

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061419\
 Data File : P0057162.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Jun 2019 10:54
 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 11:25:30 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...	4.242	3.563	1759540	1719518	45.961	52.141
2)	SA Decachlor...	9.805	8.490	2777340	1973646	56.584	55.351
Target Compounds							
3)	L1 AR-1016-1	5.424	4.648	1187136	921233	660.026	732.016
4)	L1 AR-1016-2	5.424	4.648	1187136	921233	472.761	511.335
5)	L1 AR-1016-3	5.485	4.822	746572	508924	464.489	516.178
6)	L1 AR-1016-4	5.583	4.863	608723	424272	464.037	512.503
7)	L1 AR-1016-5	5.874	5.074	648963	206019	469.715	192.053 #
8)	L2 AR-1221-1	0.000	3.771	0	55019	N.D.	108.487 #
9)	L2 AR-1221-2	4.615	3.857	351321	81992	736.373	217.561 #
10)	L2 AR-1221-3	4.615	3.931	351321	315365	237.689	263.451
11)	L3 AR-1232-1	4.615	3.931	351321	315365	298.138	351.044
12)	L3 AR-1232-2	5.137	4.648	538073	921233	811.525	947.888
13)	L3 AR-1232-3	5.424	4.822	1187136	508924	836.807	972.541
14)	L3 AR-1232-4	5.583	4.904	608723	508307	864.753	1031.703
15)	L3 AR-1232-5	5.672	5.074	519464	206019	918.774	365.766 #
16)	L4 AR-1242-1	5.424	4.648	1187136	921233	688.118	743.780
17)	L4 AR-1242-2	5.424	4.648	1187136	921233	467.602	512.245
18)	L4 AR-1242-3	5.485	4.822	746572	508924	459.142	517.669
19)	L4 AR-1242-4	5.583	4.904	608723	508307	455.384	522.360
20)	L4 AR-1242-5	0.000	5.421	0	419694	N.D.	354.990 #
21)	L5 AR-1248-1	5.424	4.648	1187136	921233	921.322	983.678
22)	L5 AR-1248-2	5.672	4.863	519464	424272	278.848	333.955
23)	L5 AR-1248-3	5.874	4.904	648963	508307	316.358	389.238
24)	L5 AR-1248-4	0.000	5.074	0	206019	N.D.	130.093 #
25)	L5 AR-1248-5	0.000	5.461	0	70659	N.D.	42.692 #
26)	L6 AR-1254-1	0.000	5.421	0	419694	N.D.	158.691 #
27)	L6 AR-1254-2	6.463	5.566	537105	341365	138.283	158.347
28)	L6 AR-1254-3	6.829	5.979	327513	787706	79.428	215.158 #
29)	L6 AR-1254-4	0.000	6.222	0	254345	N.D.	115.773 #
30)	L6 AR-1254-5	7.528	6.605	2167705	1386774	575.654	437.435
31)	L7 AR-1260-1	6.990	6.094	1325082	1062101	516.364	530.949
32)	L7 AR-1260-2	7.245	6.281	1667607	1369453	551.428	555.568
33)	L7 AR-1260-3	7.602	6.432	1417444	1239402	588.383	552.508
34)	L7 AR-1260-4	7.826	6.899	1449179	1073542	553.288	576.857
35)	L7 AR-1260-5	8.134	7.141	2825591	2632258	590.870	610.402
36)	L8 AR-1262-1	7.602	6.642	1417444	1319743	303.070	316.178
37)	L8 AR-1262-2	8.134	7.141	2825591	2632258	370.628	383.117
38)	L8 AR-1262-3	8.441	7.419	1826284	650760	348.957	220.340 #
39)	L8 AR-1262-4	8.493	7.484	1265564	1869746	296.448	358.835
40)	L8 AR-1262-5	9.123	7.976	841474	651402	306.252	280.518
41)	L9 AR-1268-1	8.441	7.419	1826284	650760	224.428	87.174 #

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 Acq On : 14 Jun 2019 10:54
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

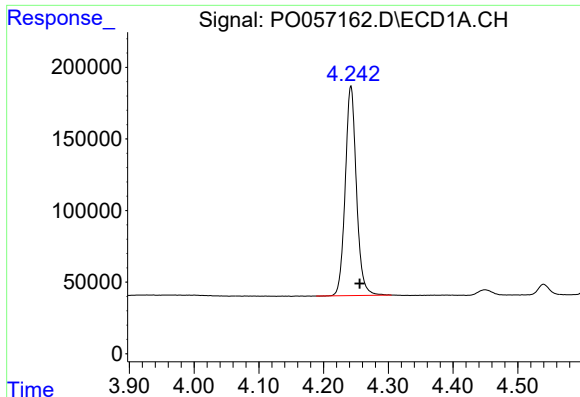
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.493	7.484	1265564	1869746	156.439	267.754 #
43) L9	AR-1268-3	0.000	7.686	0	34541	N.D.	5.820 #
44) L9	AR-1268-4	9.123	7.976	841474	651402	308.563	279.063
45) L9	AR-1268-5	0.000	8.253	0	164585	N.D.	9.510 #

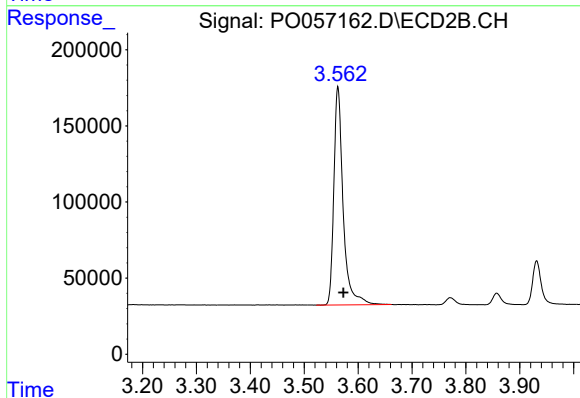
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

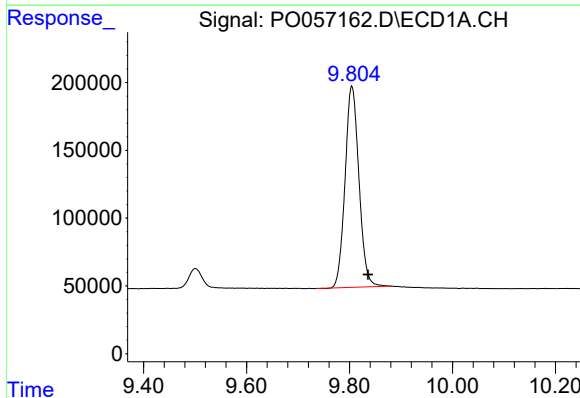
R.T.: 4.242 min
Delta R.T.: -0.014 min
Response: 1759540
Conc: 45.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



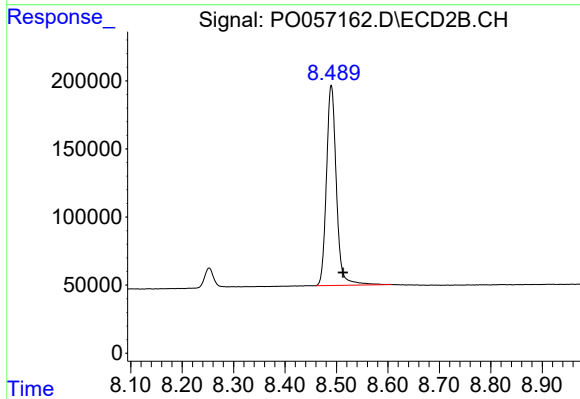
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: -0.010 min
Response: 1719518
Conc: 52.14 ng/ml



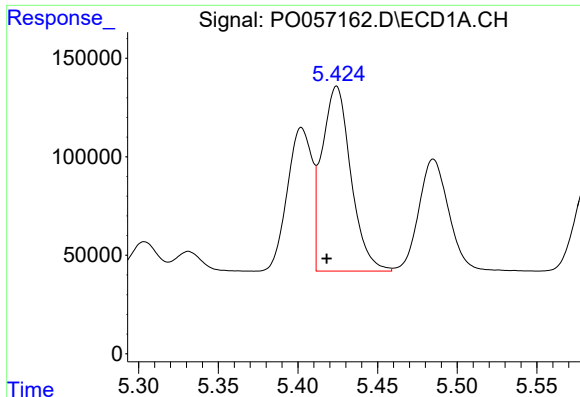
#2 Decachlorobiphenyl

R.T.: 9.805 min
Delta R.T.: -0.032 min
Response: 2777340
Conc: 56.58 ng/ml



#2 Decachlorobiphenyl

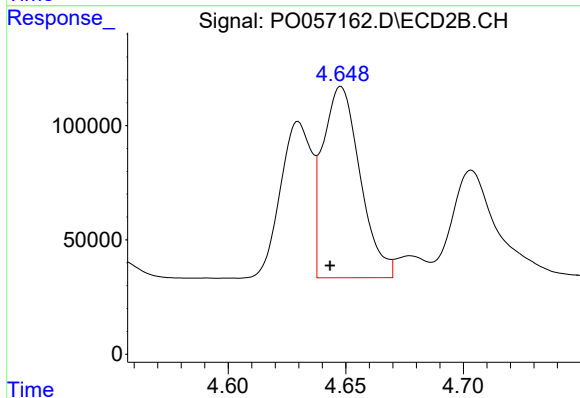
R.T.: 8.490 min
Delta R.T.: -0.023 min
Response: 1973646
Conc: 55.35 ng/ml



#3 AR-1016-1

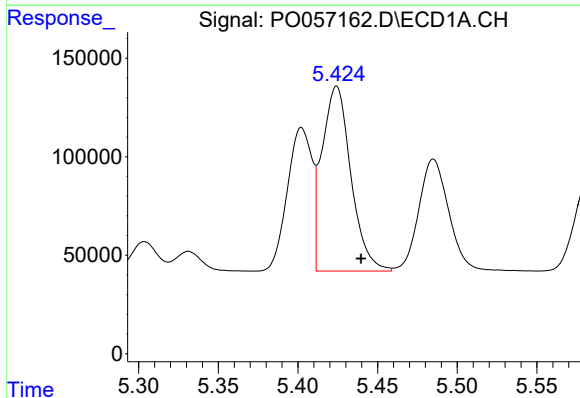
R.T.: 5.424 min
Delta R.T.: 0.006 min
Response: 1187136
Conc: 660.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



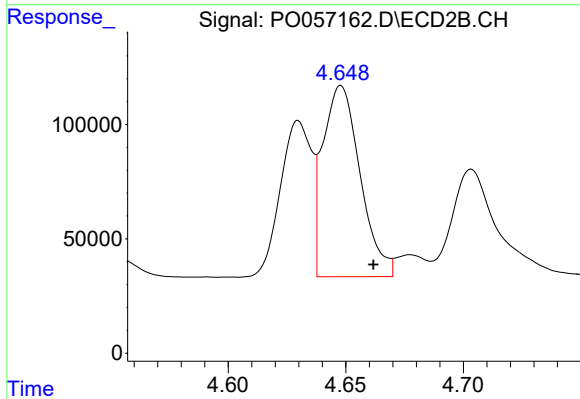
#3 AR-1016-1

R.T.: 4.648 min
Delta R.T.: 0.005 min
Response: 921233
Conc: 732.02 ng/ml



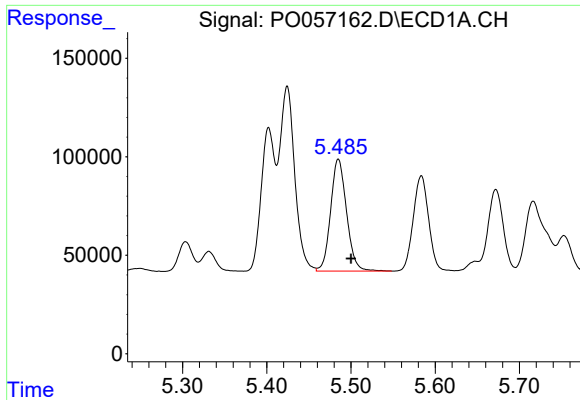
#4 AR-1016-2

R.T.: 5.424 min
Delta R.T.: -0.015 min
Response: 1187136
Conc: 472.76 ng/ml



#4 AR-1016-2

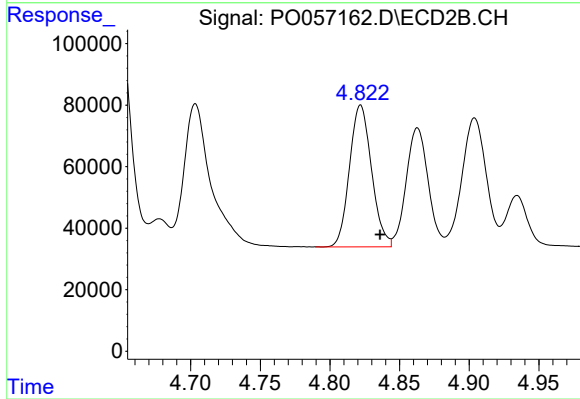
R.T.: 4.648 min
Delta R.T.: -0.014 min
Response: 921233
Conc: 511.33 ng/ml



#5 AR-1016-3

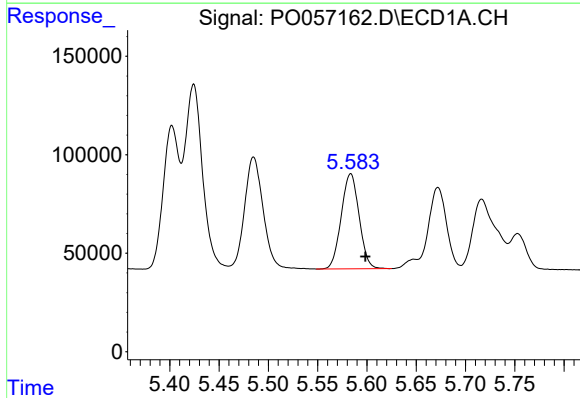
R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 746572
Conc: 464.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



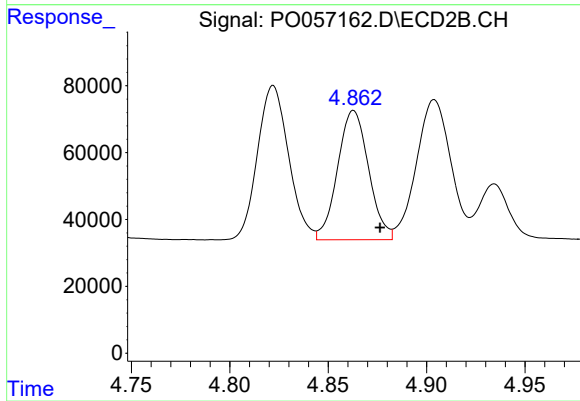
#5 AR-1016-3

R.T.: 4.822 min
Delta R.T.: -0.014 min
Response: 508924
Conc: 516.18 ng/ml



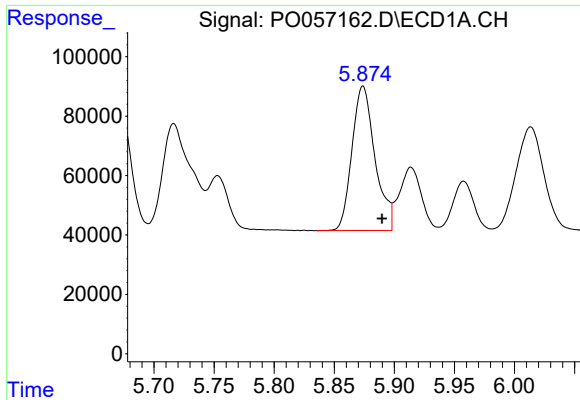
#6 AR-1016-4

R.T.: 5.583 min
Delta R.T.: -0.015 min
Response: 608723
Conc: 464.04 ng/ml



#6 AR-1016-4

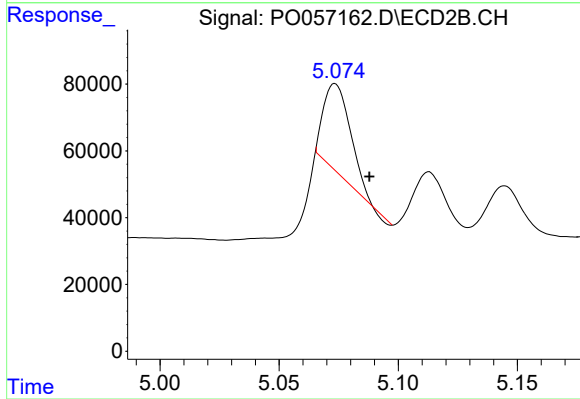
R.T.: 4.863 min
Delta R.T.: -0.013 min
Response: 424272
Conc: 512.50 ng/ml



#7 AR-1016-5

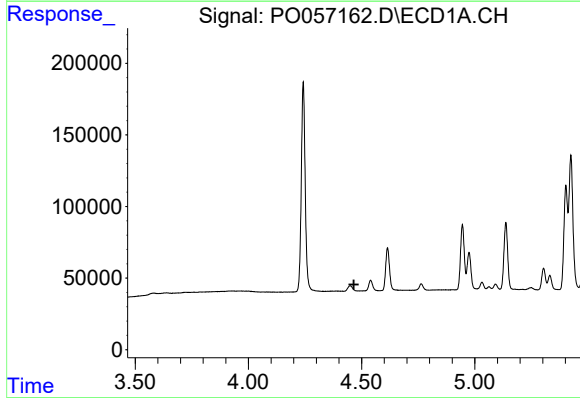
R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 648963
Conc: 469.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



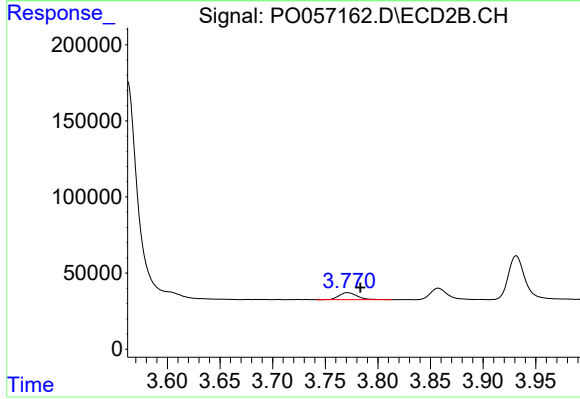
#7 AR-1016-5

R.T.: 5.074 min
Delta R.T.: -0.014 min
Response: 206019
Conc: 192.05 ng/ml



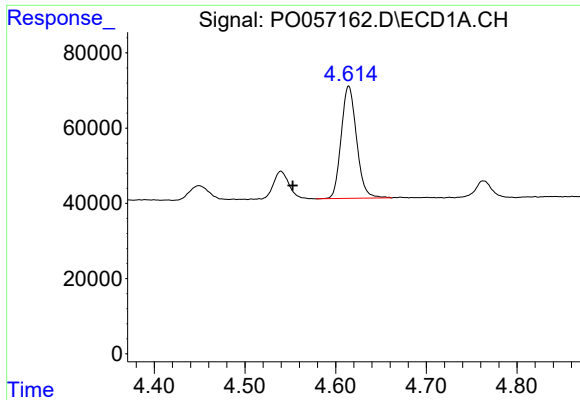
#8 AR-1221-1

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



#8 AR-1221-1

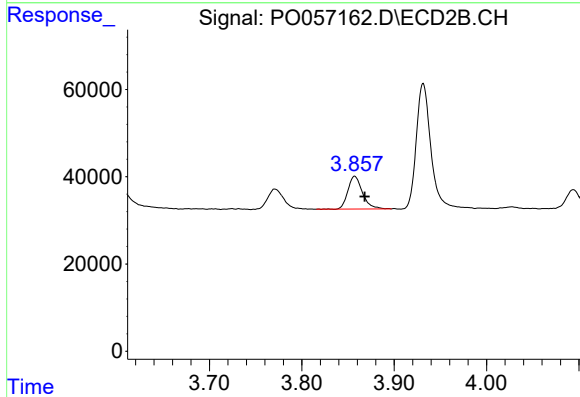
R.T.: 3.771 min
Delta R.T.: -0.013 min
Response: 55019
Conc: 108.49 ng/ml



#9 AR-1221-2

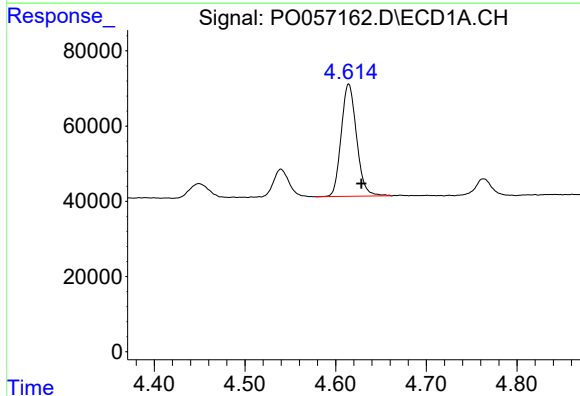
R.T.: 4.615 min
Delta R.T.: 0.062 min
Response: 351321
Conc: 736.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



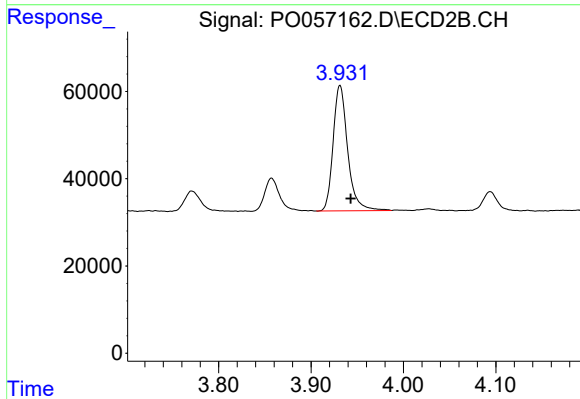
#9 AR-1221-2

R.T.: 3.857 min
Delta R.T.: -0.011 min
Response: 81992
Conc: 217.56 ng/ml



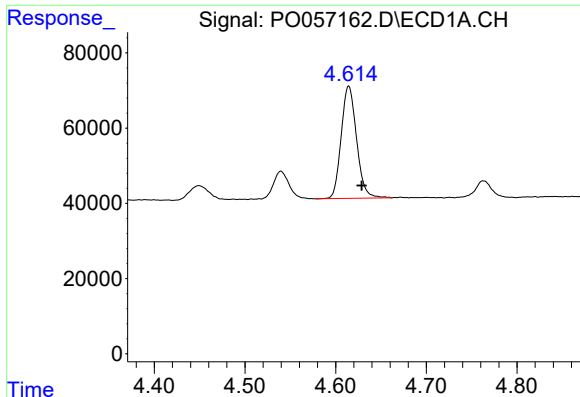
#10 AR-1221-3

R.T.: 4.615 min
Delta R.T.: -0.014 min
Response: 351321
Conc: 237.69 ng/ml



#10 AR-1221-3

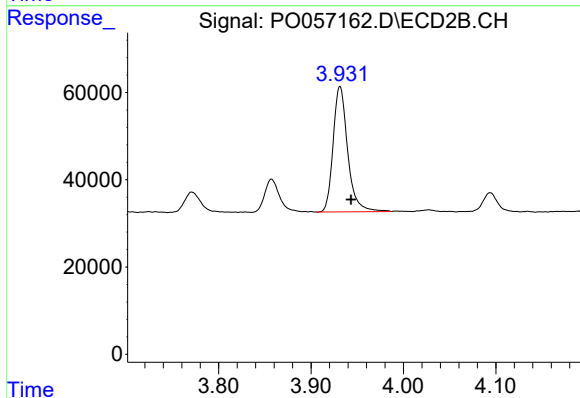
R.T.: 3.931 min
Delta R.T.: -0.012 min
Response: 315365
Conc: 263.45 ng/ml



#11 AR-1232-1

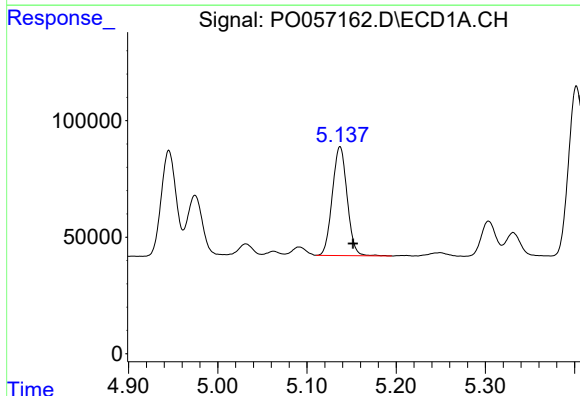
R.T.: 4.615 min
Delta R.T.: -0.014 min
Response: 351321
Conc: 298.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



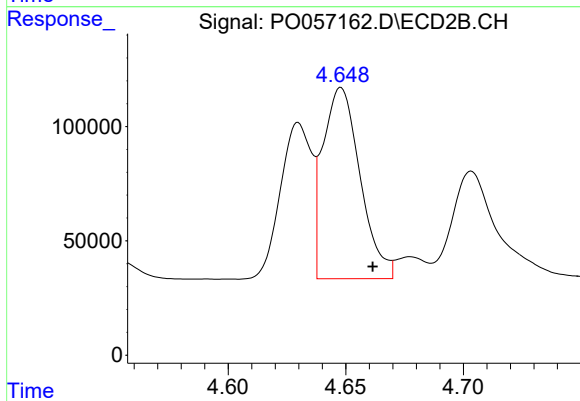
#11 AR-1232-1

R.T.: 3.931 min
Delta R.T.: -0.012 min
Response: 315365
Conc: 351.04 ng/ml



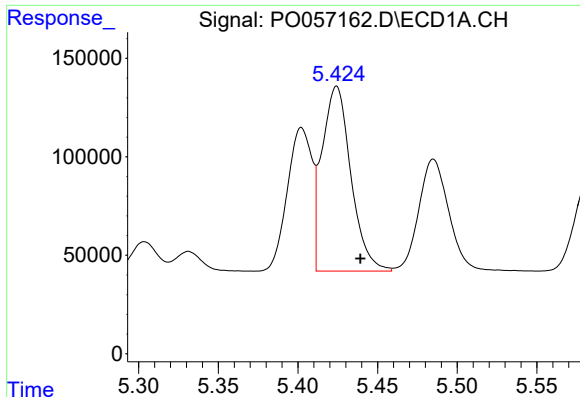
#12 AR-1232-2

R.T.: 5.137 min
Delta R.T.: -0.015 min
Response: 538073
Conc: 811.53 ng/ml



#12 AR-1232-2

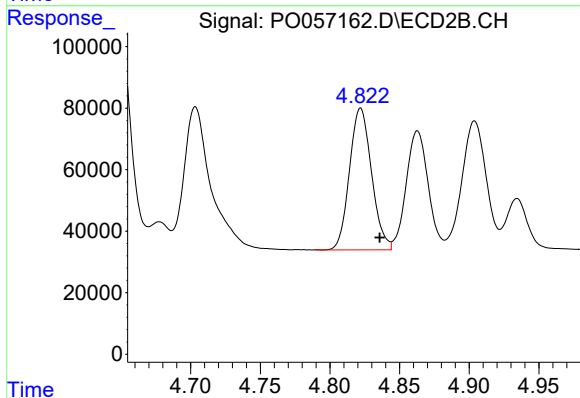
R.T.: 4.648 min
Delta R.T.: -0.013 min
Response: 921233
Conc: 947.89 ng/ml



#13 AR-1232-3

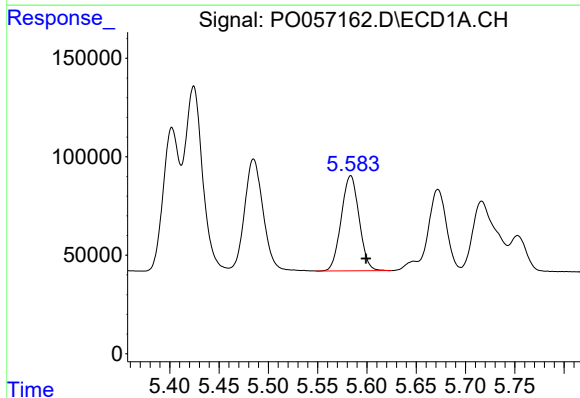
R.T.: 5.424 min
Delta R.T.: -0.015 min
Response: 1187136
Conc: 836.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



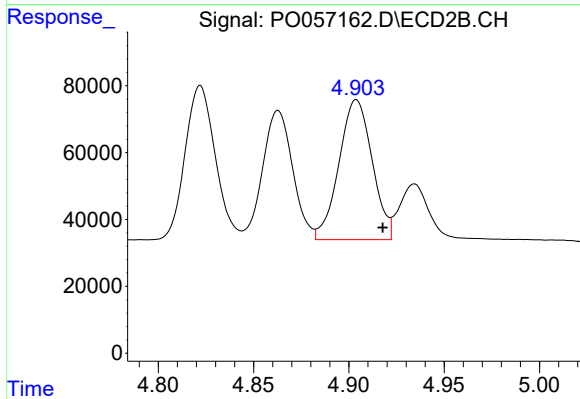
#13 AR-1232-3

R.T.: 4.822 min
Delta R.T.: -0.014 min
Response: 508924
Conc: 972.54 ng/ml



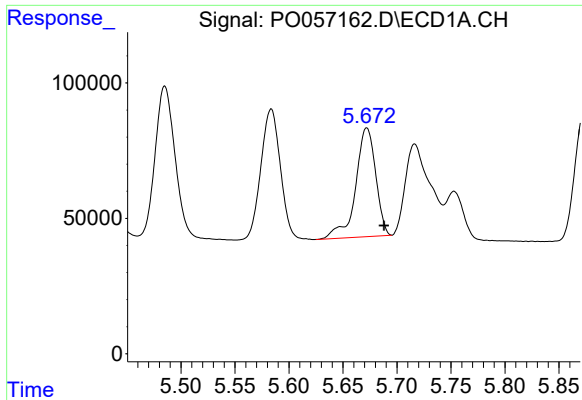
#14 AR-1232-4

R.T.: 5.583 min
Delta R.T.: -0.016 min
Response: 608723
Conc: 864.75 ng/ml



#14 AR-1232-4

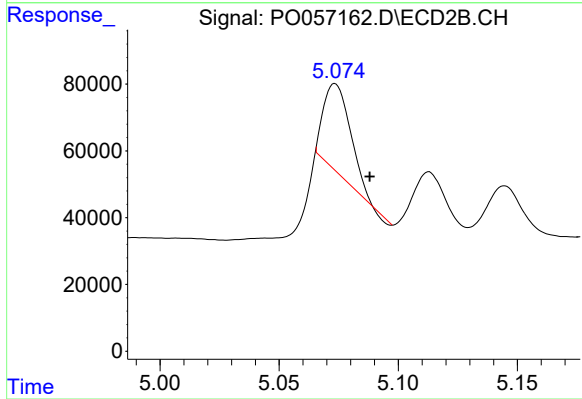
R.T.: 4.904 min
Delta R.T.: -0.014 min
Response: 508307
Conc: 1031.70 ng/ml



#15 AR-1232-5

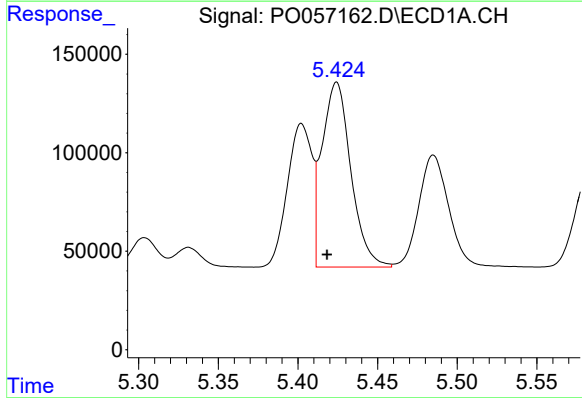
R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 519464
Conc: 918.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



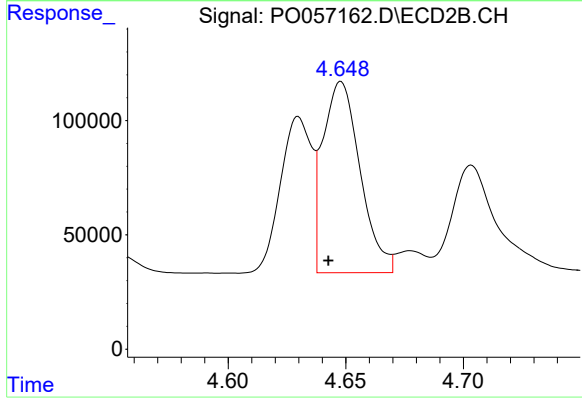
#15 AR-1232-5

R.T.: 5.074 min
Delta R.T.: -0.014 min
Response: 206019
Conc: 365.77 ng/ml



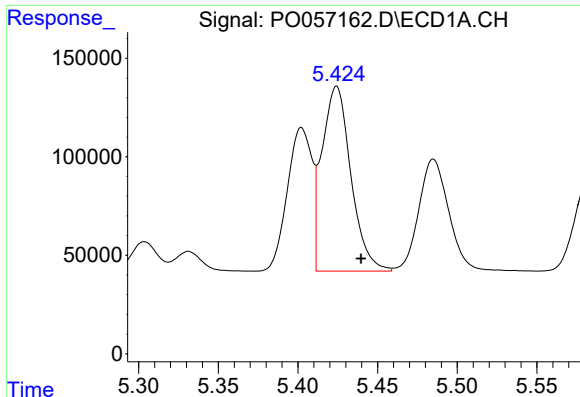
#16 AR-1242-1

R.T.: 5.424 min
Delta R.T.: 0.006 min
Response: 1187136
Conc: 688.12 ng/ml



#16 AR-1242-1

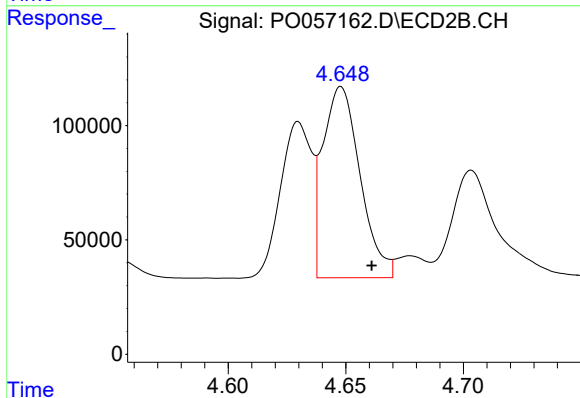
R.T.: 4.648 min
Delta R.T.: 0.005 min
Response: 921233
Conc: 743.78 ng/ml



#17 AR-1242-2

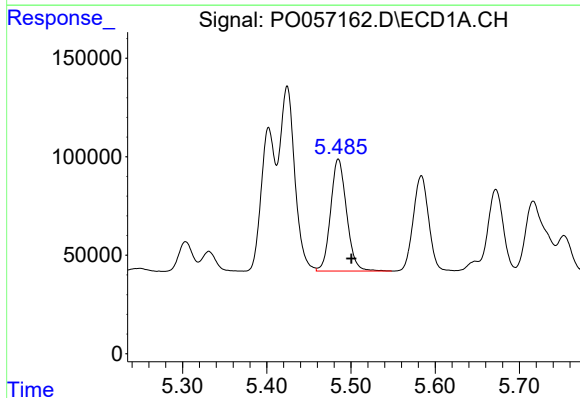
R.T.: 5.424 min
Delta R.T.: -0.015 min
Response: 1187136
Conc: 467.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



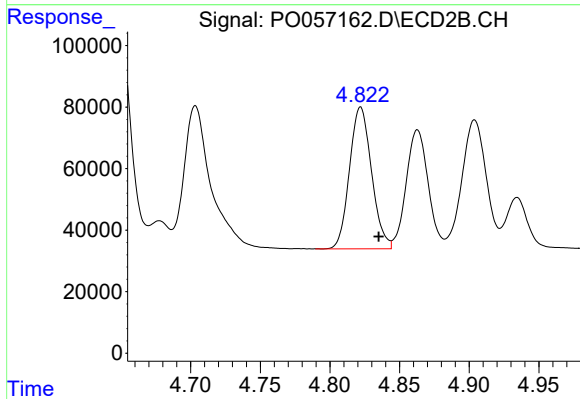
#17 AR-1242-2

R.T.: 4.648 min
Delta R.T.: -0.013 min
Response: 921233
Conc: 512.24 ng/ml



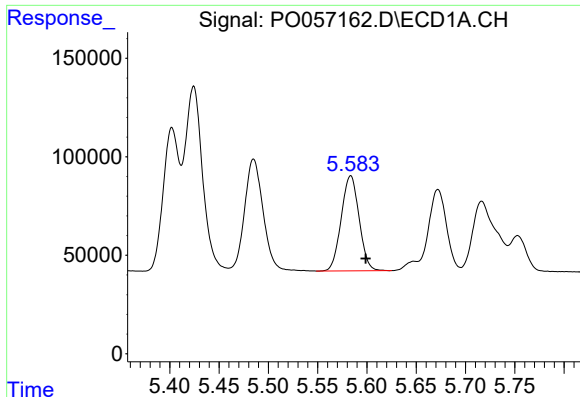
#18 AR-1242-3

R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 746572
Conc: 459.14 ng/ml



#18 AR-1242-3

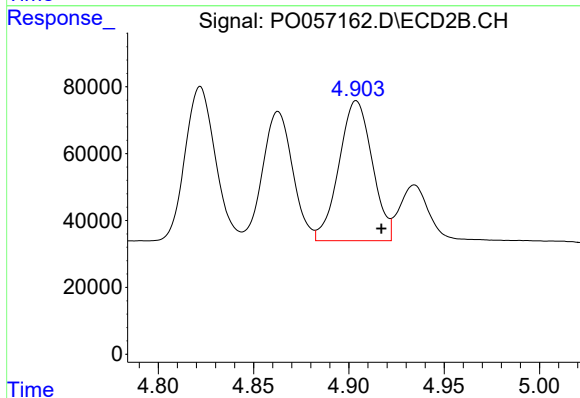
R.T.: 4.822 min
Delta R.T.: -0.013 min
Response: 508924
Conc: 517.67 ng/ml



#19 AR-1242-4

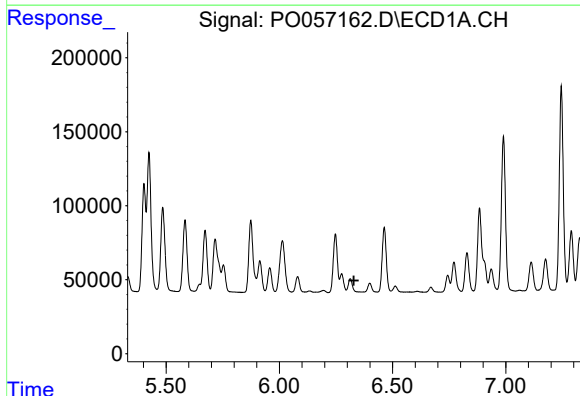
R.T.: 5.583 min
Delta R.T.: -0.015 min
Response: 608723
Conc: 455.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



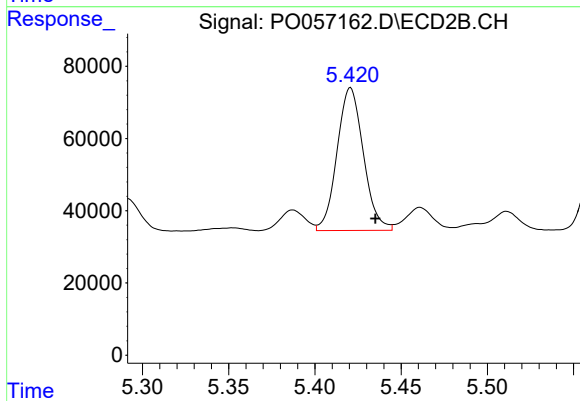
#19 AR-1242-4

R.T.: 4.904 min
Delta R.T.: -0.013 min
Response: 508307
Conc: 522.36 ng/ml



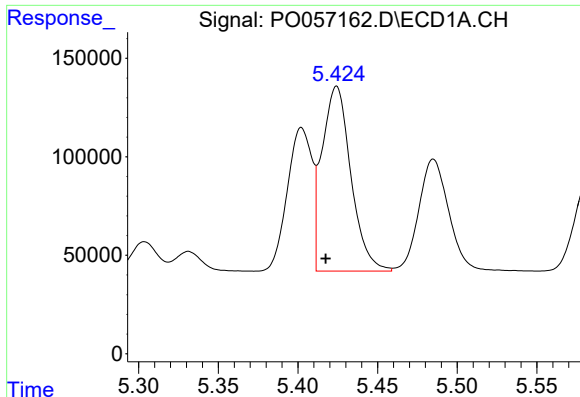
#20 AR-1242-5

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



#20 AR-1242-5

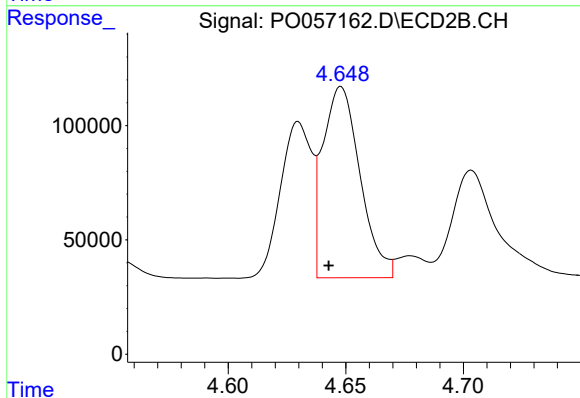
R.T.: 5.421 min
Delta R.T.: -0.014 min
Response: 419694
Conc: 354.99 ng/ml



#21 AR-1248-1

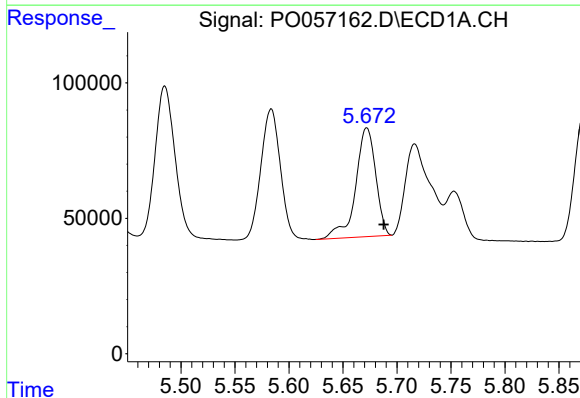
R.T.: 5.424 min
Delta R.T.: 0.007 min
Response: 1187136
Conc: 921.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



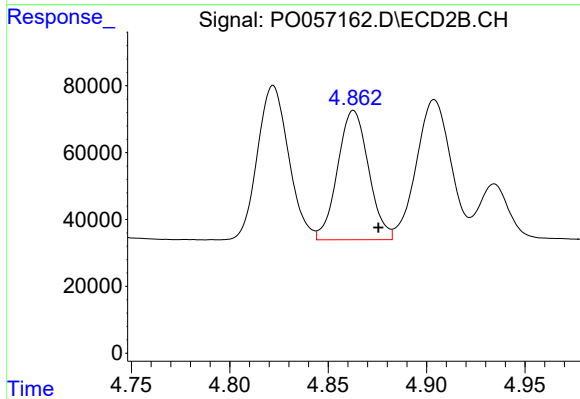
#21 AR-1248-1

R.T.: 4.648 min
Delta R.T.: 0.005 min
Response: 921233
Conc: 983.68 ng/ml



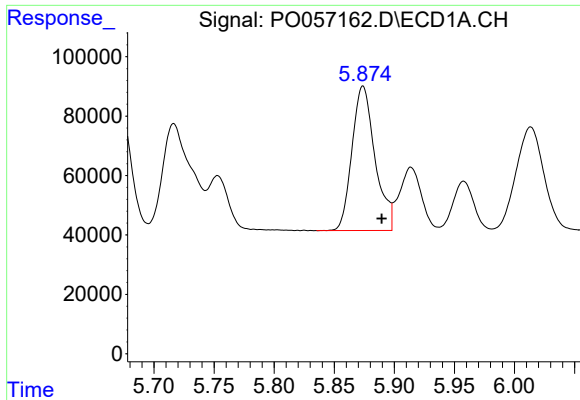
#22 AR-1248-2

R.T.: 5.672 min
Delta R.T.: -0.016 min
Response: 519464
Conc: 278.85 ng/ml



#22 AR-1248-2

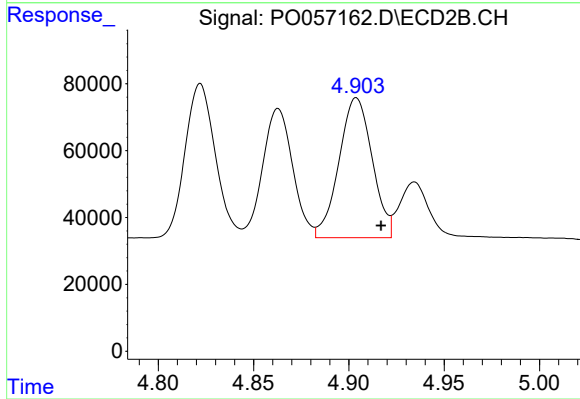
R.T.: 4.863 min
Delta R.T.: -0.013 min
Response: 424272
Conc: 333.95 ng/ml



#23 AR-1248-3

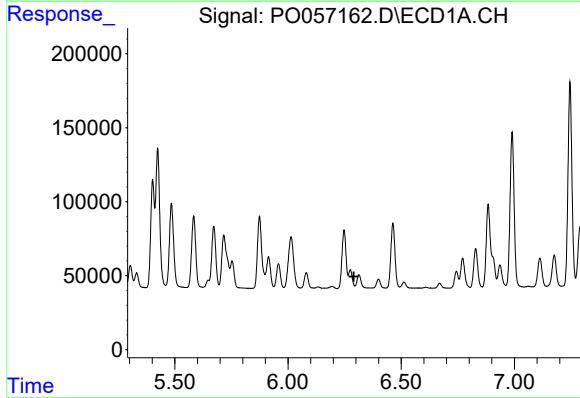
R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 648963
Conc: 316.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



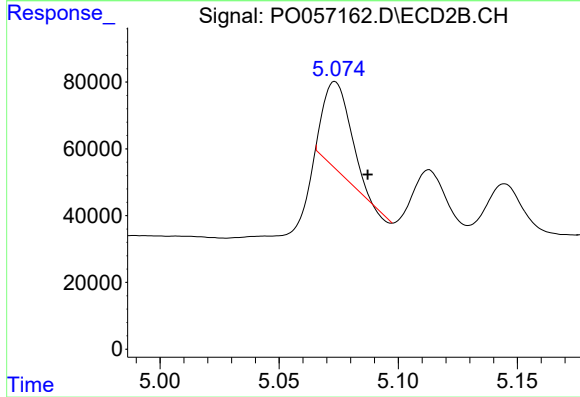
#23 AR-1248-3

R.T.: 4.904 min
Delta R.T.: -0.013 min
Response: 508307
Conc: 389.24 ng/ml



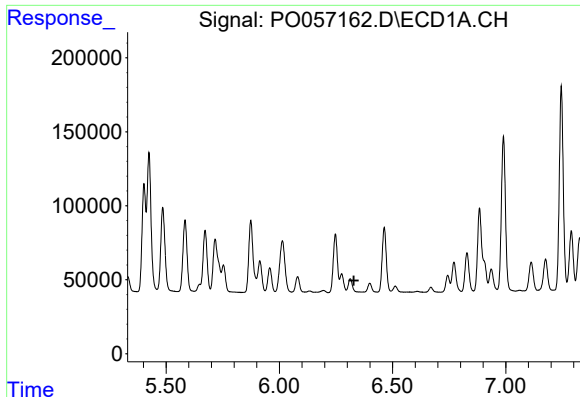
#24 AR-1248-4

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



#24 AR-1248-4

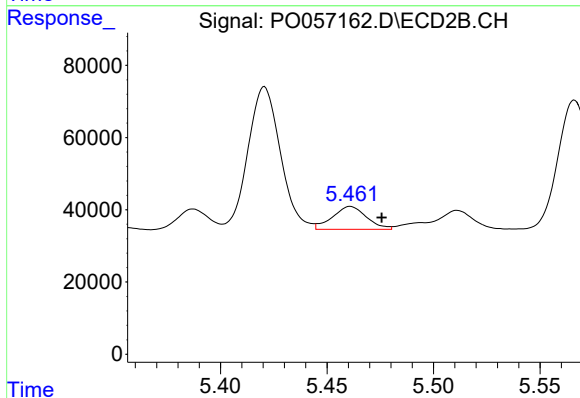
R.T.: 5.074 min
Delta R.T.: -0.014 min
Response: 206019
Conc: 130.09 ng/ml



#25 AR-1248-5

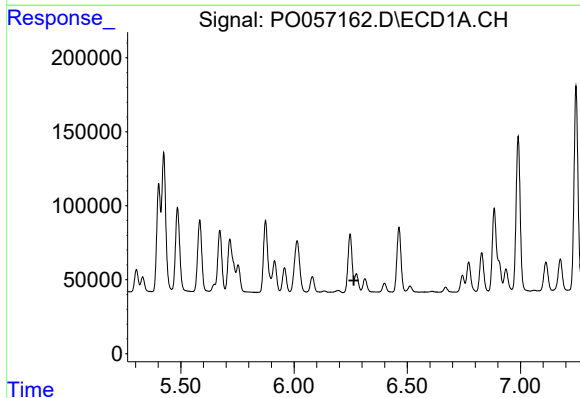
R.T.: 0.000 min
Exp R.T.: 6.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



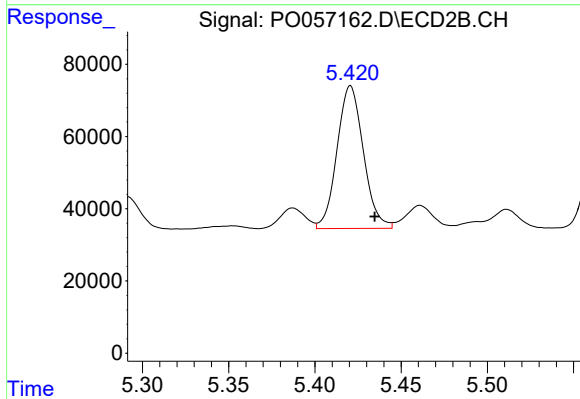
#25 AR-1248-5

R.T.: 5.461 min
Delta R.T.: -0.015 min
Response: 70659
Conc: 42.69 ng/ml



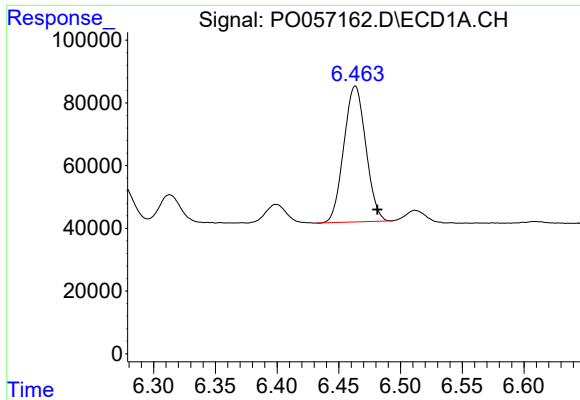
#26 AR-1254-1

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



#26 AR-1254-1

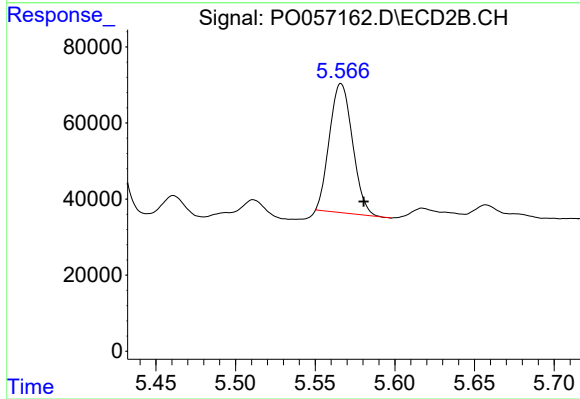
R.T.: 5.421 min
Delta R.T.: -0.014 min
Response: 419694
Conc: 158.69 ng/ml



#27 AR-1254-2

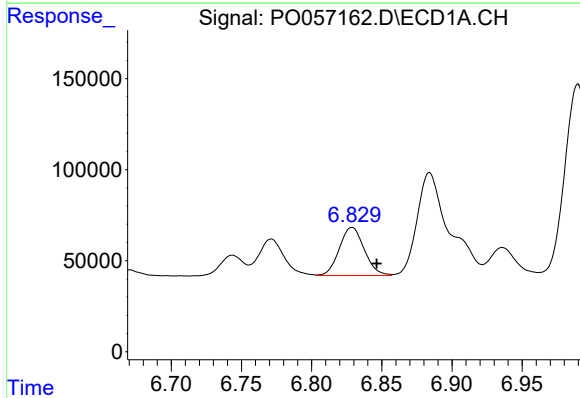
R.T.: 6.463 min
Delta R.T.: -0.018 min
Response: 537105
Conc: 138.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



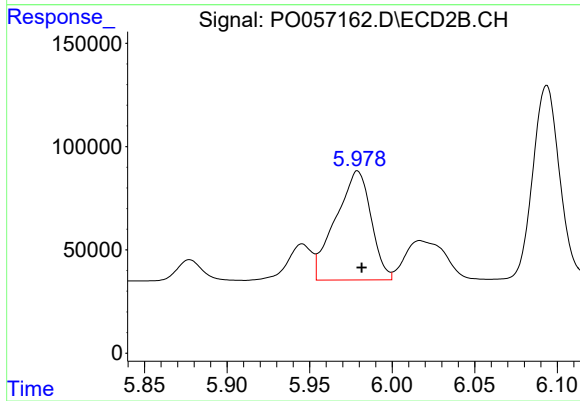
#27 AR-1254-2

R.T.: 5.566 min
Delta R.T.: -0.014 min
Response: 341365
Conc: 158.35 ng/ml



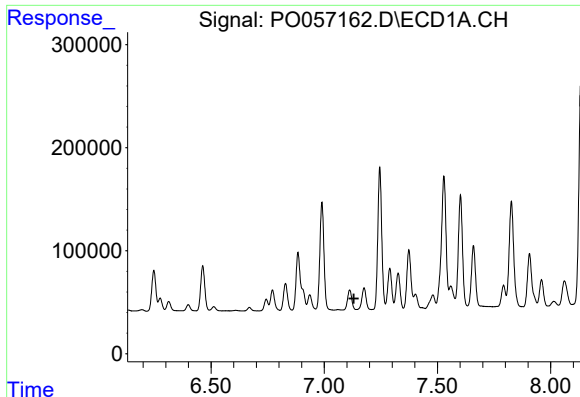
#28 AR-1254-3

R.T.: 6.829 min
Delta R.T.: -0.017 min
Response: 327513
Conc: 79.43 ng/ml



#28 AR-1254-3

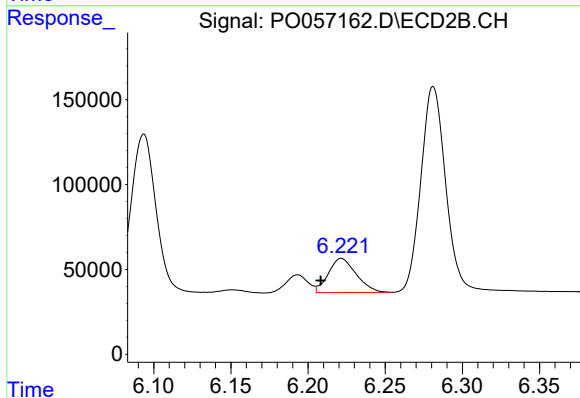
R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 787706
Conc: 215.16 ng/ml



#29 AR-1254-4

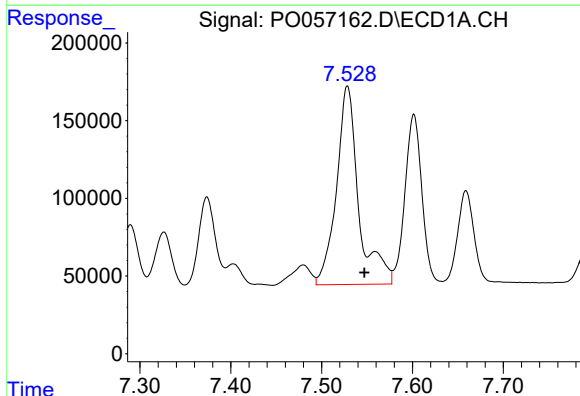
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



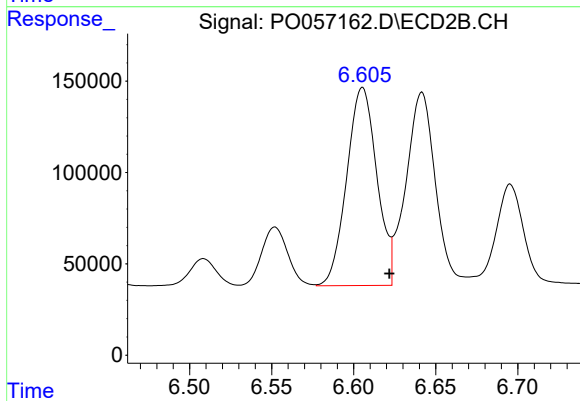
#29 AR-1254-4

R.T.: 6.222 min
Delta R.T.: 0.013 min
Response: 254345
Conc: 115.77 ng/ml



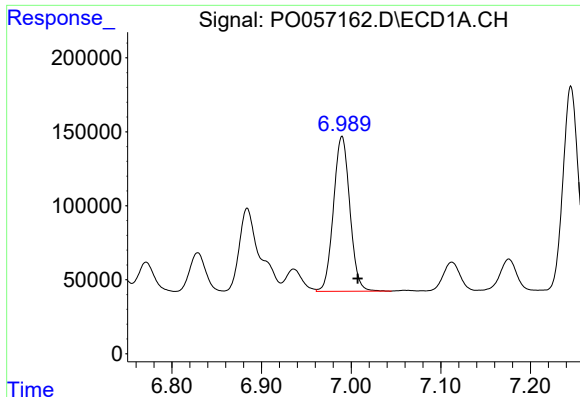
#30 AR-1254-5

R.T.: 7.528 min
Delta R.T.: -0.019 min
Response: 2167705
Conc: 575.65 ng/ml



#30 AR-1254-5

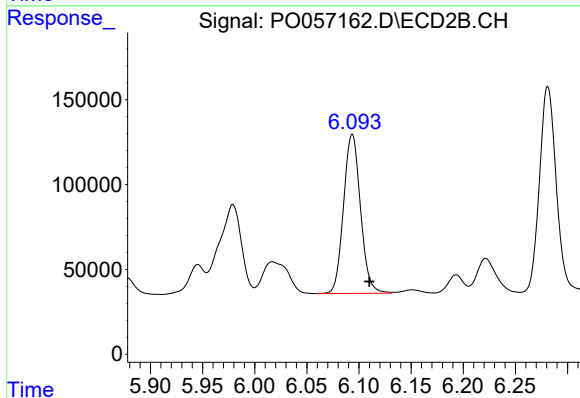
R.T.: 6.605 min
Delta R.T.: -0.016 min
Response: 1386774
Conc: 437.44 ng/ml



#31 AR-1260-1

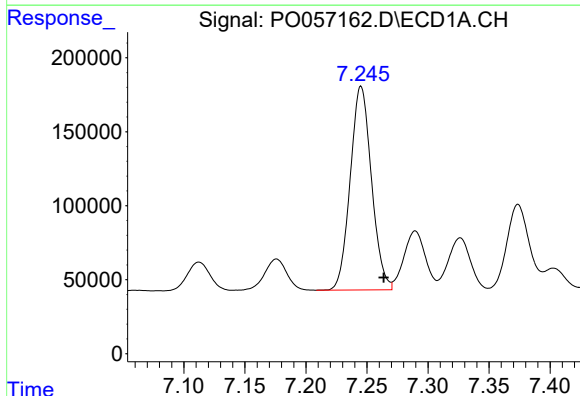
R.T.: 6.990 min
Delta R.T.: -0.018 min
Response: 1325082
Conc: 516.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



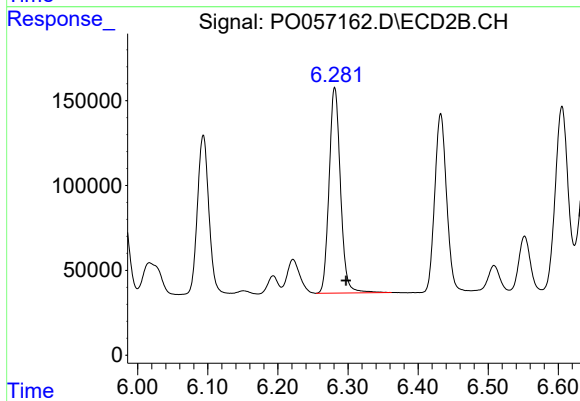
#31 AR-1260-1

R.T.: 6.094 min
Delta R.T.: -0.016 min
Response: 1062101
Conc: 530.95 ng/ml



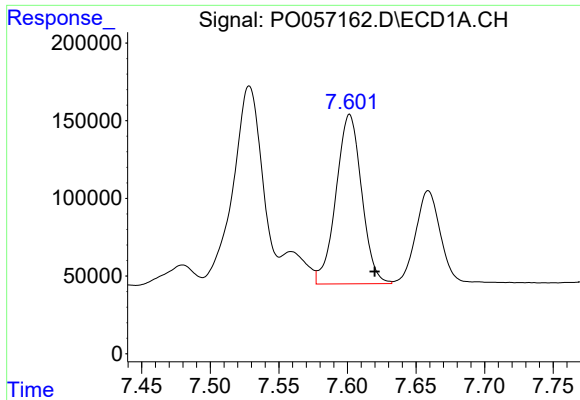
#32 AR-1260-2

R.T.: 7.245 min
Delta R.T.: -0.019 min
Response: 1667607
Conc: 551.43 ng/ml



#32 AR-1260-2

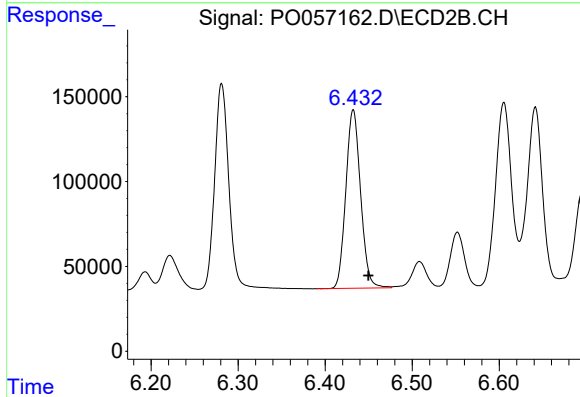
R.T.: 6.281 min
Delta R.T.: -0.016 min
Response: 1369453
Conc: 555.57 ng/ml



#33 AR-1260-3

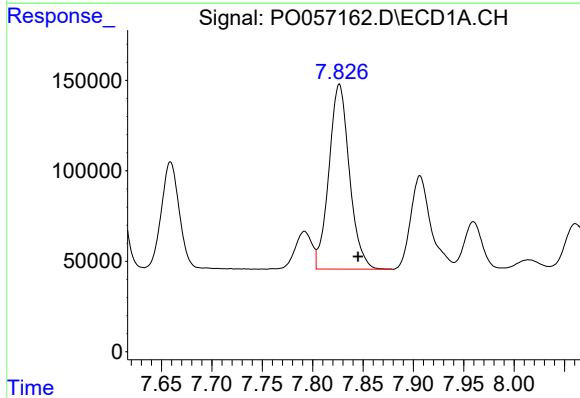
R.T.: 7.602 min
Delta R.T.: -0.018 min
Response: 1417444
Conc: 588.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



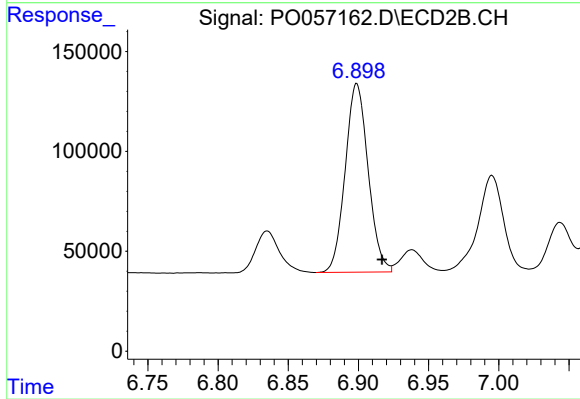
#33 AR-1260-3

R.T.: 6.432 min
Delta R.T.: -0.017 min
Response: 1239402
Conc: 552.51 ng/ml



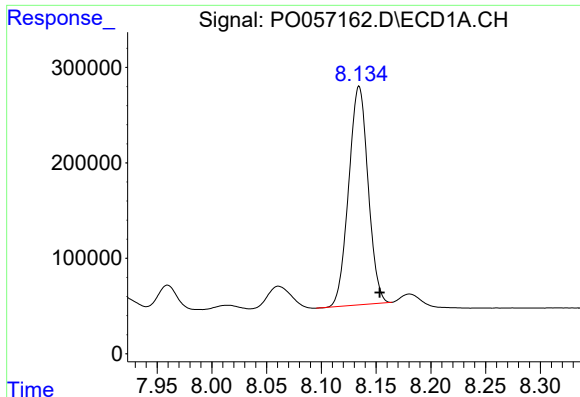
#34 AR-1260-4

R.T.: 7.826 min
Delta R.T.: -0.019 min
Response: 1449179
Conc: 553.29 ng/ml



#34 AR-1260-4

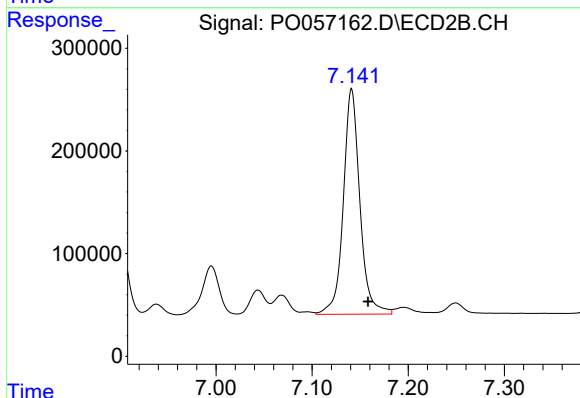
R.T.: 6.899 min
Delta R.T.: -0.018 min
Response: 1073542
Conc: 576.86 ng/ml



#35 AR-1260-5

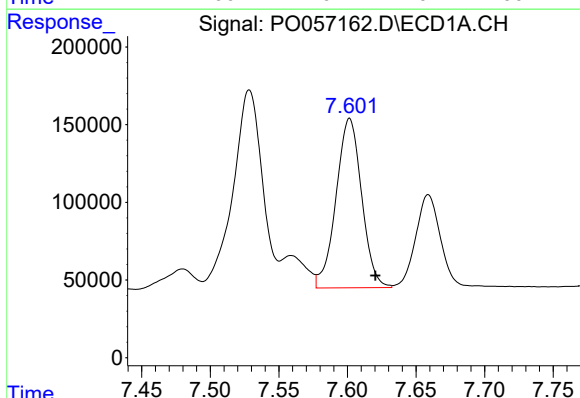
R.T.: 8.134 min
Delta R.T.: -0.019 min
Response: 2825591
Conc: 590.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



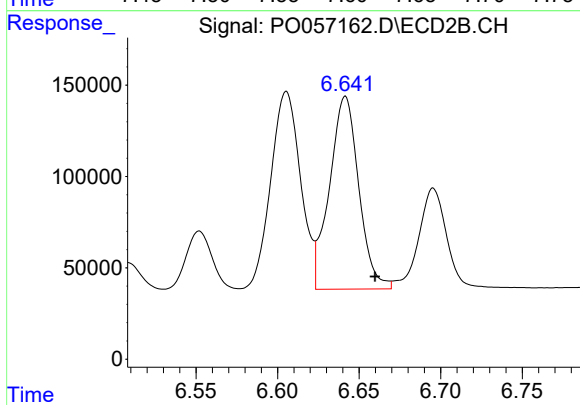
#35 AR-1260-5

R.T.: 7.141 min
Delta R.T.: -0.017 min
Response: 2632258
Conc: 610.40 ng/ml



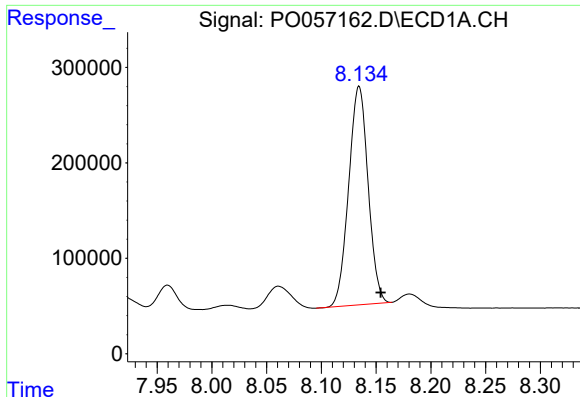
#36 AR-1262-1

R.T.: 7.602 min
Delta R.T.: -0.019 min
Response: 1417444
Conc: 303.07 ng/ml



#36 AR-1262-1

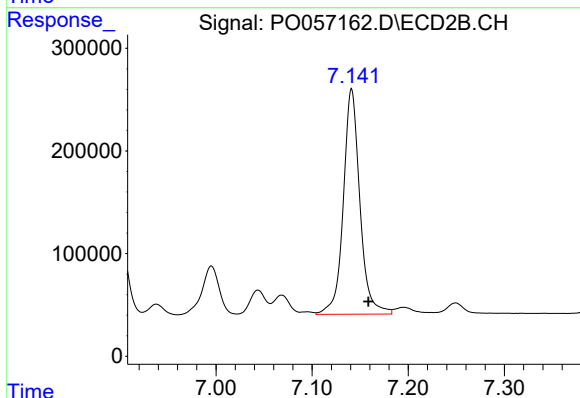
R.T.: 6.642 min
Delta R.T.: -0.018 min
Response: 1319743
Conc: 316.18 ng/ml



#37 AR-1262-2

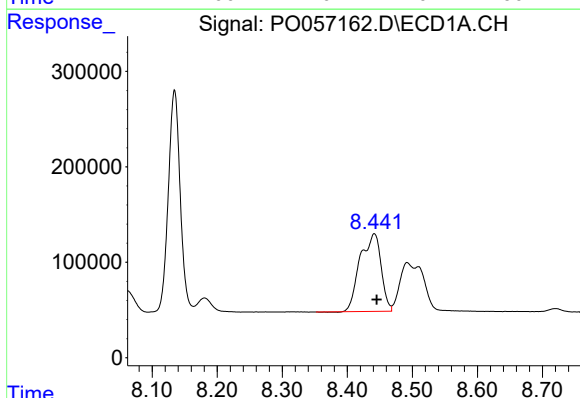
R.T.: 8.134 min
Delta R.T.: -0.020 min
Response: 2825591
Conc: 370.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



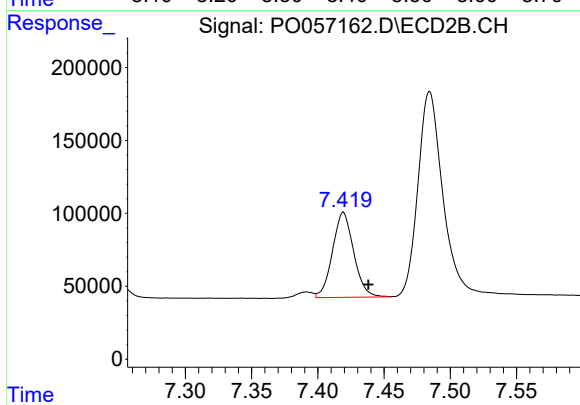
#37 AR-1262-2

R.T.: 7.141 min
Delta R.T.: -0.017 min
Response: 2632258
Conc: 383.12 ng/ml



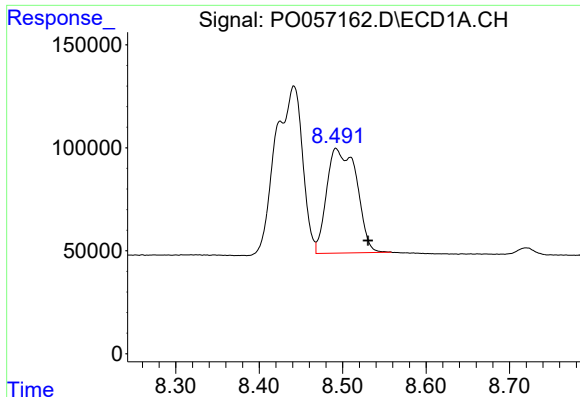
#38 AR-1262-3

R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 1826284
Conc: 348.96 ng/ml



#38 AR-1262-3

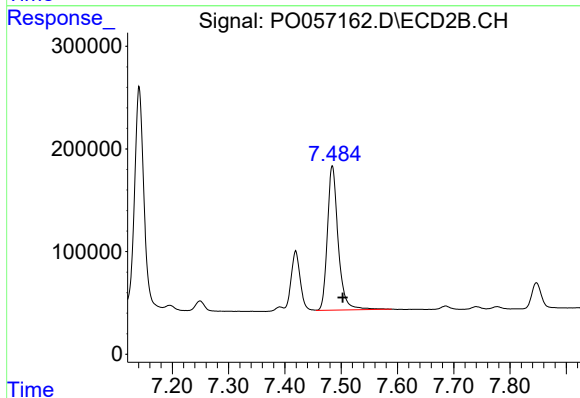
R.T.: 7.419 min
Delta R.T.: -0.019 min
Response: 650760
Conc: 220.34 ng/ml



#39 AR-1262-4

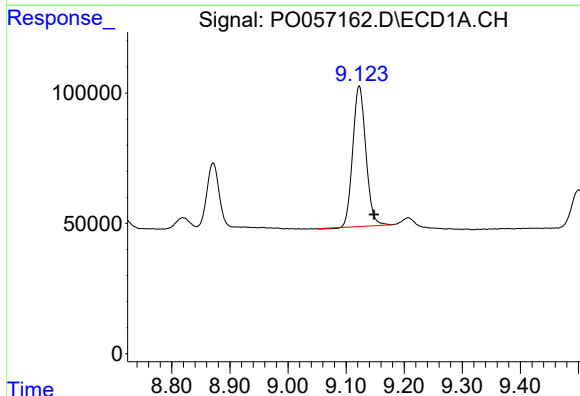
R.T.: 8.493 min
Delta R.T.: -0.038 min
Response: 1265564
Conc: 296.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



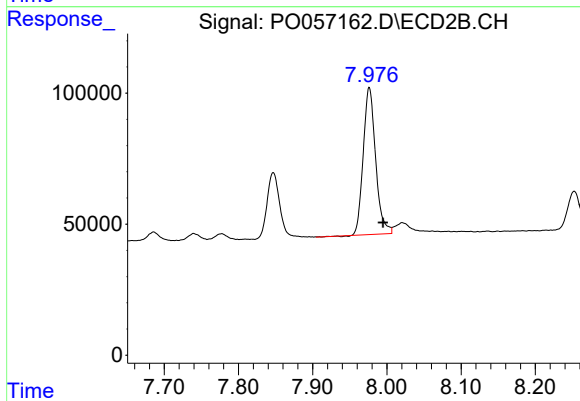
#39 AR-1262-4

R.T.: 7.484 min
Delta R.T.: -0.019 min
Response: 1869746
Conc: 358.83 ng/ml



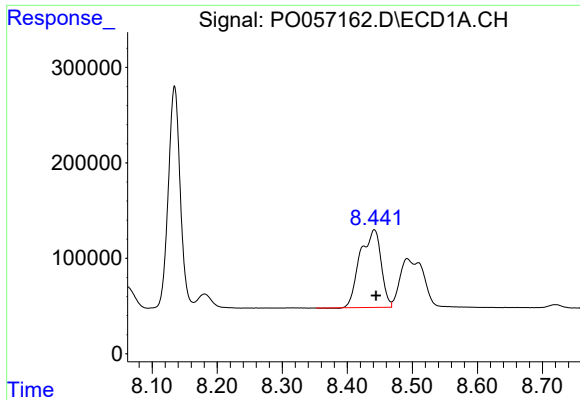
#40 AR-1262-5

R.T.: 9.123 min
Delta R.T.: -0.025 min
Response: 841474
Conc: 306.25 ng/ml



#40 AR-1262-5

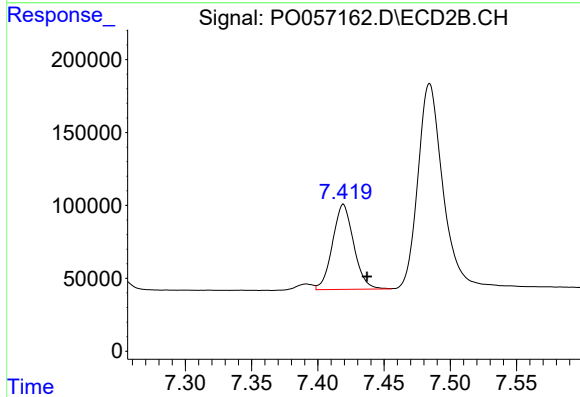
R.T.: 7.976 min
Delta R.T.: -0.018 min
Response: 651402
Conc: 280.52 ng/ml



#41 AR-1268-1

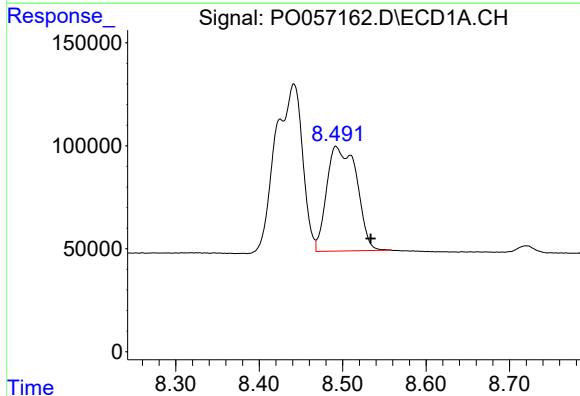
R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 1826284
Conc: 224.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



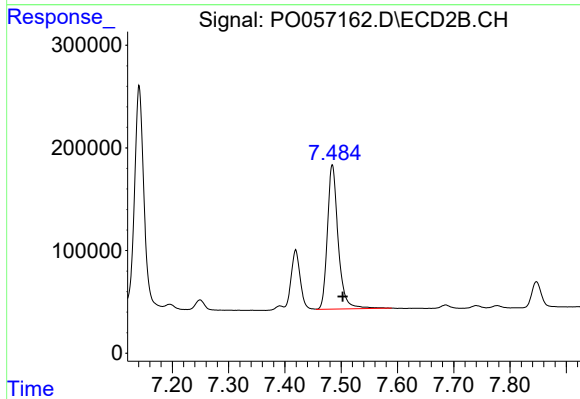
#41 AR-1268-1

R.T.: 7.419 min
Delta R.T.: -0.018 min
Response: 650760
Conc: 87.17 ng/ml



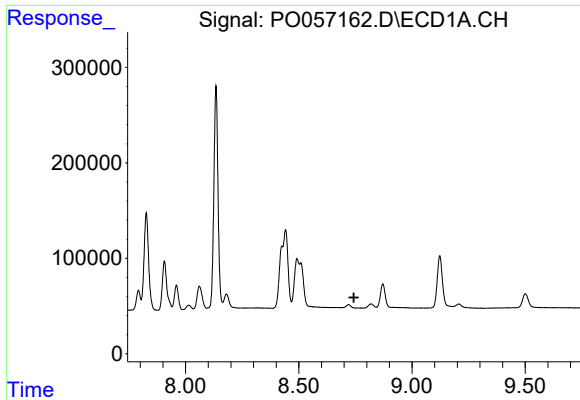
#42 AR-1268-2

R.T.: 8.493 min
Delta R.T.: -0.041 min
Response: 1265564
Conc: 156.44 ng/ml



#42 AR-1268-2

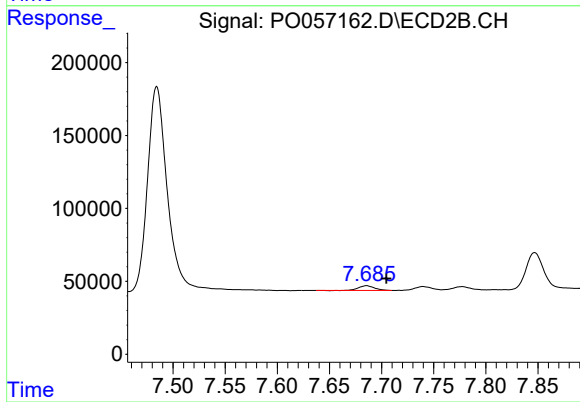
R.T.: 7.484 min
Delta R.T.: -0.019 min
Response: 1869746
Conc: 267.75 ng/ml



#43 AR-1268-3

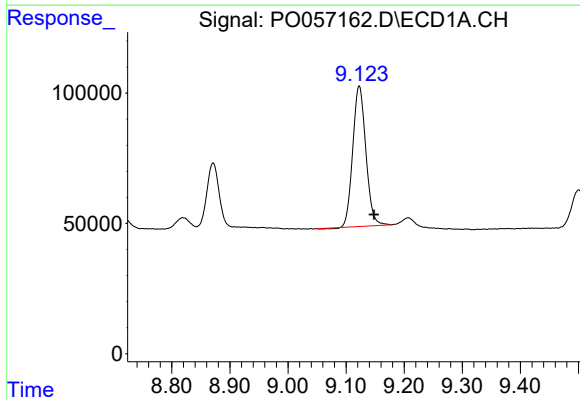
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



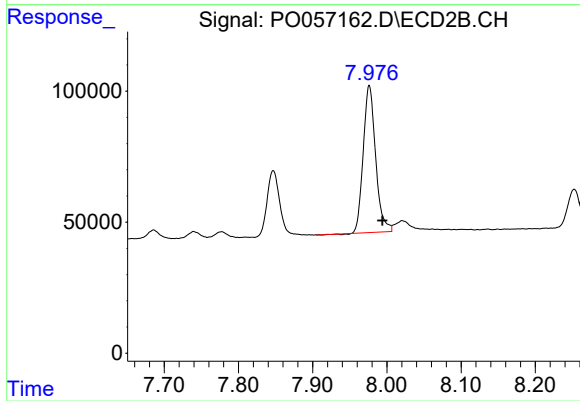
#43 AR-1268-3

R.T.: 7.686 min
Delta R.T.: -0.019 min
Response: 34541
Conc: 5.82 ng/ml



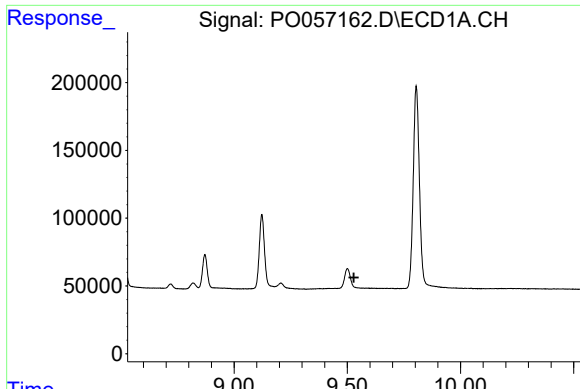
#44 AR-1268-4

R.T.: 9.123 min
Delta R.T.: -0.026 min
Response: 841474
Conc: 308.56 ng/ml



#44 AR-1268-4

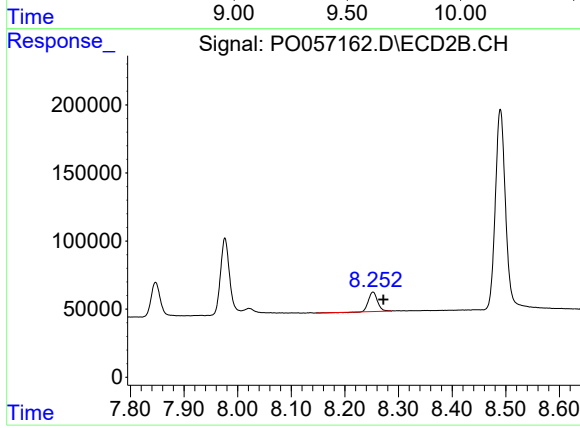
R.T.: 7.976 min
Delta R.T.: -0.018 min
Response: 651402
Conc: 279.06 ng/ml



#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.: 8.253 min
Delta R.T.: -0.019 min
Response: 164585
Conc: 9.51 ng/ml