

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102319\
 Data File : P0063050.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Oct 2019 10:46
 Operator : HP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 00:46:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 2019
 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...	4.316	3.478	2865411	1942324	46.330	45.295
2)	SA Decachlor...	9.939	8.328	2408339	1279243	43.042	43.599
Target Compounds							
3)	L1 AR-1016-1	5.477	4.522	1025962	690413	433.499	441.400
4)	L1 AR-1016-2	5.499	4.538	1478957	1037219	434.195	445.941
5)	L1 AR-1016-3	5.560	4.708	892167	544432	431.119	440.457
6)	L1 AR-1016-4	5.659	4.750	763593	440811	450.523	448.571
7)	L1 AR-1016-5	5.950	4.956	670091	550717	376.813	427.059
8)	L2 AR-1221-1	4.521	3.683	80399	62622	115.536	123.161
9)	L2 AR-1221-2	4.612	3.766	128001	95994	245.445	249.825
10)	L2 AR-1221-3	4.687	3.839	472189	343118	289.226	291.570
11)	L3 AR-1232-1	4.687	3.839	472189	343118	216.194	221.436
12)	L3 AR-1232-2	5.211	4.538	679585	1037219	569.595	600.778
13)	L3 AR-1232-3	5.499	4.708	1478957	544432	578.115	595.638
14)	L3 AR-1232-4	5.659	4.790	763593	526215	594.016	646.836
15)	L3 AR-1232-5	5.748	4.956	672279	550717	679.259	623.572
16)	L4 AR-1242-1	5.477	4.522	1025962	690413	553.676	574.075
17)	L4 AR-1242-2	5.499	4.538	1478957	1037219	557.527	582.299
18)	L4 AR-1242-3	5.560	4.708	892167	544432	546.294	571.863
19)	L4 AR-1242-4	5.659	4.790	763593	526215	565.642	557.410
20)	L4 AR-1242-5	6.390	5.297	124290	420691	81.318	352.552 #
21)	L5 AR-1248-1	5.477	4.522	1025962	690413	715.833	703.247
22)	L5 AR-1248-2	5.748	4.750	672279	440811	335.779	347.945
23)	L5 AR-1248-3	5.950	4.790	670091	526215	303.403	396.410 #
24)	L5 AR-1248-4	6.352	4.956	153509	550717	60.090	348.032 #
25)	L5 AR-1248-5	6.390	5.336	124290	74847	50.831	48.634
26)	L6 AR-1254-1	6.324	5.297	541643	420691	203.196	172.006
27)	L6 AR-1254-2	6.541	5.441	590810	382964	144.506	180.825 #
28)	L6 AR-1254-3	6.907	5.848	319196	725083	76.288	222.544 #
29)	L6 AR-1254-4	7.191	6.058	236248	106683	78.401	55.235 #
30)	L6 AR-1254-5	7.608	6.466	1705133	1113657	544.093	421.648
31)	L7 AR-1260-1	7.069	5.961	1287518	931740	452.217	438.521
32)	L7 AR-1260-2	7.325	6.147	1419191	1122824	413.692	442.471
33)	L7 AR-1260-3	7.682	6.295	1211172	977972	457.717	433.094
34)	L7 AR-1260-4	7.907	6.758	1204729	782369	430.715	445.579
35)	L7 AR-1260-5	8.218	6.999	2397853	1722718	457.990	478.209
36)	L8 AR-1262-1	7.682	6.556	1211172	473853	295.057	397.606 #
37)	L8 AR-1262-2	8.218	6.999	2397853	1722718	371.873	409.994
38)	L8 AR-1262-3	8.534	7.276	1482042	418323	337.029	237.844 #
39)	L8 AR-1262-4	8.603	7.339	405314	1198342	117.314	391.985 #
40)	L8 AR-1262-5	9.232	7.829	695589	423886	307.962	324.564
41)	L9 AR-1268-1	8.534	7.276	1482042	418323	195.779	89.329 #
42)	L9 AR-1268-2	8.603	7.339	405314	1198342	57.697	286.838 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0102319\
 Data File : P0063050.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Oct 2019 10:46
 Operator : HP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

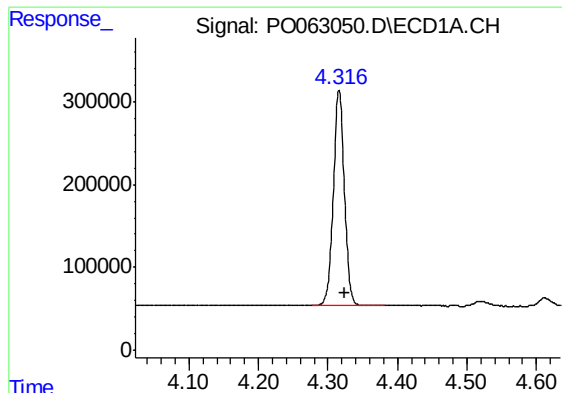
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 00:46:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 2019
 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
44) L9	AR-1268-4	9.232	7.829	695589	423886	292.756	297.491
45) L9	AR-1268-5	9.623	8.097	202740	121056	11.249	13.076

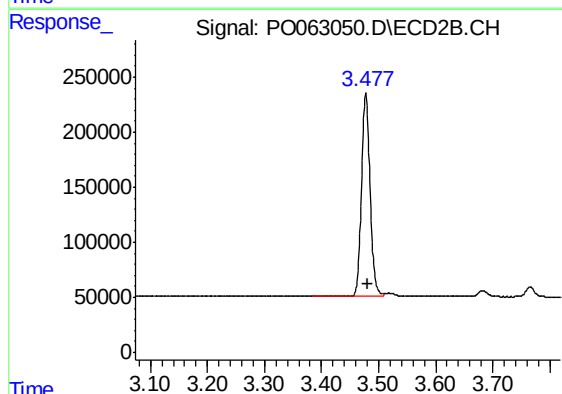
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

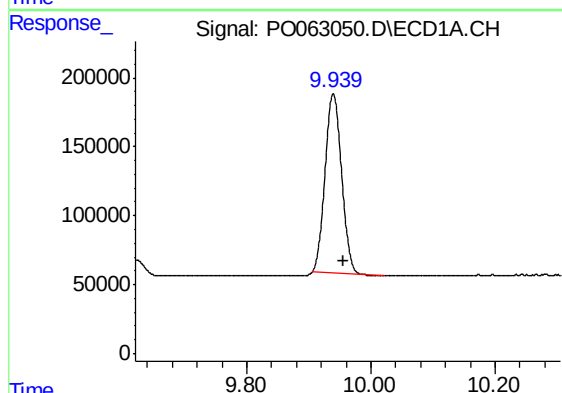
R.T.: 4.316 min
Delta R.T.: -0.009 min
Response: 2865411
Conc: 46.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



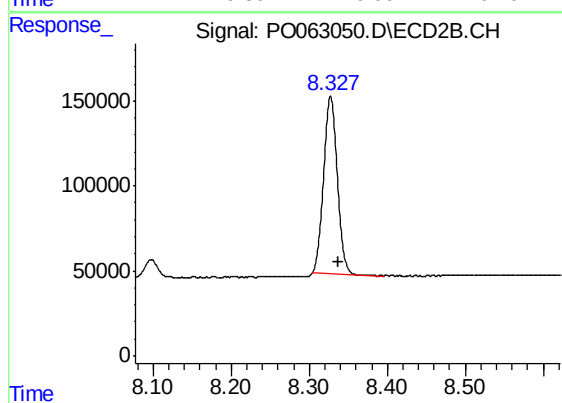
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: -0.004 min
Response: 1942324
Conc: 45.29 ng/ml



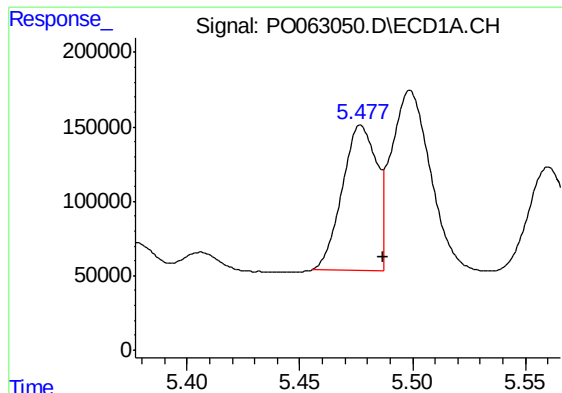
#2 Decachlorobiphenyl

R.T.: 9.939 min
Delta R.T.: -0.017 min
Response: 2408339
Conc: 43.04 ng/ml



#2 Decachlorobiphenyl

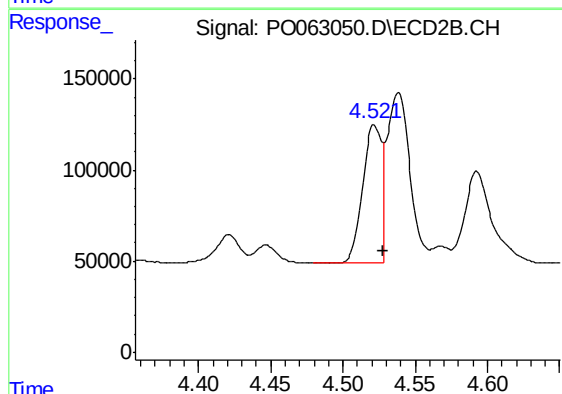
R.T.: 8.328 min
Delta R.T.: -0.010 min
Response: 1279243
Conc: 43.60 ng/ml



#3 AR-1016-1

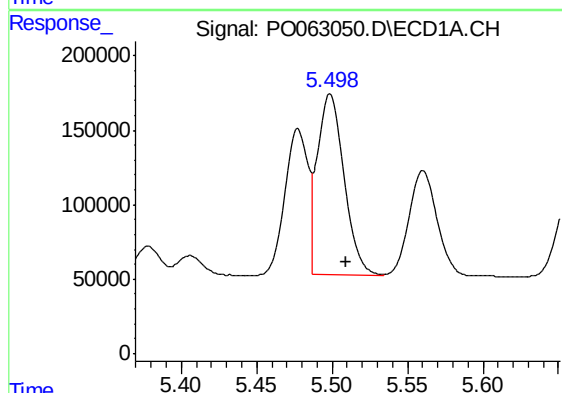
R.T.: 5.477 min
Delta R.T.: -0.010 min
Response: 1025962
Conc: 433.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



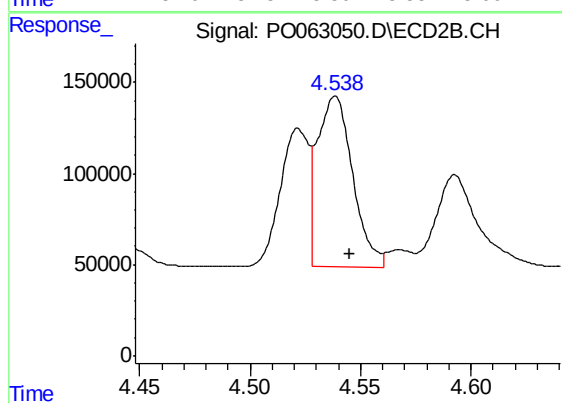
#3 AR-1016-1

R.T.: 4.522 min
Delta R.T.: -0.006 min
Response: 690413
Conc: 441.40 ng/ml



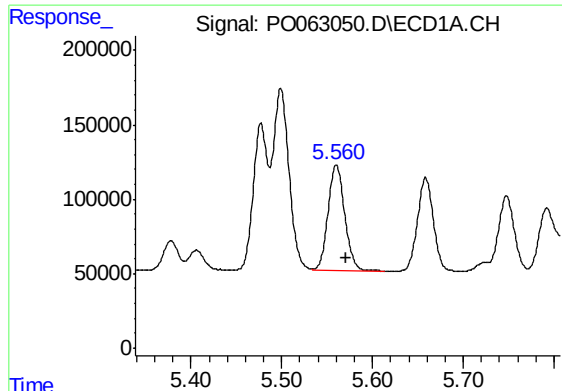
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.010 min
Response: 1478957
Conc: 434.19 ng/ml



#4 AR-1016-2

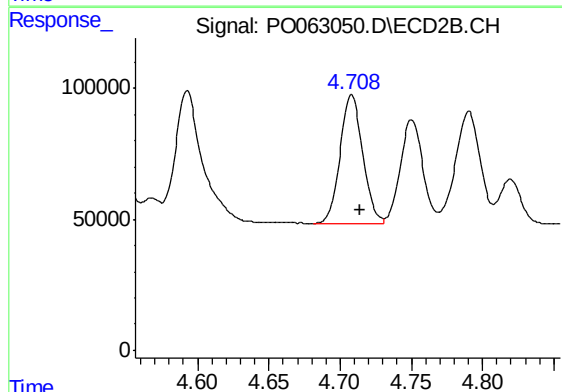
R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 1037219
Conc: 445.94 ng/ml



#5 AR-1016-3

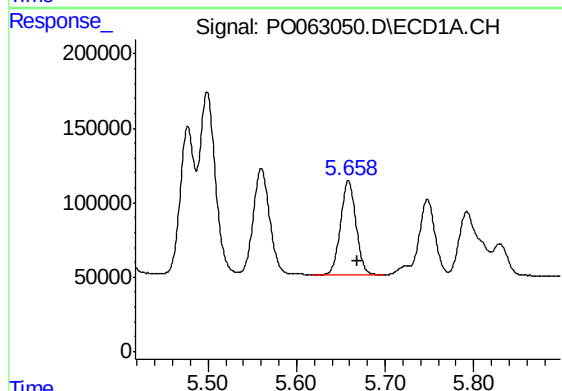
R.T.: 5.560 min
Delta R.T.: -0.011 min
Response: 892167
Conc: 431.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



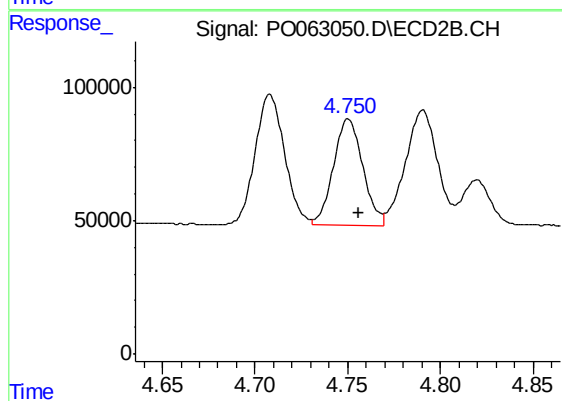
#5 AR-1016-3

R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 544432
Conc: 440.46 ng/ml



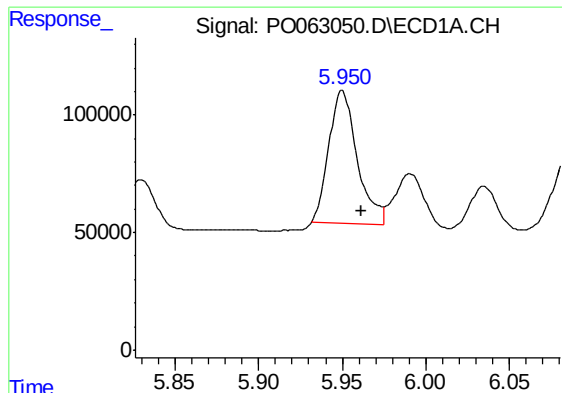
#6 AR-1016-4

R.T.: 5.659 min
Delta R.T.: -0.010 min
Response: 763593
Conc: 450.52 ng/ml



#6 AR-1016-4

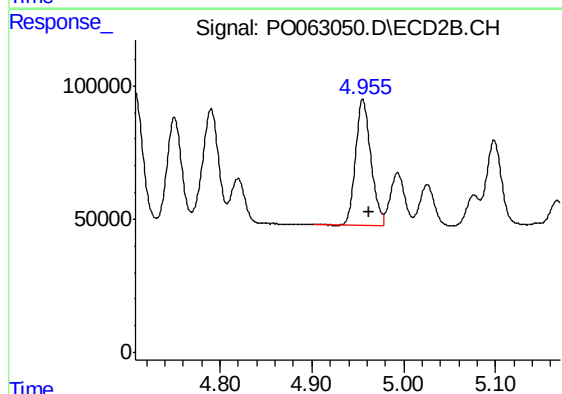
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 440811
Conc: 448.57 ng/ml



#7 AR-1016-5

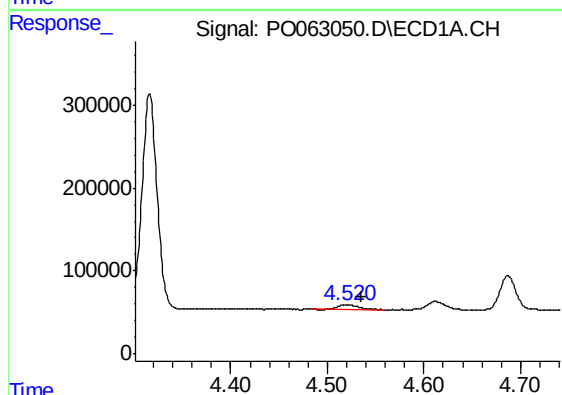
R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 670091
Conc: 376.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



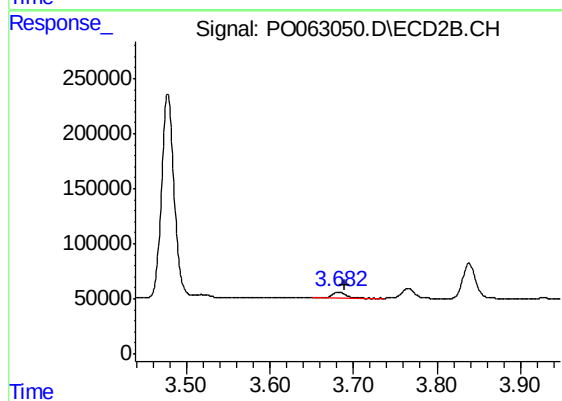
#7 AR-1016-5

R.T.: 4.956 min
Delta R.T.: -0.007 min
Response: 550717
Conc: 427.06 ng/ml



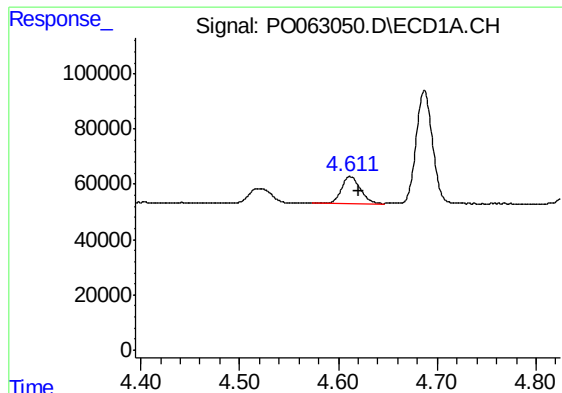
#8 AR-1221-1

R.T.: 4.521 min
Delta R.T.: -0.014 min
Response: 80399
Conc: 115.54 ng/ml



#8 AR-1221-1

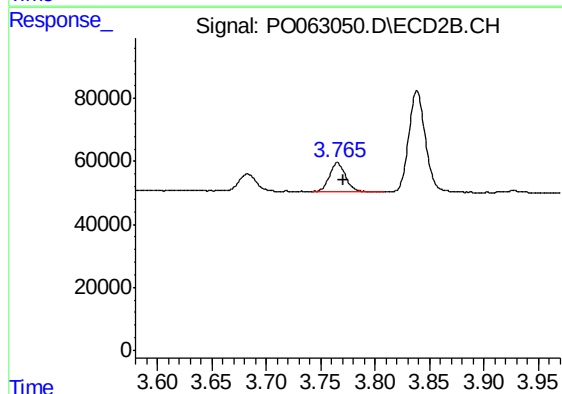
R.T.: 3.683 min
Delta R.T.: -0.006 min
Response: 62622
Conc: 123.16 ng/ml



#9 AR-1221-2

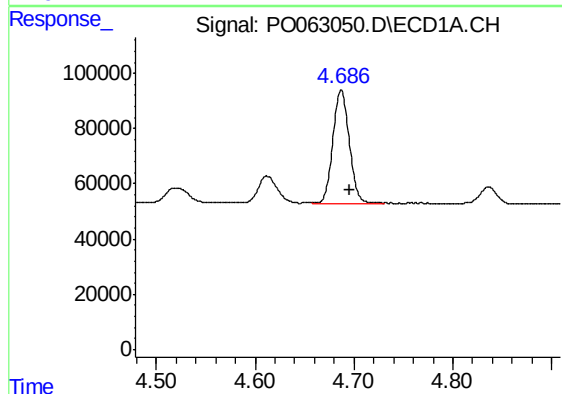
R.T.: 4.612 min
Delta R.T.: -0.008 min
Response: 128001
Conc: 245.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



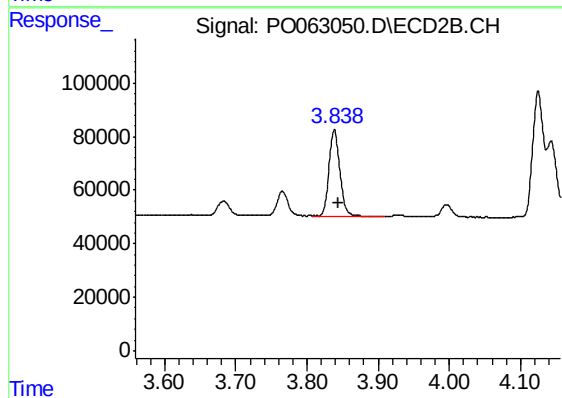
#9 AR-1221-2

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 95994
Conc: 249.83 ng/ml



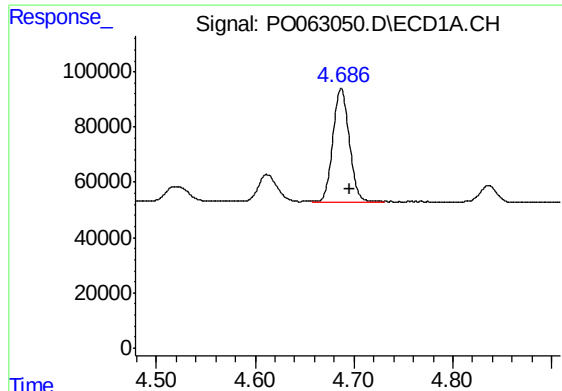
#10 AR-1221-3

R.T.: 4.687 min
Delta R.T.: -0.009 min
Response: 472189
Conc: 289.23 ng/ml



#10 AR-1221-3

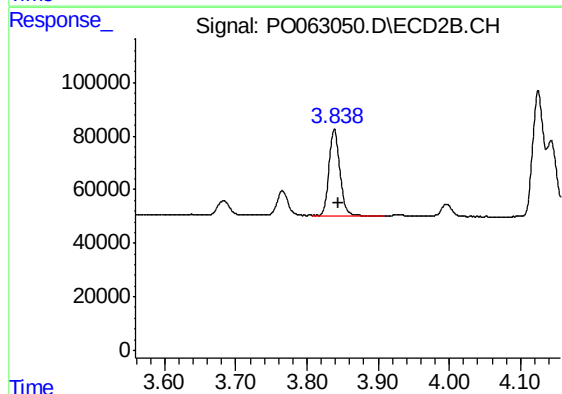
R.T.: 3.839 min
Delta R.T.: -0.006 min
Response: 343118
Conc: 291.57 ng/ml



#11 AR-1232-1

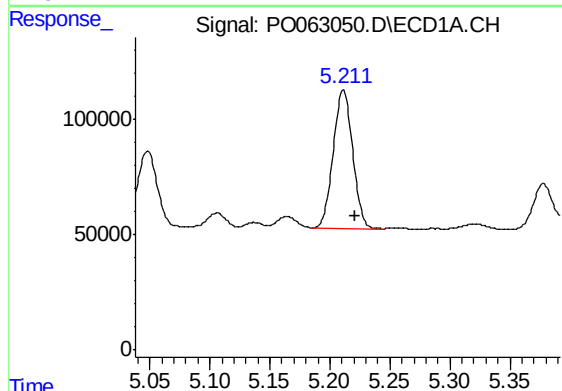
R.T.: 4.687 min
Delta R.T.: -0.009 min
Response: 472189
Conc: 216.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



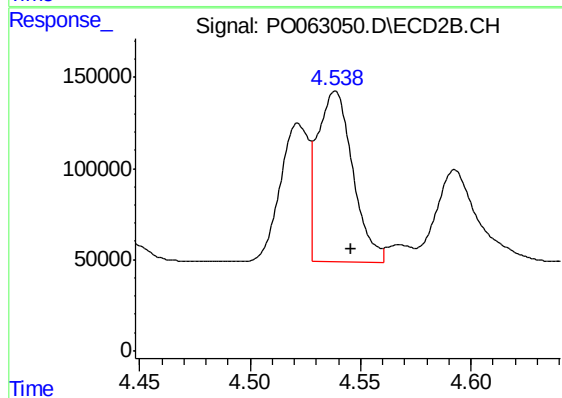
#11 AR-1232-1

R.T.: 3.839 min
Delta R.T.: -0.006 min
Response: 343118
Conc: 221.44 ng/ml



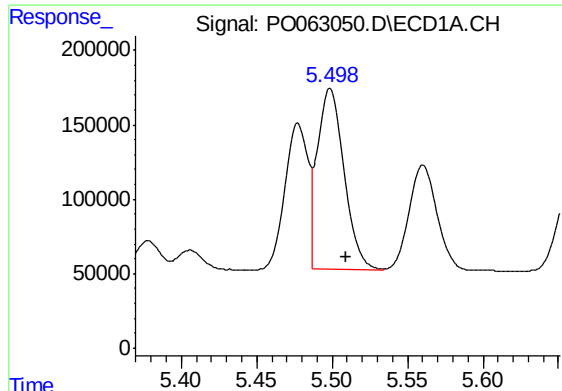
#12 AR-1232-2

R.T.: 5.211 min
Delta R.T.: -0.010 min
Response: 679585
Conc: 569.60 ng/ml



#12 AR-1232-2

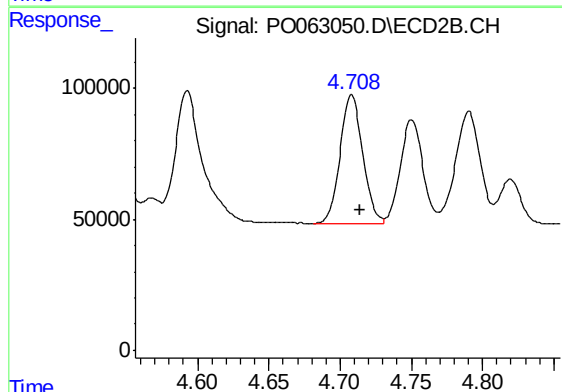
R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 1037219
Conc: 600.78 ng/ml



#13 AR-1232-3

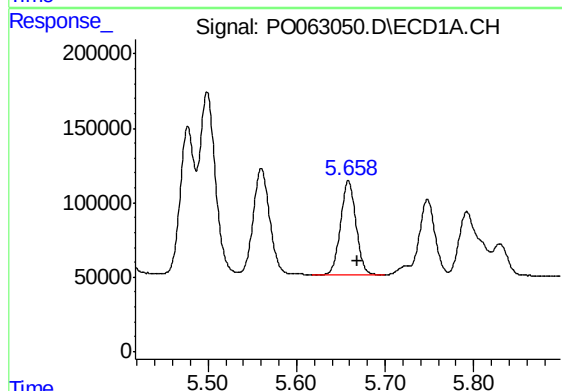
R.T.: 5.499 min
Delta R.T.: -0.010 min
Response: 1478957
Conc: 578.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



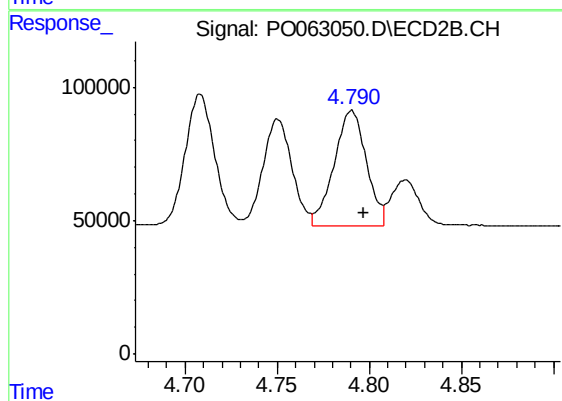
#13 AR-1232-3

R.T.: 4.708 min
Delta R.T.: -0.006 min
Response: 544432
Conc: 595.64 ng/ml



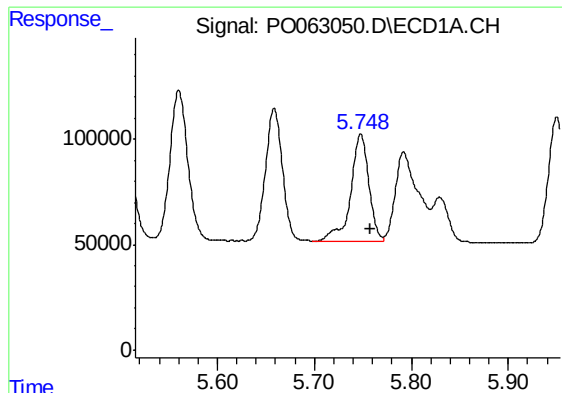
#14 AR-1232-4

R.T.: 5.659 min
Delta R.T.: -0.010 min
Response: 763593
Conc: 594.02 ng/ml



#14 AR-1232-4

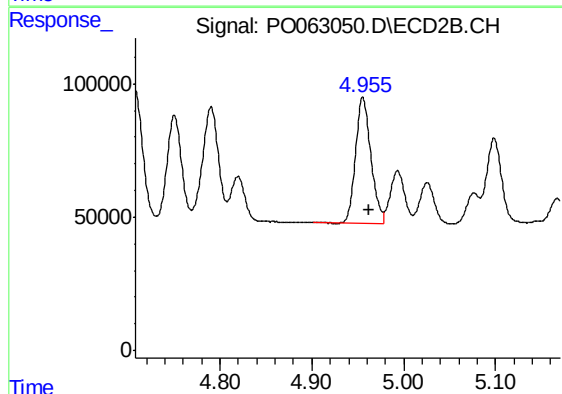
R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 526215
Conc: 646.84 ng/ml



#15 AR-1232-5

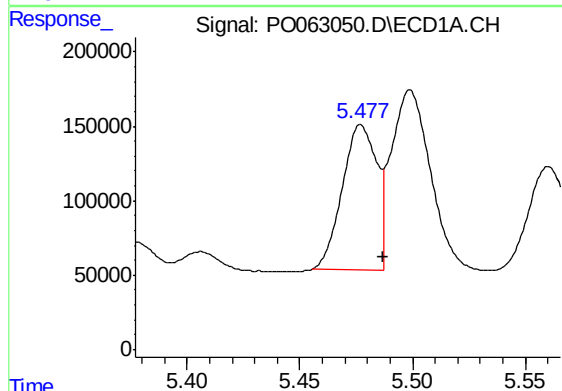
R.T.: 5.748 min
Delta R.T.: -0.010 min
Response: 672279
Conc: 679.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



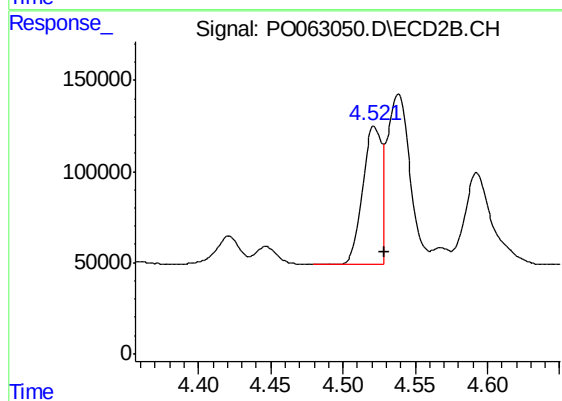
#15 AR-1232-5

R.T.: 4.956 min
Delta R.T.: -0.007 min
Response: 550717
Conc: 623.57 ng/ml



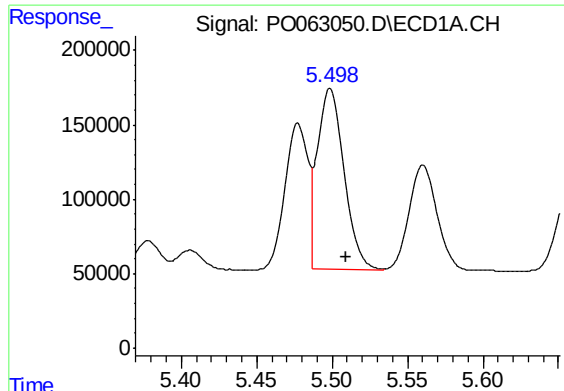
#16 AR-1242-1

R.T.: 5.477 min
Delta R.T.: -0.010 min
Response: 1025962
Conc: 553.68 ng/ml



#16 AR-1242-1

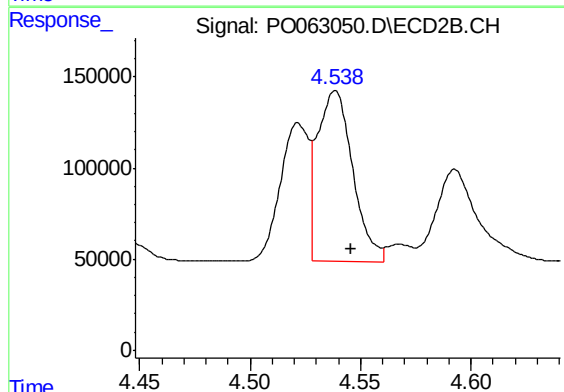
R.T.: 4.522 min
Delta R.T.: -0.007 min
Response: 690413
Conc: 574.07 ng/ml



#17 AR-1242-2

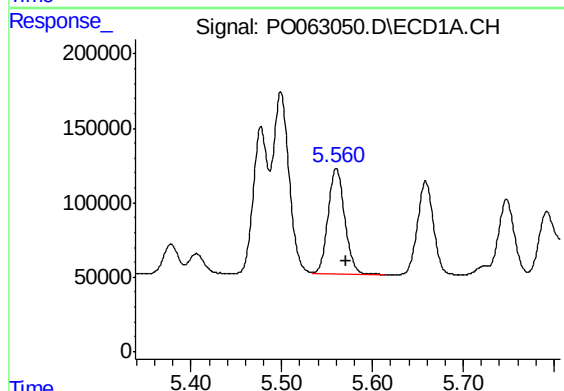
R.T.: 5.499 min
Delta R.T.: -0.010 min
Response: 1478957
Conc: 557.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



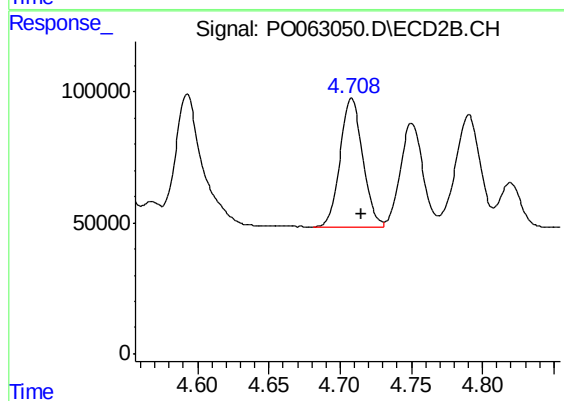
#17 AR-1242-2

R.T.: 4.538 min
Delta R.T.: -0.007 min
Response: 1037219
Conc: 582.30 ng/ml



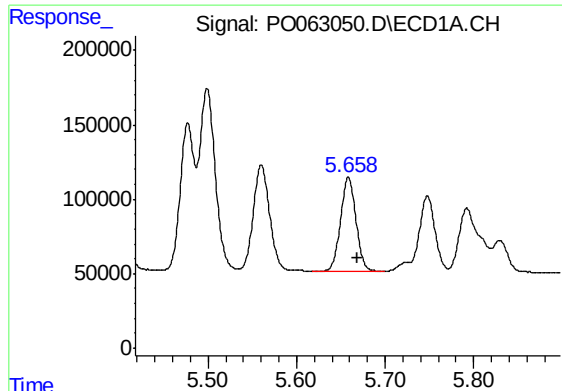
#18 AR-1242-3

R.T.: 5.560 min
Delta R.T.: -0.010 min
Response: 892167
Conc: 546.29 ng/ml



#18 AR-1242-3

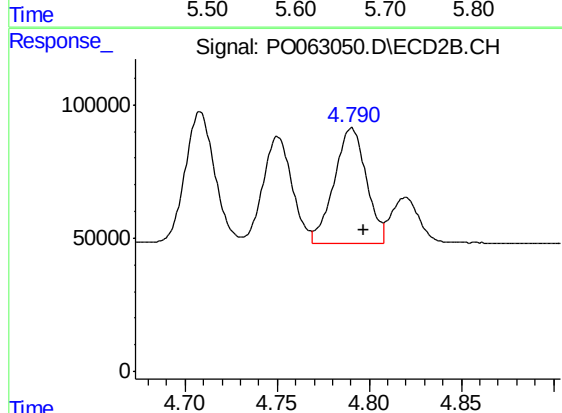
R.T.: 4.708 min
Delta R.T.: -0.007 min
Response: 544432
Conc: 571.86 ng/ml



#19 AR-1242-4

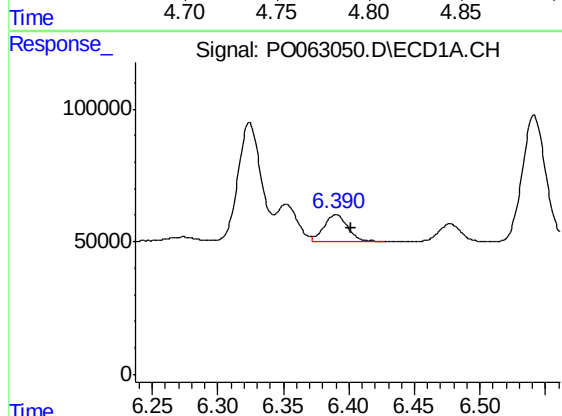
R.T.: 5.659 min
Delta R.T.: -0.010 min
Response: 763593
Conc: 565.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



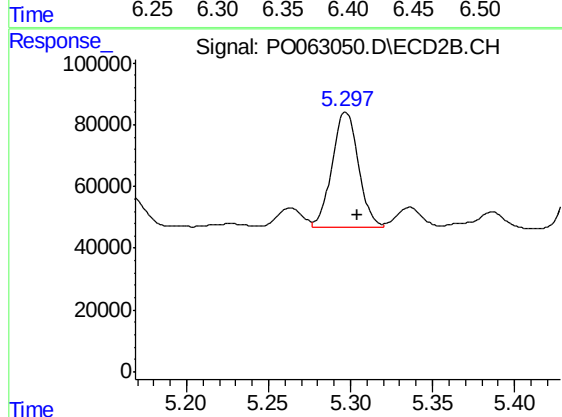
#19 AR-1242-4

R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 526215
Conc: 557.41 ng/ml



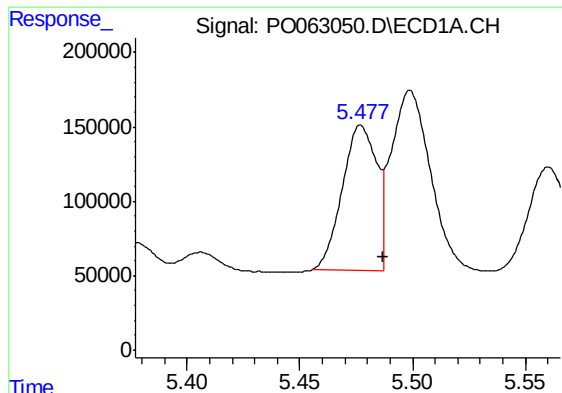
#20 AR-1242-5

R.T.: 6.390 min
Delta R.T.: -0.011 min
Response: 124290
Conc: 81.32 ng/ml



#20 AR-1242-5

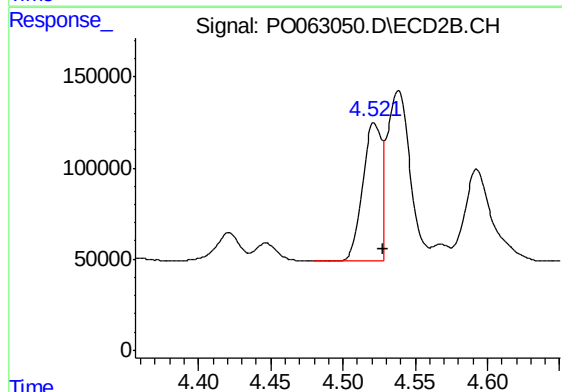
R.T.: 5.297 min
Delta R.T.: -0.007 min
Response: 420691
Conc: 352.55 ng/ml



#21 AR-1248-1

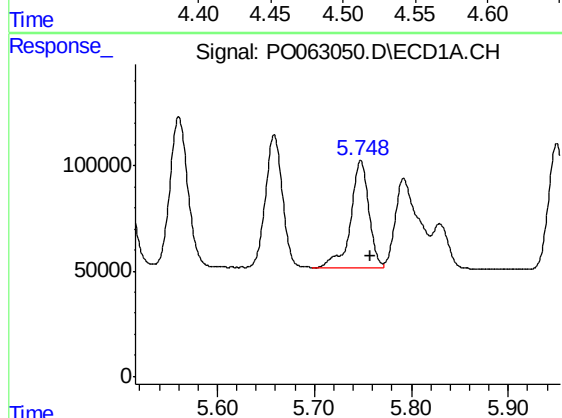
R.T.: 5.477 min
Delta R.T.: -0.010 min
Response: 1025962
Conc: 715.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



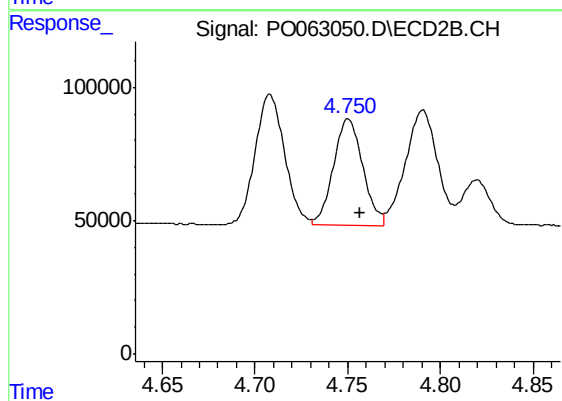
#21 AR-1248-1

R.T.: 4.522 min
Delta R.T.: -0.006 min
Response: 690413
Conc: 703.25 ng/ml



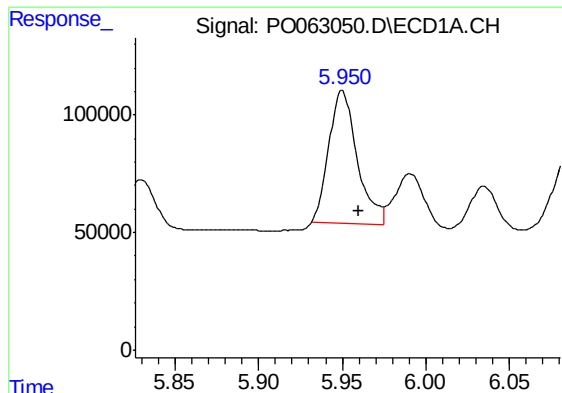
#22 AR-1248-2

R.T.: 5.748 min
Delta R.T.: -0.010 min
Response: 672279
Conc: 335.78 ng/ml



#22 AR-1248-2

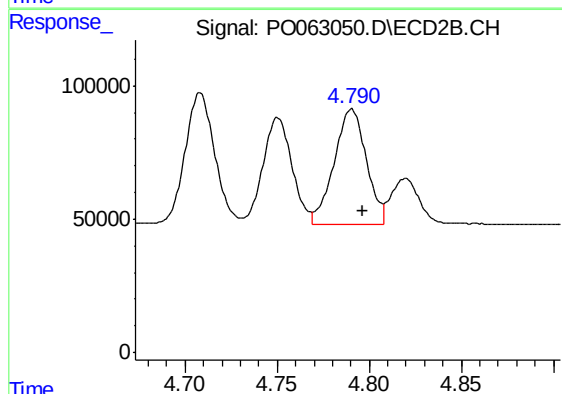
R.T.: 4.750 min
Delta R.T.: -0.006 min
Response: 440811
Conc: 347.94 ng/ml



#23 AR-1248-3

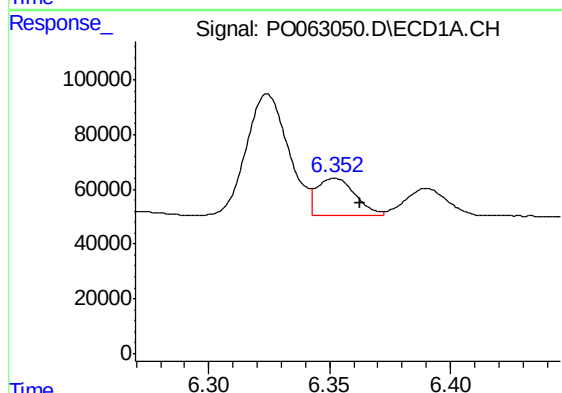
R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 670091
Conc: 303.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



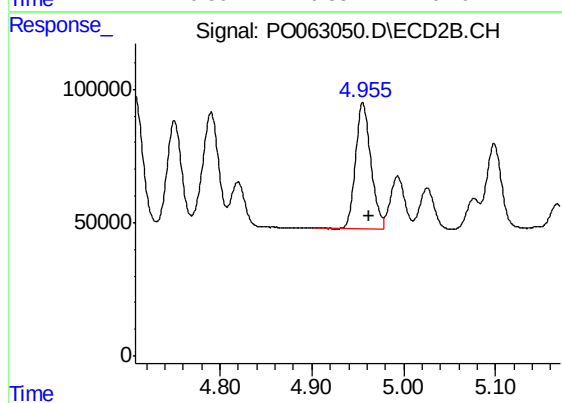
#23 AR-1248-3

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 526215
Conc: 396.41 ng/ml



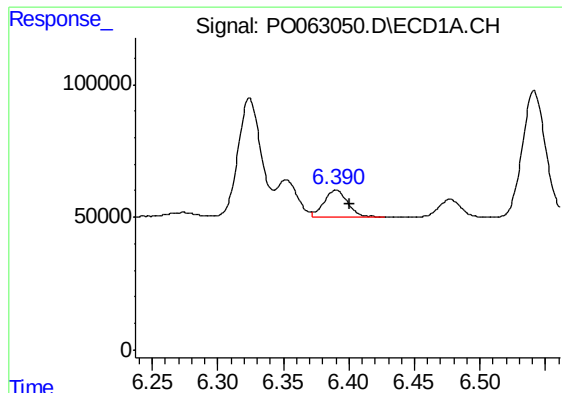
#24 AR-1248-4

R.T.: 6.352 min
Delta R.T.: -0.011 min
Response: 153509
Conc: 60.09 ng/ml



#24 AR-1248-4

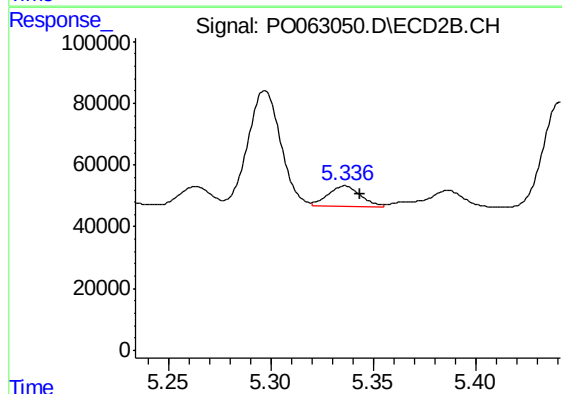
R.T.: 4.956 min
Delta R.T.: -0.007 min
Response: 550717
Conc: 348.03 ng/ml



#25 AR-1248-5

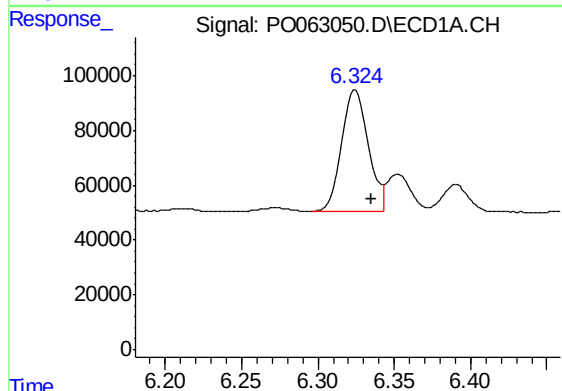
R.T.: 6.390 min
Delta R.T.: -0.011 min
Response: 124290
Conc: 50.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



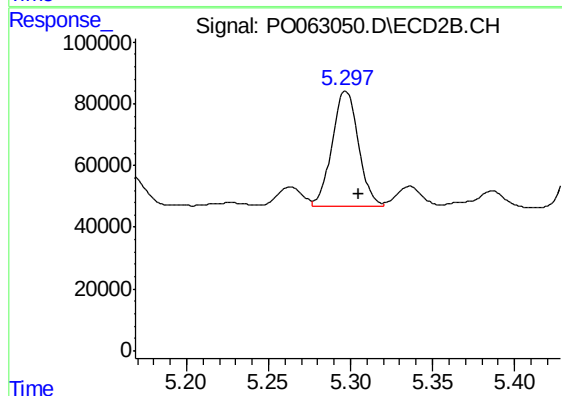
#25 AR-1248-5

R.T.: 5.336 min
Delta R.T.: -0.007 min
Response: 74847
Conc: 48.63 ng/ml



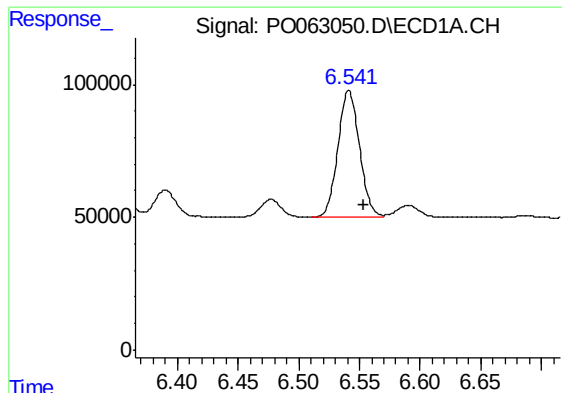
#26 AR-1254-1

R.T.: 6.324 min
Delta R.T.: -0.011 min
Response: 541643
Conc: 203.20 ng/ml



#26 AR-1254-1

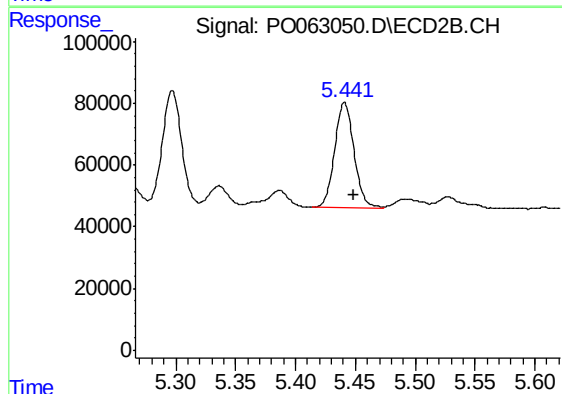
R.T.: 5.297 min
Delta R.T.: -0.008 min
Response: 420691
Conc: 172.01 ng/ml



#27 AR-1254-2

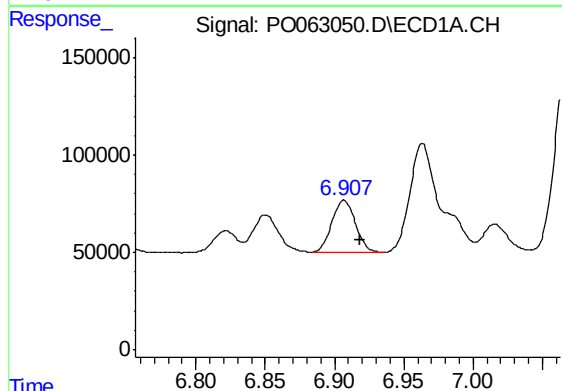
R.T.: 6.541 min
Delta R.T.: -0.012 min
Response: 590810
Conc: 144.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



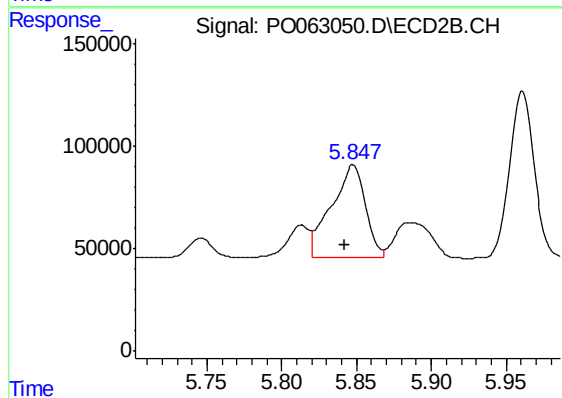
#27 AR-1254-2

R.T.: 5.441 min
Delta R.T.: -0.008 min
Response: 382964
Conc: 180.83 ng/ml



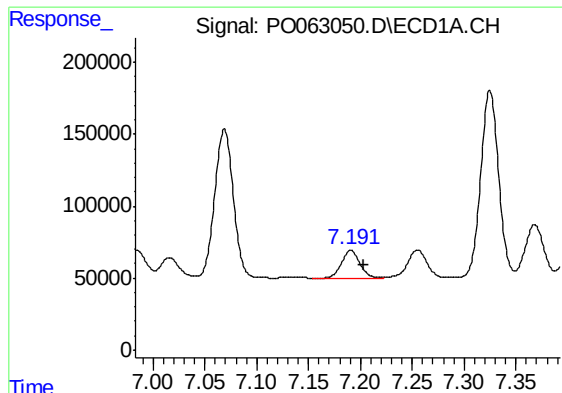
#28 AR-1254-3

R.T.: 6.907 min
Delta R.T.: -0.011 min
Response: 319196
Conc: 76.29 ng/ml



#28 AR-1254-3

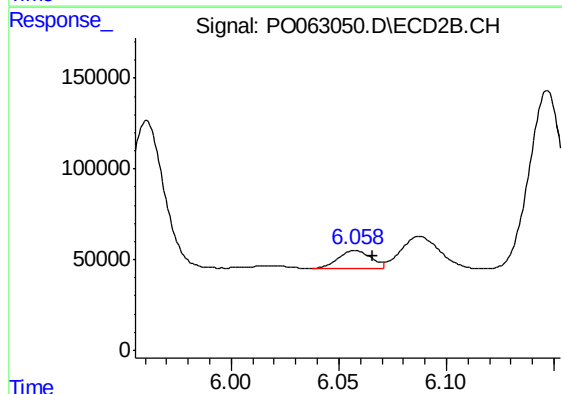
R.T.: 5.848 min
Delta R.T.: 0.006 min
Response: 725083
Conc: 222.54 ng/ml



#29 AR-1254-4

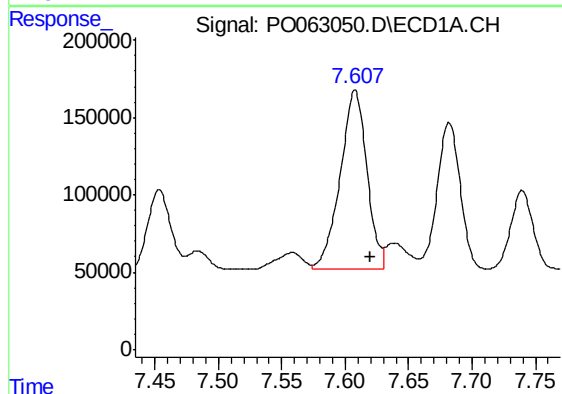
R.T.: 7.191 min
Delta R.T.: -0.012 min
Response: 236248
Conc: 78.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



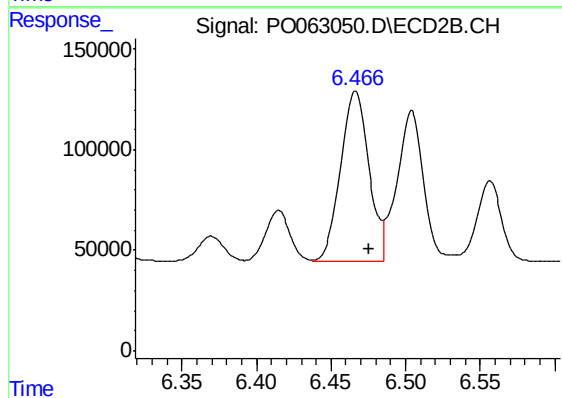
#29 AR-1254-4

R.T.: 6.058 min
Delta R.T.: -0.008 min
Response: 106683
Conc: 55.24 ng/ml



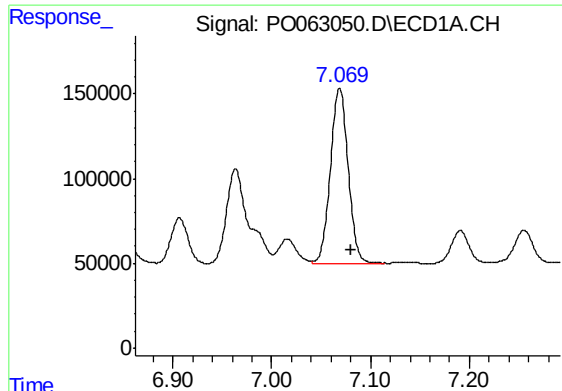
#30 AR-1254-5

R.T.: 7.608 min
Delta R.T.: -0.013 min
Response: 1705133
Conc: 544.09 ng/ml



#30 AR-1254-5

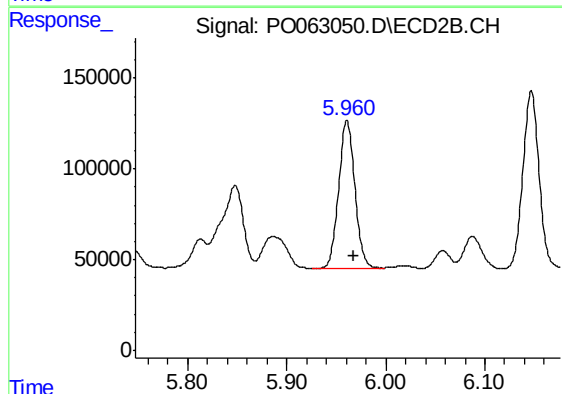
R.T.: 6.466 min
Delta R.T.: -0.009 min
Response: 1113657
Conc: 421.65 ng/ml



#31 AR-1260-1

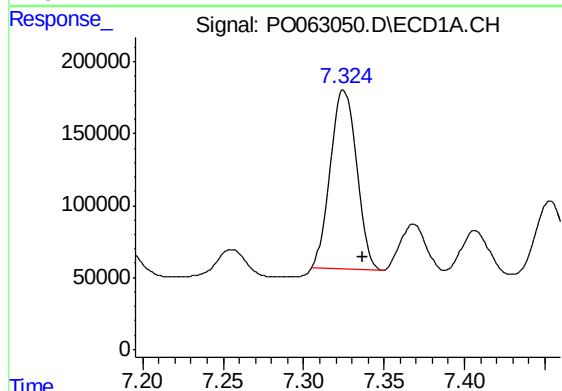
R.T.: 7.069 min
Delta R.T.: -0.011 min
Response: 1287518
Conc: 452.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



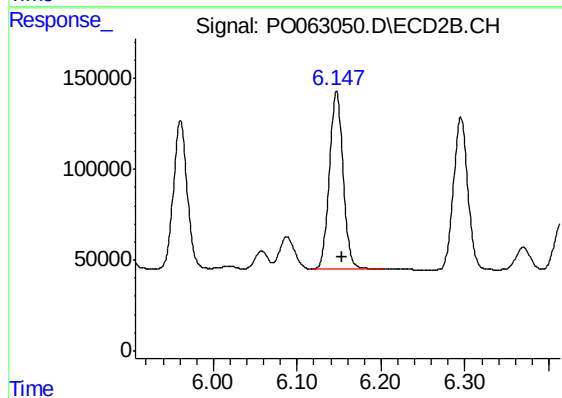
#31 AR-1260-1

R.T.: 5.961 min
Delta R.T.: -0.007 min
Response: 931740
Conc: 438.52 ng/ml



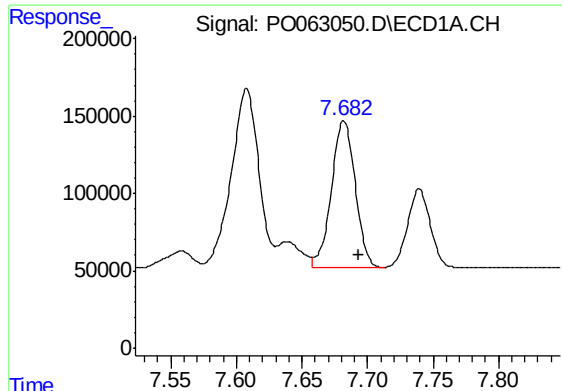
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: -0.012 min
Response: 1419191
Conc: 413.69 ng/ml



#32 AR-1260-2

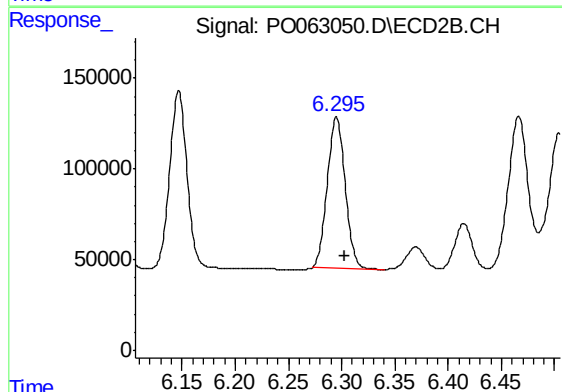
R.T.: 6.147 min
Delta R.T.: -0.007 min
Response: 1122824
Conc: 442.47 ng/ml



#33 AR-1260-3

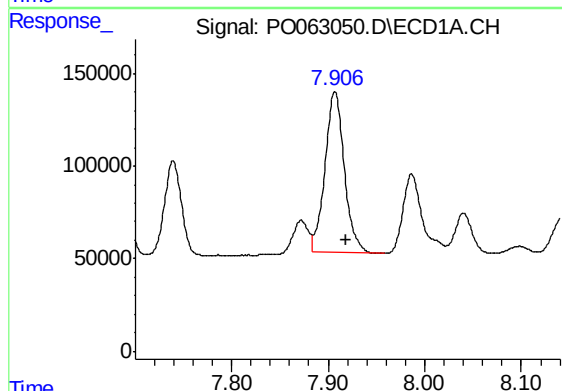
R.T.: 7.682 min
Delta R.T.: -0.012 min
Response: 1211172
Conc: 457.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



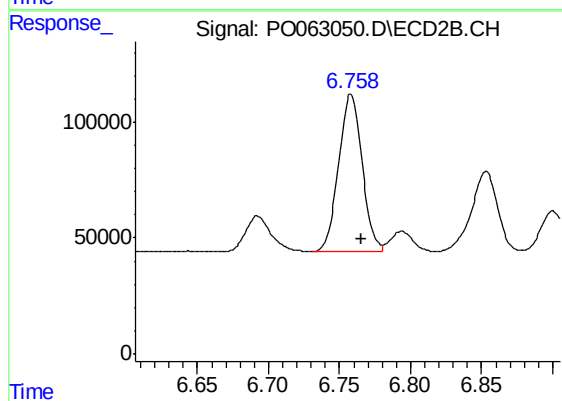
#33 AR-1260-3

R.T.: 6.295 min
Delta R.T.: -0.008 min
Response: 977972
Conc: 433.09 ng/ml



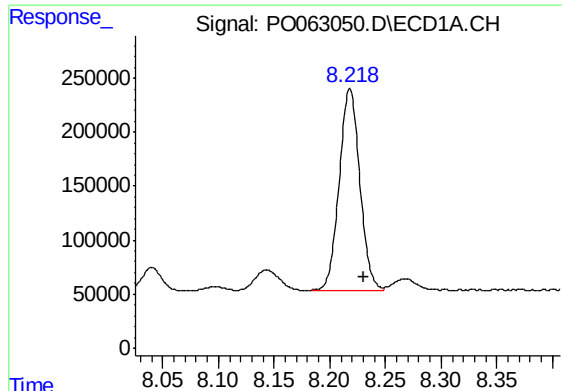
#34 AR-1260-4

R.T.: 7.907 min
Delta R.T.: -0.011 min
Response: 1204729
Conc: 430.71 ng/ml



#34 AR-1260-4

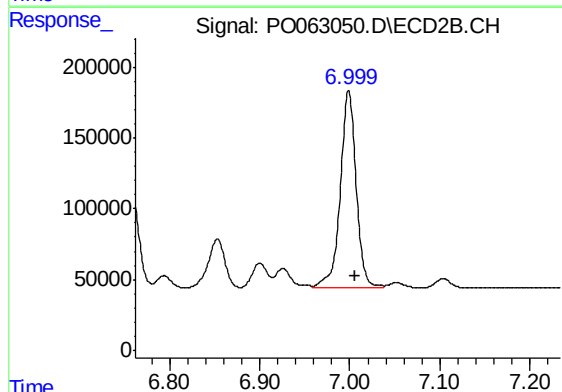
R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 782369
Conc: 445.58 ng/ml



#35 AR-1260-5

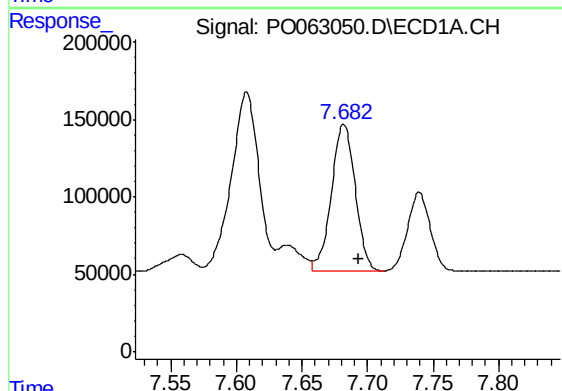
R.T.: 8.218 min
Delta R.T.: -0.012 min
Response: 2397853
Conc: 457.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



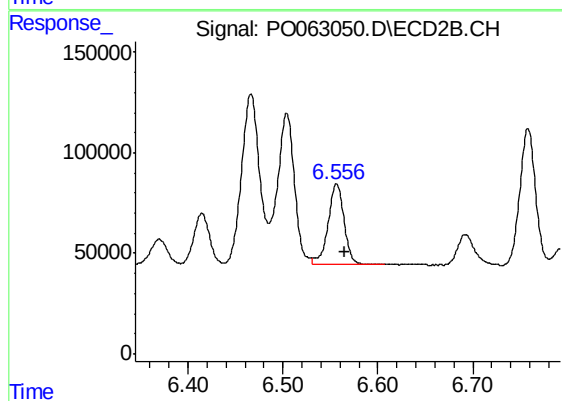
#35 AR-1260-5

R.T.: 6.999 min
Delta R.T.: -0.008 min
Response: 1722718
Conc: 478.21 ng/ml



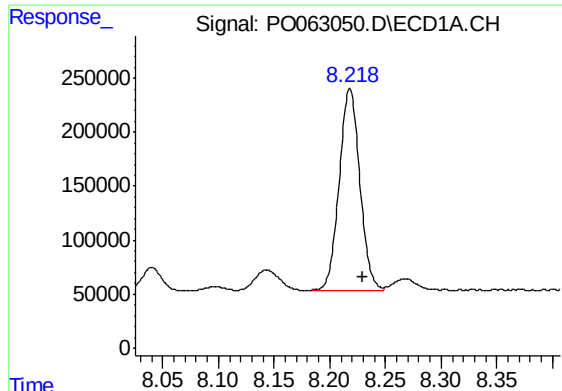
#36 AR-1262-1

R.T.: 7.682 min
Delta R.T.: -0.011 min
Response: 1211172
Conc: 295.06 ng/ml



#36 AR-1262-1

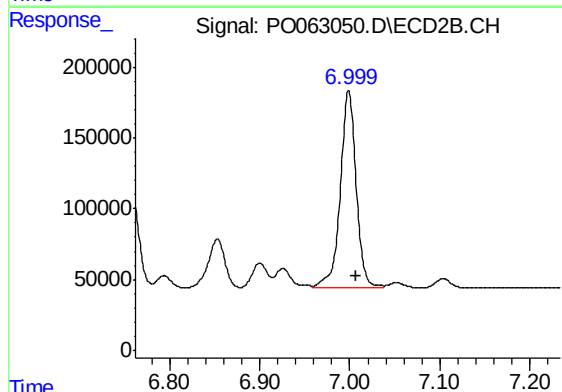
R.T.: 6.556 min
Delta R.T.: -0.009 min
Response: 473853
Conc: 397.61 ng/ml



#37 AR-1262-2

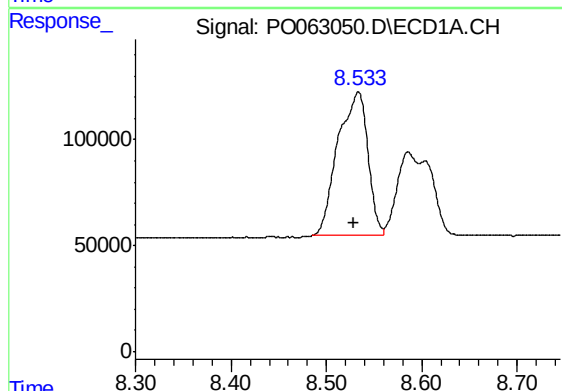
R.T.: 8.218 min
Delta R.T.: -0.011 min
Response: 2397853
Conc: 371.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



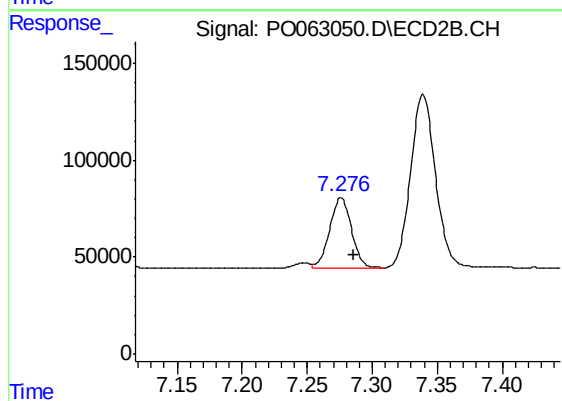
#37 AR-1262-2

R.T.: 6.999 min
Delta R.T.: -0.008 min
Response: 1722718
Conc: 409.99 ng/ml



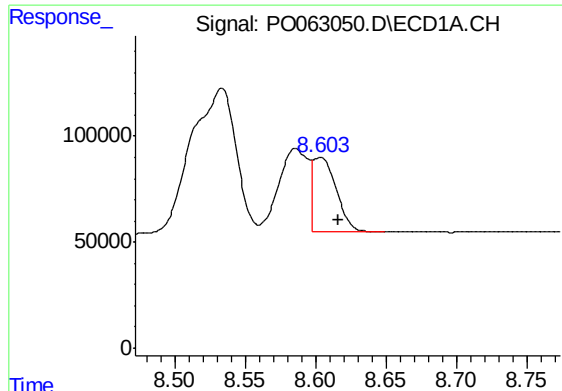
#38 AR-1262-3

R.T.: 8.534 min
Delta R.T.: 0.005 min
Response: 1482042
Conc: 337.03 ng/ml



#38 AR-1262-3

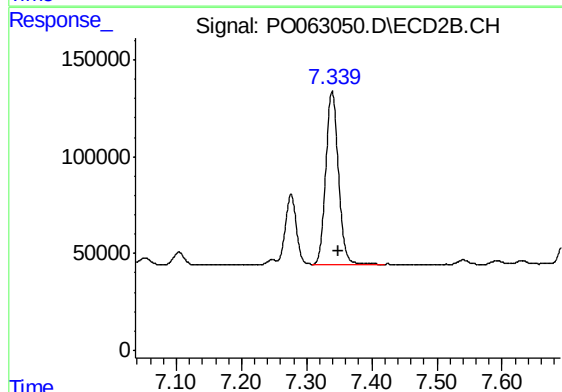
R.T.: 7.276 min
Delta R.T.: -0.010 min
Response: 418323
Conc: 237.84 ng/ml



#39 AR-1262-4

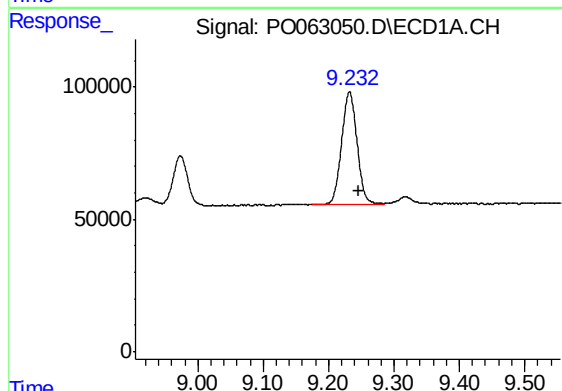
R.T.: 8.603 min
Delta R.T.: -0.012 min
Response: 405314
Conc: 117.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



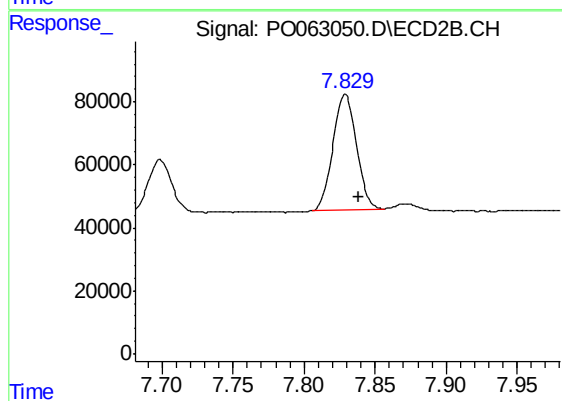
#39 AR-1262-4

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 1198342
Conc: 391.98 ng/ml



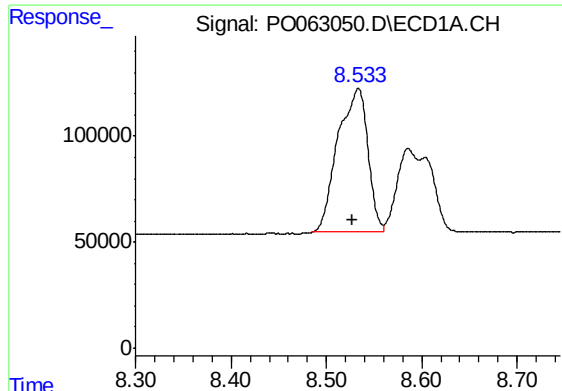
#40 AR-1262-5

R.T.: 9.232 min
Delta R.T.: -0.013 min
Response: 695589
Conc: 307.96 ng/ml



#40 AR-1262-5

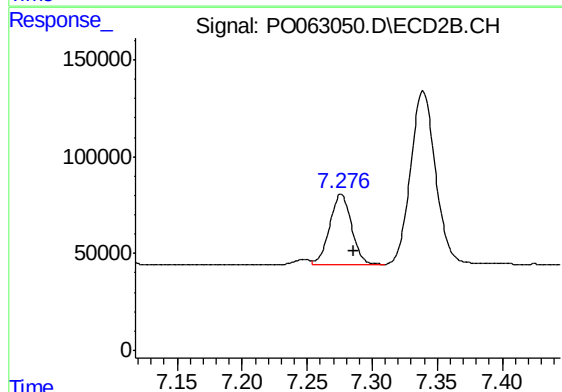
R.T.: 7.829 min
Delta R.T.: -0.010 min
Response: 423886
Conc: 324.56 ng/ml



#41 AR-1268-1

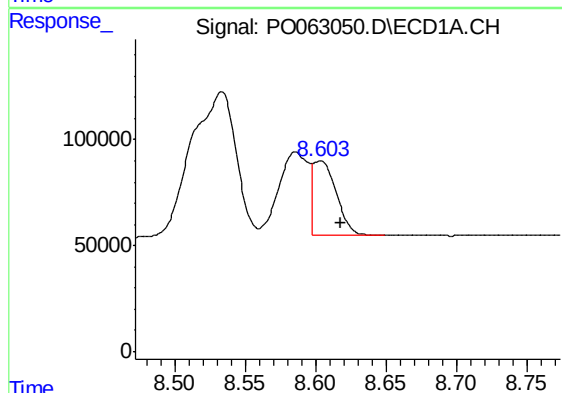
R.T.: 8.534 min
Delta R.T.: 0.007 min
Response: 1482042
Conc: 195.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



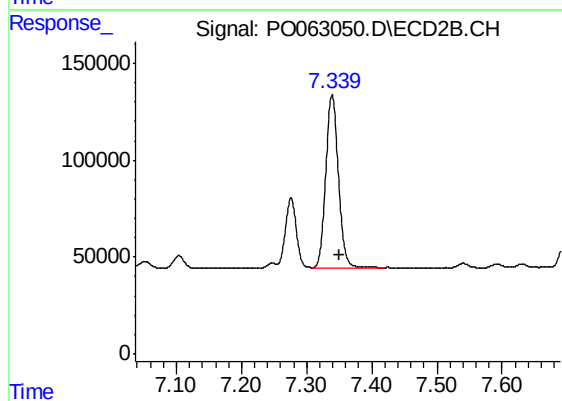
#41 AR-1268-1

R.T.: 7.276 min
Delta R.T.: -0.009 min
Response: 418323
Conc: 89.33 ng/ml



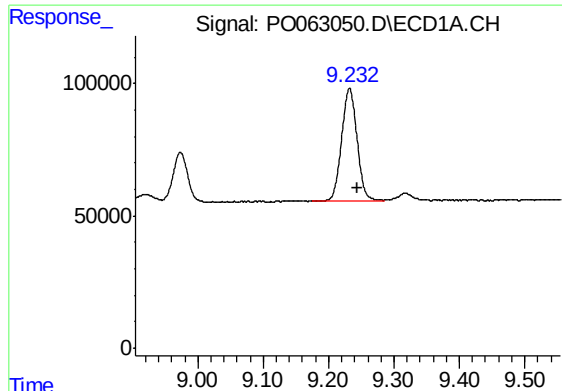
#42 AR-1268-2

R.T.: 8.603 min
Delta R.T.: -0.015 min
Response: 405314
Conc: 57.70 ng/ml



#42 AR-1268-2

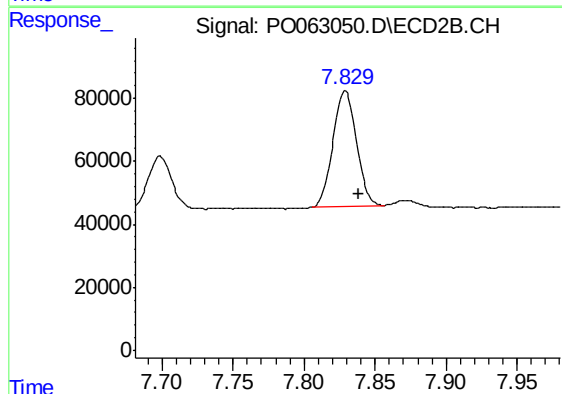
R.T.: 7.339 min
Delta R.T.: -0.011 min
Response: 1198342
Conc: 286.84 ng/ml



#44 AR-1268-4

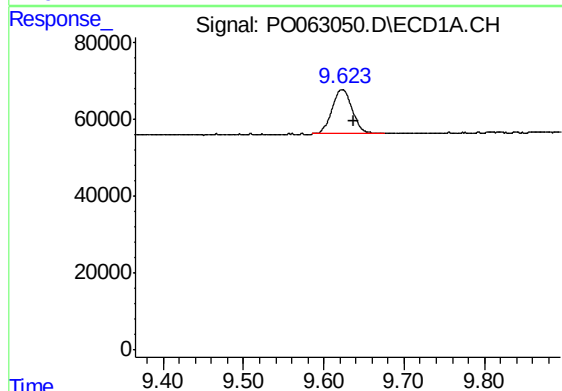
R.T.: 9.232 min
Delta R.T.: -0.013 min
Response: 695589
Conc: 292.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



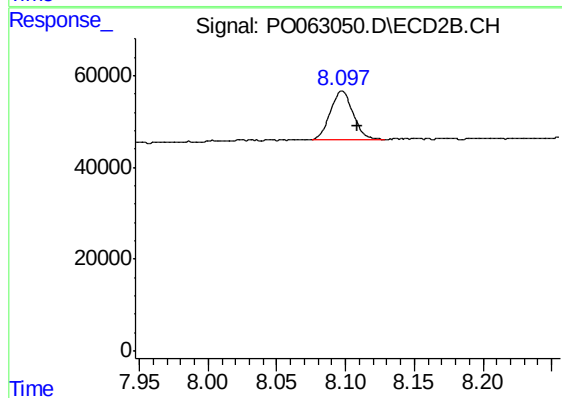
#44 AR-1268-4

R.T.: 7.829 min
Delta R.T.: -0.009 min
Response: 423886
Conc: 297.49 ng/ml



#45 AR-1268-5

R.T.: 9.623 min
Delta R.T.: -0.014 min
Response: 202740
Conc: 11.25 ng/ml



#45 AR-1268-5

R.T.: 8.097 min
Delta R.T.: -0.011 min
Response: 121056
Conc: 13.08 ng/ml