

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011620\
 Data File : P0065552.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jan 2020 14:44
 Operator : DD\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: Jan 16 15:15:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.159	3.434	1039640	1101965	56.934	50.095
2)	SA Decachlor...	9.664	8.339	1700965	2090145	50.202	50.401
Target Compounds							
3)	L1 AR-1016-1	5.309	4.511	459846	763029	527.255	740.549 #
4)	L1 AR-1016-2	5.331	4.511	686023	763029	534.834	526.545
5)	L1 AR-1016-3	5.392	4.684	428030	406087	543.270	522.328
6)	L1 AR-1016-4	5.489	4.726	364868	339837	565.492	508.308
7)	L1 AR-1016-5	5.779	4.936	364487	445812	549.802	523.951
8)	L2 AR-1221-1	0.000	3.642	0	36753	N.D.	141.755 #
9)	L2 AR-1221-2	4.527	3.727	211327	54957	1353.496	278.717 #
10)	L2 AR-1221-3	4.527	3.800	211327	231260	404.677	358.936
11)	L3 AR-1232-1	4.527	3.800	211327	231260	522.486	464.188
12)	L3 AR-1232-2	5.045	4.511	303846	763029	1444.878	1415.004
13)	L3 AR-1232-3	5.331	4.684	686023	406087	1469.134	1427.550
14)	L3 AR-1232-4	5.489	4.767	364868	411423	1563.908	1538.992
15)	L3 AR-1232-5	5.579	4.936	307711	445812	1740.429	1555.062
16)	L4 AR-1242-1	5.309	4.493	459846	524499	789.867	769.502
17)	L4 AR-1242-2	5.331	4.511	686023	763029	802.287	796.209
18)	L4 AR-1242-3	5.392	4.684	428030	406087	816.251	792.266
19)	L4 AR-1242-4	5.489	4.767	364868	411423	861.239	787.165
20)	L4 AR-1242-5	0.000	5.282	0	348569	N.D.	479.597 #
21)	L5 AR-1248-1	5.309	4.511	459846	763029	988.257	1376.406 #
22)	L5 AR-1248-2	5.579	4.726	307711	339837	466.332	442.935
23)	L5 AR-1248-3	5.779	4.767	364487	411423	483.734	522.914
24)	L5 AR-1248-4	6.151	4.936	188757	445812	199.265	465.112 #
25)	L5 AR-1248-5	0.000	5.322	0	59423	N.D.	58.702 #
26)	L6 AR-1254-1	6.151	5.282	188757	348569	222.505	240.607
27)	L6 AR-1254-2	6.368	5.428	298940	337073	217.535	254.831
28)	L6 AR-1254-3	6.731	5.840	197259	672923	127.273	298.610 #
29)	L6 AR-1254-4	7.014	6.054	146475	108392	114.908	71.898 #
30)	L6 AR-1254-5	7.429	6.466	1141896	1346555	813.131	604.939 #
31)	L7 AR-1260-1	6.893	5.954	741283	938904	537.461	498.713
32)	L7 AR-1260-2	7.149	6.143	952828	1203504	543.069	495.372
33)	L7 AR-1260-3	7.505	6.293	784410	1087509	554.980	502.427
34)	L7 AR-1260-4	7.728	6.760	866655	978777	496.345	487.870
35)	L7 AR-1260-5	8.034	7.002	1853606	2463132	552.724	497.554
36)	L8 AR-1262-1	7.505	6.557	784410	511473	474.175	542.534
37)	L8 AR-1262-2	8.034	7.002	1853606	2463132	578.822	548.177
38)	L8 AR-1262-3	8.331	7.282	1196448	558709	525.582	331.963 #
39)	L8 AR-1262-4	8.399	7.345	355512	1840864	201.115	535.290 #
40)	L8 AR-1262-5	8.996	7.838	589761	704250	443.340	412.998
41)	L9 AR-1268-1	8.331	7.282	1196448	558709	294.097	105.201 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011620\
Data File : P0065552.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Jan 2020 14:44
Operator : DD\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

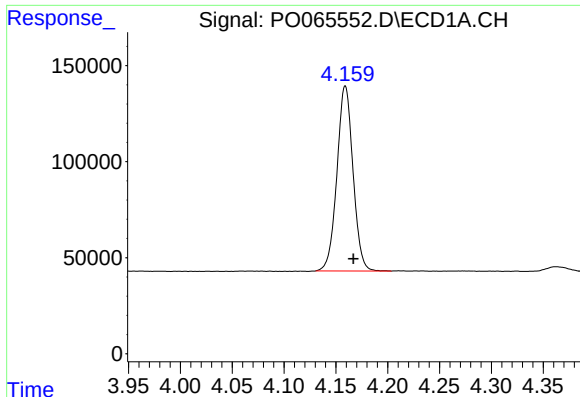
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 16 15:15:00 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 04 04:01:28 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.399	7.345	355512	1840864	92.374	362.409 #
43)	L9 AR-1268-3	0.000	7.548	0	45371	N.D.	10.681 #
44)	L9 AR-1268-4	8.996	7.838	589761	704250	383.942	355.820
45)	L9 AR-1268-5	9.365	8.108	173528	237908	15.662	16.547

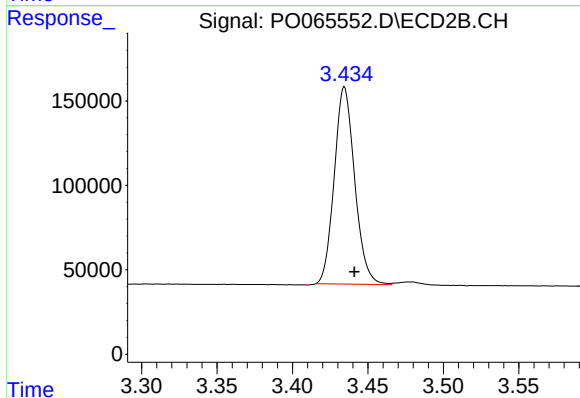
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

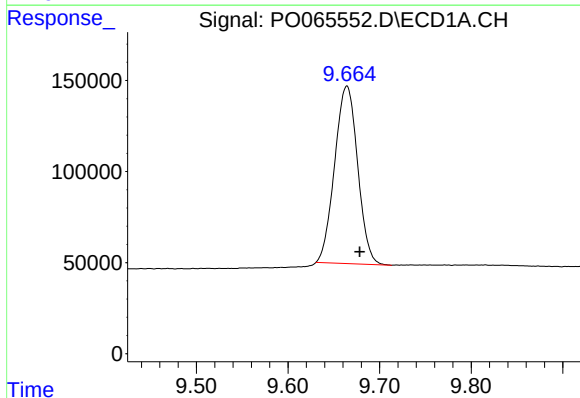
R.T.: 4.159 min
Delta R.T.: -0.008 min
Response: 1039640
Conc: 56.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



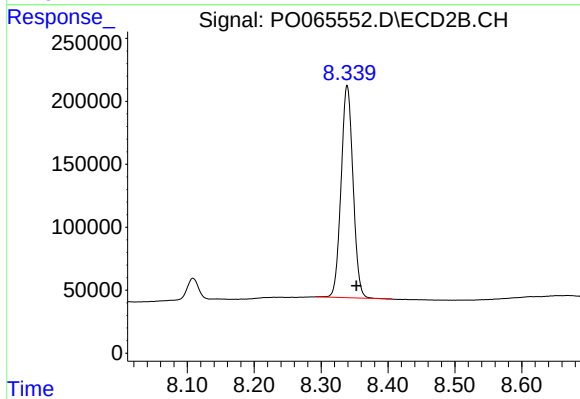
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: -0.007 min
Response: 1101965
Conc: 50.10 ng/ml



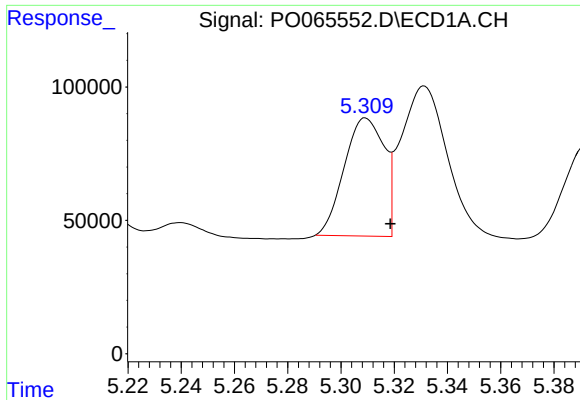
#2 Decachlorobiphenyl

R.T.: 9.664 min
Delta R.T.: -0.014 min
Response: 1700965
Conc: 50.20 ng/ml



#2 Decachlorobiphenyl

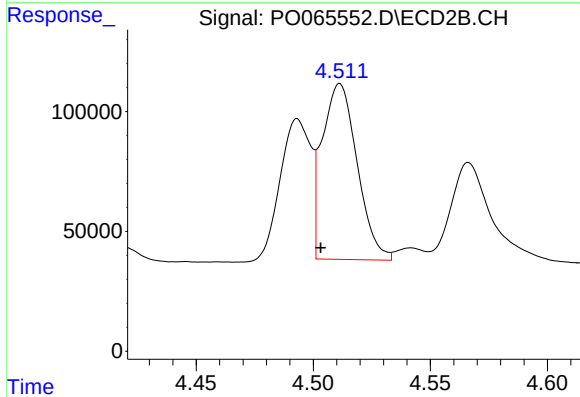
R.T.: 8.339 min
Delta R.T.: -0.014 min
Response: 2090145
Conc: 50.40 ng/ml



#3 AR-1016-1

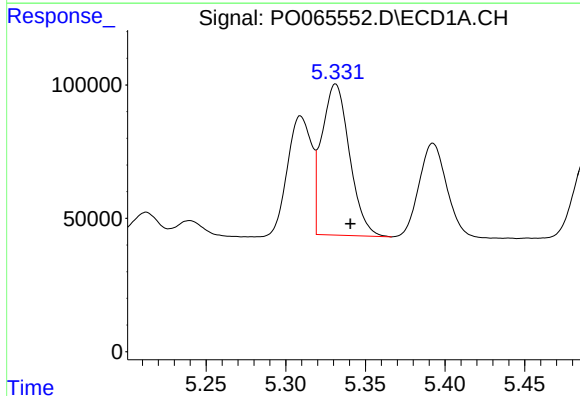
R.T.: 5.309 min
Delta R.T.: -0.009 min
Response: 459846
Conc: 527.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



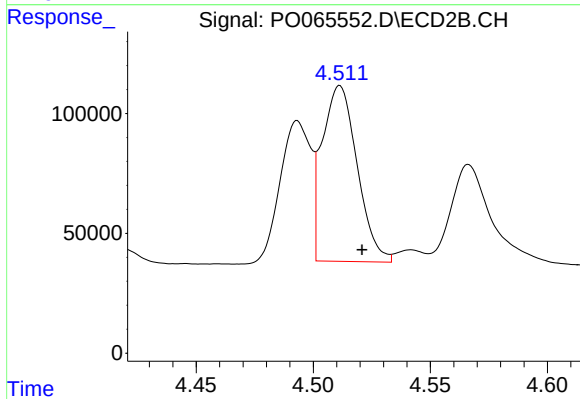
#3 AR-1016-1

R.T.: 4.511 min
Delta R.T.: 0.008 min
Response: 763029
Conc: 740.55 ng/ml



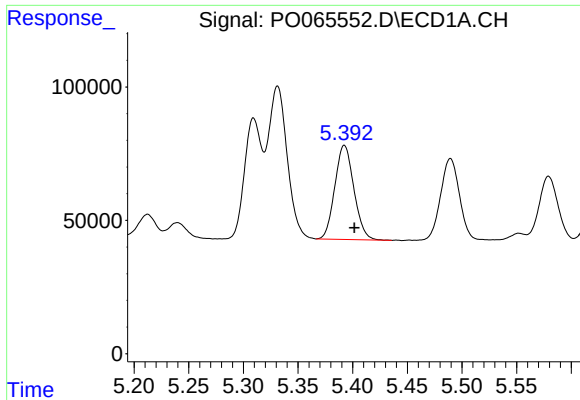
#4 AR-1016-2

R.T.: 5.331 min
Delta R.T.: -0.009 min
Response: 686023
Conc: 534.83 ng/ml



#4 AR-1016-2

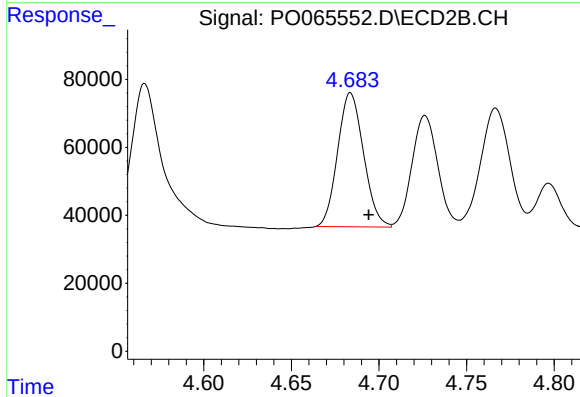
R.T.: 4.511 min
Delta R.T.: -0.009 min
Response: 763029
Conc: 526.54 ng/ml



#5 AR-1016-3

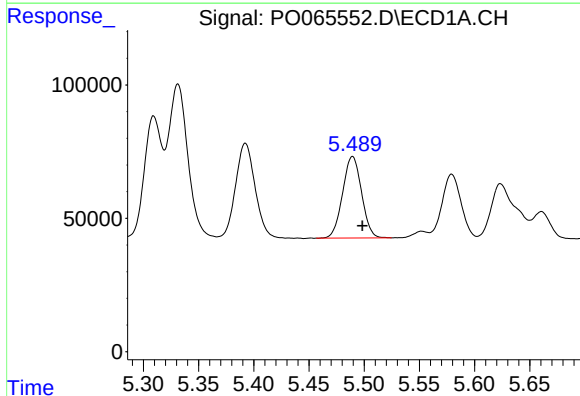
R.T.: 5.392 min
Delta R.T.: -0.009 min
Response: 428030
Conc: 543.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



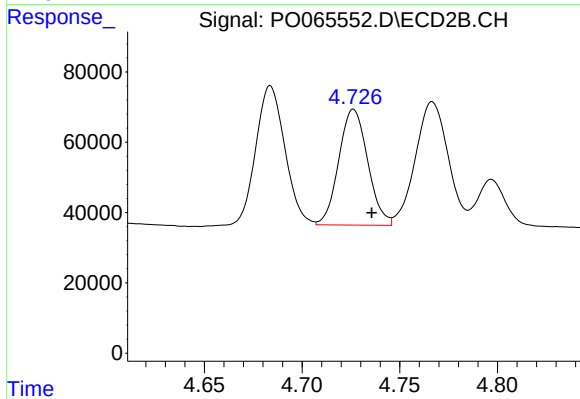
#5 AR-1016-3

R.T.: 4.684 min
Delta R.T.: -0.010 min
Response: 406087
Conc: 522.33 ng/ml



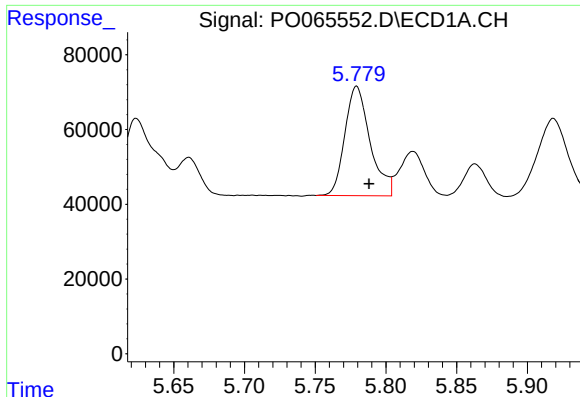
#6 AR-1016-4

R.T.: 5.489 min
Delta R.T.: -0.009 min
Response: 364868
Conc: 565.49 ng/ml



#6 AR-1016-4

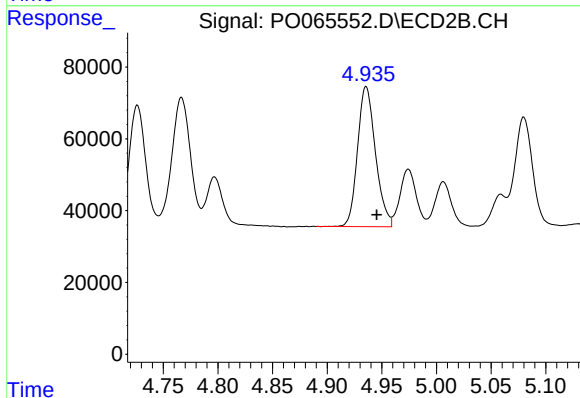
R.T.: 4.726 min
Delta R.T.: -0.009 min
Response: 339837
Conc: 508.31 ng/ml



#7 AR-1016-5

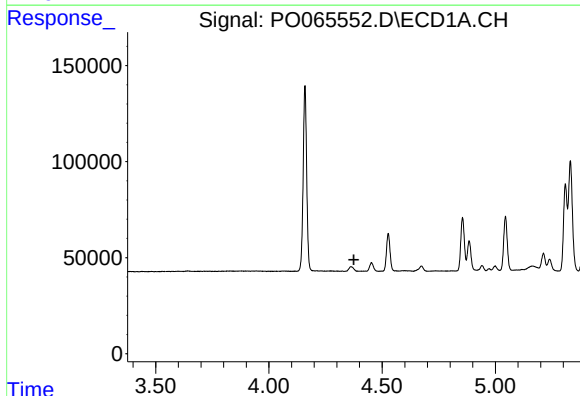
R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 364487
Conc: 549.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



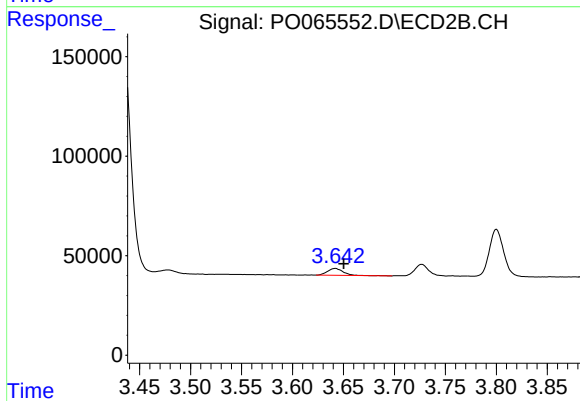
#7 AR-1016-5

R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 445812
Conc: 523.95 ng/ml



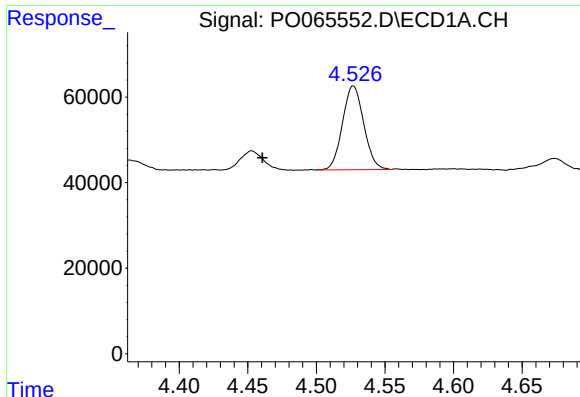
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.375 min
Response: 0
Conc: N.D.



#8 AR-1221-1

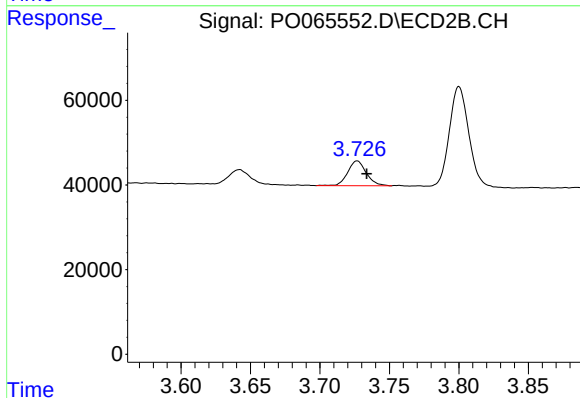
R.T.: 3.642 min
Delta R.T.: -0.008 min
Response: 36753
Conc: 141.76 ng/ml



#9 AR-1221-2

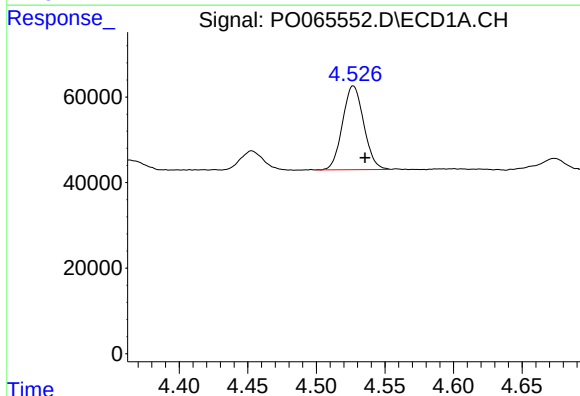
R.T.: 4.527 min
Delta R.T.: 0.066 min
Response: 211327
Conc: 1353.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



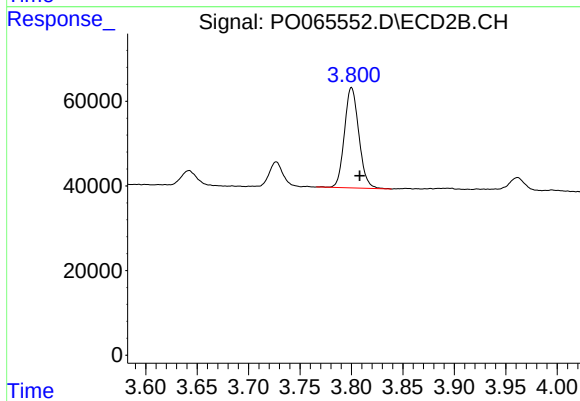
#9 AR-1221-2

R.T.: 3.727 min
Delta R.T.: -0.007 min
Response: 54957
Conc: 278.72 ng/ml



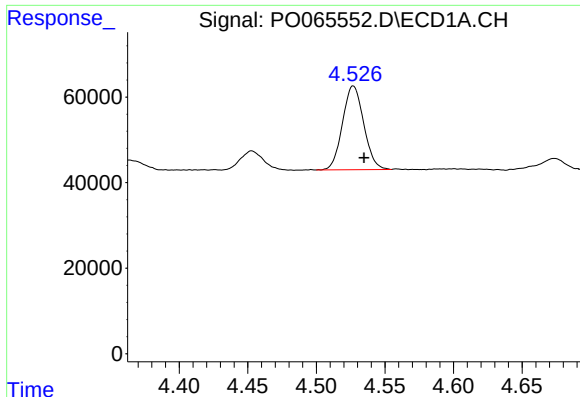
#10 AR-1221-3

R.T.: 4.527 min
Delta R.T.: -0.009 min
Response: 211327
Conc: 404.68 ng/ml



#10 AR-1221-3

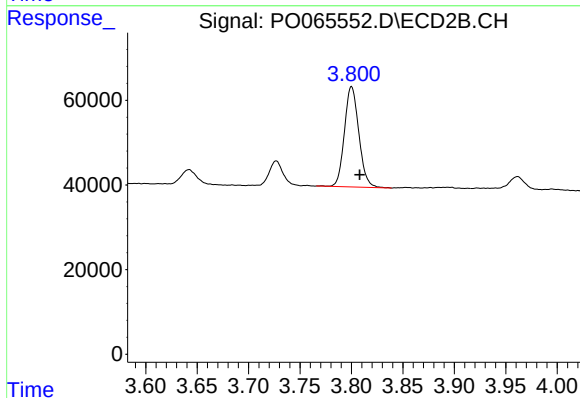
R.T.: 3.800 min
Delta R.T.: -0.008 min
Response: 231260
Conc: 358.94 ng/ml



#11 AR-1232-1

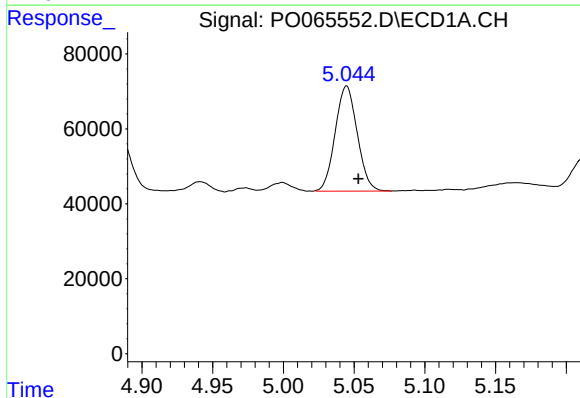
R.T.: 4.527 min
Delta R.T.: -0.008 min
Response: 211327
Conc: 522.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



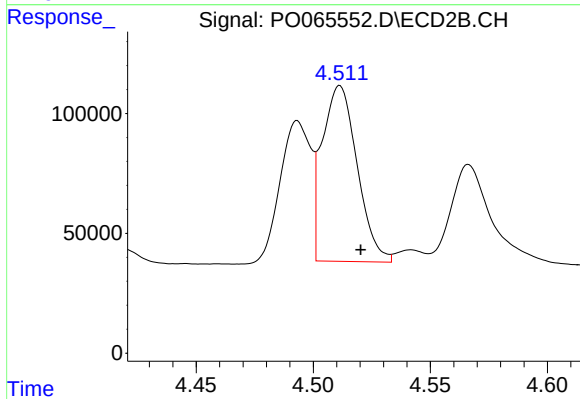
#11 AR-1232-1

R.T.: 3.800 min
Delta R.T.: -0.008 min
Response: 231260
Conc: 464.19 ng/ml



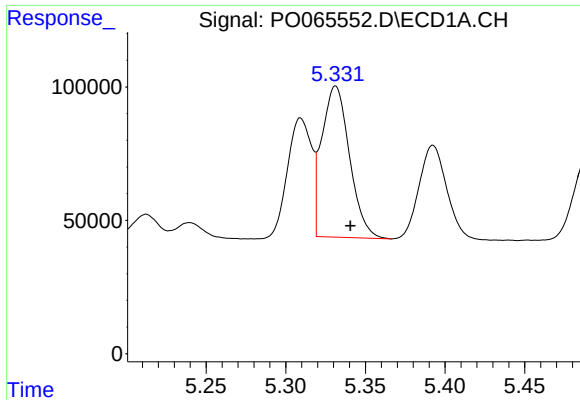
#12 AR-1232-2

R.T.: 5.045 min
Delta R.T.: -0.008 min
Response: 303846
Conc: 1444.88 ng/ml



#12 AR-1232-2

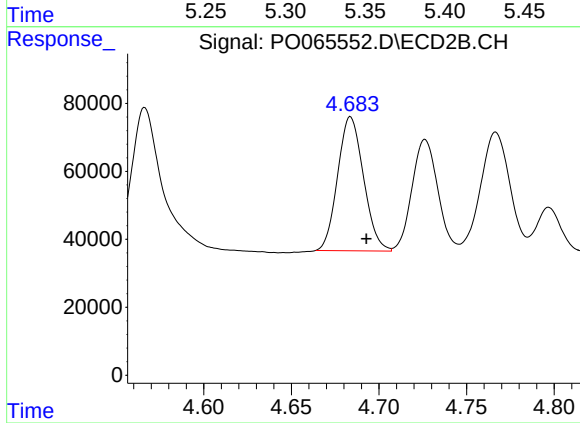
R.T.: 4.511 min
Delta R.T.: -0.009 min
Response: 763029
Conc: 1415.00 ng/ml



#13 AR-1232-3

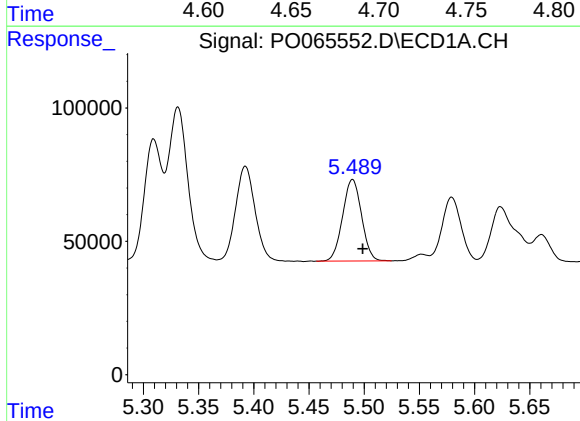
R.T.: 5.331 min
Delta R.T.: -0.009 min
Response: 686023
Conc: 1469.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



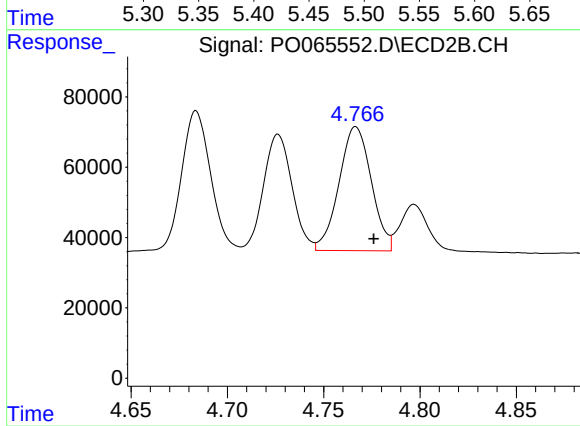
#13 AR-1232-3

R.T.: 4.684 min
Delta R.T.: -0.009 min
Response: 406087
Conc: 1427.55 ng/ml



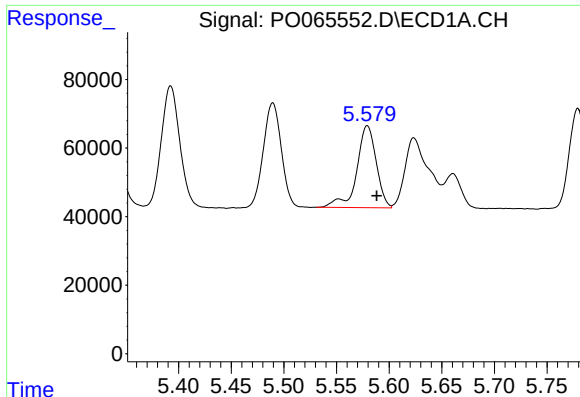
#14 AR-1232-4

R.T.: 5.489 min
Delta R.T.: -0.009 min
Response: 364868
Conc: 1563.91 ng/ml



#14 AR-1232-4

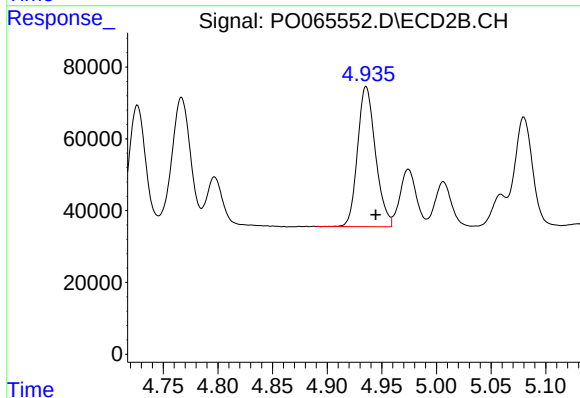
R.T.: 4.767 min
Delta R.T.: -0.009 min
Response: 411423
Conc: 1538.99 ng/ml



#15 AR-1232-5

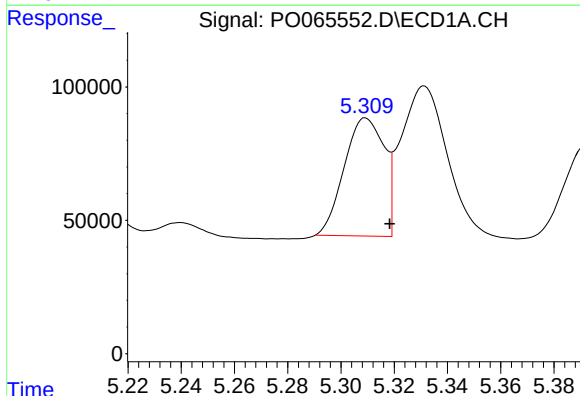
R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 307711
Conc: 1740.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



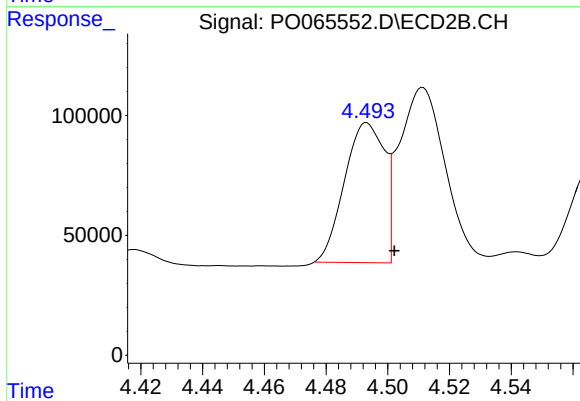
#15 AR-1232-5

R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 445812
Conc: 1555.06 ng/ml



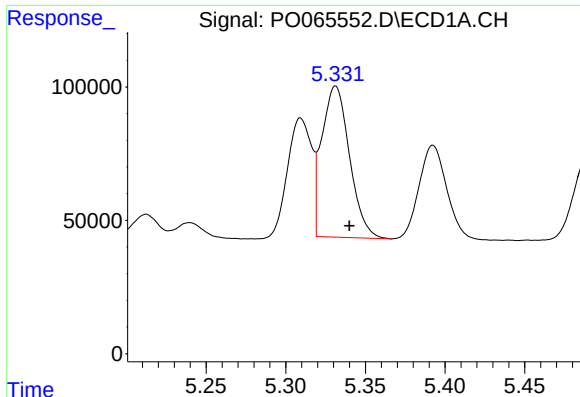
#16 AR-1242-1

R.T.: 5.309 min
Delta R.T.: -0.009 min
Response: 459846
Conc: 789.87 ng/ml



#16 AR-1242-1

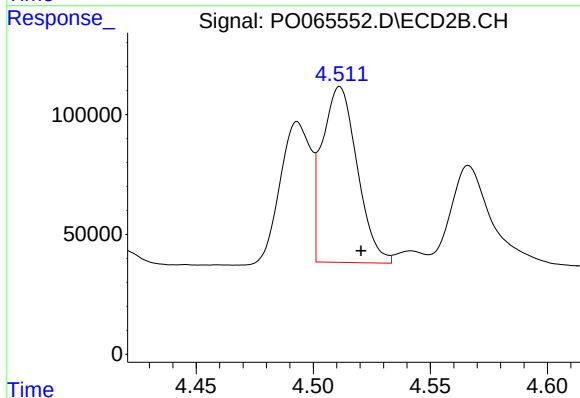
R.T.: 4.493 min
Delta R.T.: -0.009 min
Response: 524499
Conc: 769.50 ng/ml



#17 AR-1242-2

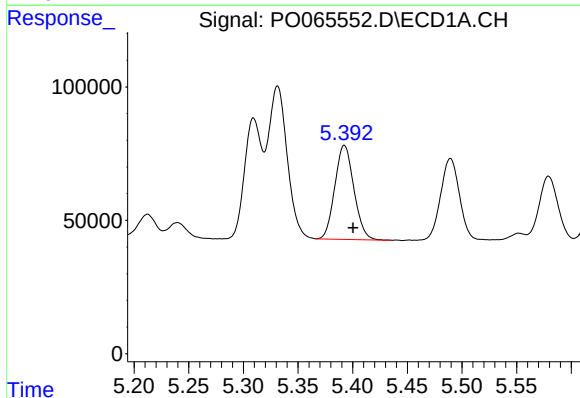
R.T.: 5.331 min
Delta R.T.: -0.009 min
Response: 686023
Conc: 802.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



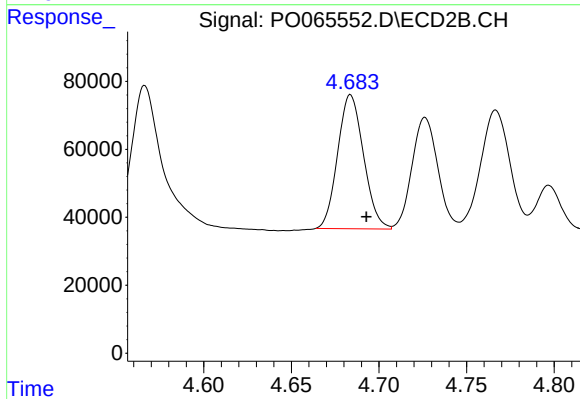
#17 AR-1242-2

R.T.: 4.511 min
Delta R.T.: -0.009 min
Response: 763029
Conc: 796.21 ng/ml



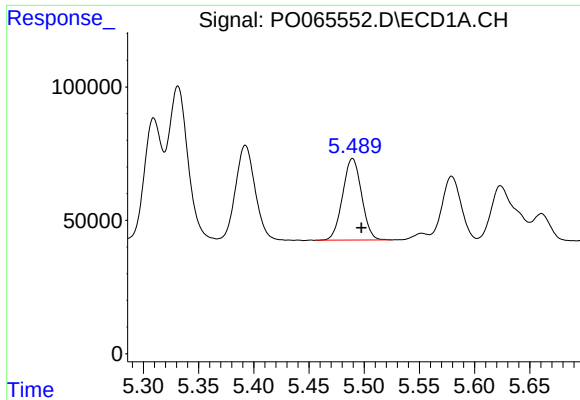
#18 AR-1242-3

R.T.: 5.392 min
Delta R.T.: -0.008 min
Response: 428030
Conc: 816.25 ng/ml



#18 AR-1242-3

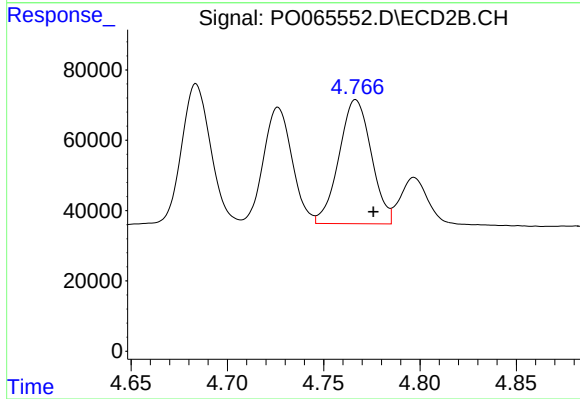
R.T.: 4.684 min
Delta R.T.: -0.009 min
Response: 406087
Conc: 792.27 ng/ml



#19 AR-1242-4

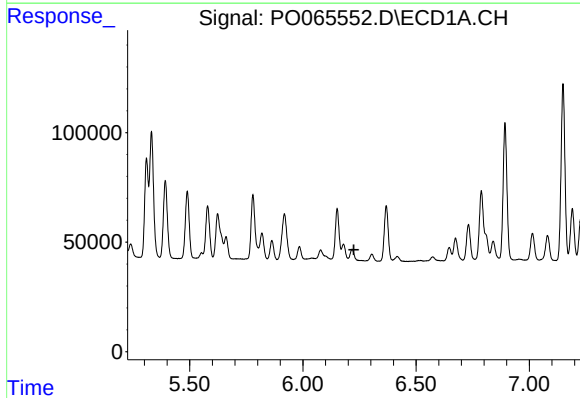
R.T.: 5.489 min
Delta R.T.: -0.008 min
Response: 364868
Conc: 861.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



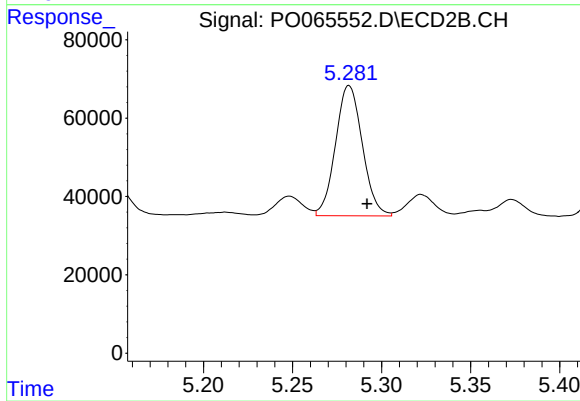
#19 AR-1242-4

R.T.: 4.767 min
Delta R.T.: -0.009 min
Response: 411423
Conc: 787.17 ng/ml



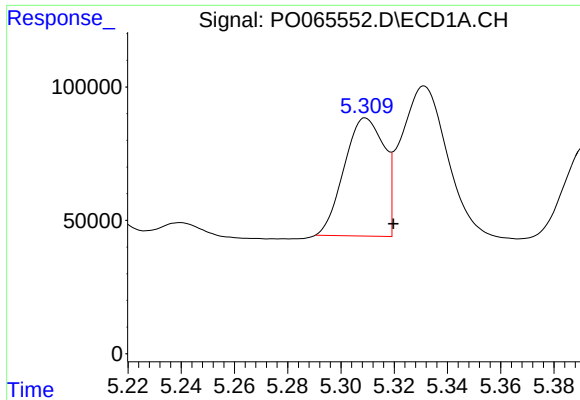
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#20 AR-1242-5

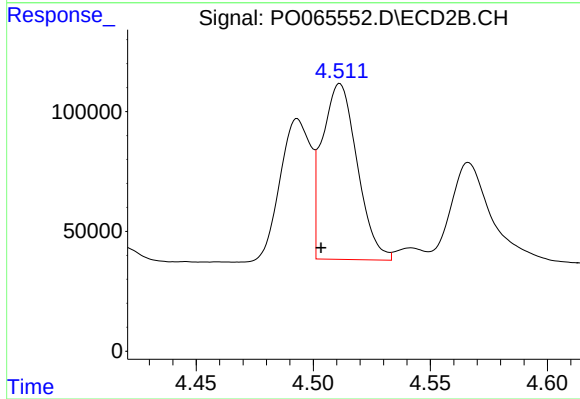
R.T.: 5.282 min
Delta R.T.: -0.010 min
Response: 348569
Conc: 479.60 ng/ml



#21 AR-1248-1

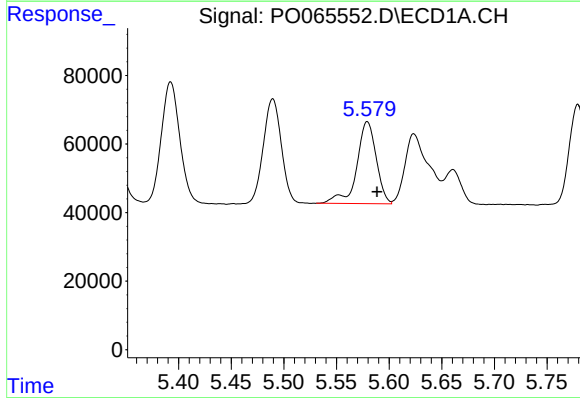
R.T.: 5.309 min
Delta R.T.: -0.010 min
Response: 459846
Conc: 988.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



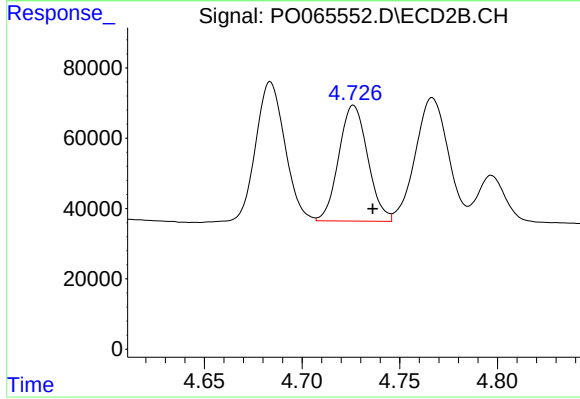
#21 AR-1248-1

R.T.: 4.511 min
Delta R.T.: 0.008 min
Response: 763029
Conc: 1376.41 ng/ml



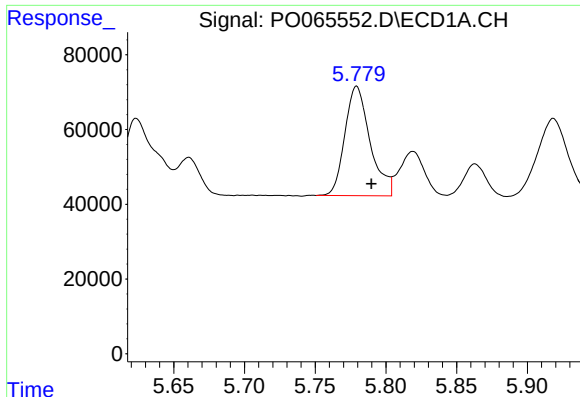
#22 AR-1248-2

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 307711
Conc: 466.33 ng/ml



#22 AR-1248-2

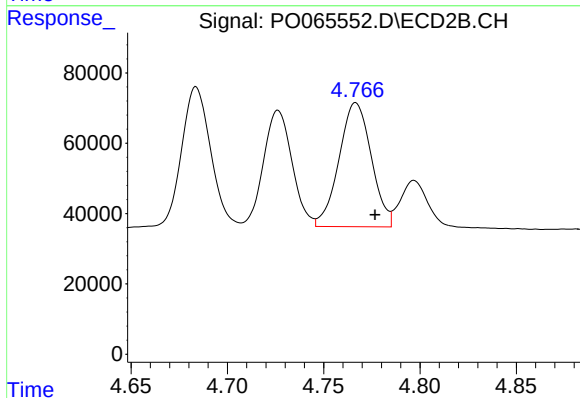
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 339837
Conc: 442.94 ng/ml



#23 AR-1248-3

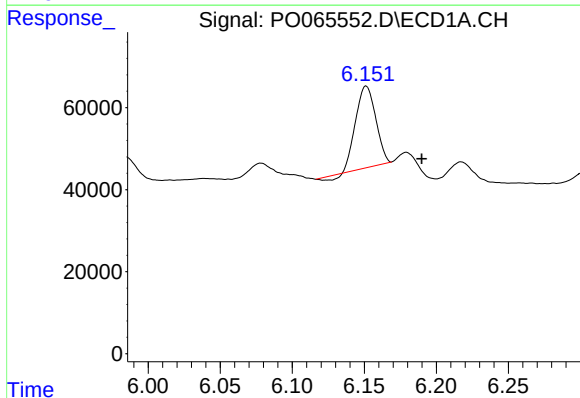
R.T.: 5.779 min
Delta R.T.: -0.010 min
Response: 364487
Conc: 483.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



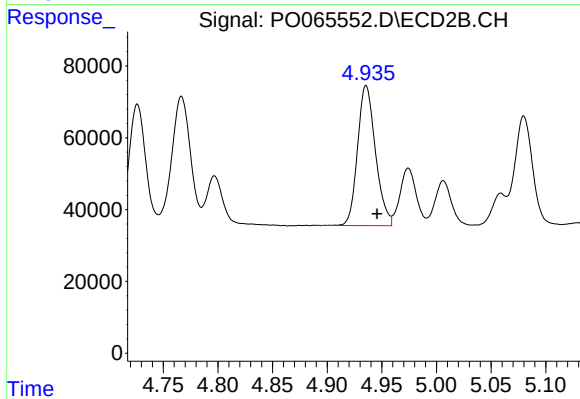
#23 AR-1248-3

R.T.: 4.767 min
Delta R.T.: -0.010 min
Response: 411423
Conc: 522.91 ng/ml



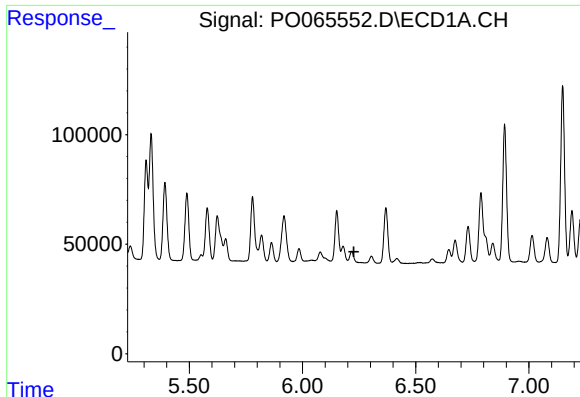
#24 AR-1248-4

R.T.: 6.151 min
Delta R.T.: -0.039 min
Response: 188757
Conc: 199.26 ng/ml



#24 AR-1248-4

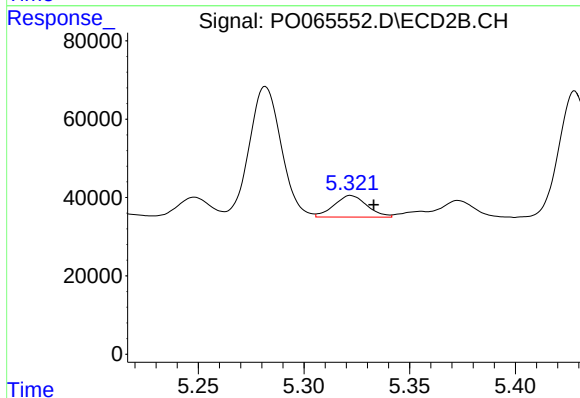
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 445812
Conc: 465.11 ng/ml



#25 AR-1248-5

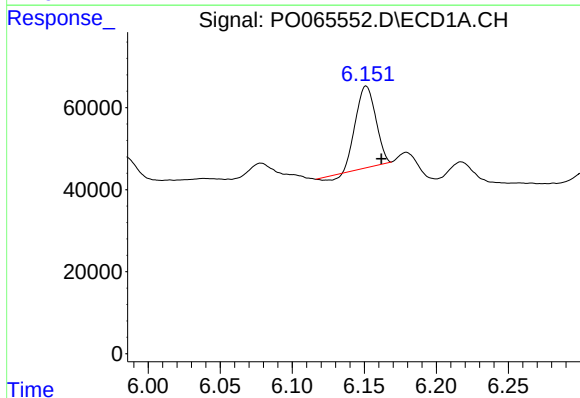
R.T.: 0.000 min
Exp R.T.: 6.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



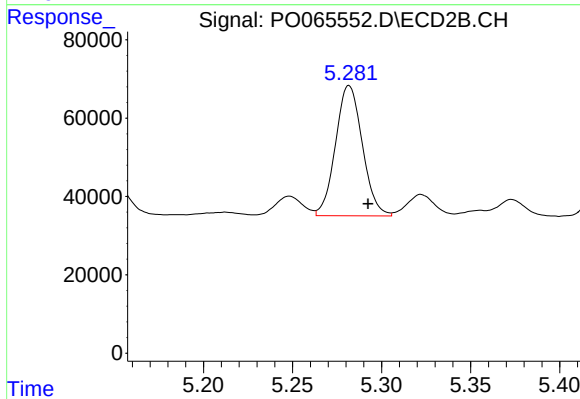
#25 AR-1248-5

R.T.: 5.322 min
Delta R.T.: -0.011 min
Response: 59423
Conc: 58.70 ng/ml



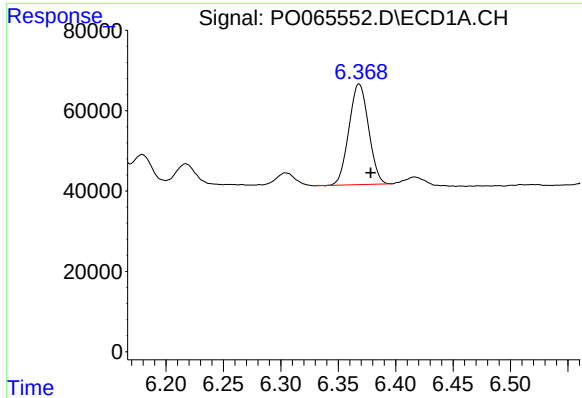
#26 AR-1254-1

R.T.: 6.151 min
Delta R.T.: -0.011 min
Response: 188757
Conc: 222.50 ng/ml



#26 AR-1254-1

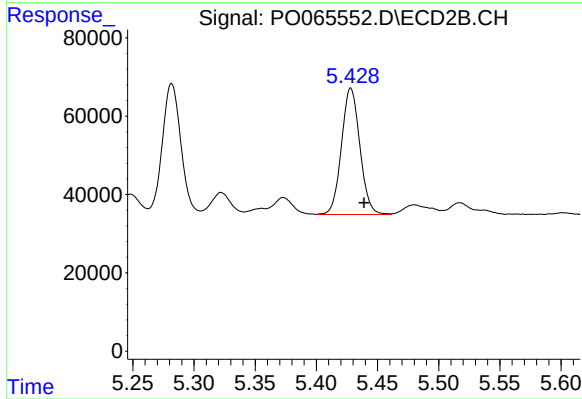
R.T.: 5.282 min
Delta R.T.: -0.011 min
Response: 348569
Conc: 240.61 ng/ml



#27 AR-1254-2

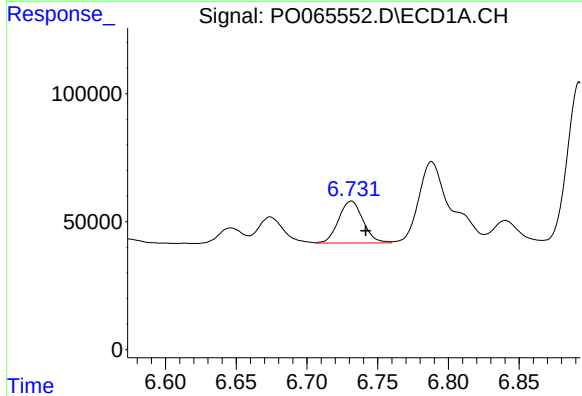
R.T.: 6.368 min
Delta R.T.: -0.010 min
Response: 298940
Conc: 217.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



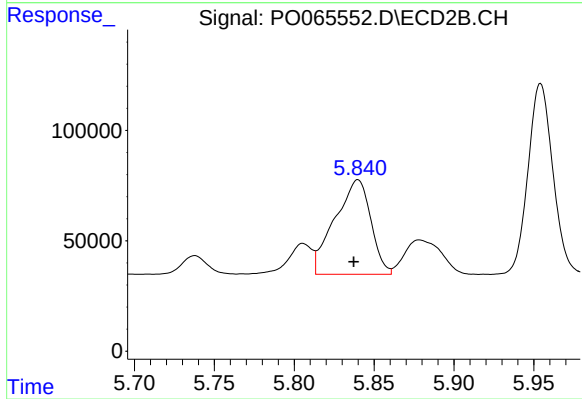
#27 AR-1254-2

R.T.: 5.428 min
Delta R.T.: -0.011 min
Response: 337073
Conc: 254.83 ng/ml



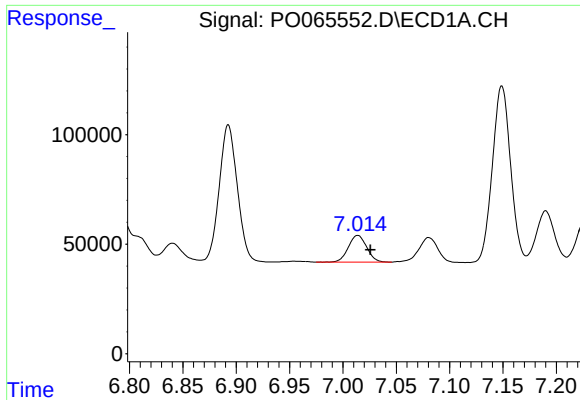
#28 AR-1254-3

R.T.: 6.731 min
Delta R.T.: -0.010 min
Response: 197259
Conc: 127.27 ng/ml



#28 AR-1254-3

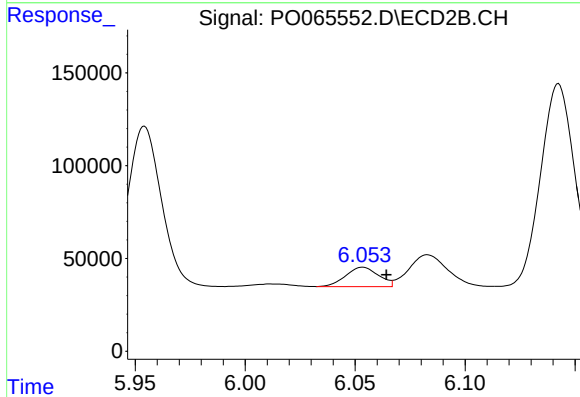
R.T.: 5.840 min
Delta R.T.: 0.003 min
Response: 672923
Conc: 298.61 ng/ml



#29 AR-1254-4

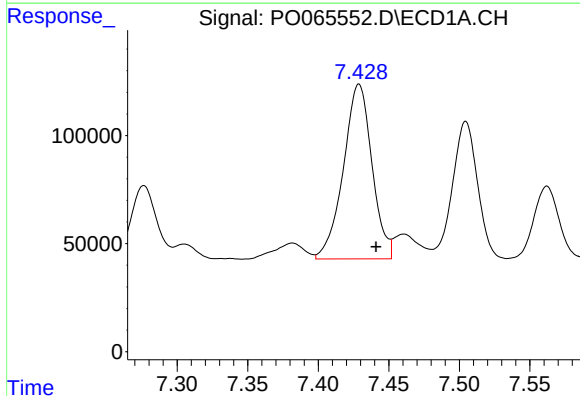
R.T.: 7.014 min
Delta R.T.: -0.012 min
Response: 146475
Conc: 114.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



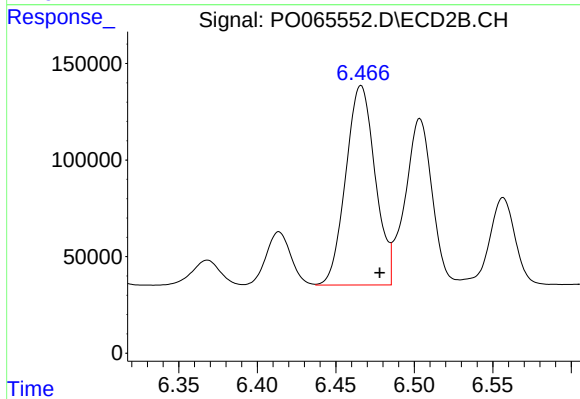
#29 AR-1254-4

R.T.: 6.054 min
Delta R.T.: -0.011 min
Response: 108392
Conc: 71.90 ng/ml



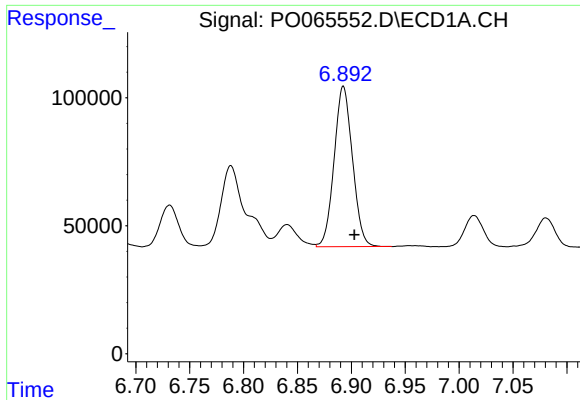
#30 AR-1254-5

R.T.: 7.429 min
Delta R.T.: -0.012 min
Response: 1141896
Conc: 813.13 ng/ml



#30 AR-1254-5

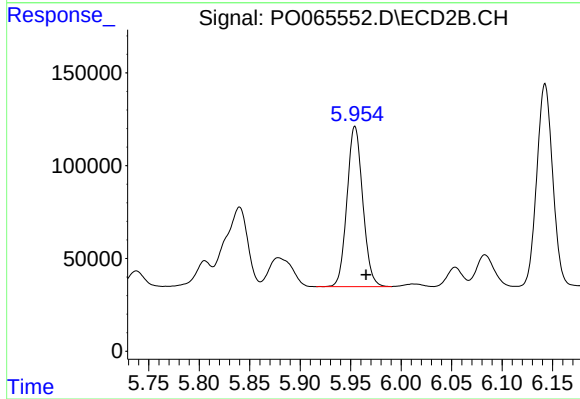
R.T.: 6.466 min
Delta R.T.: -0.012 min
Response: 1346555
Conc: 604.94 ng/ml



#31 AR-1260-1

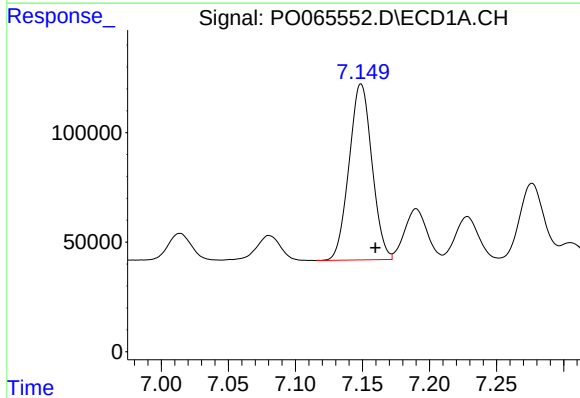
R.T.: 6.893 min
Delta R.T.: -0.010 min
Response: 741283
Conc: 537.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



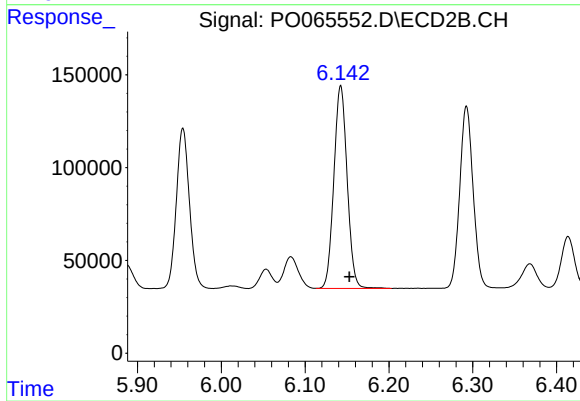
#31 AR-1260-1

R.T.: 5.954 min
Delta R.T.: -0.011 min
Response: 938904
Conc: 498.71 ng/ml



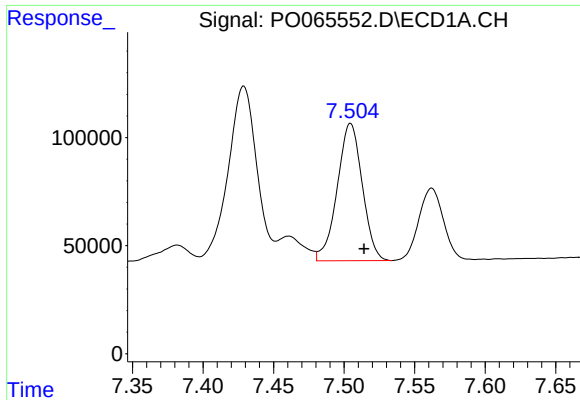
#32 AR-1260-2

R.T.: 7.149 min
Delta R.T.: -0.011 min
Response: 952828
Conc: 543.07 ng/ml



#32 AR-1260-2

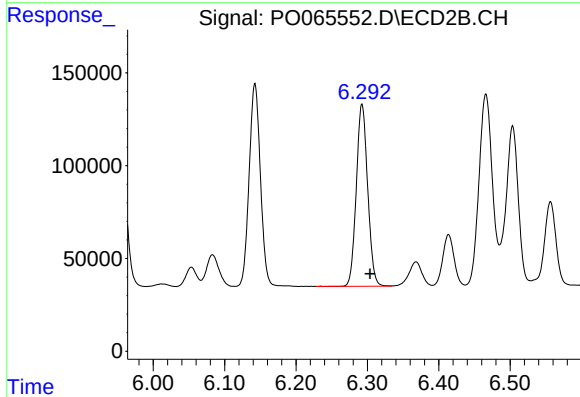
R.T.: 6.143 min
Delta R.T.: -0.010 min
Response: 1203504
Conc: 495.37 ng/ml



#33 AR-1260-3

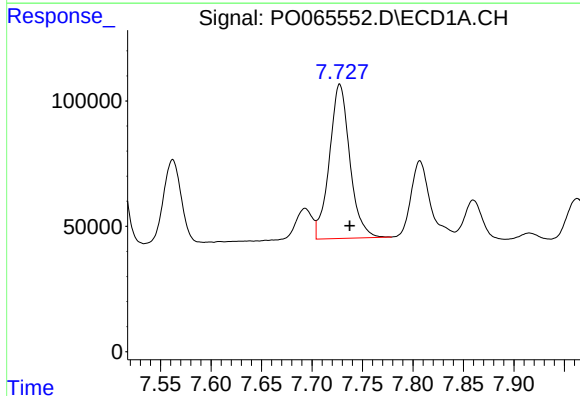
R.T.: 7.505 min
Delta R.T.: -0.010 min
Response: 784410
Conc: 554.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



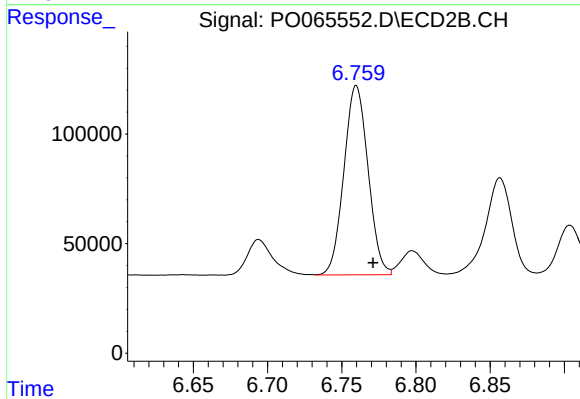
#33 AR-1260-3

R.T.: 6.293 min
Delta R.T.: -0.011 min
Response: 1087509
Conc: 502.43 ng/ml



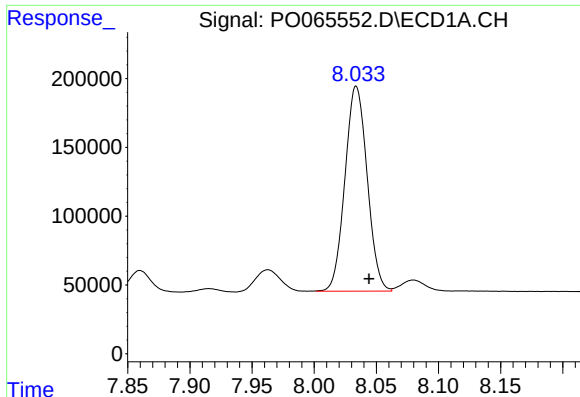
#34 AR-1260-4

R.T.: 7.728 min
Delta R.T.: -0.010 min
Response: 866655
Conc: 496.34 ng/ml



#34 AR-1260-4

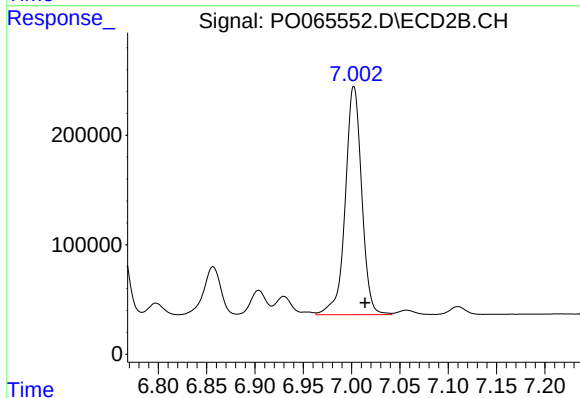
R.T.: 6.760 min
Delta R.T.: -0.011 min
Response: 978777
Conc: 487.87 ng/ml



#35 AR-1260-5

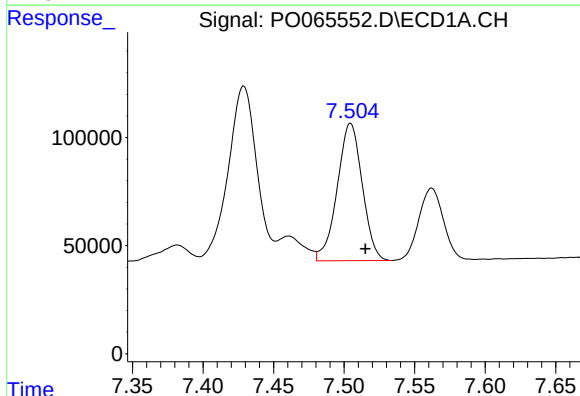
R.T.: 8.034 min
Delta R.T.: -0.010 min
Response: 1853606
Conc: 552.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



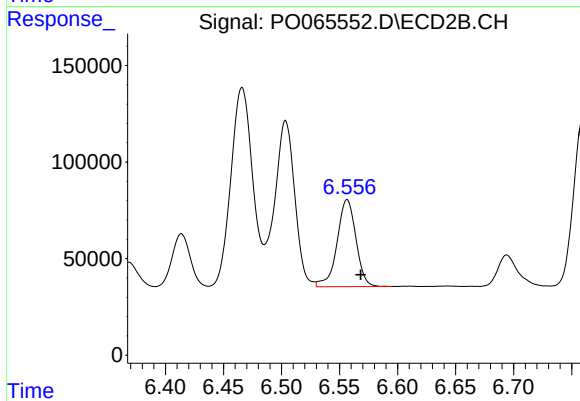
#35 AR-1260-5

R.T.: 7.002 min
Delta R.T.: -0.012 min
Response: 2463132
Conc: 497.55 ng/ml



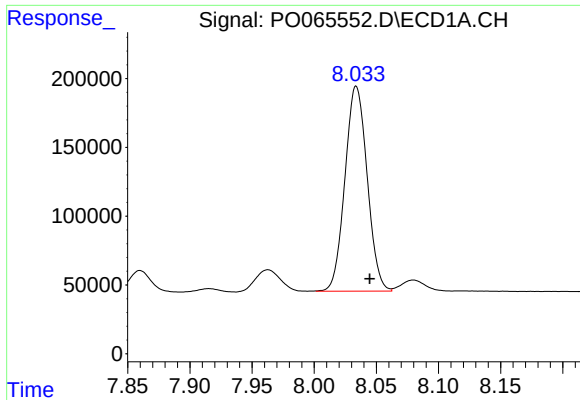
#36 AR-1262-1

R.T.: 7.505 min
Delta R.T.: -0.010 min
Response: 784410
Conc: 474.18 ng/ml



#36 AR-1262-1

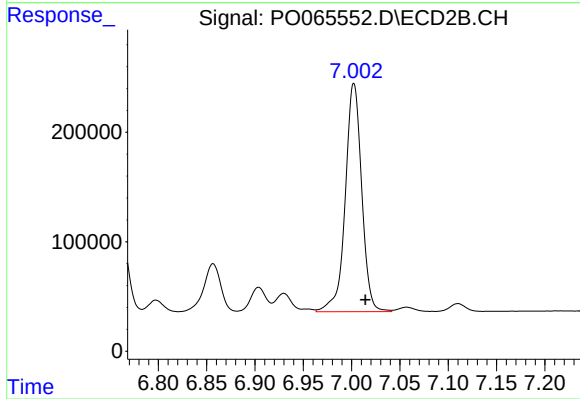
R.T.: 6.557 min
Delta R.T.: -0.012 min
Response: 511473
Conc: 542.53 ng/ml



#37 AR-1262-2

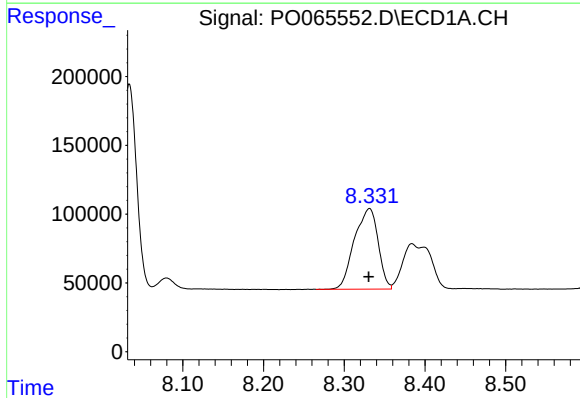
R.T.: 8.034 min
Delta R.T.: -0.011 min
Response: 1853606
Conc: 578.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



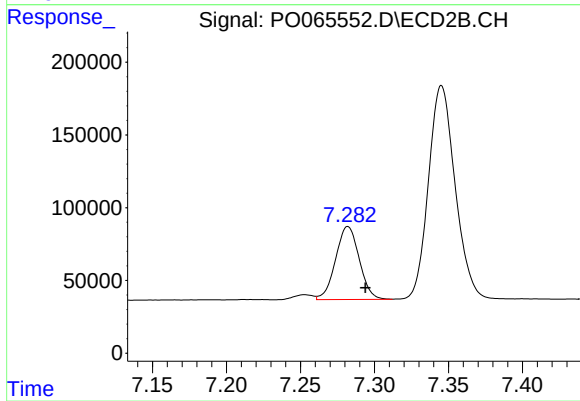
#37 AR-1262-2

R.T.: 7.002 min
Delta R.T.: -0.012 min
Response: 2463132
Conc: 548.18 ng/ml



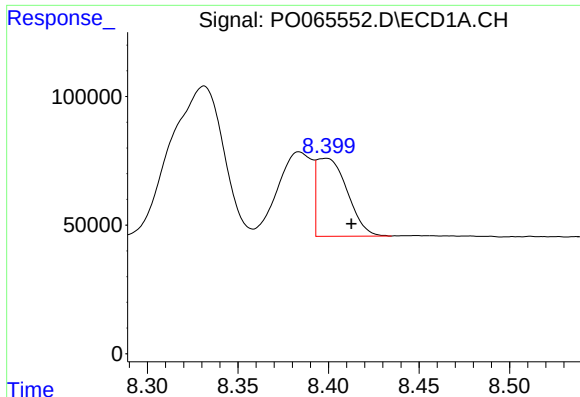
#38 AR-1262-3

R.T.: 8.331 min
Delta R.T.: 0.000 min
Response: 1196448
Conc: 525.58 ng/ml



#38 AR-1262-3

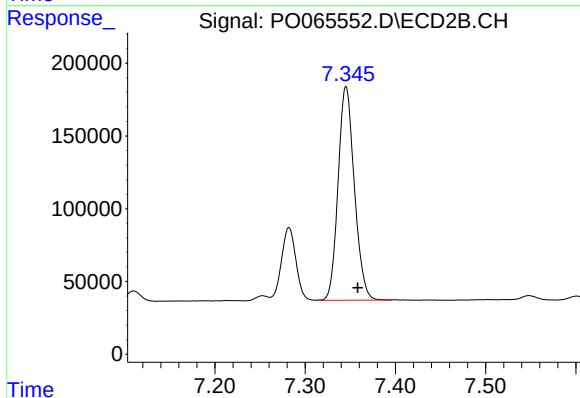
R.T.: 7.282 min
Delta R.T.: -0.012 min
Response: 558709
Conc: 331.96 ng/ml



#39 AR-1262-4

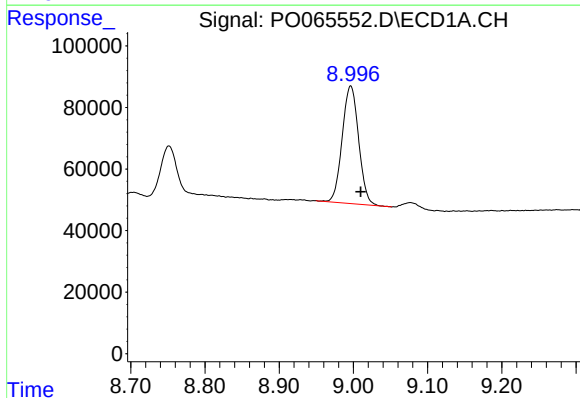
R.T.: 8.399 min
Delta R.T.: -0.014 min
Response: 355512
Conc: 201.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



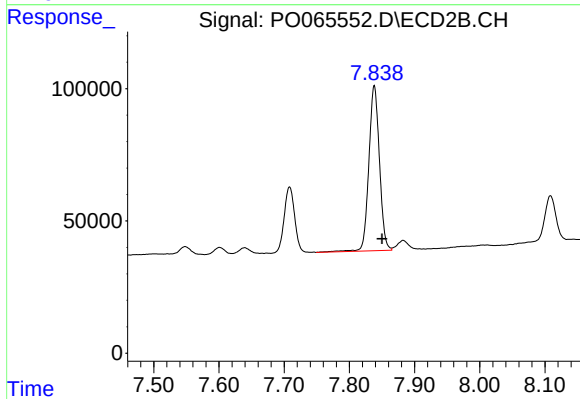
#39 AR-1262-4

R.T.: 7.345 min
Delta R.T.: -0.013 min
Response: 1840864
Conc: 535.29 ng/ml



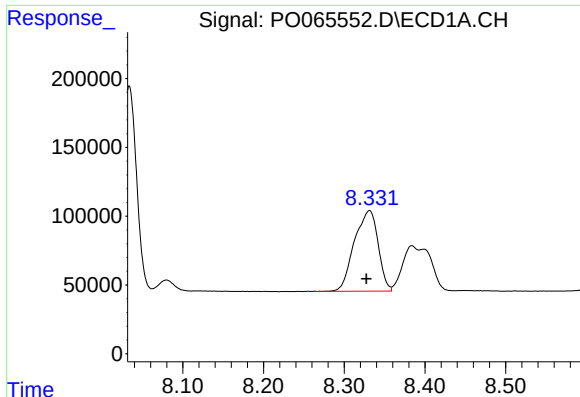
#40 AR-1262-5

R.T.: 8.996 min
Delta R.T.: -0.013 min
Response: 589761
Conc: 443.34 ng/ml



#40 AR-1262-5

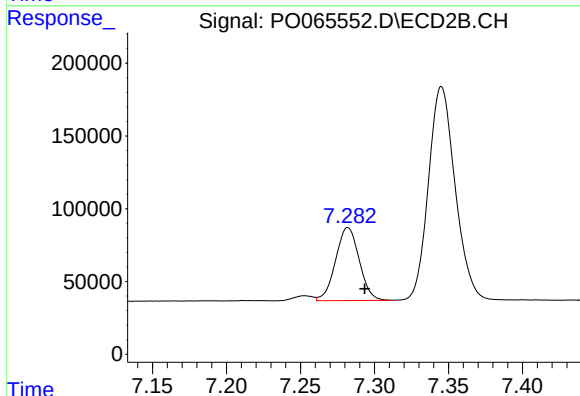
R.T.: 7.838 min
Delta R.T.: -0.012 min
Response: 704250
Conc: 413.00 ng/ml



#41 AR-1268-1

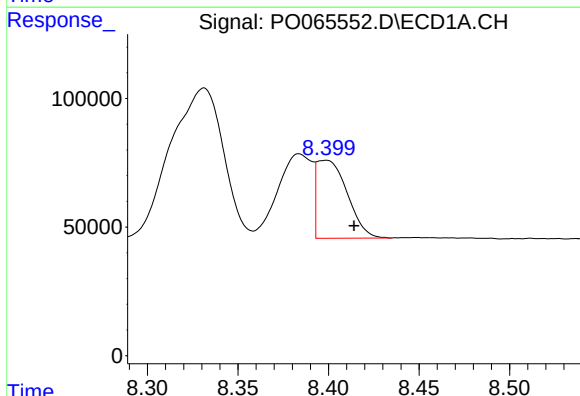
R.T.: 8.331 min
Delta R.T.: 0.004 min
Response: 1196448
Conc: 294.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



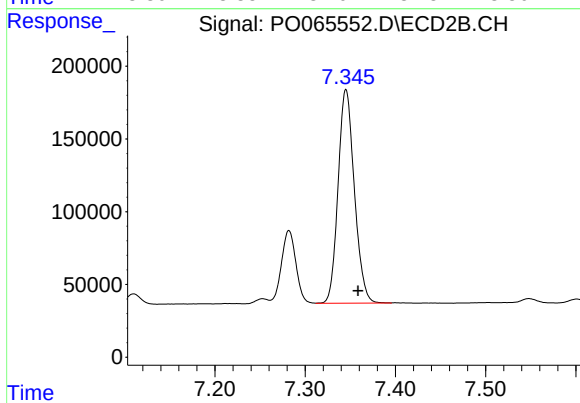
#41 AR-1268-1

R.T.: 7.282 min
Delta R.T.: -0.011 min
Response: 558709
Conc: 105.20 ng/ml



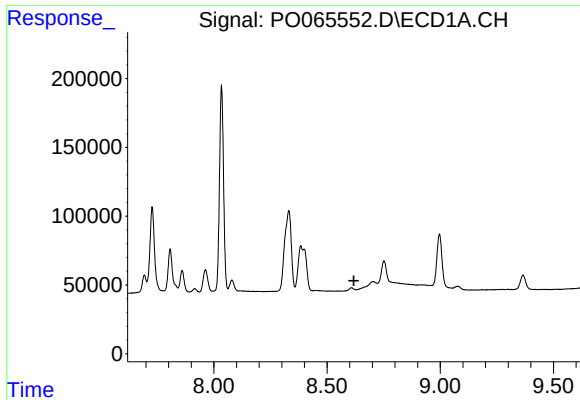
#42 AR-1268-2

R.T.: 8.399 min
Delta R.T.: -0.016 min
Response: 355512
Conc: 92.37 ng/ml



#42 AR-1268-2

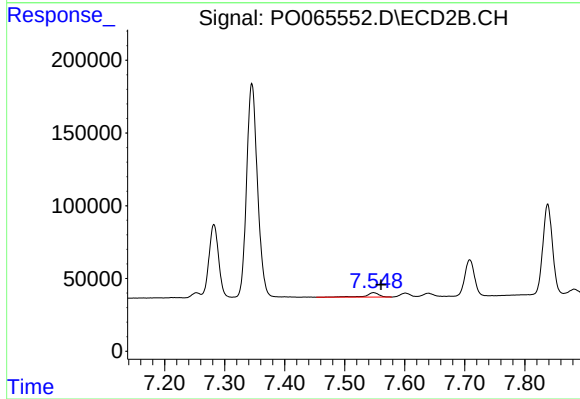
R.T.: 7.345 min
Delta R.T.: -0.013 min
Response: 1840864
Conc: 362.41 ng/ml



#43 AR-1268-3

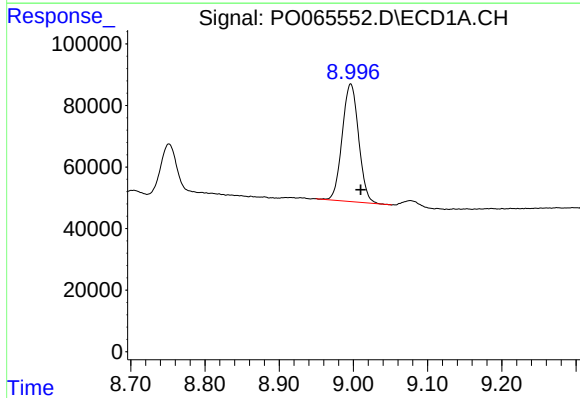
R.T.: 0.000 min
Exp R.T.: 8.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



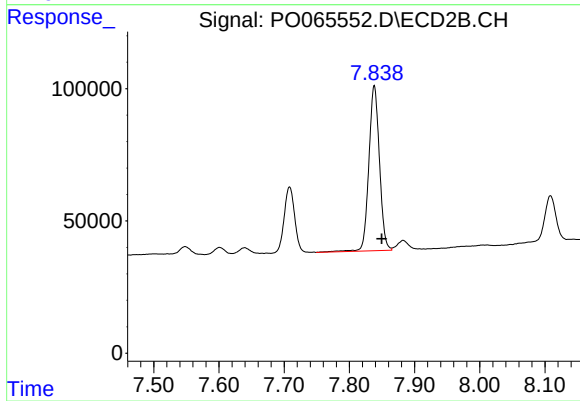
#43 AR-1268-3

R.T.: 7.548 min
Delta R.T.: -0.012 min
Response: 45371
Conc: 10.68 ng/ml



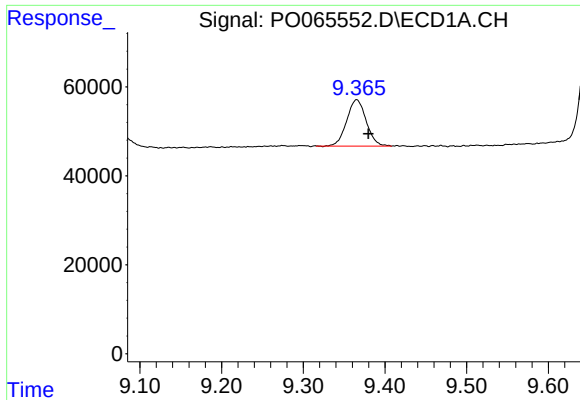
#44 AR-1268-4

R.T.: 8.996 min
Delta R.T.: -0.013 min
Response: 589761
Conc: 383.94 ng/ml



#44 AR-1268-4

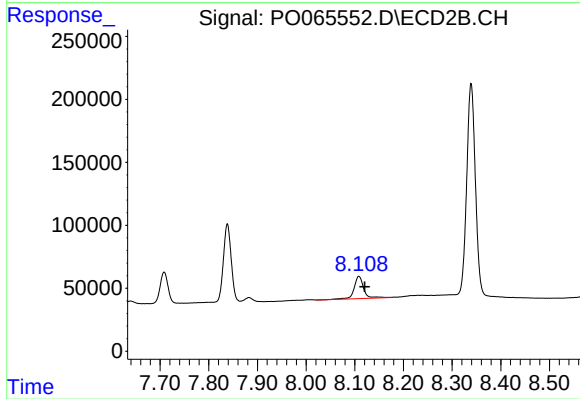
R.T.: 7.838 min
Delta R.T.: -0.011 min
Response: 704250
Conc: 355.82 ng/ml



#45 AR-1268-5

R.T.: 9.365 min
Delta R.T.: -0.014 min
Response: 173528
Conc: 15.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.108 min
Delta R.T.: -0.012 min
Response: 237908
Conc: 16.55 ng/ml