

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 16:04
 Operator : AR\AJ
 Sample : P1187-07
 Misc : PEST LOD 1PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/24/2024
 Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:30:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.419	2.673	61939997	26386734	20.690	21.783
28)	SA Decachlor...	8.976	7.858	66401302	30834011	23.315	24.340
Target Compounds							
2)	A alpha-BHC	3.875	3.175	3398251	1268179	0.757	0.688m
3)	MA gamma-BHC...	4.209	3.505	3530294	1412820	0.809	0.777m
4)	MA Heptachlor	4.802	3.847	4087097	1475997	0.930	0.829m
5)	MB Aldrin	5.144	4.128	3852587	1398862	0.899	0.793
6)	B beta-BHC	4.410	3.807	2257185	739511	1.213	0.967m
7)	B delta-BHC	4.654	4.038	3549770	1268100	0.844m	0.731
8)	B Heptachlo...	5.573	4.635	3717825	1467281	0.970m	0.921m
9)	A Endosulfan I	5.961	5.007	3776472	1332260	1.047	0.861
10)	B gamma-Chl...	5.831	4.889	4086740	1582394	1.057m	0.980
11)	B alpha-Chl...	5.913	4.954	3941493	1602216	1.026	0.965
12)	B 4,4'-DDE	6.093	5.151	3015846	1114289	0.943	0.828
13)	MA Dieldrin	6.238	5.274	3562130	1378507	0.956	0.867
14)	MA Endrin	6.468	5.550	3034457	1331785	0.966	0.939
15)	B Endosulfa...	6.690	5.846	3554482	1486178	1.108	1.086m
16)	A 4,4'-DDD	6.613	5.710	3228067	961828	1.252m	0.853 #
17)	MA 4,4'-DDT	6.931	5.963	3126505	1084254	1.093	0.871
18)	B Endrin al...	6.822	6.030	2662445	1139505	1.059	0.980
19)	B Endosulfa...	7.057	6.254	3464155	1314995	1.133m	1.002
20)	A Methoxychlor	7.417	6.549	1735692	705857	1.069	0.959
21)	B Endrin ke...	7.545	6.760	3394144	1427965	1.044	0.931
22)	Mirex	8.023	6.941	3287197	1523389	1.172	1.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
Data File : PL087913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 16:04
Operator : AR\AJ
Sample : P1187-07
Misc : PEST LOD 1PPB
ALS Vial : 14 Sample Multiplier: 1

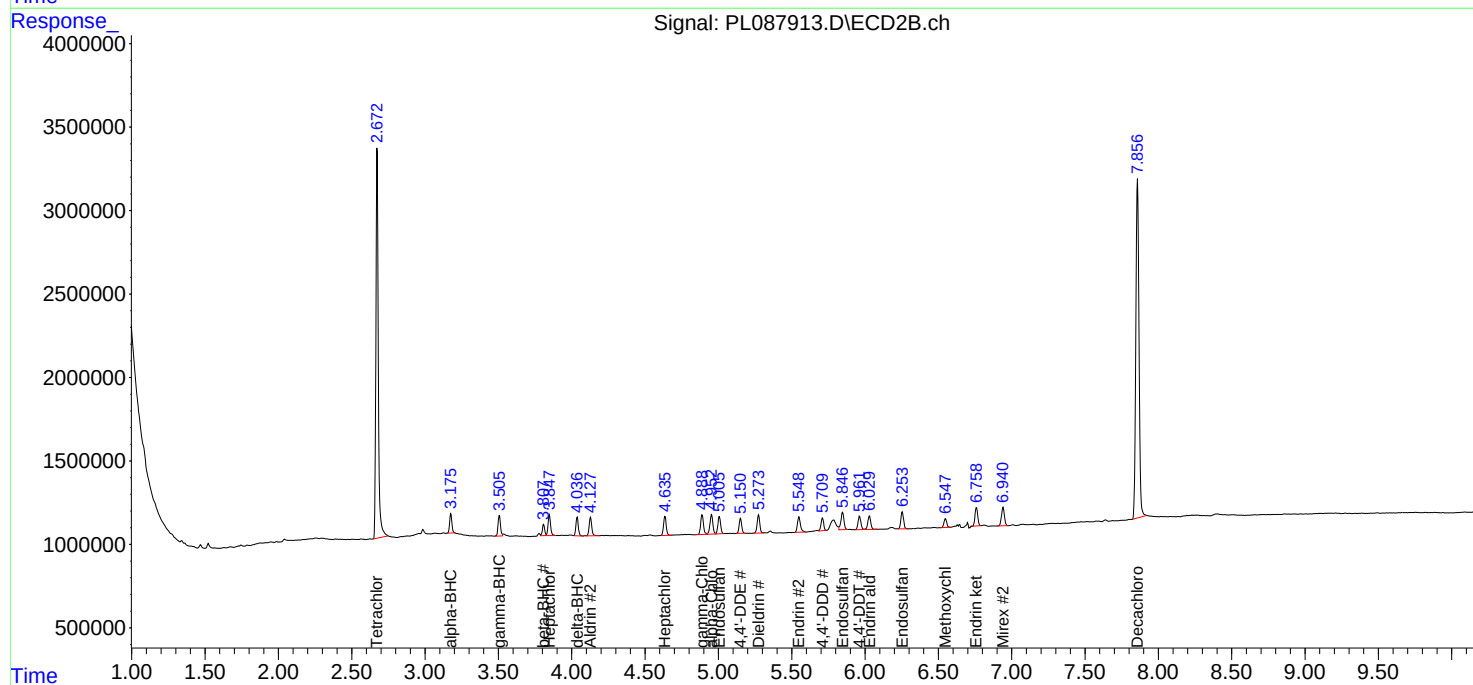
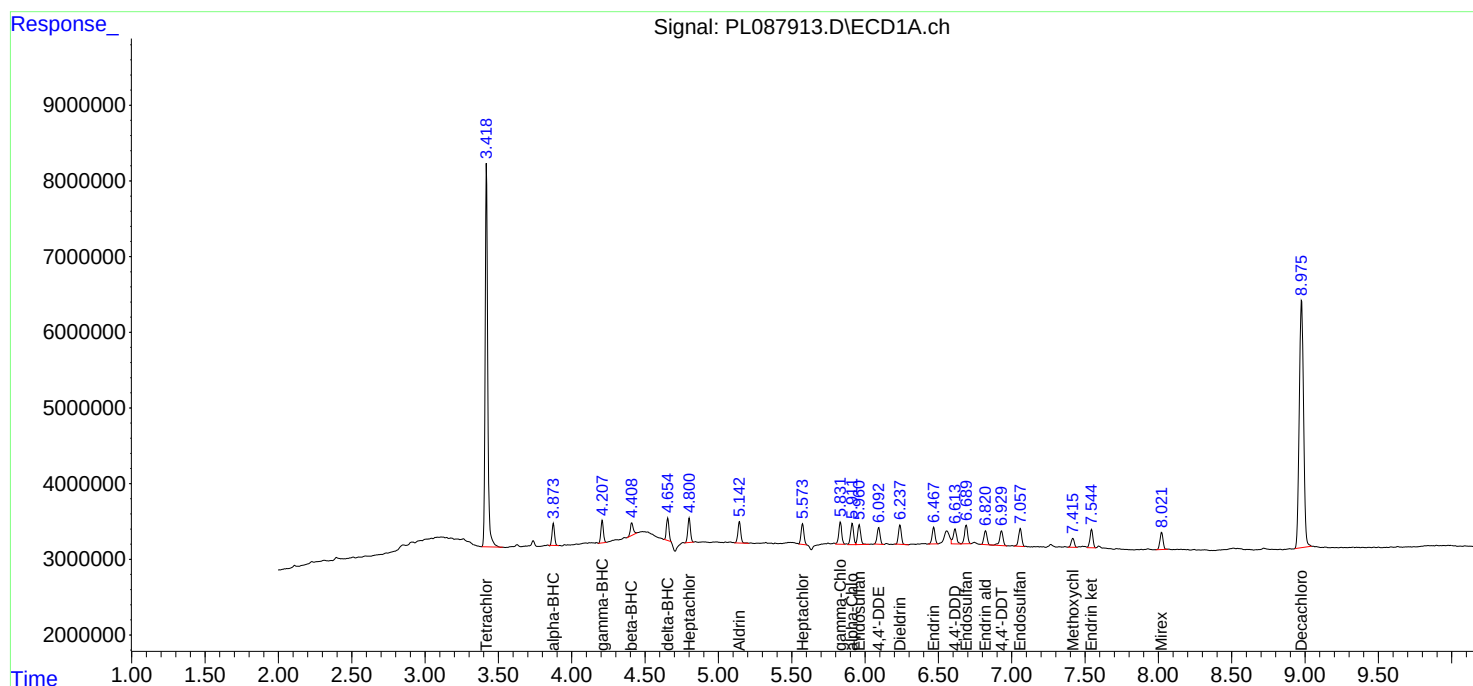
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

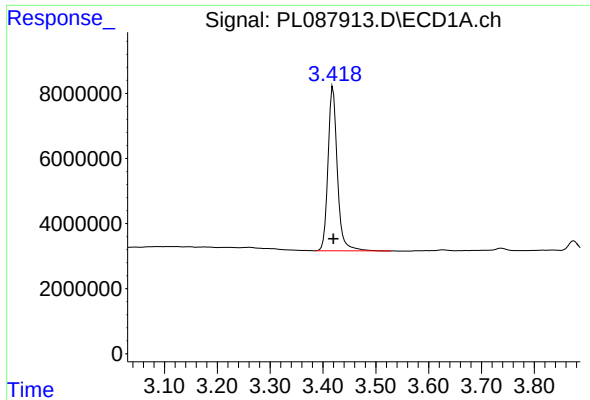
Manual Integrations
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Supervised By : Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:30:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 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





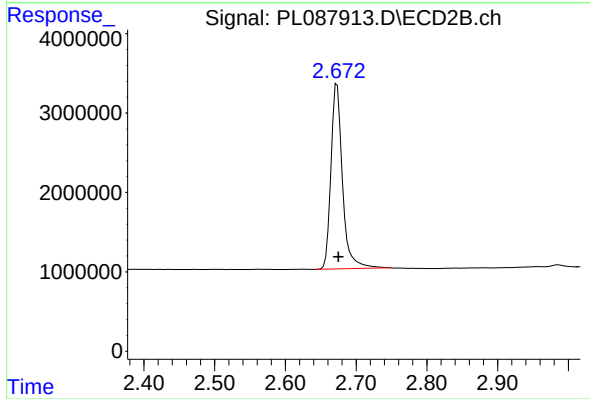
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 61939997
Conc: 20.69 ng/ml

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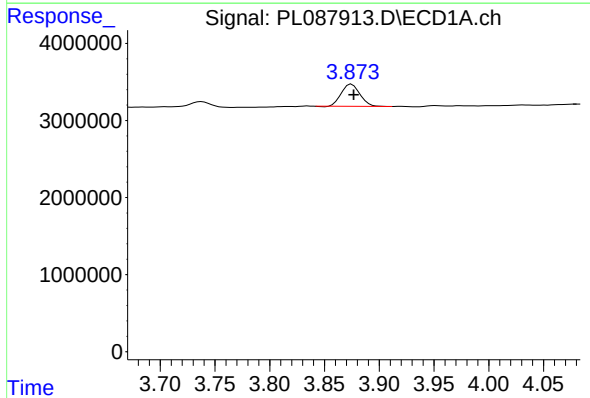
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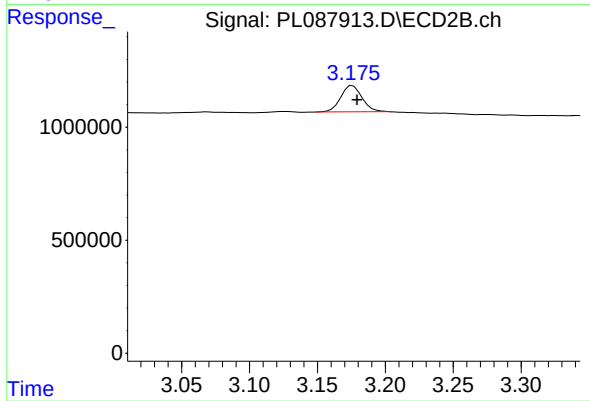
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 26386734
Conc: 21.78 ng/ml



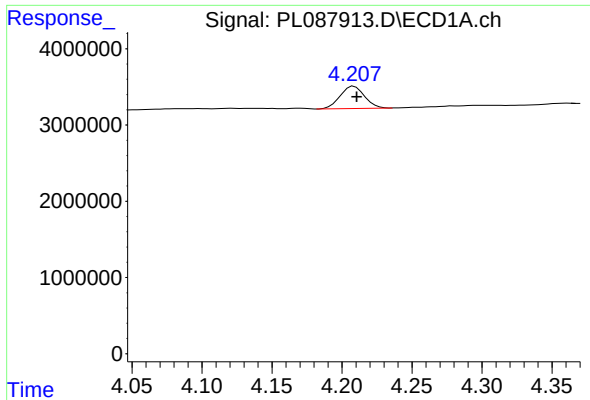
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 3398251
Conc: 0.76 ng/ml



#2 alpha-BHC

R.T.: 3.175 min
Delta R.T.: -0.005 min
Response: 1268179
Conc: 0.69 ng/ml m



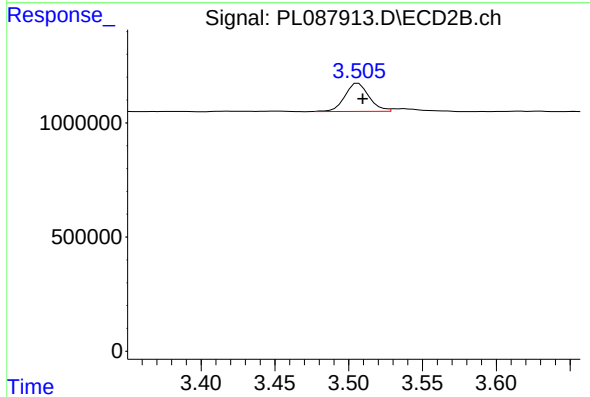
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 3530294
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

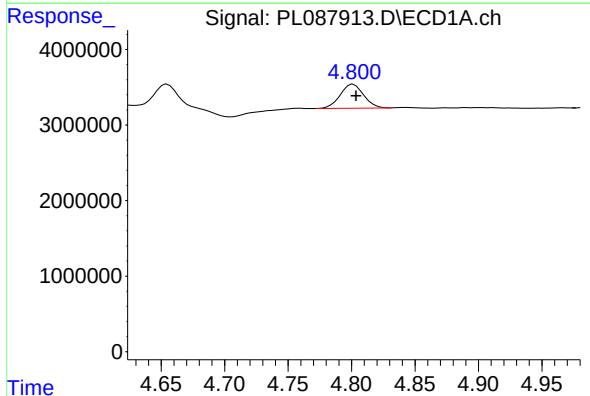
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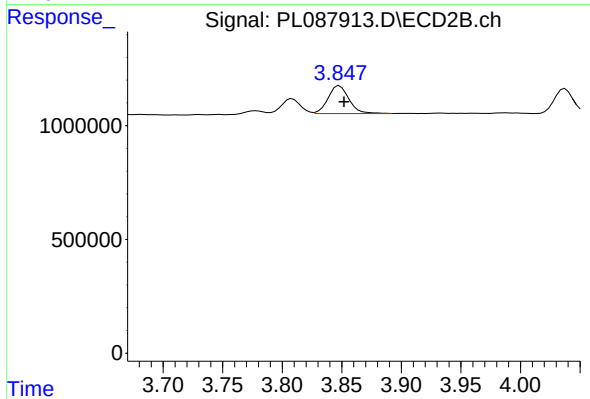
#3 gamma-BHC (Lindane)

R.T.: 3.505 min
Delta R.T.: -0.004 min
Response: 1412820
Conc: 0.78 ng/ml m



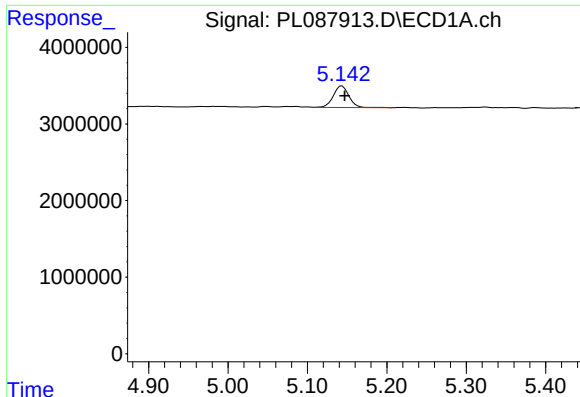
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 4087097
Conc: 0.93 ng/ml



#4 Heptachlor

R.T.: 3.847 min
Delta R.T.: -0.005 min
Response: 1475997
Conc: 0.83 ng/ml m



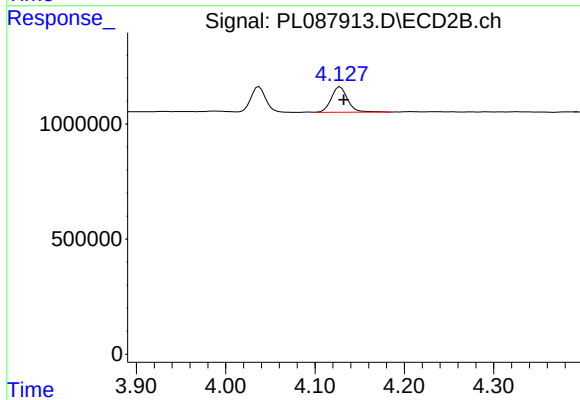
#5 Aldrin

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 3852587
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

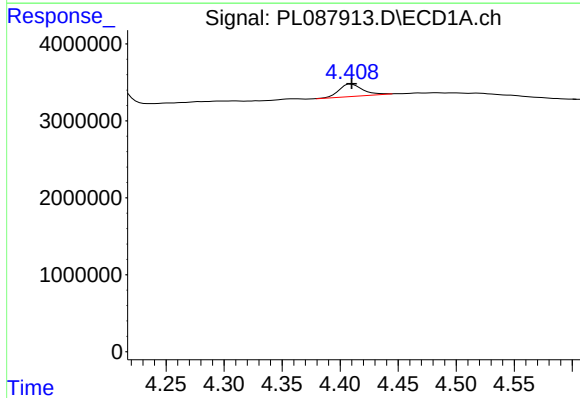
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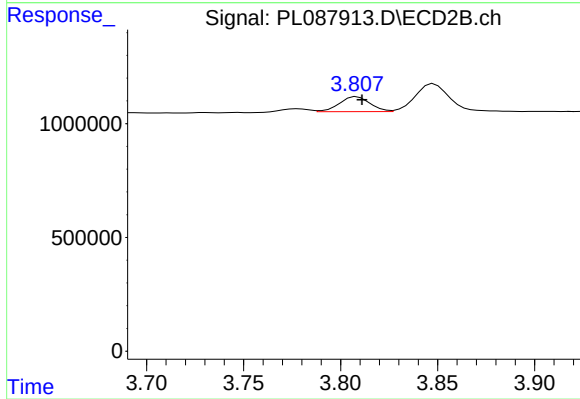
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.004 min
Response: 1398862
Conc: 0.79 ng/ml



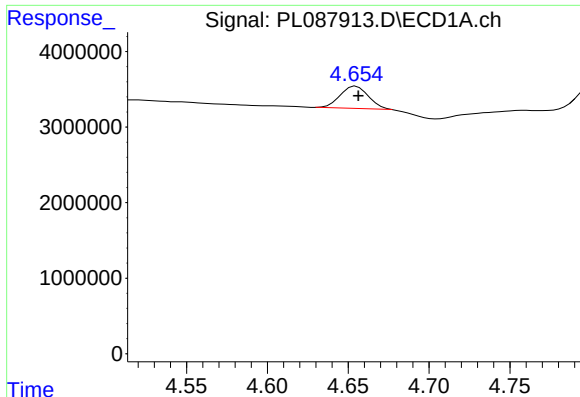
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 2257185
Conc: 1.21 ng/ml



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: -0.004 min
Response: 739511
Conc: 0.97 ng/ml m



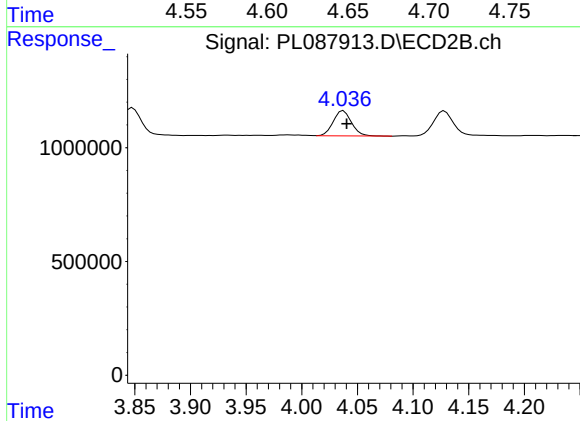
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: -0.003 min
Response: 3549770
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

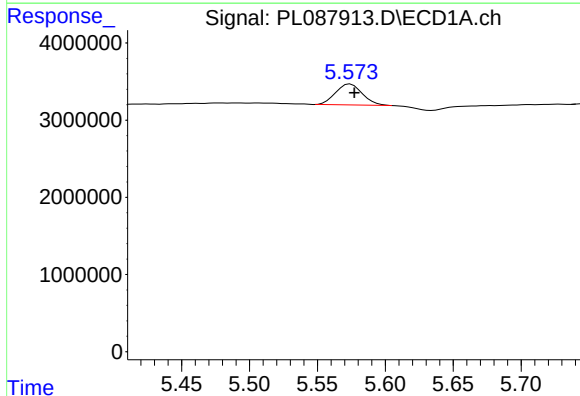
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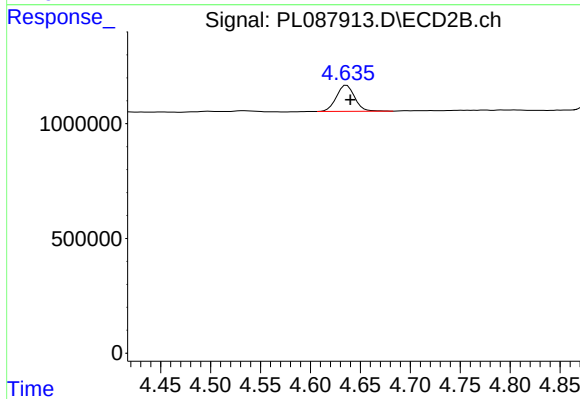
#7 delta-BHC

R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 1268100
Conc: 0.73 ng/ml



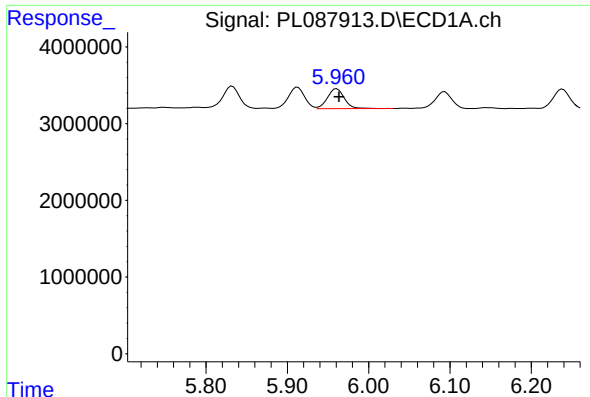
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 3717825
Conc: 0.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 1467281
Conc: 0.92 ng/ml m



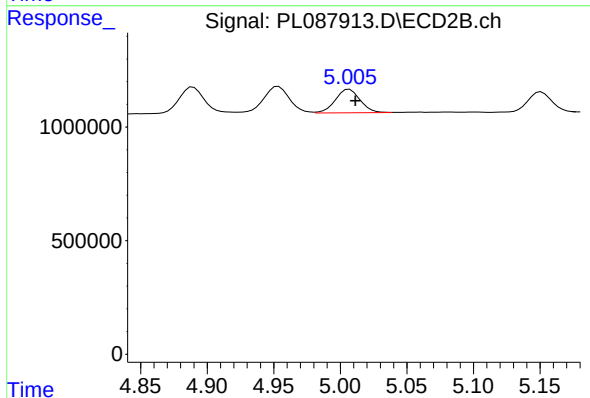
#9 Endosulfan I

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 3776472
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

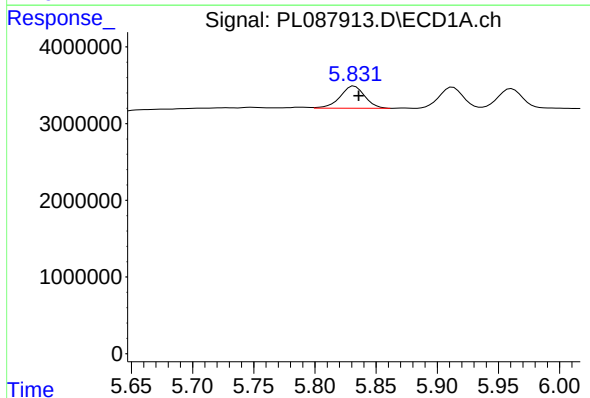
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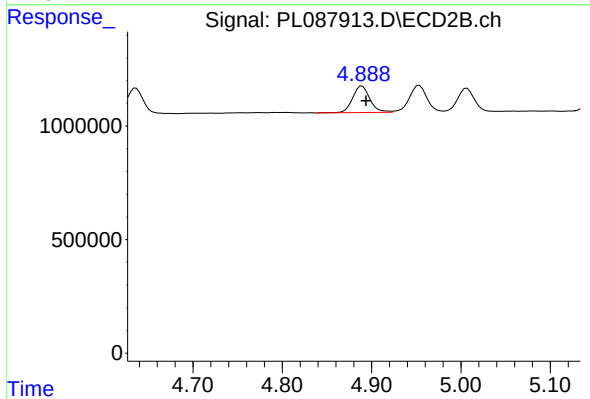
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 1332260
Conc: 0.86 ng/ml



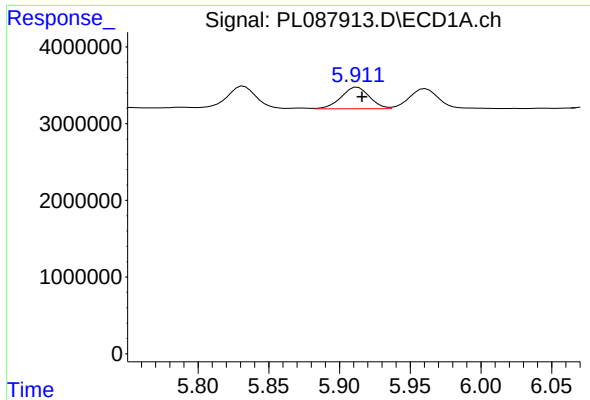
#10 gamma-Chlordane

R.T.: 5.831 min
Delta R.T.: -0.005 min
Response: 4086740
Conc: 1.06 ng/ml m



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.004 min
Response: 1582394
Conc: 0.98 ng/ml



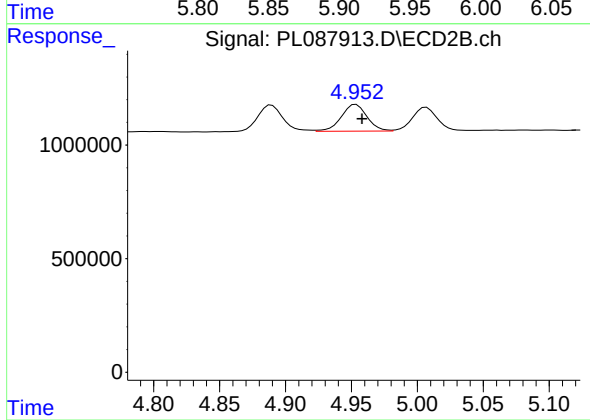
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 3941493
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

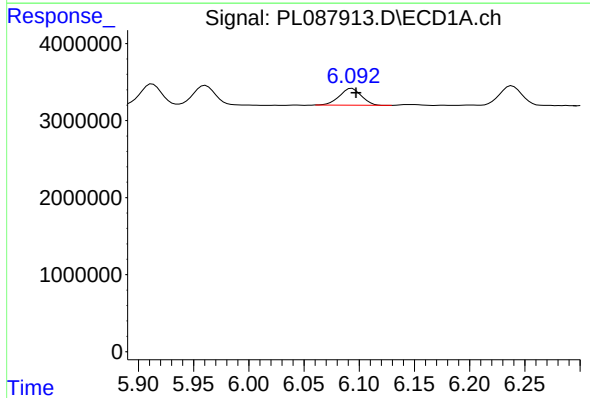
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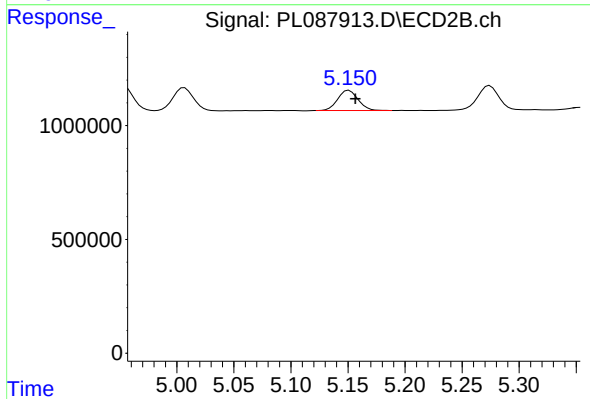
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.004 min
Response: 1602216
Conc: 0.97 ng/ml



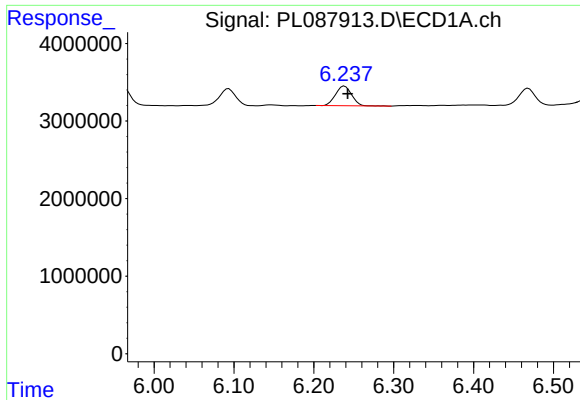
#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 3015846
Conc: 0.94 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.006 min
Response: 1114289
Conc: 0.83 ng/ml



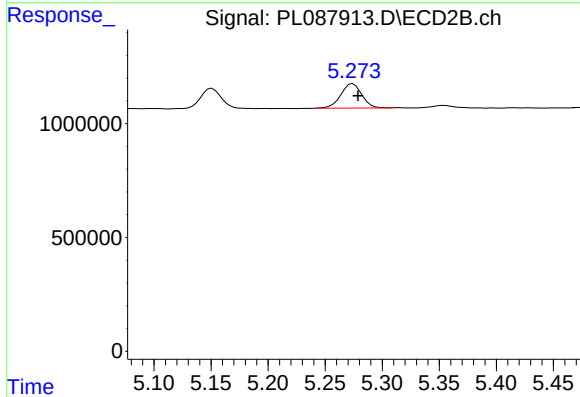
#13 Dieldrin

R.T.: 6.238 min
Delta R.T.: -0.004 min
Response: 3562130
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

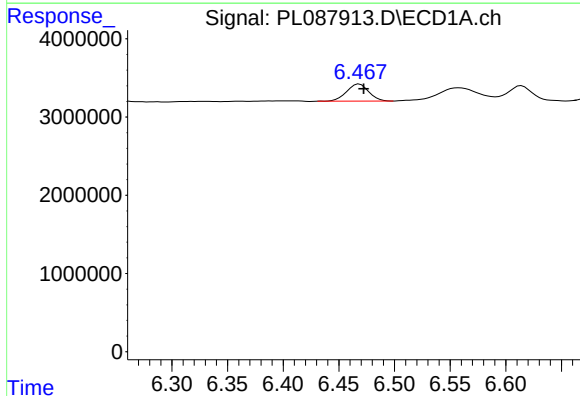
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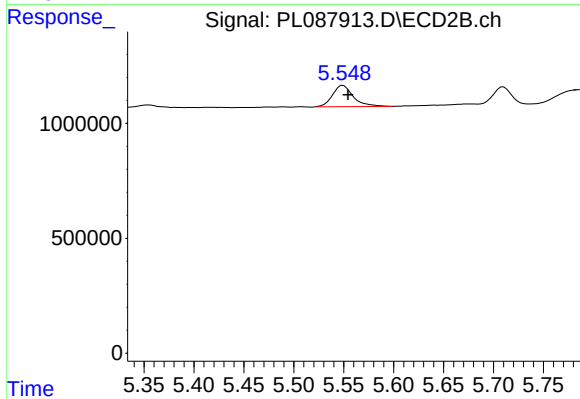
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 1378507
Conc: 0.87 ng/ml



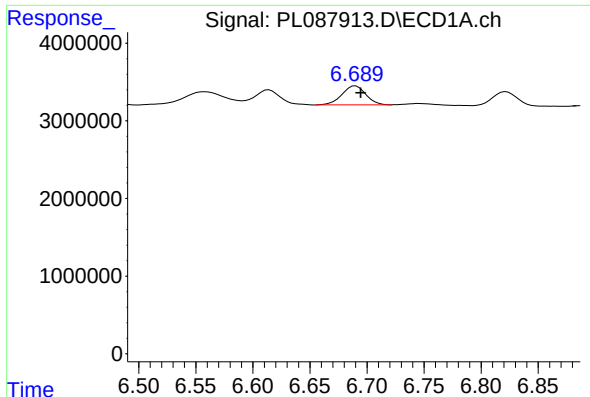
#14 Endrin

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 3034457
Conc: 0.97 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.005 min
Response: 1331785
Conc: 0.94 ng/ml



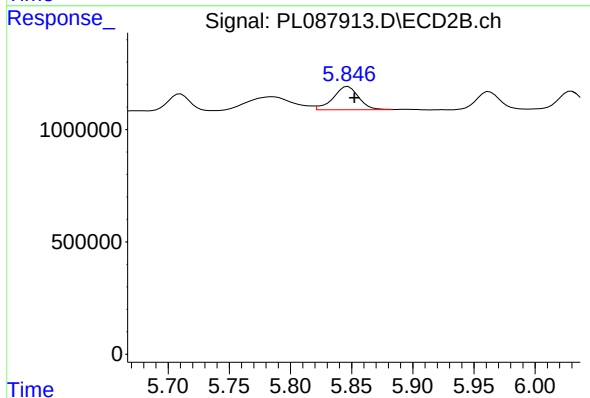
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 3554482
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

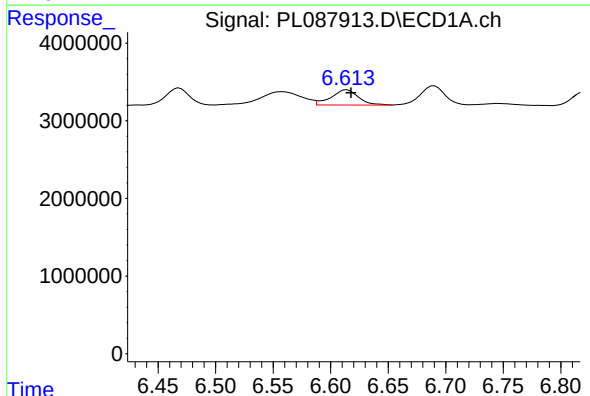
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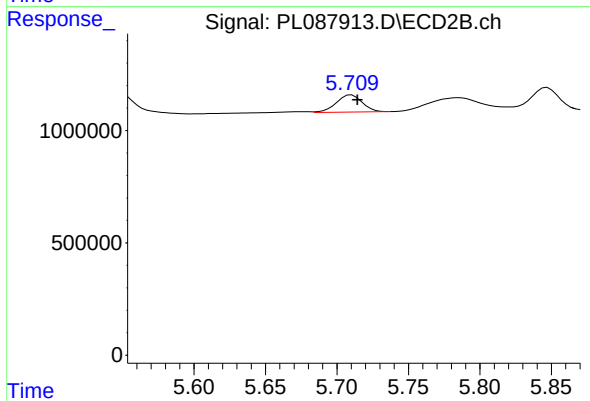
#15 Endosulfan II

R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 1486178
Conc: 1.09 ng/ml m



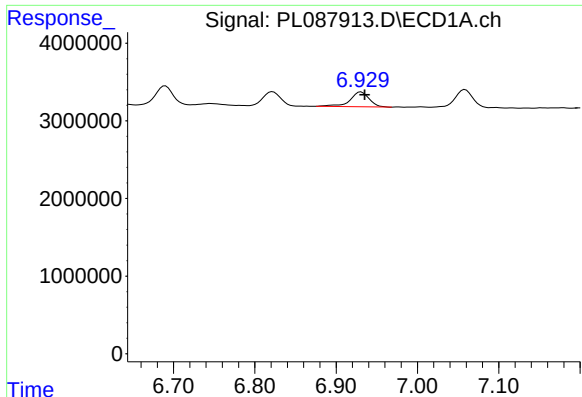
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 3228067
Conc: 1.25 ng/ml m



#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 961828
Conc: 0.85 ng/ml



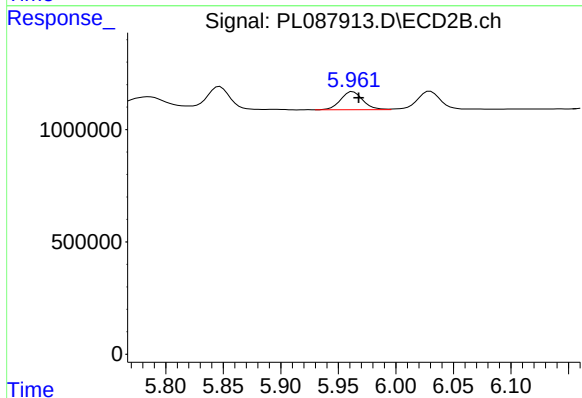
#17 4,4'-DDT

R.T.: 6.931 min
Delta R.T.: -0.004 min
Response: 3126505
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

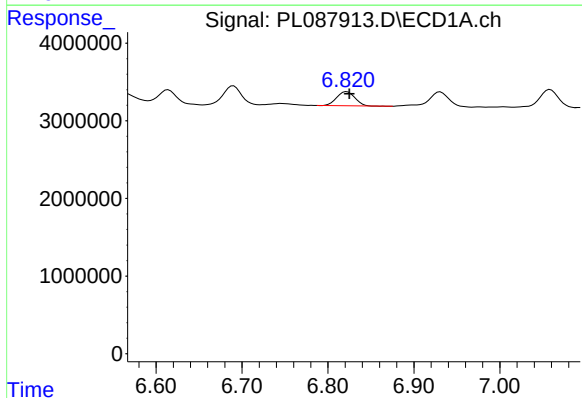
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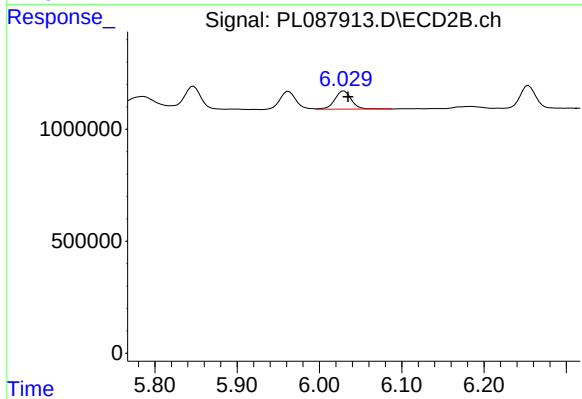
#17 4,4'-DDT

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 1084254
Conc: 0.87 ng/ml



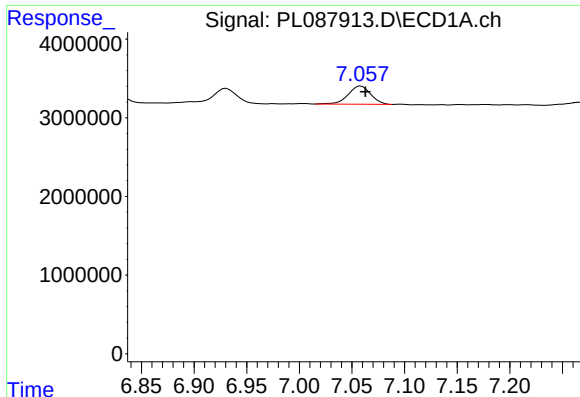
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 2662445
Conc: 1.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 1139505
Conc: 0.98 ng/ml



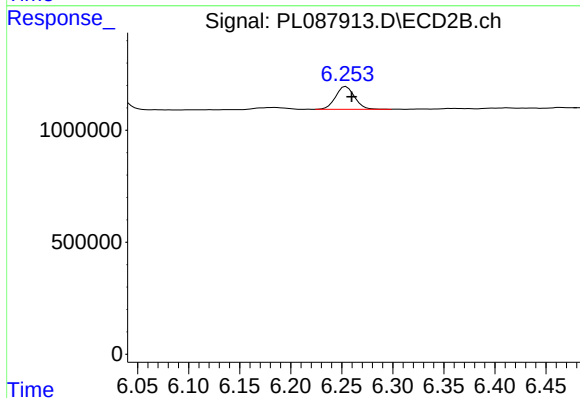
#19 Endosulfan Sulfate

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 3464155
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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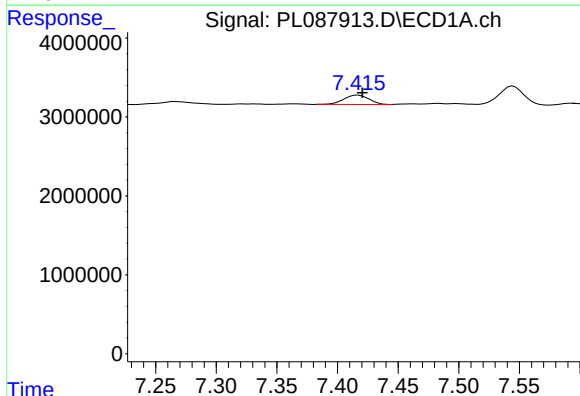
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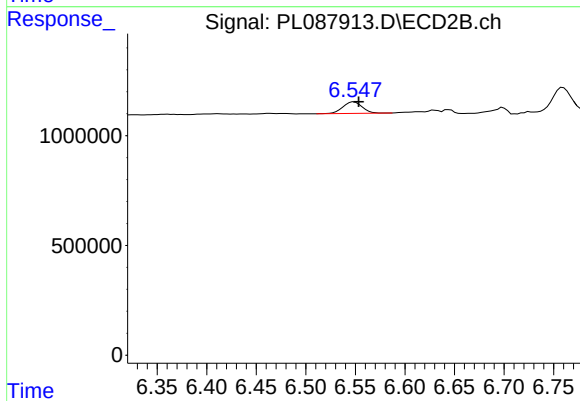
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 1314995
Conc: 1.00 ng/ml



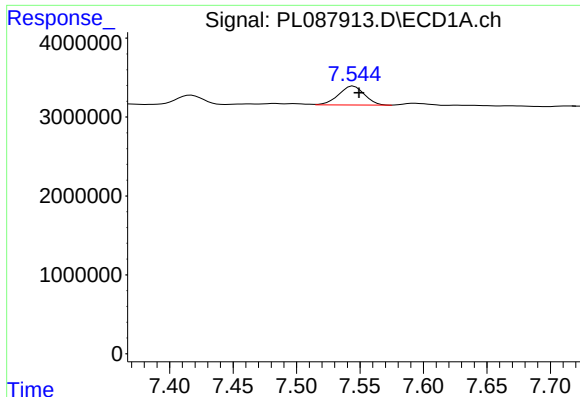
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.004 min
Response: 1735692
Conc: 1.07 ng/ml



#20 Methoxychlor

R.T.: 6.549 min
Delta R.T.: -0.005 min
Response: 705857
Conc: 0.96 ng/ml



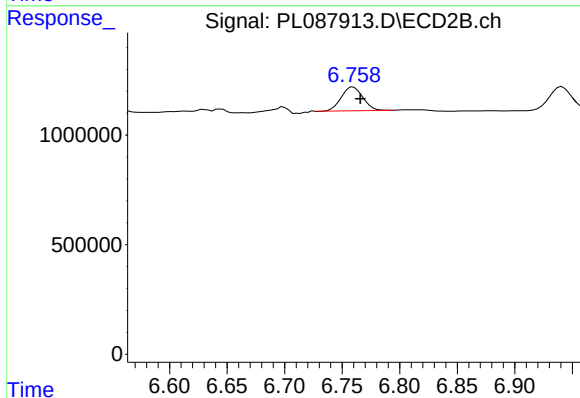
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.005 min
Response: 3394144
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

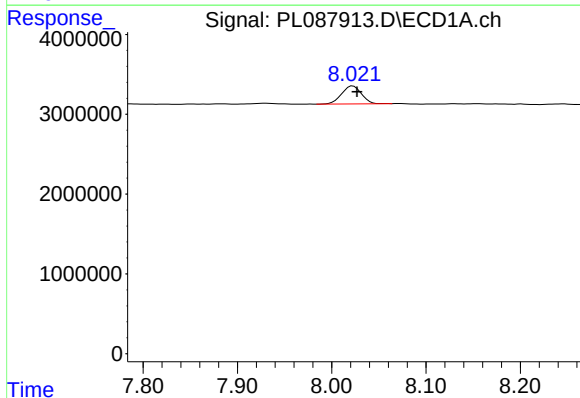
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/24/2024
Supervised By :Ankita Jodhani 01/24/2024



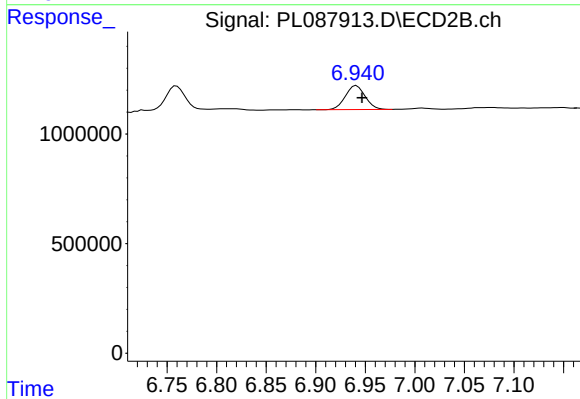
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 1427965
Conc: 0.93 ng/ml



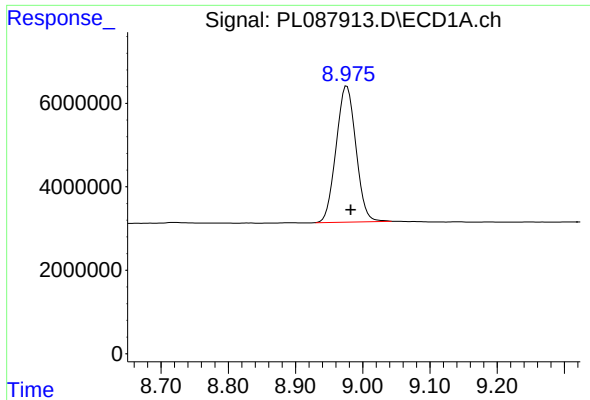
#22 Mirex

R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 3287197
Conc: 1.17 ng/ml



#22 Mirex

R.T.: 6.941 min
Delta R.T.: -0.006 min
Response: 1523389
Conc: 1.14 ng/ml



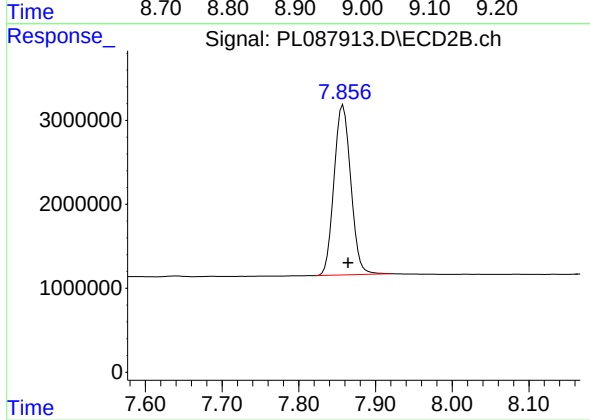
#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.006 min
Response: 66401302
Conc: 23.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.007 min
Response: 30834011
Conc: 24.34 ng/ml