

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101223\
 Data File : PL085874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2023 12:16
 Operator : AR\AJ
 Sample : 04699-09
 Misc : PEST MDL 1PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/13/2023
 Supervised By :Ankita Jodhani 10/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 12:53:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.356	2.621	56724705	17204804	19.073	18.418
28)	SA Decachlor...	8.859	7.774	52633714	23245124	24.165	25.185
Target Compounds							
2)	A alpha-BHC	3.809	3.119	3987035	1022466	0.929	0.813
3)	MA gamma-BHC...	4.141	3.447	4060374	1070159	0.982	0.868
4)	MA Heptachlor	4.727	3.782	4360665	1140557	1.127m	0.981m
5)	MB Aldrin	5.068	4.060	4079095	1070363	1.052	0.957
6)	B beta-BHC	4.345	3.747	2228362	616231	1.348	1.184m
7)	B delta-BHC	4.586	3.974	4348662	975508	1.134m	0.849 #
8)	B Heptachlo...	5.497	4.565	3241708	1172378	0.940m	1.167
9)	A Endosulfan I	5.880	4.931	3550528	1258817	1.098m	1.173m
10)	B gamma-Chl...	5.754	4.815	4037309	1506090	1.180m	1.521m#
11)	B alpha-Chl...	5.833	4.879	4060824	1409864	1.188m	1.293m
12)	B 4,4'-DDE	6.017	5.078	3489044	879250	1.248m	1.071m
13)	MA Dieldrin	6.158	5.198	4104994	1069036	1.249	1.102
14)	MA Endrin	6.387	5.472	3427358	972669	1.203	1.082
15)	B Endosulfa...	6.610	5.770	5295591	1128533	1.922	1.187 #
16)	A 4,4'-DDD	6.537	5.635	2711132	856465	1.346	1.230
17)	MA 4,4'-DDT	6.850	5.886	2183131	825977	0.926m	1.045
18)	B Endrin al...	6.741	5.952	2664425	1810140	1.315	2.427 #
19)	B Endosulfa...	6.977	6.176	3487989	1150155	1.390	1.275
20)	A Methoxychlor	7.340	6.471	3038374	599260	2.176	1.139 #
21)	B Endrin ke...	7.457	6.678	2979467	1593721	1.034m	1.387 #
22)	Mirex	7.933	6.855	2792324	1404718	1.261	1.489

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101223\
Data File : PL085874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Oct 2023 12:16
Operator : AR\AJ
Sample : 04699-09
Misc : PEST MDL 1PPB
ALS Vial : 5 Sample Multiplier: 1

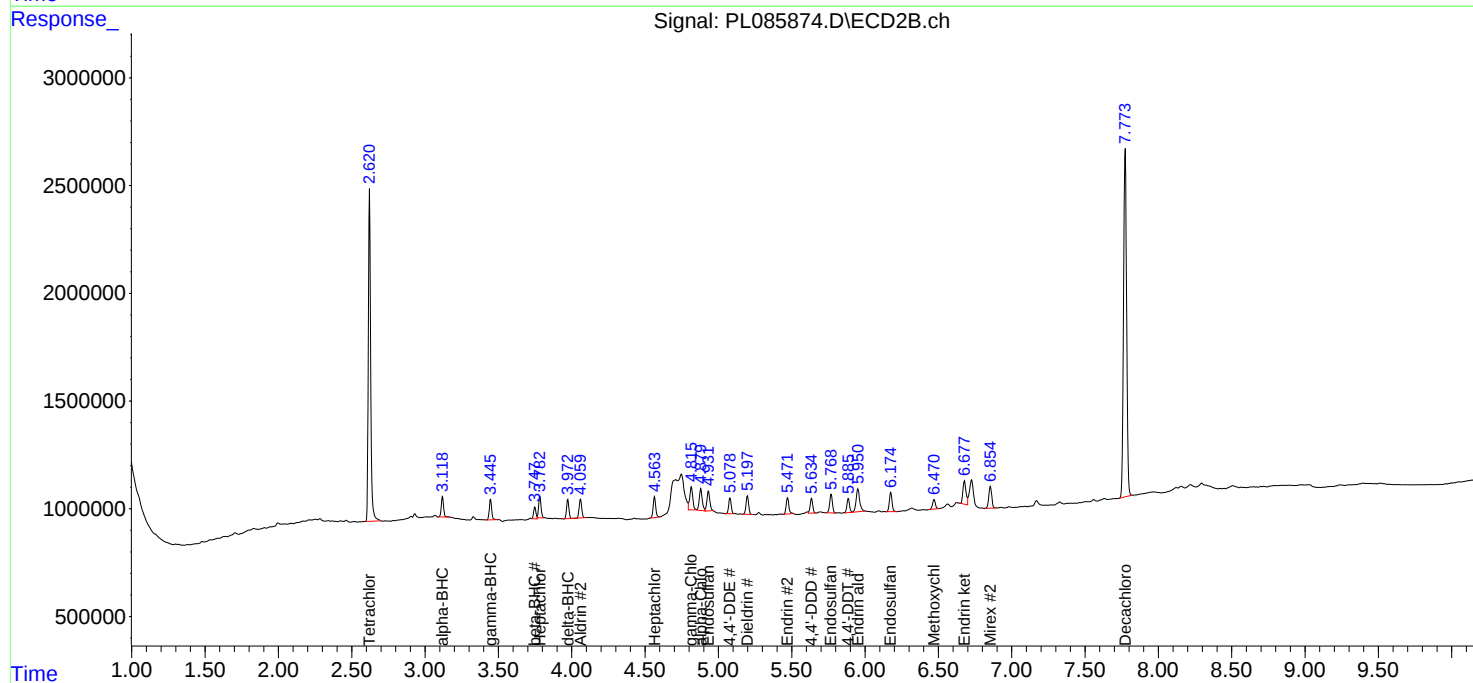
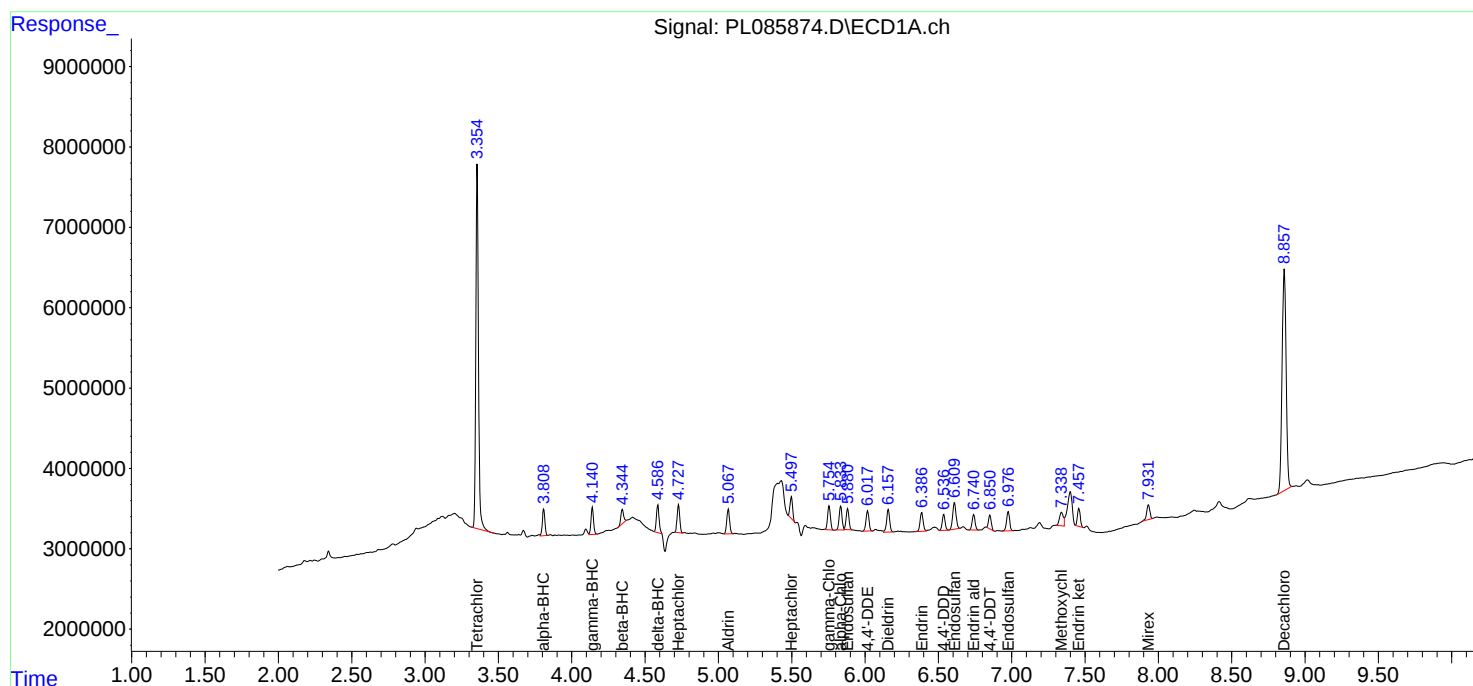
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

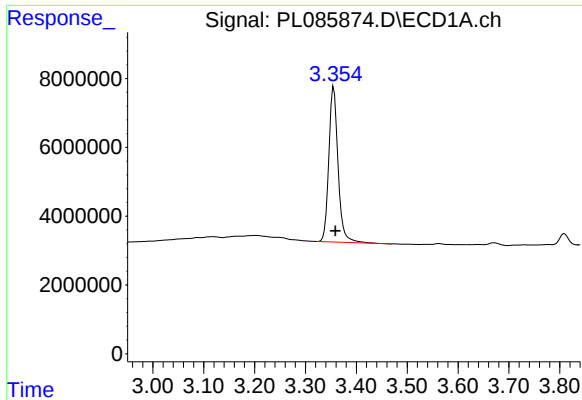
Manual Integrations
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Supervised By :Ankita Jodhani 10/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 12 12:53:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
Response via : Initial Calibration
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





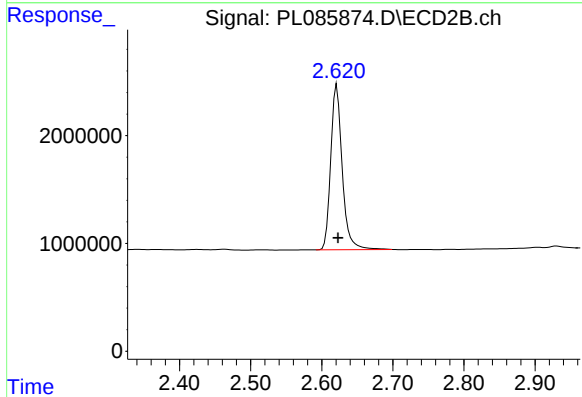
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 56724705
Conc: 19.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

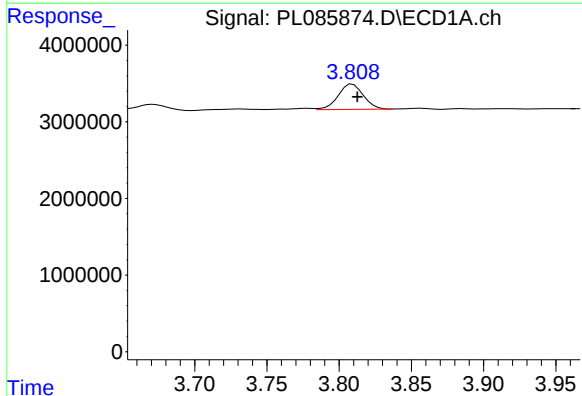
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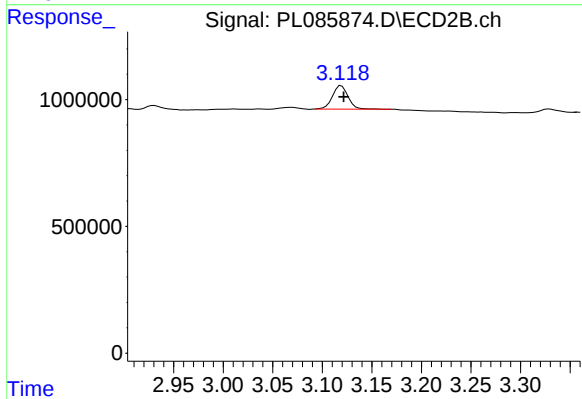
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.001 min
Response: 17204804
Conc: 18.42 ng/ml



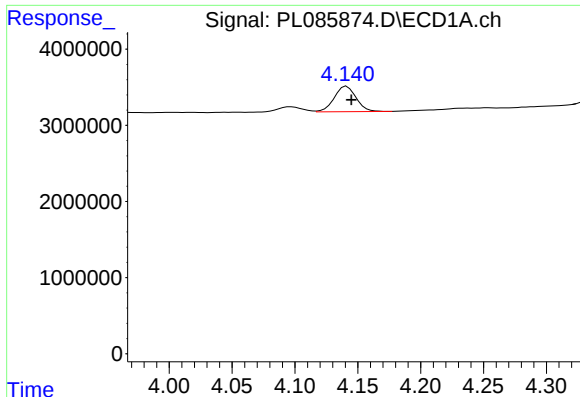
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 3987035
Conc: 0.93 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 1022466
Conc: 0.81 ng/ml



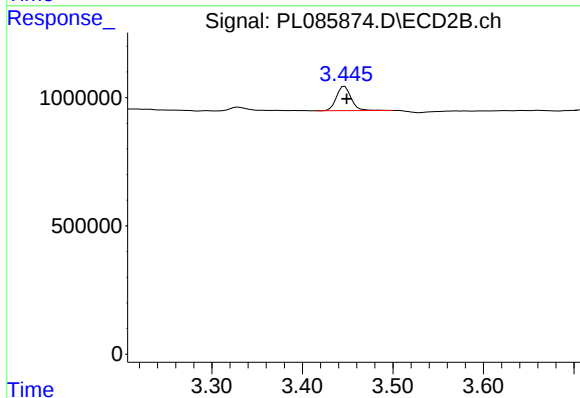
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 4060374
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

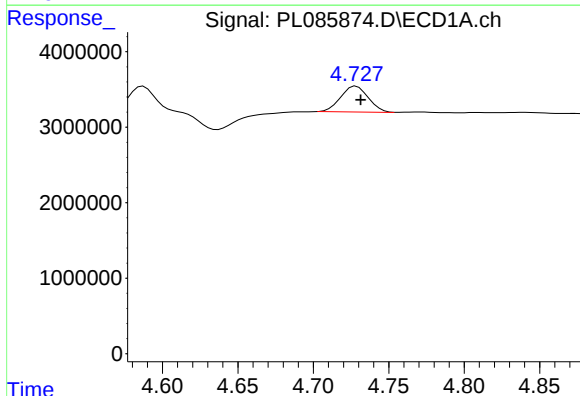
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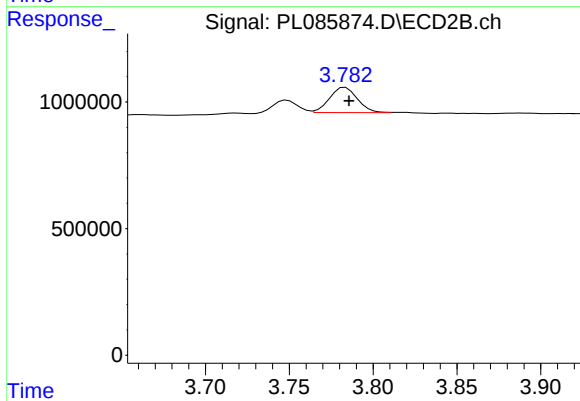
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 1070159
Conc: 0.87 ng/ml



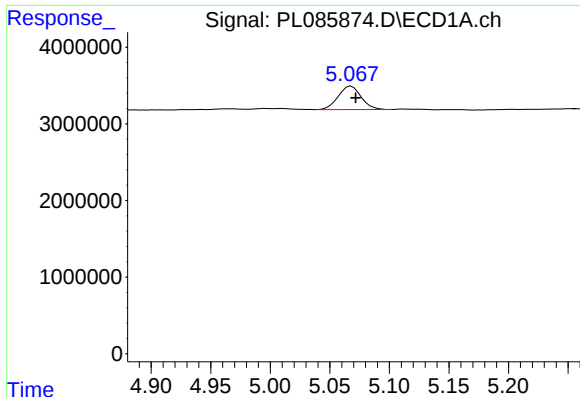
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 4360665
Conc: 1.13 ng/ml m



#4 Heptachlor

R.T.: 3.782 min
Delta R.T.: -0.004 min
Response: 1140557
Conc: 0.98 ng/ml m



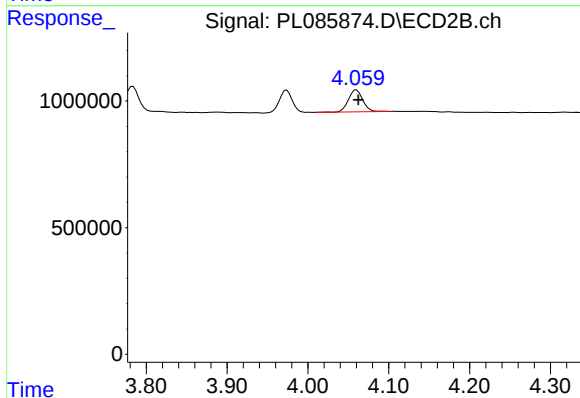
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 4079095
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

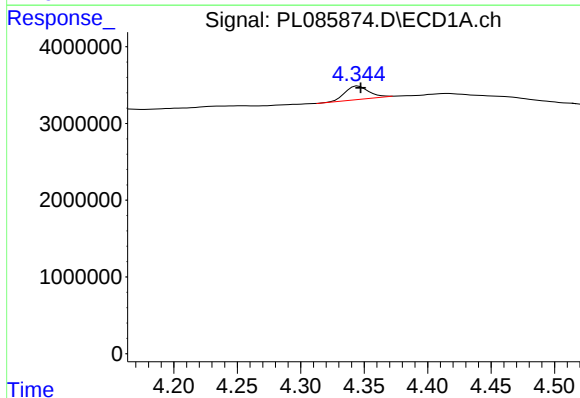
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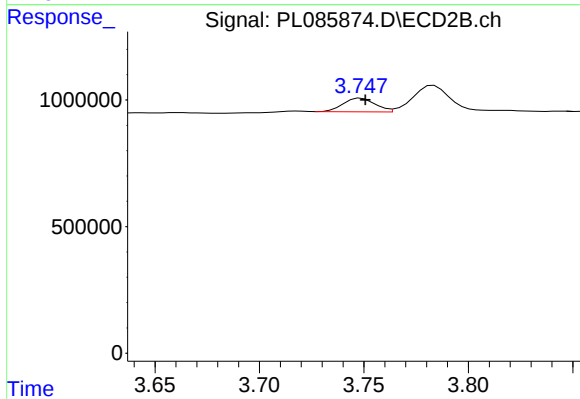
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 1070363
Conc: 0.96 ng/ml



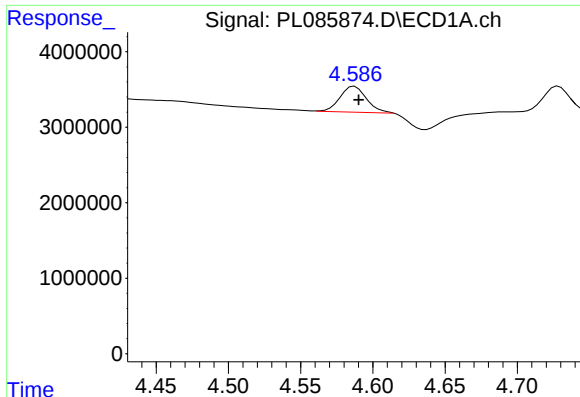
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 2228362
Conc: 1.35 ng/ml



#6 beta-BHC

R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 616231
Conc: 1.18 ng/ml m



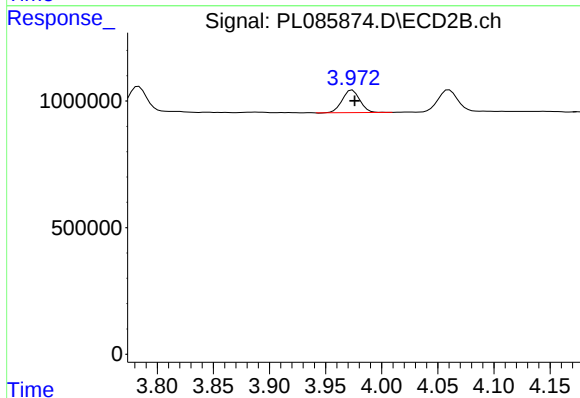
#7 delta-BHC

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 4348662
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

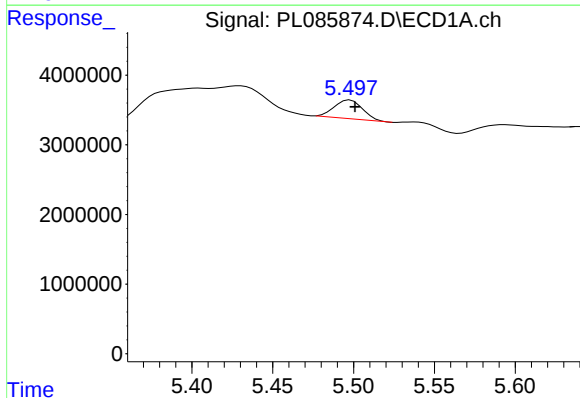
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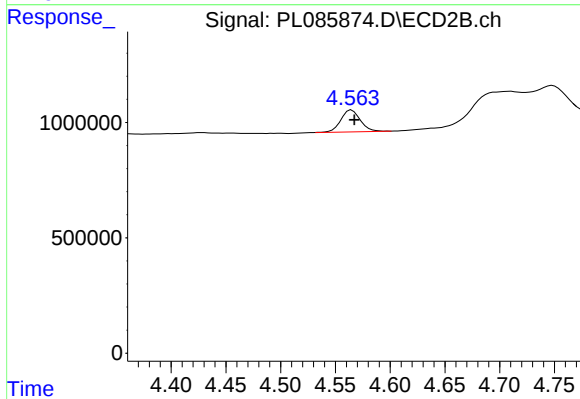
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 975508
Conc: 0.85 ng/ml



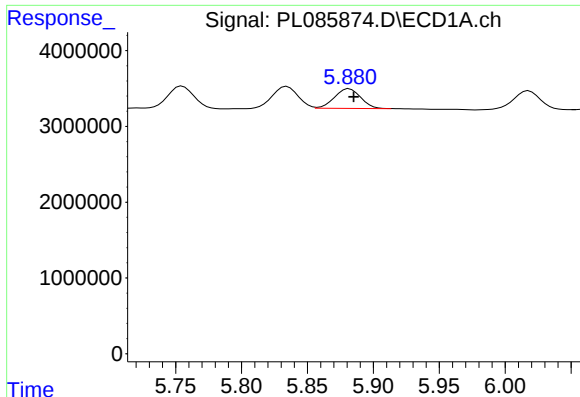
#8 Heptachlor epoxide

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 3241708
Conc: 0.94 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 1172378
Conc: 1.17 ng/ml



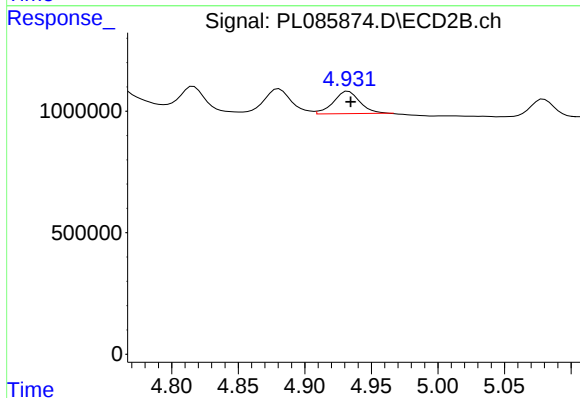
#9 Endosulfan I

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 3550528
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

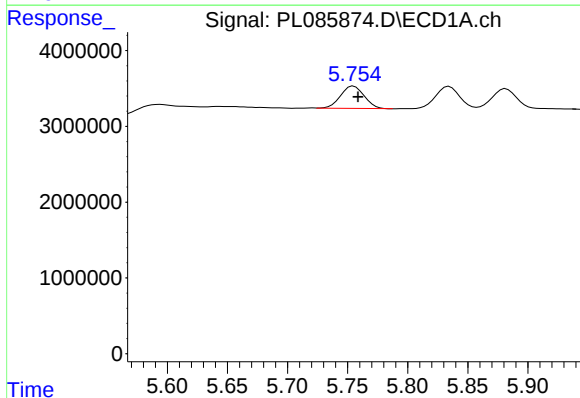
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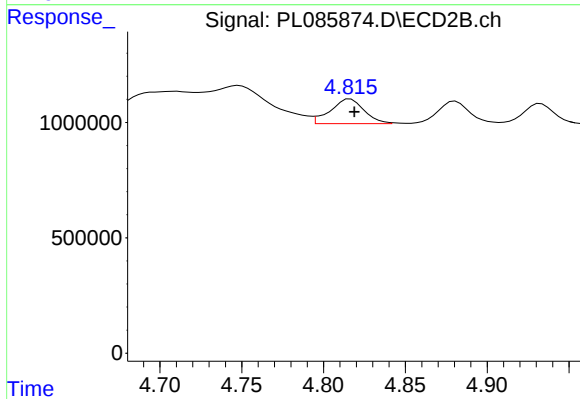
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.003 min
Response: 1258817
Conc: 1.17 ng/ml m



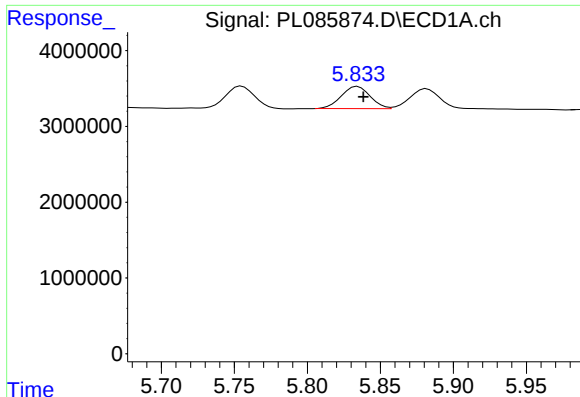
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 4037309
Conc: 1.18 ng/ml m



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 1506090
Conc: 1.52 ng/ml m



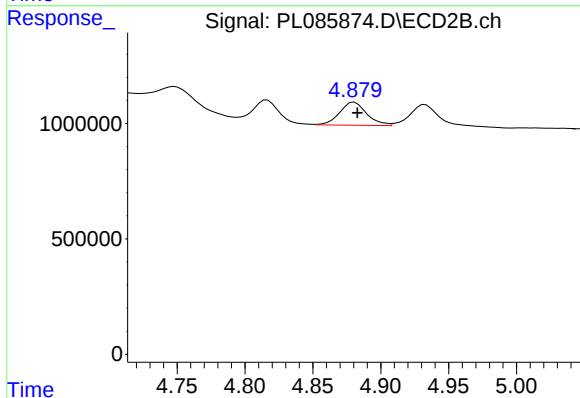
#11 alpha-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.005 min
Response: 4060824
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

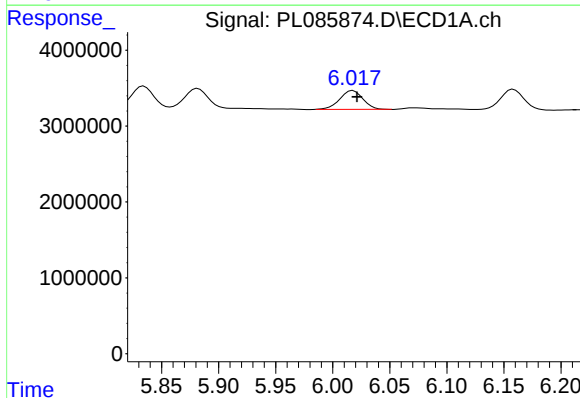
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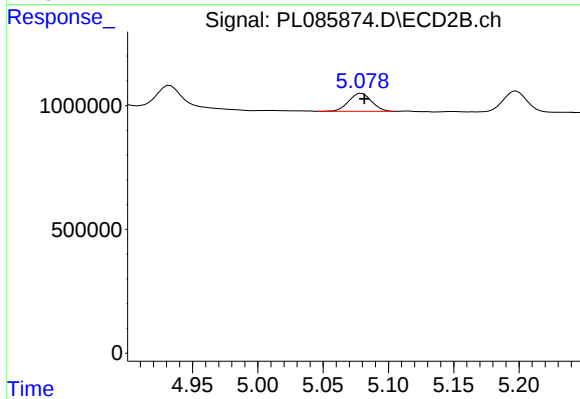
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 1409864
Conc: 1.29 ng/ml m



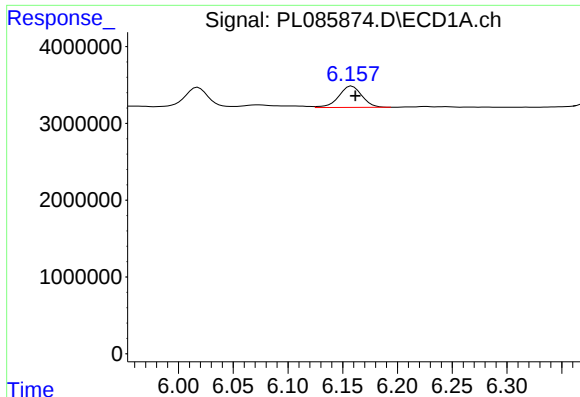
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.005 min
Response: 3489044
Conc: 1.25 ng/ml m



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 879250
Conc: 1.07 ng/ml m



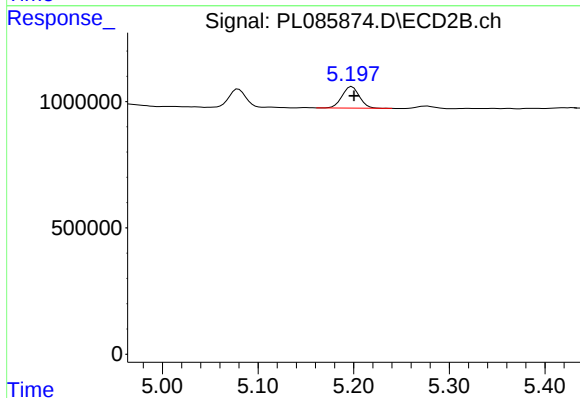
#13 Dieldrin

R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 4104994
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

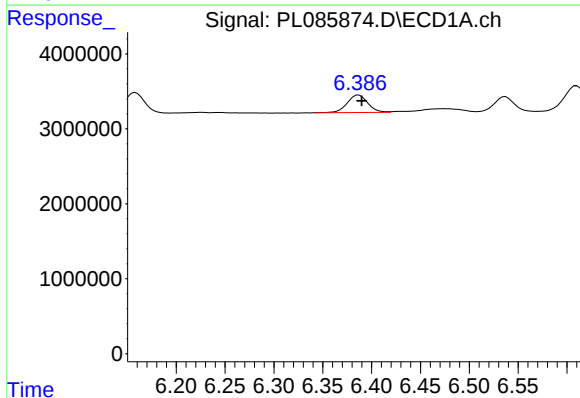
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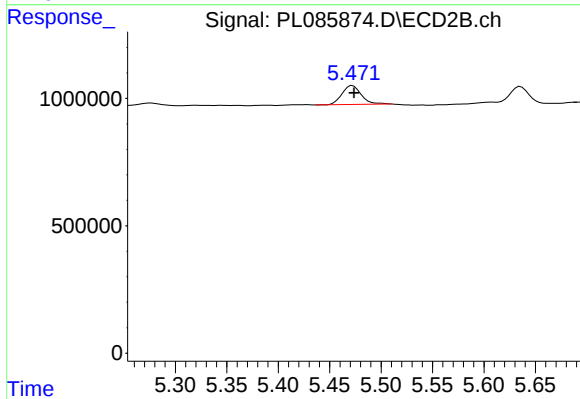
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 1069036
Conc: 1.10 ng/ml



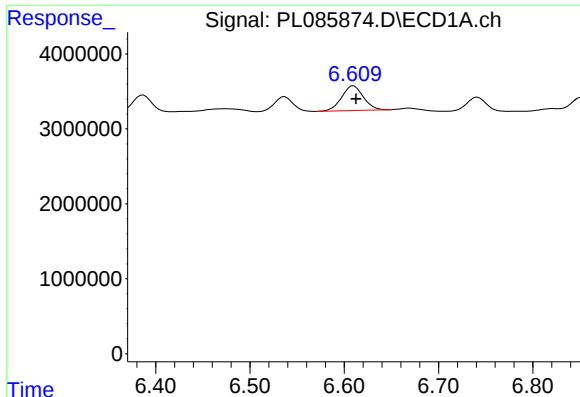
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 3427358
Conc: 1.20 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.001 min
Response: 972669
Conc: 1.08 ng/ml



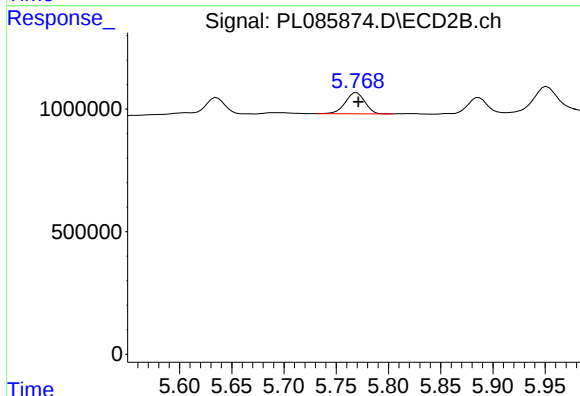
#15 Endosulfan II

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 5295591
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
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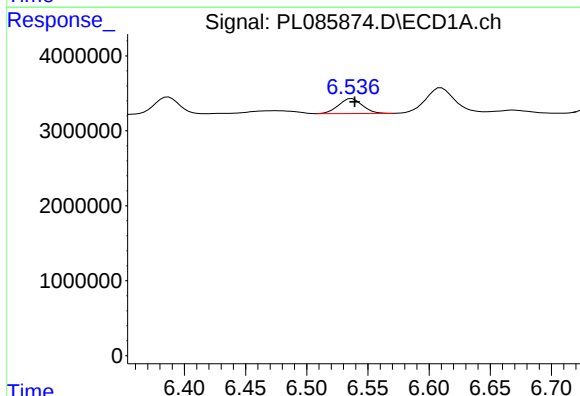
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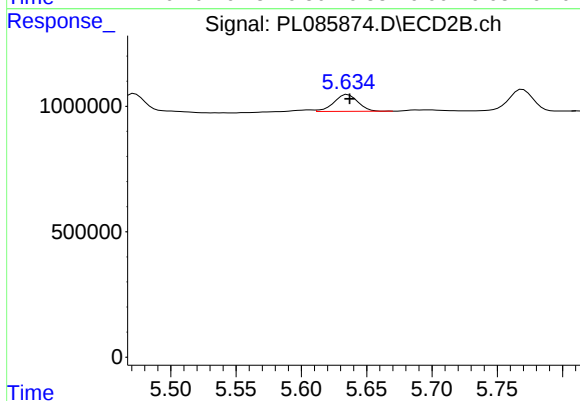
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 1128533
Conc: 1.19 ng/ml



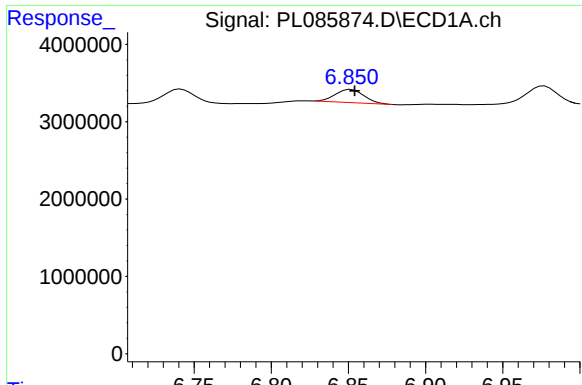
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 2711132
Conc: 1.35 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 856465
Conc: 1.23 ng/ml



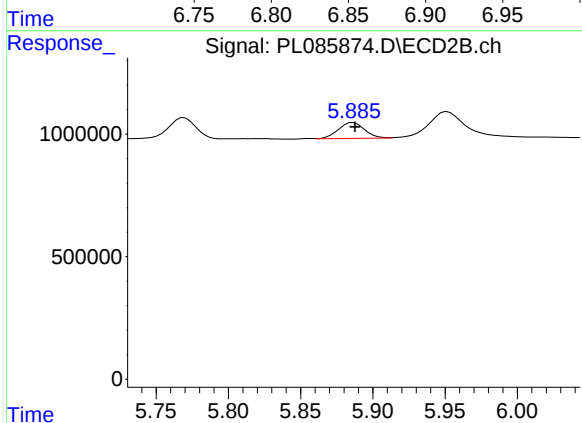
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 2183131
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
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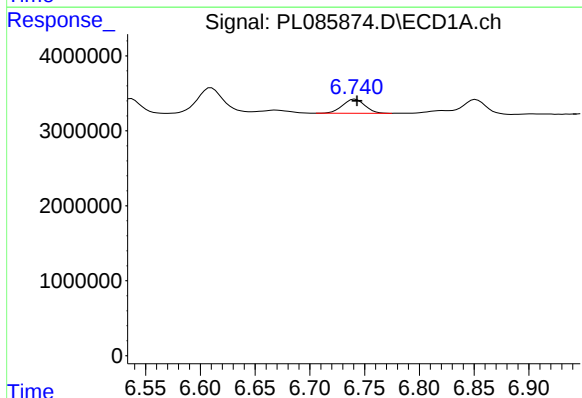
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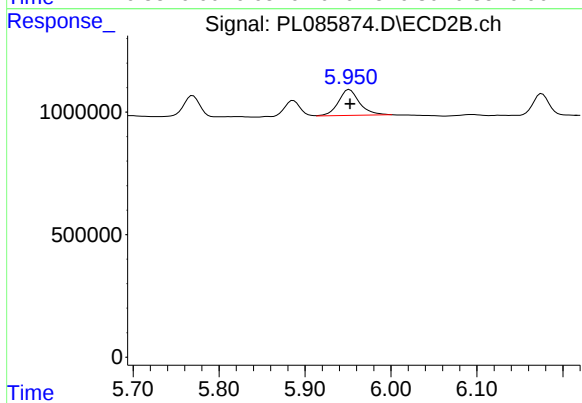
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 825977
Conc: 1.04 ng/ml



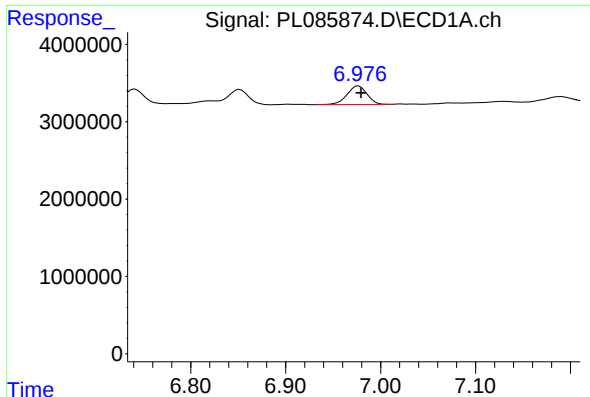
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 2664425
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 1810140
Conc: 2.43 ng/ml



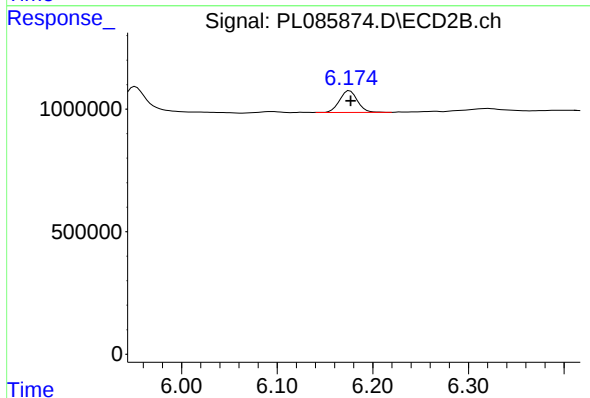
#19 Endosulfan Sulfate

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 3487989
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

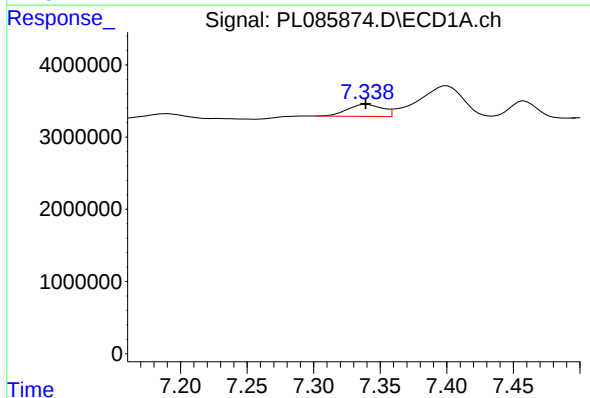
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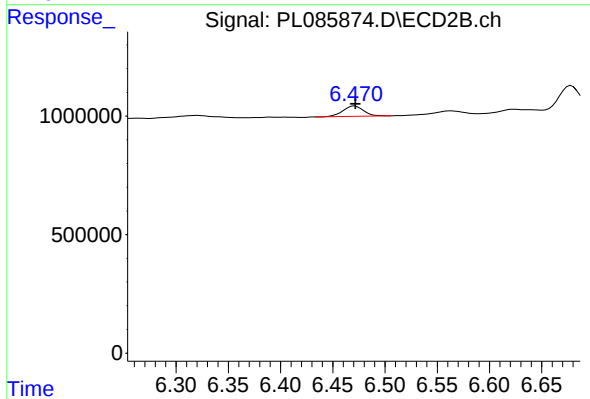
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1150155
Conc: 1.27 ng/ml



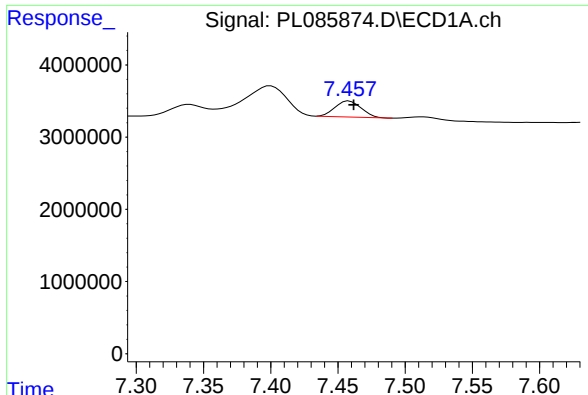
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 3038374
Conc: 2.18 ng/ml



#20 Methoxychlor

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 599260
Conc: 1.14 ng/ml



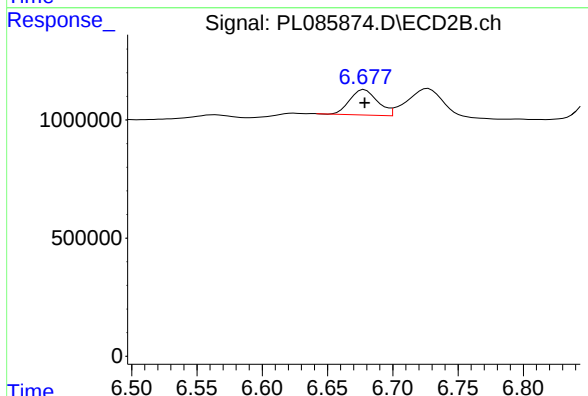
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 2979467
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

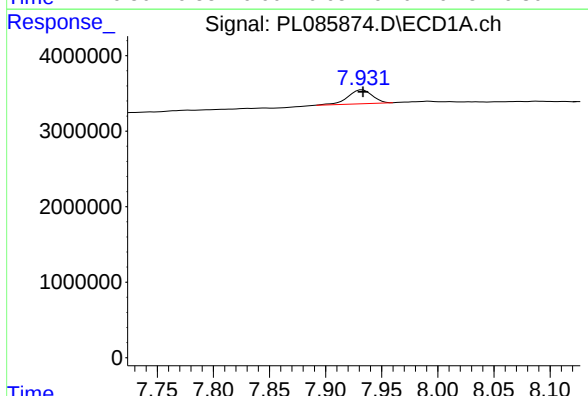
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2023
Supervised By :Ankita Jodhani 10/13/2023



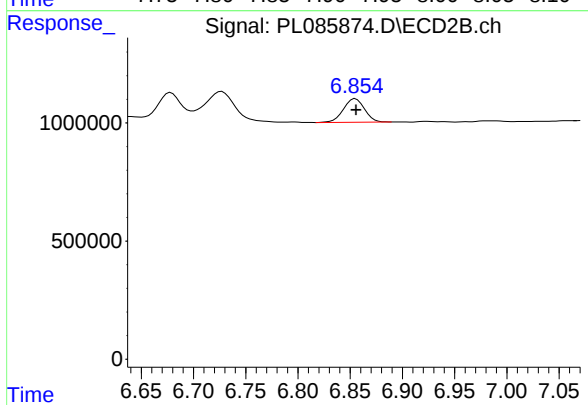
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 1593721
Conc: 1.39 ng/ml



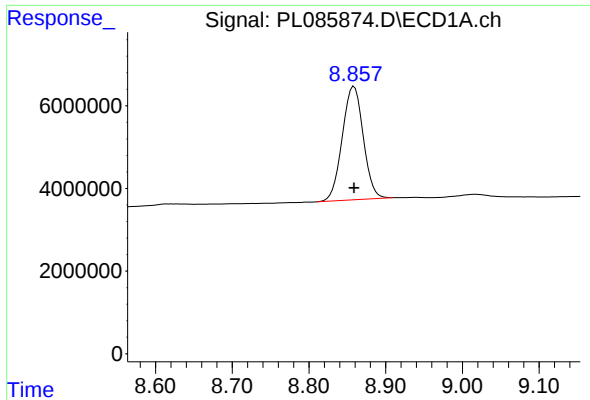
#22 Mirex

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 2792324
Conc: 1.26 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 1404718
Conc: 1.49 ng/ml



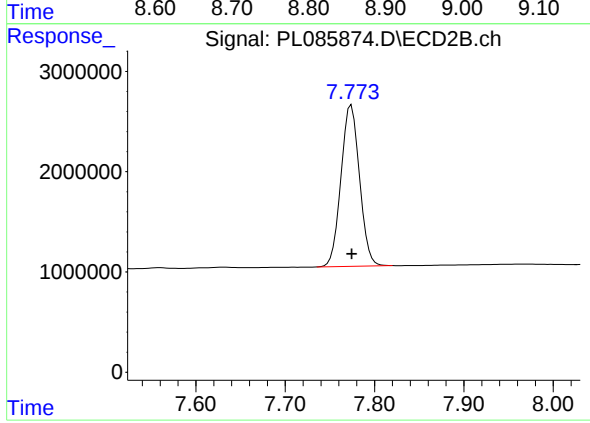
#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 52633714
Conc: 24.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2023
Supervised By :Ankita Jodhani 10/13/2023



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 23245124
Conc: 25.18 ng/ml