

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 15:50
 Operator : AR\AJ
 Sample : P1187-01
 Misc : PEST LOD 1PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-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 00:30:46 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	63579963	27235456	21.237	22.484
28)	SA Decachlor...	8.977	7.859	67491678	31570340	23.698	24.921
Target Compounds							
2)	A alpha-BHC	3.875	3.175	3750138	1377061	0.836	0.747m
3)	MA gamma-BHC...	4.208	3.507	3804847	1524081	0.872	0.839
4)	MA Heptachlor	4.801	3.847	4627588	1630553	1.053	0.916m
5)	MB Aldrin	5.144	4.127	3962818	1474344	0.925	0.835m
6)	B beta-BHC	4.408	3.808	2321489	805978	1.248m	1.054m
7)	B delta-BHC	4.654	4.038	4049821	1373816	0.962m	0.791
8)	B Heptachlo...	5.573	4.636	4003615	1600998	1.045m	1.005
9)	A Endosulfan I	5.961	5.007	4038318	1460398	1.120	0.944
10)	B gamma-Chl...	5.831	4.889	4336133	1715202	1.122m	1.063
11)	B alpha-Chl...	5.913	4.953	4298367	1718703	1.119	1.036
12)	B 4,4'-DDE	6.094	5.151	3247619	1200918	1.016	0.893
13)	MA Dieldrin	6.239	5.274	3855020	1501389	1.035	0.945
14)	MA Endrin	6.469	5.549	3259547	1421735	1.038	1.003
15)	B Endosulfa...	6.691	5.845	3609102	1573765	1.125	1.150m
16)	A 4,4'-DDD	6.613	5.709	2974596	1029484	1.154m	0.913
17)	MA 4,4'-DDT	6.930	5.962	3362592	1191294	1.176m	0.957
18)	B Endrin al...	6.822	6.029	2824978	1299737	1.123	1.118
19)	B Endosulfa...	7.059	6.254	3421821	1437991	1.119	1.095
20)	A Methoxychlor	7.417	6.547	1811811	800058	1.116	1.087
21)	B Endrin ke...	7.545	6.760	3543008	1517235	1.089	0.990
22)	Mirex	8.022	6.941	3572189	1669731	1.274	1.245

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

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Data File : PL087912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 15:50
Operator : AR\AJ
Sample : P1187-01
Misc : PEST LOD 1PPB
ALS Vial : 13 Sample Multiplier: 1

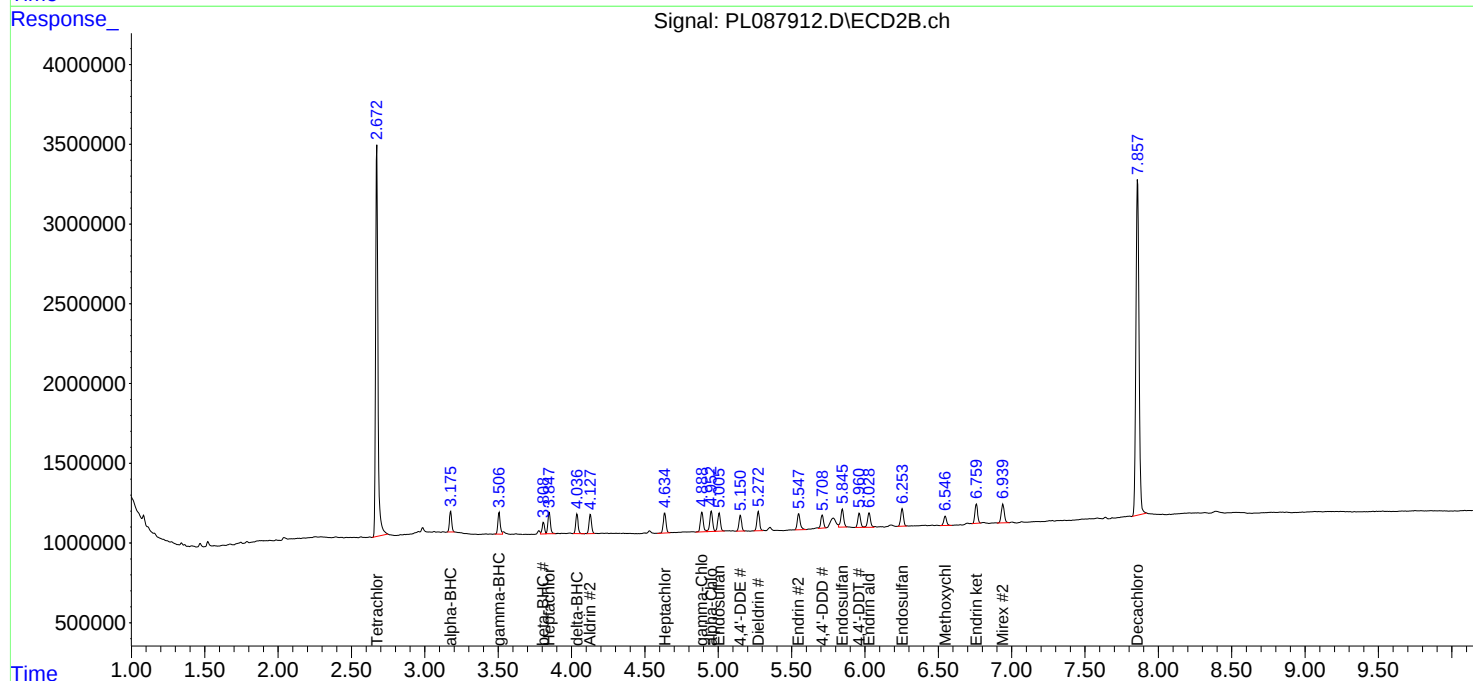
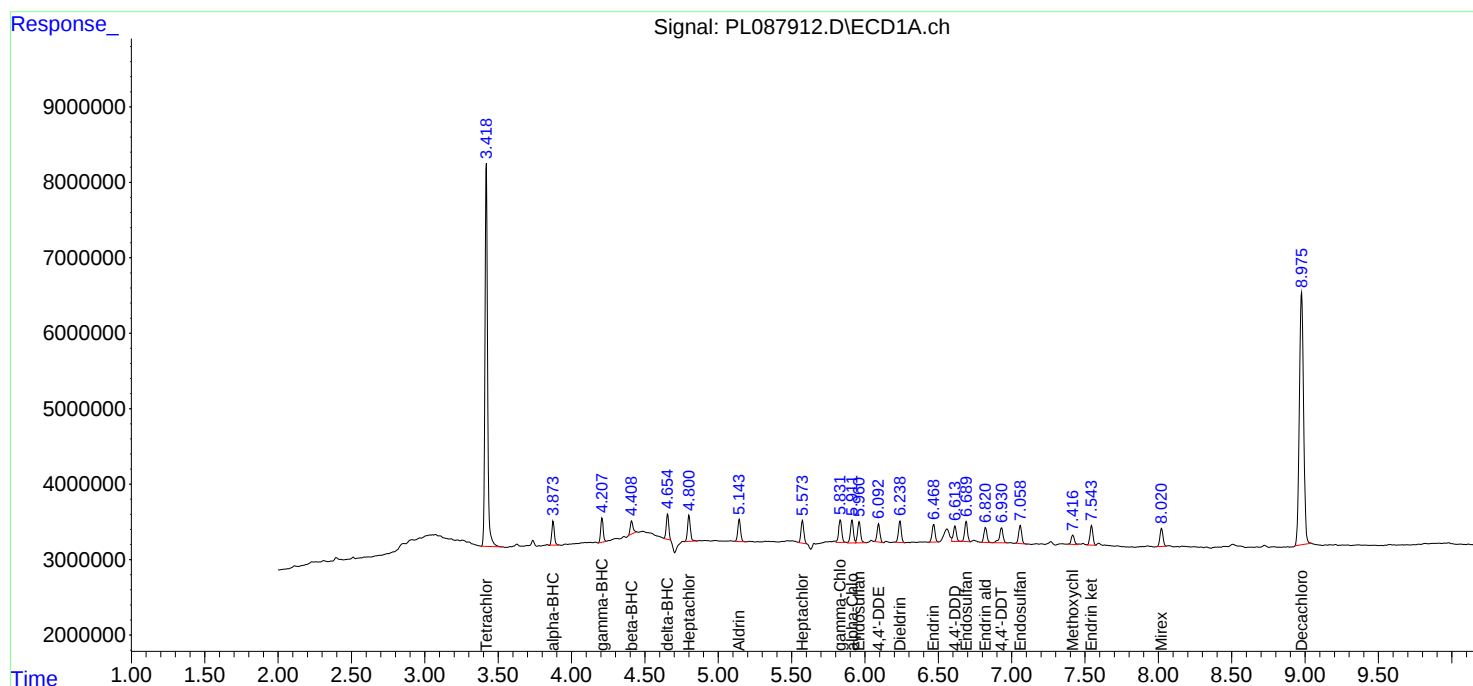
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

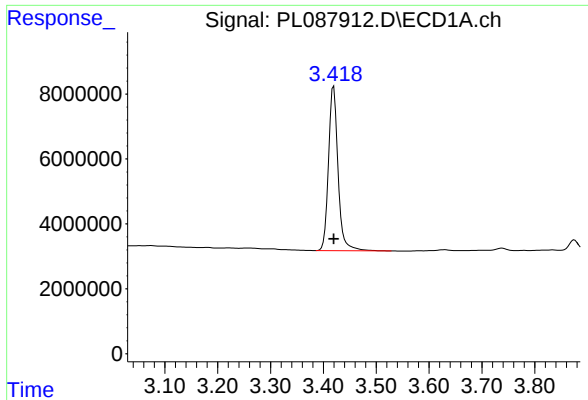
Manual Integrations
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Reviewed By : Abdul Mirza 01/24/2024
Supervised By : Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:30:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
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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





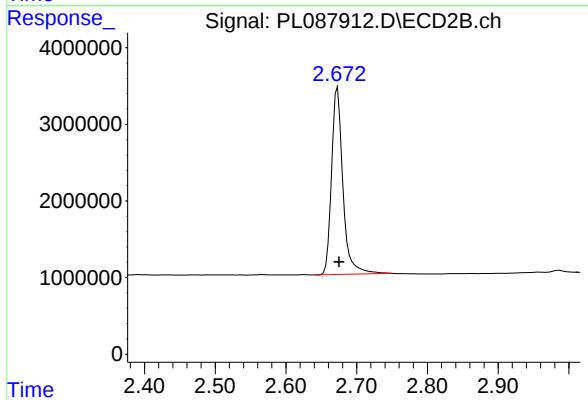
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 63579963
Conc: 21.24 ng/ml

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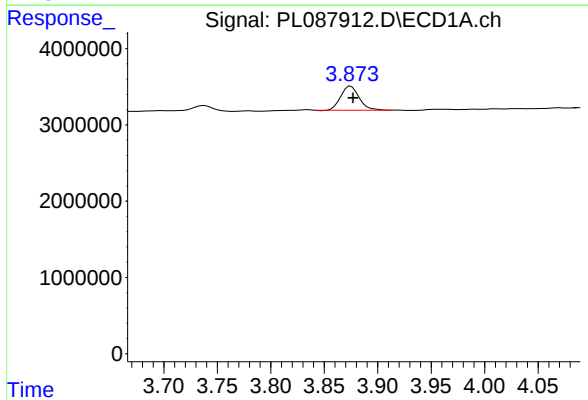
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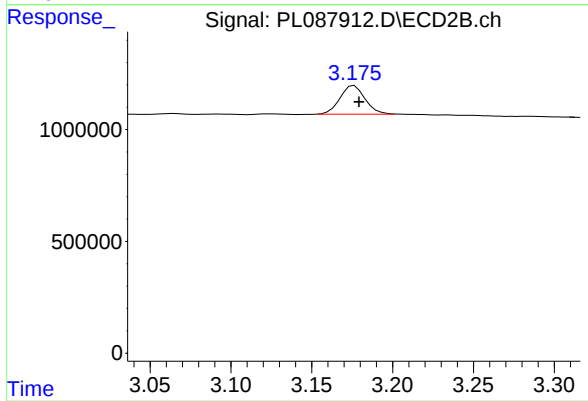
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 27235456
Conc: 22.48 ng/ml



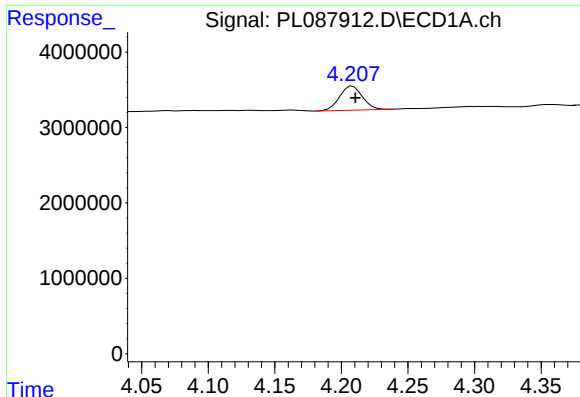
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 3750138
Conc: 0.84 ng/ml



#2 alpha-BHC

R.T.: 3.175 min
Delta R.T.: -0.004 min
Response: 1377061
Conc: 0.75 ng/ml m



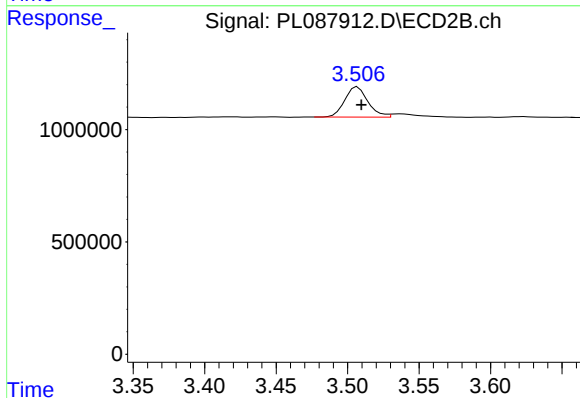
#3 gamma-BHC (Lindane)

R.T.: 4.208 min
Delta R.T.: -0.002 min
Response: 3804847
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
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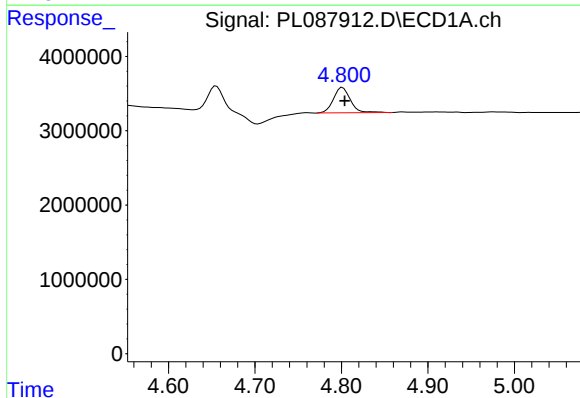
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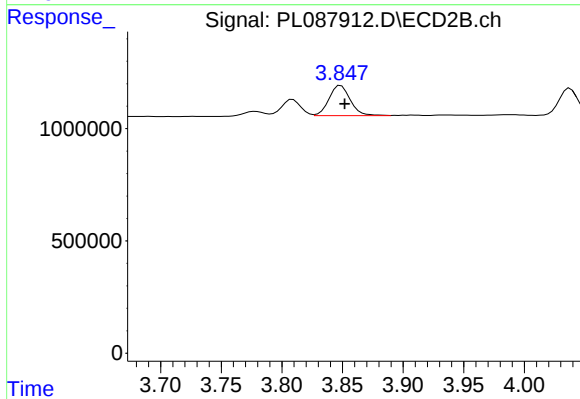
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.003 min
Response: 1524081
Conc: 0.84 ng/ml



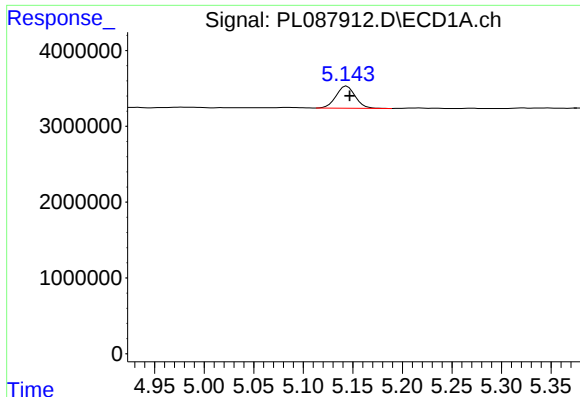
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 4627588
Conc: 1.05 ng/ml



#4 Heptachlor

R.T.: 3.847 min
Delta R.T.: -0.005 min
Response: 1630553
Conc: 0.92 ng/ml m



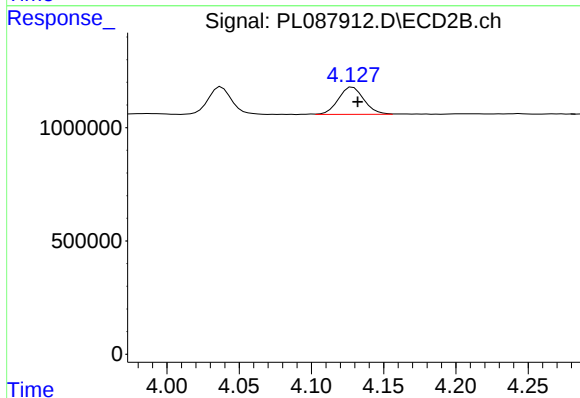
#5 Aldrin

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 3962818
Conc: 0.92 ng/ml

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

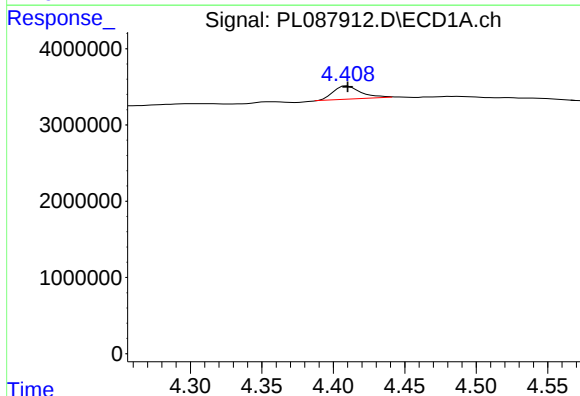
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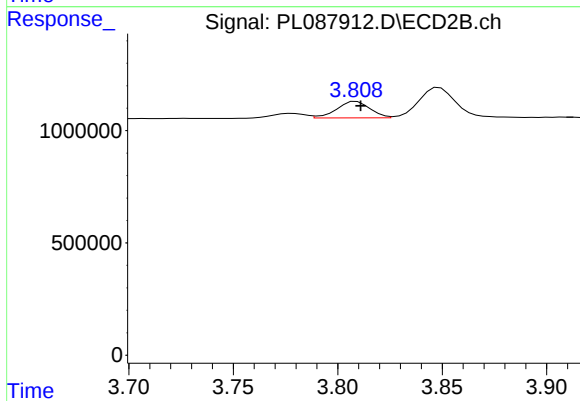
#5 Aldrin

R.T.: 4.127 min
Delta R.T.: -0.005 min
Response: 1474344
Conc: 0.84 ng/ml m



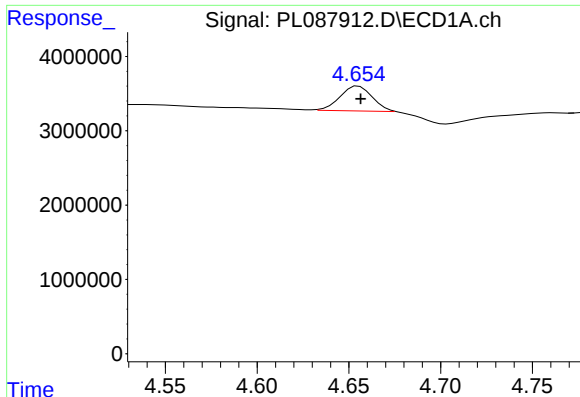
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: -0.002 min
Response: 2321489
Conc: 1.25 ng/ml m



#6 beta-BHC

R.T.: 3.808 min
Delta R.T.: -0.003 min
Response: 805978
Conc: 1.05 ng/ml m



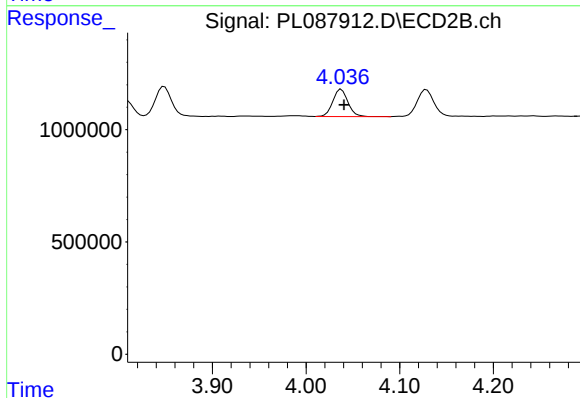
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 4049821
Conc: 0.96 ng/ml

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

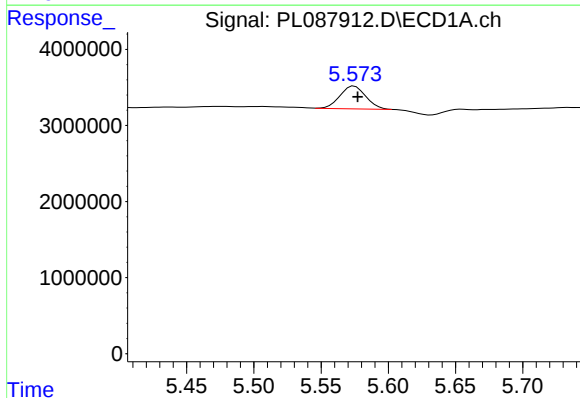
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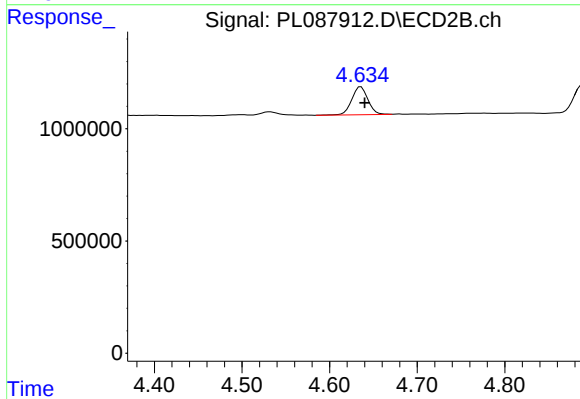
#7 delta-BHC

R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 1373816
Conc: 0.79 ng/ml



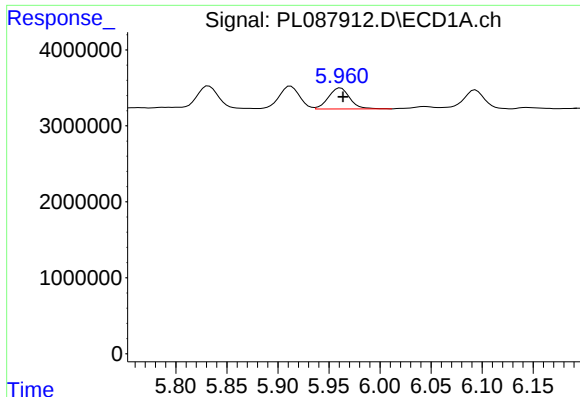
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 4003615
Conc: 1.04 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.636 min
Delta R.T.: -0.004 min
Response: 1600998
Conc: 1.00 ng/ml



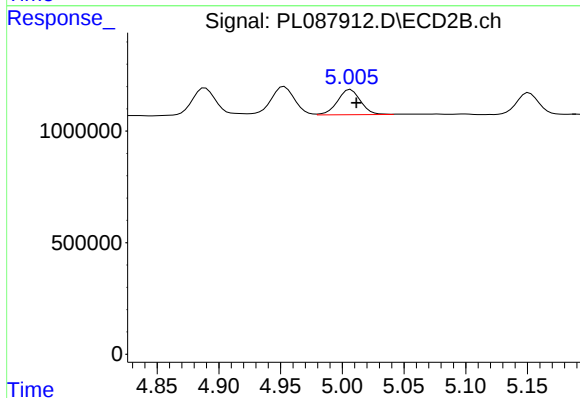
#9 Endosulfan I

R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 4038318
Conc: 1.12 ng/ml

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

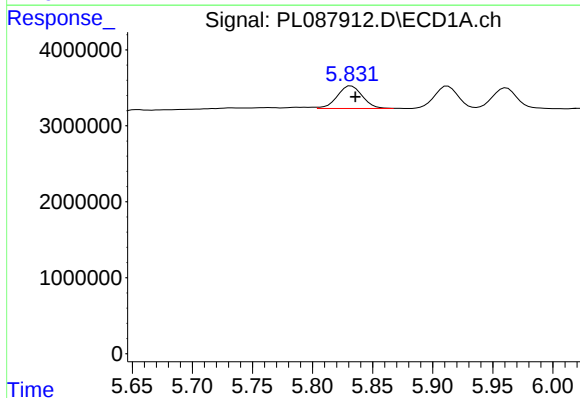
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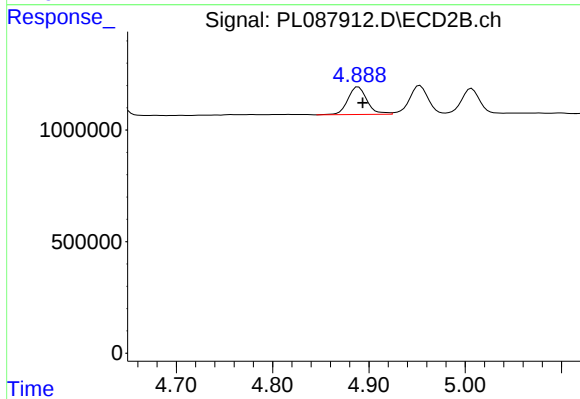
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 1460398
Conc: 0.94 ng/ml



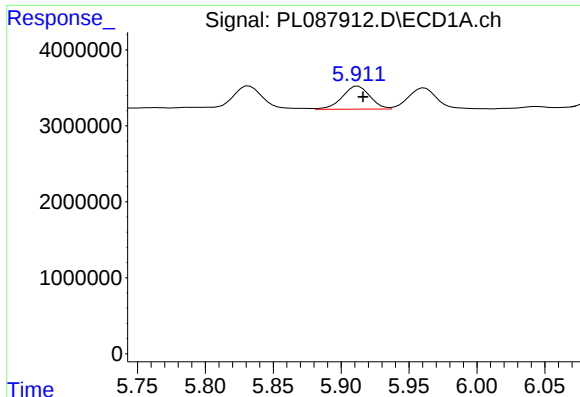
#10 gamma-Chlordane

R.T.: 5.831 min
Delta R.T.: -0.005 min
Response: 4336133
Conc: 1.12 ng/ml m



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 1715202
Conc: 1.06 ng/ml



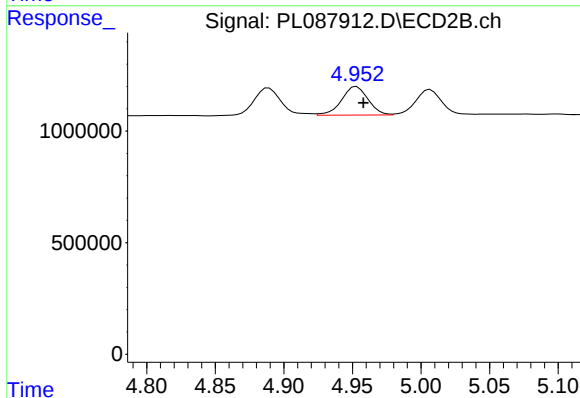
#11 alpha-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 4298367
Conc: 1.12 ng/ml

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

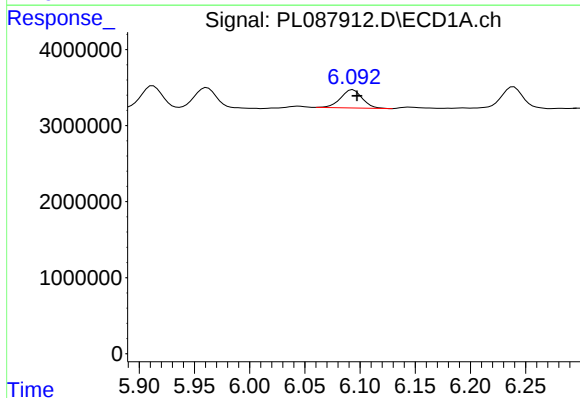
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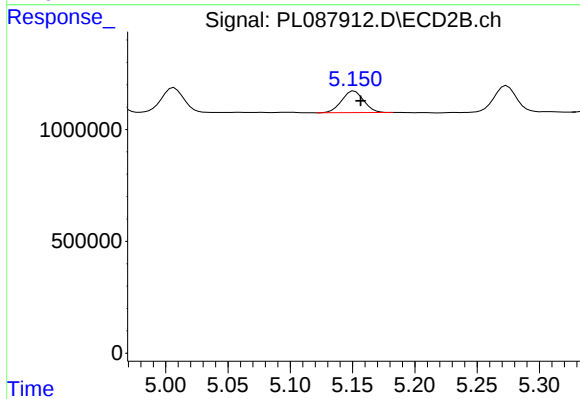
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 1718703
Conc: 1.04 ng/ml



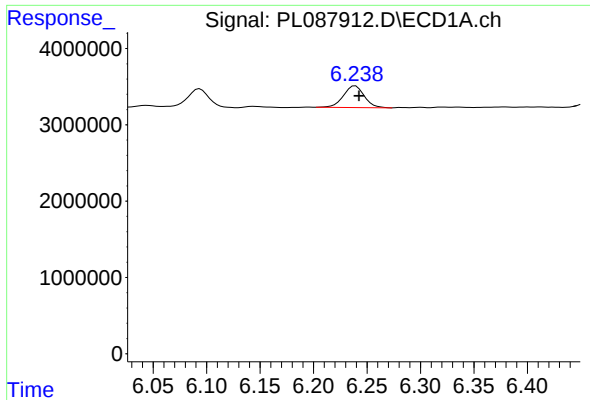
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 3247619
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 1200918
Conc: 0.89 ng/ml



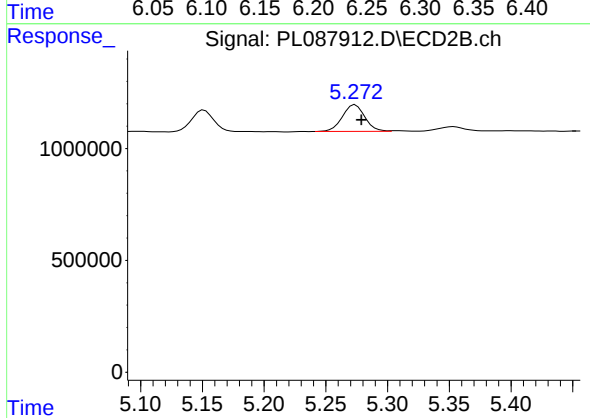
#13 Dieldrin

R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 3855020
Conc: 1.03 ng/ml

Instrument :
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ClientSampleId :
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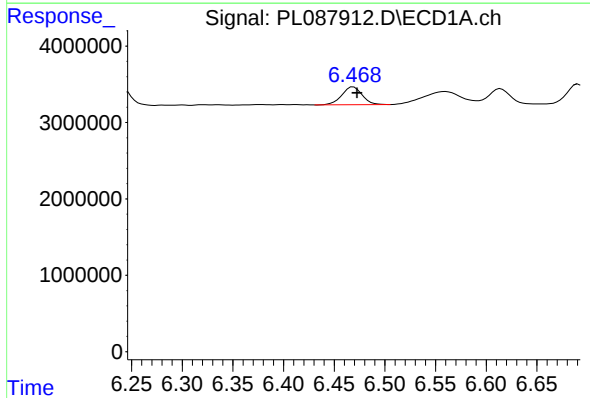
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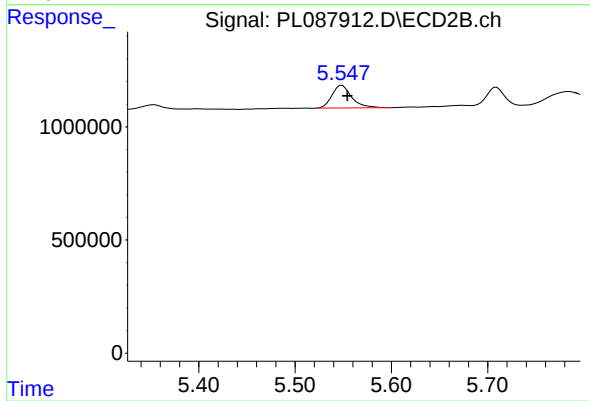
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 1501389
Conc: 0.94 ng/ml



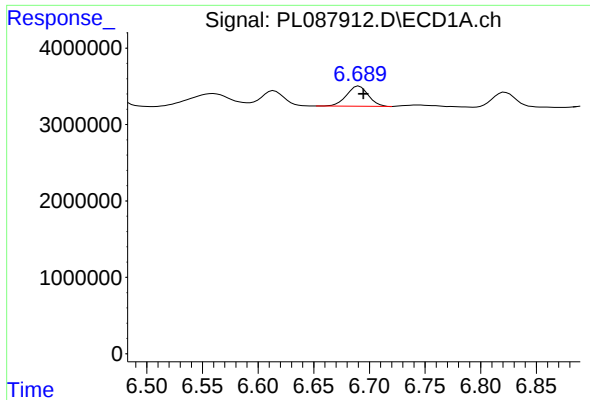
#14 Endrin

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 3259547
Conc: 1.04 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 1421735
Conc: 1.00 ng/ml



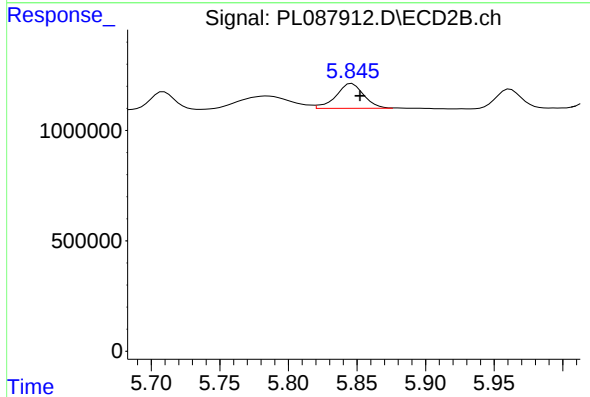
#15 Endosulfan II

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3609102
Conc: 1.13 ng/ml

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

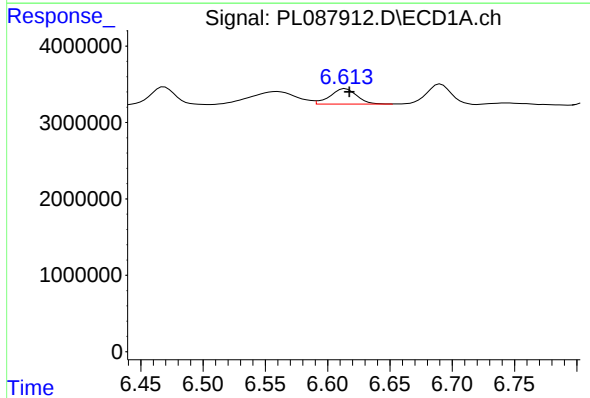
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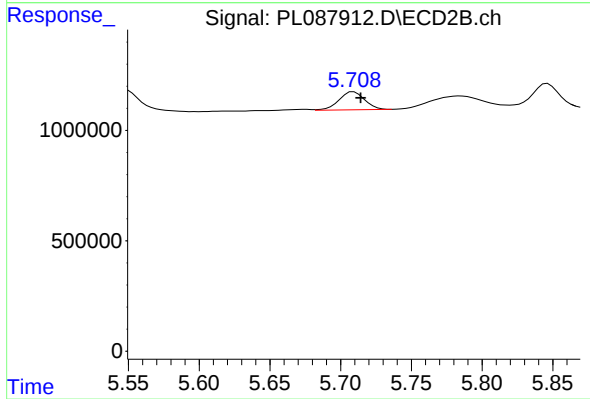
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 1573765
Conc: 1.15 ng/ml m



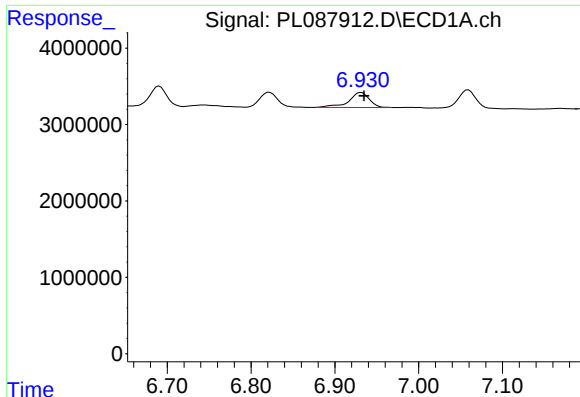
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 2974596
Conc: 1.15 ng/ml m



#16 4,4'-DDD

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 1029484
Conc: 0.91 ng/ml



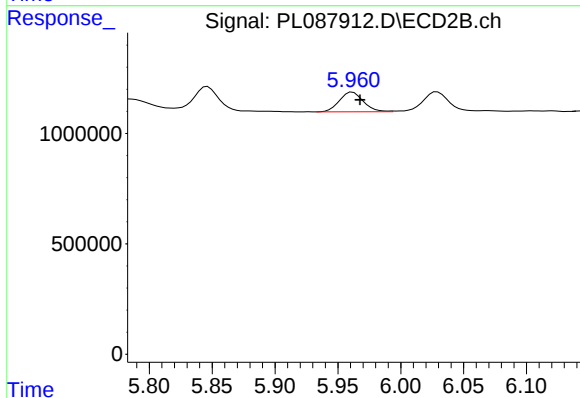
#17 4,4'-DDT

R.T.: 6.930 min
Delta R.T.: -0.005 min
Response: 3362592
Conc: 1.18 ng/ml

Instrument :
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#17 4,4'-DDT

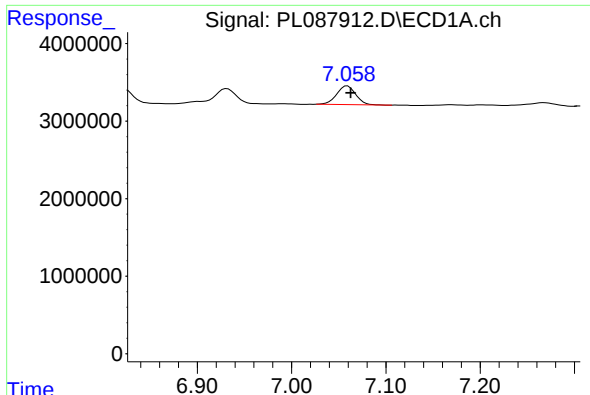
R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 1191294
Conc: 0.96 ng/ml

#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 2824978
Conc: 1.12 ng/ml

#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 1299737
Conc: 1.12 ng/ml



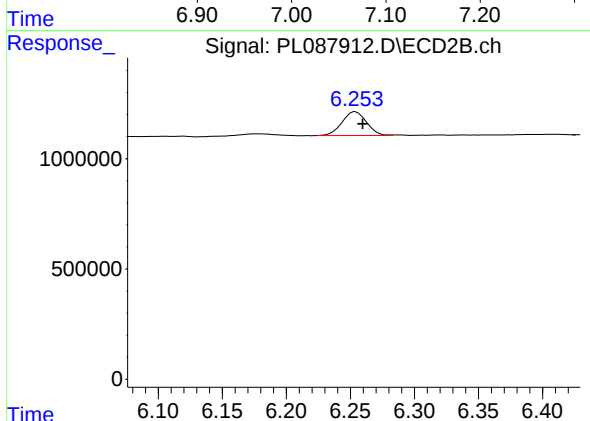
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 3421821
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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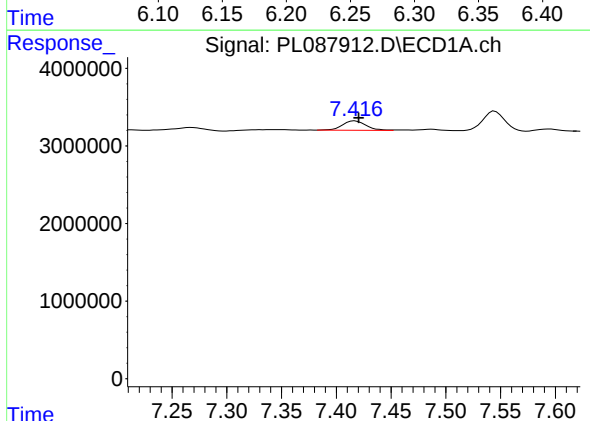
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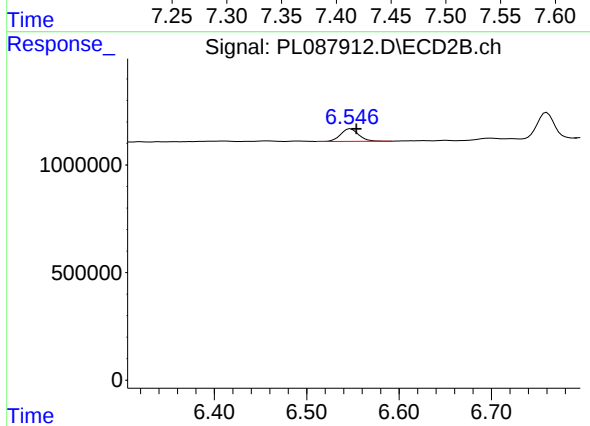
#19 Endosulfan Sulfate

R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 1437991
Conc: 1.10 ng/ml



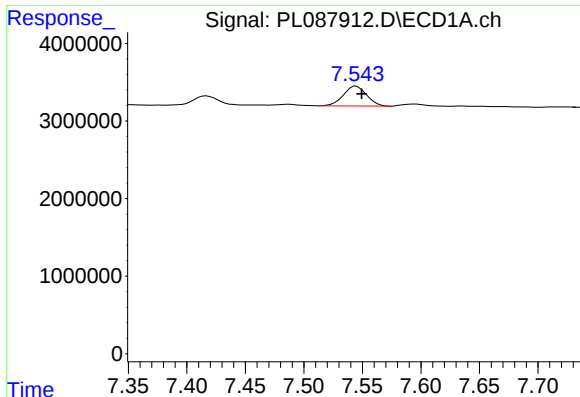
#20 Methoxychlor

R.T.: 7.417 min
Delta R.T.: -0.003 min
Response: 1811811
Conc: 1.12 ng/ml



#20 Methoxychlor

R.T.: 6.547 min
Delta R.T.: -0.006 min
Response: 800058
Conc: 1.09 ng/ml



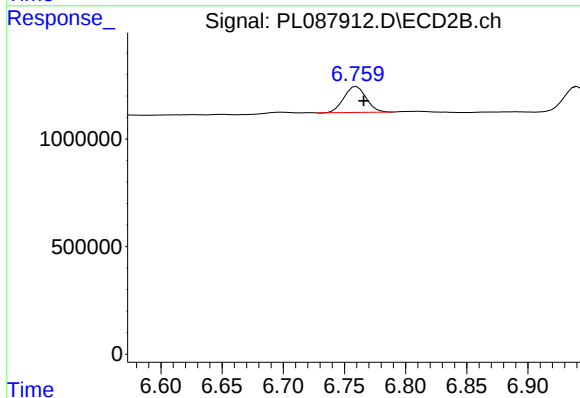
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.005 min
Response: 3543008
Conc: 1.09 ng/ml

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

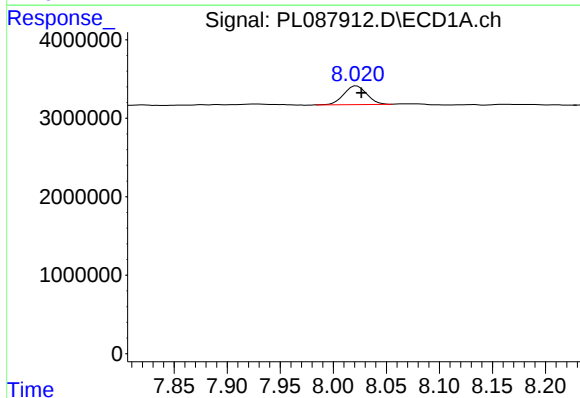
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APPROVED

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



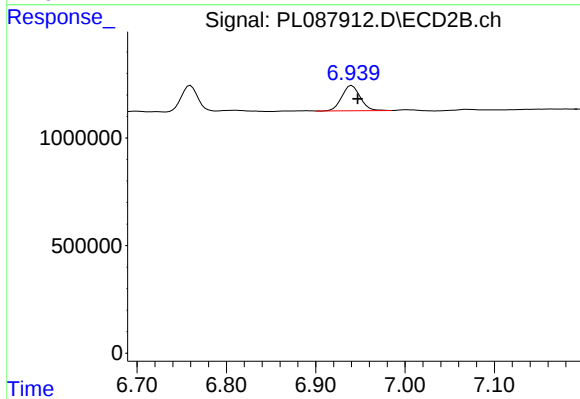
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 1517235
Conc: 0.99 ng/ml



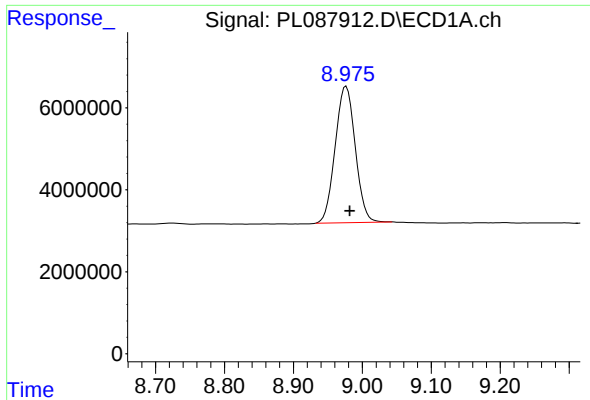
#22 Mirex

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 3572189
Conc: 1.27 ng/ml



#22 Mirex

R.T.: 6.941 min
Delta R.T.: -0.006 min
Response: 1669731
Conc: 1.24 ng/ml



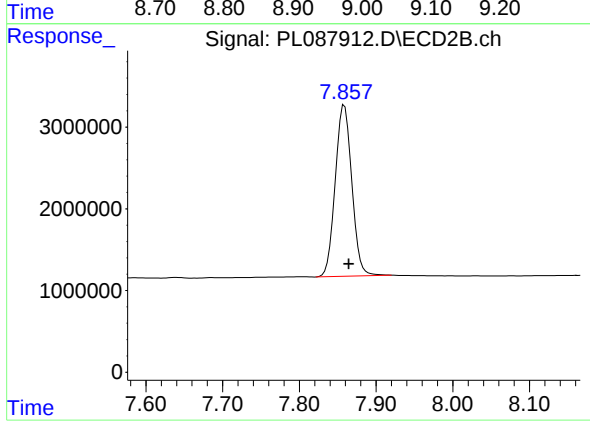
#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.005 min
Response: 67491678
Conc: 23.70 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.859 min
Delta R.T.: -0.006 min
Response: 31570340
Conc: 24.92 ng/ml