

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:31
 Operator : AR\AJ
 Sample : P2403-07
 Misc : PEST LOD 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:54:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.551	2.797	45422701	29312323	22.557	22.846
2)	SA Decachlor...	9.067	7.948	30068226	29639722	21.492	22.034
Target Compounds							
2)	A alpha-BHC	4.006	3.300	4003134	1891967	1.404	1.003m#
3)	MA gamma-BHC...	4.337	3.632	4065018	1872891	1.460m	1.015 #
4)	MA Heptachlor	4.927	3.974	3725464	1740963	1.502m	0.994 #
5)	MB Aldrin	5.269	4.254	3518799	1765937	1.370m	0.999m#
6)	B beta-BHC	4.533	3.930	1888497	952491	1.497m	1.167
7)	B delta-BHC	4.780	4.160	3599712	1683716	1.357m	0.936 #
8)	B Heptachlo...	5.695	4.758	3565013	1814530	1.520m	1.122 #
9)	A Endosulfan I	6.080	5.129	3346546	1689775	1.557m	1.128 #
10)	B gamma-Chl...	5.950	5.009	3468906	1988098	1.518m	1.212
11)	B alpha-Chl...	6.030	5.073	3431468	1971349	1.509m	1.195
12)	B 4,4'-DDE	6.203	5.262	3067786	1542559	1.516	1.061 #
13)	MA Dieldrin	6.356	5.394	3318026	1746051	1.482	1.085 #
14)	MA Endrin	6.584	5.669	2403296	1511611	1.269m	1.051
15)	B Endosulfa...	6.802	5.963	2862455	1945632	1.434m	1.353
16)	A 4,4'-DDD	6.720	5.816	2552046	1642185	1.513	1.332
17)	MA 4,4'-DDT	7.032	6.068	2442994	1150253	1.328m	0.850 #
18)	B Endrin al...	6.932	6.142	2288114	1372539	1.513m	1.234
19)	B Endosulfa...	7.168	6.364	2724296	1848997	1.506	1.333m
20)	A Methoxychlor	7.508	6.642	1320807	861029	1.343m	1.077m
21)	B Endrin ke...	7.652	6.871	2969836	1737451	1.484m	1.087 #
22)	Mirex	8.129	7.055	2106685	1816931	1.356	1.332

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089424.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 15:31
Operator : AR\AJ
Sample : P2403-07
Misc : PEST LOD 1PPB
ALS Vial : 9 Sample Multiplier: 1

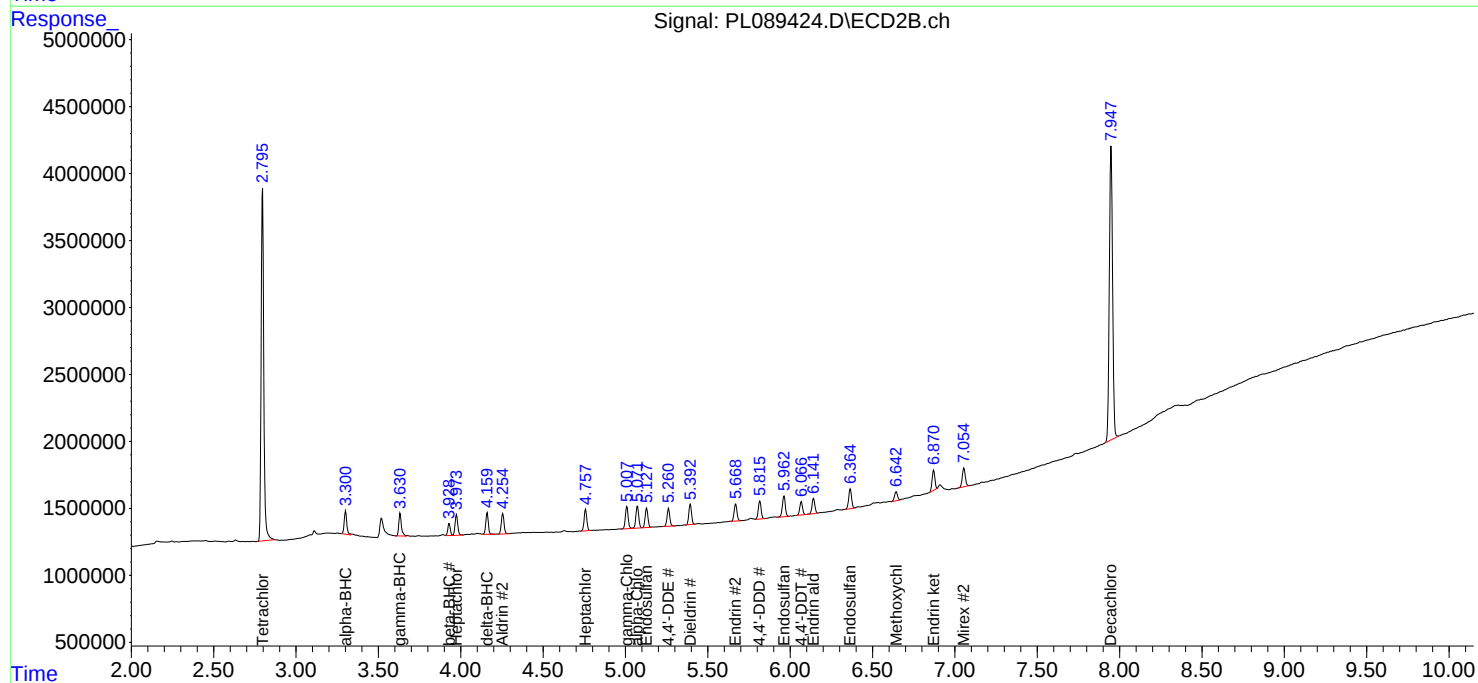
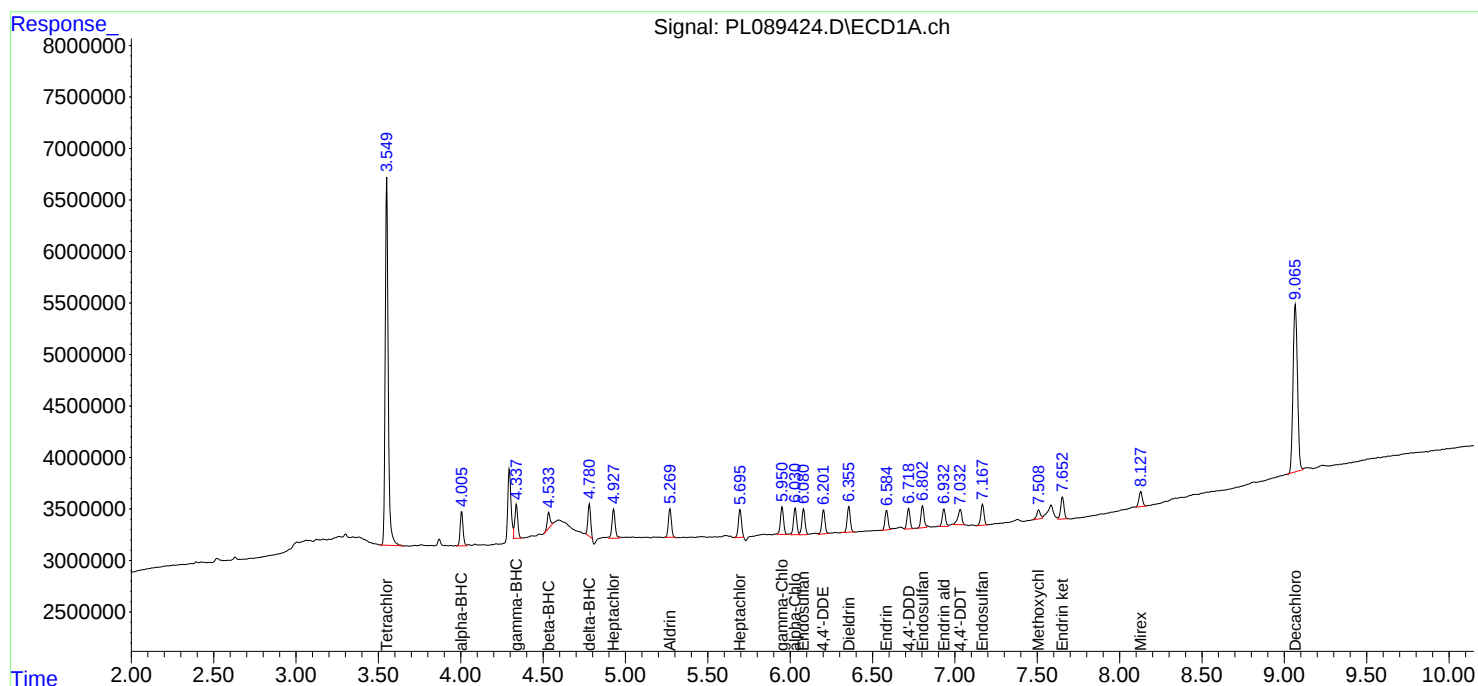
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

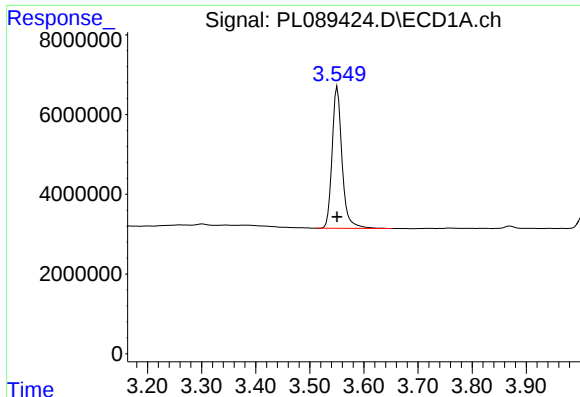
Manual Integrations
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Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:54:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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





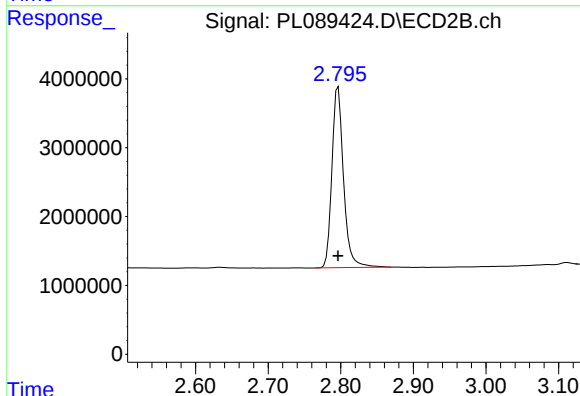
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45422701
Conc: 22.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
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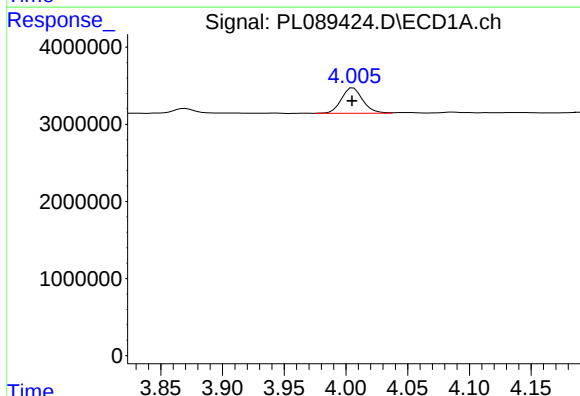
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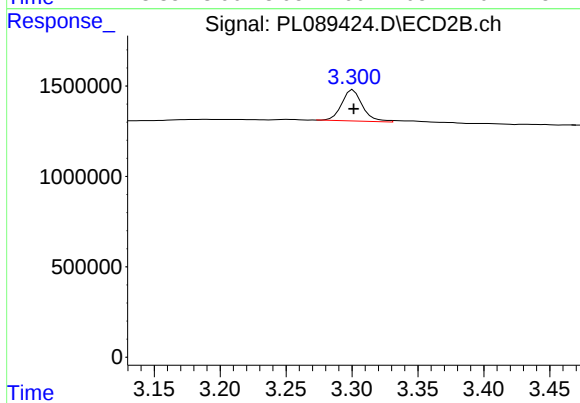
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29312323
Conc: 22.85 ng/ml



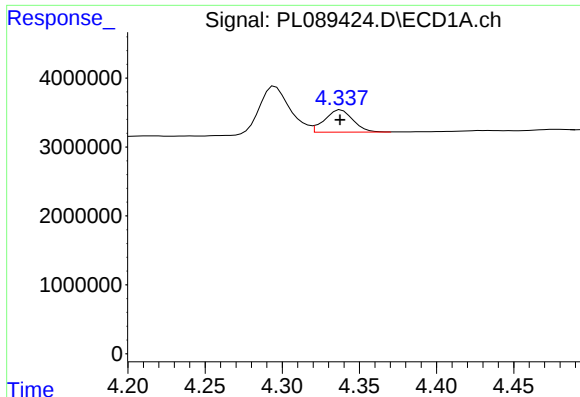
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 4003134
Conc: 1.40 ng/ml



#2 alpha-BHC

R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 1891967
Conc: 1.00 ng/ml m



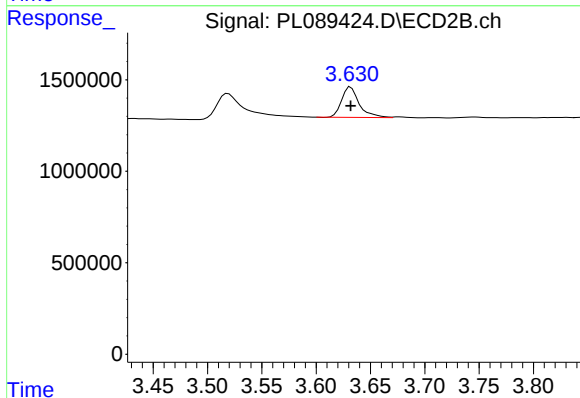
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 4065018
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

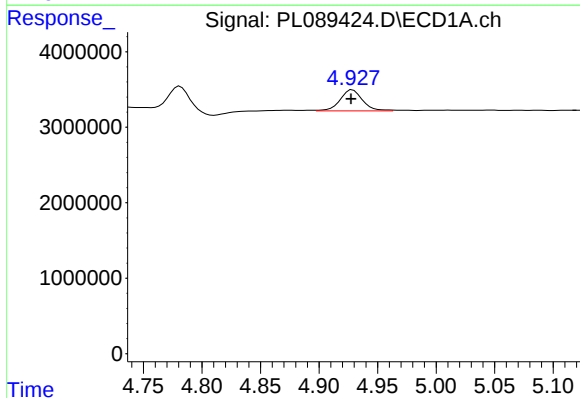
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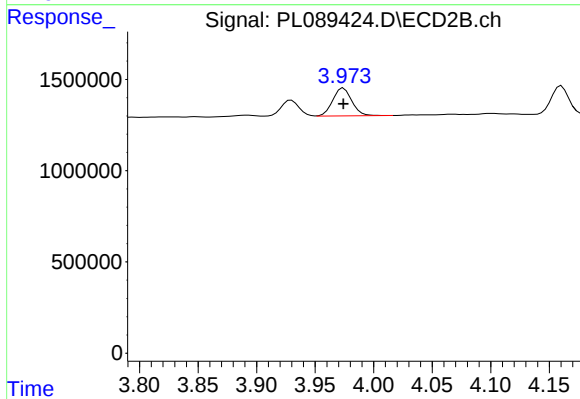
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 1872891
Conc: 1.01 ng/ml



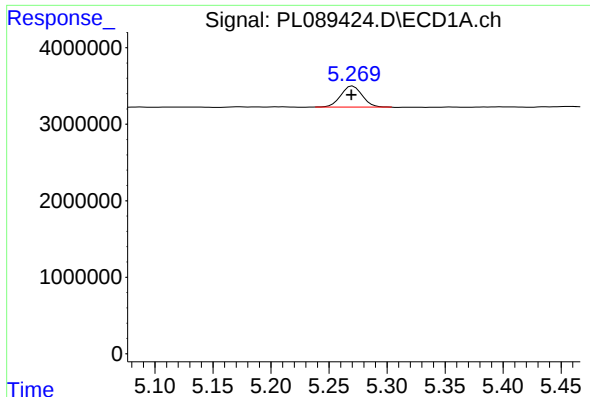
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 3725464
Conc: 1.50 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 1740963
Conc: 0.99 ng/ml



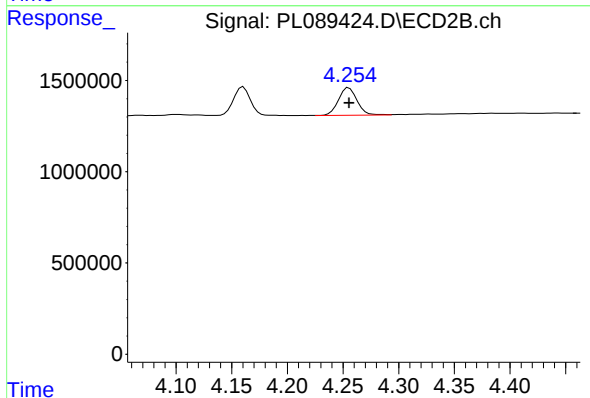
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 3518799
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
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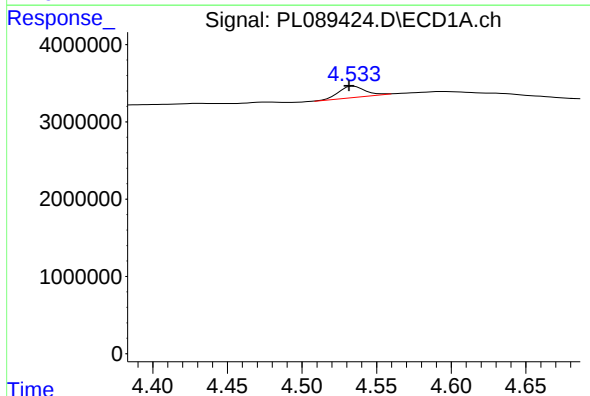
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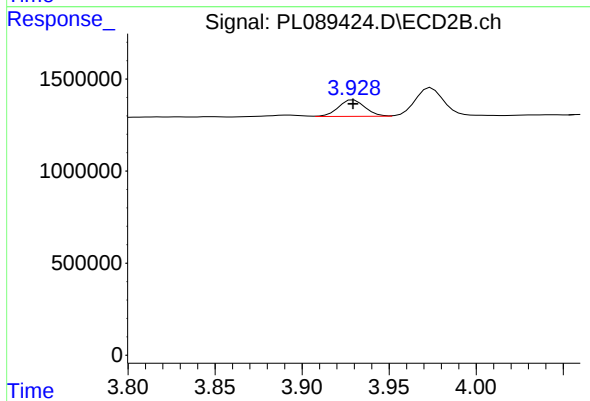
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 1765937
Conc: 1.00 ng/ml m



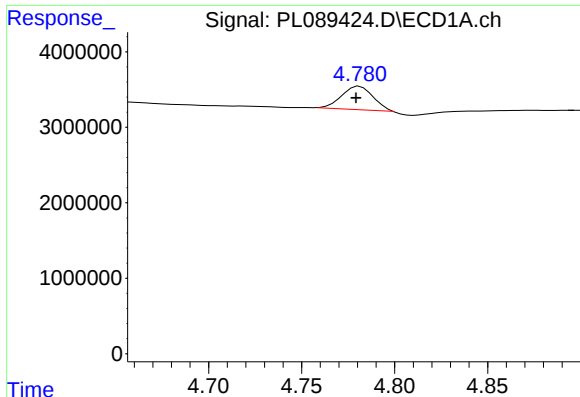
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 1888497
Conc: 1.50 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 952491
Conc: 1.17 ng/ml



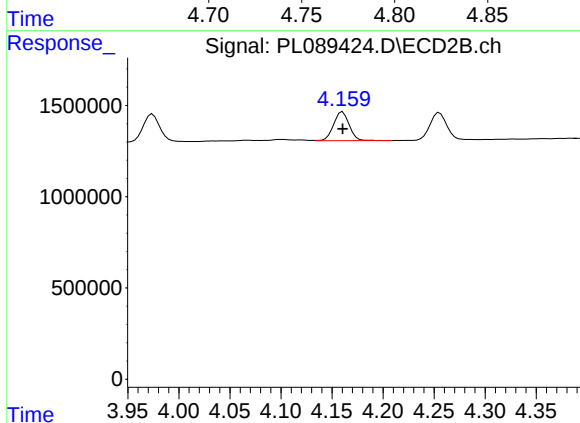
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 3599712
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

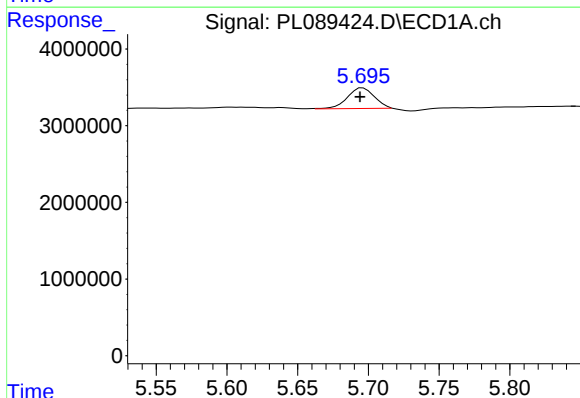
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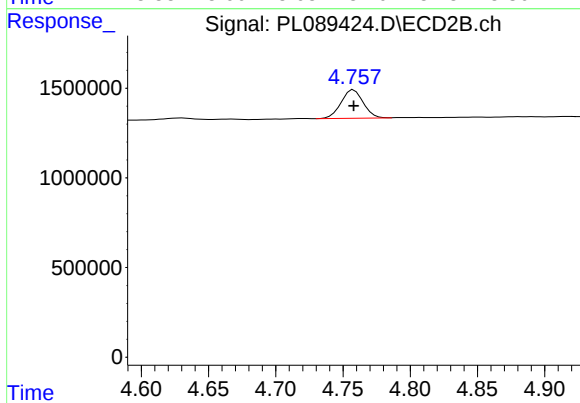
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 1683716
Conc: 0.94 ng/ml



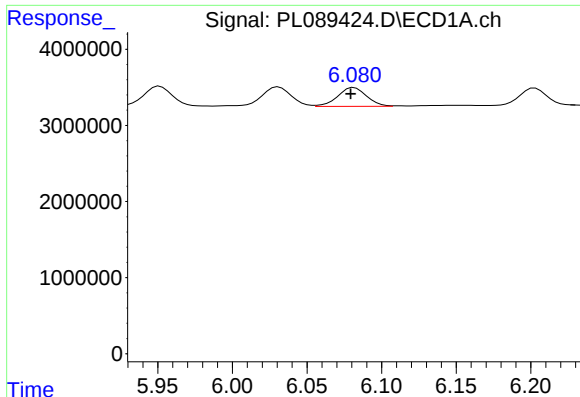
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 3565013
Conc: 1.52 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 1814530
Conc: 1.12 ng/ml



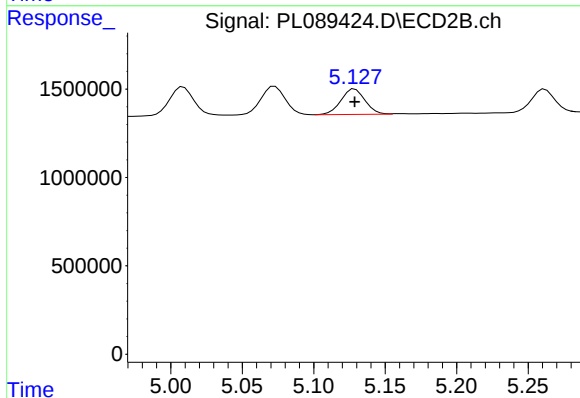
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 3346546
Conc: 1.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

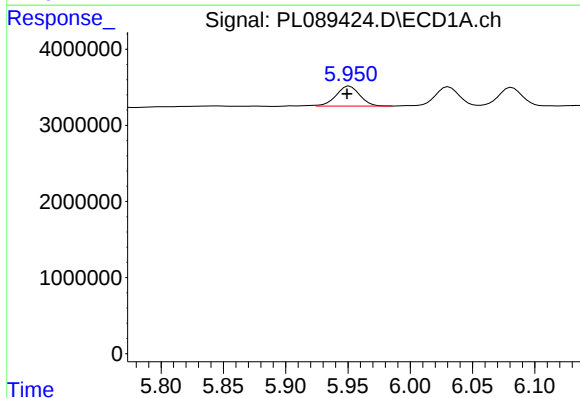
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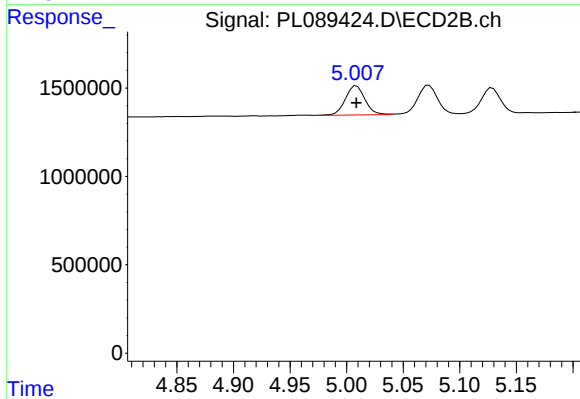
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1689775
Conc: 1.13 ng/ml



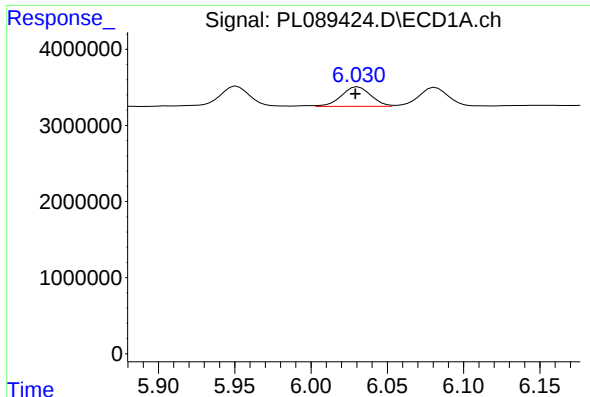
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 3468906
Conc: 1.52 ng/ml m



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1988098
Conc: 1.21 ng/ml



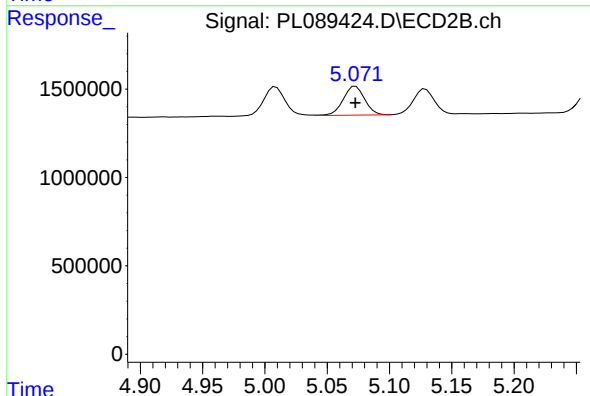
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 3431468
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

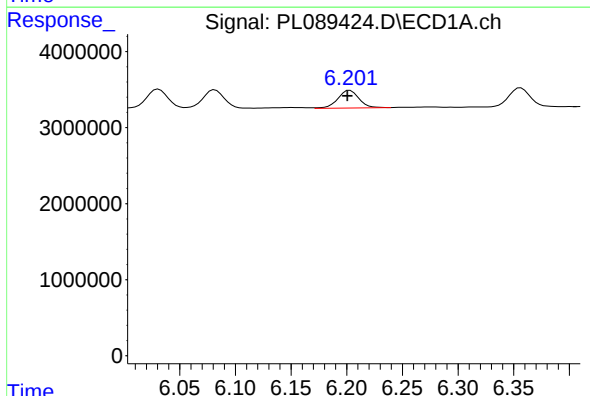
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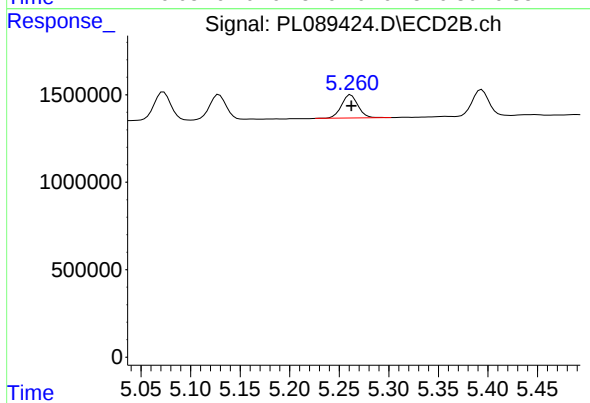
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1971349
Conc: 1.20 ng/ml



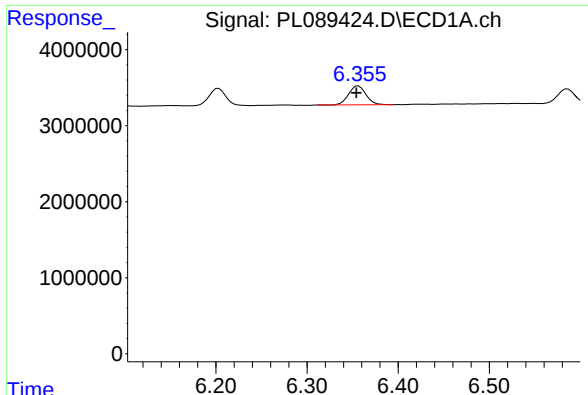
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 3067786
Conc: 1.52 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 1542559
Conc: 1.06 ng/ml



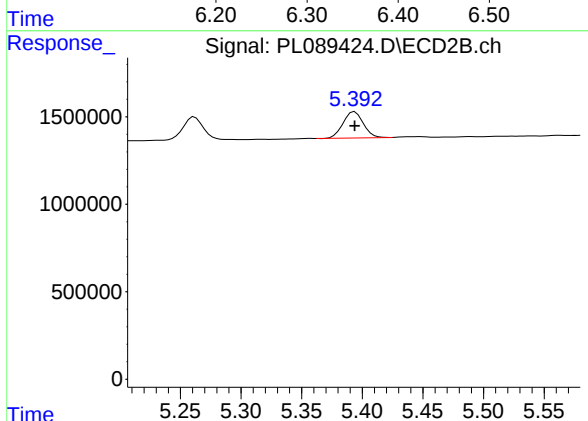
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 3318026
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

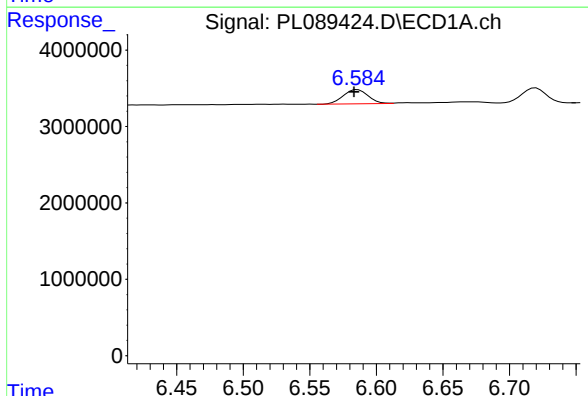
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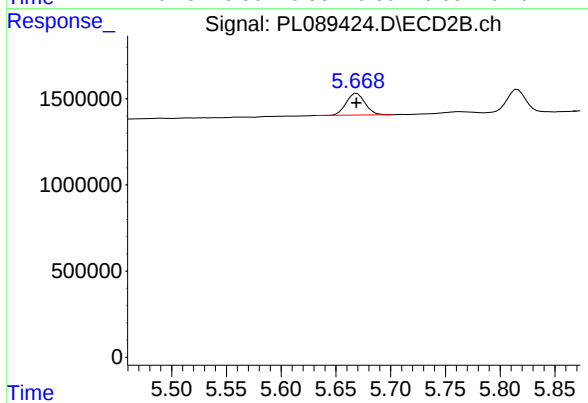
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 1746051
Conc: 1.09 ng/ml



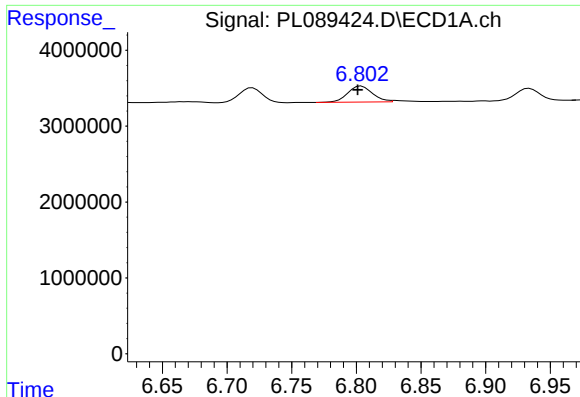
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 2403296
Conc: 1.27 ng/ml m



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 1511611
Conc: 1.05 ng/ml



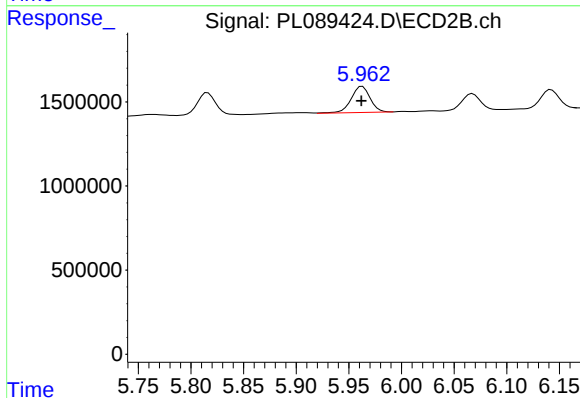
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 2862455
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
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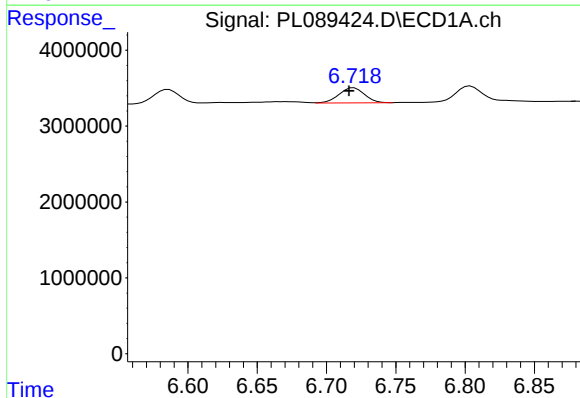
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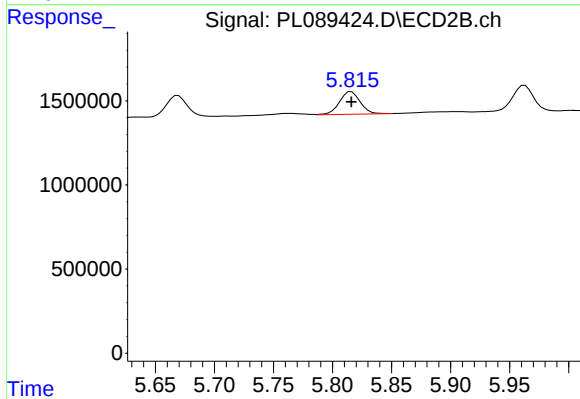
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 1945632
Conc: 1.35 ng/ml



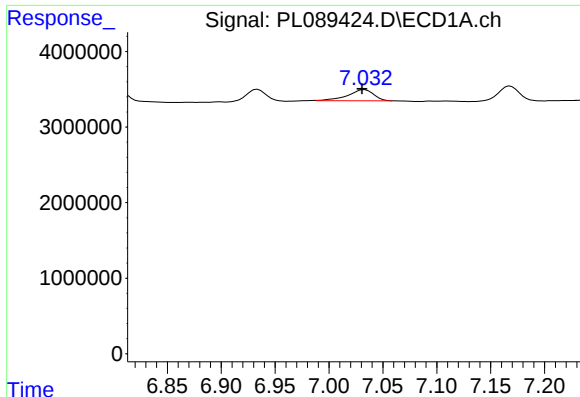
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 2552046
Conc: 1.51 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 1642185
Conc: 1.33 ng/ml



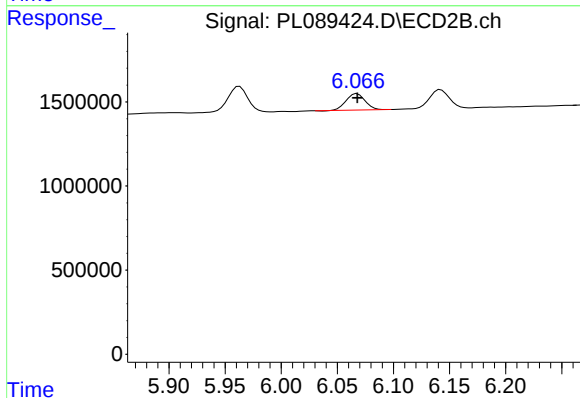
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 2442994
Conc: 1.33 ng/ml

Instrument :
ECD_L
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LOD-MDL-WATER-01-QT2-2024

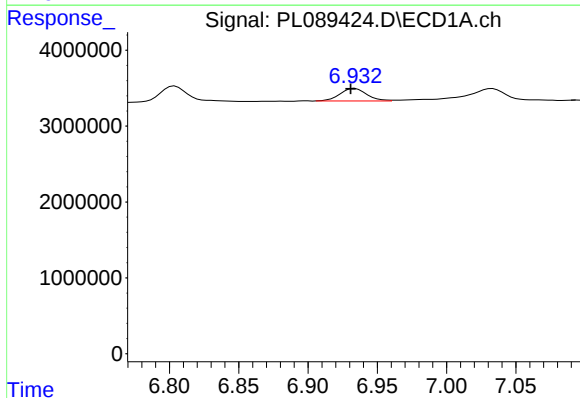
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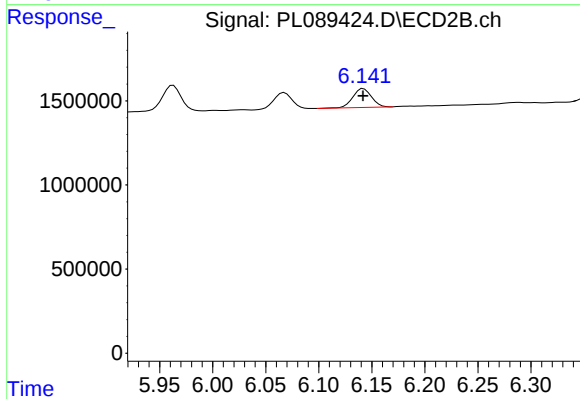
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 1150253
Conc: 0.85 ng/ml



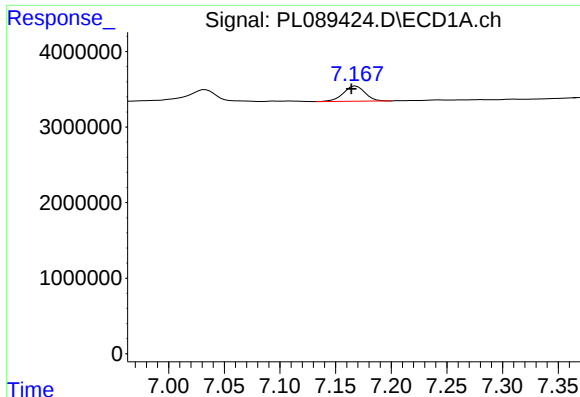
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 2288114
Conc: 1.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 1372539
Conc: 1.23 ng/ml



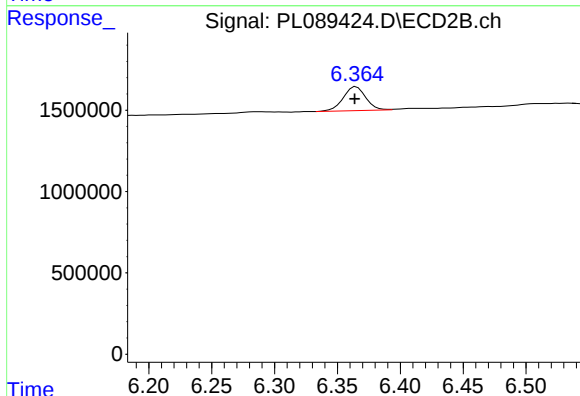
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 2724296
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

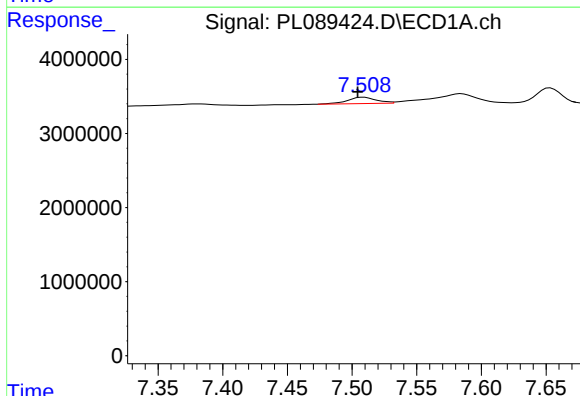
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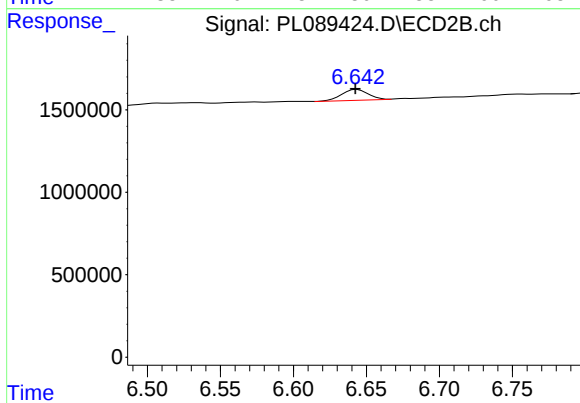
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 1848997
Conc: 1.33 ng/ml m



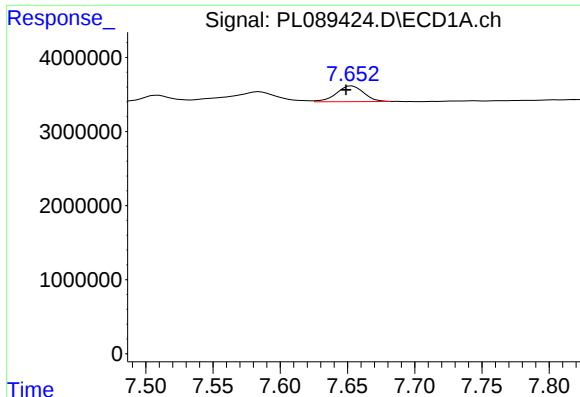
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 1320807
Conc: 1.34 ng/ml m



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 861029
Conc: 1.08 ng/ml m



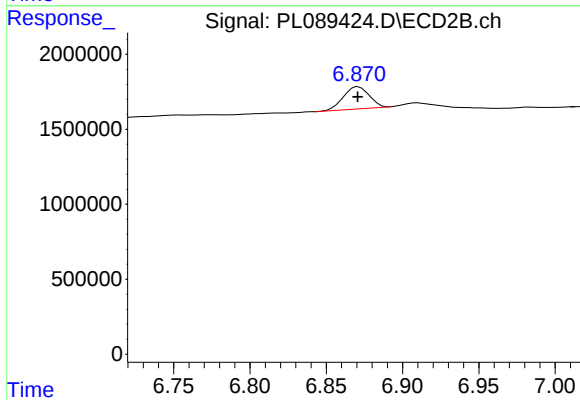
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 2969836
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

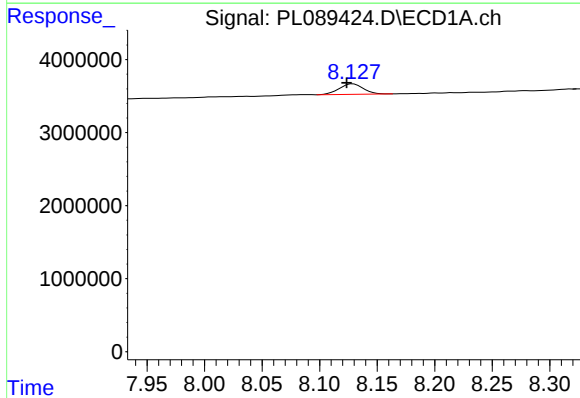
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



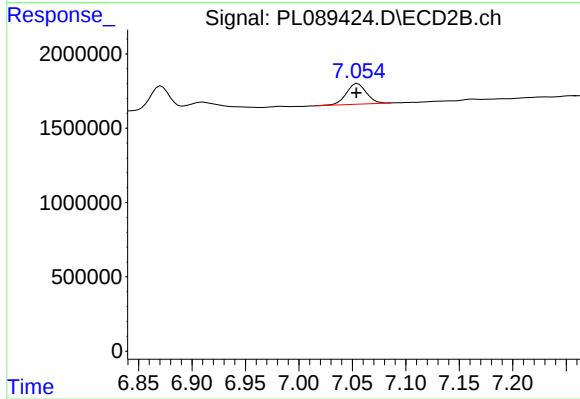
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 1737451
Conc: 1.09 ng/ml



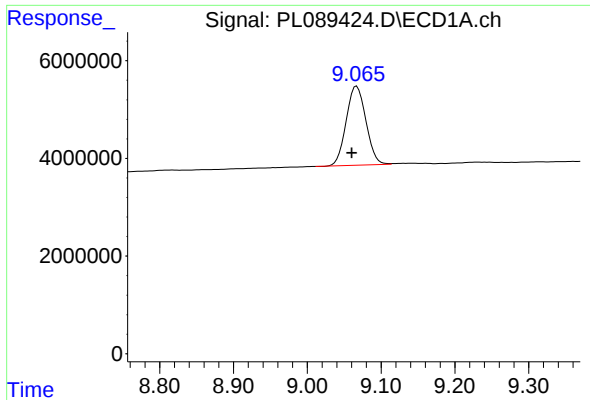
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.005 min
Response: 2106685
Conc: 1.36 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 1816931
Conc: 1.33 ng/ml



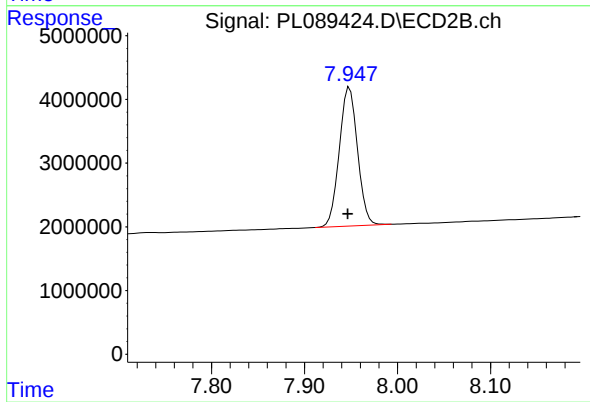
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 30068226
Conc: 21.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 29639722
Conc: 22.03 ng/ml