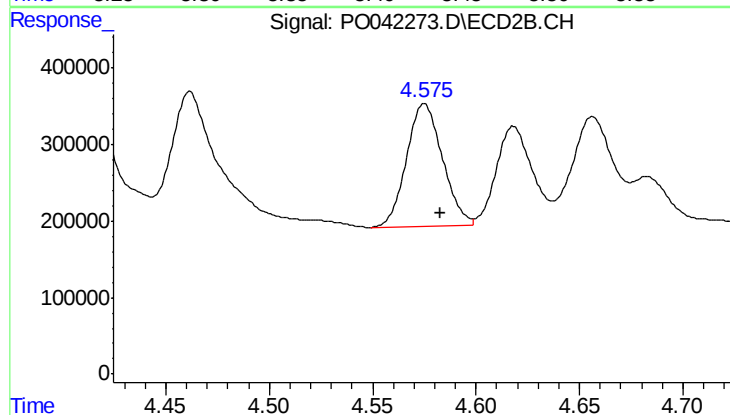
R.T.: 4.408 min
Delta R.T.: -0.006 min
Response: 6873158
Conc: 400.58 ng/ml



#18 AR-1242-3

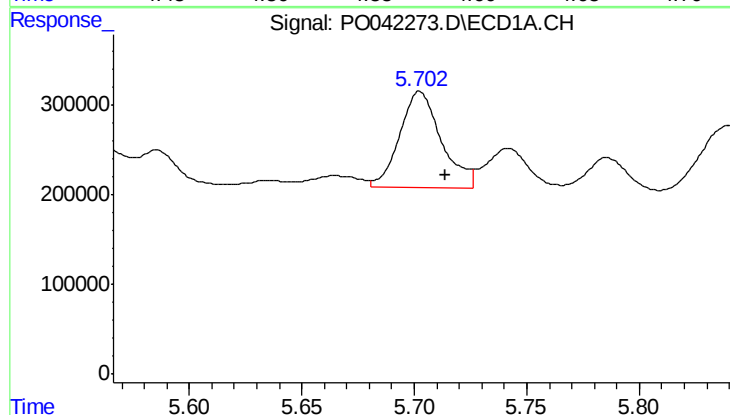
R.T.: 5.416 min
Delta R.T.: -0.010 min
Response: 1412483
Conc: 384.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



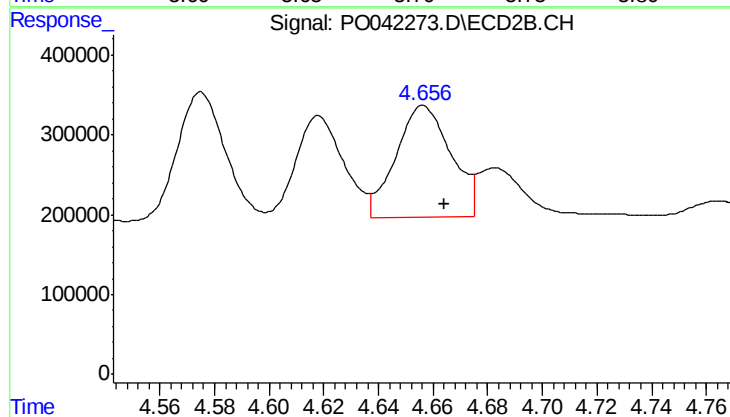
#18 AR-1242-3

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 1953904
Conc: 371.45 ng/ml



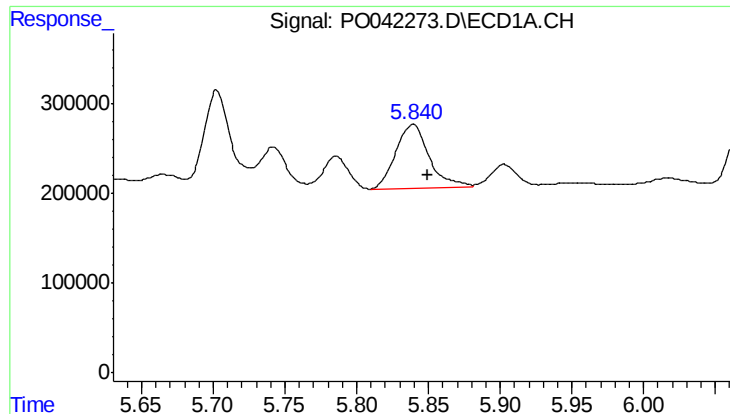
#19 AR-1242-4

R.T.: 5.702 min
Delta R.T.: -0.011 min
Response: 1371896
Conc: 364.85 ng/ml



#19 AR-1242-4

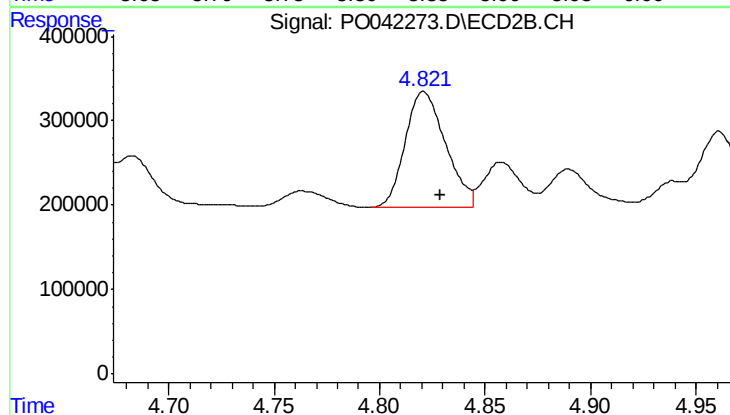
R.T.: 4.656 min
Delta R.T.: -0.008 min
Response: 1943694
Conc: 371.28 ng/ml



#20 AR-1242-5

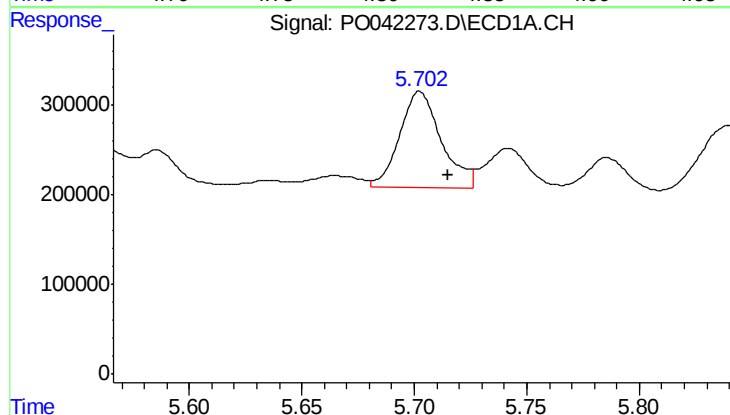
R.T.: 5.840 min
Delta R.T.: -0.010 min
Response: 1148352
Conc: 275.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



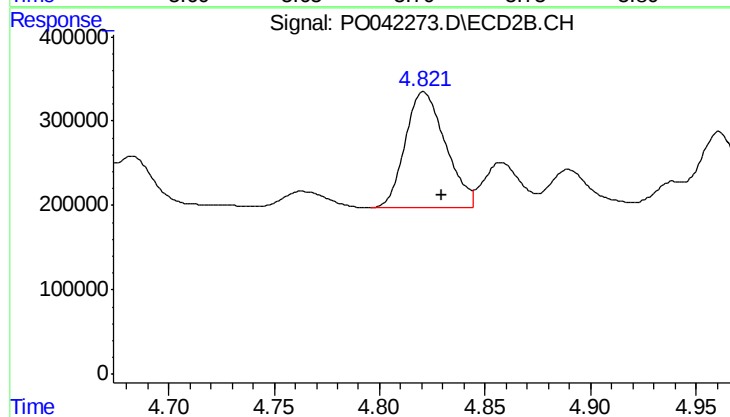
#20 AR-1242-5

R.T.: 4.821 min
Delta R.T.: -0.008 min
Response: 1822783
Conc: 315.25 ng/ml



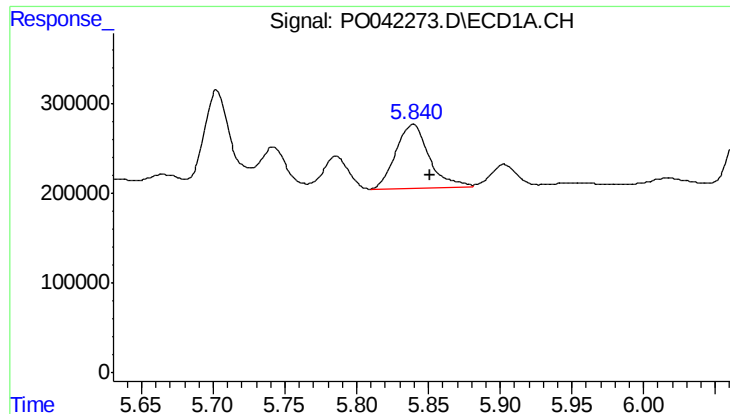
#21 AR-1248-1

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 1371896
Conc: 189.71 ng/ml



#21 AR-1248-1

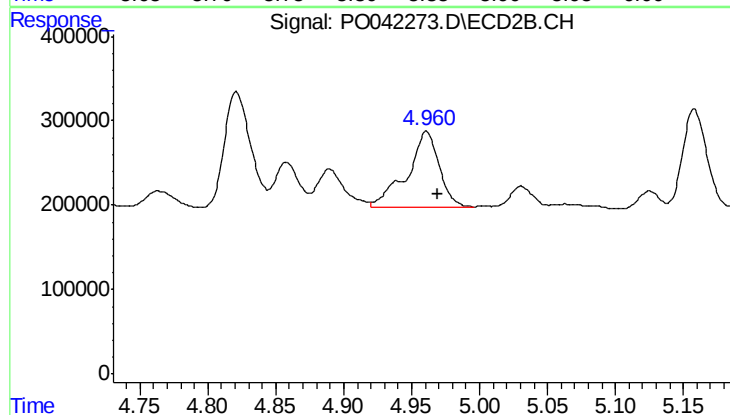
R.T.: 4.821 min
Delta R.T.: -0.009 min
Response: 1822783
Conc: 166.74 ng/ml



#22 AR-1248-2

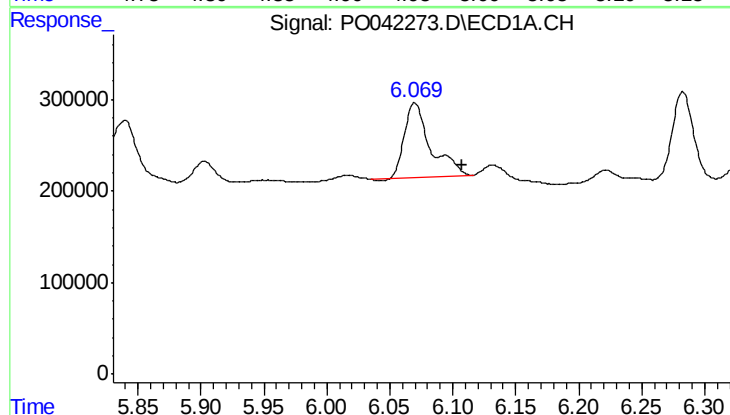
R.T.: 5.840 min
Delta R.T.: -0.012 min
Response: 1148352
Conc: 183.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



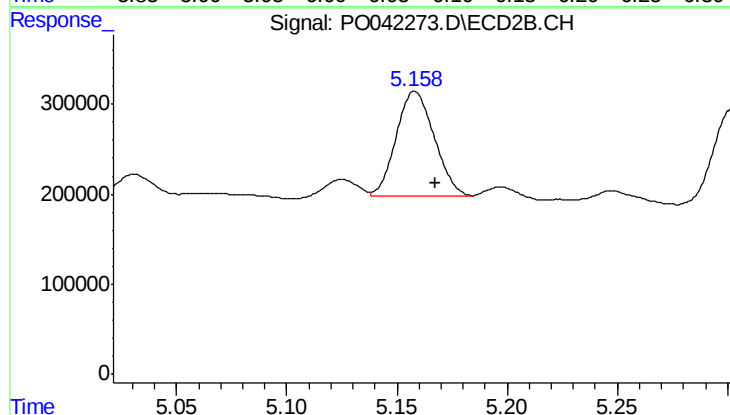
#22 AR-1248-2

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 1472285
Conc: 151.41 ng/ml



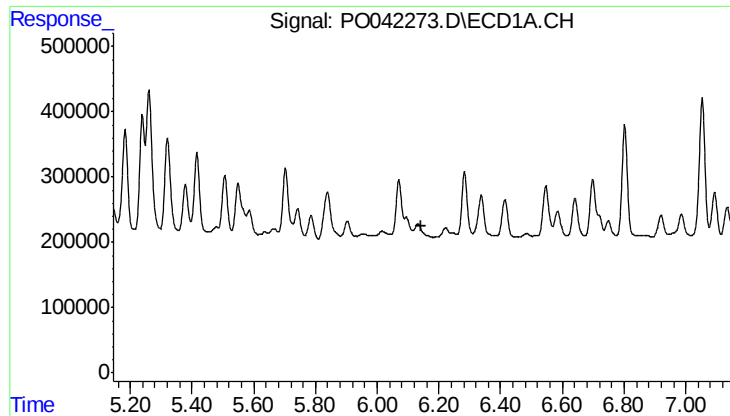
#23 AR-1248-3

R.T.: 6.070 min
Delta R.T.: -0.038 min
Response: 1171188
Conc: 128.08 ng/ml



#23 AR-1248-3

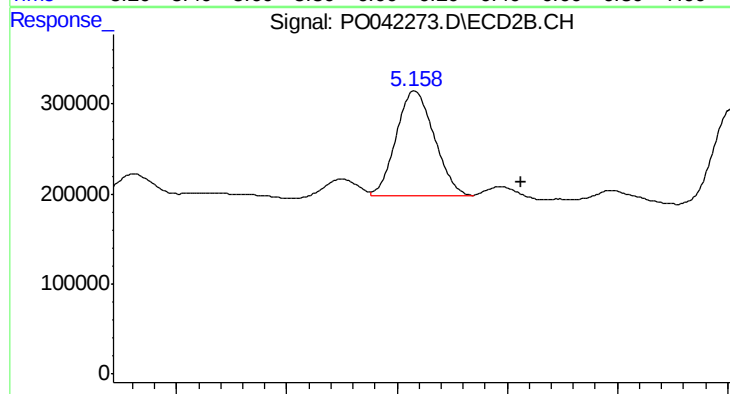
R.T.: 5.158 min
Delta R.T.: -0.009 min
Response: 1390444
Conc: 81.98 ng/ml



#24 AR-1248-4

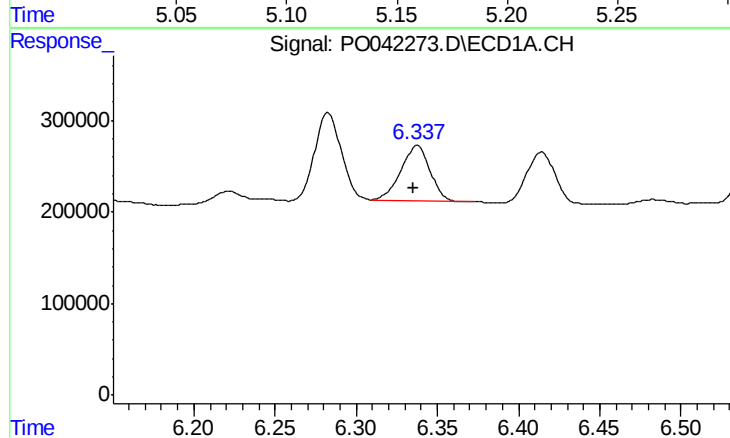
R.T.: 0.000 min
Exp R.T.: 6.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
3N-15MS



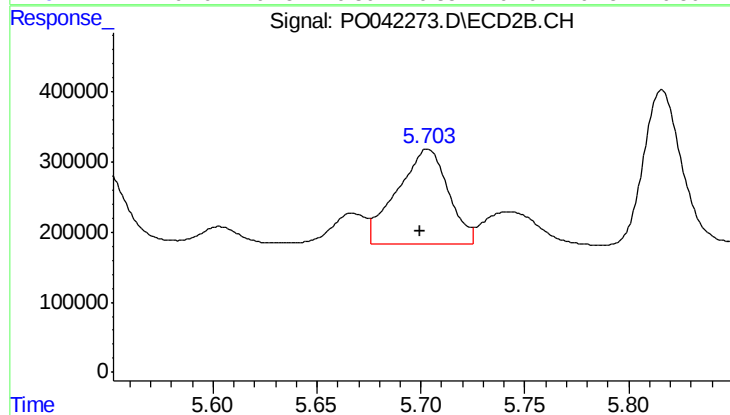
#24 AR-1248-4

R.T.: 5.158 min
Delta R.T.: -0.048 min
Response: 1390444
Conc: 102.98 ng/ml



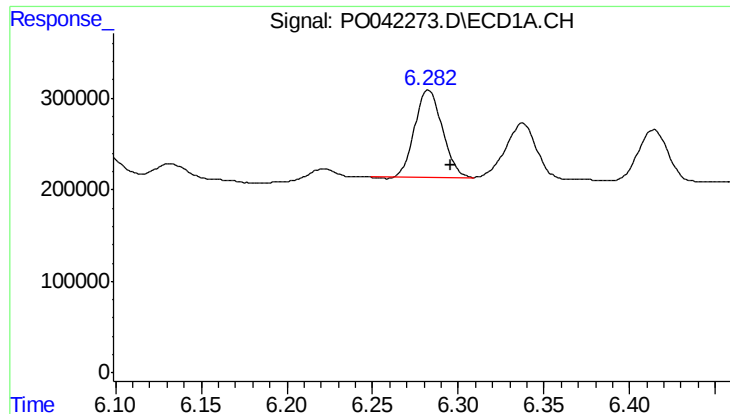
#25 AR-1248-5

R.T.: 6.337 min
Delta R.T.: 0.002 min
Response: 769580
Conc: 128.82 ng/ml



#25 AR-1248-5

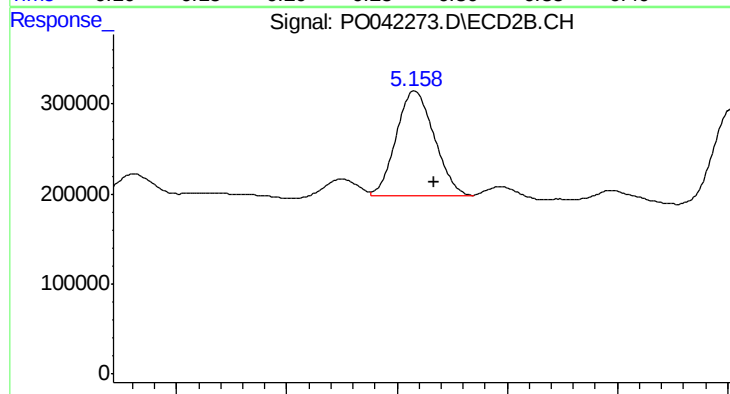
R.T.: 5.703 min
Delta R.T.: 0.004 min
Response: 2326775
Conc: 301.96 ng/ml



#26 AR-1254-1

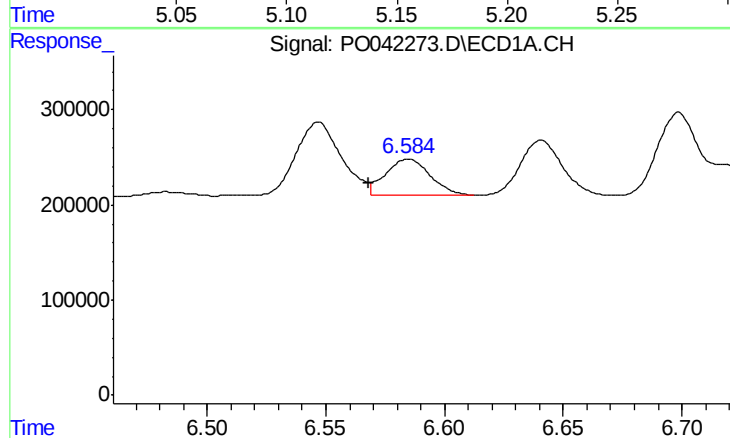
R.T.: 6.283 min
Delta R.T.: -0.013 min
Response: 1088293
Conc: 77.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



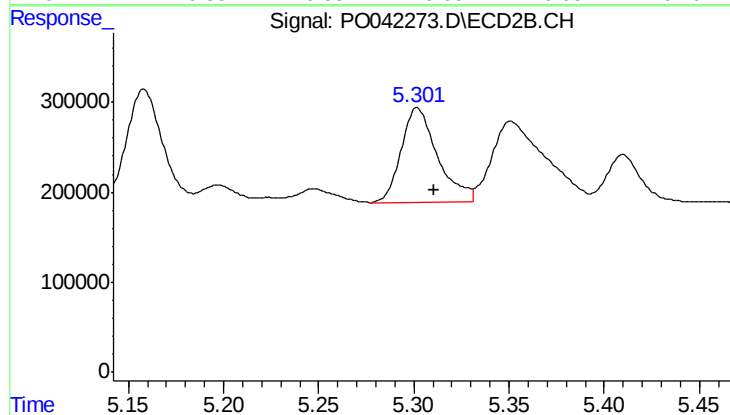
#26 AR-1254-1

R.T.: 5.158 min
Delta R.T.: -0.009 min
Response: 1390444
Conc: 75.18 ng/ml



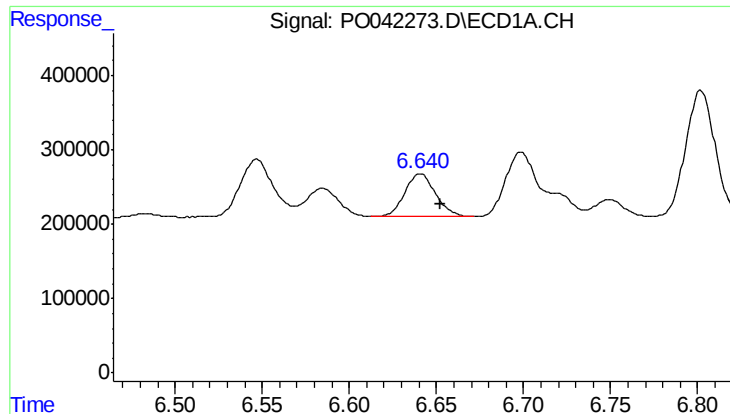
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.016 min
Response: 504225
Conc: 57.97 ng/ml



#27 AR-1254-2

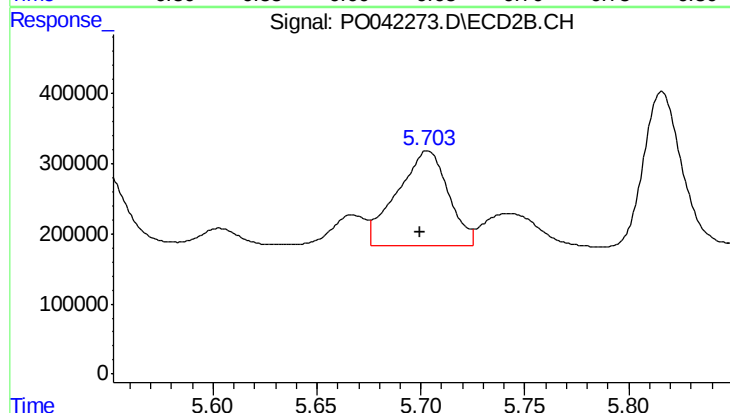
R.T.: 5.302 min
Delta R.T.: -0.009 min
Response: 1405403
Conc: 84.99 ng/ml



#28 AR-1254-3

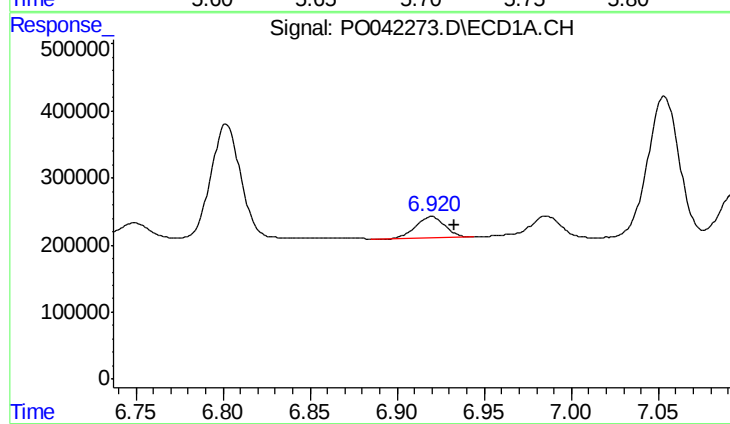
R.T.: 6.641 min
Delta R.T.: -0.012 min
Response: 712703
Conc: 45.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



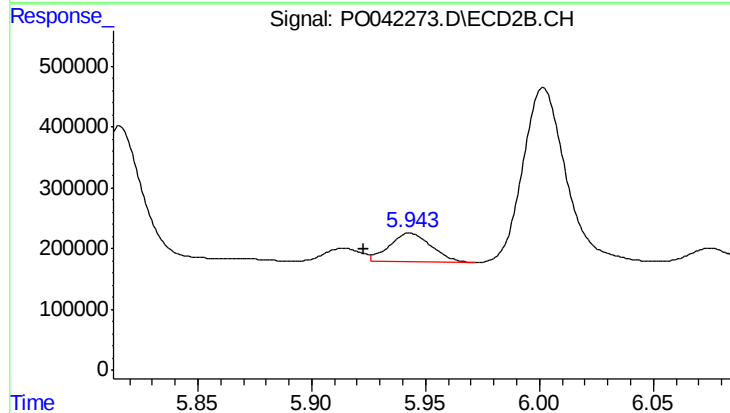
#28 AR-1254-3

R.T.: 5.703 min
Delta R.T.: 0.004 min
Response: 2326775
Conc: 84.57 ng/ml



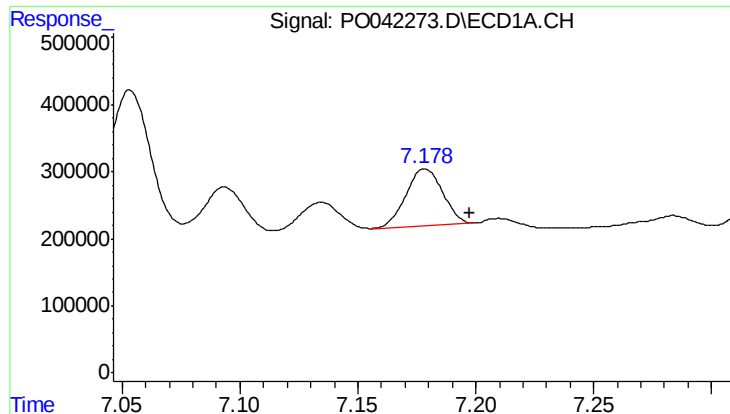
#29 AR-1254-4

R.T.: 6.920 min
Delta R.T.: -0.013 min
Response: 354635
Conc: 27.03 ng/ml



#29 AR-1254-4

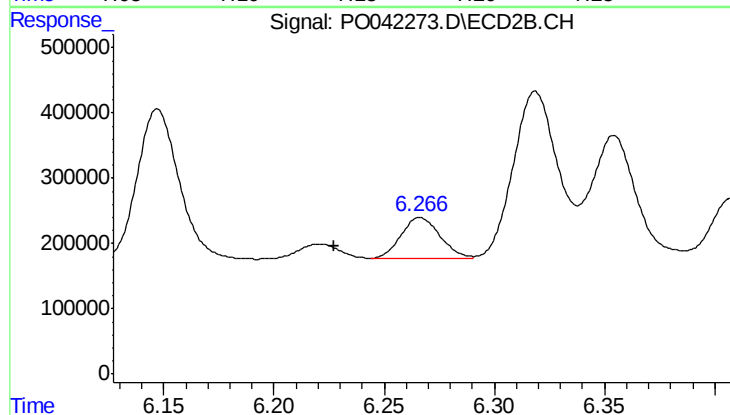
R.T.: 5.943 min
Delta R.T.: 0.020 min
Response: 589040
Conc: 30.23 ng/ml



#30 AR-1254-5

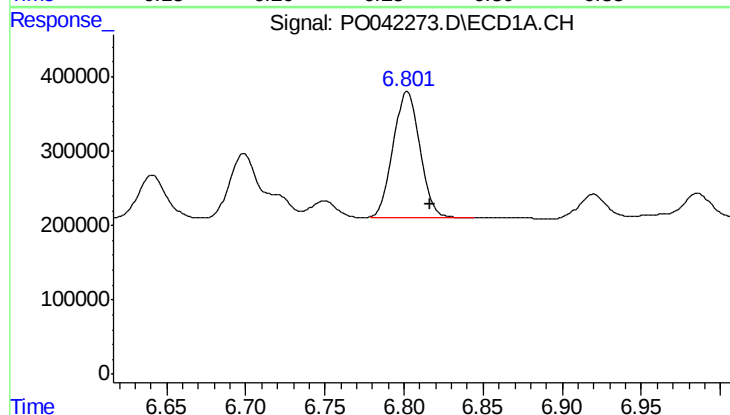
R.T.: 7.178 min
Delta R.T.: -0.019 min
Response: 912777
Conc: 96.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



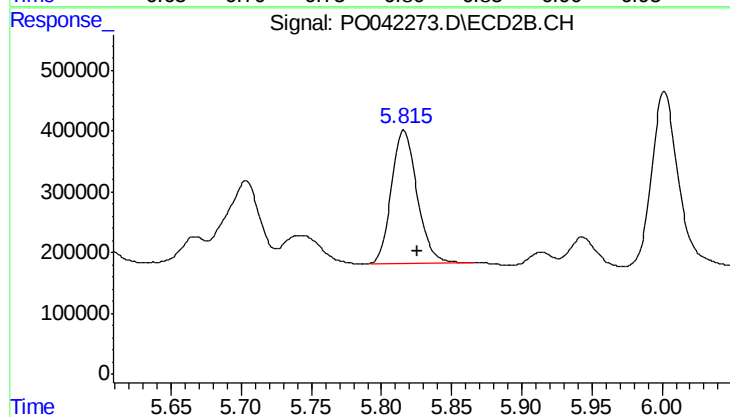
#30 AR-1254-5

R.T.: 6.266 min
Delta R.T.: 0.039 min
Response: 799244
Conc: 60.34 ng/ml



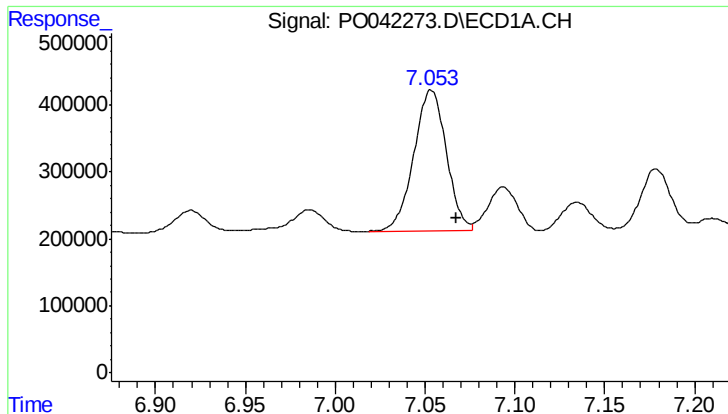
#31 AR-1260-1

R.T.: 6.802 min
Delta R.T.: -0.014 min
Response: 1995465
Conc: 158.63 ng/ml



#31 AR-1260-1

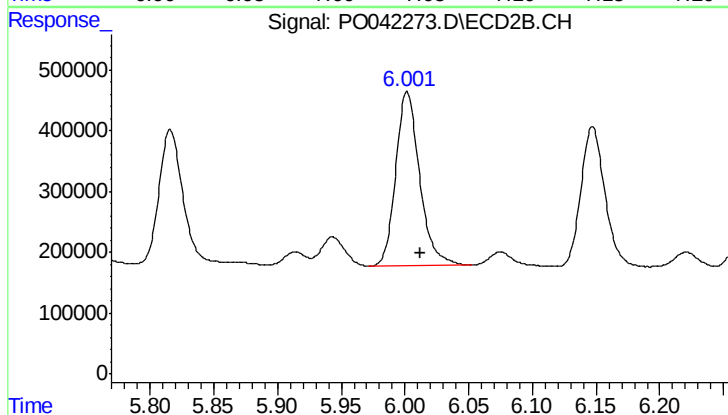
R.T.: 5.816 min
Delta R.T.: -0.010 min
Response: 2814588
Conc: 131.85 ng/ml



#32 AR-1260-2

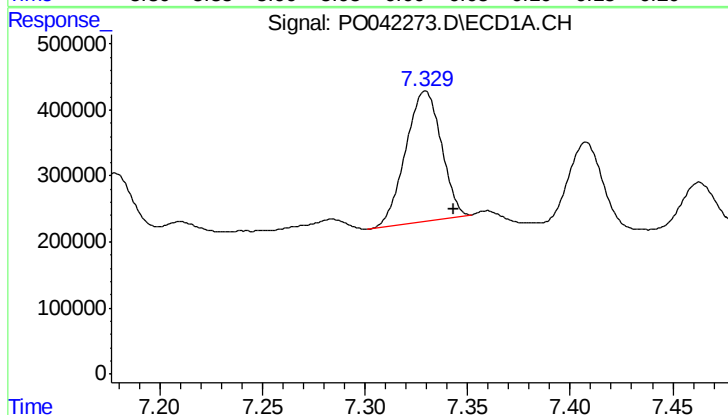
R.T.: 7.053 min
Delta R.T.: -0.014 min
Response: 2666349
Conc: 153.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



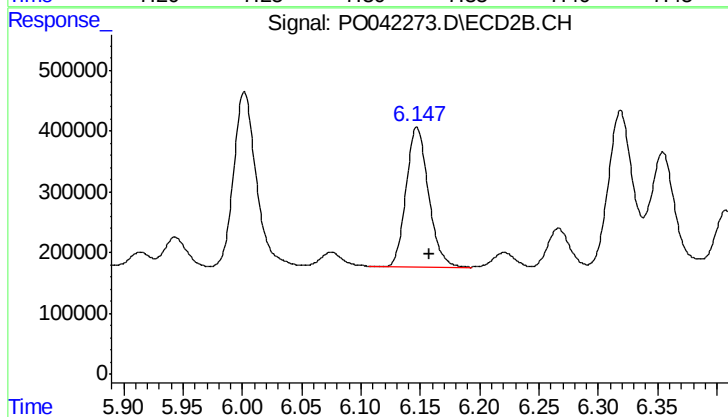
#32 AR-1260-2

R.T.: 6.002 min
Delta R.T.: -0.010 min
Response: 3748142
Conc: 118.66 ng/ml



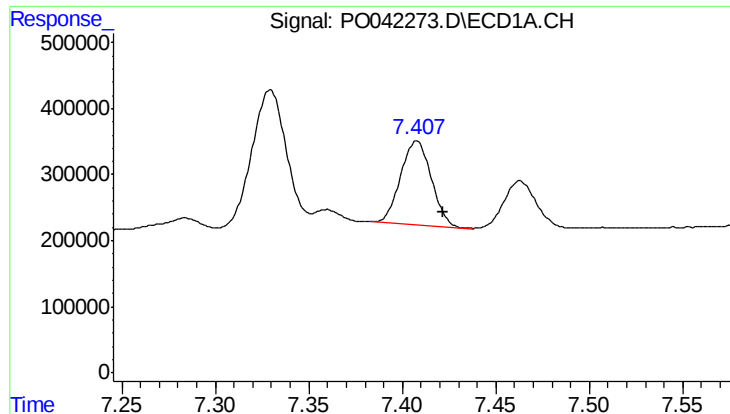
#33 AR-1260-3

R.T.: 7.329 min
Delta R.T.: -0.014 min
Response: 2383881
Conc: 118.77 ng/ml



#33 AR-1260-3

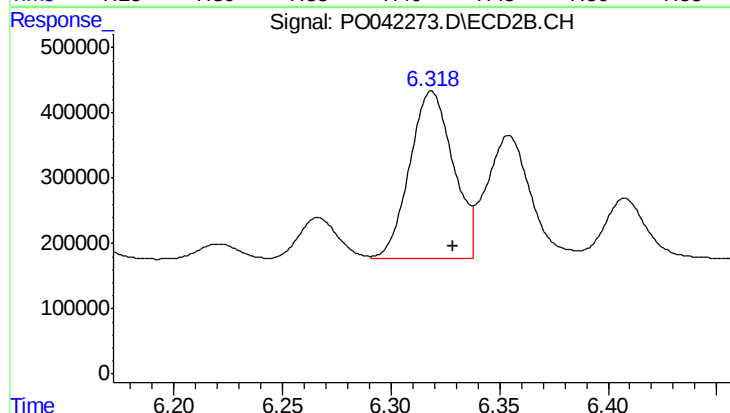
R.T.: 6.147 min
Delta R.T.: -0.010 min
Response: 2990360
Conc: 114.57 ng/ml



#34 AR-1260-4

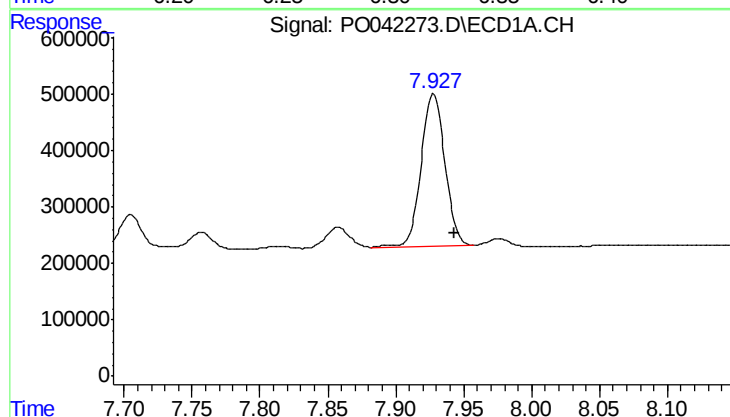
R.T.: 7.408 min
Delta R.T.: -0.014 min
Response: 1454191
Conc: 123.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



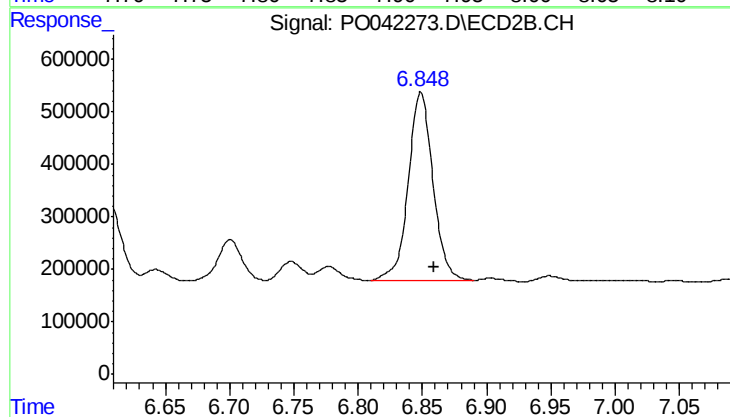
#34 AR-1260-4

R.T.: 6.319 min
Delta R.T.: -0.010 min
Response: 3605250
Conc: 105.73 ng/ml



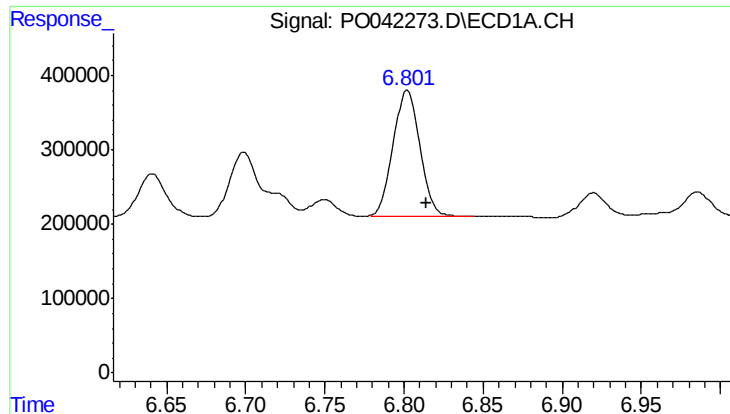
#35 AR-1260-5

R.T.: 7.928 min
Delta R.T.: -0.016 min
Response: 3280549
Conc: 124.72 ng/ml



#35 AR-1260-5

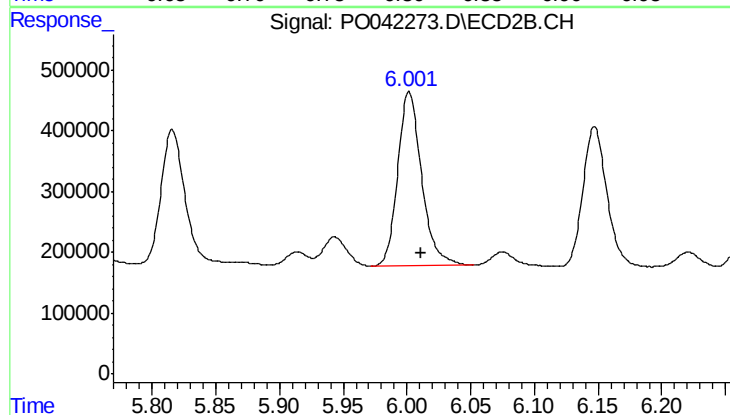
R.T.: 6.849 min
Delta R.T.: -0.010 min
Response: 4798736
Conc: 89.44 ng/ml



#36 AR-1262-1

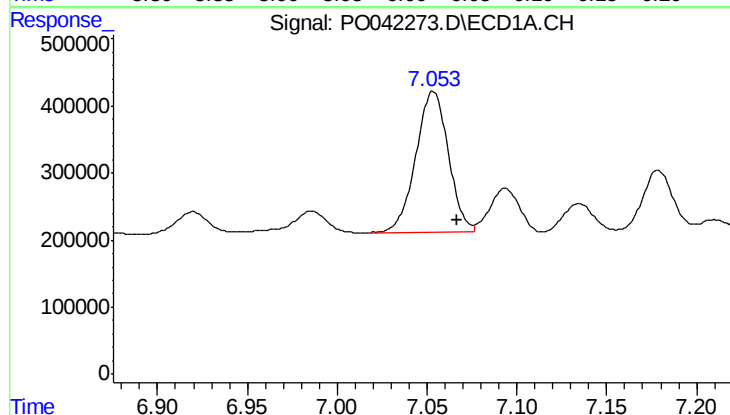
R.T.: 6.802 min
Delta R.T.: -0.012 min
Response: 1995465
Conc: 210.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



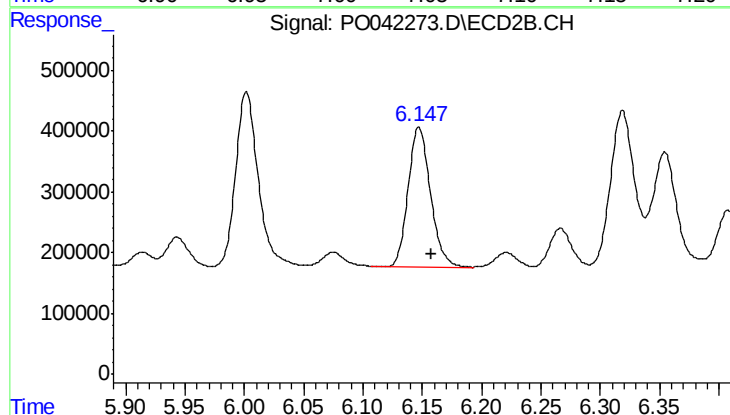
#36 AR-1262-1

R.T.: 6.002 min
Delta R.T.: -0.009 min
Response: 3748142
Conc: 168.75 ng/ml



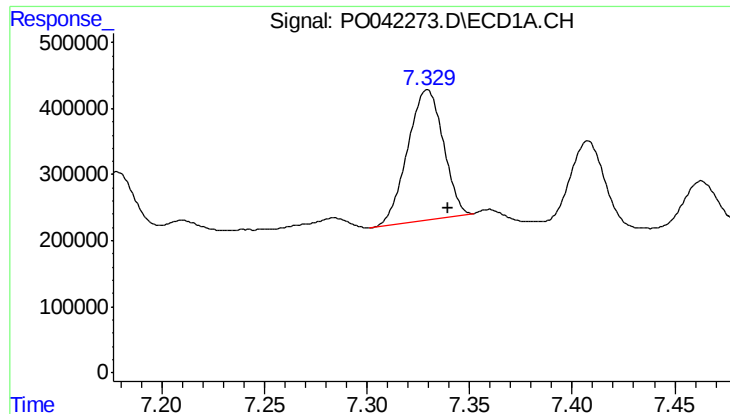
#37 AR-1262-2

R.T.: 7.053 min
Delta R.T.: -0.013 min
Response: 2666349
Conc: 229.01 ng/ml



#37 AR-1262-2

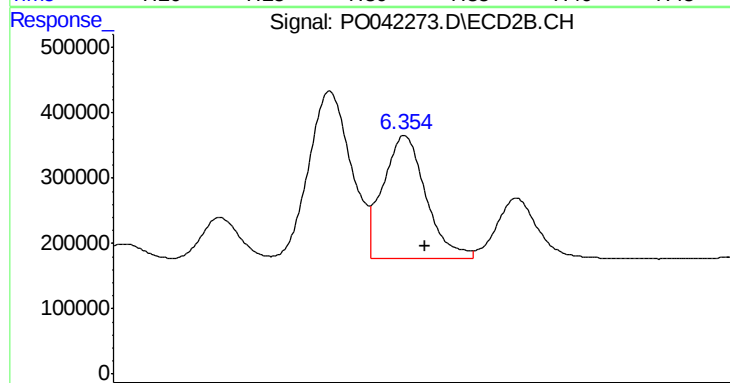
R.T.: 6.147 min
Delta R.T.: -0.010 min
Response: 2990360
Conc: 148.70 ng/ml



#38 AR-1262-3

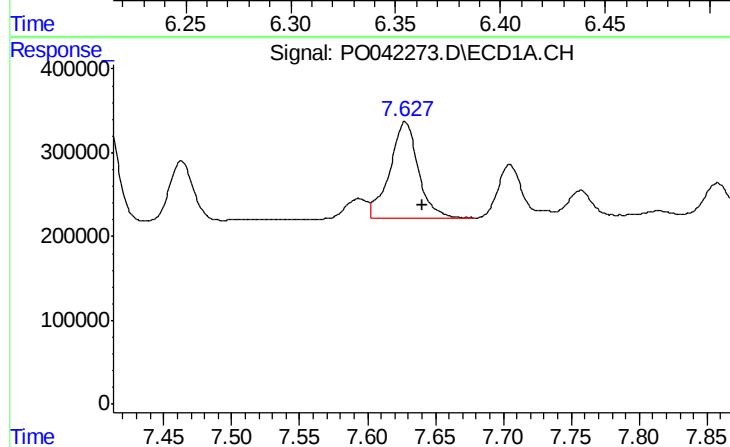
R.T.: 7.329 min
Delta R.T.: -0.010 min
Response: 2383881
Conc: 207.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



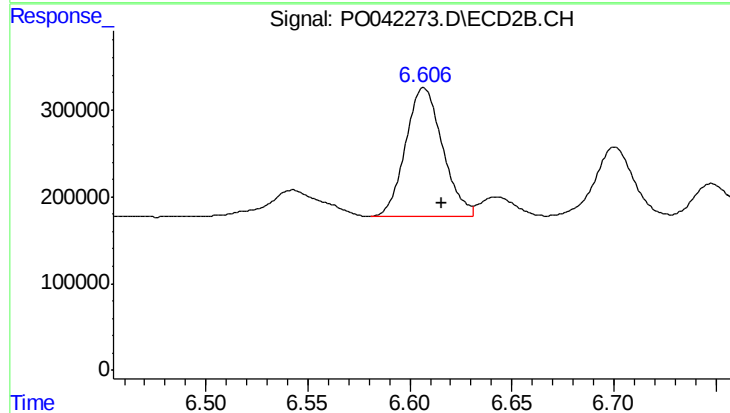
#38 AR-1262-3

R.T.: 6.354 min
Delta R.T.: -0.010 min
Response: 2702824
Conc: 72.92 ng/ml



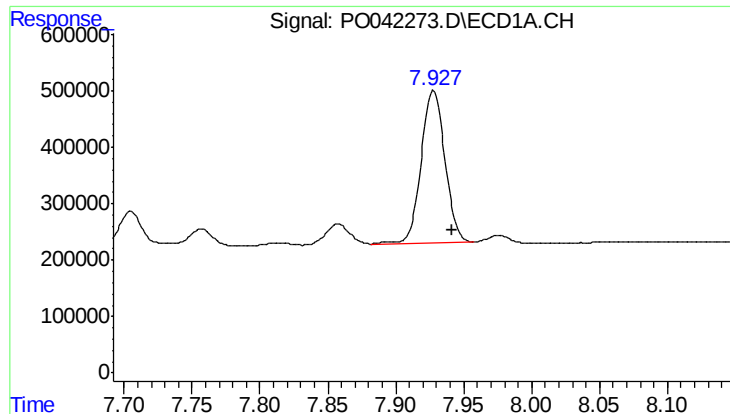
#39 AR-1262-4

R.T.: 7.628 min
Delta R.T.: -0.013 min
Response: 1690037
Conc: 110.17 ng/ml



#39 AR-1262-4

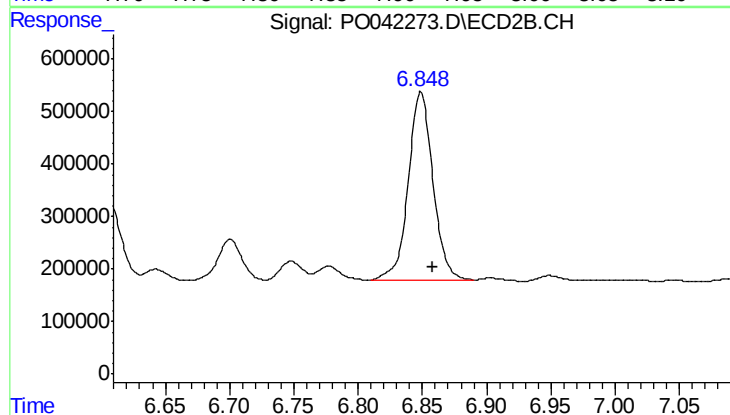
R.T.: 6.607 min
Delta R.T.: -0.009 min
Response: 1858743
Conc: 67.11 ng/ml



#40 AR-1262-5

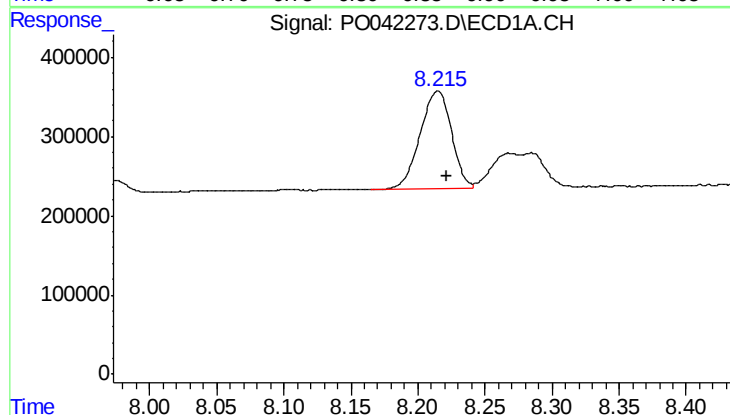
R.T.: 7.928 min
Delta R.T.: -0.013 min
Response: 3280549
Conc: 101.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



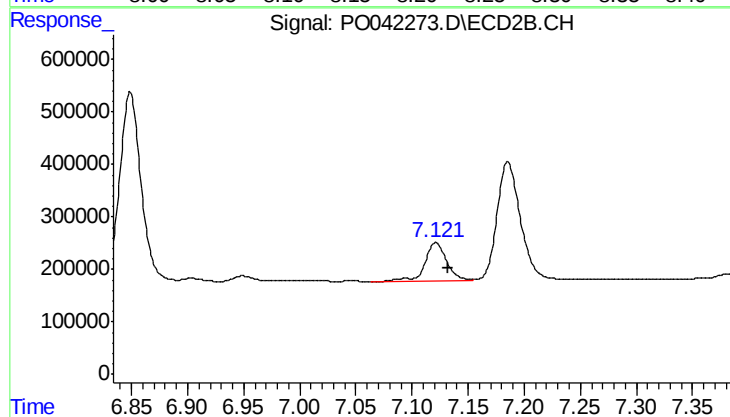
#40 AR-1262-5

R.T.: 6.849 min
Delta R.T.: -0.009 min
Response: 4798736
Conc: 75.74 ng/ml



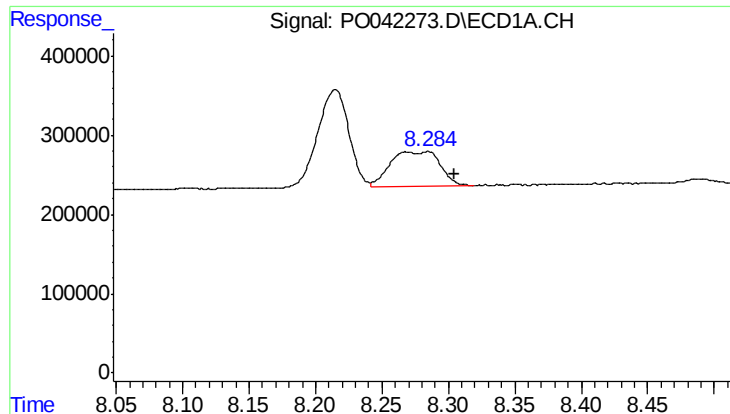
#41 AR-1268-1

R.T.: 8.215 min
Delta R.T.: -0.006 min
Response: 2008106
Conc: 53.14 ng/ml



#41 AR-1268-1

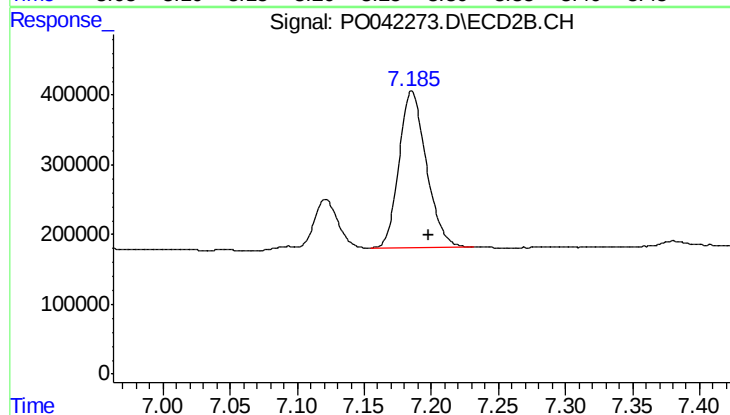
R.T.: 7.121 min
Delta R.T.: -0.011 min
Response: 958989
Conc: 13.08 ng/ml



#42 AR-1268-2

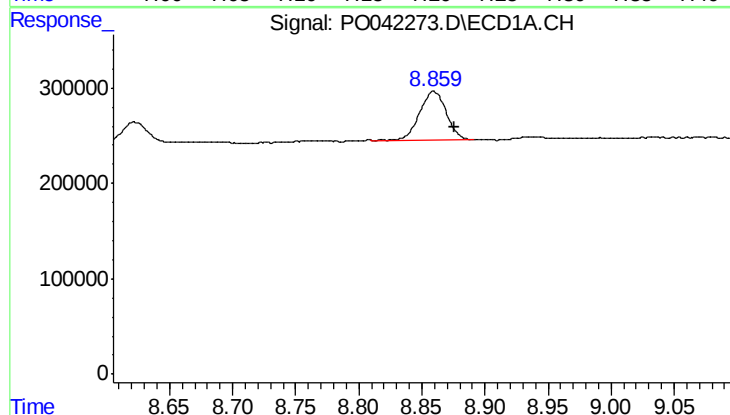
R.T.: 8.285 min
Delta R.T.: -0.020 min
Response: 1138055
Conc: 34.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
3N-15MS



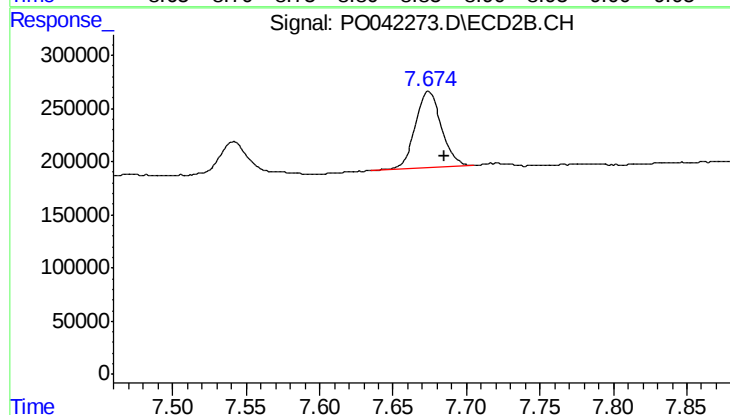
#42 AR-1268-2

R.T.: 7.185 min
Delta R.T.: -0.013 min
Response: 3211700
Conc: 49.68 ng/ml



#44 AR-1268-4

R.T.: 8.859 min
Delta R.T.: -0.017 min
Response: 746572
Conc: 59.90 ng/ml



#44 AR-1268-4

R.T.: 7.674 min
Delta R.T.: -0.011 min
Response: 884891
Conc: 39.83 ng/ml