

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051822\
 Data File : P0086126.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 May 2022 11:40
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 14:49:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 12 05:35:26 2022
 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...	4.488	3.677	4449014	1754652	43.811	40.260
2)	SA Decachlor...	10.349	8.742	2700008	1477210	50.950	43.523
Target Compounds							
3)	L1 AR-1016-1	5.672	4.782	1537007	642834	480.934	411.608
4)	L1 AR-1016-2	5.694	4.802	2136589	867052	480.625	414.070
5)	L1 AR-1016-3	5.758	4.979	1364108	469560	497.499	424.800
6)	L1 AR-1016-4	5.857	5.022	1120630	388471	505.574	421.393
7)	L1 AR-1016-5	6.155	5.237	1075554	485267	519.070	429.762
8)	L2 AR-1221-1	4.692	3.895	164280	60187	134.178	117.044
9)	L2 AR-1221-2	4.787	3.983	241819	86446	264.909	224.310
10)	L2 AR-1221-3	4.864	4.061	843254	331730	312.894	273.162
11)	L3 AR-1232-1	4.864	4.061	843254	331730	411.918	358.998
12)	L3 AR-1232-2	5.401	4.802	1131656	867052	1201.622	1063.658
13)	L3 AR-1232-3	5.672	4.979	1537007	469560	874.450	1137.245 #
14)	L3 AR-1232-4	5.857	5.063	1120630	468295	1288.197	1249.811
15)	L3 AR-1232-5	5.949	5.237	984736	485267	1487.048	1158.669
16)	L4 AR-1242-1	5.672	4.782	1537007	642834	565.417	486.689
17)	L4 AR-1242-2	5.694	4.802	2136589	867052	568.342	494.449
18)	L4 AR-1242-3	5.758	4.979	1364108	469560	580.615	499.360
19)	L4 AR-1242-4	5.857	5.063	1120630	468295	591.214	496.481
20)	L4 AR-1242-5	6.600	5.591	169328	352744	92.502	310.179 #
21)	L5 AR-1248-1	5.672	4.782	1537007	642834	760.948	662.028
22)	L5 AR-1248-2	5.949	5.022	984736	388471	365.012	292.081
23)	L5 AR-1248-3	6.155	5.063	1075554	468295	362.499	340.290
24)	L5 AR-1248-4	6.561	5.237	195264	485267	60.658	303.072 #
25)	L5 AR-1248-5	6.600	5.631	169328	60306	54.407	38.386 #
26)	L6 AR-1254-1	6.536	5.591	716122	352744	212.792	140.050 #
27)	L6 AR-1254-2	6.755	5.740	717530	321064	145.809	146.616
28)	L6 AR-1254-3	7.124	6.161	448985	617222	88.865	174.698 #
29)	L6 AR-1254-4	7.412	6.374	311279	89923	83.571	40.649 #
30)	L6 AR-1254-5	7.833	6.794	2260635	1116804	580.173	377.574 #
31)	L7 AR-1260-1	7.290	6.277	1610470	847098	532.138	435.231
32)	L7 AR-1260-2	7.548	6.464	1934887	1023303	534.870	435.388
33)	L7 AR-1260-3	7.911	6.620	1532814	932923	555.368	433.863
34)	L7 AR-1260-4	8.139	7.094	1785926	789303	529.323	438.347
35)	L7 AR-1260-5	8.467	7.335	3089725	1871279	500.707	431.985
36)	L8 AR-1262-1	7.911	6.833	1532814	844535	338.915	279.512
37)	L8 AR-1262-2	8.467	7.335	3089725	1871279	394.758	340.651
38)	L8 AR-1262-3	8.803	7.620	2032296	426616	620.364	202.385 #
39)	L8 AR-1262-4	8.862	7.683	1325284	1353340	573.006	341.439 #
40)	L8 AR-1262-5	9.561	8.181	924176	494185	334.850	275.860
41)	L9 AR-1268-1	8.803	7.620	2032296	426616	232.782	69.916 #

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 ALS Vial : 3 Sample Multiplier: 1

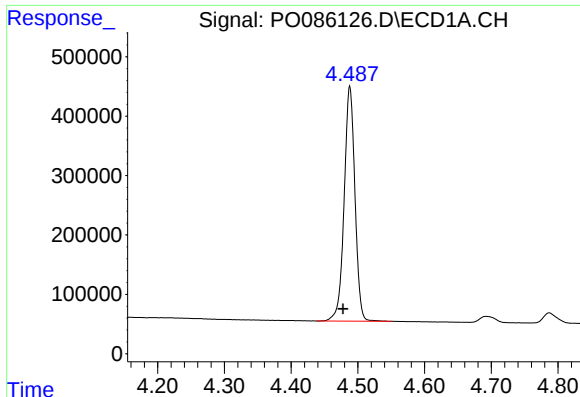
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 14:49:20 2022
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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	8.862	7.683	1325284	1353340	165.686	246.528 #
43) L9	AR-1268-3	9.120	7.894	36327	21309	5.474	4.688
44) L9	AR-1268-4	9.561	8.181	924176	494185	306.088	253.099
45) L9	AR-1268-5	9.994	8.479	207994	127832	9.511	8.722

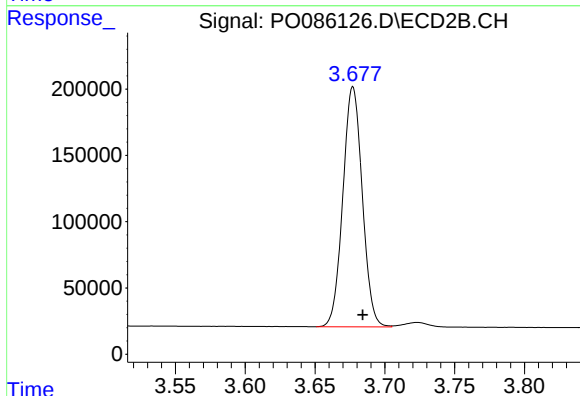
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

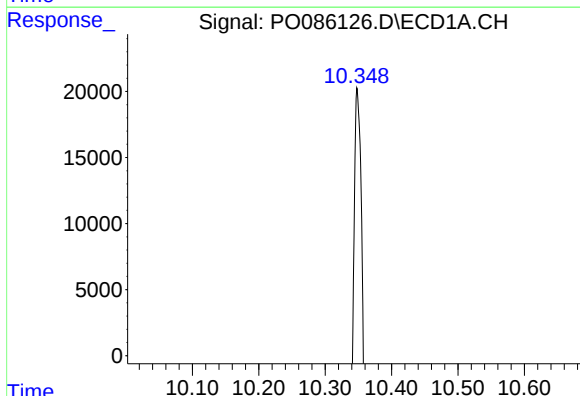
R.T.: 4.488 min
Delta R.T.: 0.010 min
Response: 4449014
Conc: 43.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



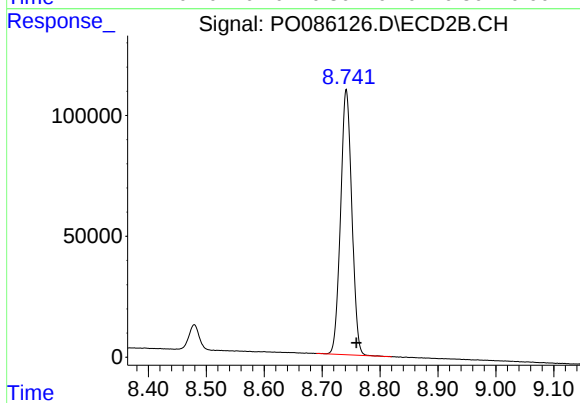
#1 Tetrachloro-m-xylene

R.T.: 3.677 min
Delta R.T.: -0.007 min
Response: 1754652
Conc: 40.26 ng/ml



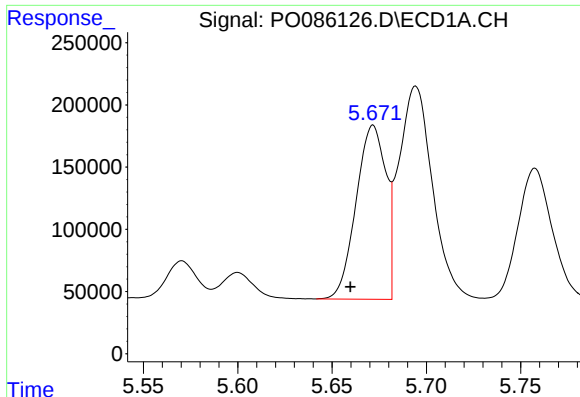
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.021 min
Response: 2700008
Conc: 50.95 ng/ml



#2 Decachlorobiphenyl

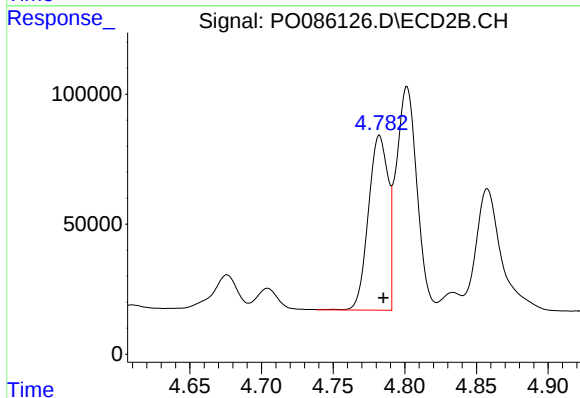
R.T.: 8.742 min
Delta R.T.: -0.017 min
Response: 1477210
Conc: 43.52 ng/ml



#3 AR-1016-1

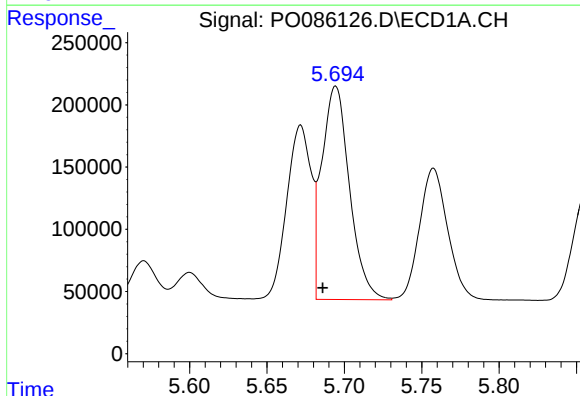
R.T.: 5.672 min
Delta R.T.: 0.012 min
Response: 1537007
Conc: 480.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



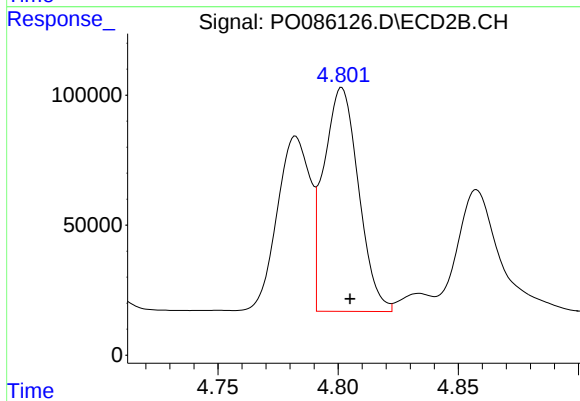
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 642834
Conc: 411.61 ng/ml



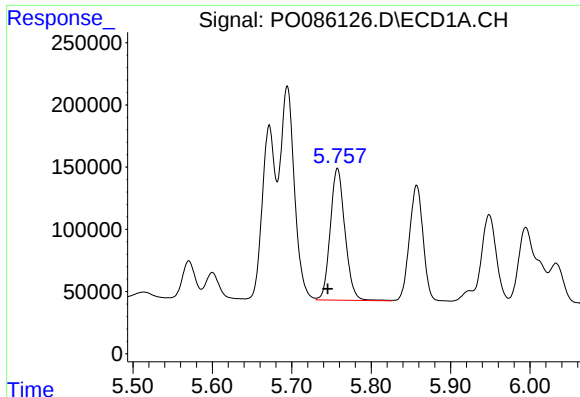
#4 AR-1016-2

R.T.: 5.694 min
Delta R.T.: 0.008 min
Response: 2136589
Conc: 480.62 ng/ml



#4 AR-1016-2

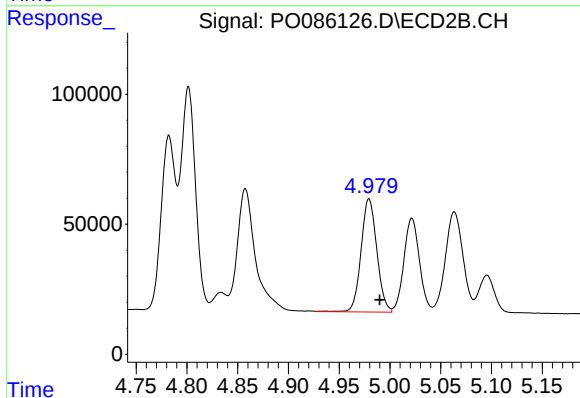
R.T.: 4.802 min
Delta R.T.: -0.003 min
Response: 867052
Conc: 414.07 ng/ml



#5 AR-1016-3

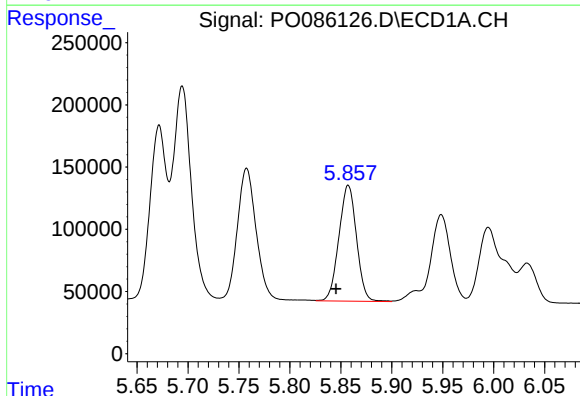
R.T.: 5.758 min
Delta R.T.: 0.012 min
Response: 1364108
Conc: 497.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



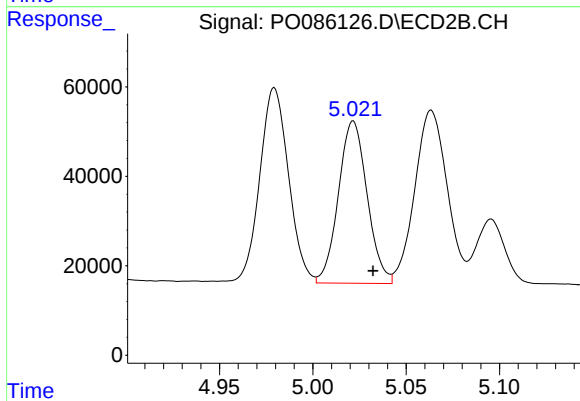
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 469560
Conc: 424.80 ng/ml



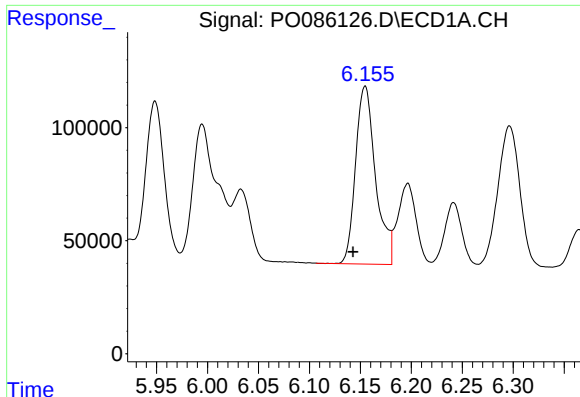
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: 0.012 min
Response: 1120630
Conc: 505.57 ng/ml



#6 AR-1016-4

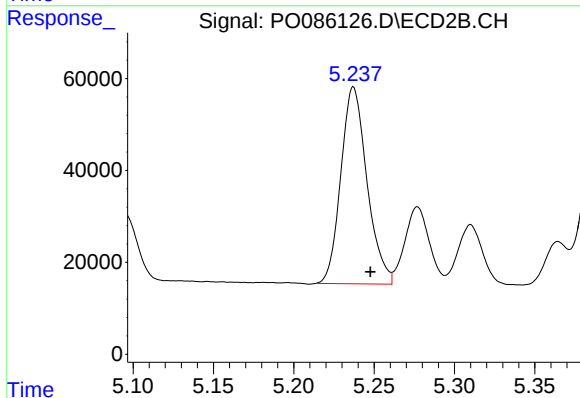
R.T.: 5.022 min
Delta R.T.: -0.011 min
Response: 388471
Conc: 421.39 ng/ml



#7 AR-1016-5

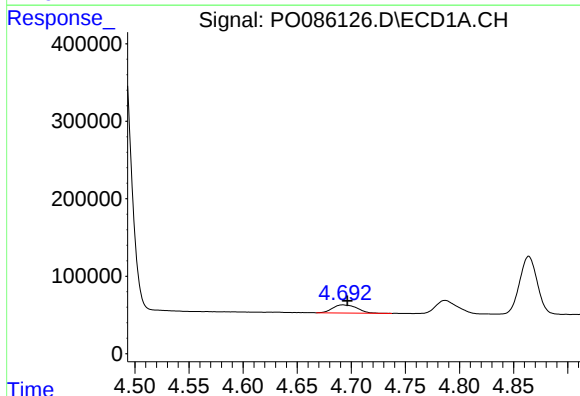
R.T.: 6.155 min
Delta R.T.: 0.012 min
Response: 1075554
Conc: 519.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



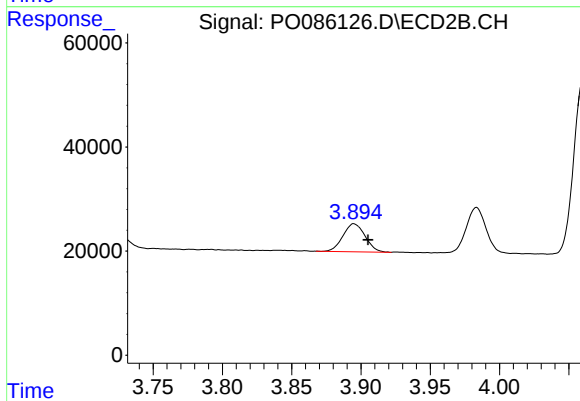
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.011 min
Response: 485267
Conc: 429.76 ng/ml



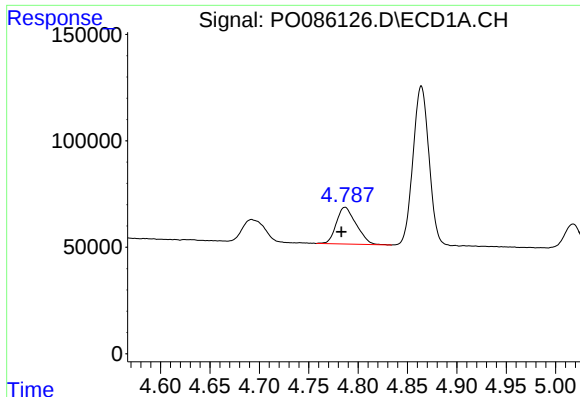
#8 AR-1221-1

R.T.: 4.692 min
Delta R.T.: -0.004 min
Response: 164280
Conc: 134.18 ng/ml



#8 AR-1221-1

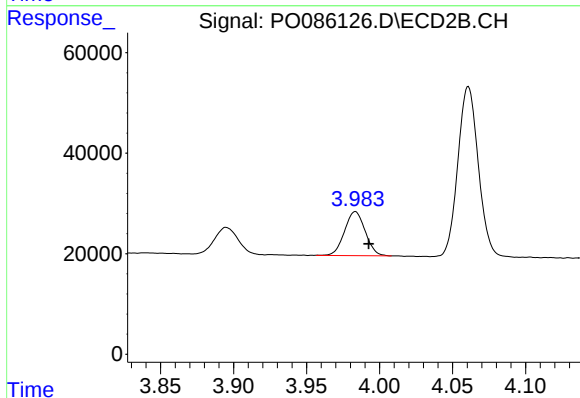
R.T.: 3.895 min
Delta R.T.: -0.010 min
Response: 60187
Conc: 117.04 ng/ml



#9 AR-1221-2

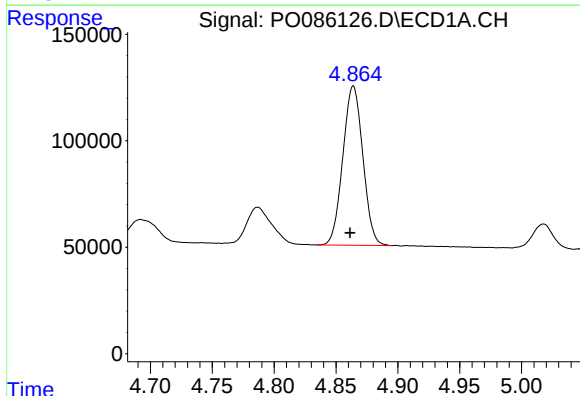
R.T.: 4.787 min
Delta R.T.: 0.004 min
Response: 241819
Conc: 264.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



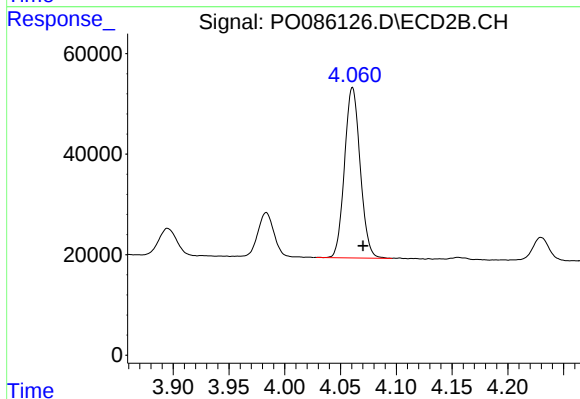
#9 AR-1221-2

R.T.: 3.983 min
Delta R.T.: -0.009 min
Response: 86446
Conc: 224.31 ng/ml



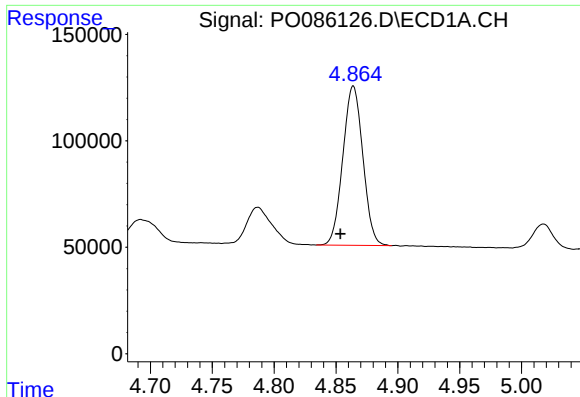
#10 AR-1221-3

R.T.: 4.864 min
Delta R.T.: 0.003 min
Response: 843254
Conc: 312.89 ng/ml



#10 AR-1221-3

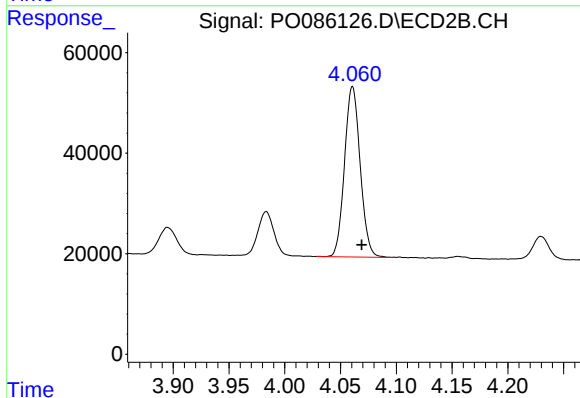
R.T.: 4.061 min
Delta R.T.: -0.009 min
Response: 331730
Conc: 273.16 ng/ml



#11 AR-1232-1

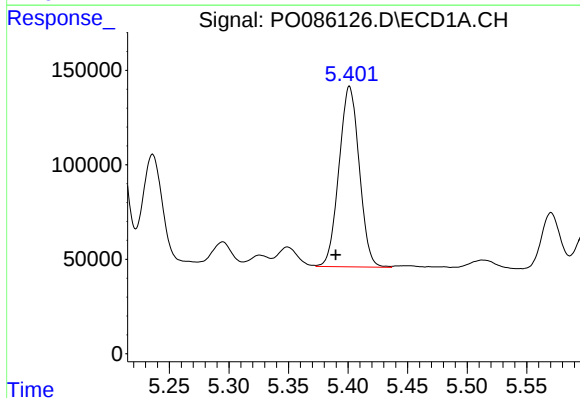
R.T.: 4.864 min
Delta R.T.: 0.011 min
Response: 843254
Conc: 411.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



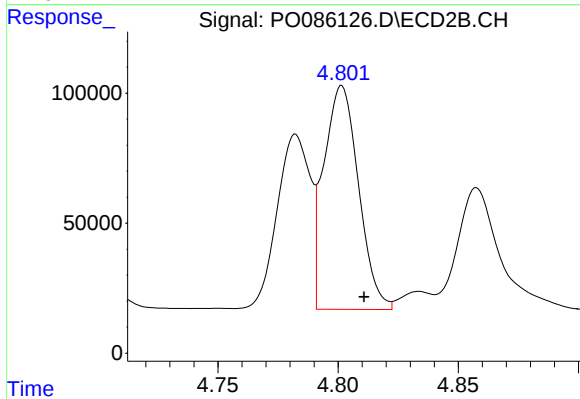
#11 AR-1232-1

R.T.: 4.061 min
Delta R.T.: -0.008 min
Response: 331730
Conc: 359.00 ng/ml



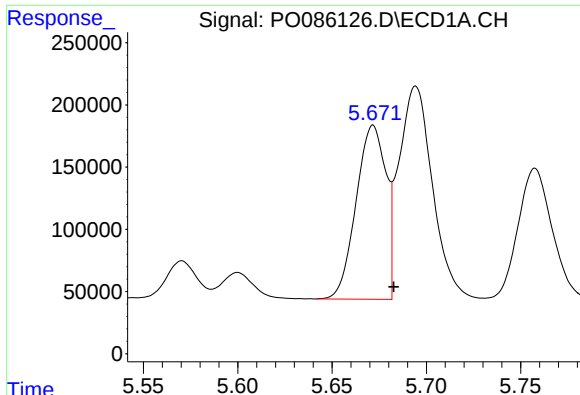
#12 AR-1232-2

R.T.: 5.401 min
Delta R.T.: 0.012 min
Response: 1131656
Conc: 1201.62 ng/ml



#12 AR-1232-2

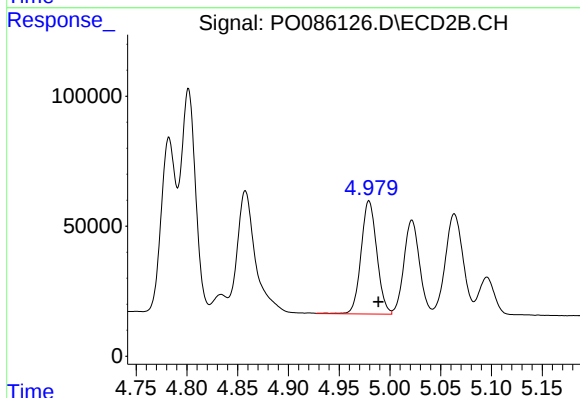
R.T.: 4.802 min
Delta R.T.: -0.009 min
Response: 867052
Conc: 1063.66 ng/ml



#13 AR-1232-3

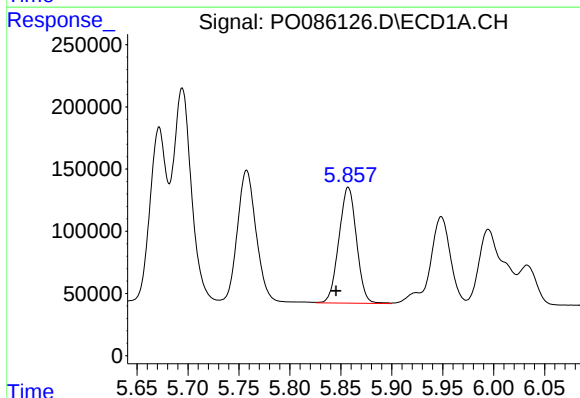
R.T.: 5.672 min
Delta R.T.: -0.011 min
Response: 1537007
Conc: 874.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



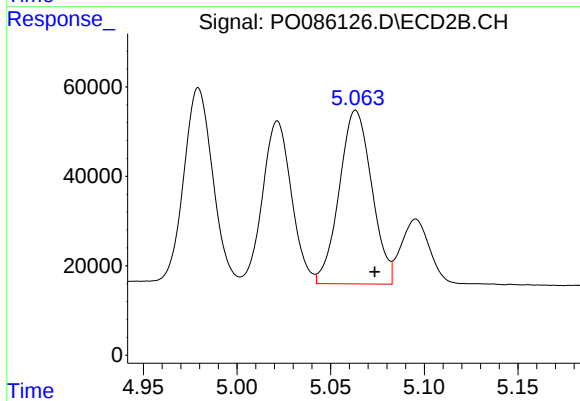
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: -0.009 min
Response: 469560
Conc: 1137.25 ng/ml



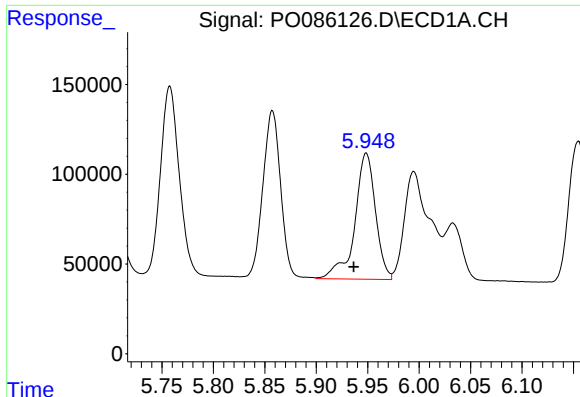
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: 0.012 min
Response: 1120630
Conc: 1288.20 ng/ml



#14 AR-1232-4

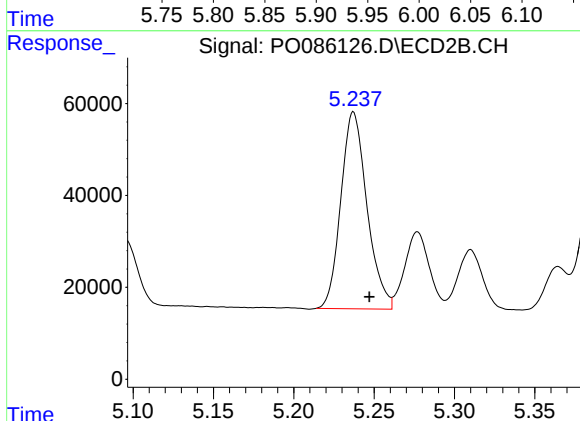
R.T.: 5.063 min
Delta R.T.: -0.010 min
Response: 468295
Conc: 1249.81 ng/ml



#15 AR-1232-5

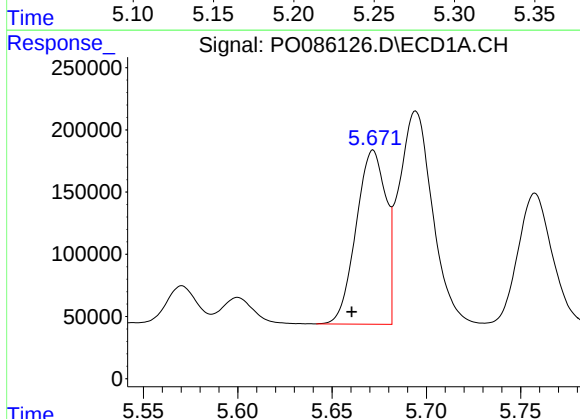
R.T.: 5.949 min
Delta R.T.: 0.012 min
Response: 984736
Conc: 1487.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



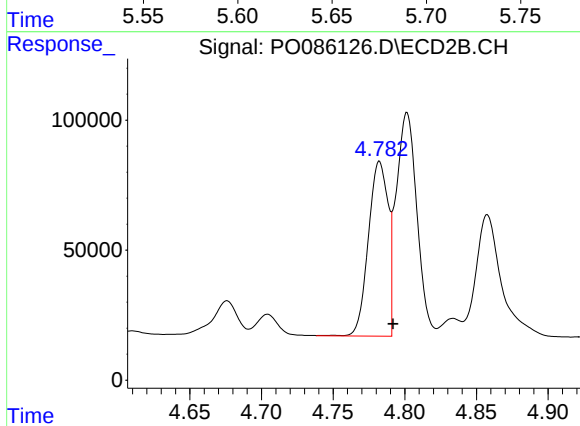
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.010 min
Response: 485267
Conc: 1158.67 ng/ml



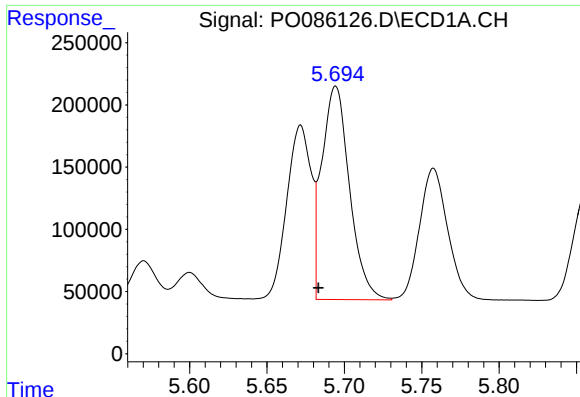
#16 AR-1242-1

R.T.: 5.672 min
Delta R.T.: 0.011 min
Response: 1537007
Conc: 565.42 ng/ml



#16 AR-1242-1

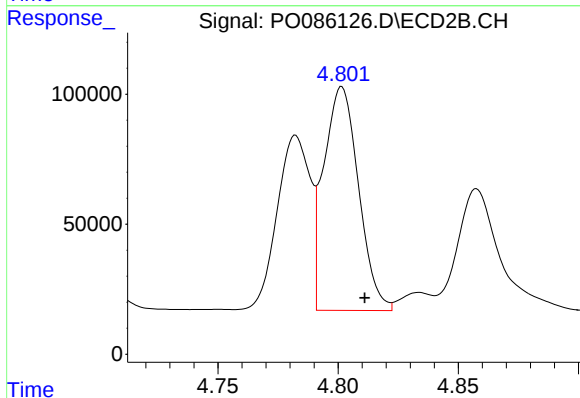
R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 642834
Conc: 486.69 ng/ml



#17 AR-1242-2

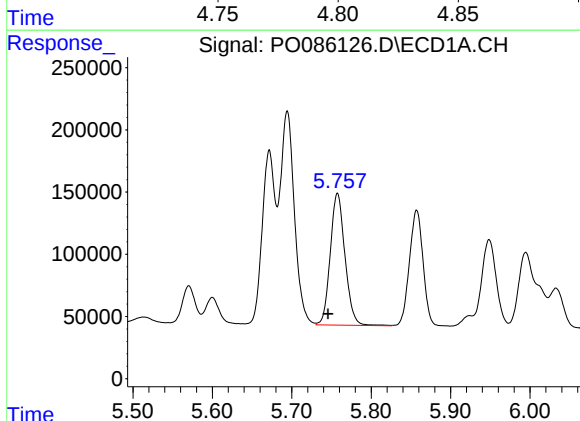
R.T.: 5.694 min
Delta R.T.: 0.011 min
Response: 2136589
Conc: 568.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



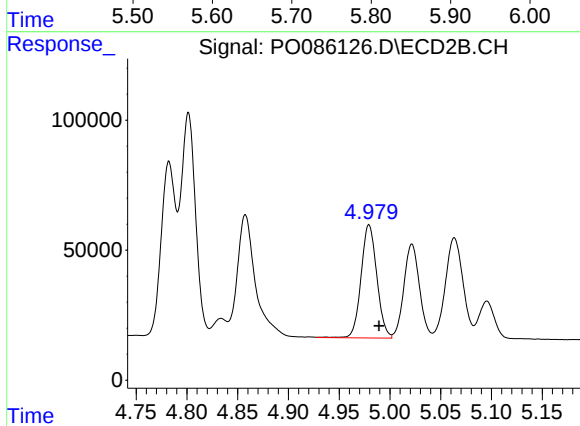
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.009 min
Response: 867052
Conc: 494.45 ng/ml



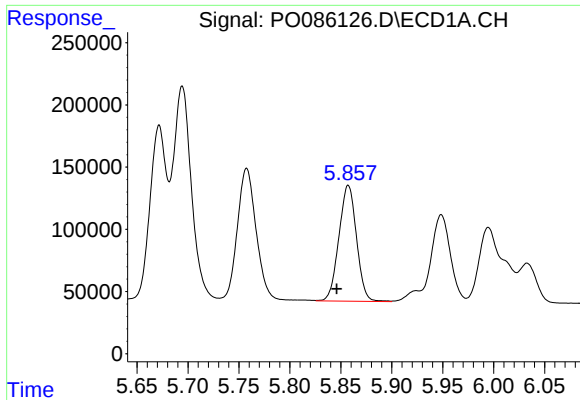
#18 AR-1242-3

R.T.: 5.758 min
Delta R.T.: 0.012 min
Response: 1364108
Conc: 580.61 ng/ml



#18 AR-1242-3

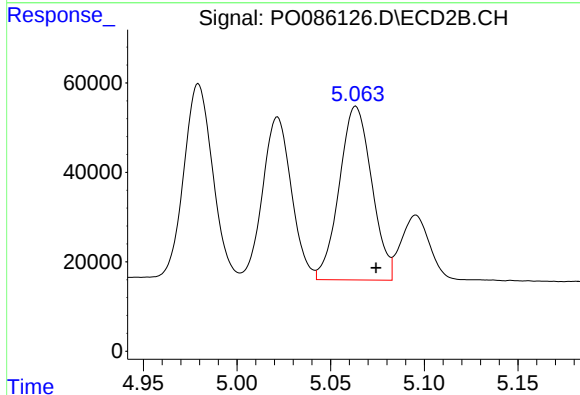
R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 469560
Conc: 499.36 ng/ml



#19 AR-1242-4

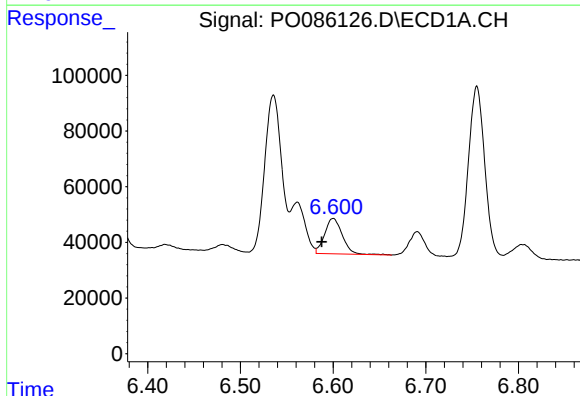
R.T.: 5.857 min
Delta R.T.: 0.011 min
Response: 1120630
Conc: 591.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



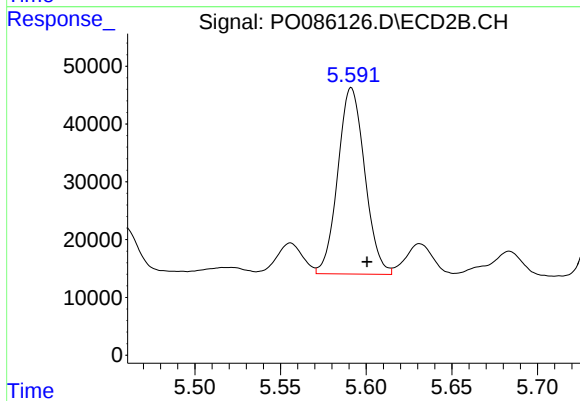
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.011 min
Response: 468295
Conc: 496.48 ng/ml



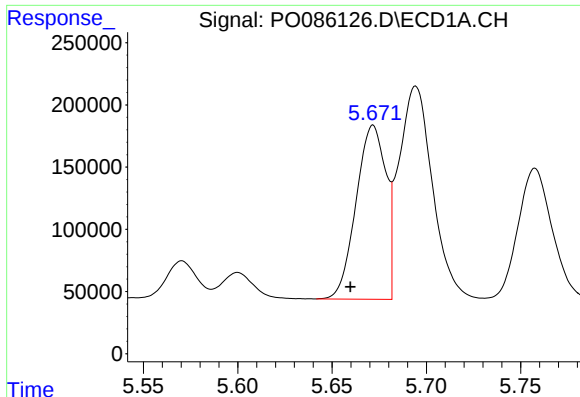
#20 AR-1242-5

R.T.: 6.600 min
Delta R.T.: 0.012 min
Response: 169328
Conc: 92.50 ng/ml



#20 AR-1242-5

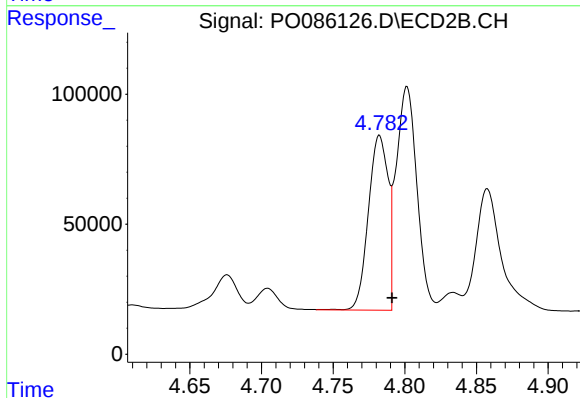
R.T.: 5.591 min
Delta R.T.: -0.009 min
Response: 352744
Conc: 310.18 ng/ml



#21 AR-1248-1

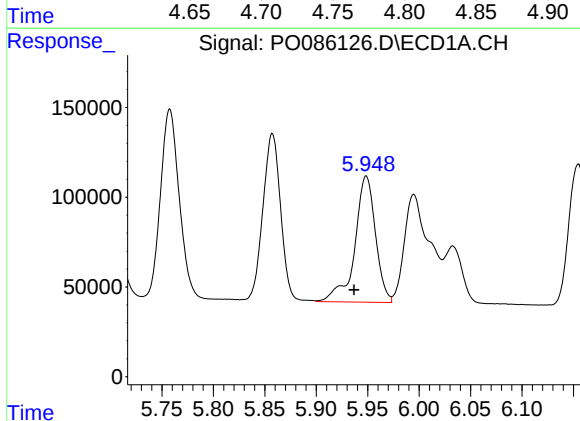
R.T.: 5.672 min
Delta R.T.: 0.012 min
Response: 1537007
Conc: 760.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



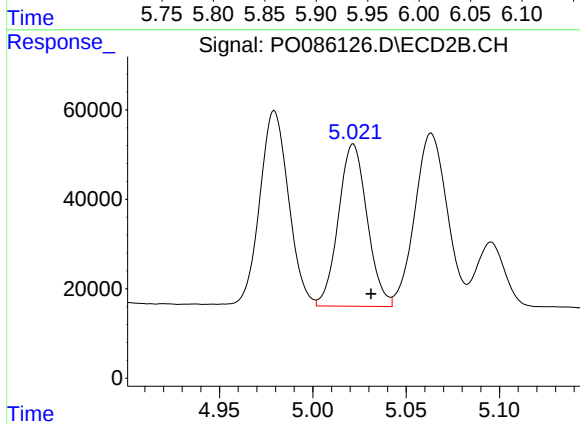
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.009 min
Response: 642834
Conc: 662.03 ng/ml



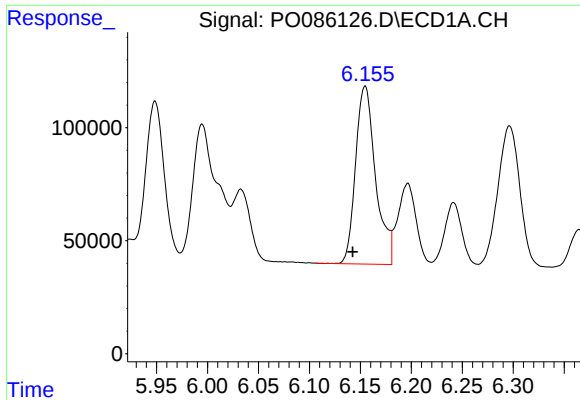
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: 0.012 min
Response: 984736
Conc: 365.01 ng/ml



#22 AR-1248-2

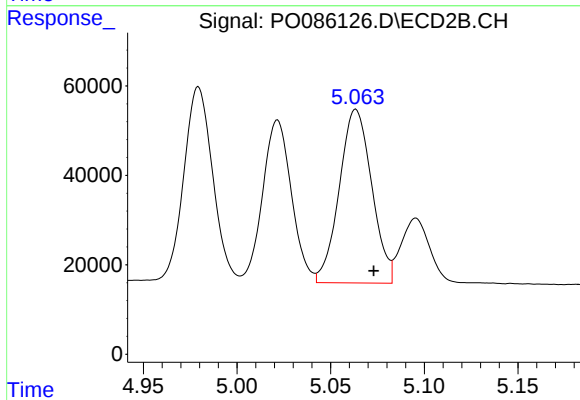
R.T.: 5.022 min
Delta R.T.: -0.010 min
Response: 388471
Conc: 292.08 ng/ml



#23 AR-1248-3

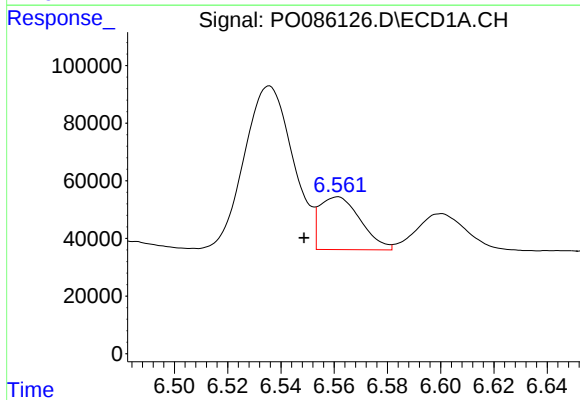
R.T.: 6.155 min
Delta R.T.: 0.012 min
Response: 1075554
Conc: 362.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



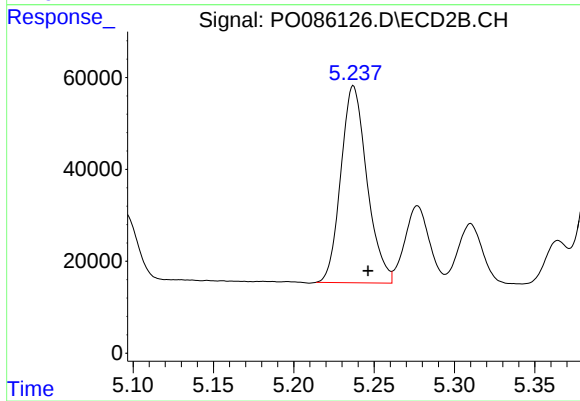
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.010 min
Response: 468295
Conc: 340.29 ng/ml



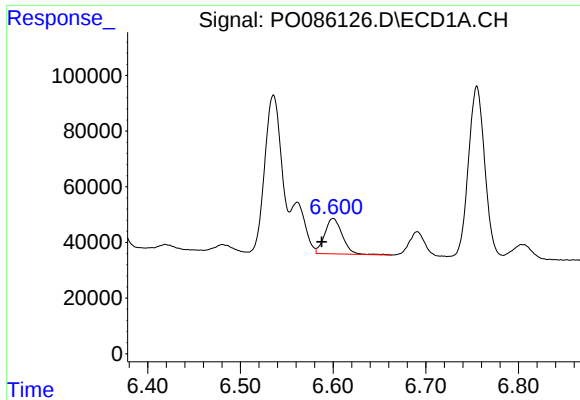
#24 AR-1248-4

R.T.: 6.561 min
Delta R.T.: 0.013 min
Response: 195264
Conc: 60.66 ng/ml



#24 AR-1248-4

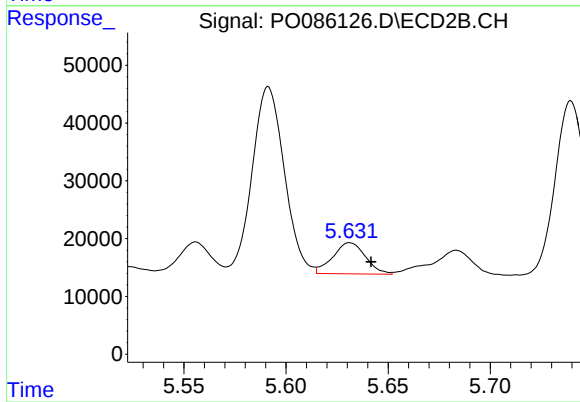
R.T.: 5.237 min
Delta R.T.: -0.009 min
Response: 485267
Conc: 303.07 ng/ml



#25 AR-1248-5

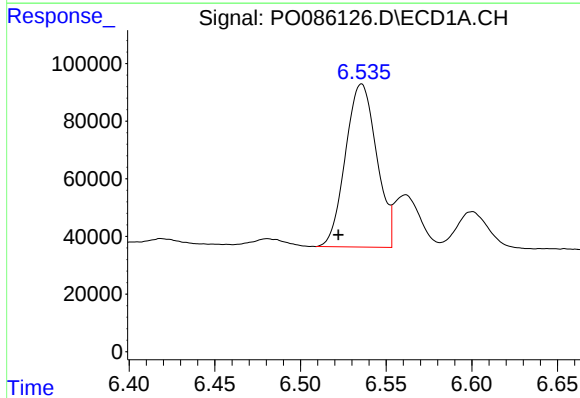
R.T.: 6.600 min
Delta R.T.: 0.012 min
Response: 169328
Conc: 54.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



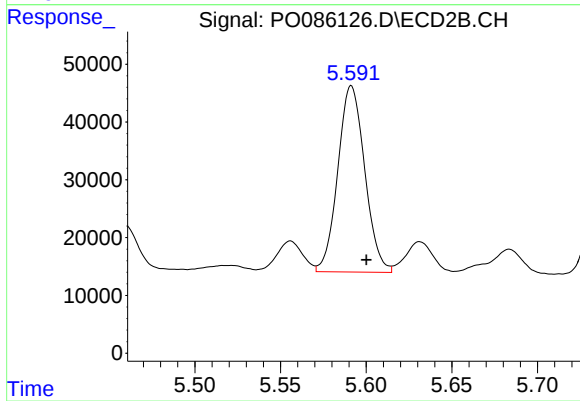
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 60306
Conc: 38.39 ng/ml



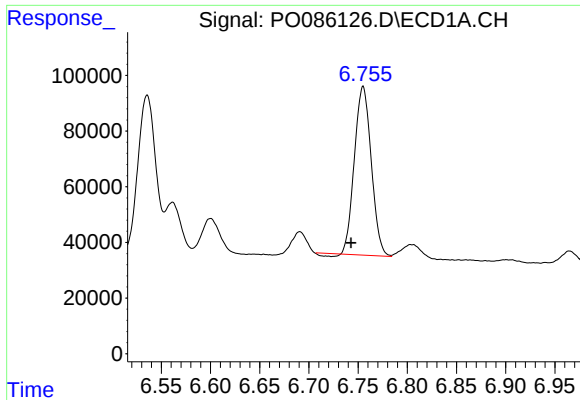
#26 AR-1254-1

R.T.: 6.536 min
Delta R.T.: 0.014 min
Response: 716122
Conc: 212.79 ng/ml



#26 AR-1254-1

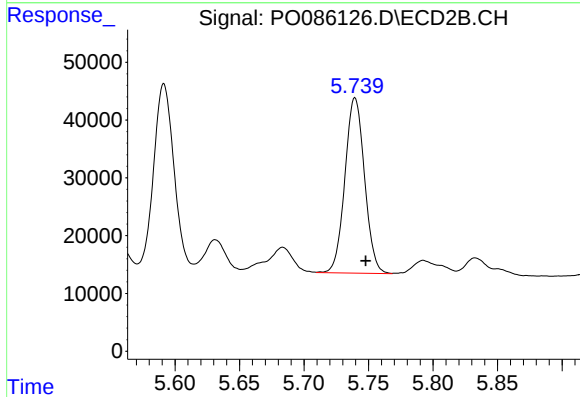
R.T.: 5.591 min
Delta R.T.: -0.009 min
Response: 352744
Conc: 140.05 ng/ml



#27 AR-1254-2

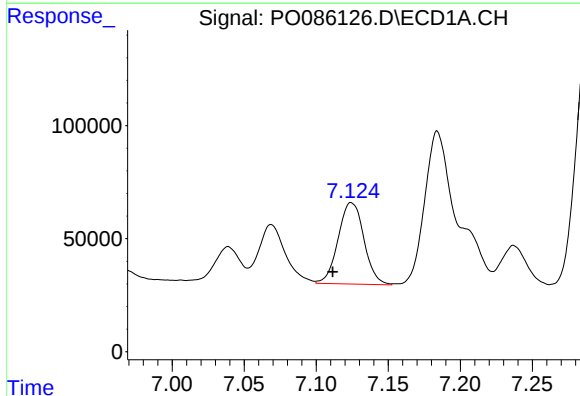
R.T.: 6.755 min
Delta R.T.: 0.012 min
Response: 717530
Conc: 145.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



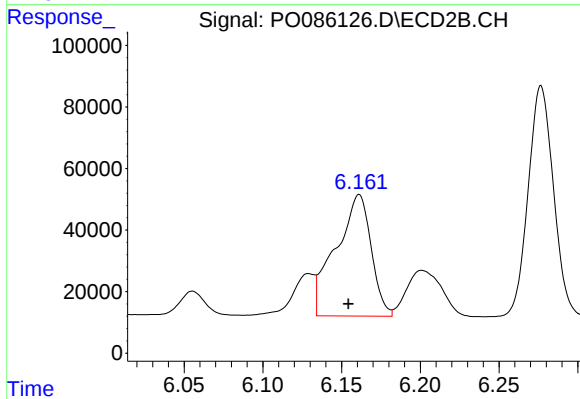
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.008 min
Response: 321064
Conc: 146.62 ng/ml



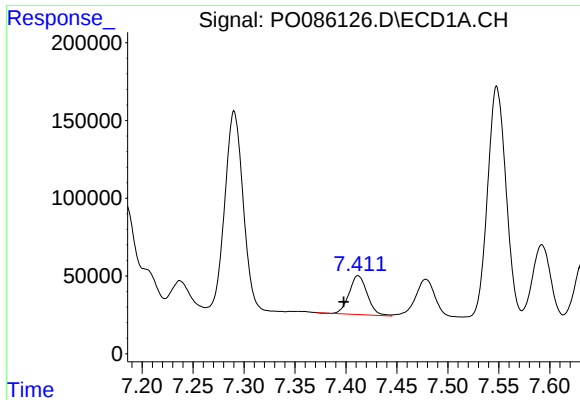
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: 0.013 min
Response: 448985
Conc: 88.87 ng/ml



#28 AR-1254-3

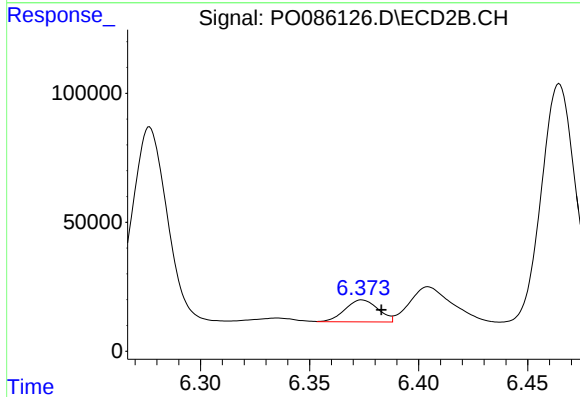
R.T.: 6.161 min
Delta R.T.: 0.007 min
Response: 617222
Conc: 174.70 ng/ml



#29 AR-1254-4

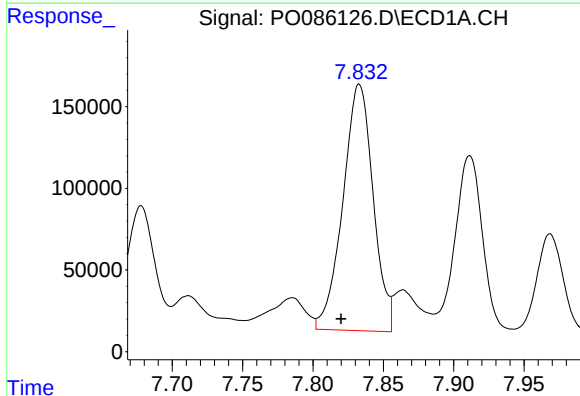
R.T.: 7.412 min
Delta R.T.: 0.014 min
Response: 311279
Conc: 83.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



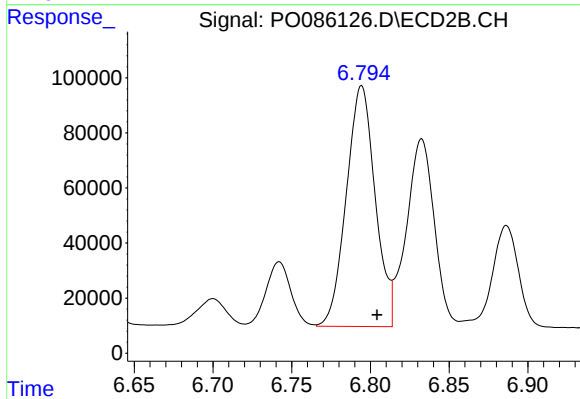
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.009 min
Response: 89923
Conc: 40.65 ng/ml



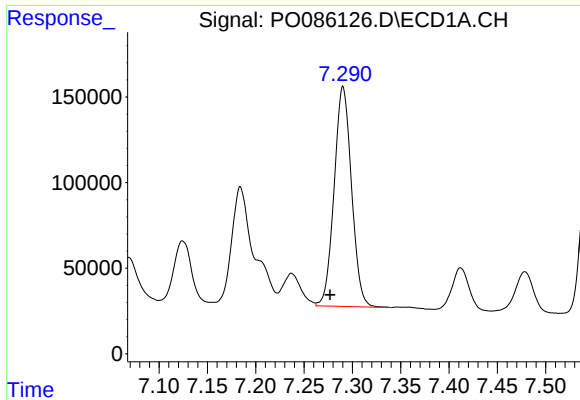
#30 AR-1254-5

R.T.: 7.833 min
Delta R.T.: 0.013 min
Response: 2260635
Conc: 580.17 ng/ml



#30 AR-1254-5

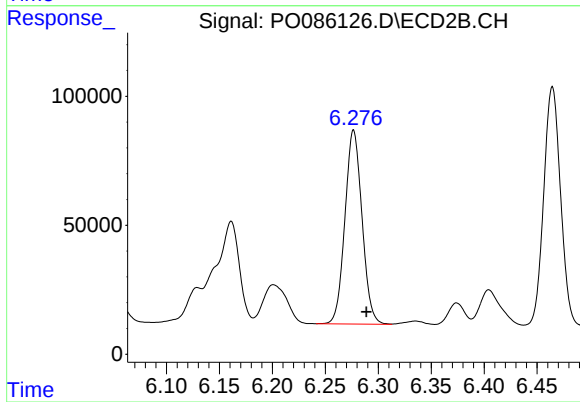
R.T.: 6.794 min
Delta R.T.: -0.010 min
Response: 1116804
Conc: 377.57 ng/ml



#31 AR-1260-1

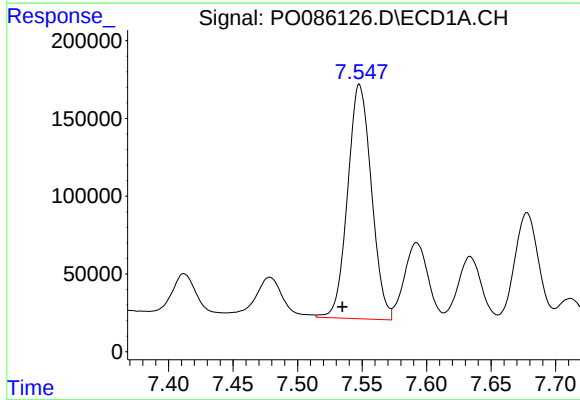
R.T.: 7.290 min
Delta R.T.: 0.013 min
Response: 1610470
Conc: 532.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



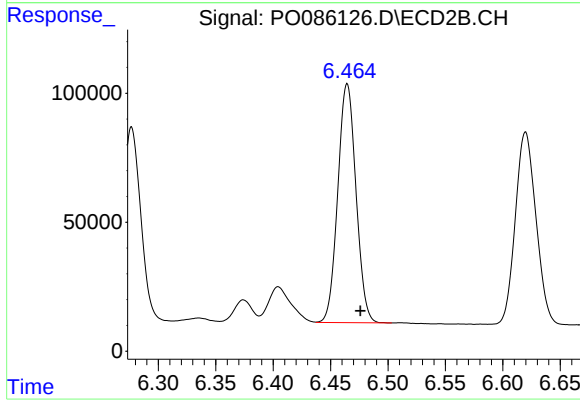
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.012 min
Response: 847098
Conc: 435.23 ng/ml



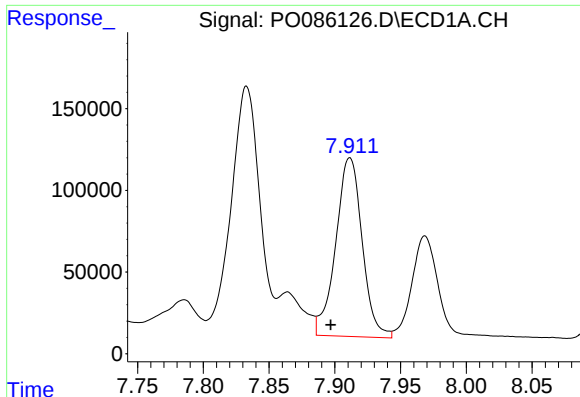
#32 AR-1260-2

R.T.: 7.548 min
Delta R.T.: 0.013 min
Response: 1934887
Conc: 534.87 ng/ml



#32 AR-1260-2

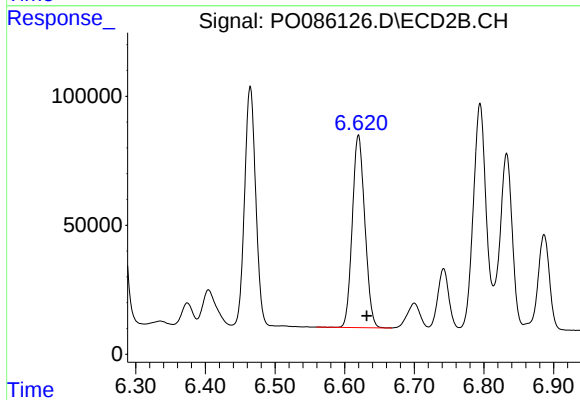
R.T.: 6.464 min
Delta R.T.: -0.011 min
Response: 1023303
Conc: 435.39 ng/ml



#33 AR-1260-3

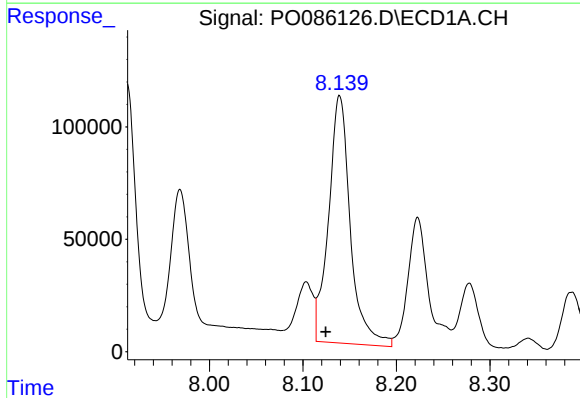
R.T.: 7.911 min
Delta R.T.: 0.015 min
Response: 1532814
Conc: 555.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



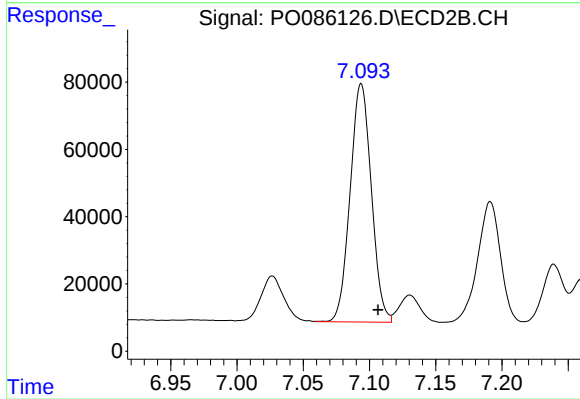
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.012 min
Response: 932923
Conc: 433.86 ng/ml



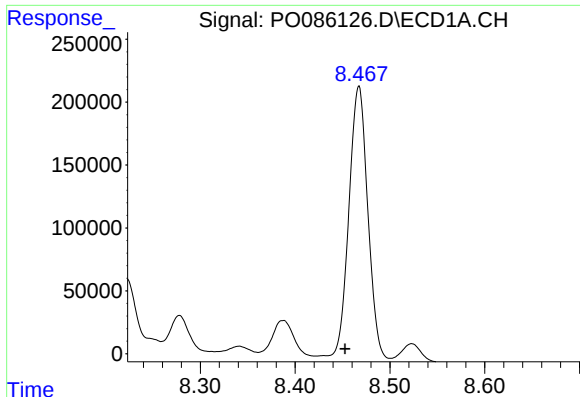
#34 AR-1260-4

R.T.: 8.139 min
Delta R.T.: 0.015 min
Response: 1785926
Conc: 529.32 ng/ml



#34 AR-1260-4

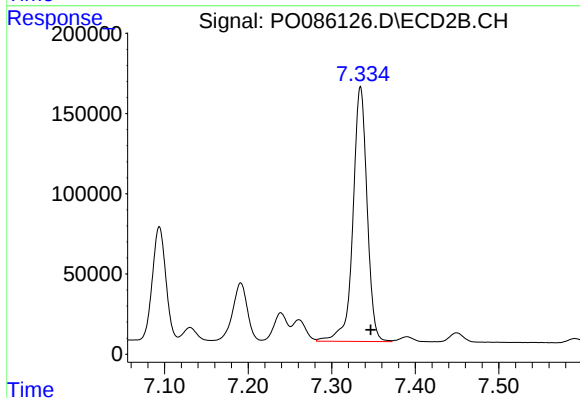
R.T.: 7.094 min
Delta R.T.: -0.013 min
Response: 789303
Conc: 438.35 ng/ml



#35 AR-1260-5

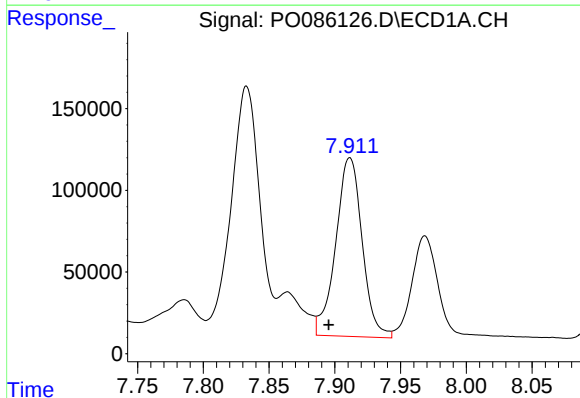
R.T.: 8.467 min
Delta R.T.: 0.015 min
Response: 3089725
Conc: 500.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



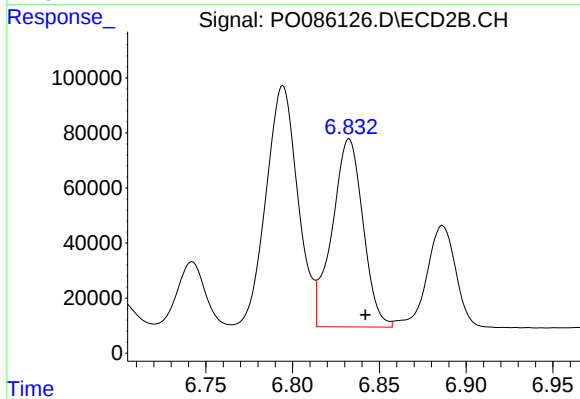
#35 AR-1260-5

R.T.: 7.335 min
Delta R.T.: -0.012 min
Response: 1871279
Conc: 431.98 ng/ml



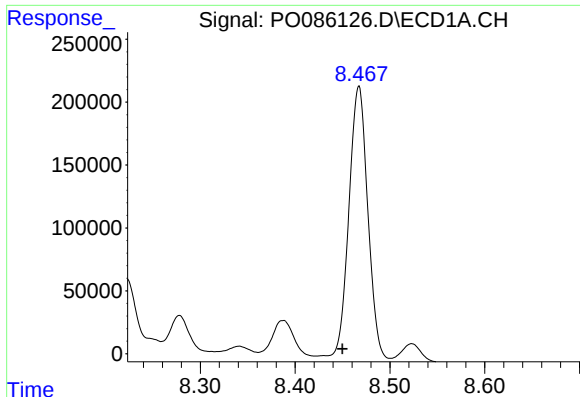
#36 AR-1262-1

R.T.: 7.911 min
Delta R.T.: 0.016 min
Response: 1532814
Conc: 338.91 ng/ml



#36 AR-1262-1

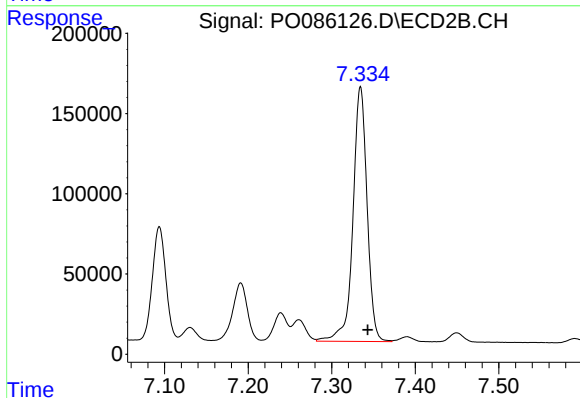
R.T.: 6.833 min
Delta R.T.: -0.009 min
Response: 844535
Conc: 279.51 ng/ml



#37 AR-1262-2

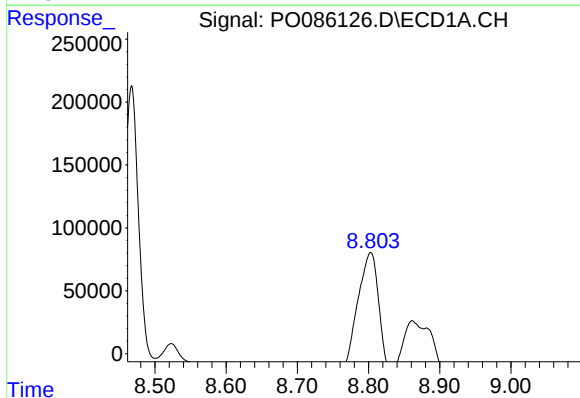
R.T.: 8.467 min
Delta R.T.: 0.017 min
Response: 3089725
Conc: 394.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



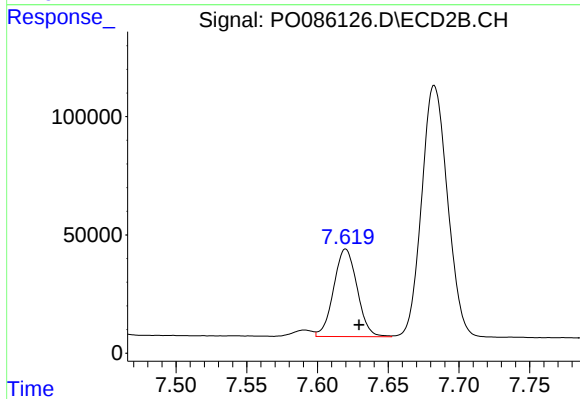
#37 AR-1262-2

R.T.: 7.335 min
Delta R.T.: -0.009 min
Response: 1871279
Conc: 340.65 ng/ml



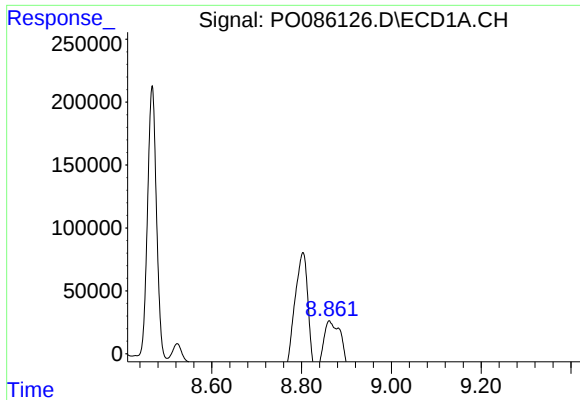
#38 AR-1262-3

R.T.: 8.803 min
Delta R.T.: 0.030 min
Response: 2032296
Conc: 620.36 ng/ml



#38 AR-1262-3

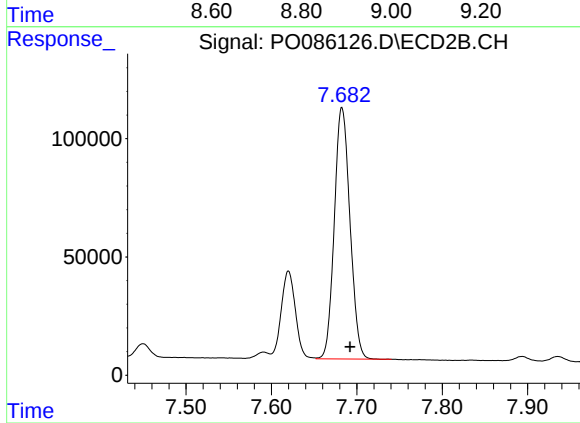
R.T.: 7.620 min
Delta R.T.: -0.009 min
Response: 426616
Conc: 202.39 ng/ml



#39 AR-1262-4

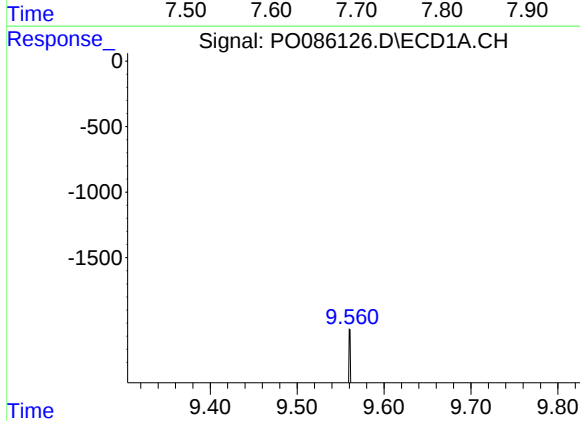
R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 1325284
Conc: 573.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



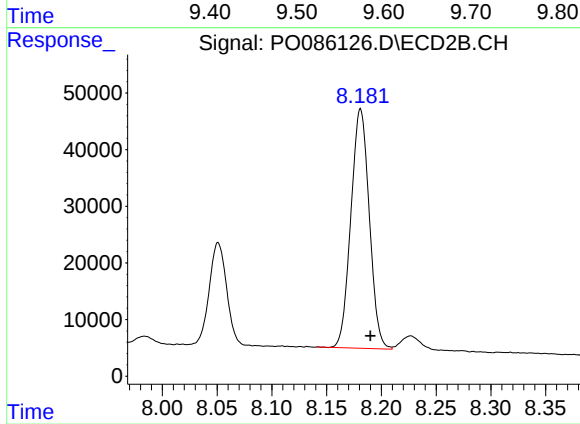
#39 AR-1262-4

R.T.: 7.683 min
Delta R.T.: -0.009 min
Response: 1353340
Conc: 341.44 ng/ml



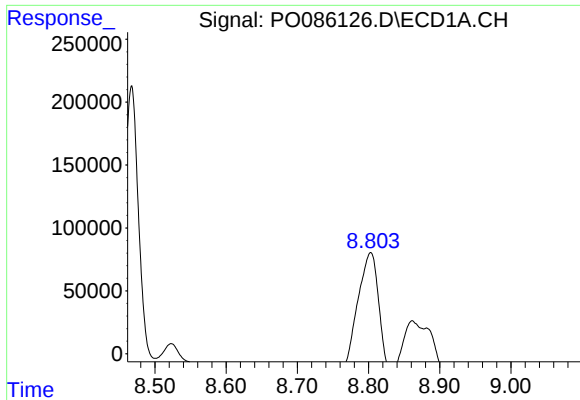
#40 AR-1262-5

R.T.: 9.561 min
Delta R.T.: 0.022 min
Response: 924176
Conc: 334.85 ng/ml



#40 AR-1262-5

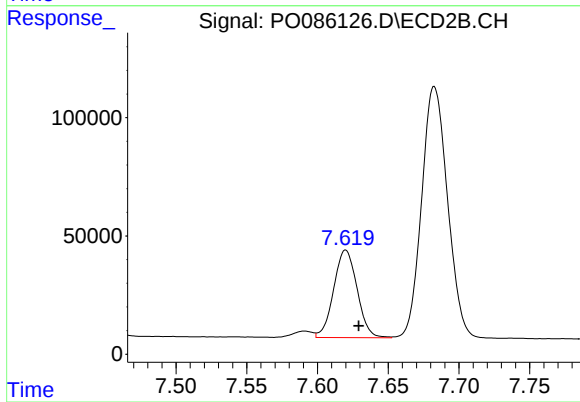
R.T.: 8.181 min
Delta R.T.: -0.009 min
Response: 494185
Conc: 275.86 ng/ml



#41 AR-1268-1

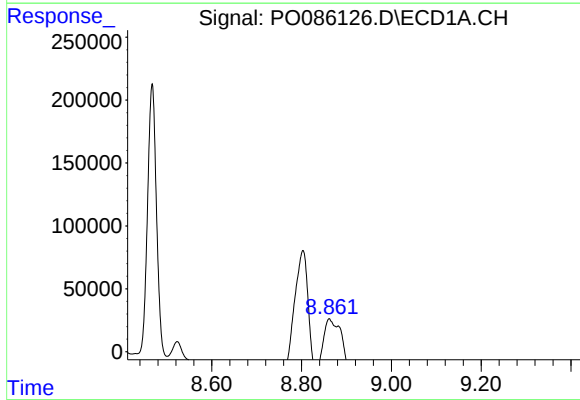
R.T.: 8.803 min
Delta R.T.: 0.033 min
Response: 2032296
Conc: 232.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



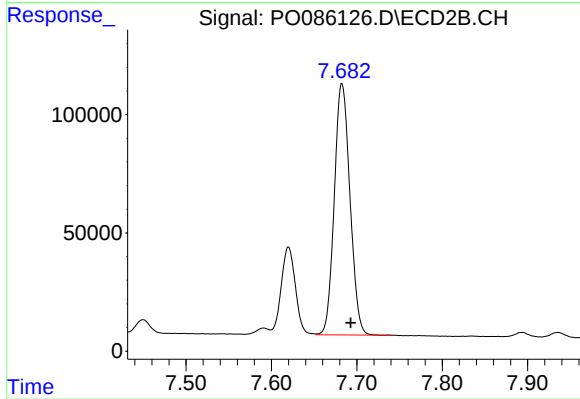
#41 AR-1268-1

R.T.: 7.620 min
Delta R.T.: -0.009 min
Response: 426616
Conc: 69.92 ng/ml



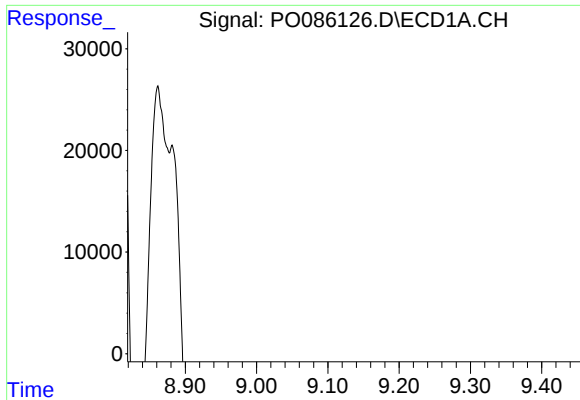
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: -0.005 min
Response: 1325284
Conc: 165.69 ng/ml



#42 AR-1268-2

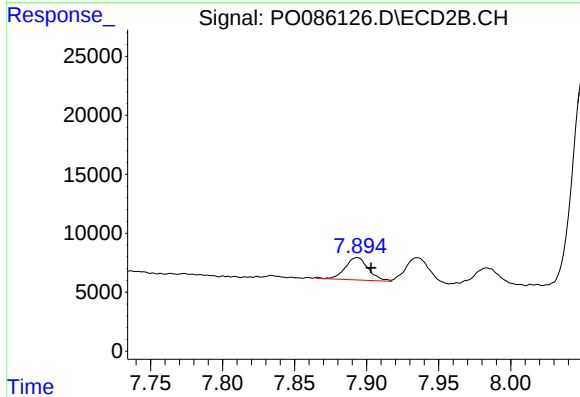
R.T.: 7.683 min
Delta R.T.: -0.010 min
Response: 1353340
Conc: 246.53 ng/ml



#43 AR-1268-3

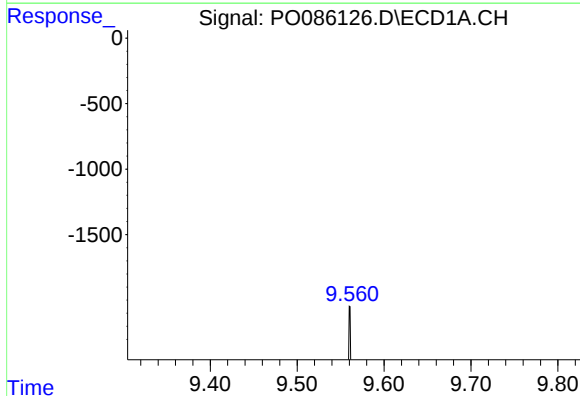
R.T.: 9.120 min
Delta R.T.: 0.017 min
Response: 36327
Conc: 5.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



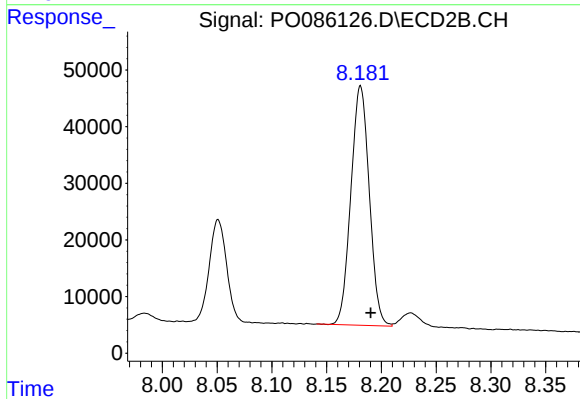
#43 AR-1268-3

R.T.: 7.894 min
Delta R.T.: -0.010 min
Response: 21309
Conc: 4.69 ng/ml



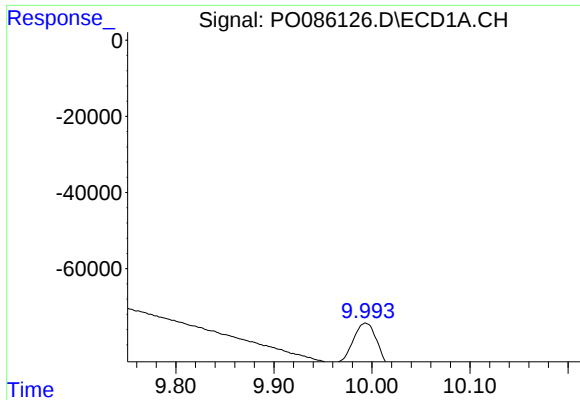
#44 AR-1268-4

R.T.: 9.561 min
Delta R.T.: 0.020 min
Response: 924176
Conc: 306.09 ng/ml



#44 AR-1268-4

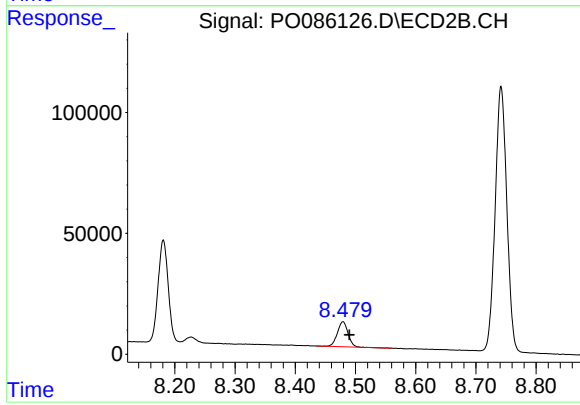
R.T.: 8.181 min
Delta R.T.: -0.009 min
Response: 494185
Conc: 253.10 ng/ml



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: 0.023 min
Response: 207994
Conc: 9.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.011 min
Response: 127832
Conc: 8.72 ng/ml