

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061319\
 Data File : P0057153.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Jun 2019 23:50
 Operator : SM/SJ
 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: Jun 14 03:51:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.241	3.562	1807169	1694961	47.205	51.396
2)	SA Decachlor...	9.803	8.489	2638327	1859286	53.751	52.144
Target Compounds							
3)	L1 AR-1016-1	5.423	4.647	1207038	917604	671.091	729.133
4)	L1 AR-1016-2	5.423	4.676	1207038	79718	480.686	44.248 #
5)	L1 AR-1016-3	5.484	4.821	745597	505872	463.883	513.083
6)	L1 AR-1016-4	5.582	4.861	618761	419641	471.689	506.910
7)	L1 AR-1016-5	5.873	5.073	649197	178041	469.885	165.972 #
8)	L2 AR-1221-1	0.000	3.770	0	53056	N.D.	104.616 #
9)	L2 AR-1221-2	4.614	3.857	362890	81585	760.620	216.481 #
10)	L2 AR-1221-3	4.614	3.930	362890	308663	245.516	257.852
11)	L3 AR-1232-1	4.614	3.930	362890	308663	307.955	343.583
12)	L3 AR-1232-2	5.136	4.647	548990	917604	827.990	944.155
13)	L3 AR-1232-3	5.423	4.821	1207038	505872	850.836	966.710
14)	L3 AR-1232-4	5.582	4.903	618761	502310	879.012	1019.530
15)	L3 AR-1232-5	5.671	5.073	525311	178041	929.115	316.094 #
16)	L4 AR-1242-1	5.423	4.647	1207038	917604	699.654	740.851
17)	L4 AR-1242-2	5.423	4.647	1207038	917604	475.441	510.227
18)	L4 AR-1242-3	5.484	4.821	745597	505872	458.542	514.565
19)	L4 AR-1242-4	5.582	4.903	618761	502310	462.893	516.197
20)	L4 AR-1242-5	0.000	5.420	0	413959	N.D.	350.139 #
21)	L5 AR-1248-1	5.423	4.647	1207038	917604	936.767	979.803
22)	L5 AR-1248-2	5.671	4.861	525311	419641	281.986	330.310
23)	L5 AR-1248-3	5.873	4.903	649197	502310	316.473	384.646
24)	L5 AR-1248-4	0.000	5.073	0	178041	N.D.	112.426 #
25)	L5 AR-1248-5	0.000	5.460	0	67510	N.D.	40.790 #
26)	L6 AR-1254-1	0.000	5.420	0	413959	N.D.	156.522 #
27)	L6 AR-1254-2	6.462	5.565	529733	334136	136.385	154.994
28)	L6 AR-1254-3	6.827	5.977	325496	767709	78.939	209.696 #
29)	L6 AR-1254-4	0.000	6.220	0	246672	N.D.	112.280 #
30)	L6 AR-1254-5	7.526	6.604	2080278	1361280	552.437	429.394
31)	L7 AR-1260-1	6.988	6.092	1353117	1023221	527.289	511.513
32)	L7 AR-1260-2	7.244	6.280	1639562	1332328	542.154	540.507
33)	L7 AR-1260-3	7.600	6.432	1355883	1187675	562.829	529.449
34)	L7 AR-1260-4	7.824	6.898	1410411	1029636	538.487	553.265
35)	L7 AR-1260-5	8.132	7.140	2776430	2498520	580.590	579.389
36)	L8 AR-1262-1	7.600	6.641	1355883	1261780	289.908	302.291
37)	L8 AR-1262-2	8.132	7.140	2776430	2498520	364.179	363.652
38)	L8 AR-1262-3	8.440	7.419	1757127	628772	335.743	212.895 #
39)	L8 AR-1262-4	8.492	7.483	1206145	1766023	282.529	338.929
40)	L8 AR-1262-5	9.121	7.975	807775	627672	293.987	270.298
41)	L9 AR-1268-1	8.440	7.419	1757127	628772	215.930	84.228 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061319\
Data File : P0057153.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Jun 2019 23:50
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

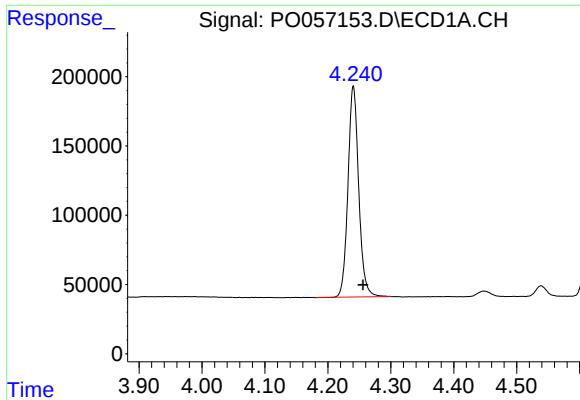
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 14 03:51:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 24 00:11:05 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
42)	L9 AR-1268-2	8.492	7.483	1206145	1766023	149.094	252.901 #
43)	L9 AR-1268-3	0.000	7.685	0	31336	N.D.	5.280 #
44)	L9 AR-1268-4	9.121	7.975	807775	627672	296.206	268.897
45)	L9 AR-1268-5	0.000	8.251	0	169854	N.D.	9.814 #

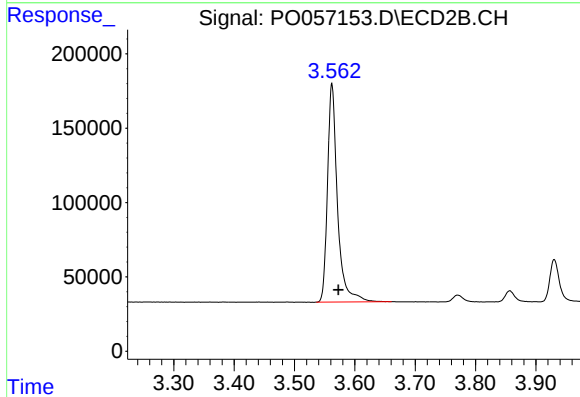
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

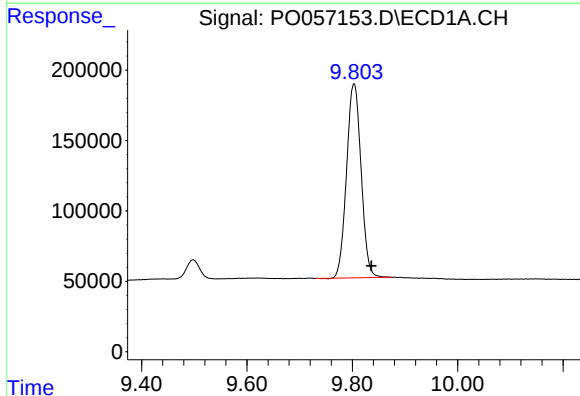
R.T.: 4.241 min
Delta R.T.: -0.015 min
Response: 1807169
Conc: 47.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



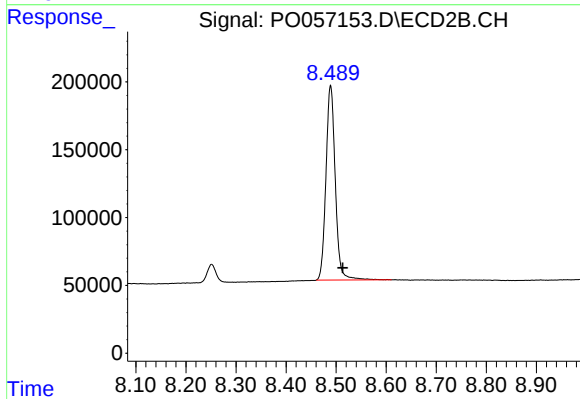
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: -0.011 min
Response: 1694961
Conc: 51.40 ng/ml



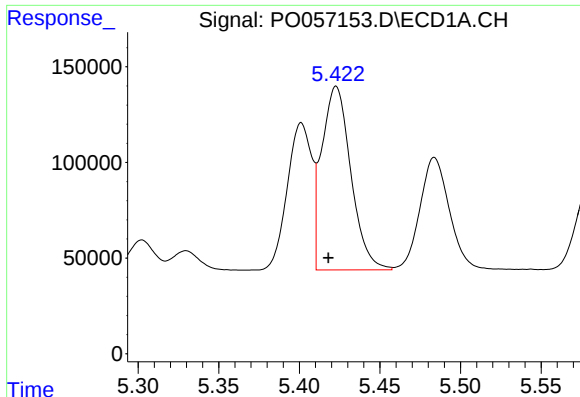
#2 Decachlorobiphenyl

R.T.: 9.803 min
Delta R.T.: -0.033 min
Response: 2638327
Conc: 53.75 ng/ml



#2 Decachlorobiphenyl

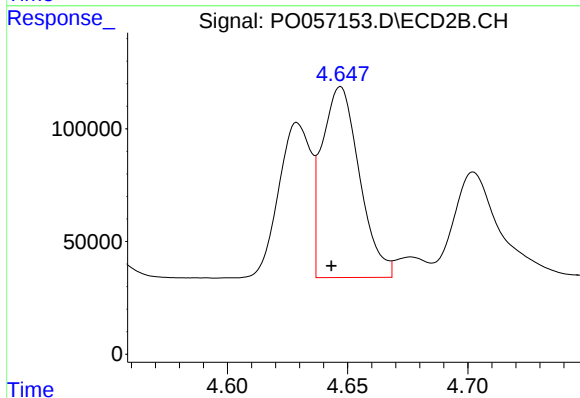
R.T.: 8.489 min
Delta R.T.: -0.024 min
Response: 1859286
Conc: 52.14 ng/ml



#3 AR-1016-1

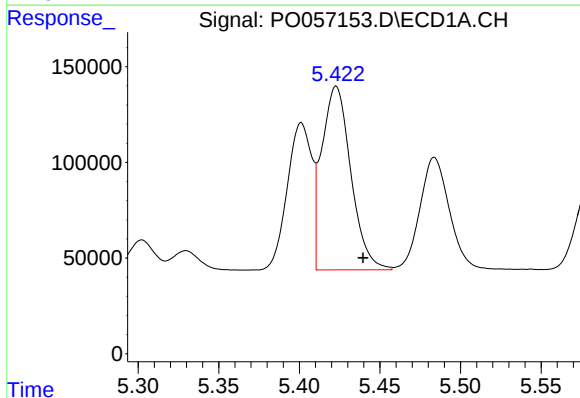
R.T.: 5.423 min
Delta R.T.: 0.005 min
Response: 1207038
Conc: 671.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



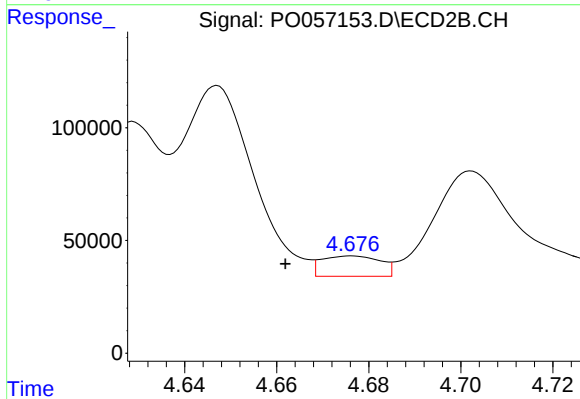
#3 AR-1016-1

R.T.: 4.647 min
Delta R.T.: 0.004 min
Response: 917604
Conc: 729.13 ng/ml



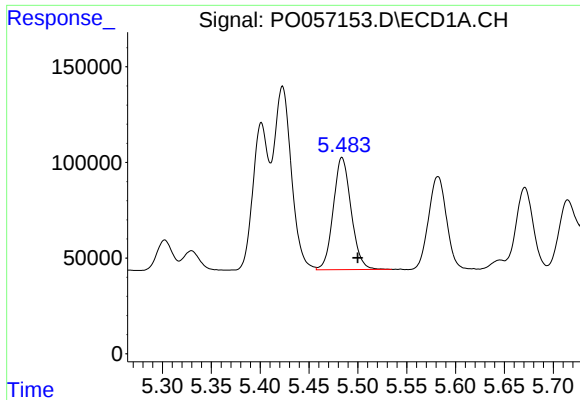
#4 AR-1016-2

R.T.: 5.423 min
Delta R.T.: -0.017 min
Response: 1207038
Conc: 480.69 ng/ml



#4 AR-1016-2

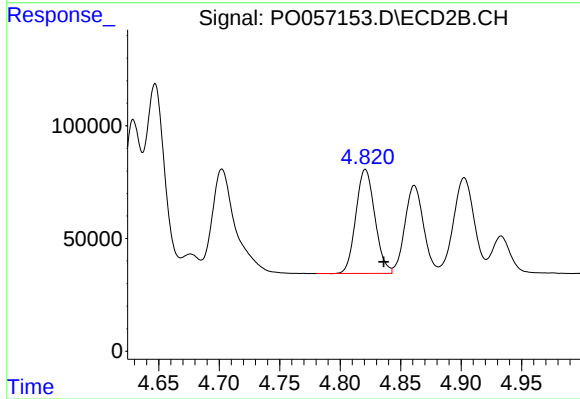
R.T.: 4.676 min
Delta R.T.: 0.014 min
Response: 79718
Conc: 44.25 ng/ml



#5 AR-1016-3

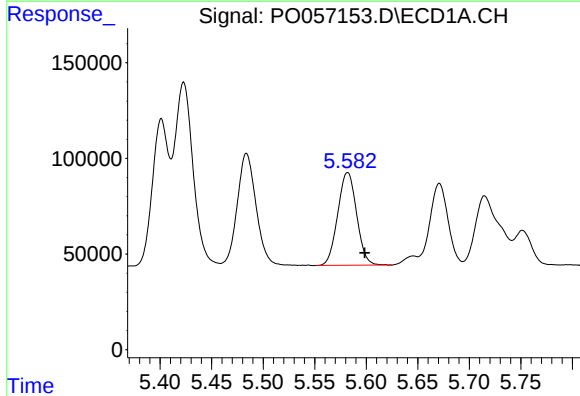
R.T.: 5.484 min
Delta R.T.: -0.016 min
Response: 745597
Conc: 463.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



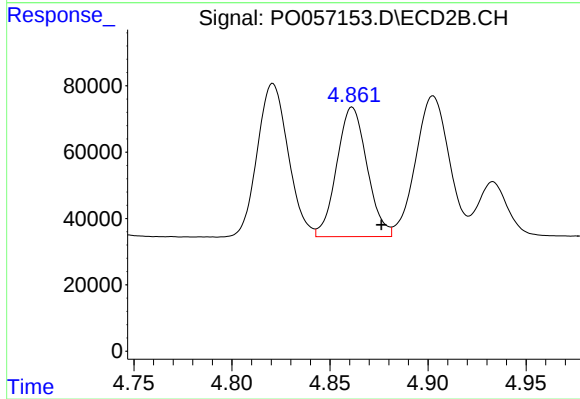
#5 AR-1016-3

R.T.: 4.821 min
Delta R.T.: -0.015 min
Response: 505872
Conc: 513.08 ng/ml



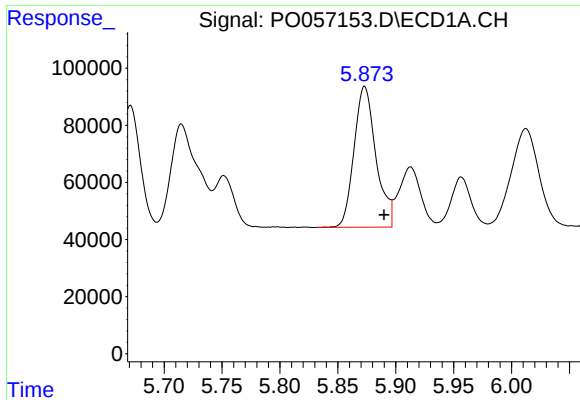
#6 AR-1016-4

R.T.: 5.582 min
Delta R.T.: -0.017 min
Response: 618761
Conc: 471.69 ng/ml



#6 AR-1016-4

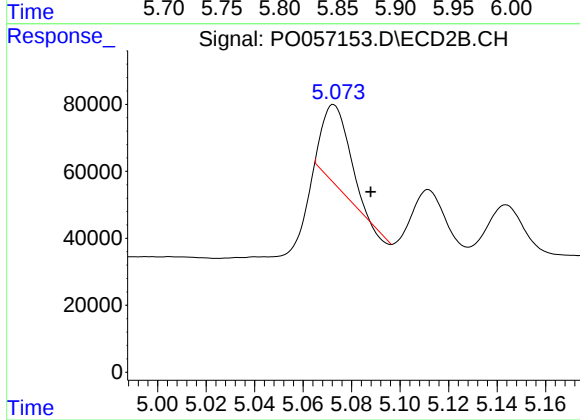
R.T.: 4.861 min
Delta R.T.: -0.015 min
Response: 419641
Conc: 506.91 ng/ml



#7 AR-1016-5

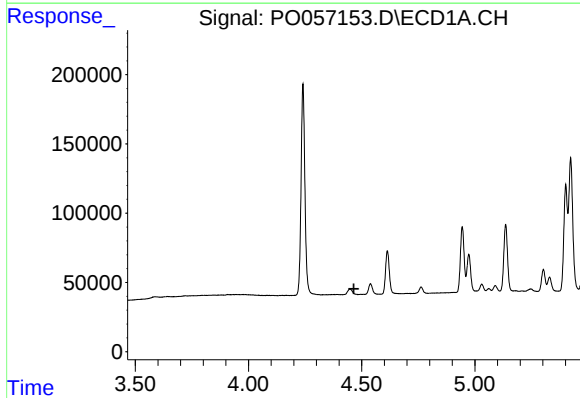
R.T.: 5.873 min
Delta R.T.: -0.017 min
Response: 649197
Conc: 469.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



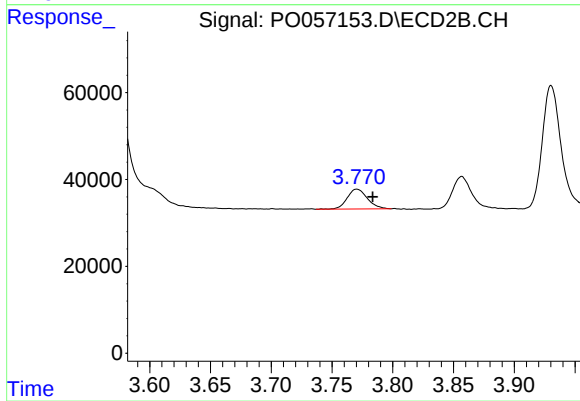
#7 AR-1016-5

R.T.: 5.073 min
Delta R.T.: -0.015 min
Response: 178041
Conc: 165.97 ng/ml



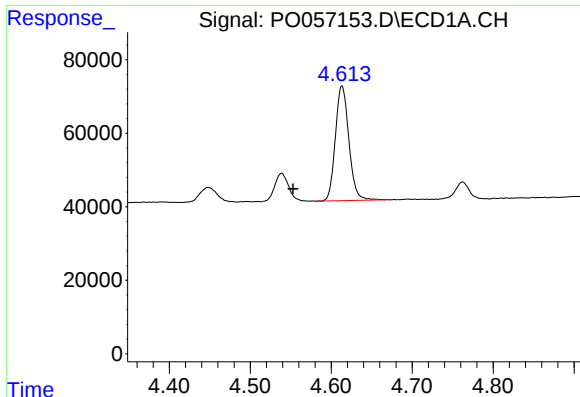
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#8 AR-1221-1

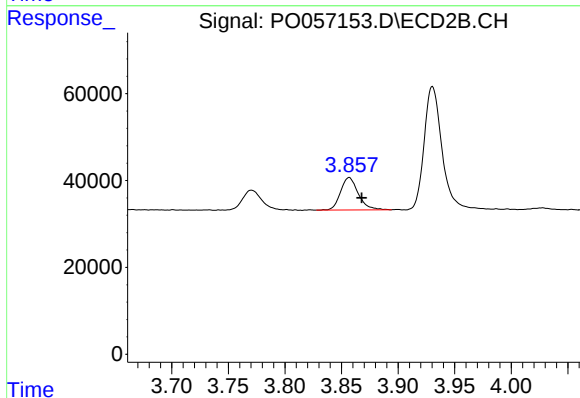
R.T.: 3.770 min
Delta R.T.: -0.013 min
Response: 53056
Conc: 104.62 ng/ml



#9 AR-1221-2

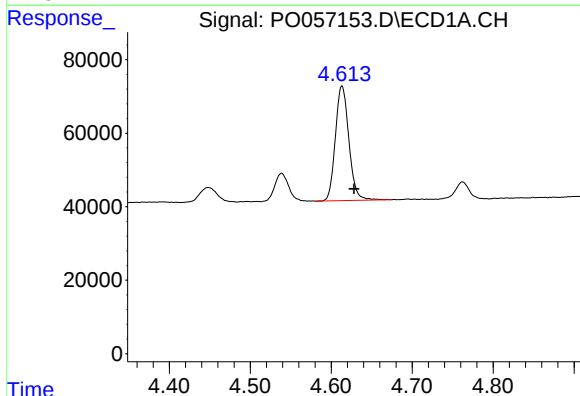
R.T.: 4.614 min
Delta R.T.: 0.061 min
Response: 362890
Conc: 760.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



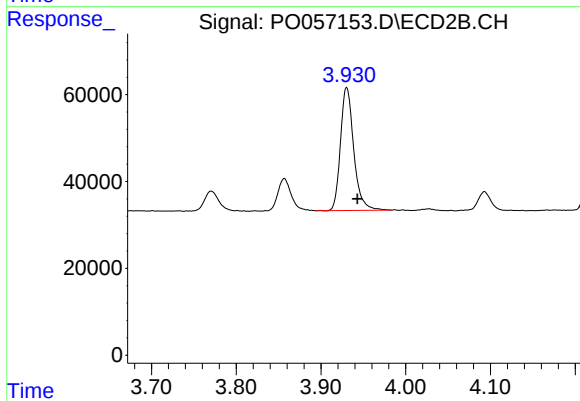
#9 AR-1221-2

R.T.: 3.857 min
Delta R.T.: -0.011 min
Response: 81585
Conc: 216.48 ng/ml



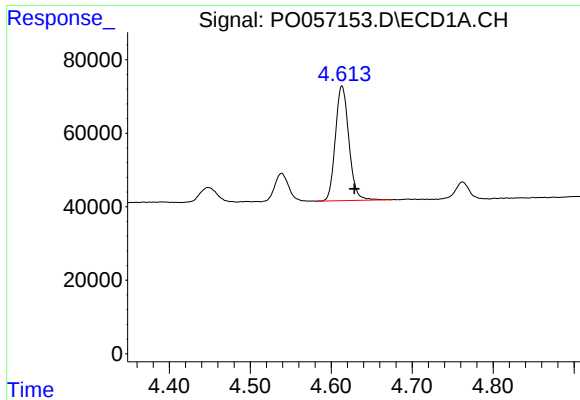
#10 AR-1221-3

R.T.: 4.614 min
Delta R.T.: -0.015 min
Response: 362890
Conc: 245.52 ng/ml



#10 AR-1221-3

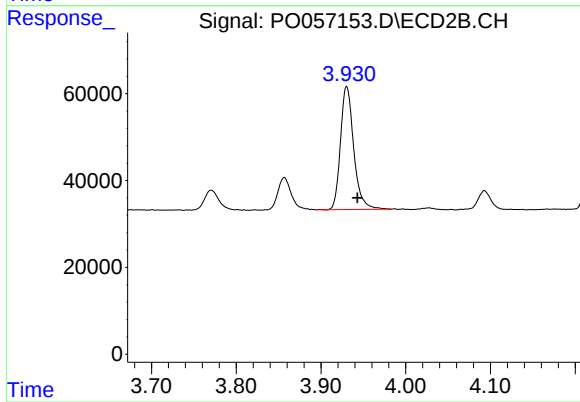
R.T.: 3.930 min
Delta R.T.: -0.013 min
Response: 308663
Conc: 257.85 ng/ml



#11 AR-1232-1

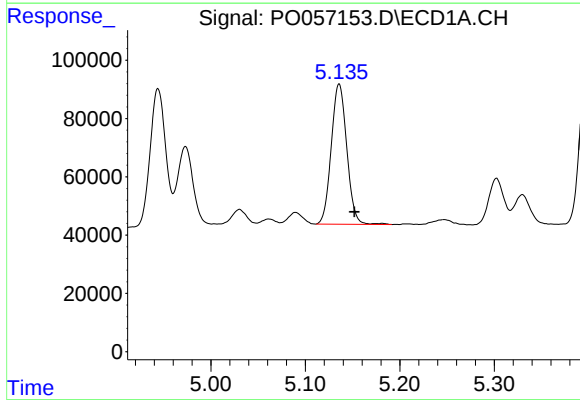
R.T.: 4.614 min
Delta R.T.: -0.015 min
Response: 362890
Conc: 307.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



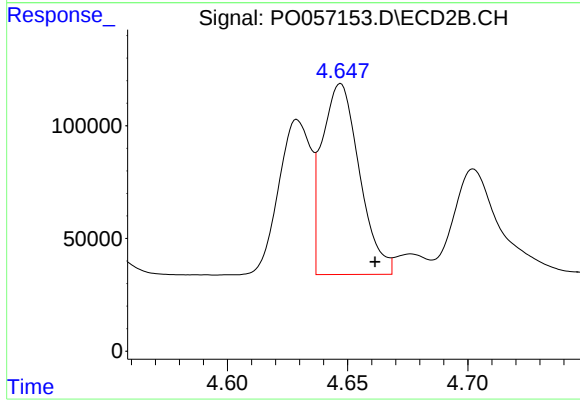
#11 AR-1232-1

R.T.: 3.930 min
Delta R.T.: -0.013 min
Response: 308663
Conc: 343.58 ng/ml



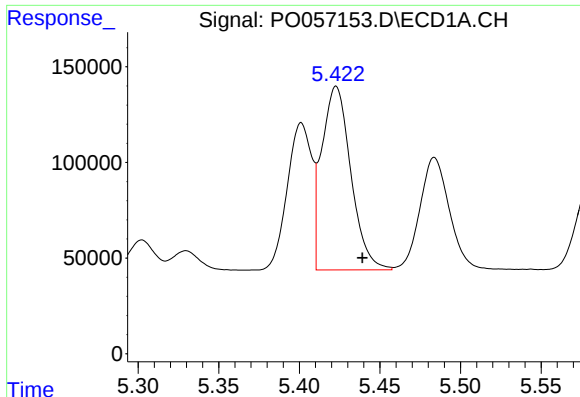
#12 AR-1232-2

R.T.: 5.136 min
Delta R.T.: -0.016 min
Response: 548990
Conc: 827.99 ng/ml



#12 AR-1232-2

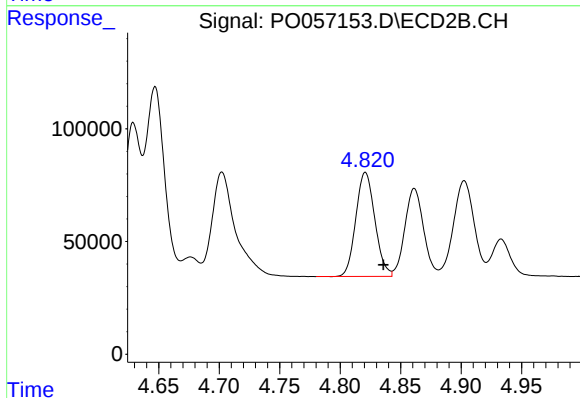
R.T.: 4.647 min
Delta R.T.: -0.014 min
Response: 917604
Conc: 944.15 ng/ml



#13 AR-1232-3

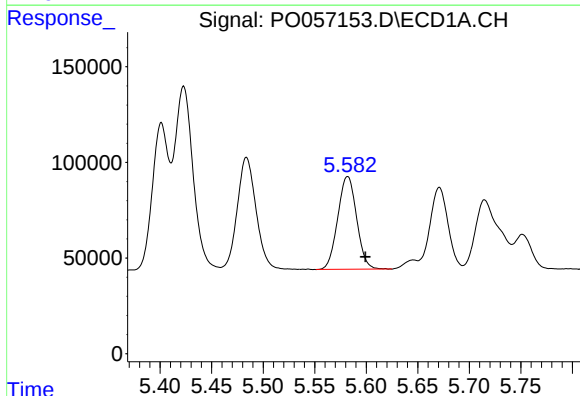
R.T.: 5.423 min
Delta R.T.: -0.016 min
Response: 1207038
Conc: 850.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



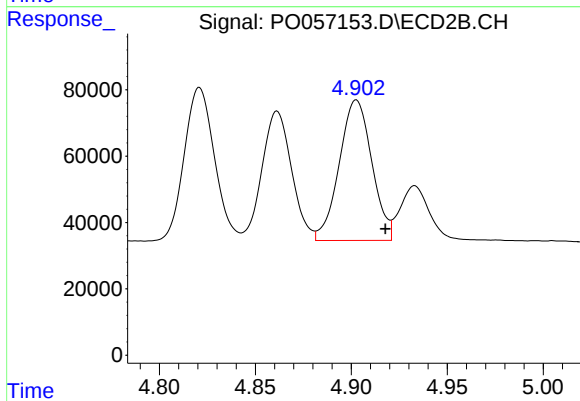
#13 AR-1232-3

R.T.: 4.821 min
Delta R.T.: -0.015 min
Response: 505872
Conc: 966.71 ng/ml



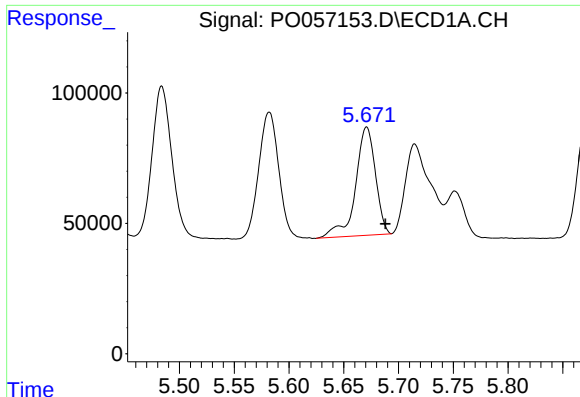
#14 AR-1232-4

R.T.: 5.582 min
Delta R.T.: -0.017 min
Response: 618761
Conc: 879.01 ng/ml



#14 AR-1232-4

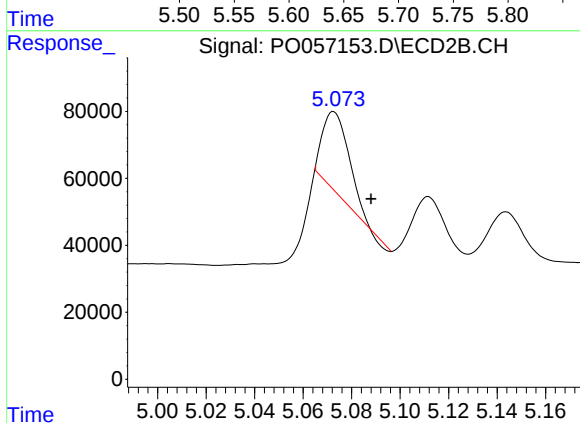
R.T.: 4.903 min
Delta R.T.: -0.015 min
Response: 502310
Conc: 1019.53 ng/ml



#15 AR-1232-5

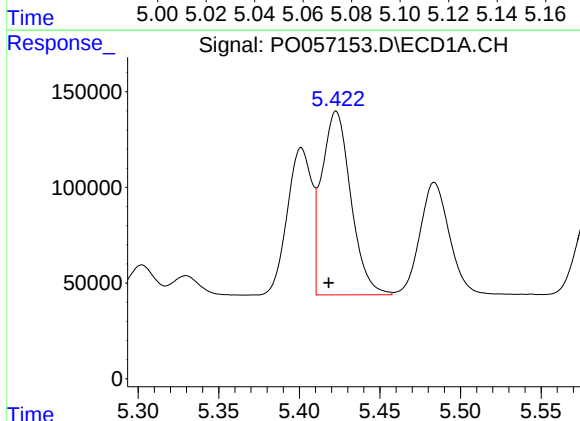
R.T.: 5.671 min
Delta R.T.: -0.017 min
Response: 525311
Conc: 929.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



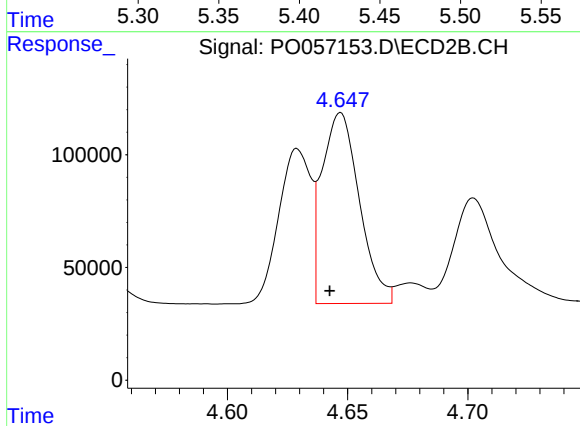
#15 AR-1232-5

R.T.: 5.073 min
Delta R.T.: -0.015 min
Response: 178041
Conc: 316.09 ng/ml



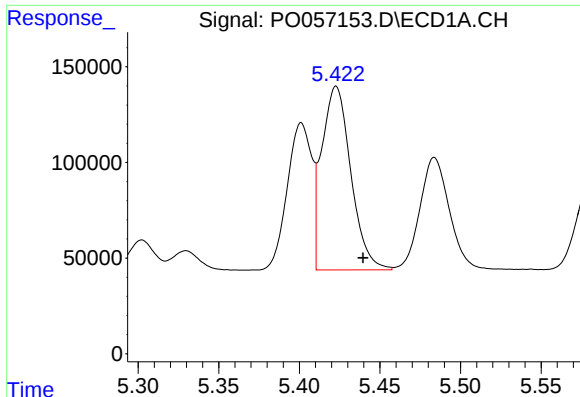
#16 AR-1242-1

R.T.: 5.423 min
Delta R.T.: 0.005 min
Response: 1207038
Conc: 699.65 ng/ml



#16 AR-1242-1

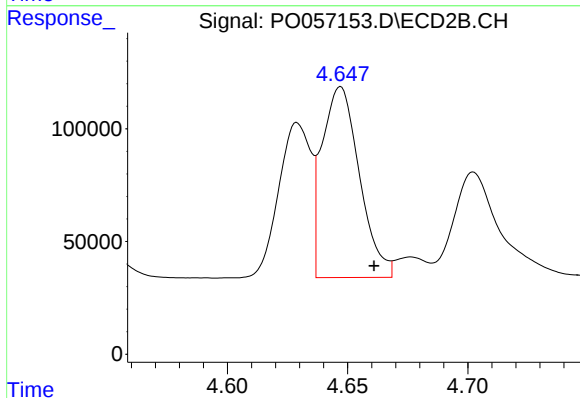
R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 917604
Conc: 740.85 ng/ml



#17 AR-1242-2

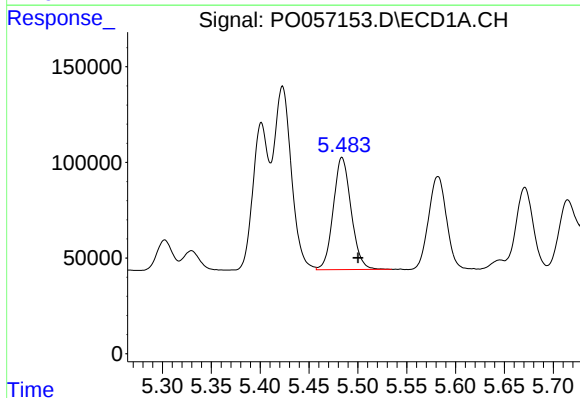
R.T.: 5.423 min
Delta R.T.: -0.017 min
Response: 1207038
Conc: 475.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



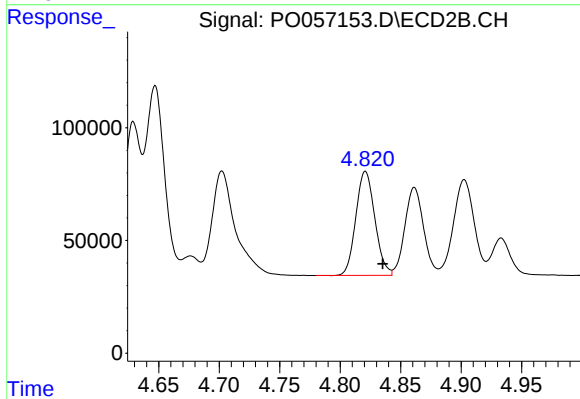
#17 AR-1242-2

R.T.: 4.647 min
Delta R.T.: -0.014 min
Response: 917604
Conc: 510.23 ng/ml



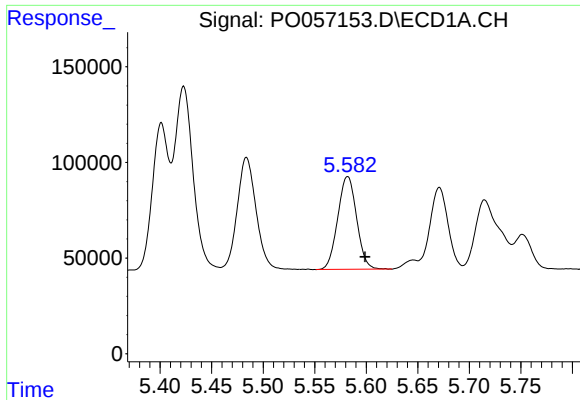
#18 AR-1242-3

R.T.: 5.484 min
Delta R.T.: -0.016 min
Response: 745597
Conc: 458.54 ng/ml



#18 AR-1242-3

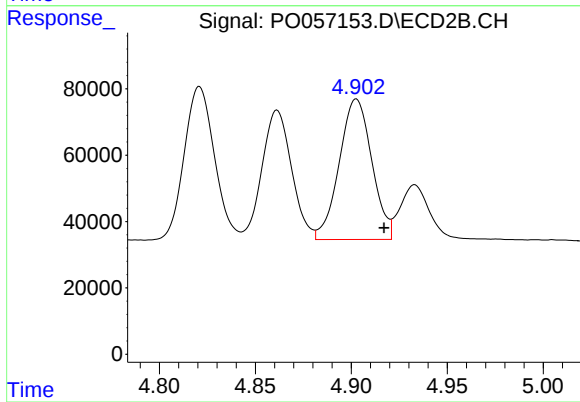
R.T.: 4.821 min
Delta R.T.: -0.014 min
Response: 505872
Conc: 514.57 ng/ml



#19 AR-1242-4

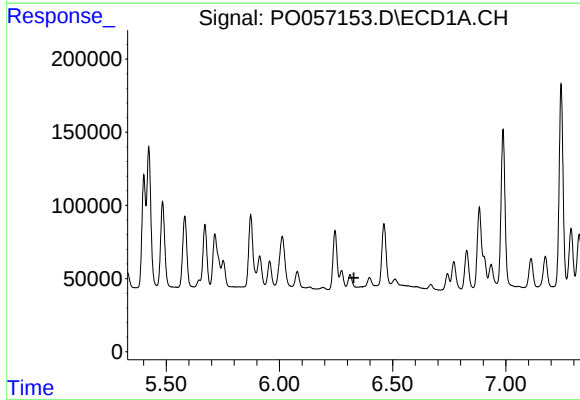
R.T.: 5.582 min
Delta R.T.: -0.017 min
Response: 618761
Conc: 462.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



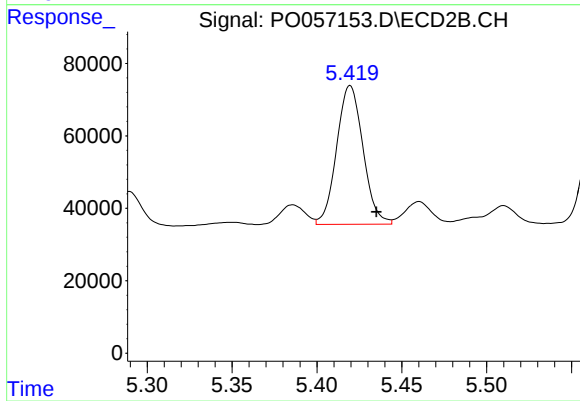
#19 AR-1242-4

R.T.: 4.903 min
Delta R.T.: -0.014 min
Response: 502310
Conc: 516.20 ng/ml



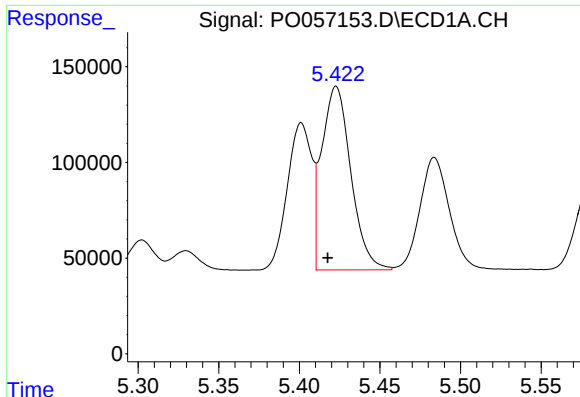
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.329 min
Response: 0
Conc: N.D.



#20 AR-1242-5

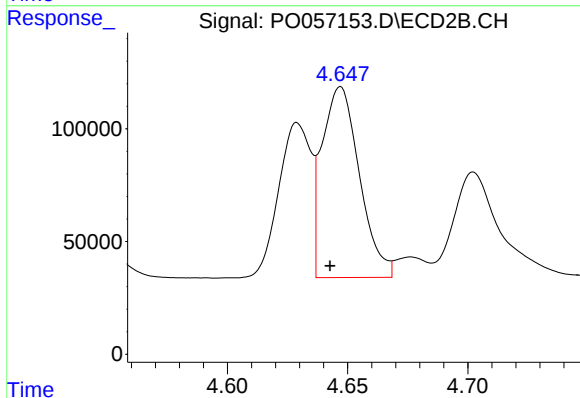
R.T.: 5.420 min
Delta R.T.: -0.016 min
Response: 413959
Conc: 350.14 ng/ml



#21 AR-1248-1

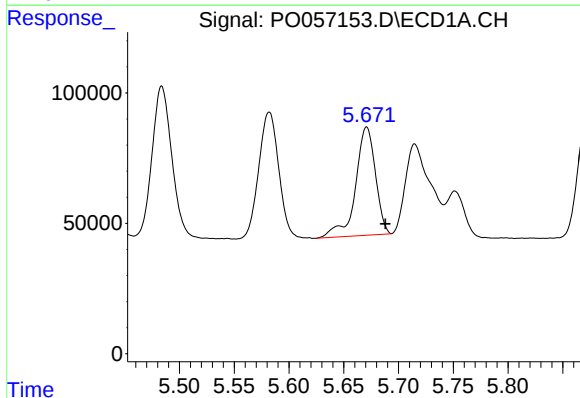
R.T.: 5.423 min
Delta R.T.: 0.005 min
Response: 1207038
Conc: 936.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



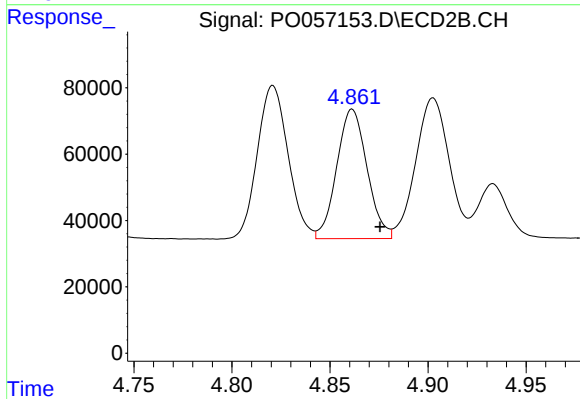
#21 AR-1248-1

R.T.: 4.647 min
Delta R.T.: 0.004 min
Response: 917604
Conc: 979.80 ng/ml



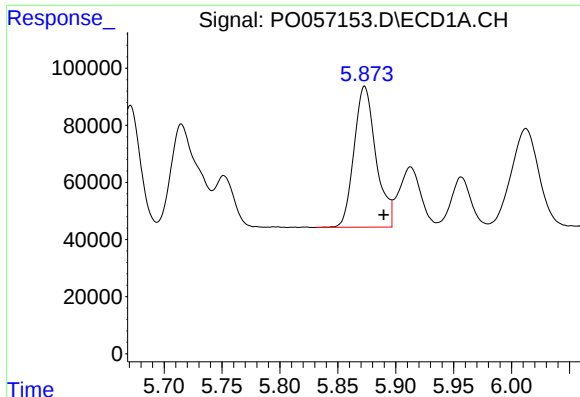
#22 AR-1248-2

R.T.: 5.671 min
Delta R.T.: -0.017 min
Response: 525311
Conc: 281.99 ng/ml



#22 AR-1248-2

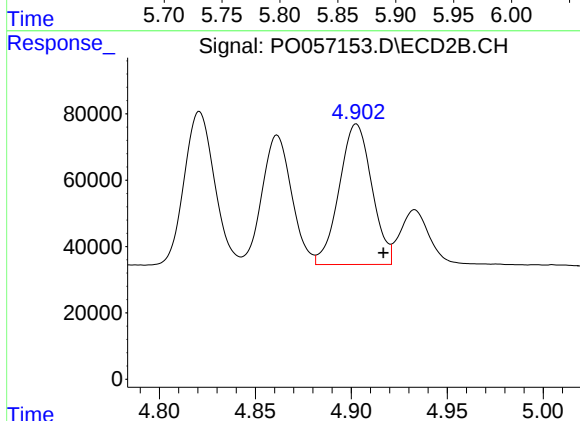
R.T.: 4.861 min
Delta R.T.: -0.014 min
Response: 419641
Conc: 330.31 ng/ml



#23 AR-1248-3

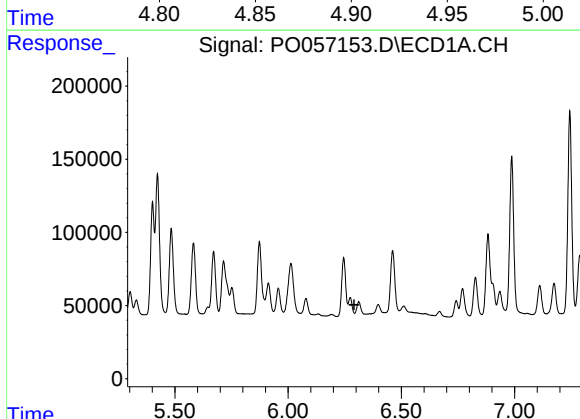
R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 649197
Conc: 316.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



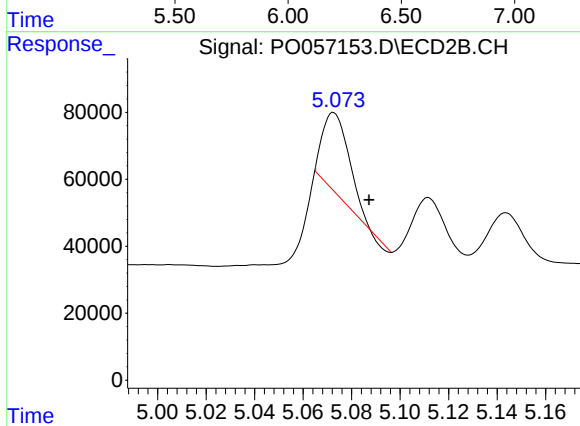
#23 AR-1248-3

R.T.: 4.903 min
Delta R.T.: -0.014 min
Response: 502310
Conc: 384.65 ng/ml



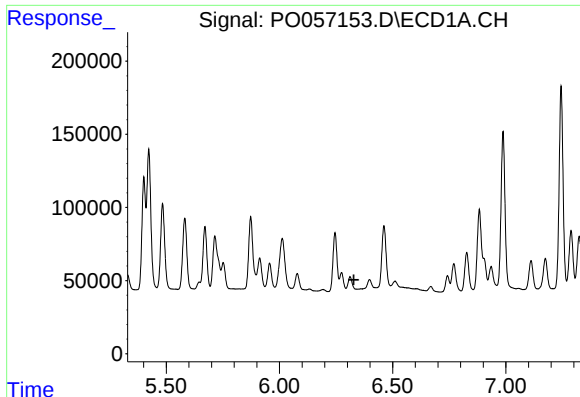
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.291 min
Response: 0
Conc: N.D.



#24 AR-1248-4

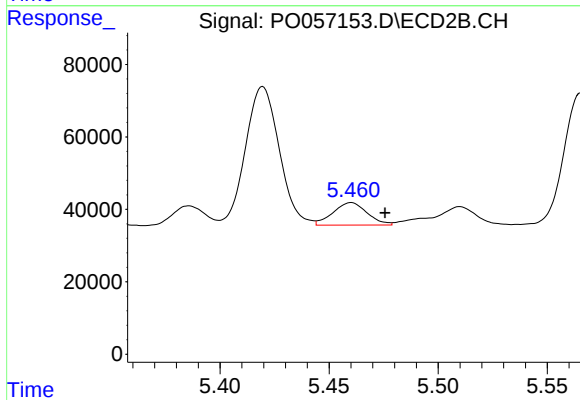
R.T.: 5.073 min
Delta R.T.: -0.015 min
Response: 178041
Conc: 112.43 ng/ml



#25 AR-1248-5

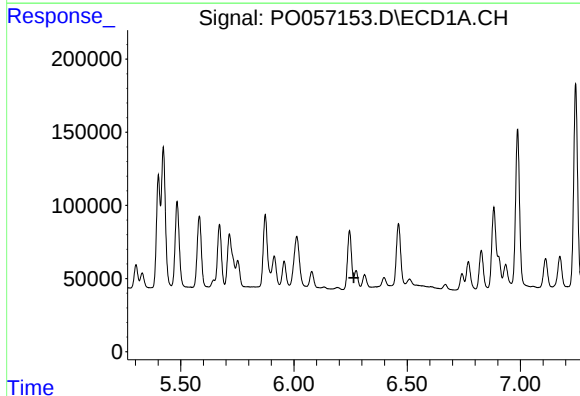
R.T.: 0.000 min
Exp R.T.: 6.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



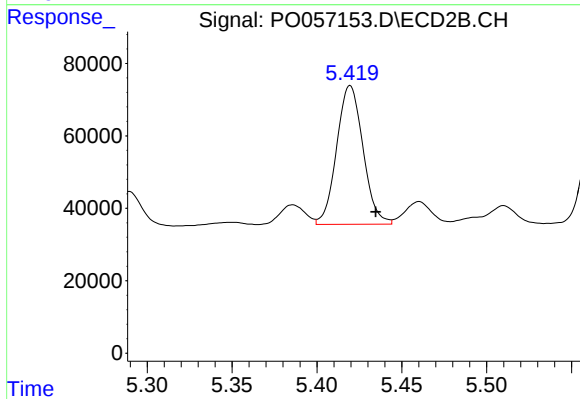
#25 AR-1248-5

R.T.: 5.460 min
Delta R.T.: -0.015 min
Response: 67510
Conc: 40.79 ng/ml



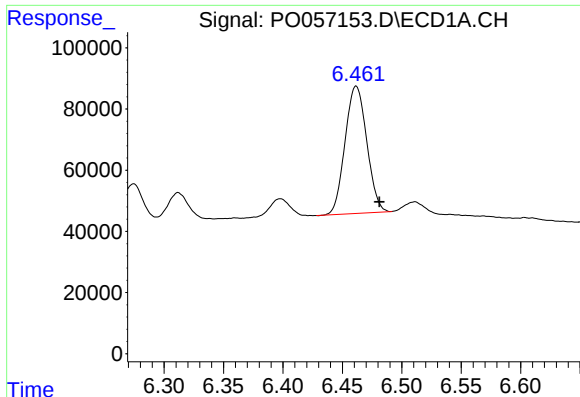
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.264 min
Response: 0
Conc: N.D.



#26 AR-1254-1

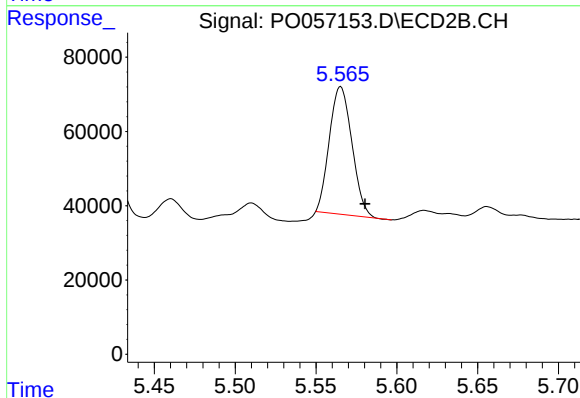
R.T.: 5.420 min
Delta R.T.: -0.015 min
Response: 413959
Conc: 156.52 ng/ml



#27 AR-1254-2

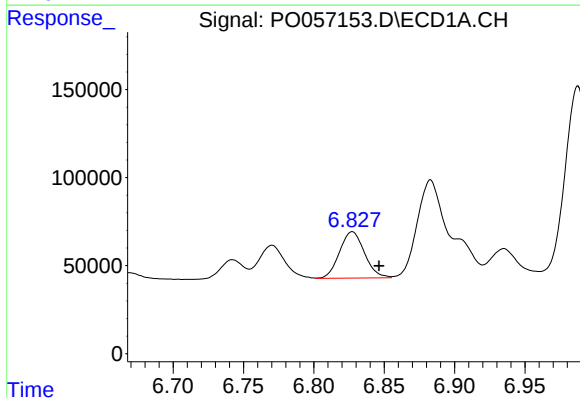
R.T.: 6.462 min
Delta R.T.: -0.019 min
Response: 529733
Conc: 136.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



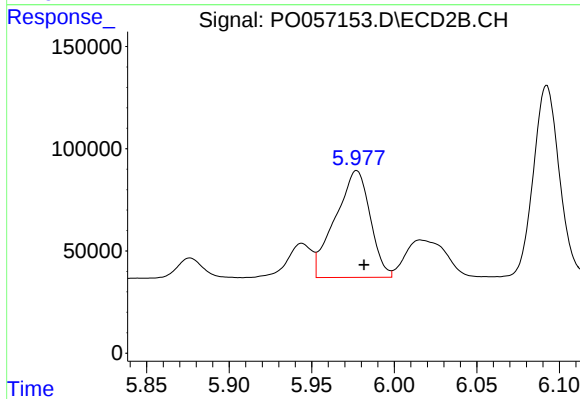
#27 AR-1254-2

R.T.: 5.565 min
Delta R.T.: -0.015 min
Response: 334136
Conc: 154.99 ng/ml



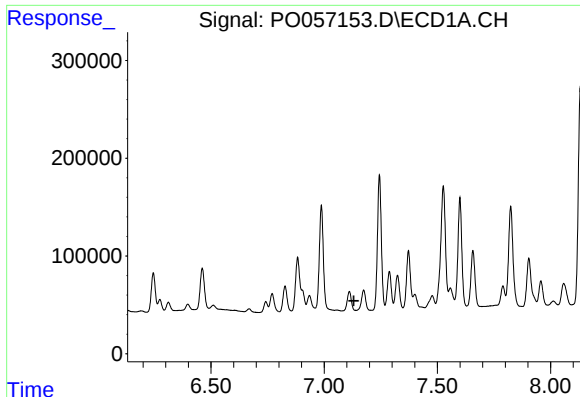
#28 AR-1254-3

R.T.: 6.827 min
Delta R.T.: -0.019 min
Response: 325496
Conc: 78.94 ng/ml



#28 AR-1254-3

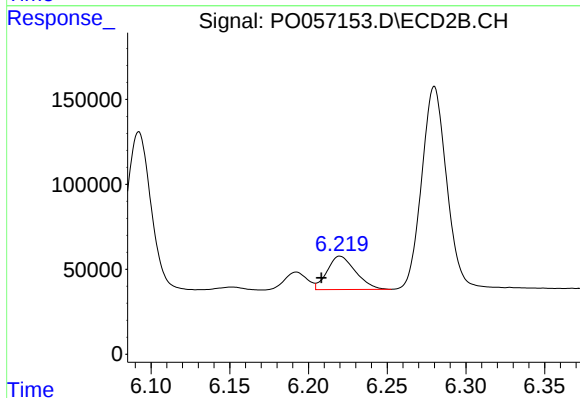
R.T.: 5.977 min
Delta R.T.: -0.004 min
Response: 767709
Conc: 209.70 ng/ml



#29 AR-1254-4

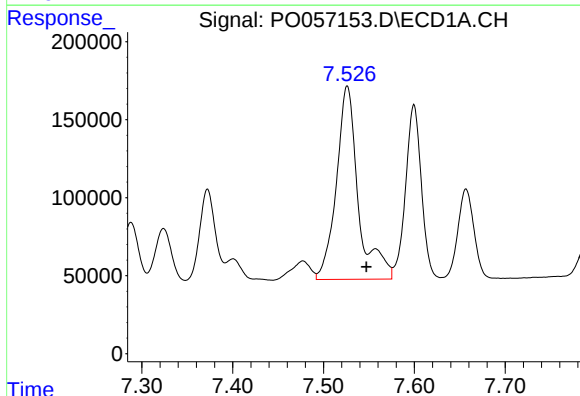
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



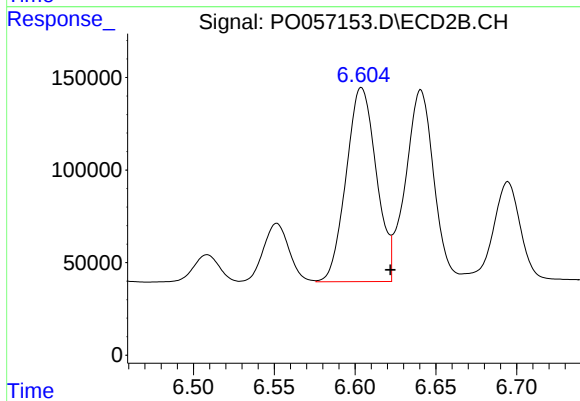
#29 AR-1254-4

R.T.: 6.220 min
Delta R.T.: 0.012 min
Response: 246672
Conc: 112.28 ng/ml



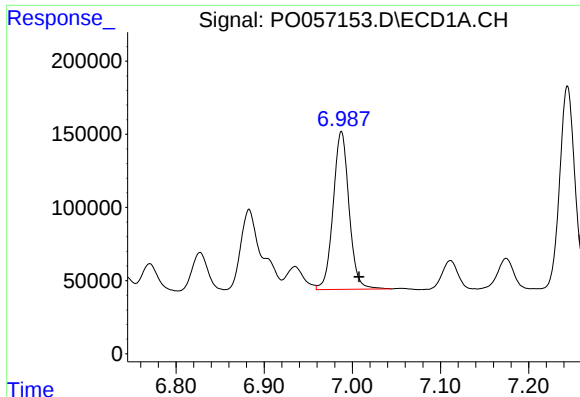
#30 AR-1254-5

R.T.: 7.526 min
Delta R.T.: -0.021 min
Response: 2080278
Conc: 552.44 ng/ml



#30 AR-1254-5

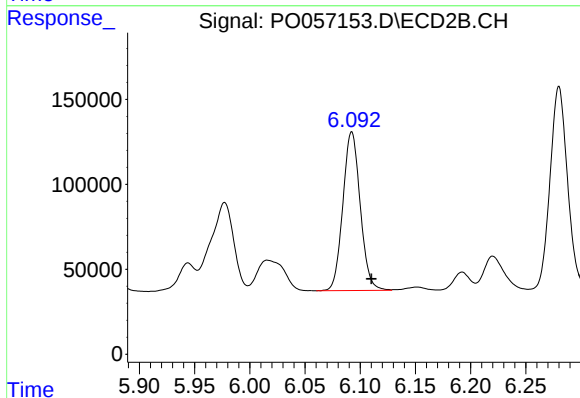
R.T.: 6.604 min
Delta R.T.: -0.018 min
Response: 1361280
Conc: 429.39 ng/ml



#31 AR-1260-1

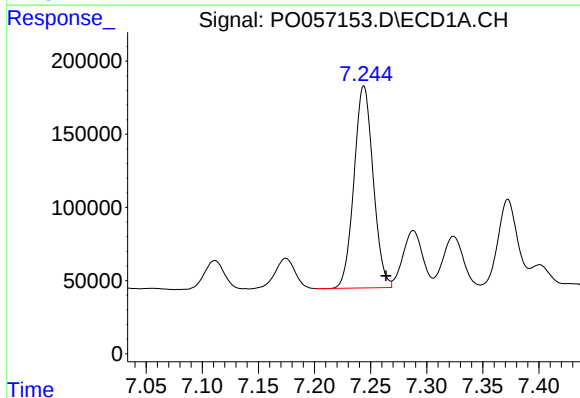
R.T.: 6.988 min
Delta R.T.: -0.020 min
Response: 1353117
Conc: 527.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



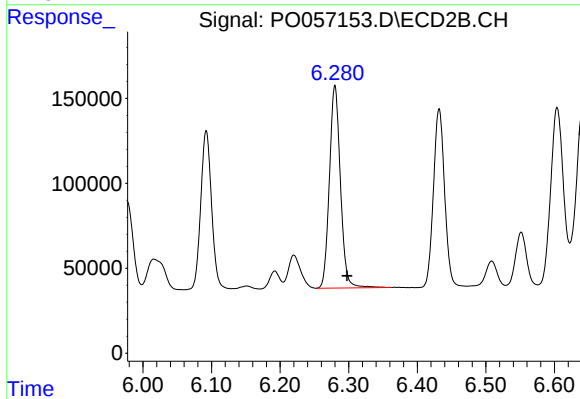
#31 AR-1260-1

R.T.: 6.092 min
Delta R.T.: -0.018 min
Response: 1023221
Conc: 511.51 ng/ml



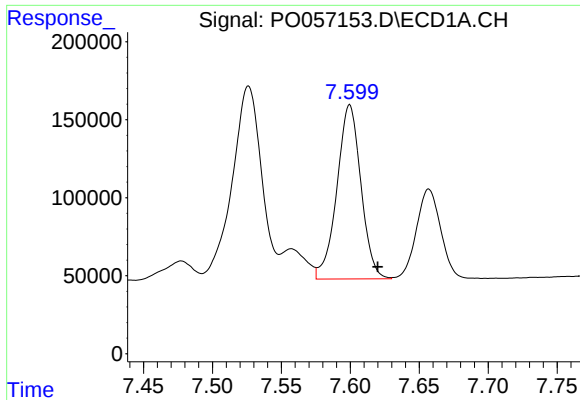
#32 AR-1260-2

R.T.: 7.244 min
Delta R.T.: -0.020 min
Response: 1639562
Conc: 542.15 ng/ml



#32 AR-1260-2

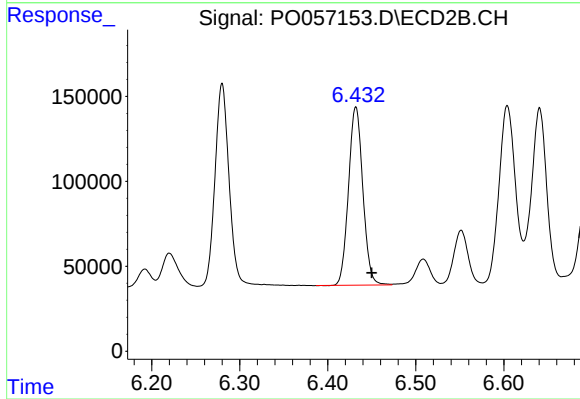
R.T.: 6.280 min
Delta R.T.: -0.018 min
Response: 1332328
Conc: 540.51 ng/ml



#33 AR-1260-3

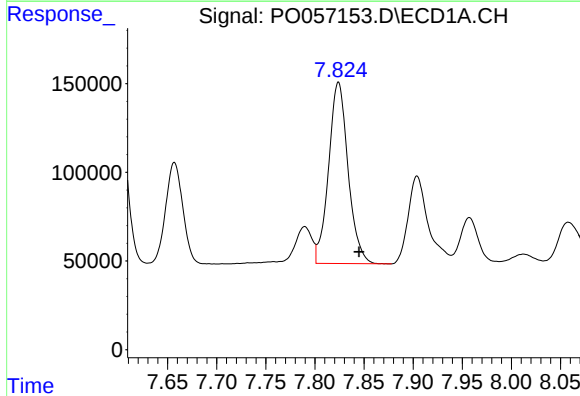
R.T.: 7.600 min
Delta R.T.: -0.020 min
Response: 1355883
Conc: 562.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



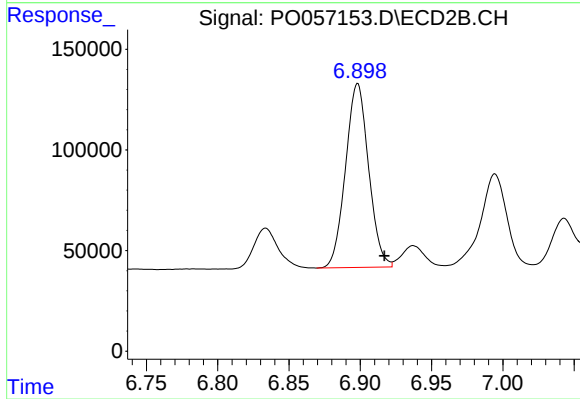
#33 AR-1260-3

R.T.: 6.432 min
Delta R.T.: -0.018 min
Response: 1187675
Conc: 529.45 ng/ml



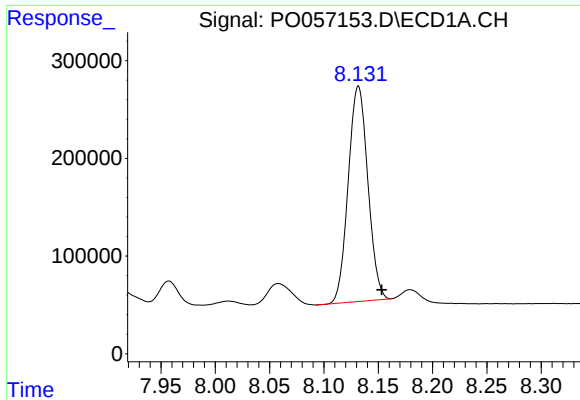
#34 AR-1260-4

R.T.: 7.824 min
Delta R.T.: -0.021 min
Response: 1410411
Conc: 538.49 ng/ml



#34 AR-1260-4

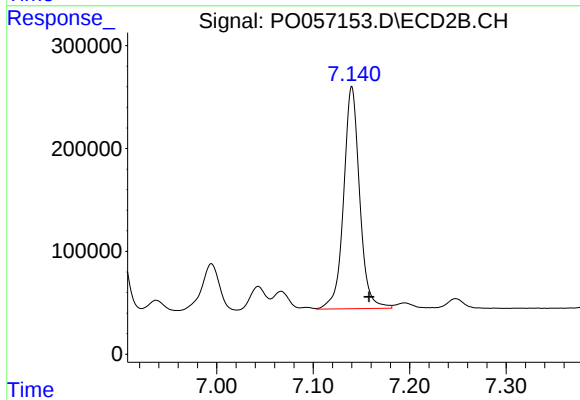
R.T.: 6.898 min
Delta R.T.: -0.019 min
Response: 1029636
Conc: 553.26 ng/ml



#35 AR-1260-5

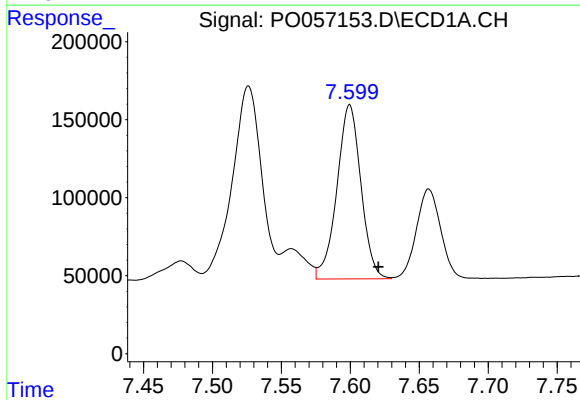
R.T.: 8.132 min
Delta R.T.: -0.022 min
Response: 2776430
Conc: 580.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



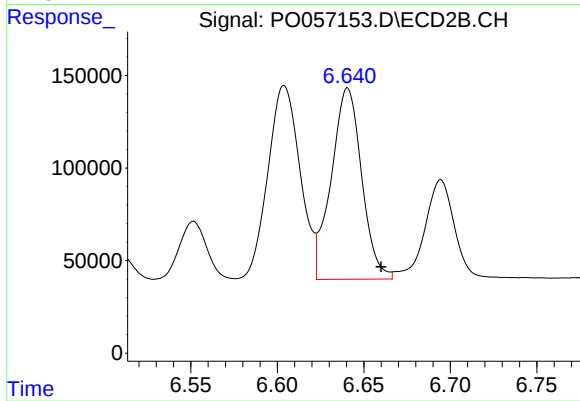
#35 AR-1260-5

R.T.: 7.140 min
Delta R.T.: -0.018 min
Response: 2498520
Conc: 579.39 ng/ml



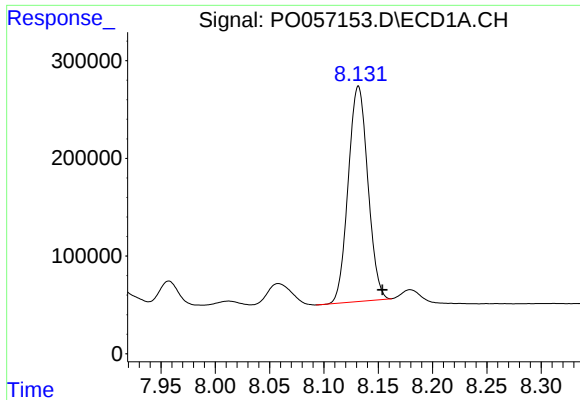
#36 AR-1262-1

R.T.: 7.600 min
Delta R.T.: -0.021 min
Response: 1355883
Conc: 289.91 ng/ml



#36 AR-1262-1

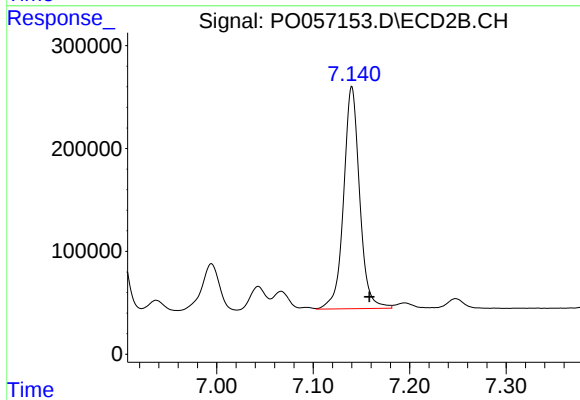
R.T.: 6.641 min
Delta R.T.: -0.019 min
Response: 1261780
Conc: 302.29 ng/ml



#37 AR-1262-2

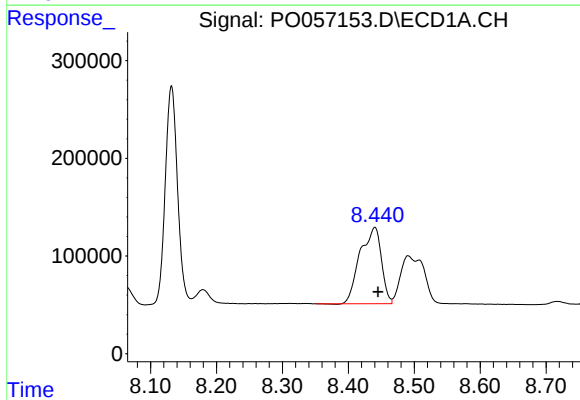
R.T.: 8.132 min
Delta R.T.: -0.022 min
Response: 2776430
Conc: 364.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



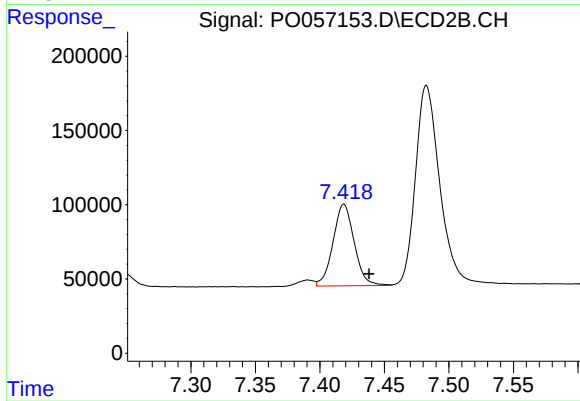
#37 AR-1262-2

R.T.: 7.140 min
Delta R.T.: -0.018 min
Response: 2498520
Conc: 363.65 ng/ml



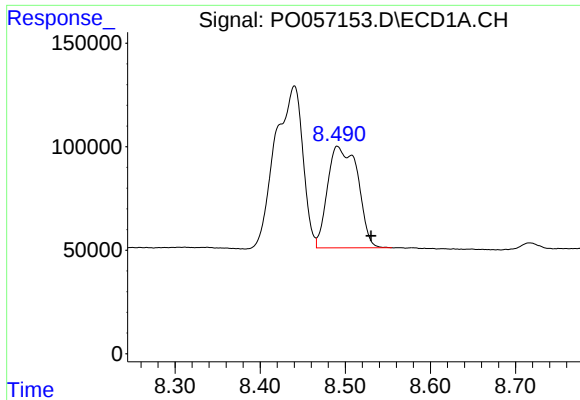
#38 AR-1262-3

R.T.: 8.440 min
Delta R.T.: -0.005 min
Response: 1757127
Conc: 335.74 ng/ml



#38 AR-1262-3

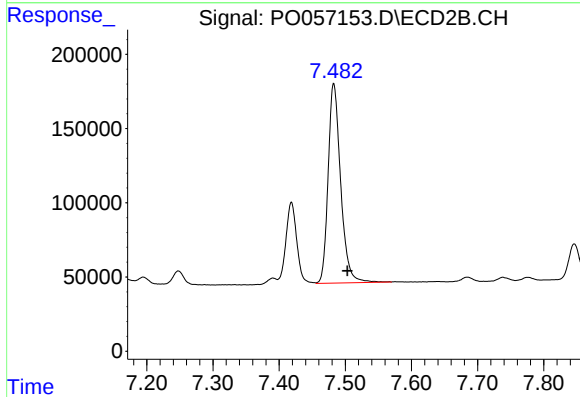
R.T.: 7.419 min
Delta R.T.: -0.019 min
Response: 628772
Conc: 212.90 ng/ml



#39 AR-1262-4

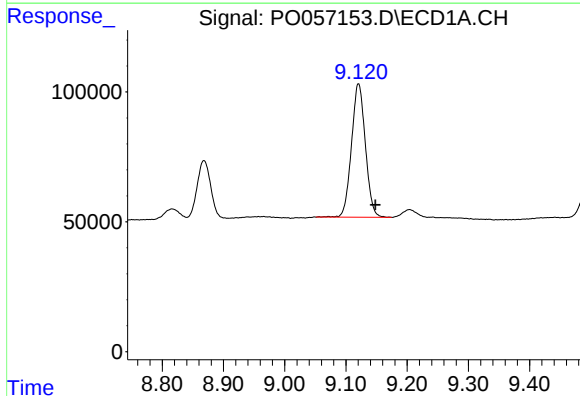
R.T.: 8.492 min
Delta R.T.: -0.039 min
Response: 1206145
Conc: 282.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



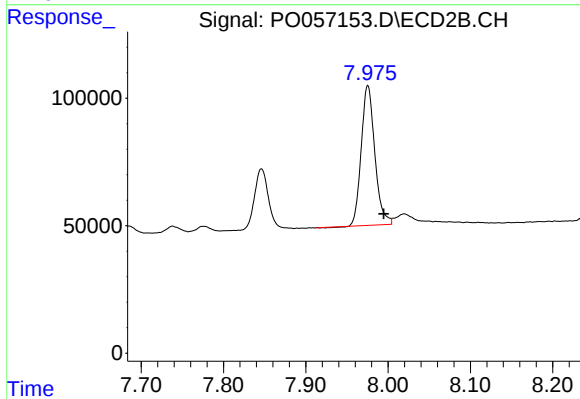
#39 AR-1262-4

R.T.: 7.483 min
Delta R.T.: -0.020 min
Response: 1766023
Conc: 338.93 ng/ml



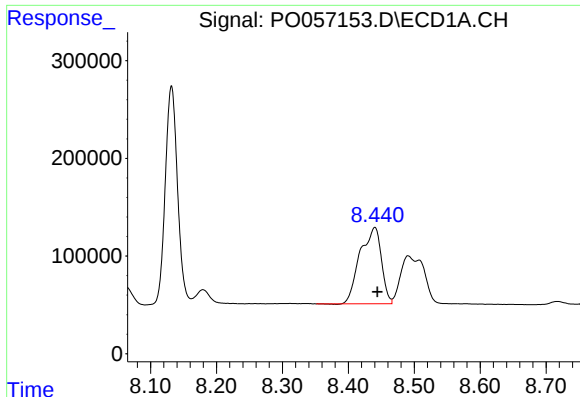
#40 AR-1262-5

R.T.: 9.121 min
Delta R.T.: -0.027 min
Response: 807775
Conc: 293.99 ng/ml



#40 AR-1262-5

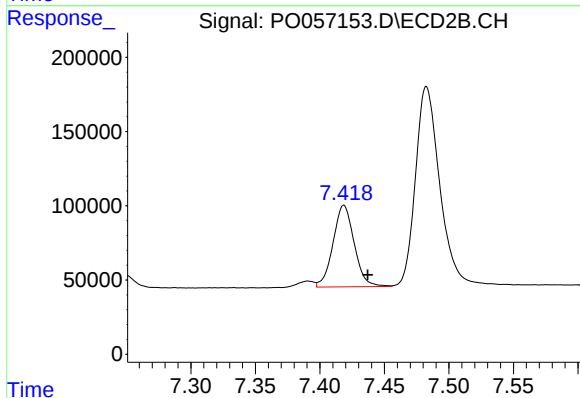
R.T.: 7.975 min
Delta R.T.: -0.019 min
Response: 627672
Conc: 270.30 ng/ml



#41 AR-1268-1

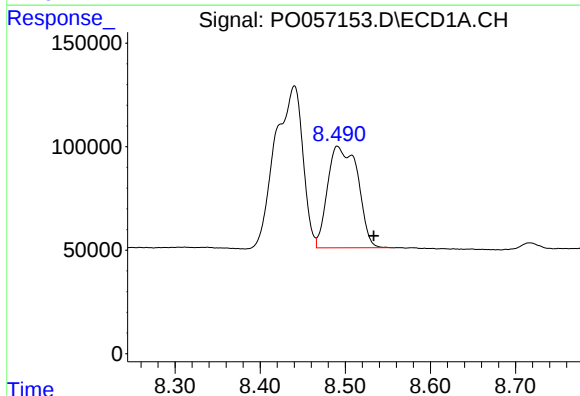
R.T.: 8.440 min
Delta R.T.: -0.004 min
Response: 1757127
Conc: 215.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



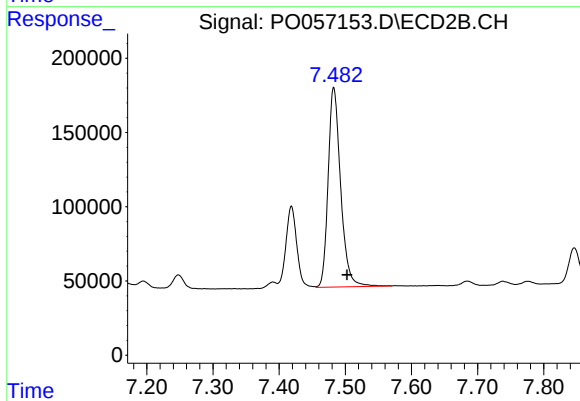
#41 AR-1268-1

R.T.: 7.419 min
Delta R.T.: -0.019 min
Response: 628772
Conc: 84.23 ng/ml



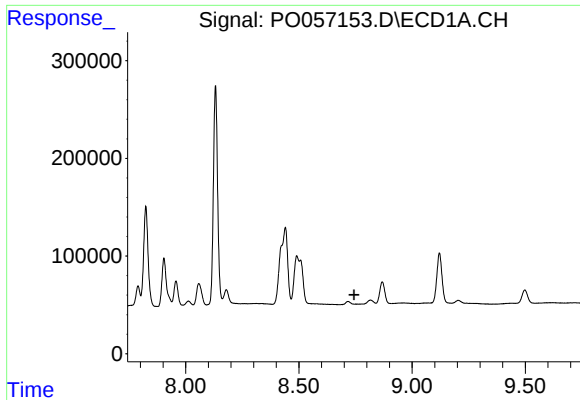
#42 AR-1268-2

R.T.: 8.492 min
Delta R.T.: -0.042 min
Response: 1206145
Conc: 149.09 ng/ml



#42 AR-1268-2

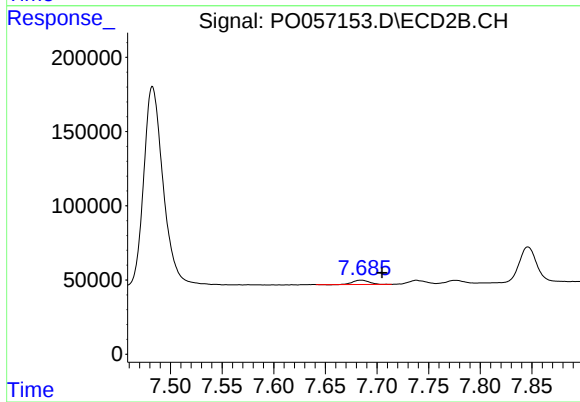
R.T.: 7.483 min
Delta R.T.: -0.020 min
Response: 1766023
Conc: 252.90 ng/ml



#43 AR-1268-3

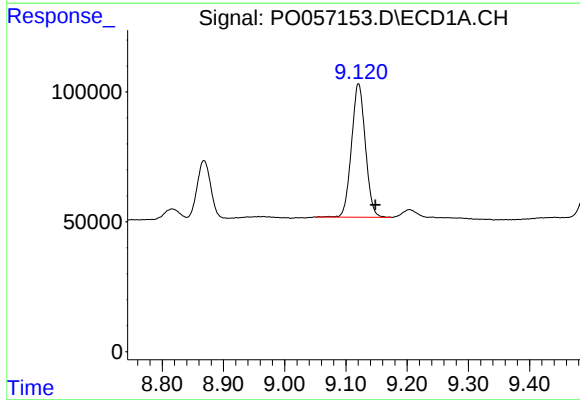
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



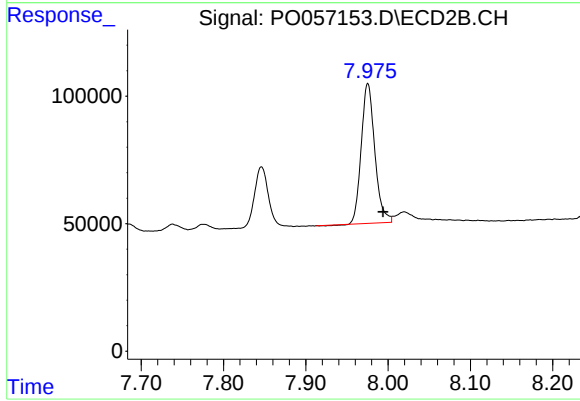
#43 AR-1268-3

R.T.: 7.685 min
Delta R.T.: -0.020 min
Response: 31336
Conc: 5.28 ng/ml



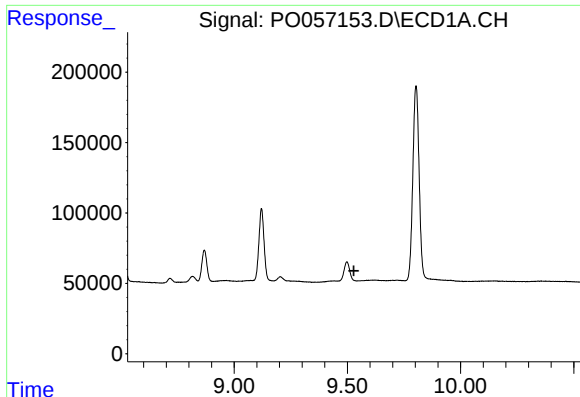
#44 AR-1268-4

R.T.: 9.121 min
Delta R.T.: -0.028 min
Response: 807775
Conc: 296.21 ng/ml



#44 AR-1268-4

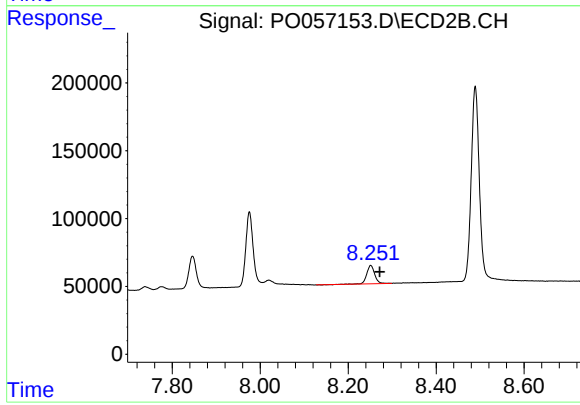
R.T.: 7.975 min
Delta R.T.: -0.018 min
Response: 627672
Conc: 268.90 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.251 min
Delta R.T.: -0.021 min
Response: 169854
Conc: 9.81 ng/ml