

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD 0\Data\P0082818\
 Data File : P0048593.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Aug 2018 12:51
 Operator : SM/SJ
 Sample : J4661-02MS
 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: Aug 29 02:08:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 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...	4.378	3.620	6024436	7121157	31.803	26.304
2) SA Decachlor...	10.058	8.595	3802781	3352824	22.083	20.020
Target Compounds						
3) L1 AR-1016-1	5.085	4.291	3533906	3666744	741.011	611.915
4) L1 AR-1016-2	5.279	4.719	4870090	10766421	1038.593	1225.646
5) L1 AR-1016-3	5.547	4.719	6160942	10766421	905.430	841.077
6) L1 AR-1016-4	5.631	4.774	3430383	4320627	564.264	526.826
7) L1 AR-1016-5	6.021	5.148	5358946	5537804	1073.083	749.216 #
8) L2 AR-1221-1	4.580	3.834	106908	352253	50.850	133.852 #
9) L2 AR-1221-2	4.675	3.918	323137	256715	213.129	133.440 #
10) L2 AR-1221-3	4.751	3.994	1452555	1133817	292.795	181.835 #
11) L3 AR-1232-1	5.569	4.479	10090937	5986732	2245.771	2051.311
12) L3 AR-1232-2	5.729	4.719	3713253	10766421	1634.450	1797.988
13) L3 AR-1232-3	5.818	4.976	2658205	4933795	1580.872	1877.239
14) L3 AR-1232-4	6.398	5.295	5179917	4113297	3198.030	1482.691 #
15) L3 AR-1232-5	6.464	5.538	3206498	2536675	1362.770	824.082 #
16) L4 AR-1242-1	5.116	4.311	2552061	3001018	1065.308	858.162
17) L4 AR-1242-2	5.864	4.896	5123757	7348179	1413.647	1343.371
18) L4 AR-1242-3	6.062	4.935	1603387	4906585	929.196	1169.200 #
19) L4 AR-1242-4	6.107	5.735	1559533	1543881	1208.804	350.253 #
20) L4 AR-1242-5	6.164	5.762	4799719	2387581	1074.084	649.478 #
21) L5 AR-1248-1	5.818	4.935	2658205	4906585	450.297	647.468 #
22) L5 AR-1248-2	6.398	5.498	5179917	7676971	891.213	583.112 #
23) L5 AR-1248-3	6.424	5.538	2565361	2536675	332.423	278.044
24) L5 AR-1248-4	6.464	5.735	3206498	1543881	437.739	195.609 #
25) L5 AR-1248-5	6.666	6.047	3697961	13779061	764.342	2298.774 #
26) L6 AR-1254-1	6.616	5.644	7567316	5919322	557.453	411.421 #
27) L6 AR-1254-2	6.895	5.957	3183872	5066334	385.767	437.437
28) L6 AR-1254-3	6.982	6.273	6884690	5017777	479.831	342.562 #
29) L6 AR-1254-4	7.266	6.588	4313652	2400204	392.499	243.896 #
30) L6 AR-1254-5	7.531	6.689	4134304	10469932	507.296	537.274
31) L7 AR-1260-1	7.143	6.175	6279803	8500995	630.420	613.851
32) L7 AR-1260-2	7.399	6.362	6716497	7706582	560.688	439.286
33) L7 AR-1260-3	7.683	6.515	8838674	6501137	644.008	423.990 #
34) L7 AR-1260-4	7.980	6.984	5221452	3358703	527.385	288.553 #
35) L7 AR-1260-5	8.296	7.225	6849359	10181976	358.791	376.019
36) L8 AR-1262-1	7.038	6.047	2145214	13779061	274.677	1296.293 #
37) L8 AR-1262-2	7.815	6.779	1940632	3312443	301.390	346.518
38) L8 AR-1262-3	8.062	7.082	3542014	2461638	512.992	260.721 #

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

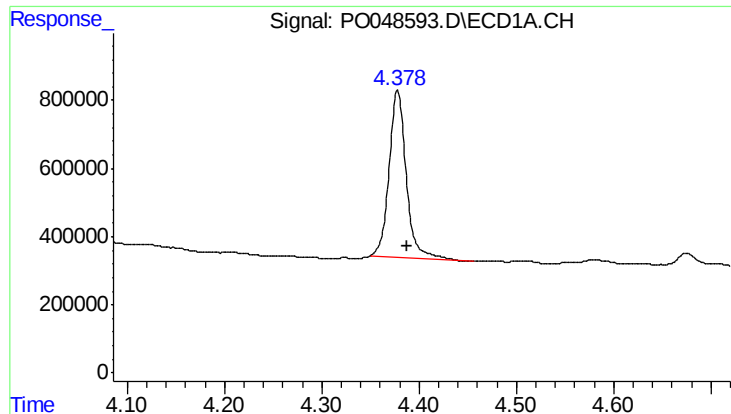
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
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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	
39)	L8 AR-1262-4	8.689	7.507	1102545	1866755	80.719	138.720	#
40)	L8 AR-1262-5	9.330	8.065	3149389	2632325	340.610	255.575	
41)	L9 AR-1268-1	7.756	6.725	4046223	4826178	762.566	623.928	
42)	L9 AR-1268-2	7.980	7.571	5221452	5500331	764.646	182.226	#
43)	L9 AR-1268-3	8.617	7.776	4594557	93183	178.091	3.752	#
44)	L9 AR-1268-4	8.925	7.871	744968	185302	36.183	28.324	
45)	L9 AR-1268-5	9.731	8.347	750657	944962	12.368	15.178	

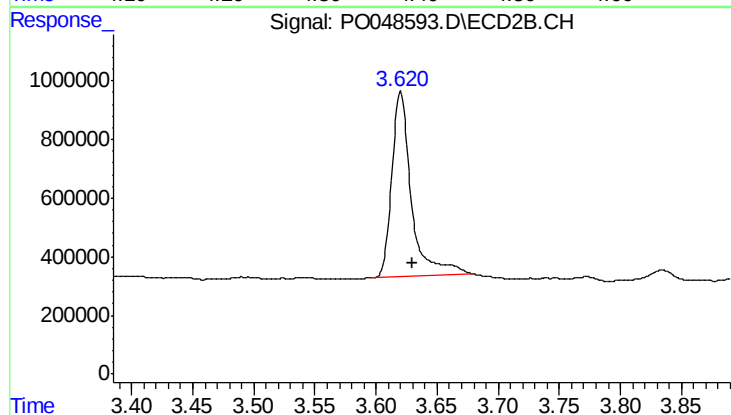
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

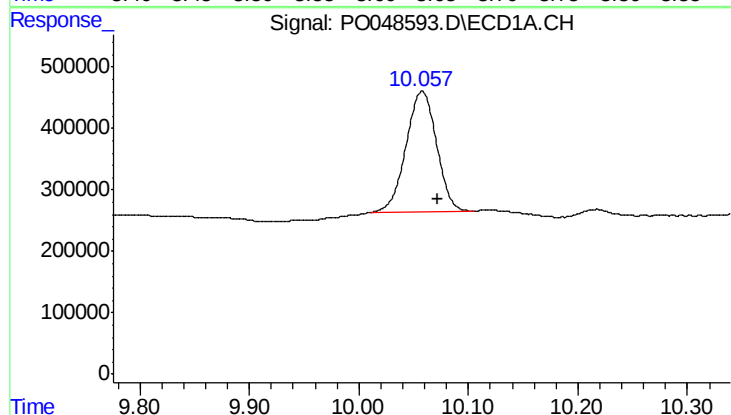
R.T.: 4.378 min
Delta R.T.: -0.010 min
Response: 6024436
Conc: 31.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



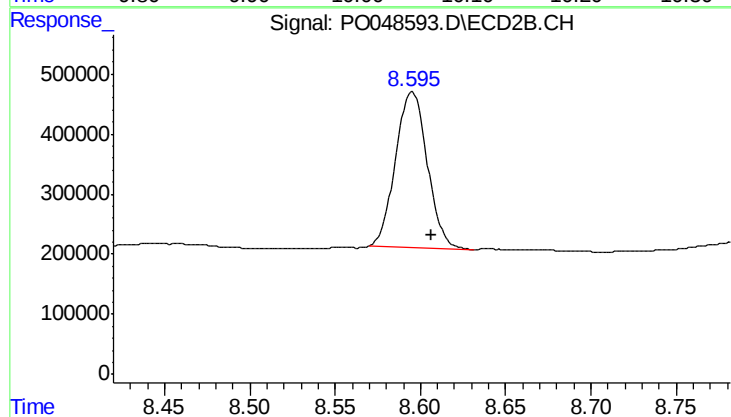
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.010 min
Response: 7121157
Conc: 26.30 ng/ml



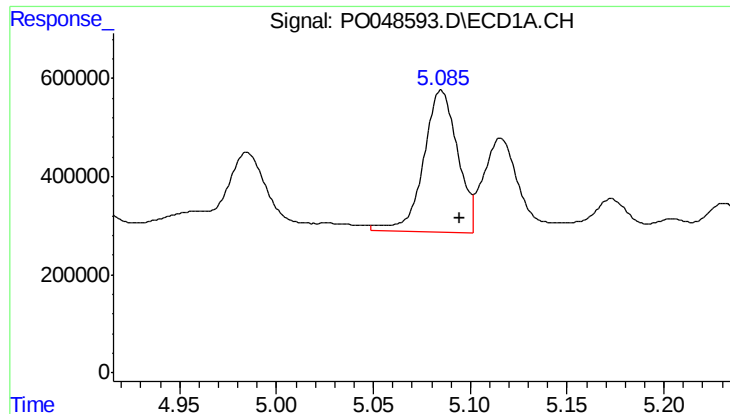
#2 Decachlorobiphenyl

R.T.: 10.058 min
Delta R.T.: -0.014 min
Response: 3802781
Conc: 22.08 ng/ml



#2 Decachlorobiphenyl

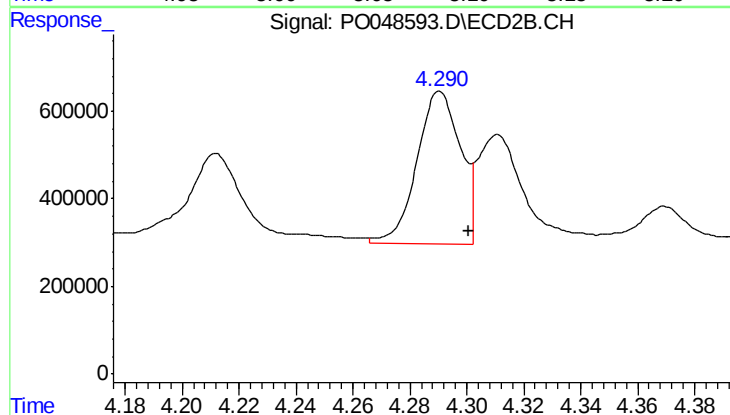
R.T.: 8.595 min
Delta R.T.: -0.011 min
Response: 3352824
Conc: 20.02 ng/ml



#3 AR-1016-1

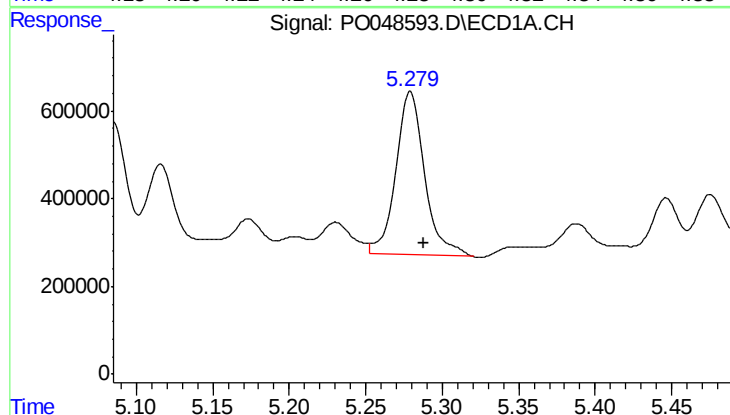
R.T.: 5.085 min
Delta R.T.: -0.010 min
Response: 3533906
Conc: 741.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



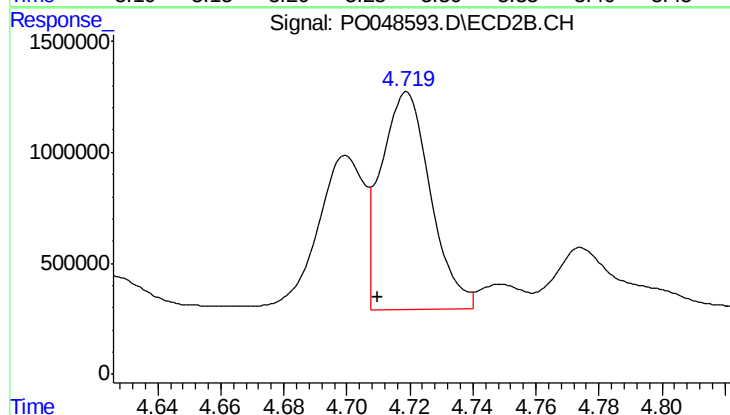
#3 AR-1016-1

R.T.: 4.291 min
Delta R.T.: -0.010 min
Response: 3666744
Conc: 611.91 ng/ml



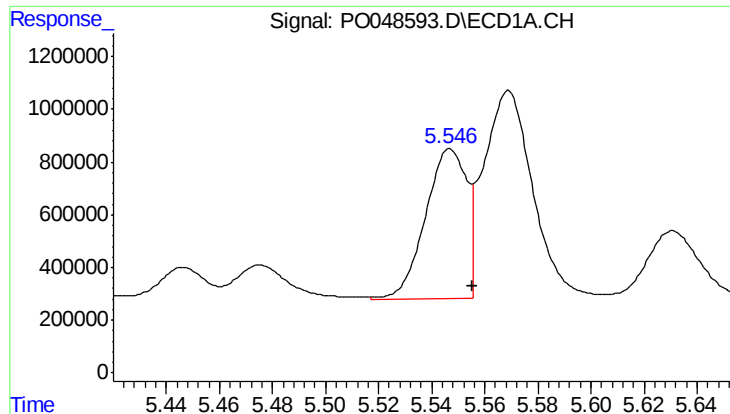
#4 AR-1016-2

R.T.: 5.279 min
Delta R.T.: -0.009 min
Response: 4870090
Conc: 1038.59 ng/ml



#4 AR-1016-2

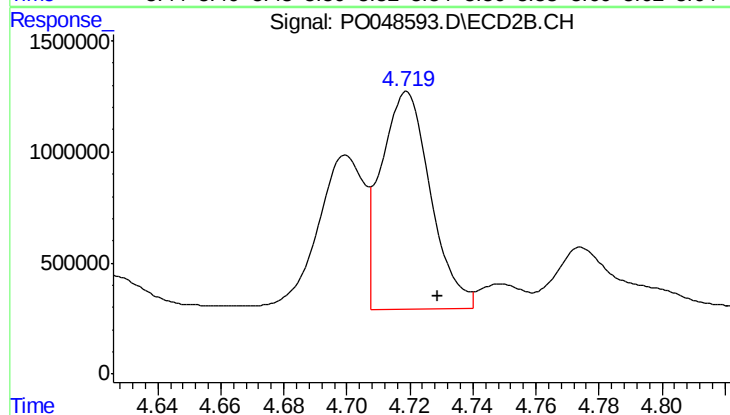
R.T.: 4.719 min
Delta R.T.: 0.009 min
Response: 10766421
Conc: 1225.65 ng/ml



#5 AR-1016-3

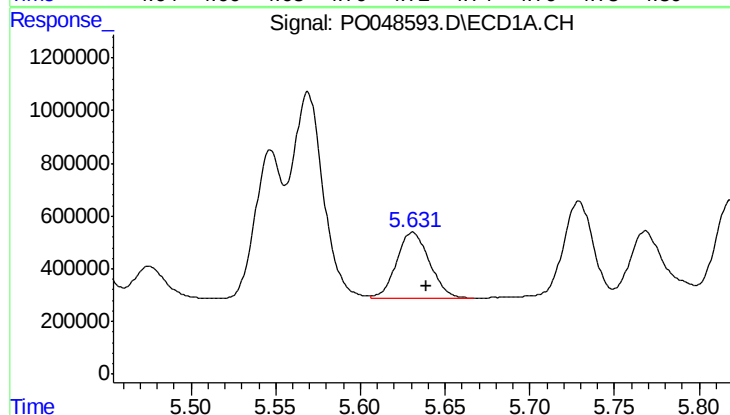
R.T.: 5.547 min
Delta R.T.: -0.009 min
Response: 6160942
Conc: 905.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



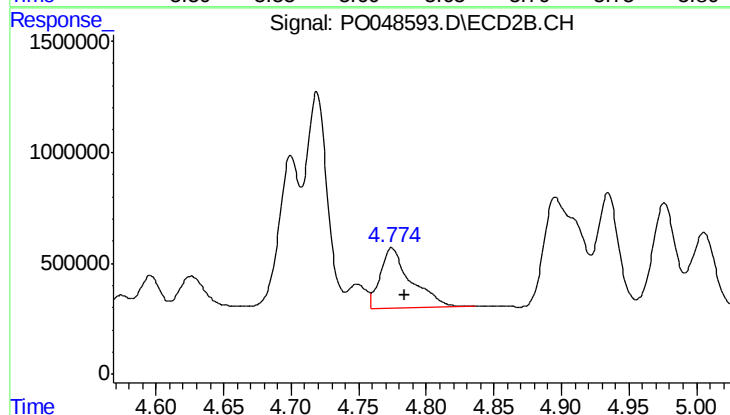
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: -0.010 min
Response: 10766421
Conc: 841.08 ng/ml



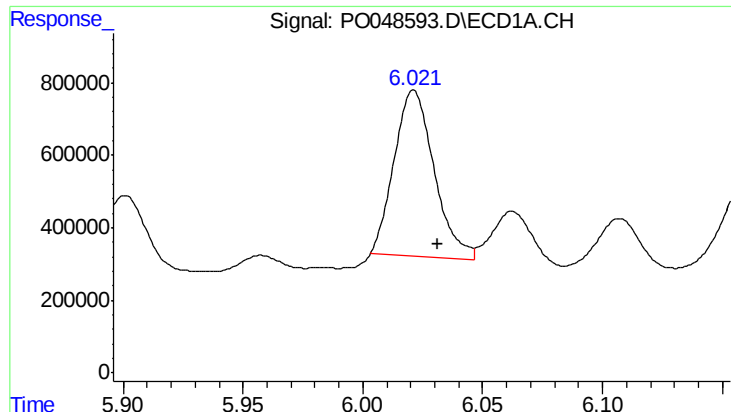
#6 AR-1016-4

R.T.: 5.631 min
Delta R.T.: -0.008 min
Response: 3430383
Conc: 564.26 ng/ml



#6 AR-1016-4

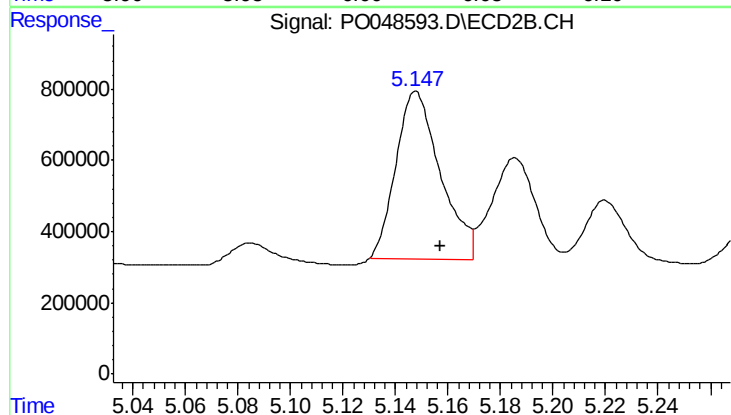
R.T.: 4.774 min
Delta R.T.: -0.010 min
Response: 4320627
Conc: 526.83 ng/ml



#7 AR-1016-5

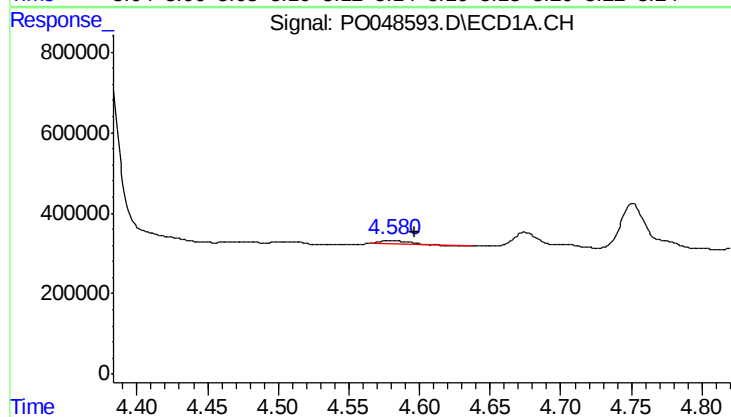
R.T.: 6.021 min
Delta R.T.: -0.010 min
Response: 5358946
Conc: 1073.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



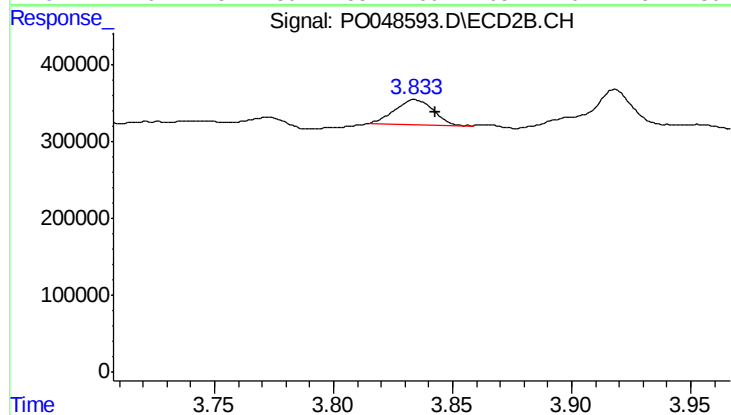
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.010 min
Response: 5537804
Conc: 749.22 ng/ml



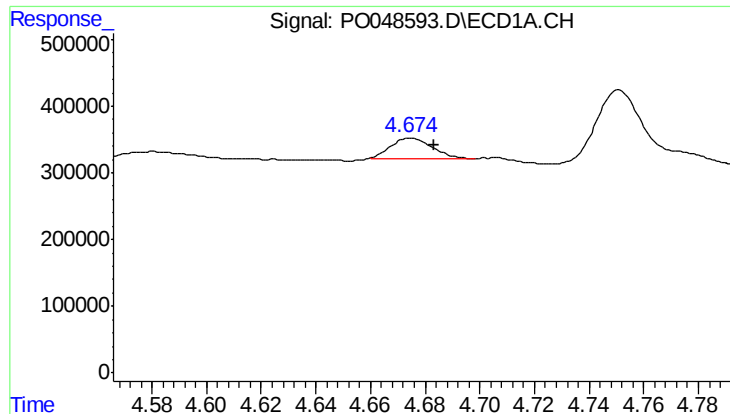
#8 AR-1221-1

R.T.: 4.580 min
Delta R.T.: -0.016 min
Response: 106908
Conc: 50.85 ng/ml



#8 AR-1221-1

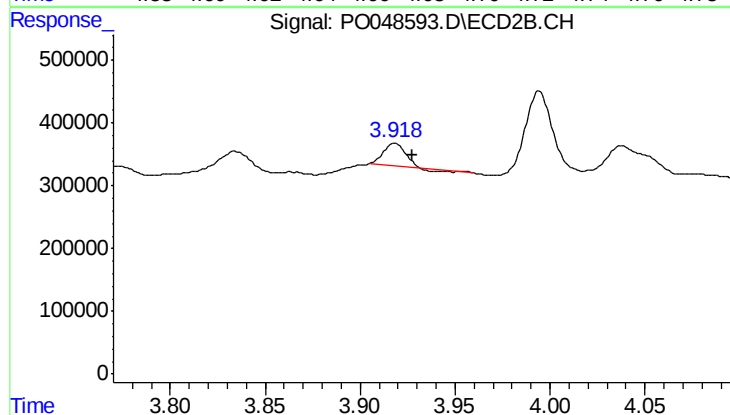
R.T.: 3.834 min
Delta R.T.: -0.008 min
Response: 352253
Conc: 133.85 ng/ml



#9 AR-1221-2

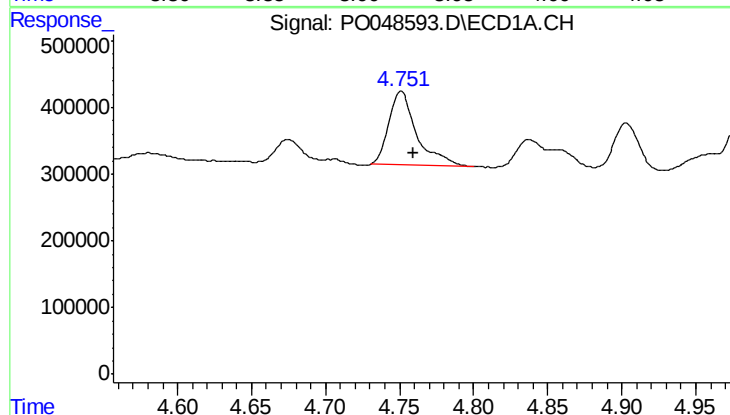
R.T.: 4.675 min
Delta R.T.: -0.009 min
Response: 323137
Conc: 213.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



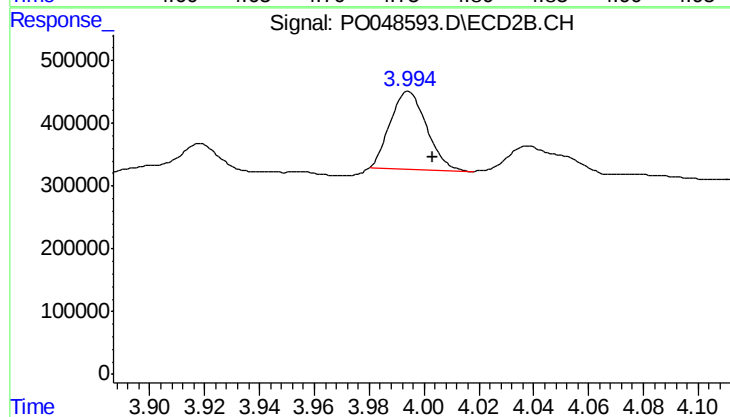
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.009 min
Response: 256715
Conc: 133.44 ng/ml



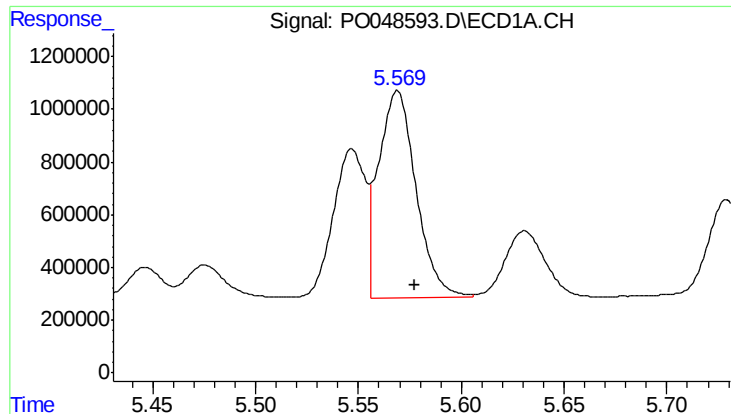
#10 AR-1221-3

R.T.: 4.751 min
Delta R.T.: -0.008 min
Response: 1452555
Conc: 292.79 ng/ml



#10 AR-1221-3

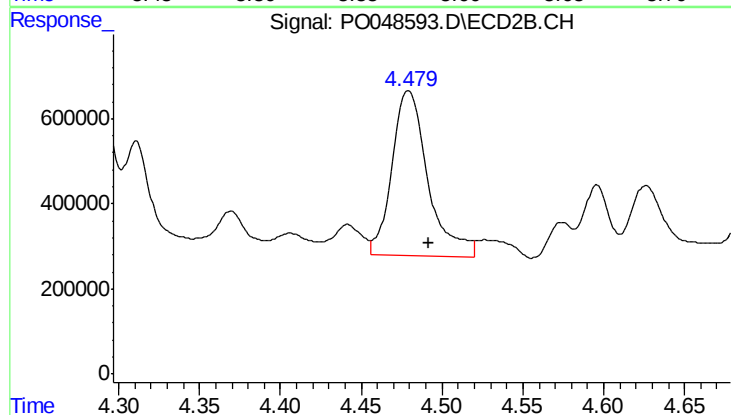
R.T.: 3.994 min
Delta R.T.: -0.009 min
Response: 1133817
Conc: 181.83 ng/ml



#11 AR-1232-1

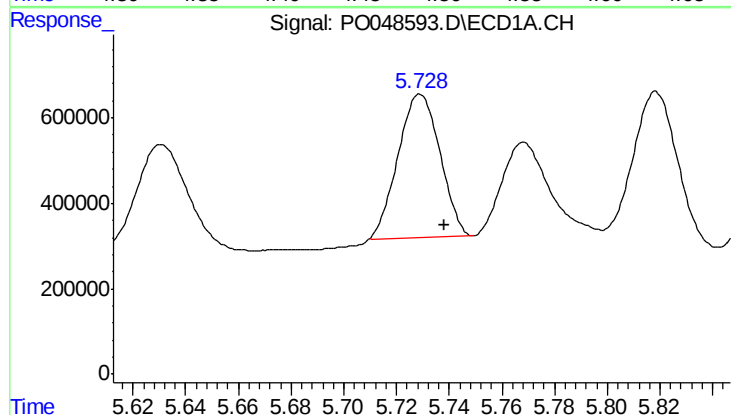
R.T.: 5.569 min
Delta R.T.: -0.009 min
Response: 10090937
Conc: 2245.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



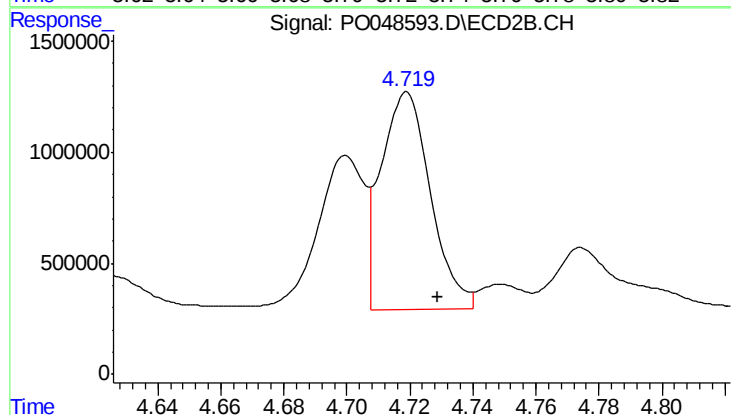
#11 AR-1232-1

R.T.: 4.479 min
Delta R.T.: -0.012 min
Response: 5986732
Conc: 2051.31 ng/ml



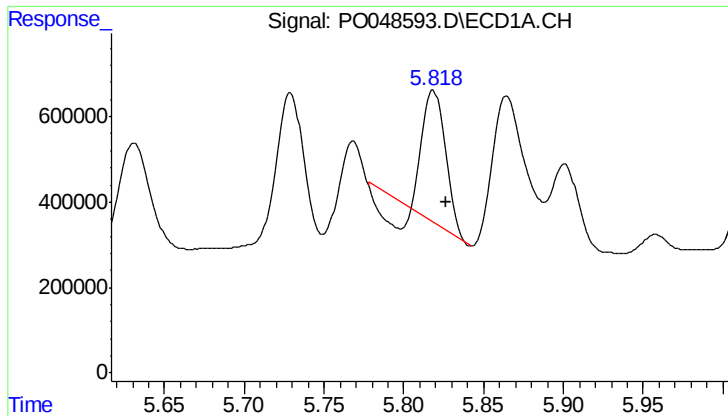
#12 AR-1232-2

R.T.: 5.729 min
Delta R.T.: -0.009 min
Response: 3713253
Conc: 1634.45 ng/ml



#12 AR-1232-2

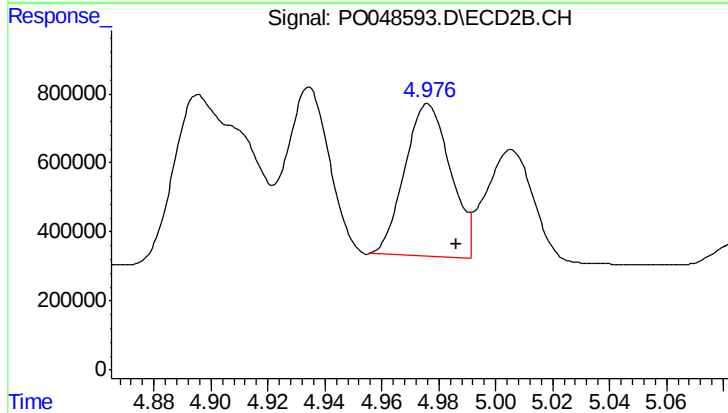
R.T.: 4.719 min
Delta R.T.: -0.010 min
Response: 10766421
Conc: 1797.99 ng/ml



#13 AR-1232-3

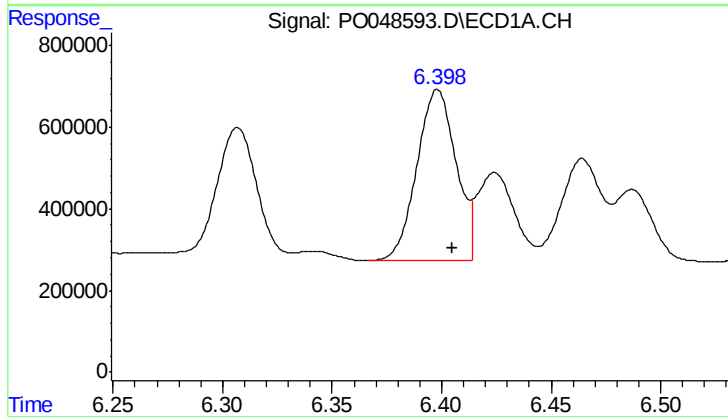
R.T.: 5.818 min
Delta R.T.: -0.008 min
Response: 2658205
Conc: 1580.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



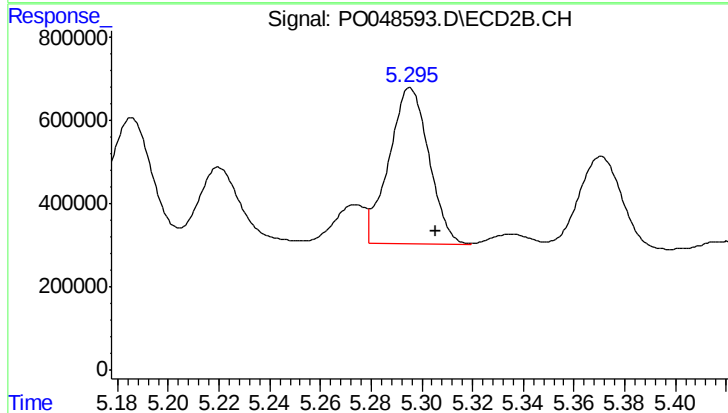
#13 AR-1232-3

R.T.: 4.976 min
Delta R.T.: -0.010 min
Response: 4933795
Conc: 1877.24 ng/ml



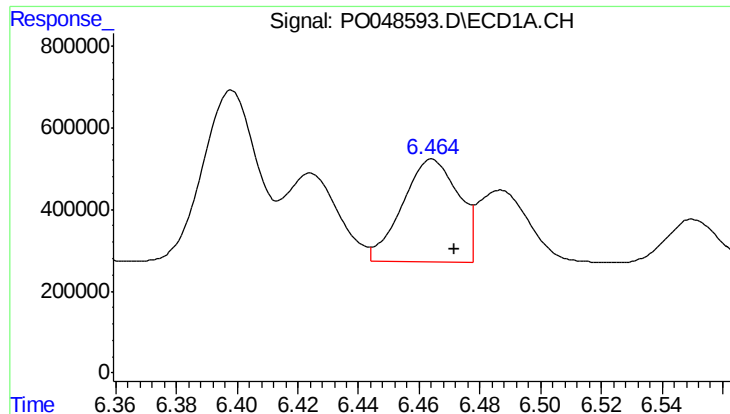
#14 AR-1232-4

R.T.: 6.398 min
Delta R.T.: -0.007 min
Response: 5179917
Conc: 3198.03 ng/ml



#14 AR-1232-4

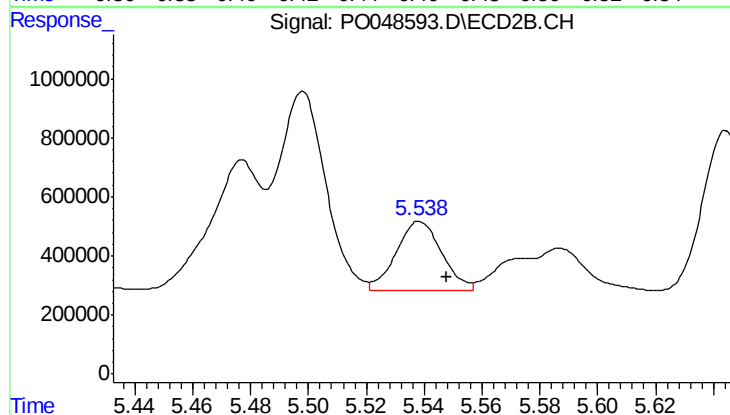
R.T.: 5.295 min
Delta R.T.: -0.010 min
Response: 4113297
Conc: 1482.69 ng/ml



#15 AR-1232-5

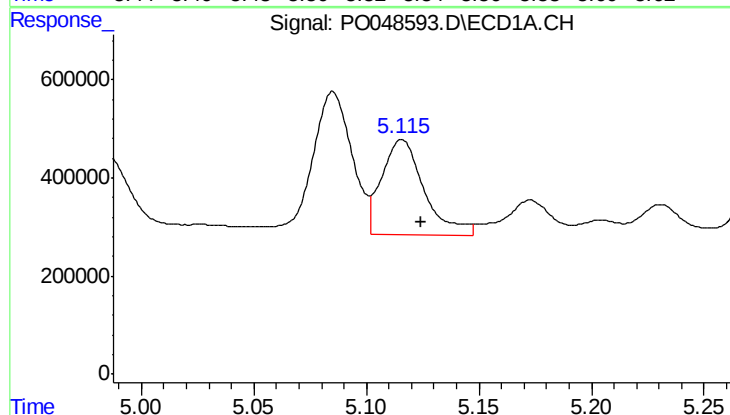
R.T.: 6.464 min
Delta R.T.: -0.007 min
Response: 3206498
Conc: 1362.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



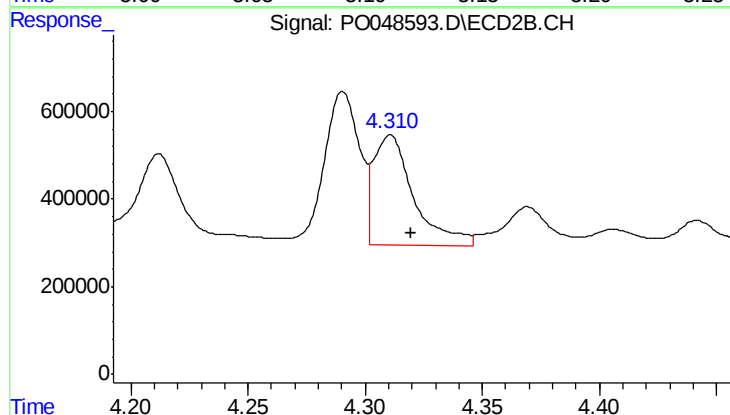
#15 AR-1232-5

R.T.: 5.538 min
Delta R.T.: -0.010 min
Response: 2536675
Conc: 824.08 ng/ml



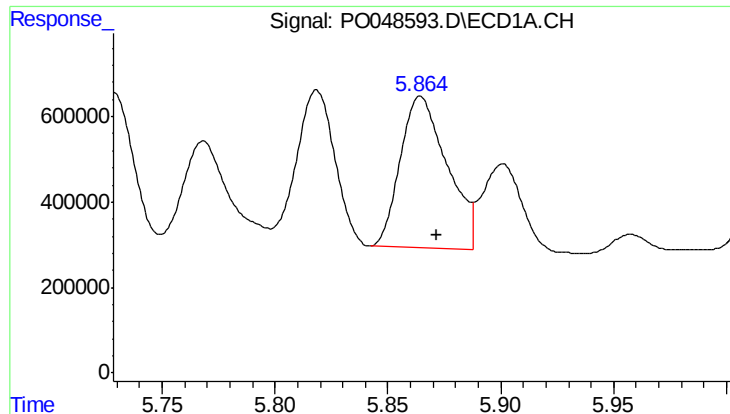
#16 AR-1242-1

R.T.: 5.116 min
Delta R.T.: -0.009 min
Response: 2552061
Conc: 1065.31 ng/ml



#16 AR-1242-1

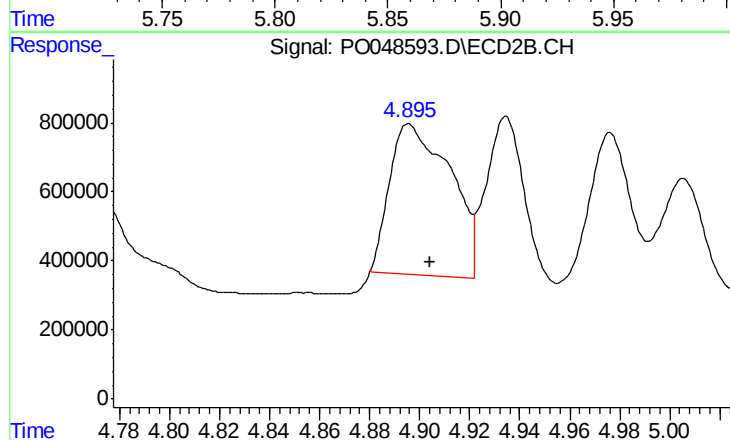
R.T.: 4.311 min
Delta R.T.: -0.009 min
Response: 3001018
Conc: 858.16 ng/ml



#17 AR-1242-2

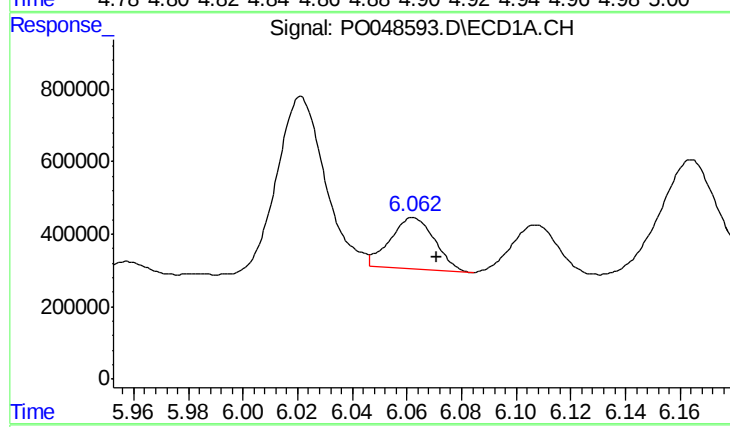
R.T.: 5.864 min
Delta R.T.: -0.007 min
Response: 5123757
Conc: 1413.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



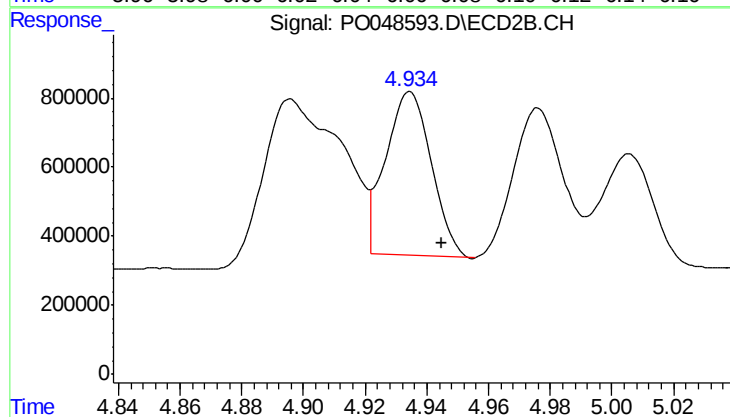
#17 AR-1242-2

R.T.: 4.896 min
Delta R.T.: -0.009 min
Response: 7348179
Conc: 1343.37 ng/ml



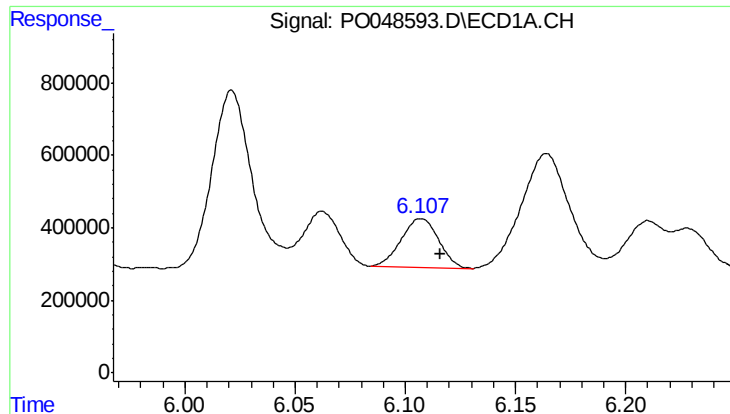
#18 AR-1242-3

R.T.: 6.062 min
Delta R.T.: -0.009 min
Response: 1603387
Conc: 929.20 ng/ml



#18 AR-1242-3

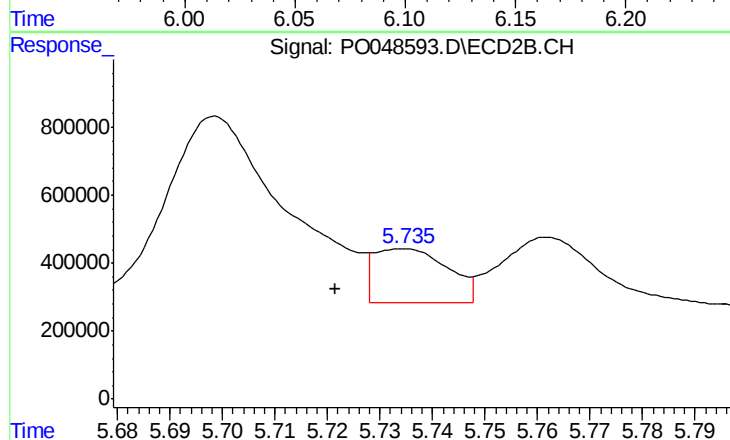
R.T.: 4.935 min
Delta R.T.: -0.010 min
Response: 4906585
Conc: 1169.20 ng/ml



#19 AR-1242-4

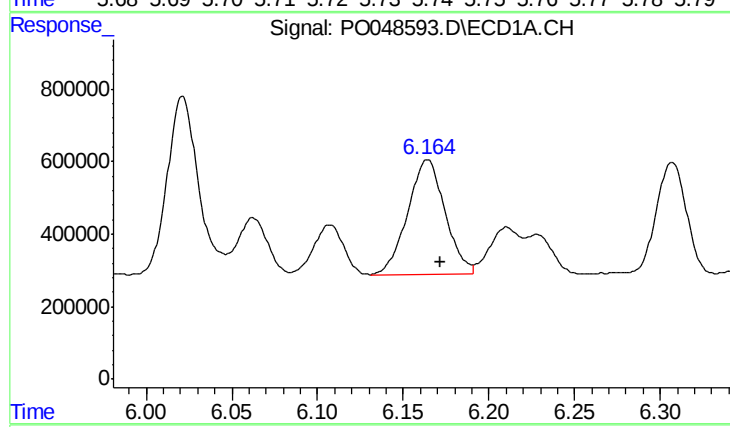
R.T.: 6.107 min
Delta R.T.: -0.009 min
Response: 1559533
Conc: 1208.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



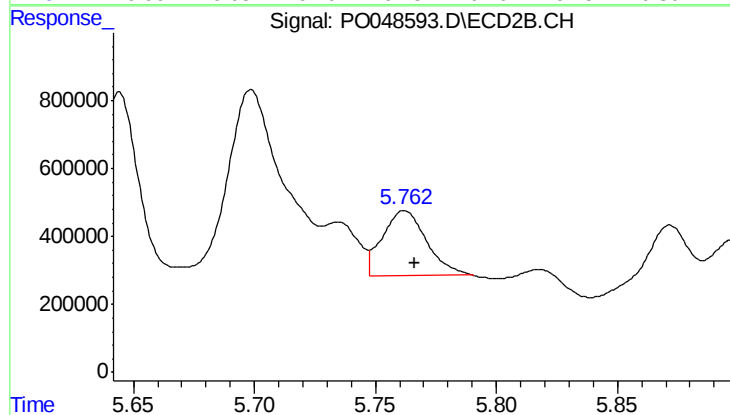
#19 AR-1242-4

R.T.: 5.735 min
Delta R.T.: 0.013 min
Response: 1543881
Conc: 350.25 ng/ml



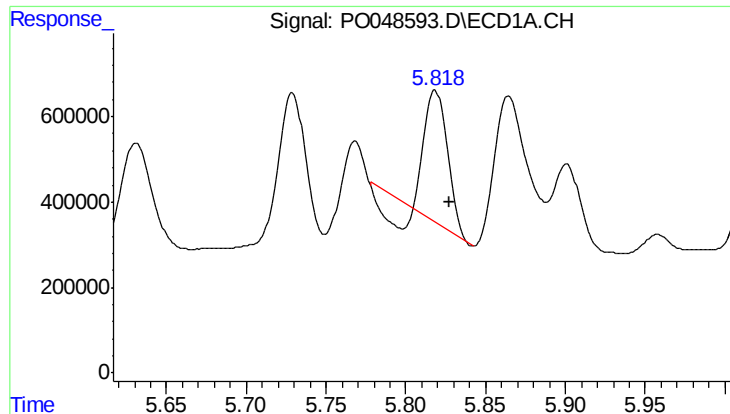
#20 AR-1242-5

R.T.: 6.164 min
Delta R.T.: -0.008 min
Response: 4799719
Conc: 1074.08 ng/ml



#20 AR-1242-5

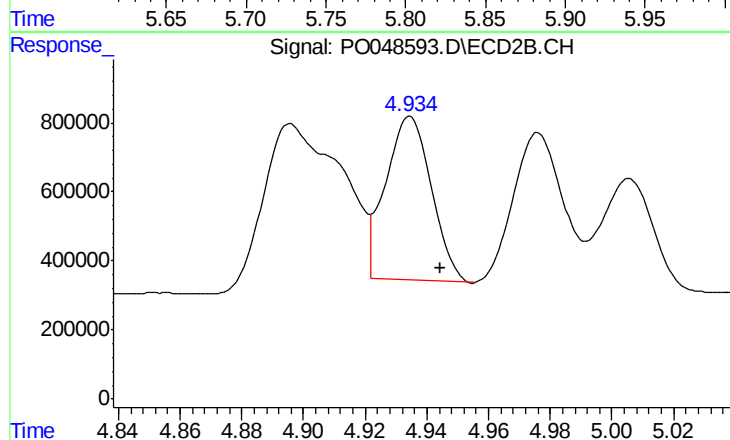
R.T.: 5.762 min
Delta R.T.: -0.004 min
Response: 2387581
Conc: 649.48 ng/ml



#21 AR-1248-1

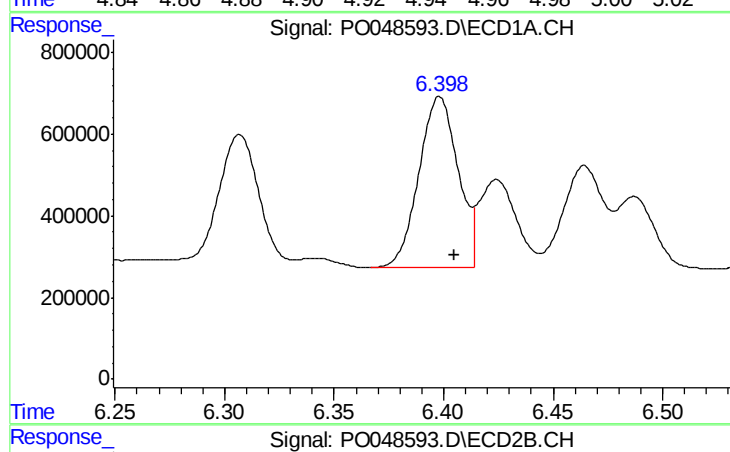
R.T.: 5.818 min
Delta R.T.: -0.008 min
Response: 2658205
Conc: 450.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



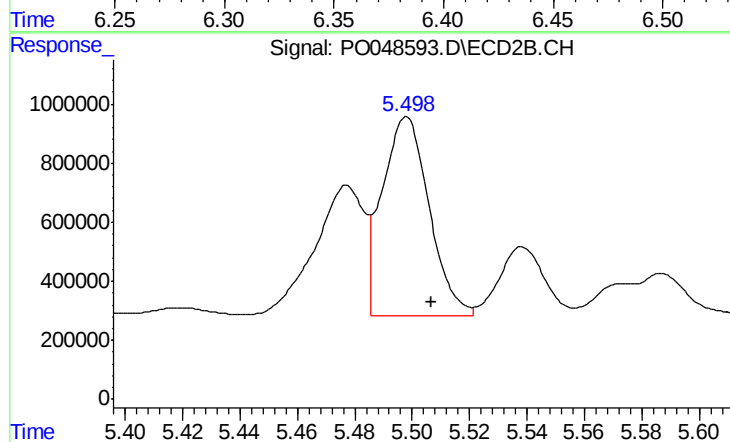
#21 AR-1248-1

R.T.: 4.935 min
Delta R.T.: -0.010 min
Response: 4906585
Conc: 647.47 ng/ml



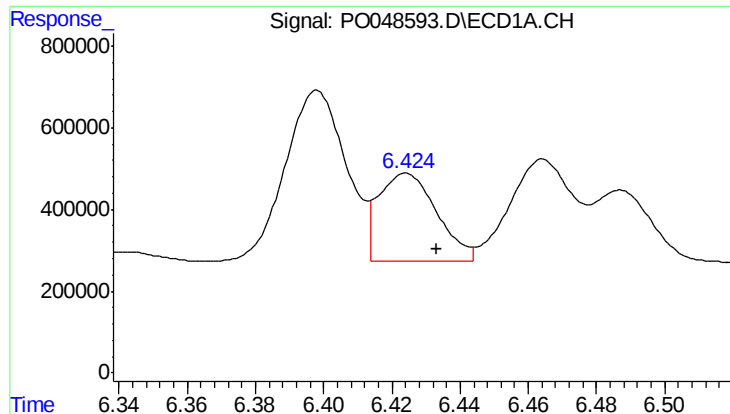
#22 AR-1248-2

R.T.: 6.398 min
Delta R.T.: -0.007 min
Response: 5179917
Conc: 891.21 ng/ml



#22 AR-1248-2

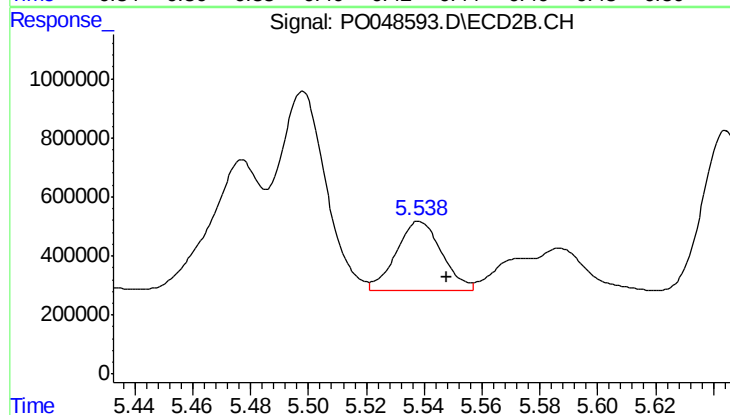
R.T.: 5.498 min
Delta R.T.: -0.009 min
Response: 7676971
Conc: 583.11 ng/ml



#23 AR-1248-3

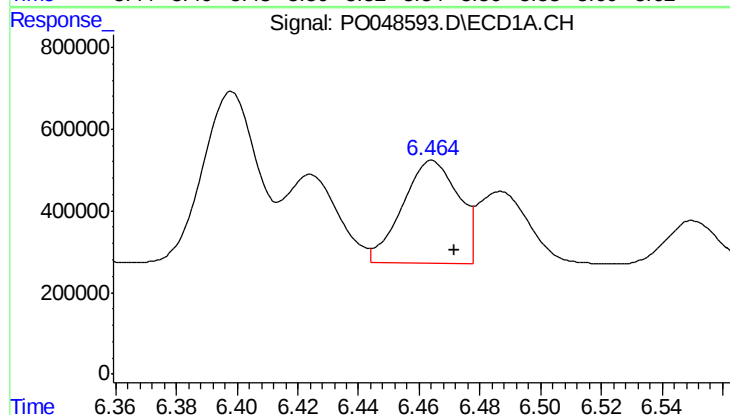
R.T.: 6.424 min
Delta R.T.: -0.009 min
Response: 2565361
Conc: 332.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



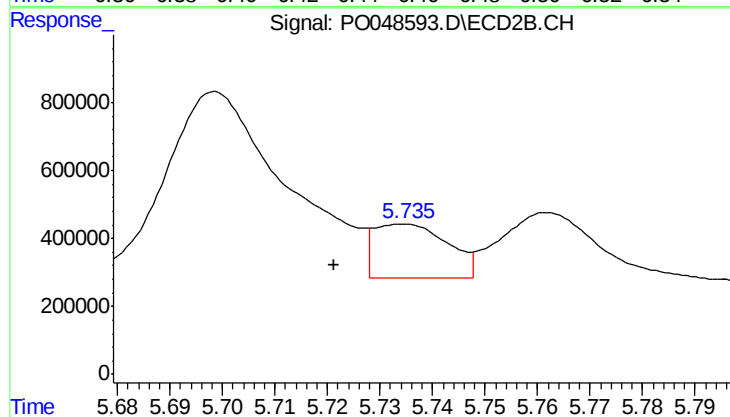
#23 AR-1248-3

R.T.: 5.538 min
Delta R.T.: -0.009 min
Response: 2536675
Conc: 278.04 ng/ml



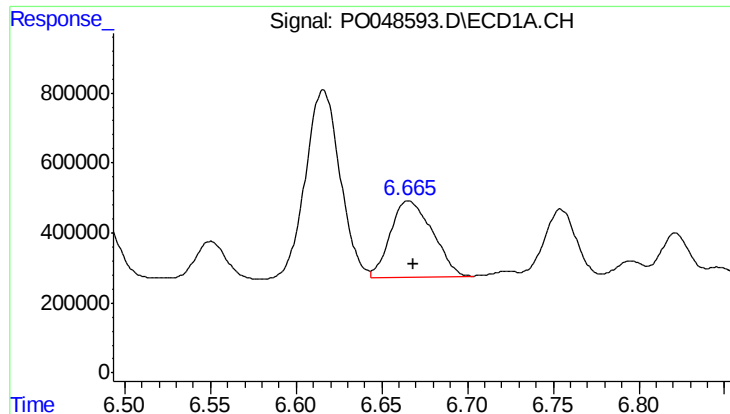
#24 AR-1248-4

R.T.: 6.464 min
Delta R.T.: -0.007 min
Response: 3206498
Conc: 437.74 ng/ml



#24 AR-1248-4

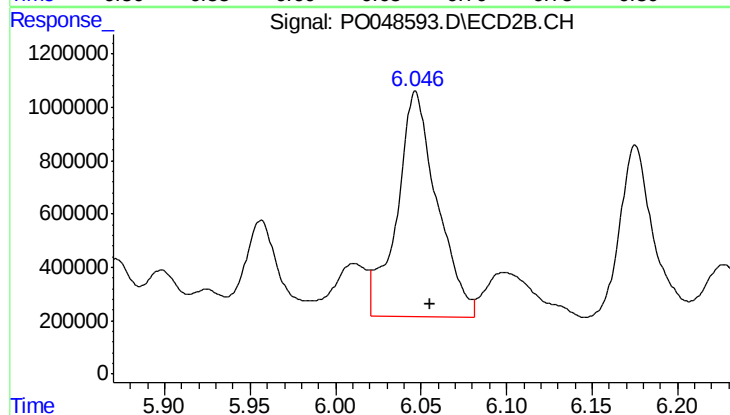
R.T.: 5.735 min
Delta R.T.: 0.013 min
Response: 1543881
Conc: 195.61 ng/ml



#25 AR-1248-5

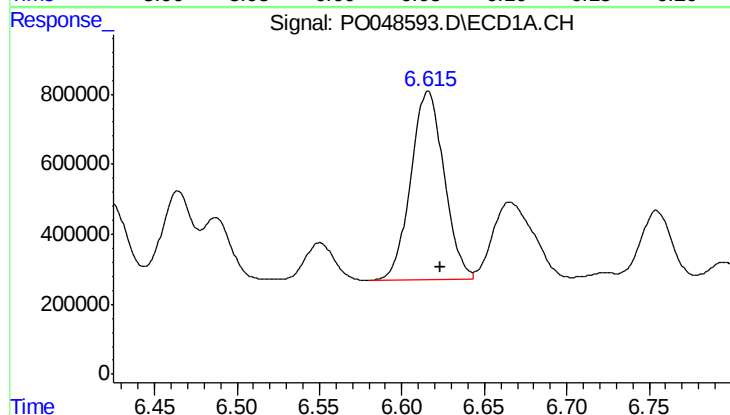
R.T.: 6.666 min
Delta R.T.: -0.002 min
Response: 3697961
Conc: 764.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



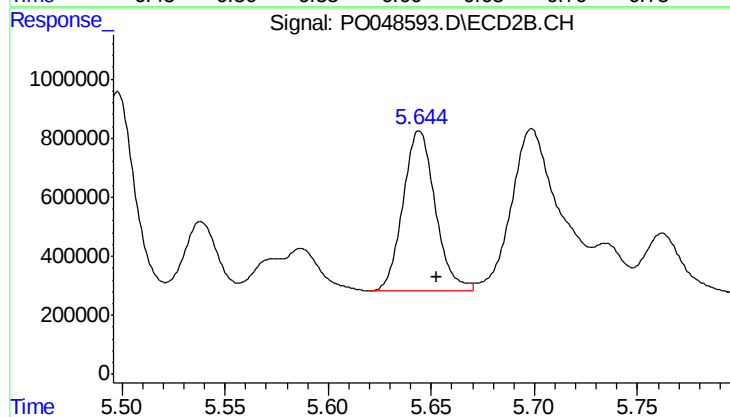
#25 AR-1248-5

R.T.: 6.047 min
Delta R.T.: -0.009 min
Response: 13779061
Conc: 2298.77 ng/ml



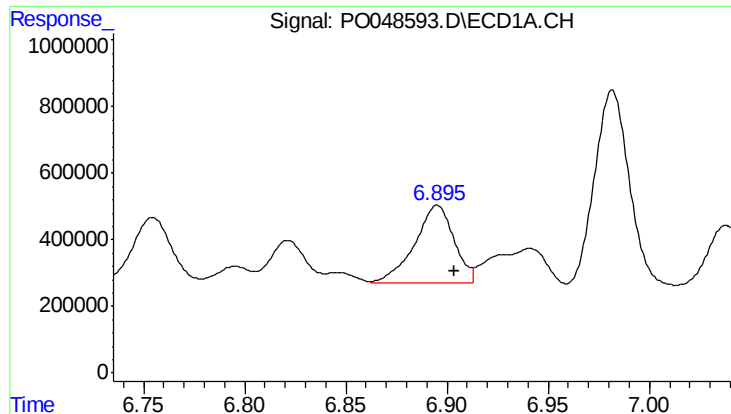
#26 AR-1254-1

R.T.: 6.616 min
Delta R.T.: -0.008 min
Response: 7567316
Conc: 557.45 ng/ml



#26 AR-1254-1

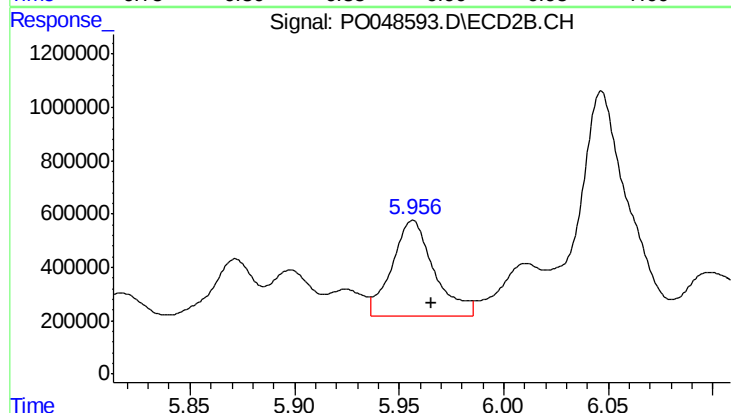
R.T.: 5.644 min
Delta R.T.: -0.008 min
Response: 5919322
Conc: 411.42 ng/ml



#27 AR-1254-2

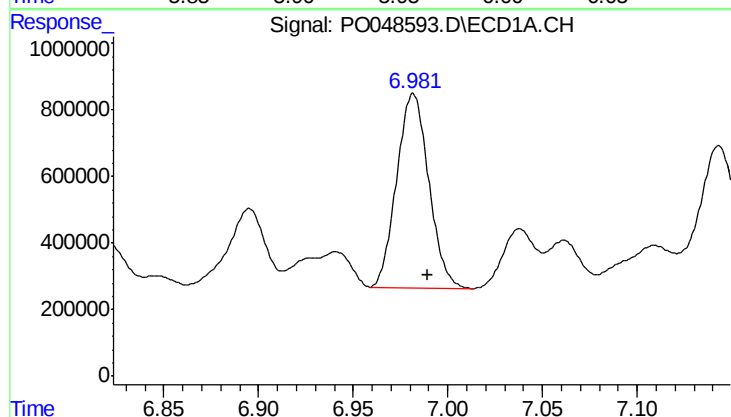
R.T.: 6.895 min
Delta R.T.: -0.008 min
Response: 3183872
Conc: 385.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



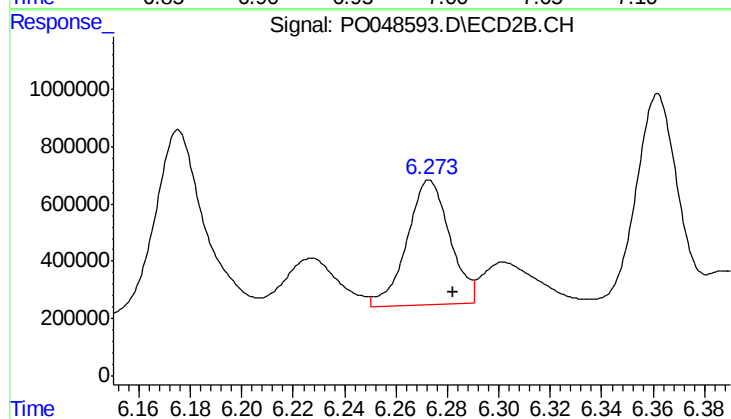
#27 AR-1254-2

R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 5066334
Conc: 437.44 ng/ml



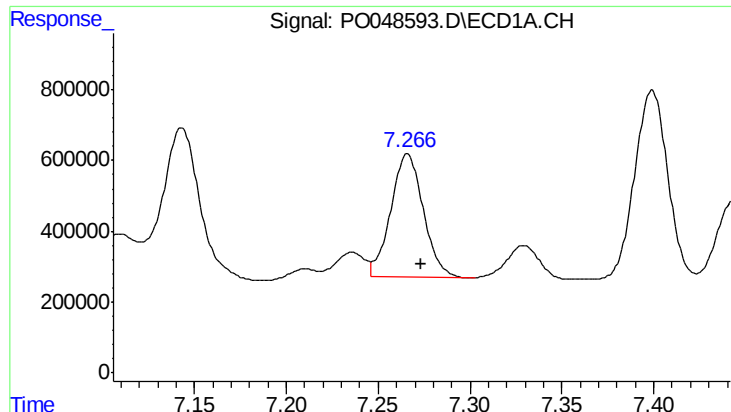
#28 AR-1254-3

R.T.: 6.982 min
Delta R.T.: -0.008 min
Response: 6884690
Conc: 479.83 ng/ml



#28 AR-1254-3

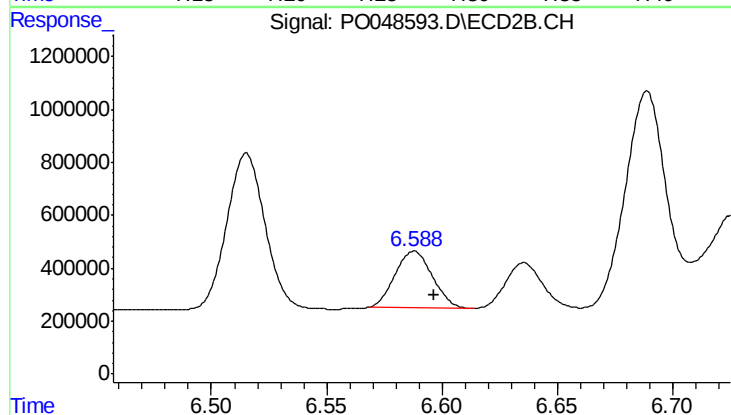
R.T.: 6.273 min
Delta R.T.: -0.009 min
Response: 5017777
Conc: 342.56 ng/ml



#29 AR-1254-4

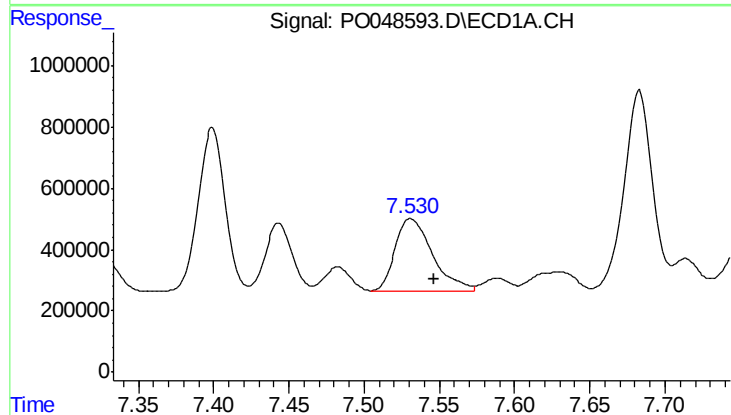
R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 4313652
Conc: 392.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



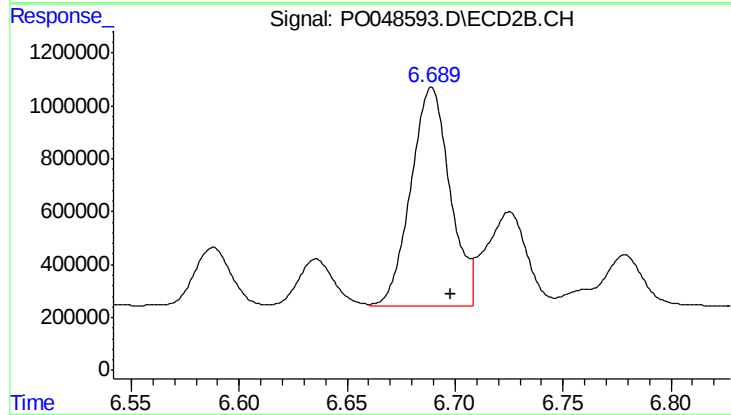
#29 AR-1254-4

R.T.: 6.588 min
Delta R.T.: -0.008 min
Response: 2400204
Conc: 243.90 ng/ml



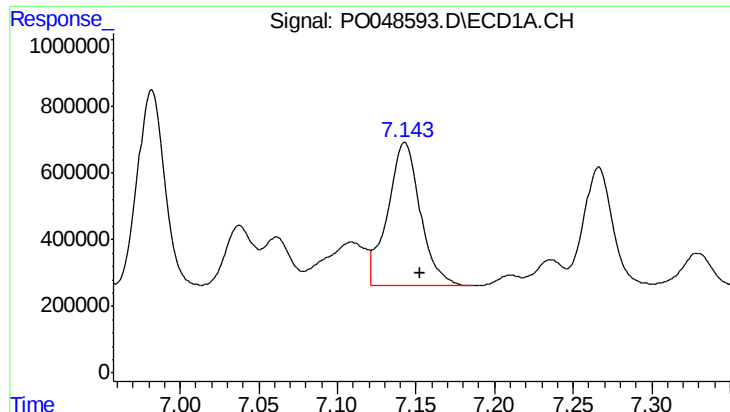
#30 AR-1254-5

R.T.: 7.531 min
Delta R.T.: -0.016 min
Response: 4134304
Conc: 507.30 ng/ml



#30 AR-1254-5

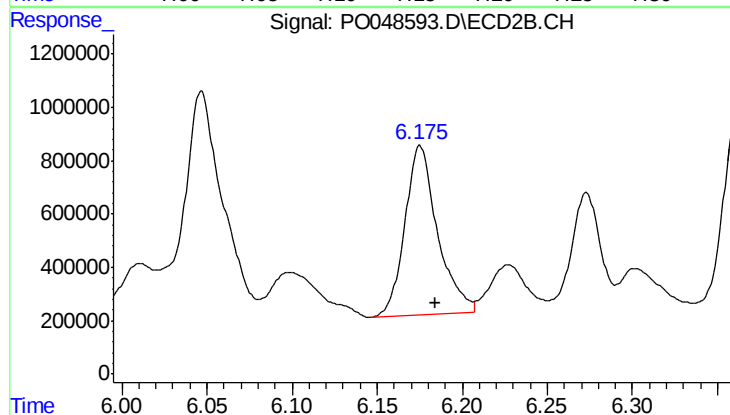
R.T.: 6.689 min
Delta R.T.: -0.009 min
Response: 10469932
Conc: 537.27 ng/ml



#31 AR-1260-1

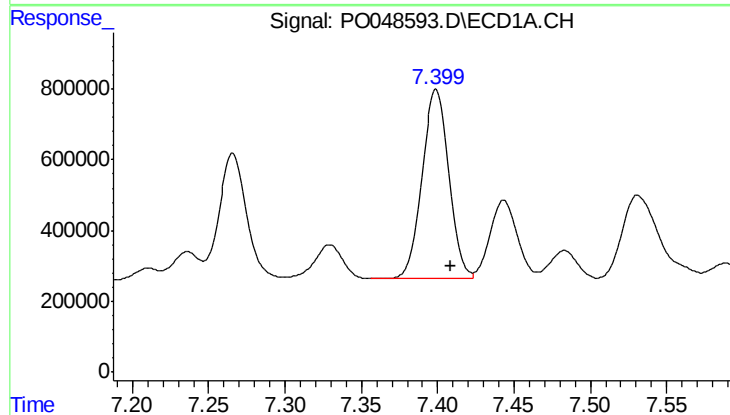
R.T.: 7.143 min
Delta R.T.: -0.010 min
Response: 6279803
Conc: 630.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



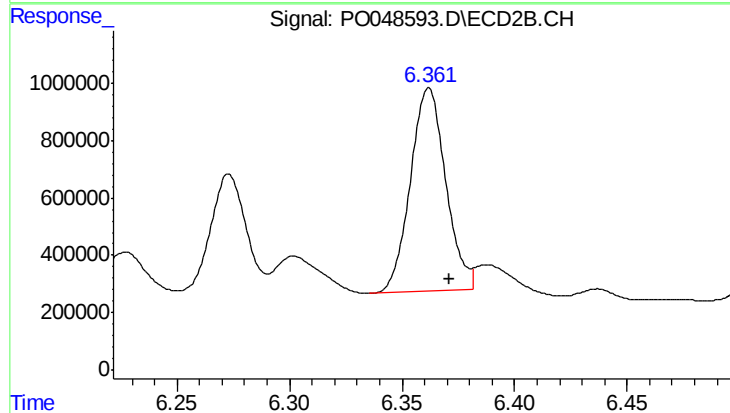
#31 AR-1260-1

R.T.: 6.175 min
Delta R.T.: -0.009 min
Response: 8500995
Conc: 613.85 ng/ml



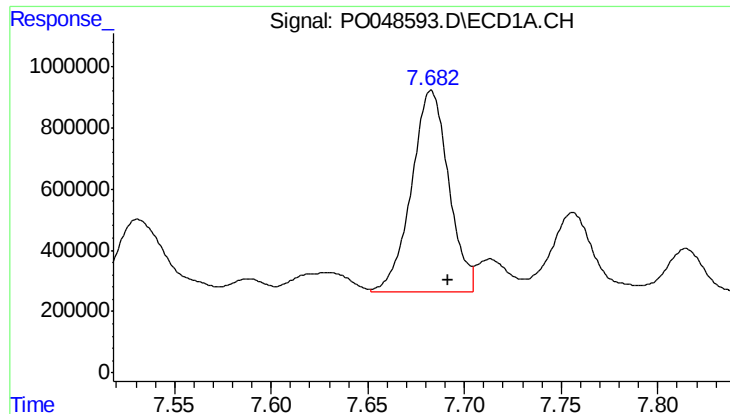
#32 AR-1260-2

R.T.: 7.399 min
Delta R.T.: -0.009 min
Response: 6716497
Conc: 560.69 ng/ml



#32 AR-1260-2

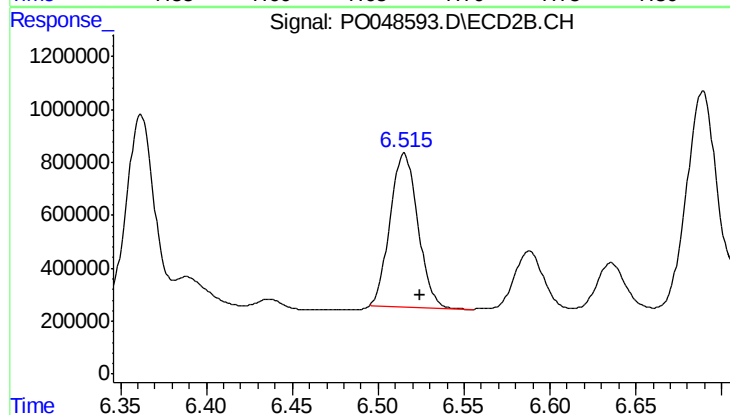
R.T.: 6.362 min
Delta R.T.: -0.009 min
Response: 7706582
Conc: 439.29 ng/ml



#33 AR-1260-3

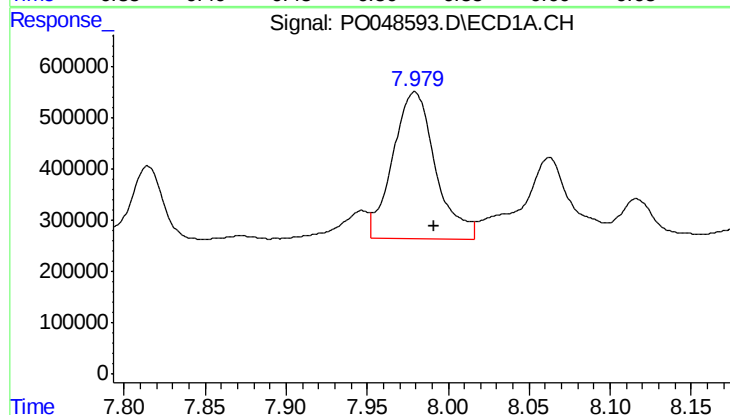
R.T.: 7.683 min
Delta R.T.: -0.009 min
Response: 8838674
Conc: 644.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



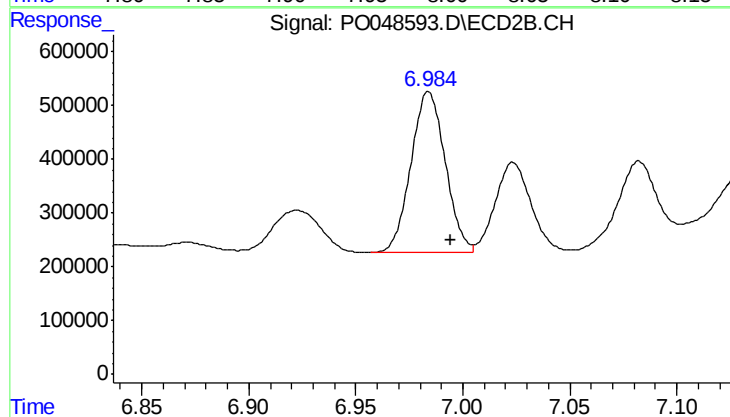
#33 AR-1260-3

R.T.: 6.515 min
Delta R.T.: -0.009 min
Response: 6501137
Conc: 423.99 ng/ml



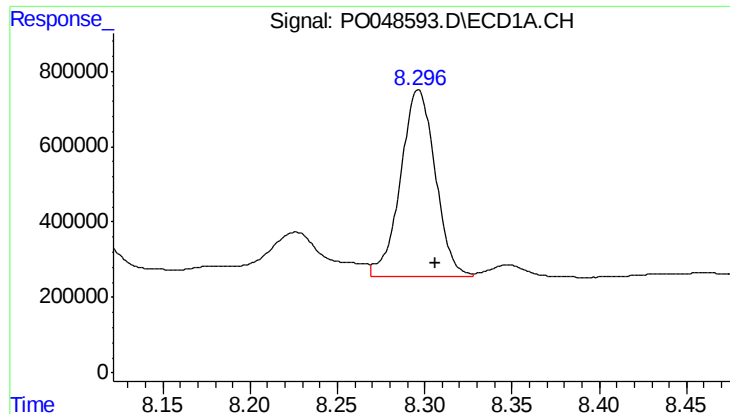
#34 AR-1260-4

R.T.: 7.980 min
Delta R.T.: -0.012 min
Response: 5221452
Conc: 527.39 ng/ml



#34 AR-1260-4

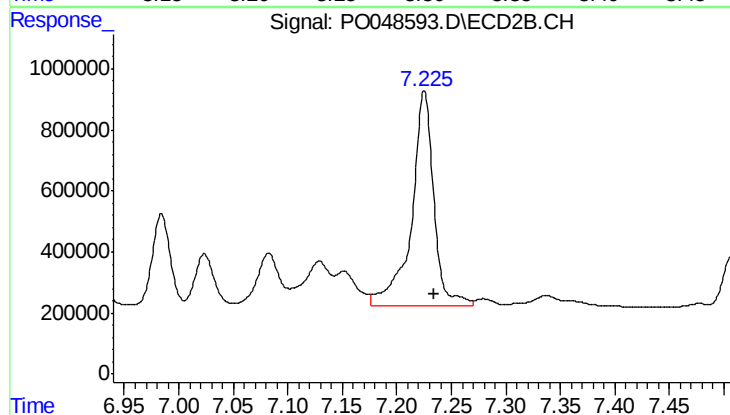
R.T.: 6.984 min
Delta R.T.: -0.010 min
Response: 3358703
Conc: 288.55 ng/ml



#35 AR-1260-5

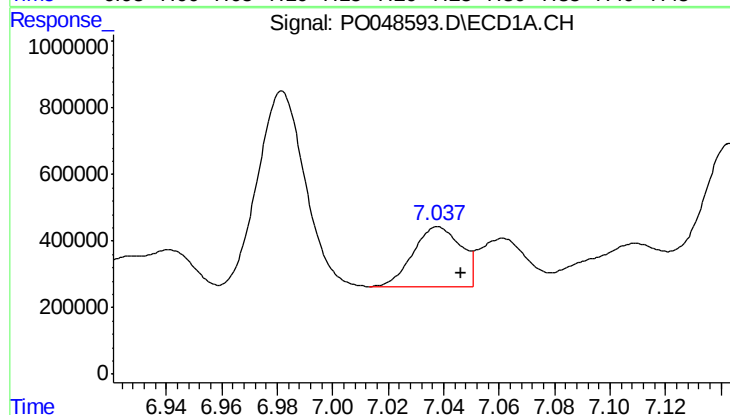
R.T.: 8.296 min
Delta R.T.: -0.010 min
Response: 6849359
Conc: 358.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



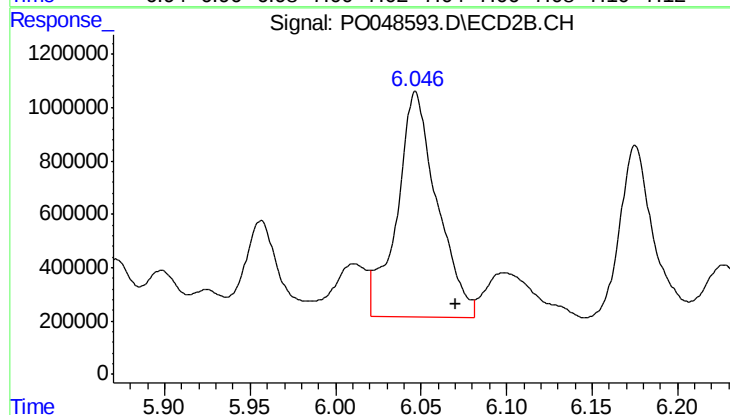
#35 AR-1260-5

R.T.: 7.225 min
Delta R.T.: -0.009 min
Response: 10181976
Conc: 376.02 ng/ml



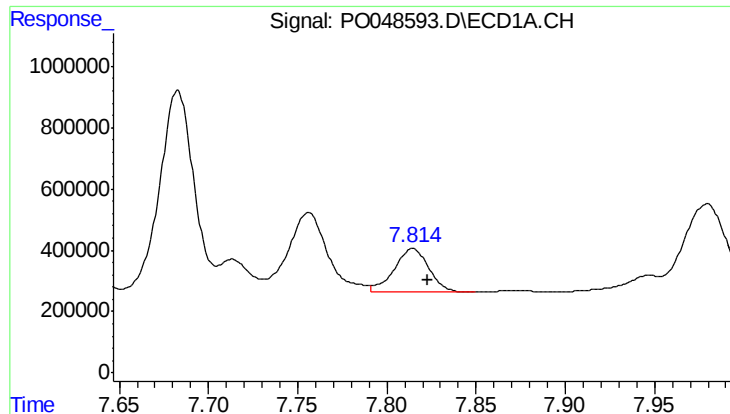
#36 AR-1262-1

R.T.: 7.038 min
Delta R.T.: -0.008 min
Response: 2145214
Conc: 274.68 ng/ml



#36 AR-1262-1

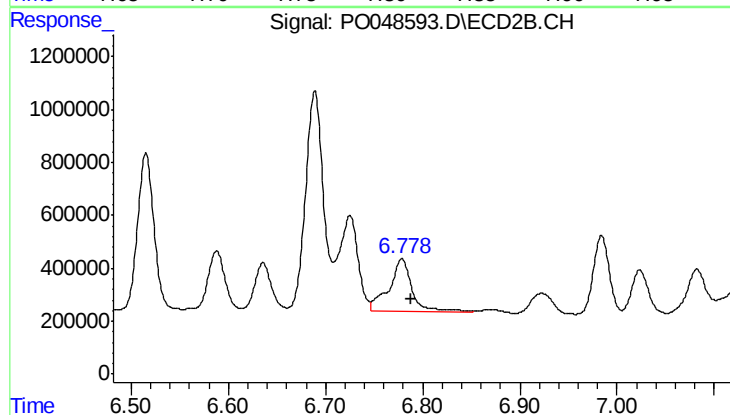
R.T.: 6.047 min
Delta R.T.: -0.024 min
Response: 13779061
Conc: 1296.29 ng/ml



#37 AR-1262-2

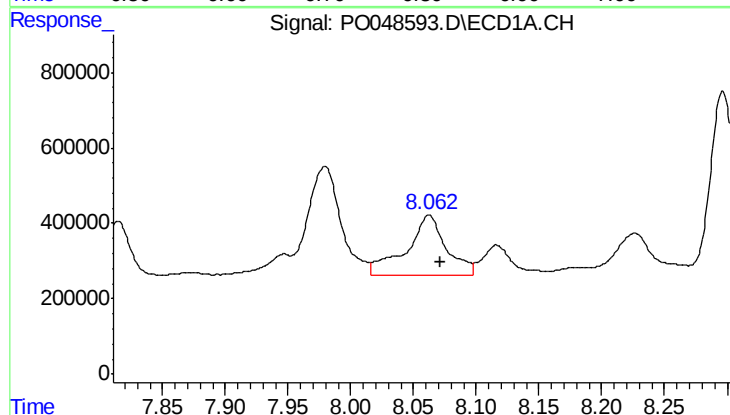
R.T.: 7.815 min
Delta R.T.: -0.008 min
Response: 1940632
Conc: 301.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



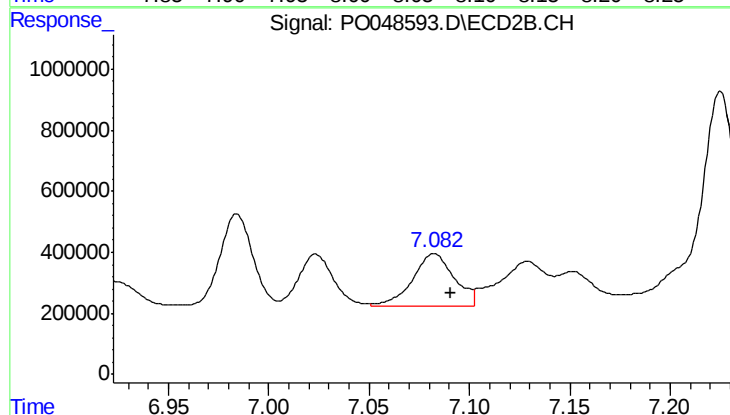
#37 AR-1262-2

R.T.: 6.779 min
Delta R.T.: -0.009 min
Response: 3312443
Conc: 346.52 ng/ml



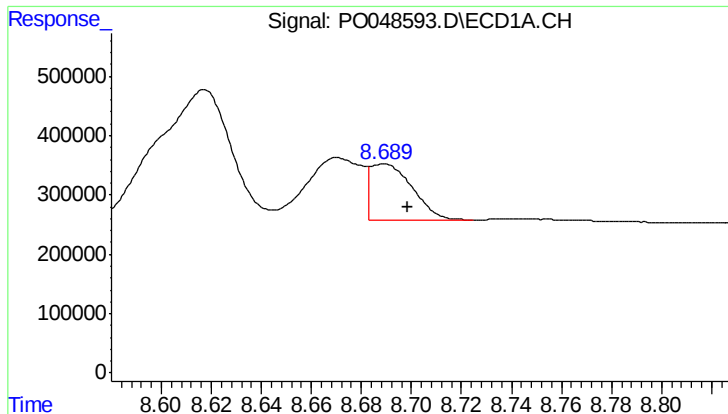
#38 AR-1262-3

R.T.: 8.062 min
Delta R.T.: -0.009 min
Response: 3542014
Conc: 512.99 ng/ml



#38 AR-1262-3

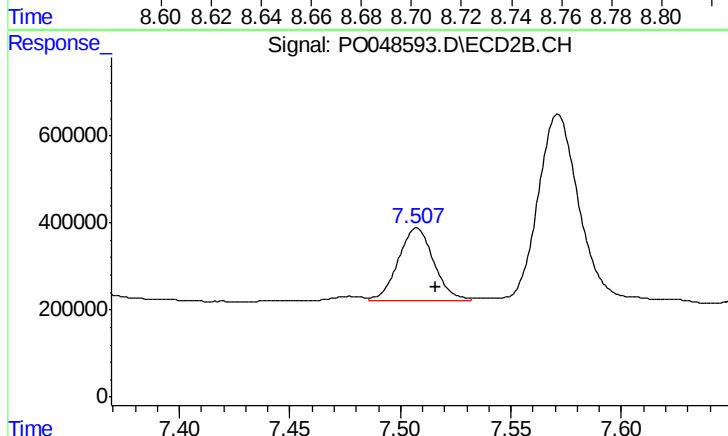
R.T.: 7.082 min
Delta R.T.: -0.009 min
Response: 2461638
Conc: 260.72 ng/ml



#39 AR-1262-4

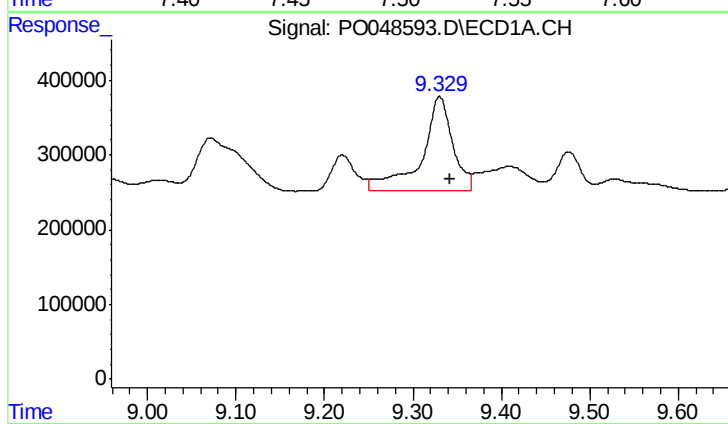
R.T.: 8.689 min
Delta R.T.: -0.010 min
Response: 1102545
Conc: 80.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



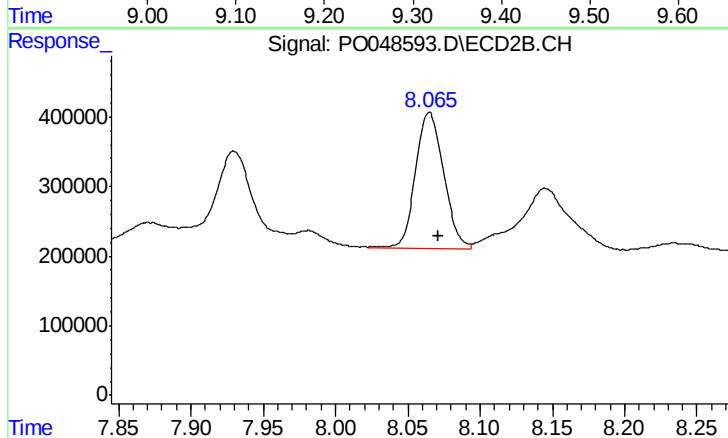
#39 AR-1262-4

R.T.: 7.507 min
Delta R.T.: -0.009 min
Response: 1866755
Conc: 138.72 ng/ml



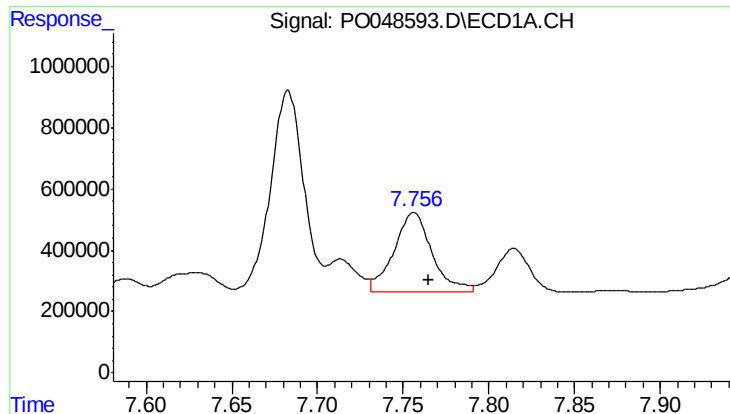
#40 AR-1262-5

R.T.: 9.330 min
Delta R.T.: -0.012 min
Response: 3149389
Conc: 340.61 ng/ml



#40 AR-1262-5

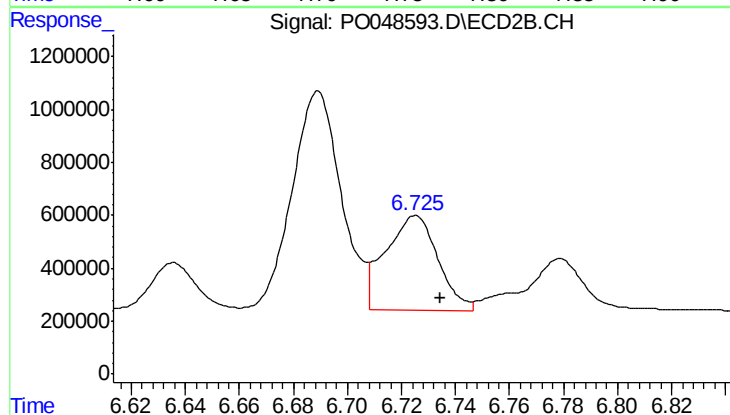
R.T.: 8.065 min
Delta R.T.: -0.007 min
Response: 2632325
Conc: 255.57 ng/ml



#41 AR-1268-1

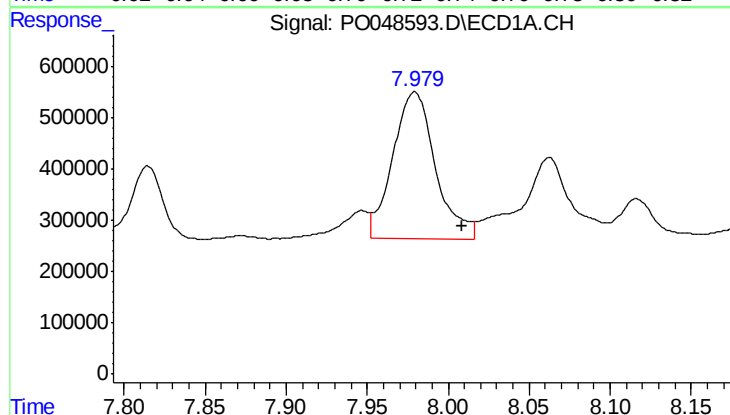
R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 4046223
Conc: 762.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



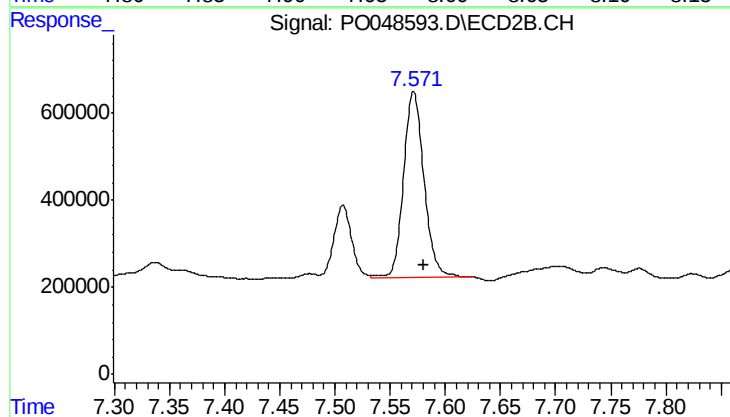
#41 AR-1268-1

R.T.: 6.725 min
Delta R.T.: -0.009 min
Response: 4826178
Conc: 623.93 ng/ml



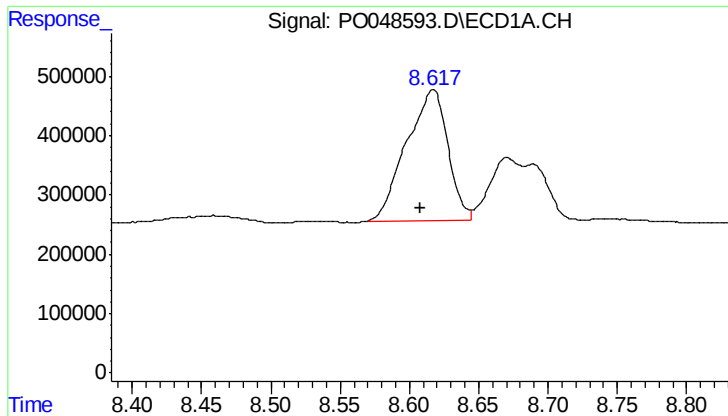
#42 AR-1268-2

R.T.: 7.980 min
Delta R.T.: -0.029 min
Response: 5221452
Conc: 764.65 ng/ml



#42 AR-1268-2

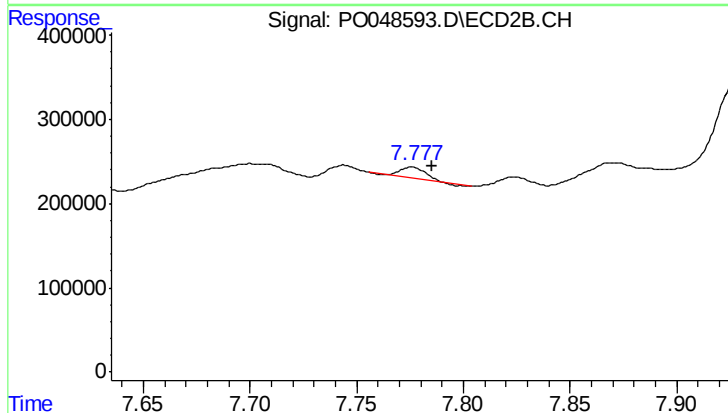
R.T.: 7.571 min
Delta R.T.: -0.009 min
Response: 5500331
Conc: 182.23 ng/ml



#43 AR-1268-3

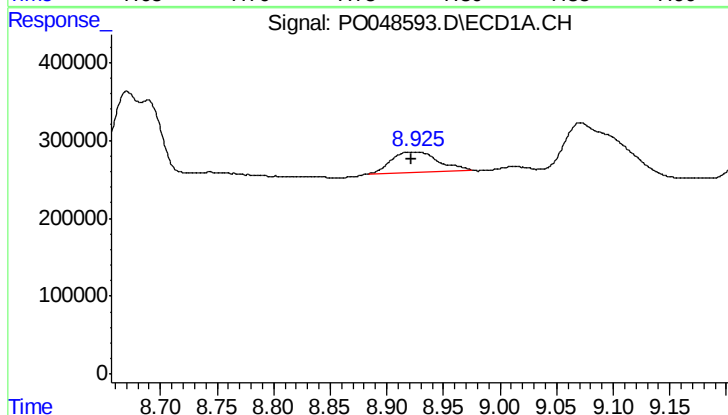
R.T.: 8.617 min
Delta R.T.: 0.009 min
Response: 4594557
Conc: 178.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



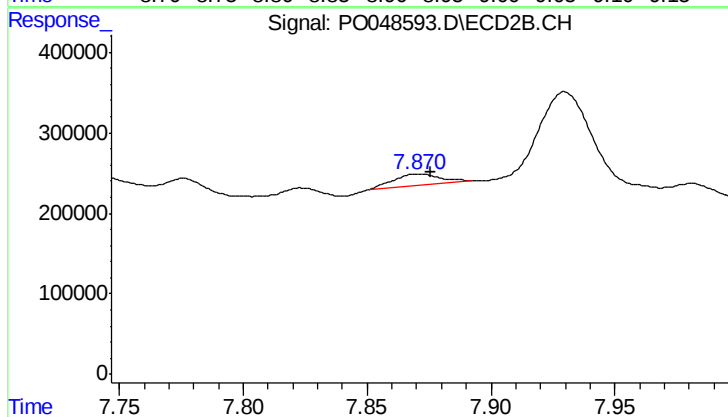
#43 AR-1268-3

R.T.: 7.776 min
Delta R.T.: -0.009 min
Response: 93183
Conc: 3.75 ng/ml



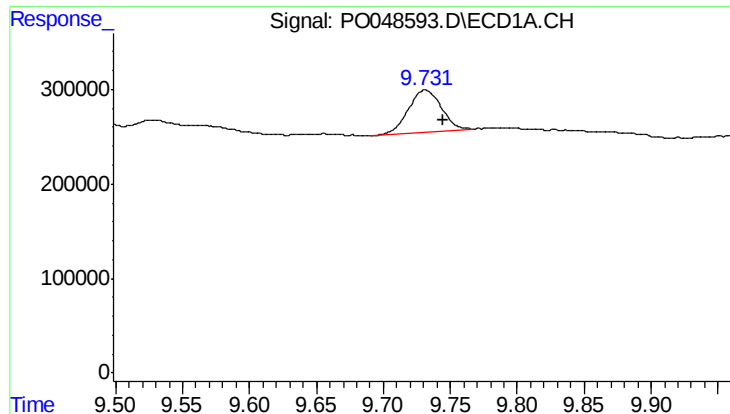
#44 AR-1268-4

R.T.: 8.925 min
Delta R.T.: 0.003 min
Response: 744968
Conc: 36.18 ng/ml



#44 AR-1268-4

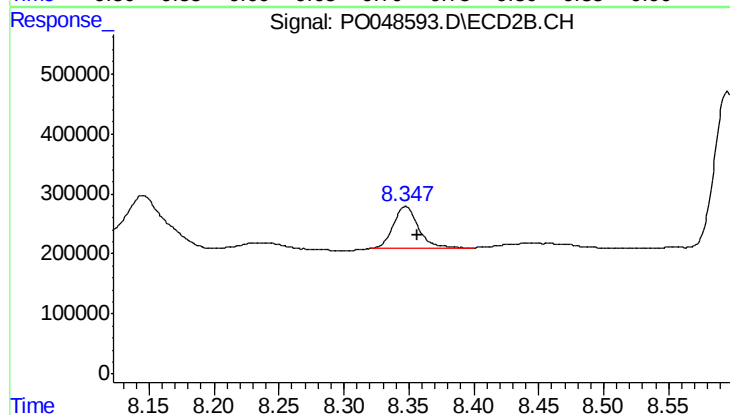
R.T.: 7.871 min
Delta R.T.: -0.005 min
Response: 185302
Conc: 28.32 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: -0.013 min
Response: 750657
Conc: 12.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.347 min
Delta R.T.: -0.009 min
Response: 944962
Conc: 15.18 ng/ml