

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060719\
 Data File : P0056973.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Jun 2019 15:34
 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 07 16:09:11 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...	4.253	3.564	2049888	1793312	53.545	54.378
2)	SA Decachlor...	9.824	8.499	2648545	1950461	53.960	54.701
Target Compounds							
3)	L1 AR-1016-1	5.414	4.652	905393	936582	503.382	744.213 #
4)	L1 AR-1016-2	5.435	4.652	1328238	936582	528.952	519.854
5)	L1 AR-1016-3	5.496	4.825	830571	512907	516.751	520.218
6)	L1 AR-1016-4	5.595	4.866	683911	429709	521.354	519.071
7)	L1 AR-1016-5	5.886	5.077	724209	389573	524.178	363.163 #
8)	L2 AR-1221-1	0.000	3.772	0	54666	N.D.	107.790 #
9)	L2 AR-1221-2	0.000	3.859	0	83563	N.D.	221.730 #
10)	L2 AR-1221-3	4.625	3.934	403100	318976	272.720	266.468
11)	L3 AR-1232-1	4.625	3.934	403100	318976	342.078	355.063
12)	L3 AR-1232-2	5.148	4.652	606225	936582	914.312	963.681
13)	L3 AR-1232-3	5.435	4.825	1328238	512907	936.269	980.153
14)	L3 AR-1232-4	5.595	4.907	683911	514093	971.565	1043.445
15)	L3 AR-1232-5	5.683	5.077	590215	389573	1043.910	691.645 #
16)	L4 AR-1242-1	5.414	4.652	905393	936582	524.807	756.173 #
17)	L4 AR-1242-2	5.435	4.652	1328238	936582	523.181	520.780
18)	L4 AR-1242-3	5.496	4.825	830571	512907	510.801	521.721
19)	L4 AR-1242-4	5.595	4.907	683911	514093	511.632	528.305
20)	L4 AR-1242-5	0.000	5.425	0	419193	N.D.	354.566 #
21)	L5 AR-1248-1	5.414	4.652	905393	936582	702.664	1000.068 #
22)	L5 AR-1248-2	5.683	4.866	590215	429709	316.827	338.234
23)	L5 AR-1248-3	5.886	4.907	724209	514093	353.039	393.669
24)	L5 AR-1248-4	6.258	5.077	388568	389573	167.943	246.000 #
25)	L5 AR-1248-5	0.000	5.466	0	65695	N.D.	39.693 #
26)	L6 AR-1254-1	6.258	5.425	388568	419193	141.157	158.501
27)	L6 AR-1254-2	6.475	5.571	583767	376862	150.297	174.813
28)	L6 AR-1254-3	6.841	5.984	352574	786211	85.506	214.749 #
29)	L6 AR-1254-4	0.000	6.198	0	102021	N.D.	46.438 #
30)	L6 AR-1254-5	7.540	6.610	2218508	1359693	589.145	428.893 #
31)	L7 AR-1260-1	7.001	6.098	1412544	1061488	550.447	530.643
32)	L7 AR-1260-2	7.257	6.286	1731183	1353525	572.450	549.106
33)	L7 AR-1260-3	7.613	6.438	1413766	1231571	586.856	549.017
34)	L7 AR-1260-4	7.838	6.904	1505904	1051724	574.946	565.133
35)	L7 AR-1260-5	8.146	7.147	2711534	2523650	567.019	585.217
36)	L8 AR-1262-1	7.613	6.647	1413766	1300001	302.284	311.448
37)	L8 AR-1262-2	8.146	7.147	2711534	2523650	355.667	367.310
38)	L8 AR-1262-3	8.455	7.426	1800205	627865	343.974	212.588 #
39)	L8 AR-1262-4	8.506	7.490	1239696	1839089	290.389	352.951
40)	L8 AR-1262-5	9.139	7.983	786615	622071	286.286	267.886
41)	L9 AR-1268-1	8.455	7.426	1800205	627865	221.224	84.107 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060719\
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 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Jun 2019 15:34
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

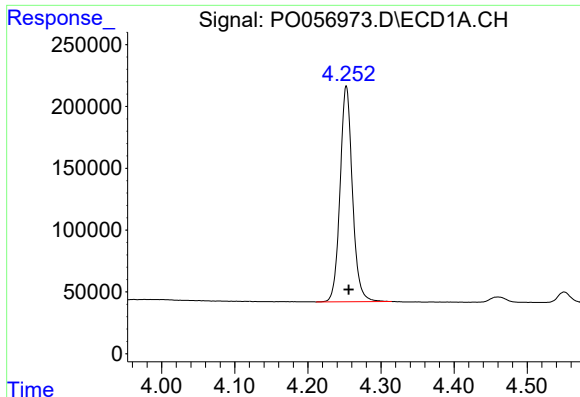
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 16:09:11 2019
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 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	8.506	7.490	1239696	1839089	153.241	263.364 #
43) L9	AR-1268-3	0.000	7.692	0	36692	N.D.	6.182 #
44) L9	AR-1268-4	9.139	7.983	786615	622071	288.446	266.497
45) L9	AR-1268-5	0.000	8.259	0	157013	N.D.	9.072 #

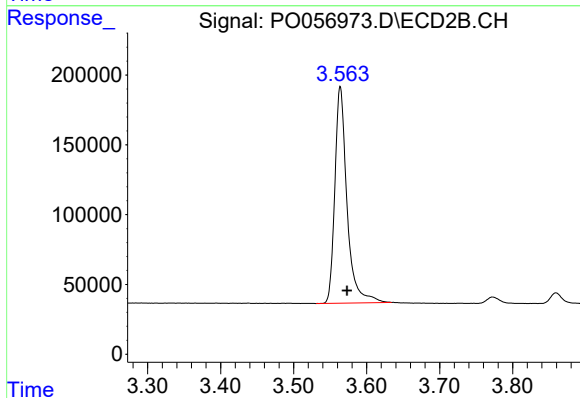
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

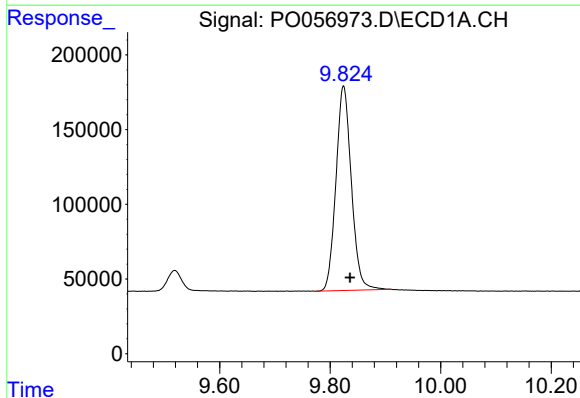
R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 2049888
Conc: 53.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



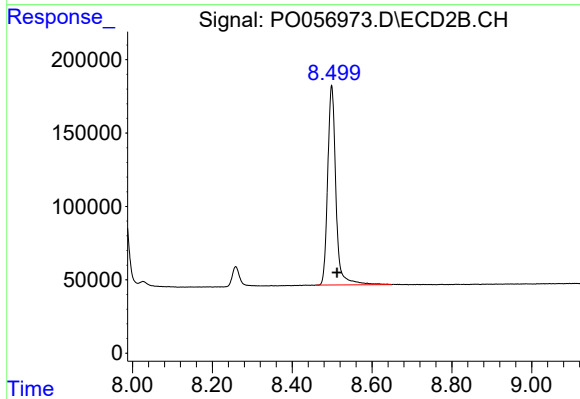
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: -0.009 min
Response: 1793312
Conc: 54.38 ng/ml



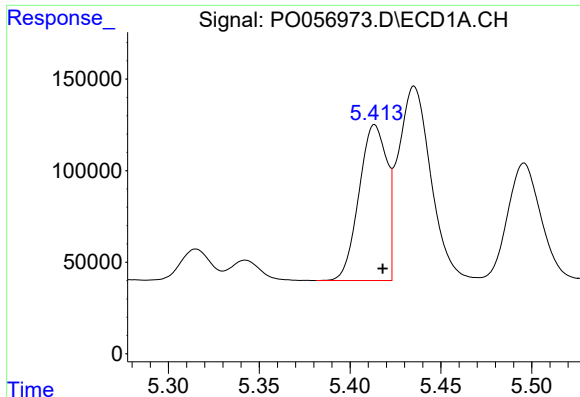
#2 Decachlorobiphenyl

R.T.: 9.824 min
Delta R.T.: -0.012 min
Response: 2648545
Conc: 53.96 ng/ml



#2 Decachlorobiphenyl

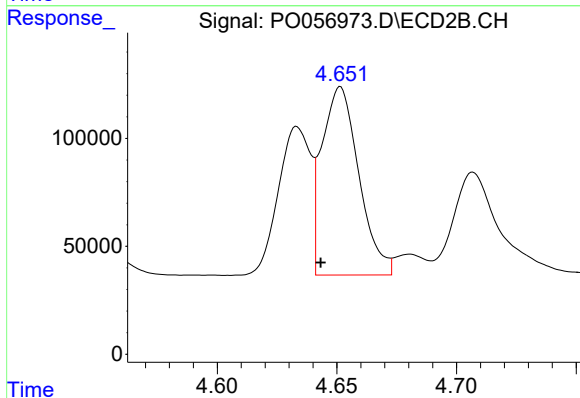
R.T.: 8.499 min
Delta R.T.: -0.014 min
Response: 1950461
Conc: 54.70 ng/ml



#3 AR-1016-1

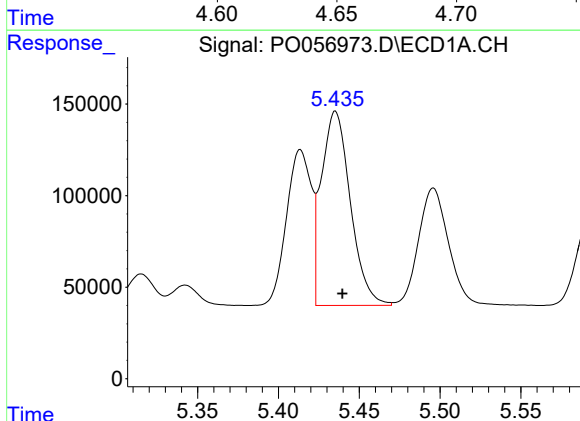
R.T.: 5.414 min
Delta R.T.: -0.004 min
Response: 905393
Conc: 503.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



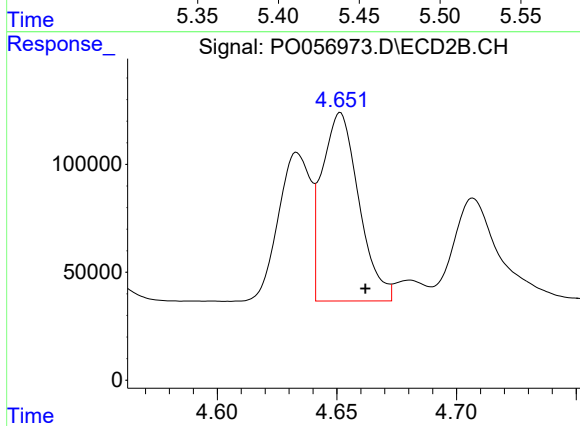
#3 AR-1016-1

R.T.: 4.652 min
Delta R.T.: 0.008 min
Response: 936582
Conc: 744.21 ng/ml



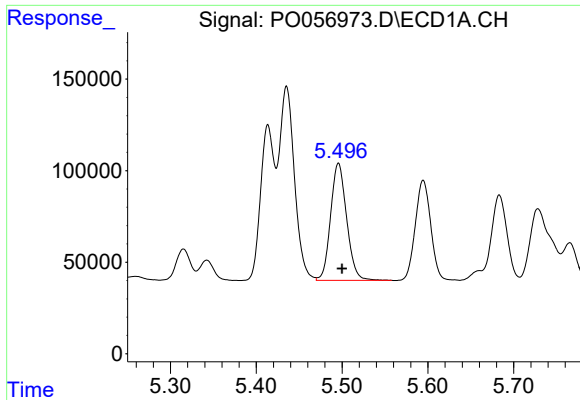
#4 AR-1016-2

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 1328238
Conc: 528.95 ng/ml



#4 AR-1016-2

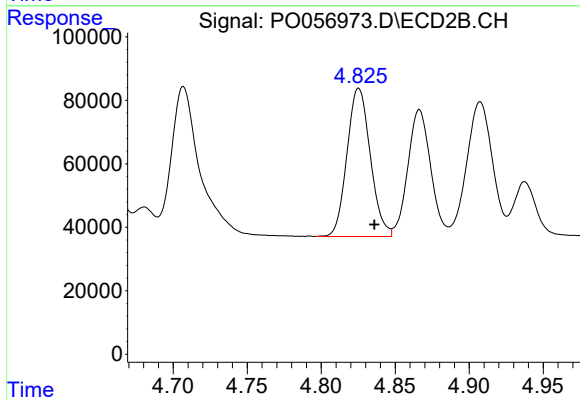
R.T.: 4.652 min
Delta R.T.: -0.010 min
Response: 936582
Conc: 519.85 ng/ml



#5 AR-1016-3

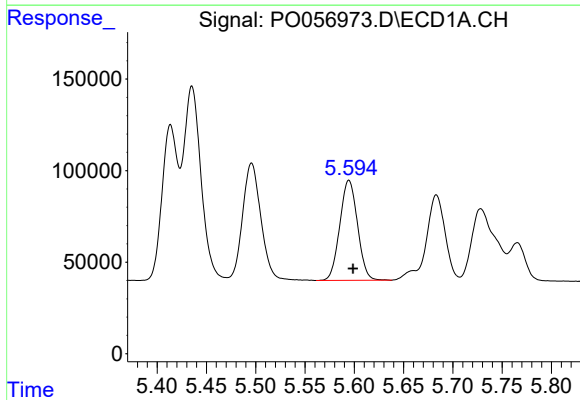
R.T.: 5.496 min
Delta R.T.: -0.004 min
Response: 830571
Conc: 516.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



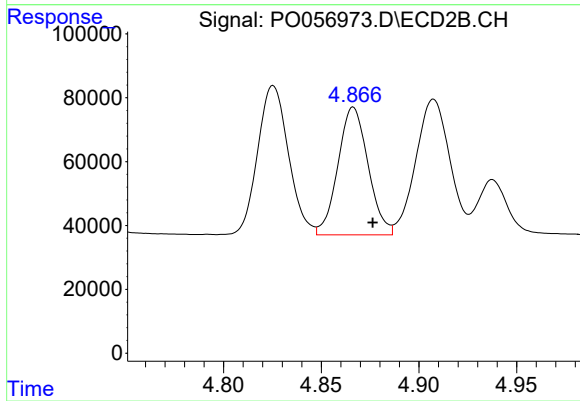
#5 AR-1016-3

R.T.: 4.825 min
Delta R.T.: -0.011 min
Response: 512907
Conc: 520.22 ng/ml



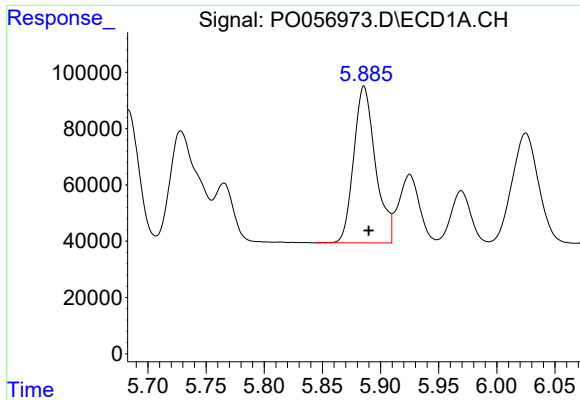
#6 AR-1016-4

R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 683911
Conc: 521.35 ng/ml



#6 AR-1016-4

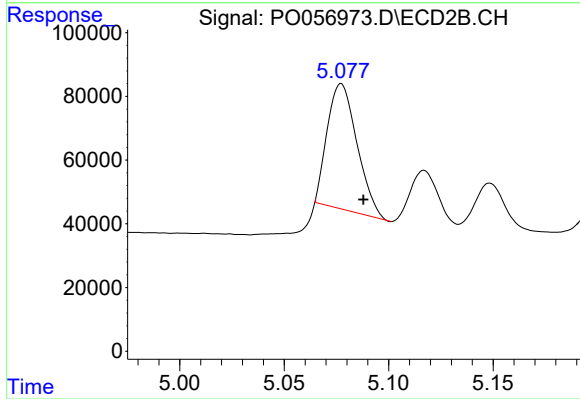
R.T.: 4.866 min
Delta R.T.: -0.010 min
Response: 429709
Conc: 519.07 ng/ml



#7 AR-1016-5

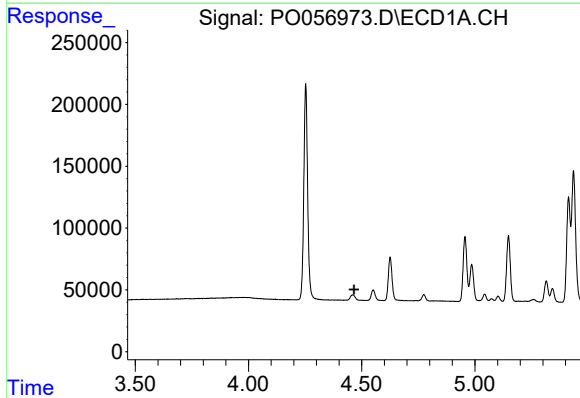
R.T.: 5.886 min
Delta R.T.: -0.004 min
Response: 724209
Conc: 524.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



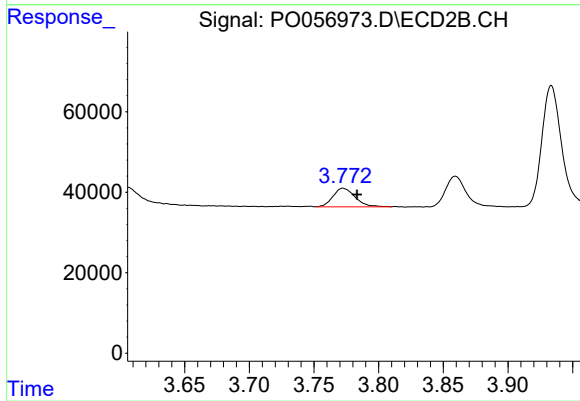
#7 AR-1016-5

R.T.: 5.077 min
Delta R.T.: -0.011 min
Response: 389573
Conc: 363.16 ng/ml



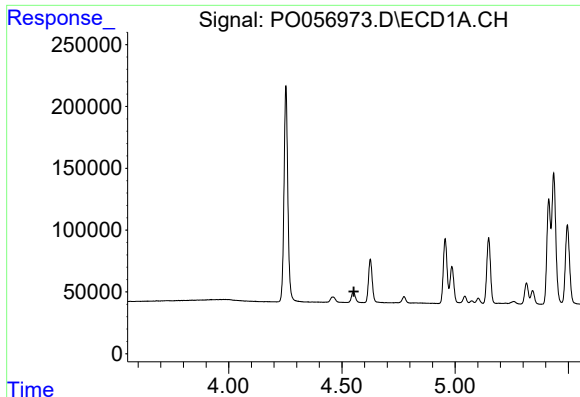
#8 AR-1221-1

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



#8 AR-1221-1

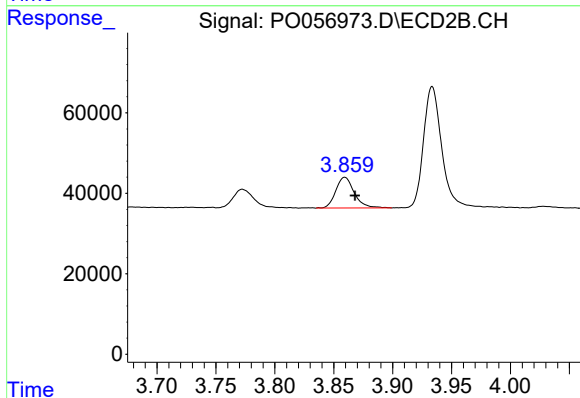
R.T.: 3.772 min
Delta R.T.: -0.011 min
Response: 54666
Conc: 107.79 ng/ml



#9 AR-1221-2

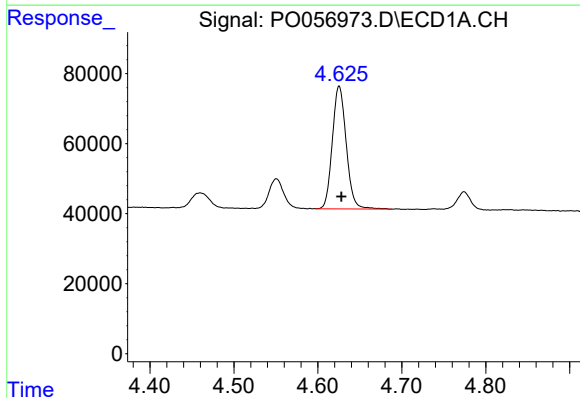
R.T.: 0.000 min
Exp R.T.: 4.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



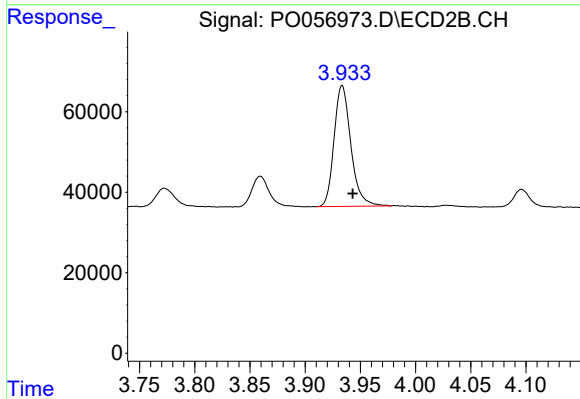
#9 AR-1221-2

R.T.: 3.859 min
Delta R.T.: -0.009 min
Response: 83563
Conc: 221.73 ng/ml



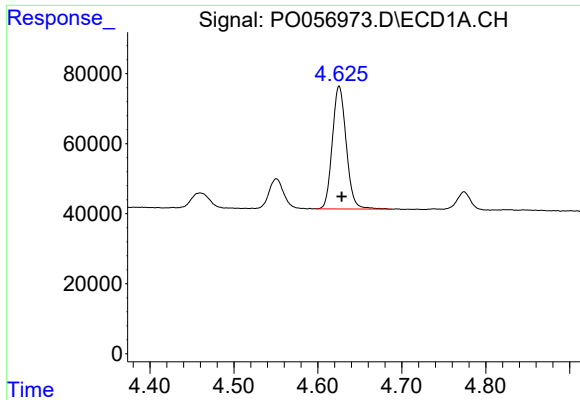
#10 AR-1221-3

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 403100
Conc: 272.72 ng/ml



#10 AR-1221-3

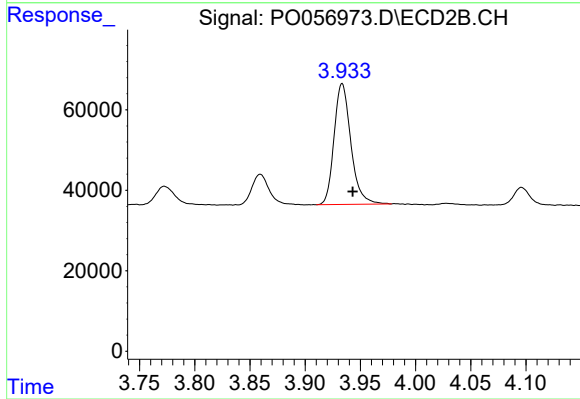
R.T.: 3.934 min
Delta R.T.: -0.010 min
Response: 318976
Conc: 266.47 ng/ml



#11 AR-1232-1

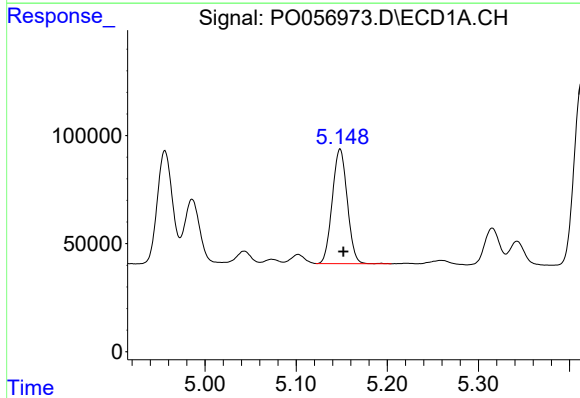
R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 403100
Conc: 342.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



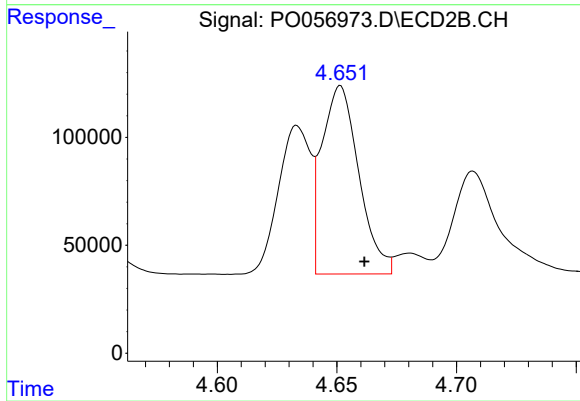
#11 AR-1232-1

R.T.: 3.934 min
Delta R.T.: -0.010 min
Response: 318976
Conc: 355.06 ng/ml



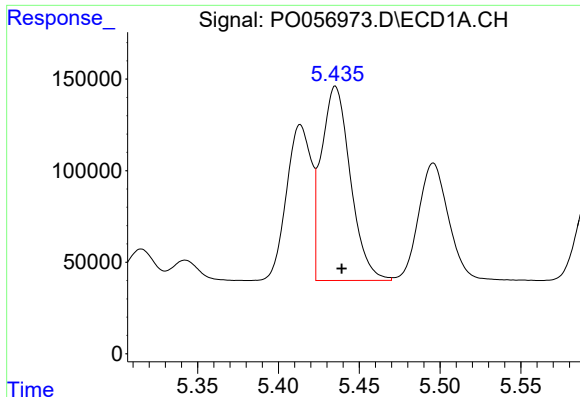
#12 AR-1232-2

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 606225
Conc: 914.31 ng/ml



#12 AR-1232-2

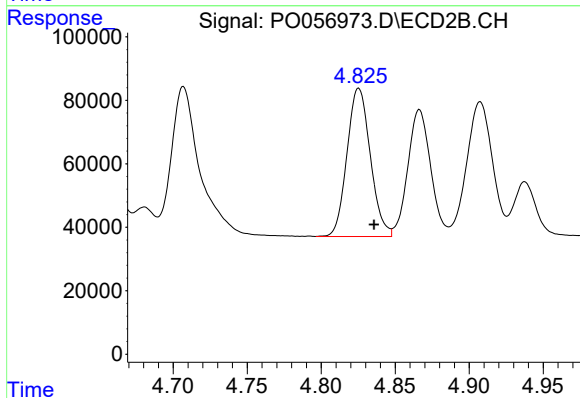
R.T.: 4.652 min
Delta R.T.: -0.010 min
Response: 936582
Conc: 963.68 ng/ml



#13 AR-1232-3

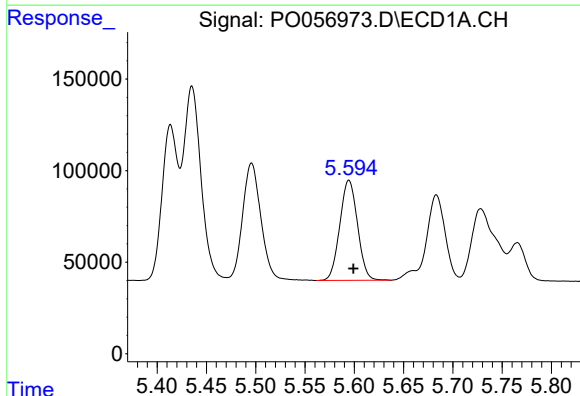
R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 1328238
Conc: 936.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



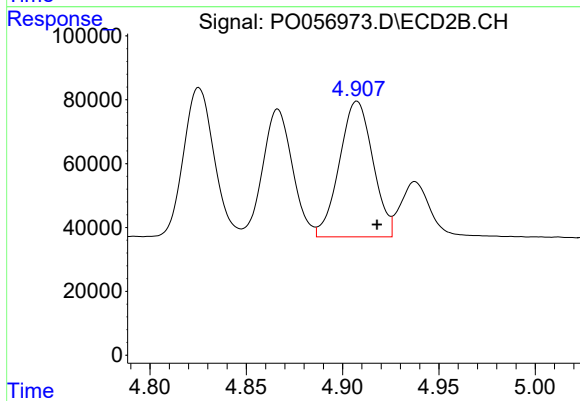
#13 AR-1232-3

R.T.: 4.825 min
Delta R.T.: -0.010 min
Response: 512907
Conc: 980.15 ng/ml



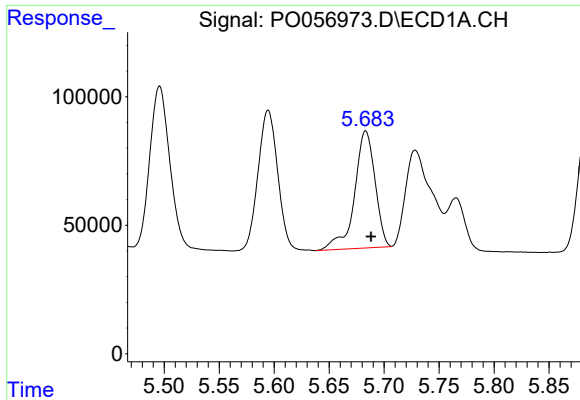
#14 AR-1232-4

R.T.: 5.595 min
Delta R.T.: -0.005 min
Response: 683911
Conc: 971.56 ng/ml



#14 AR-1232-4

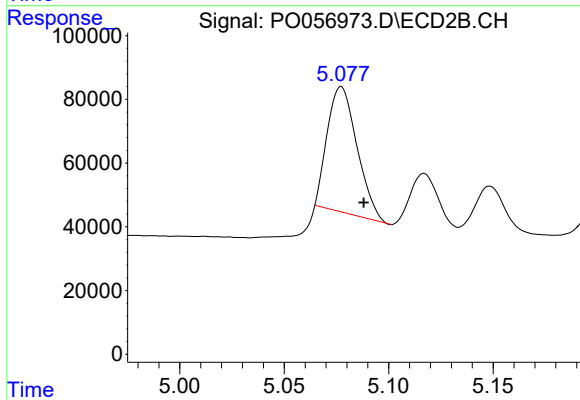
R.T.: 4.907 min
Delta R.T.: -0.010 min
Response: 514093
Conc: 1043.45 ng/ml



#15 AR-1232-5

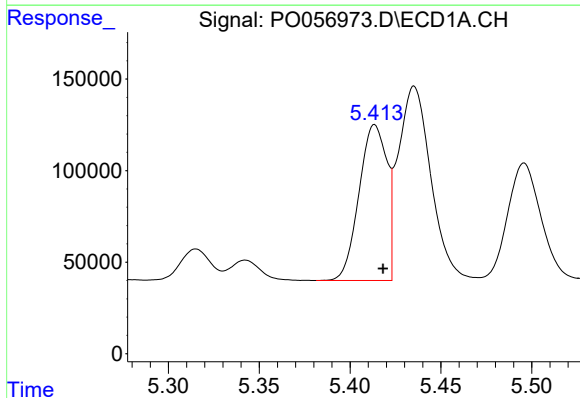
R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 590215
Conc: 1043.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



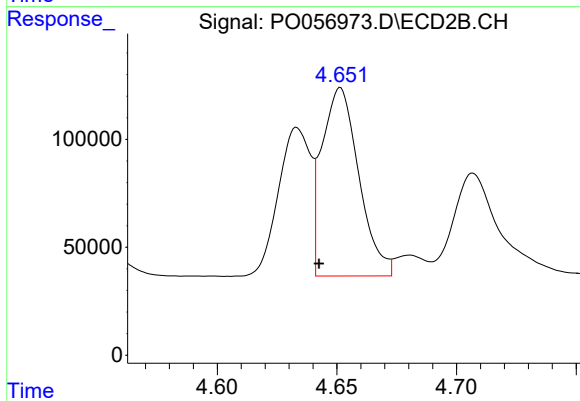
#15 AR-1232-5

R.T.: 5.077 min
Delta R.T.: -0.011 min
Response: 389573
Conc: 691.64 ng/ml



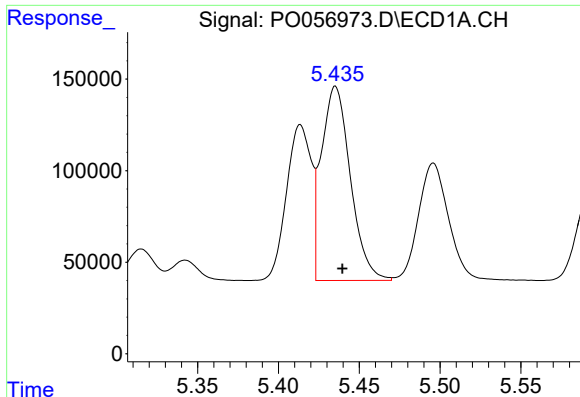
#16 AR-1242-1

R.T.: 5.414 min
Delta R.T.: -0.004 min
Response: 905393
Conc: 524.81 ng/ml



#16 AR-1242-1

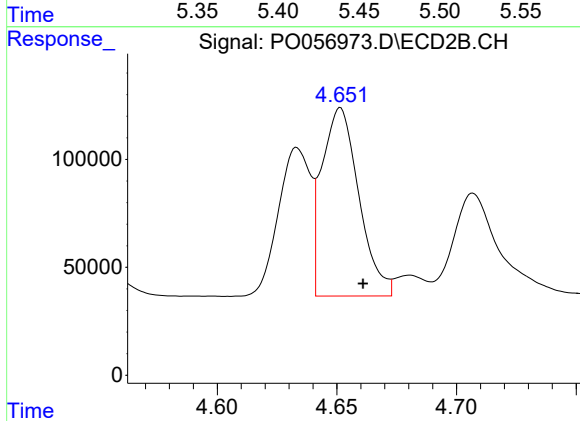
R.T.: 4.652 min
Delta R.T.: 0.009 min
Response: 936582
Conc: 756.17 ng/ml



#17 AR-1242-2

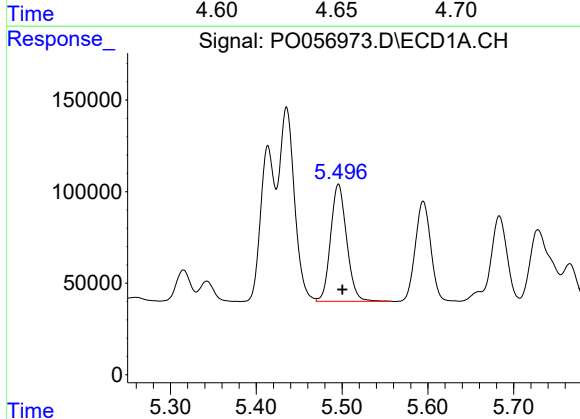
R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 1328238
Conc: 523.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



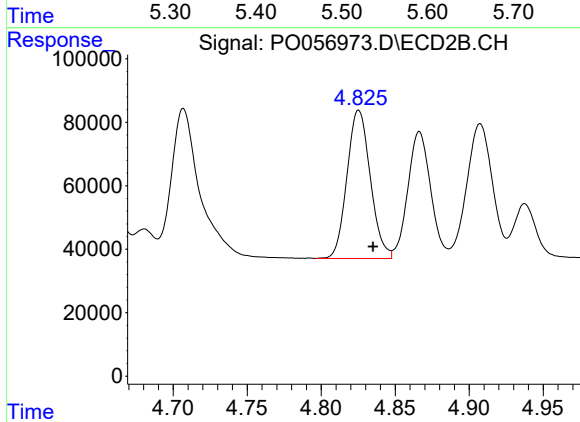
#17 AR-1242-2

R.T.: 4.652 min
Delta R.T.: -0.009 min
Response: 936582
Conc: 520.78 ng/ml



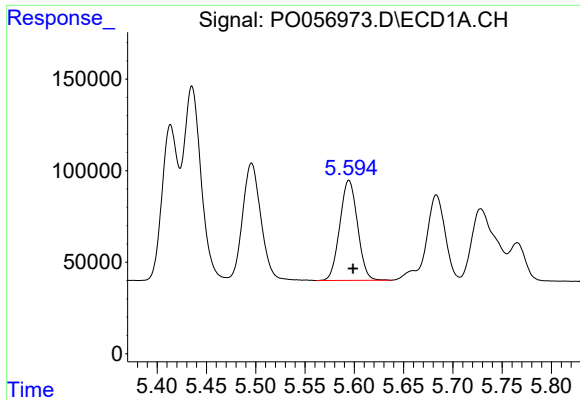
#18 AR-1242-3

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 830571
Conc: 510.80 ng/ml



#18 AR-1242-3

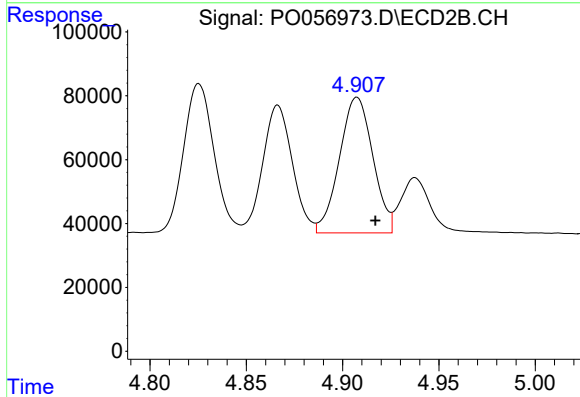
R.T.: 4.825 min
Delta R.T.: -0.010 min
Response: 512907
Conc: 521.72 ng/ml



#19 AR-1242-4

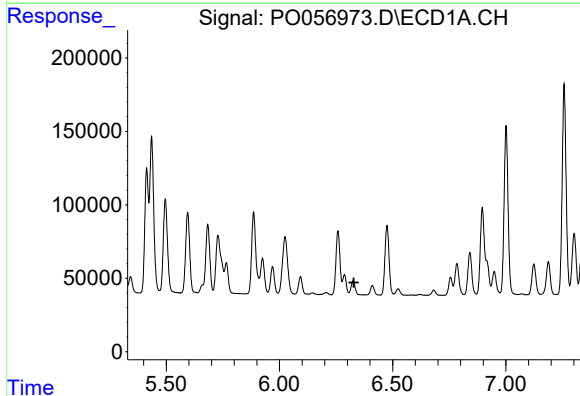
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 683911
Conc: 511.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



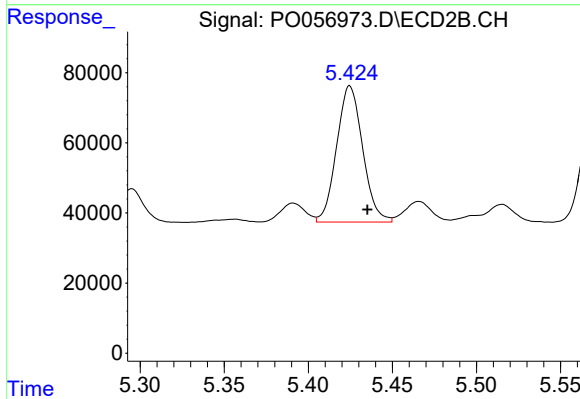
#19 AR-1242-4

R.T.: 4.907 min
Delta R.T.: -0.010 min
Response: 514093
Conc: 528.30 ng/ml



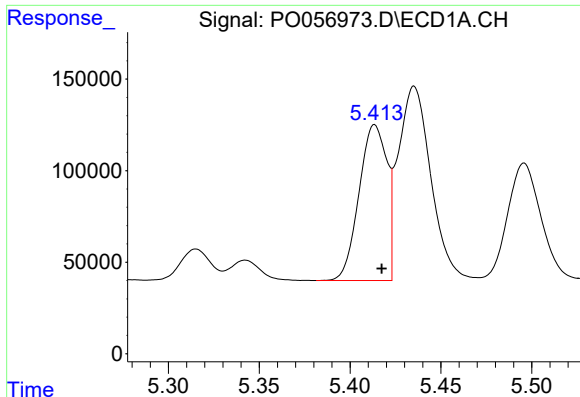
#20 AR-1242-5

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



#20 AR-1242-5

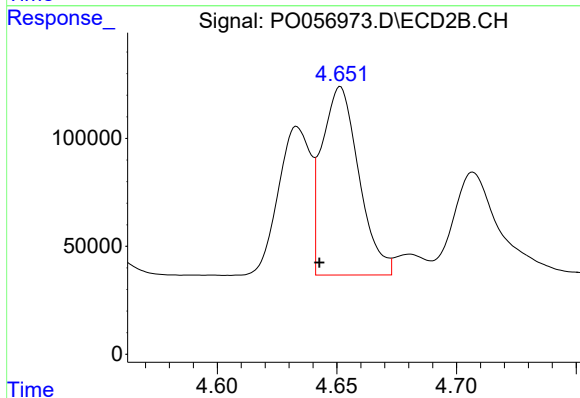
R.T.: 5.425 min
Delta R.T.: -0.010 min
Response: 419193
Conc: 354.57 ng/ml



#21 AR-1248-1

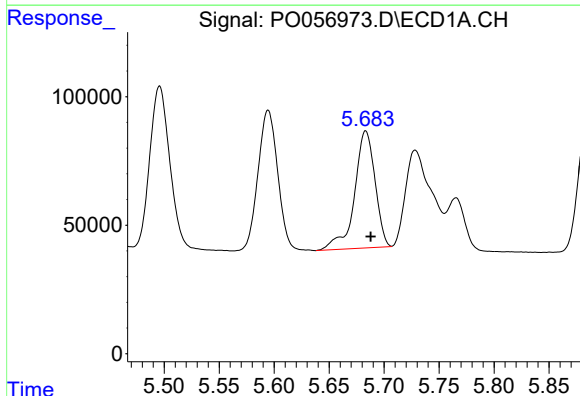
R.T.: 5.414 min
Delta R.T.: -0.004 min
Response: 905393
Conc: 702.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



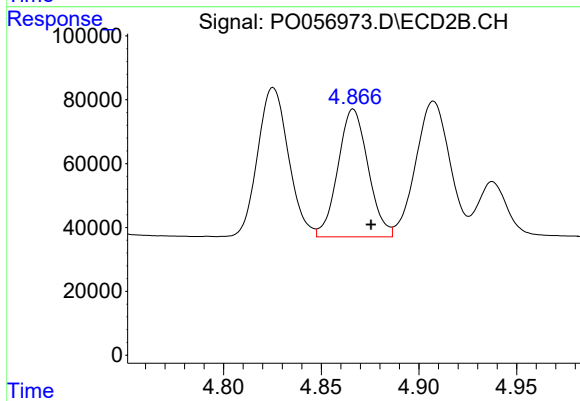
#21 AR-1248-1

R.T.: 4.652 min
Delta R.T.: 0.009 min
Response: 936582
Conc: 1000.07 ng/ml



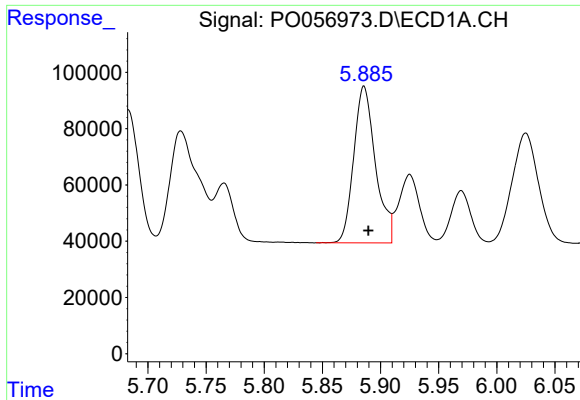
#22 AR-1248-2

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 590215
Conc: 316.83 ng/ml



#22 AR-1248-2

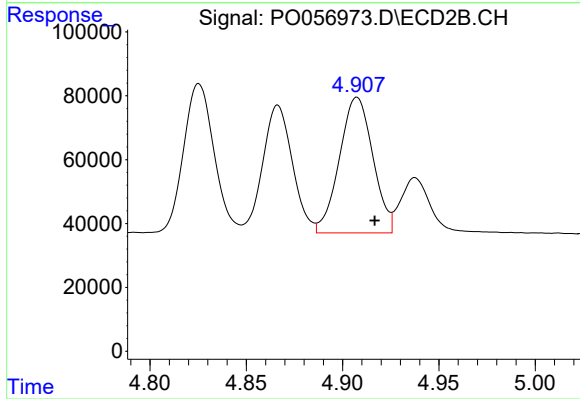
R.T.: 4.866 min
Delta R.T.: -0.009 min
Response: 429709
Conc: 338.23 ng/ml



#23 AR-1248-3

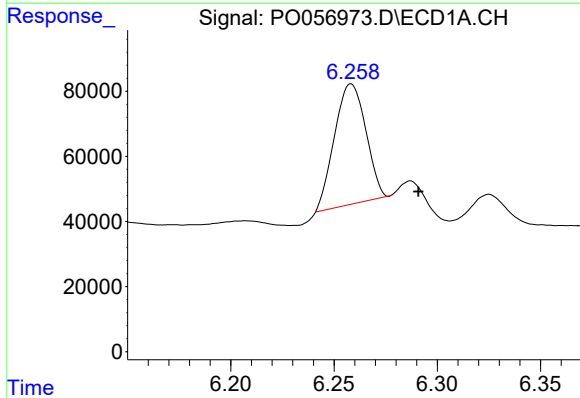
R.T.: 5.886 min
Delta R.T.: -0.004 min
Response: 724209
Conc: 353.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



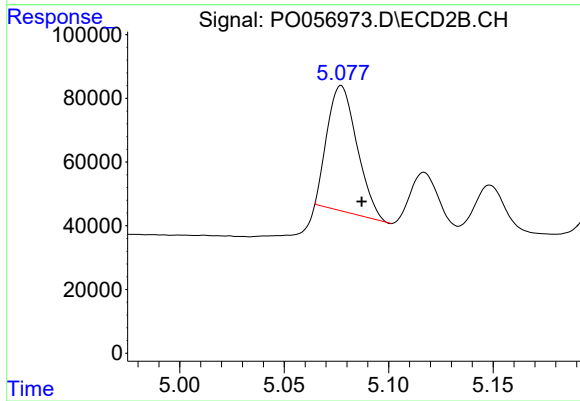
#23 AR-1248-3

R.T.: 4.907 min
Delta R.T.: -0.009 min
Response: 514093
Conc: 393.67 ng/ml



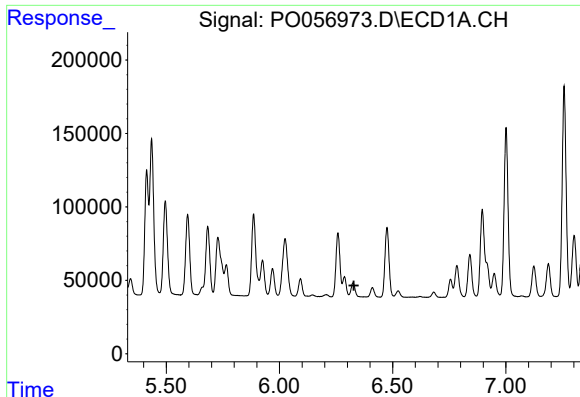
#24 AR-1248-4

R.T.: 6.258 min
Delta R.T.: -0.033 min
Response: 388568
Conc: 167.94 ng/ml



#24 AR-1248-4

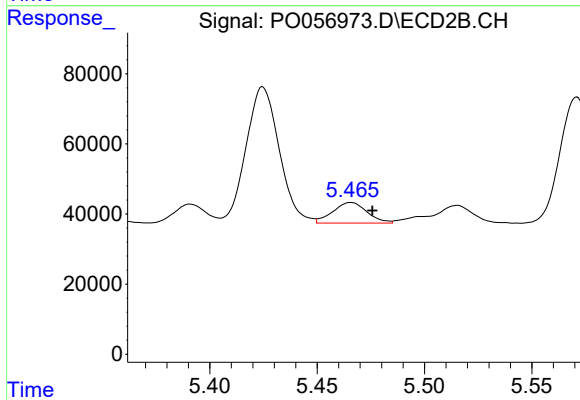
R.T.: 5.077 min
Delta R.T.: -0.010 min
Response: 389573
Conc: 246.00 ng/ml



#25 AR-1248-5

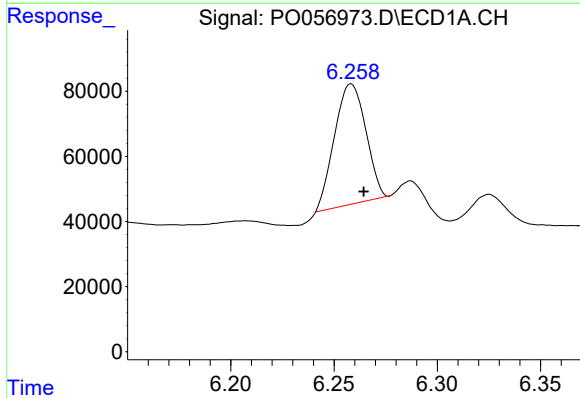
R.T.: 0.000 min
Exp R.T.: 6.329 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



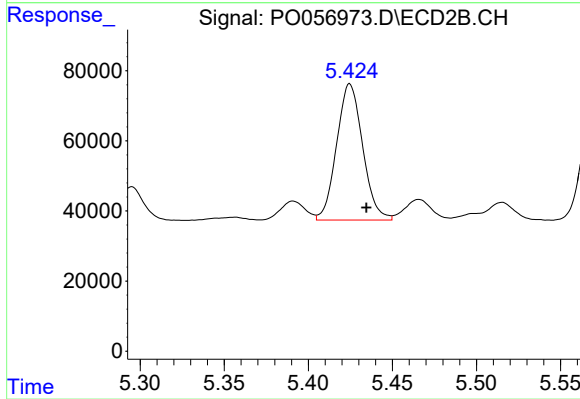
#25 AR-1248-5

R.T.: 5.466 min
Delta R.T.: -0.010 min
Response: 65695
Conc: 39.69 ng/ml



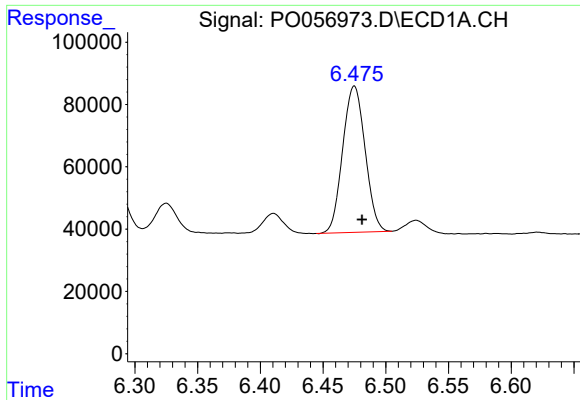
#26 AR-1254-1

R.T.: 6.258 min
Delta R.T.: -0.006 min
Response: 388568
Conc: 141.16 ng/ml



#26 AR-1254-1

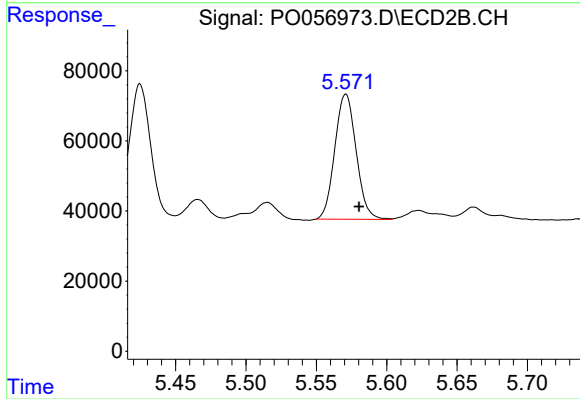
R.T.: 5.425 min
Delta R.T.: -0.010 min
Response: 419193
Conc: 158.50 ng/ml



#27 AR-1254-2

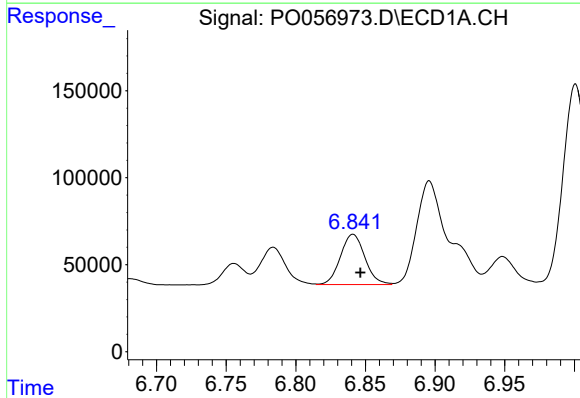
R.T.: 6.475 min
Delta R.T.: -0.006 min
Response: 583767
Conc: 150.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



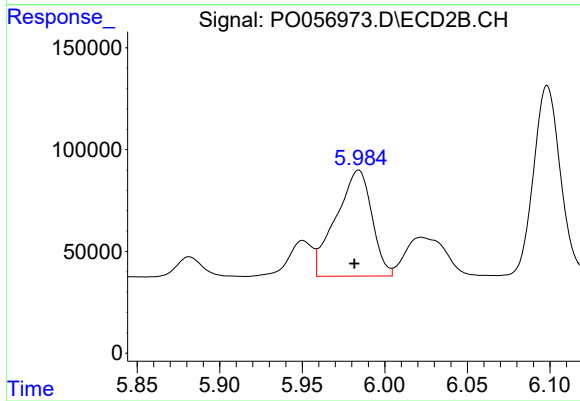
#27 AR-1254-2

R.T.: 5.571 min
Delta R.T.: -0.010 min
Response: 376862
Conc: 174.81 ng/ml



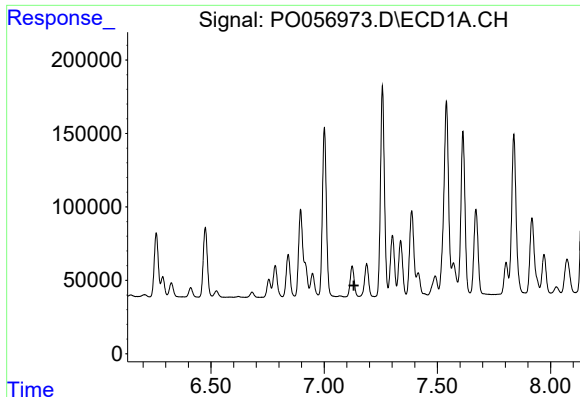
#28 AR-1254-3

R.T.: 6.841 min
Delta R.T.: -0.005 min
Response: 352574
Conc: 85.51 ng/ml



#28 AR-1254-3

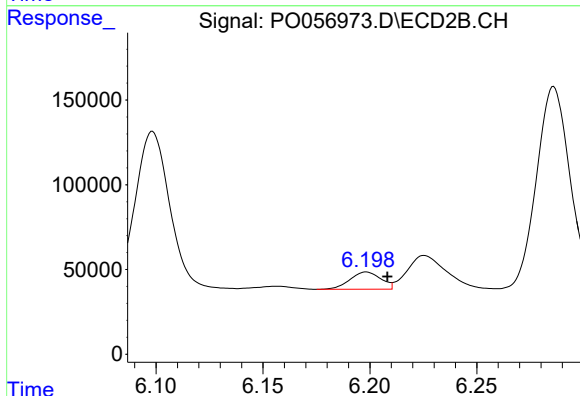
R.T.: 5.984 min
Delta R.T.: 0.003 min
Response: 786211
Conc: 214.75 ng/ml



#29 AR-1254-4

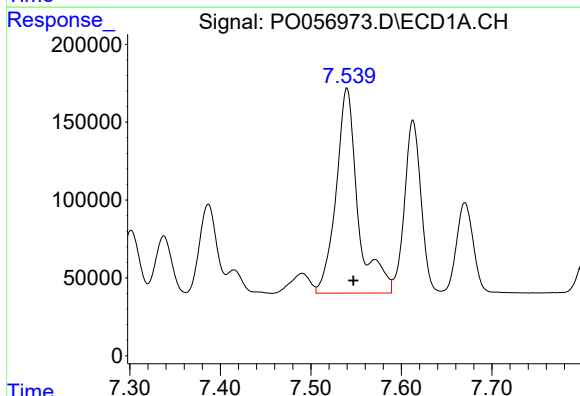
R.T.: 0.000 min
Exp R.T.: 7.131 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



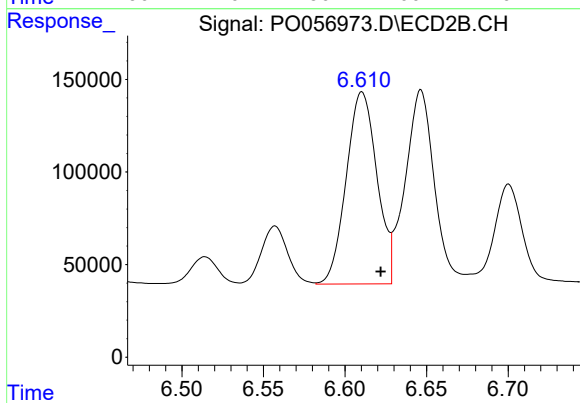
#29 AR-1254-4

R.T.: 6.198 min
Delta R.T.: -0.010 min
Response: 102021
Conc: 46.44 ng/ml



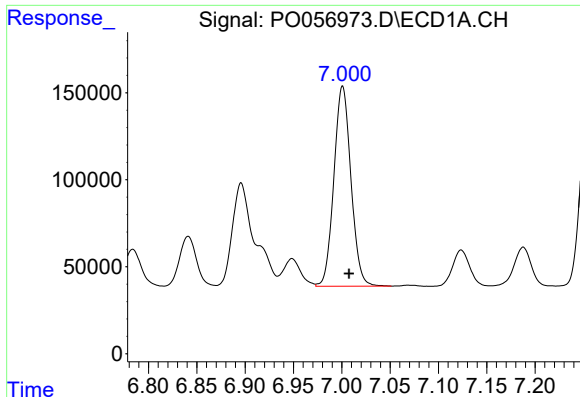
#30 AR-1254-5

R.T.: 7.540 min
Delta R.T.: -0.007 min
Response: 2218508
Conc: 589.14 ng/ml



#30 AR-1254-5

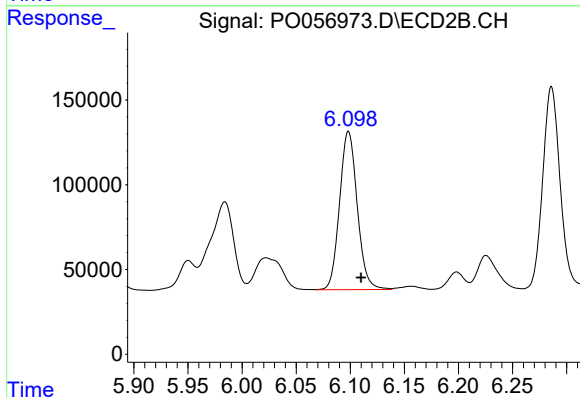
R.T.: 6.610 min
Delta R.T.: -0.011 min
Response: 1359693
Conc: 428.89 ng/ml



#31 AR-1260-1

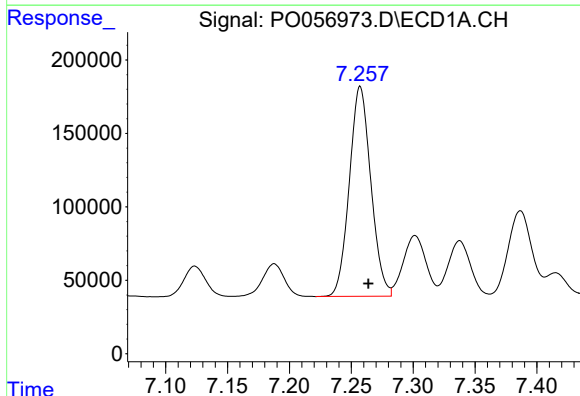
R.T.: 7.001 min
Delta R.T.: -0.007 min
Response: 1412544
Conc: 550.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



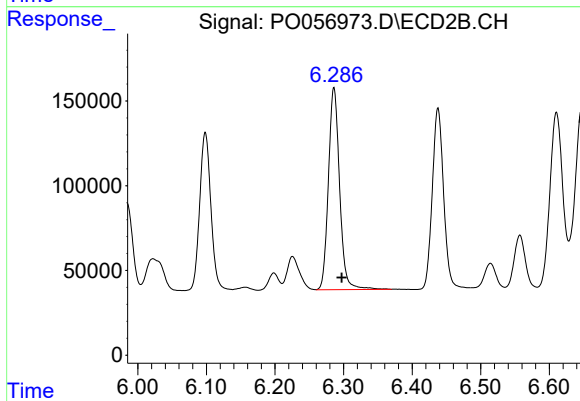
#31 AR-1260-1

R.T.: 6.098 min
Delta R.T.: -0.012 min
Response: 1061488
Conc: 530.64 ng/ml



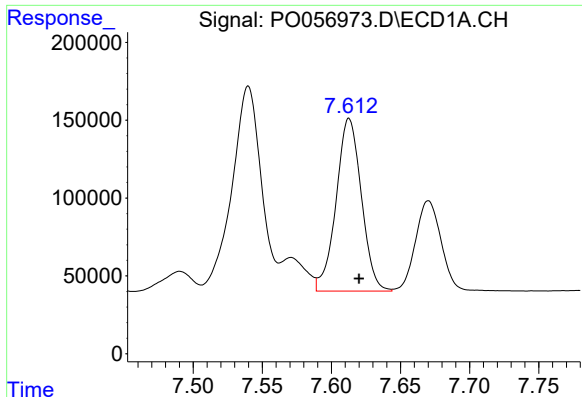
#32 AR-1260-2

R.T.: 7.257 min
Delta R.T.: -0.006 min
Response: 1731183
Conc: 572.45 ng/ml



#32 AR-1260-2

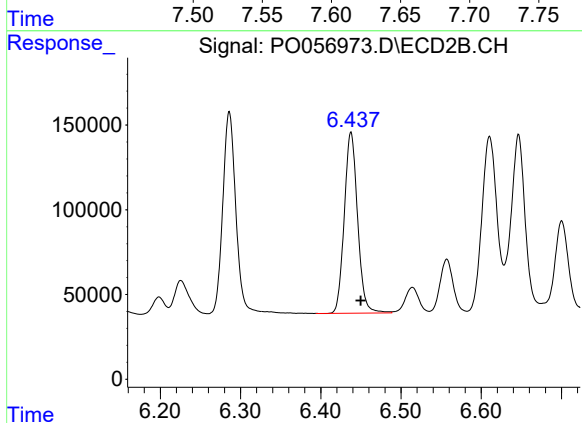
R.T.: 6.286 min
Delta R.T.: -0.012 min
Response: 1353525
Conc: 549.11 ng/ml



#33 AR-1260-3

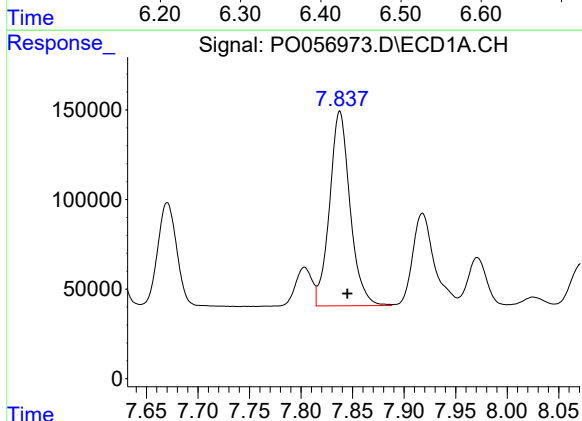
R.T.: 7.613 min
Delta R.T.: -0.007 min
Response: 1413766
Conc: 586.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



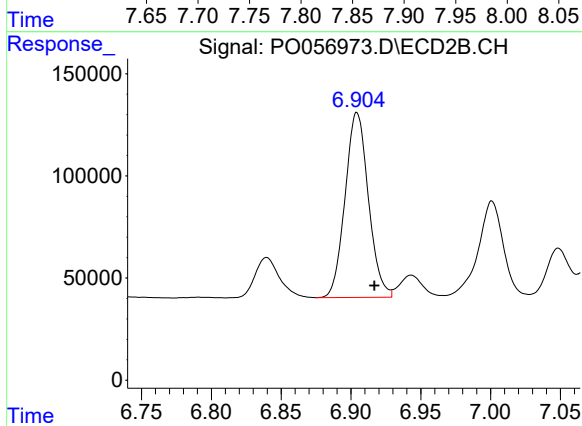
#33 AR-1260-3

R.T.: 6.438 min
Delta R.T.: -0.012 min
Response: 1231571
Conc: 549.02 ng/ml



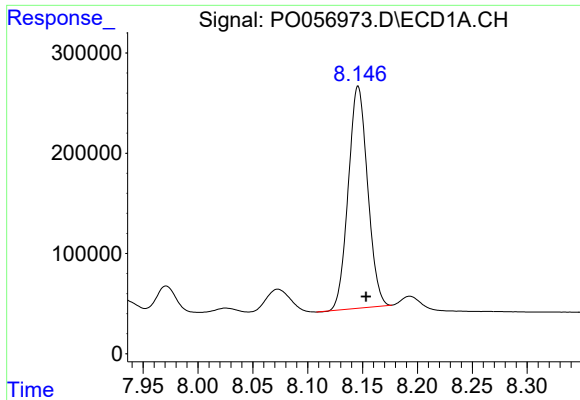
#34 AR-1260-4

R.T.: 7.838 min
Delta R.T.: -0.007 min
Response: 1505904
Conc: 574.95 ng/ml



#34 AR-1260-4

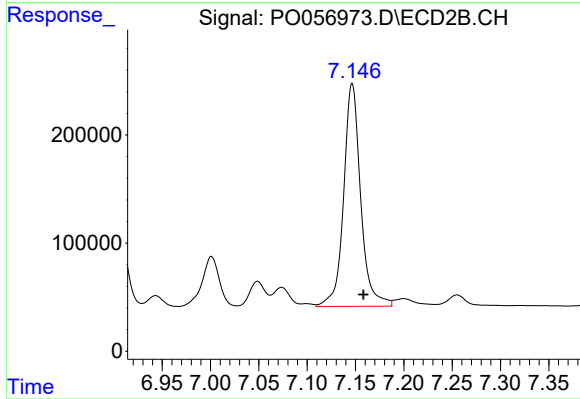
R.T.: 6.904 min
Delta R.T.: -0.013 min
Response: 1051724
Conc: 565.13 ng/ml



#35 AR-1260-5

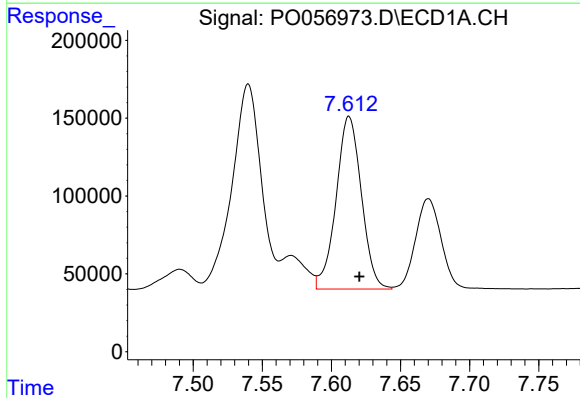
R.T.: 8.146 min
Delta R.T.: -0.007 min
Response: 2711534
Conc: 567.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



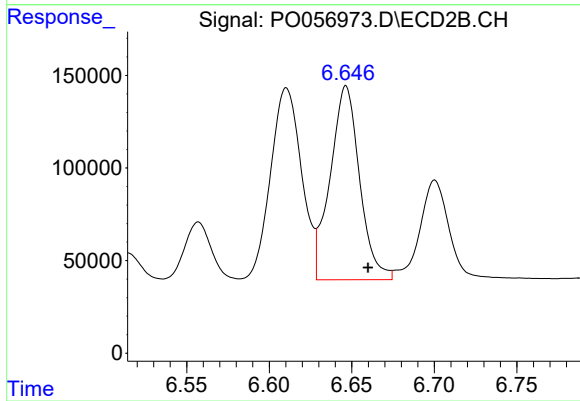
#35 AR-1260-5

R.T.: 7.147 min
Delta R.T.: -0.011 min
Response: 2523650
Conc: 585.22 ng/ml



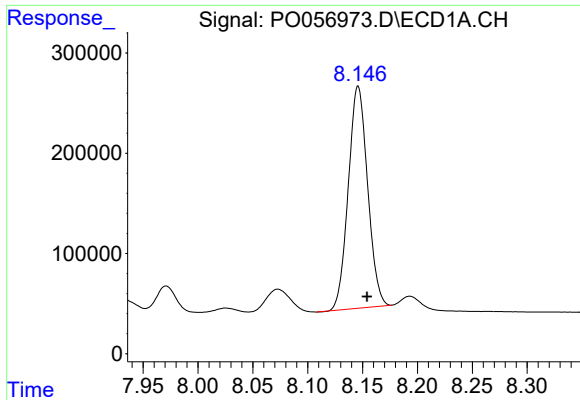
#36 AR-1262-1

R.T.: 7.613 min
Delta R.T.: -0.007 min
Response: 1413766
Conc: 302.28 ng/ml



#36 AR-1262-1

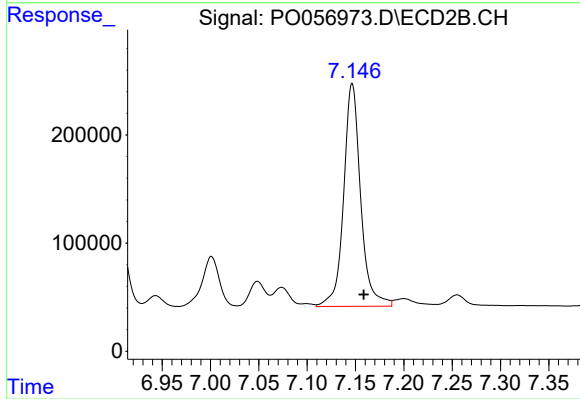
R.T.: 6.647 min
Delta R.T.: -0.013 min
Response: 1300001
Conc: 311.45 ng/ml



#37 AR-1262-2

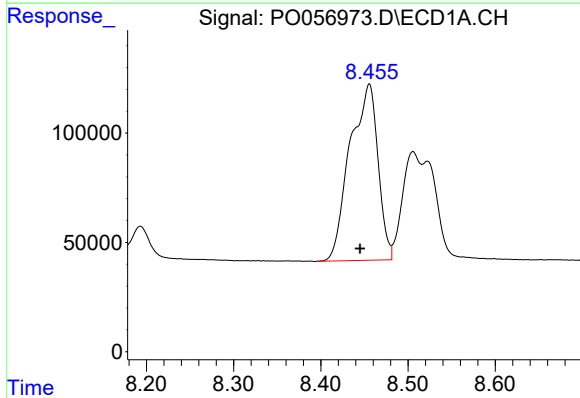
R.T.: 8.146 min
Delta R.T.: -0.008 min
Response: 2711534
Conc: 355.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



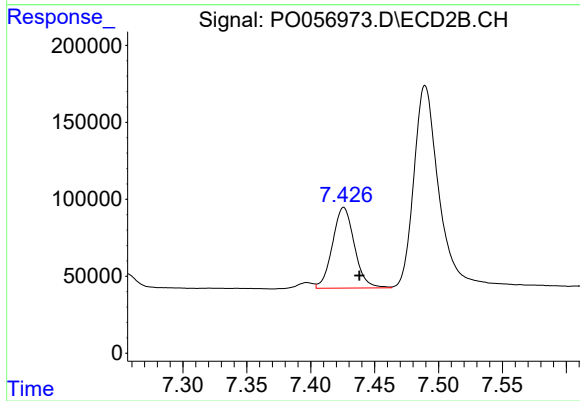
#37 AR-1262-2

R.T.: 7.147 min
Delta R.T.: -0.012 min
Response: 2523650
Conc: 367.31 ng/ml



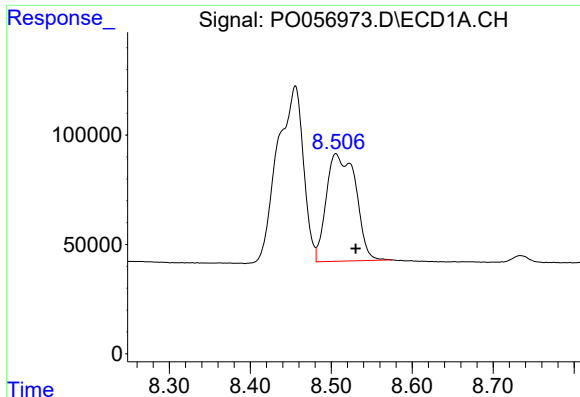
#38 AR-1262-3

R.T.: 8.455 min
Delta R.T.: 0.010 min
Response: 1800205
Conc: 343.97 ng/ml



#38 AR-1262-3

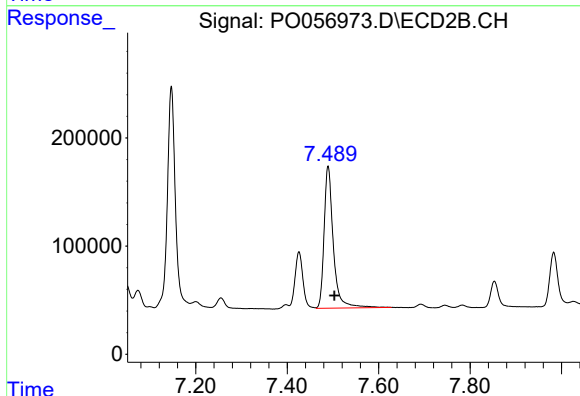
R.T.: 7.426 min
Delta R.T.: -0.012 min
Response: 627865
Conc: 212.59 ng/ml



#39 AR-1262-4

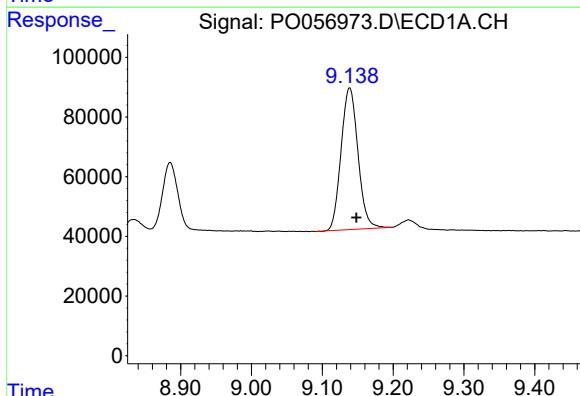
R.T.: 8.506 min
Delta R.T.: -0.024 min
Response: 1239696
Conc: 290.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



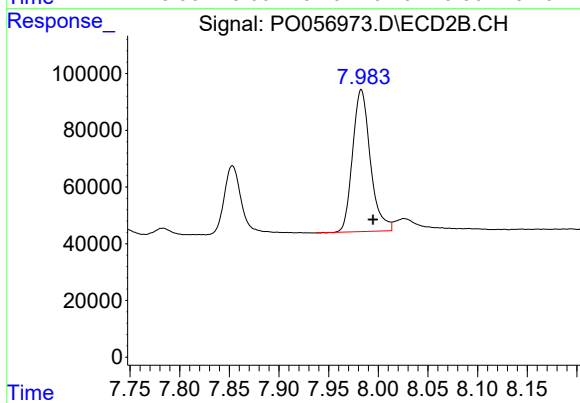
#39 AR-1262-4

R.T.: 7.490 min
Delta R.T.: -0.013 min
Response: 1839089
Conc: 352.95 ng/ml



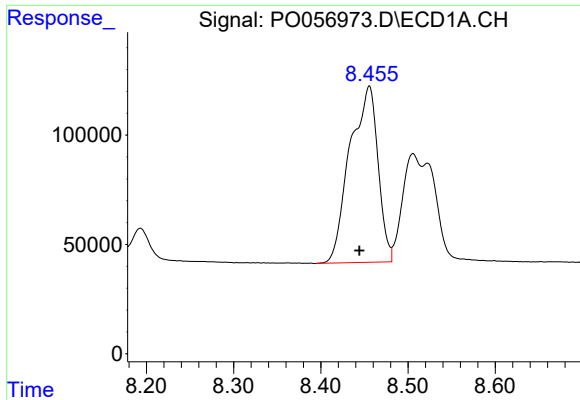
#40 AR-1262-5

R.T.: 9.139 min
Delta R.T.: -0.010 min
Response: 786615
Conc: 286.29 ng/ml



#40 AR-1262-5

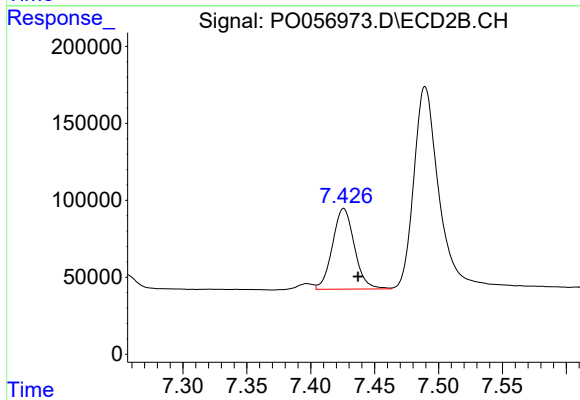
R.T.: 7.983 min
Delta R.T.: -0.012 min
Response: 622071
Conc: 267.89 ng/ml



#41 AR-1268-1

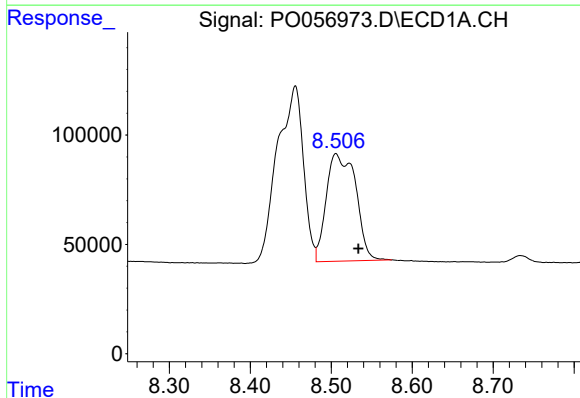
R.T.: 8.455 min
Delta R.T.: 0.011 min
Response: 1800205
Conc: 221.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



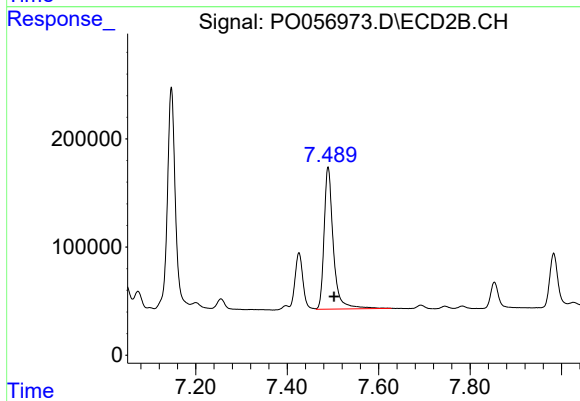
#41 AR-1268-1

R.T.: 7.426 min
Delta R.T.: -0.011 min
Response: 627865
Conc: 84.11 ng/ml



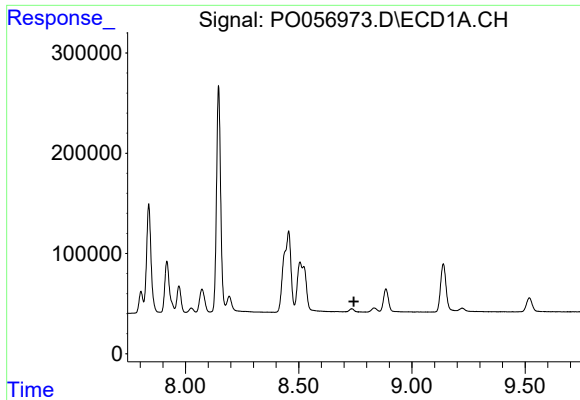
#42 AR-1268-2

R.T.: 8.506 min
Delta R.T.: -0.028 min
Response: 1239696
Conc: 153.24 ng/ml



#42 AR-1268-2

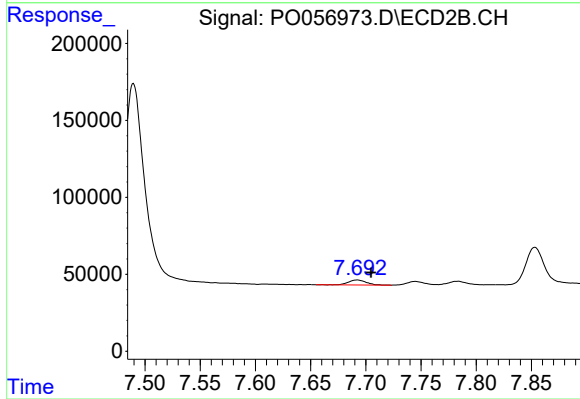
R.T.: 7.490 min
Delta R.T.: -0.013 min
Response: 1839089
Conc: 263.36 ng/ml



#43 AR-1268-3

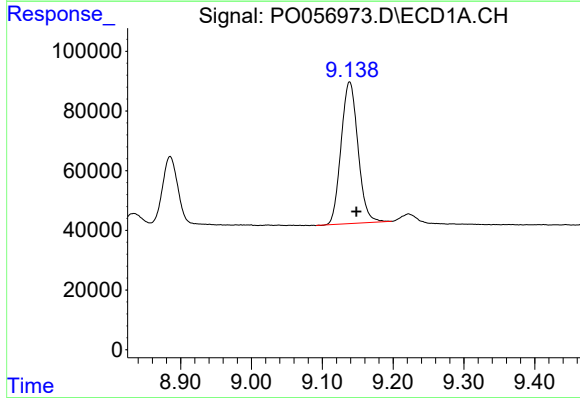
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



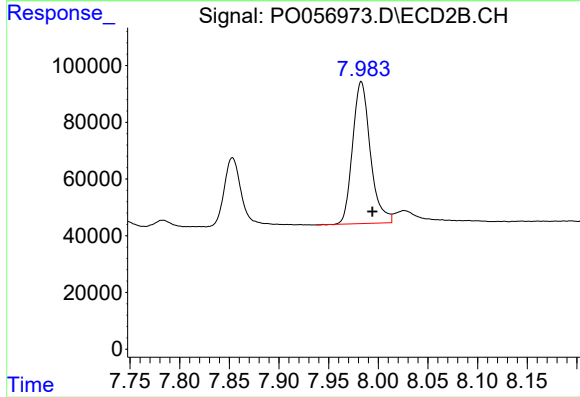
#43 AR-1268-3

R.T.: 7.692 min
Delta R.T.: -0.013 min
Response: 36692
Conc: 6.18 ng/ml



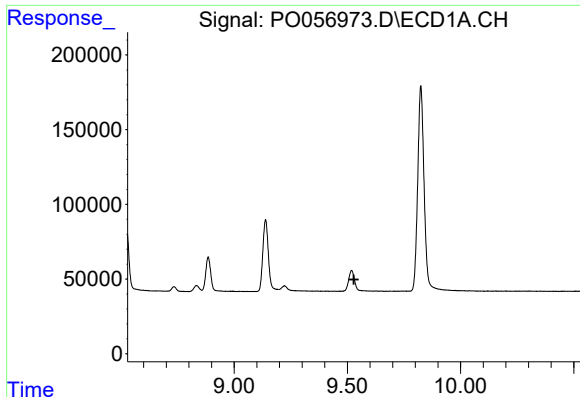
#44 AR-1268-4

R.T.: 9.139 min
Delta R.T.: -0.010 min
Response: 786615
Conc: 288.45 ng/ml



#44 AR-1268-4

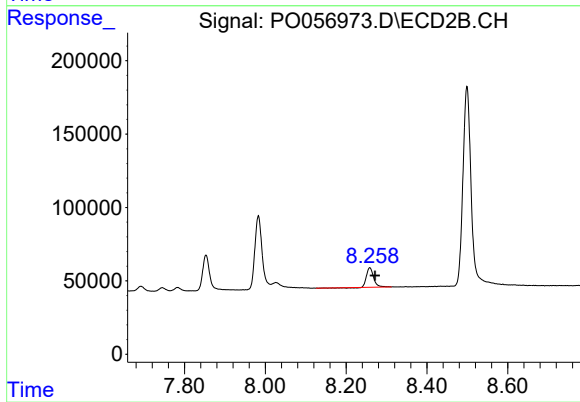
R.T.: 7.983 min
Delta R.T.: -0.011 min
Response: 622071
Conc: 266.50 ng/ml



#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.: 8.259 min
Delta R.T.: -0.013 min
Response: 157013
Conc: 9.07 ng/ml