

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
 Data File : PD086076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 11:16
 Operator : AR\AJ
 Sample : P4368-01
 Misc : PEST LOD 1PPB SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 11:30:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.451	2.876	21408561	115.3E6	17.634	18.471
28) SA Decachlor...	8.909	8.061	38443919	112.2E6	17.803	21.059
Target Compounds						
2) A alpha-BHC	3.895	3.385	2376890	13810307	1.098	1.511 #
3) MA gamma-BHC...	4.222	3.720	2986871	14505677	1.345	1.691 #
4) MA Heptachlor	4.815	4.071	2756463	12927988	1.380	1.810 #
5) MB Aldrin	5.154	4.356	2733838	13011672	1.199	1.510m#
6) B beta-BHC	4.409	4.013	1346910	10590942	1.513	2.870m#
7) B delta-BHC	4.654	4.250	2404925	12850350	1.198m	1.553m#
8) B Heptachlo...	5.571	4.861	2575111	13065262	1.235m	1.746 #
9) A Endosulfan I	5.954	5.234	2539210	10229810	1.306	1.493
10) B gamma-Chl...	5.828	5.113	2671667	13322959	1.327	1.762 #
11) B alpha-Chl...	5.905	5.178	3323160	12710329	1.627m	1.688
12) B 4,4'-DDE	6.080	5.361	1984753	10482096	1.146	1.543 #
13) MA Dieldrin	6.226	5.500	2597582	12040841	1.266	1.591 #
14) MA Endrin	6.452	5.778	2129540	12350237	1.250	1.985 #
15) B Endosulfa...	6.662	6.068	3056693	10578096	1.671m	1.670m
16) A 4,4'-DDD	6.588	5.916	2235185	9533469	1.634	1.838
17) MA 4,4'-DDT	6.902	6.171	1843675	9983568	1.239	1.891 #
18) B Endrin al...	6.793	6.247	2173924	9112768	1.438m	1.738m
19) B Endosulfa...	7.028	6.472	2382728	9040207	1.371	1.609
20) A Methoxychlor	7.376	6.742	2108128	5205153	2.340	1.947
21) B Endrin ke...	7.505	6.982	2602801	12048768	1.353m	1.742 #
22) Mirex	7.983	7.175	3011447	12238379	1.780m	2.089

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
Data File : PD086076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 11:16
Operator : AR\AJ
Sample : P4368-01
Misc : PEST LOD 1PPB SOIL
ALS Vial : 7 Sample Multiplier: 1

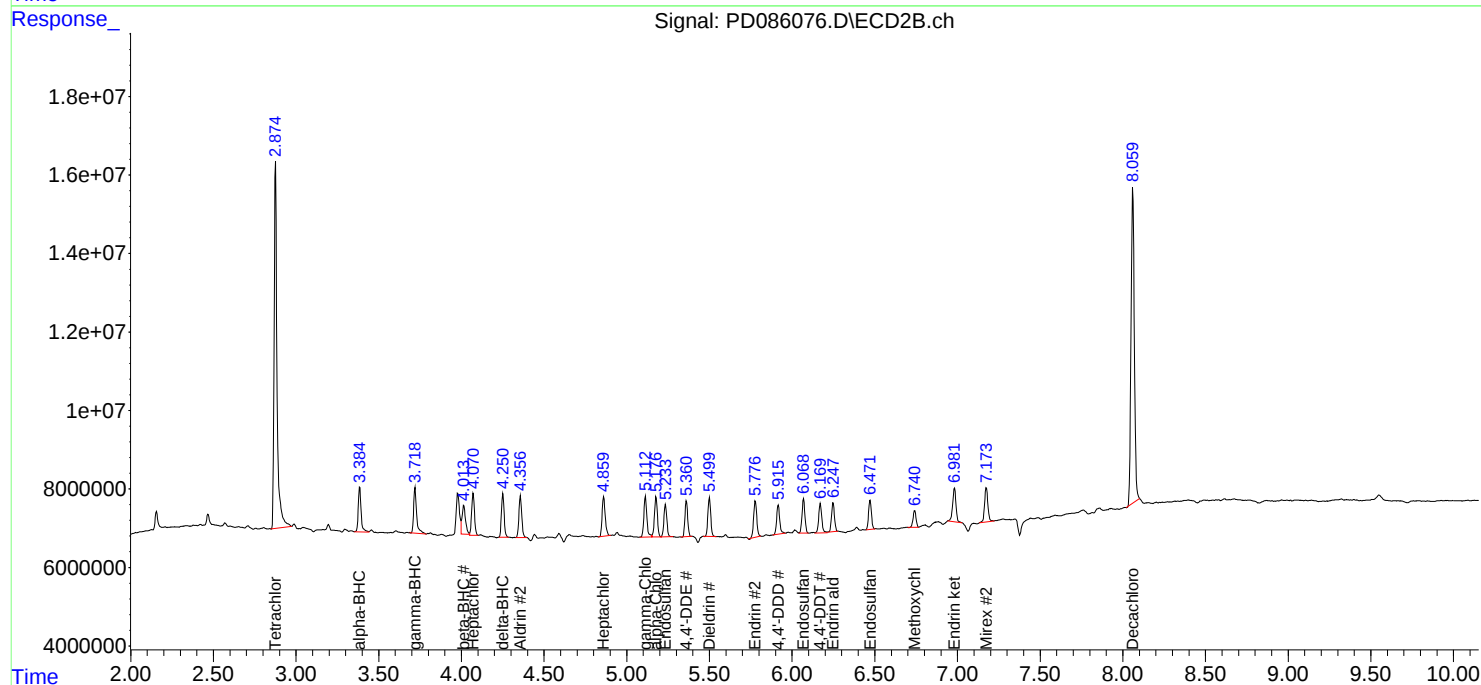
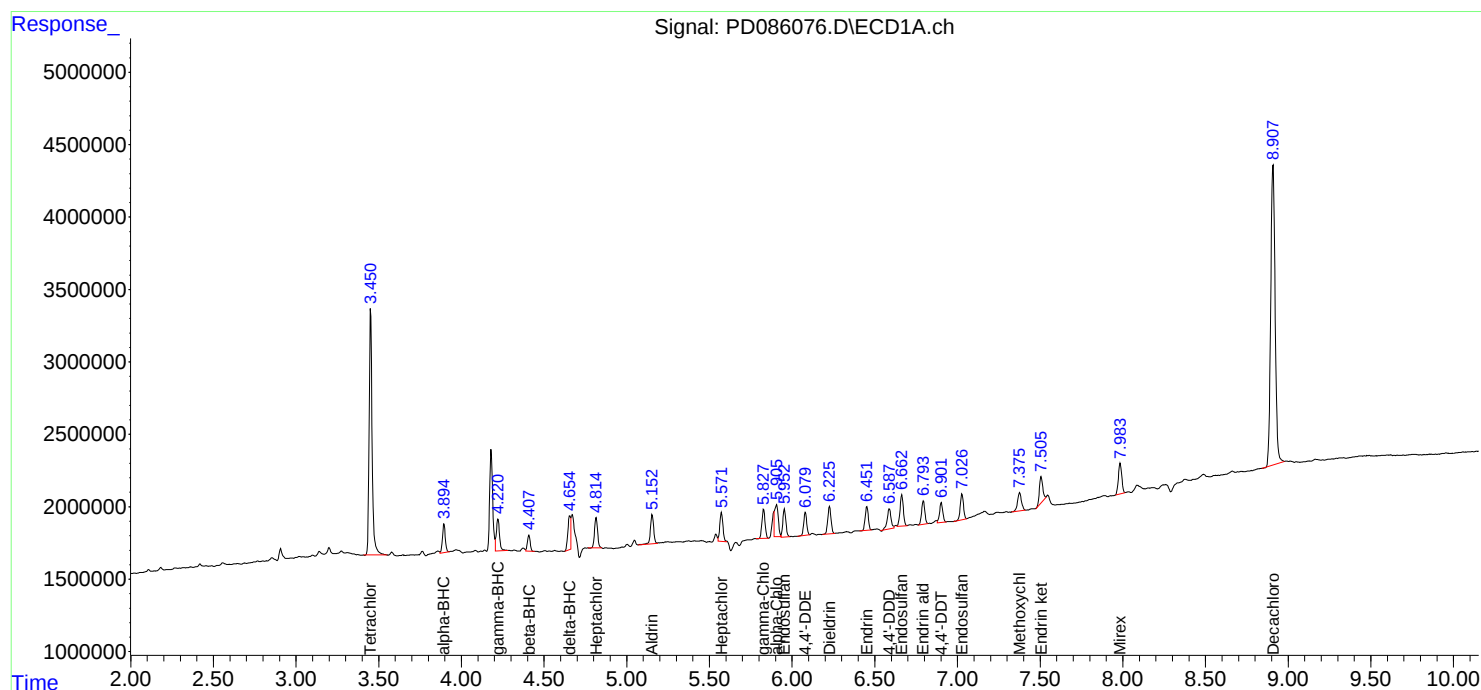
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

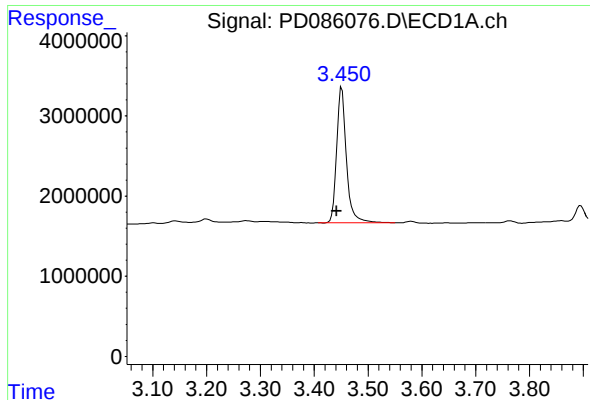
Manual Integrations
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Reviewed By : Abdul Mirza 10/17/2024
Supervised By : Ankita Jodhani 10/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 11:30:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





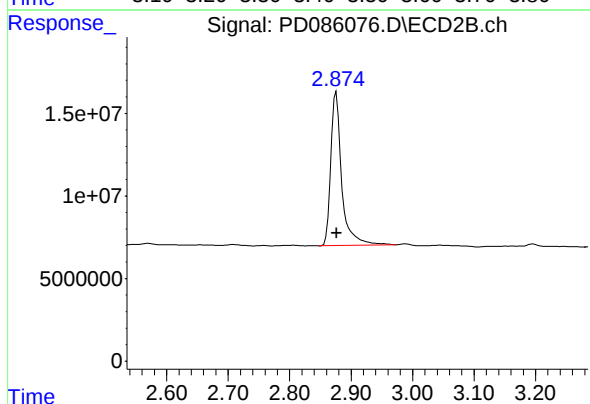
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.009 min
Response: 21408561
Conc: 17.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

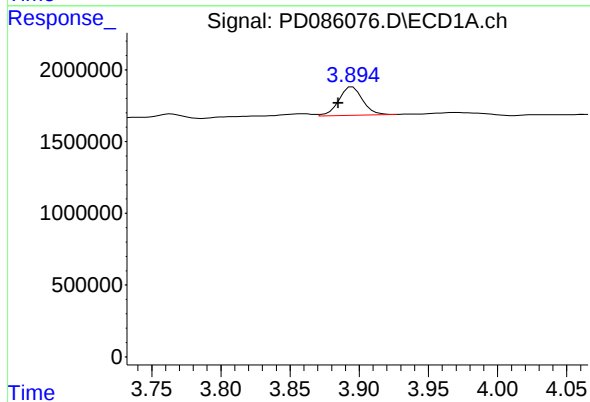
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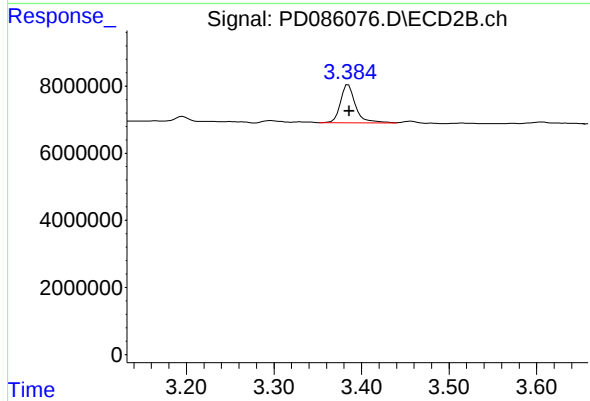
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 115312836
Conc: 18.47 ng/ml



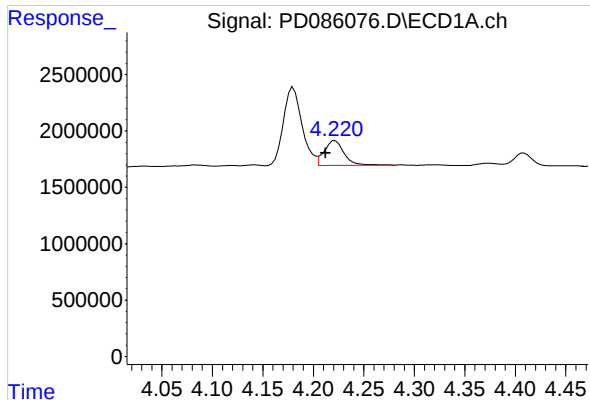
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.010 min
Response: 2376890
Conc: 1.10 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 13810307
Conc: 1.51 ng/ml



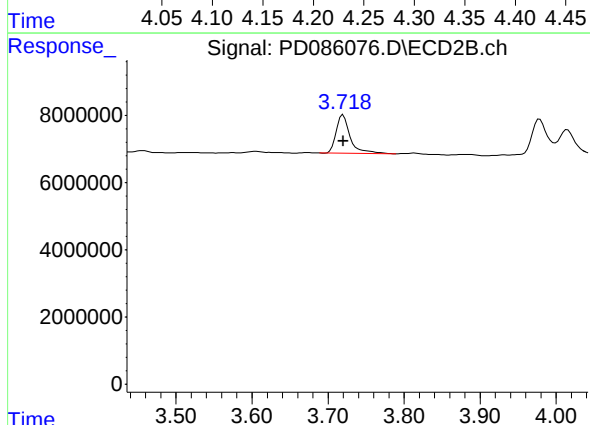
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.009 min
Response: 2986871
Conc: 1.35 ng/ml

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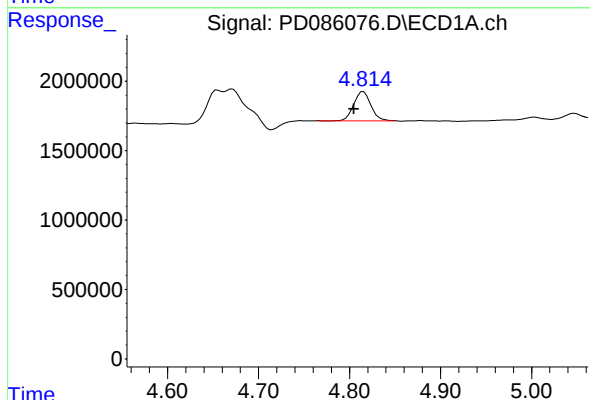
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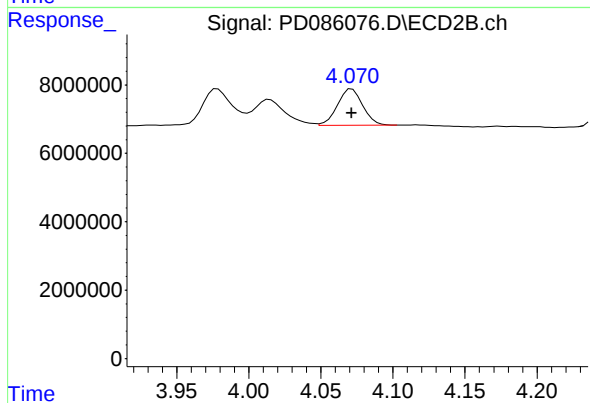
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 14505677
Conc: 1.69 ng/ml



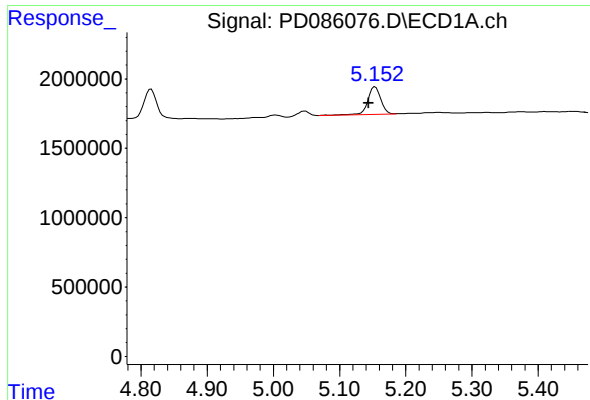
#4 Heptachlor

R.T.: 4.815 min
Delta R.T.: 0.010 min
Response: 2756463
Conc: 1.38 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 12927988
Conc: 1.81 ng/ml



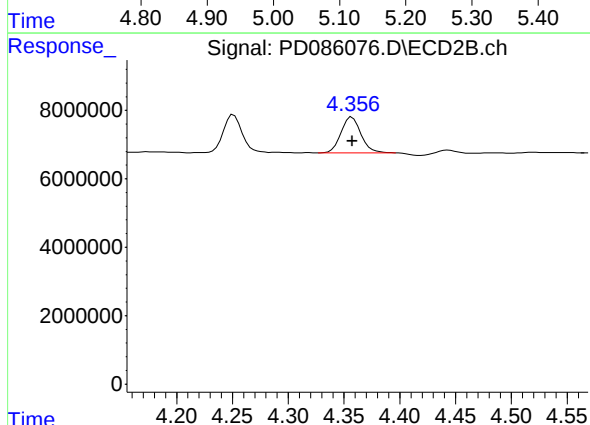
#5 Aldrin

R.T.: 5.154 min
Delta R.T.: 0.010 min
Response: 2733838
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

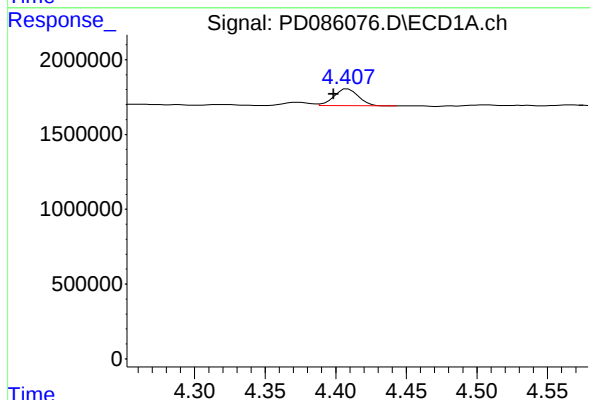
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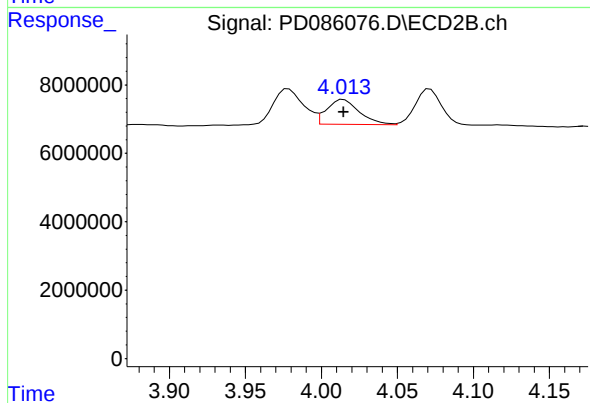
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 13011672
Conc: 1.51 ng/ml m



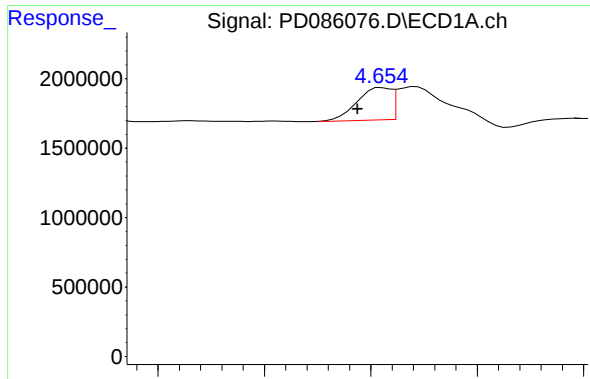
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.010 min
Response: 1346910
Conc: 1.51 ng/ml



#6 beta-BHC

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 10590942
Conc: 2.87 ng/ml m



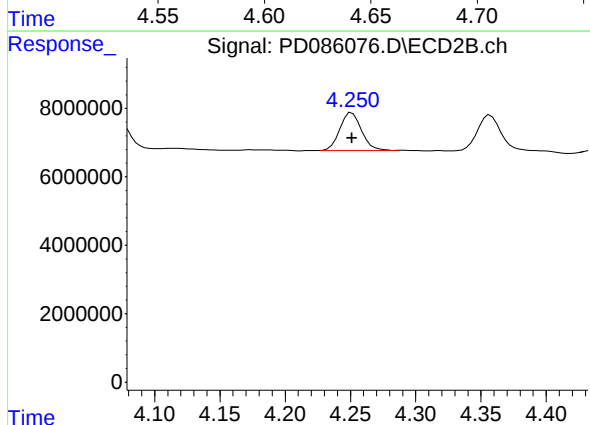
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.010 min
Response: 2404925
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

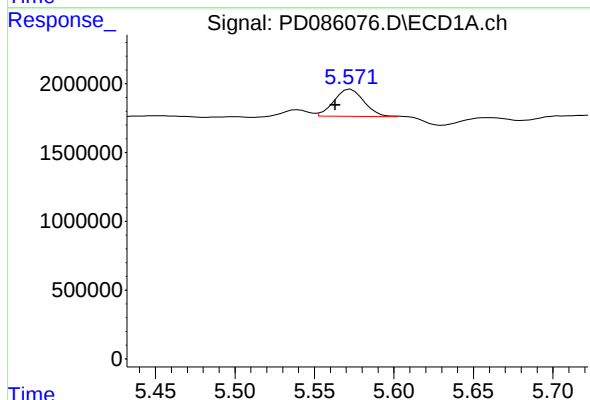
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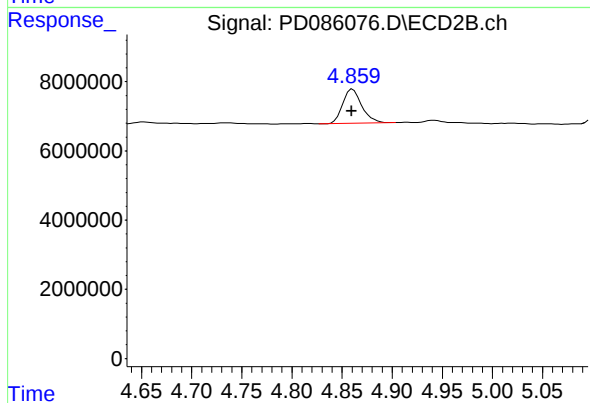
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: -0.001 min
Response: 12850350
Conc: 1.55 ng/ml m



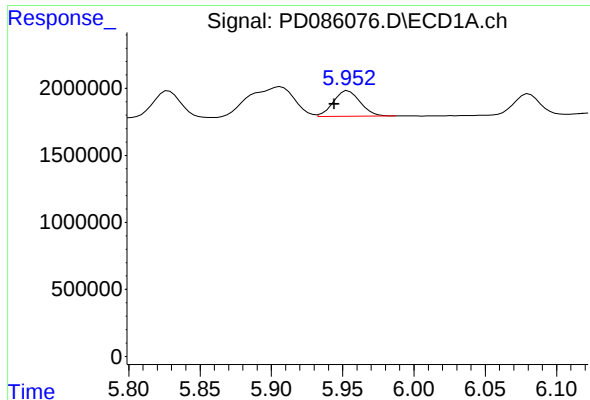
#8 Heptachlor epoxide

R.T.: 5.571 min
Delta R.T.: 0.008 min
Response: 2575111
Conc: 1.24 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 13065262
Conc: 1.75 ng/ml



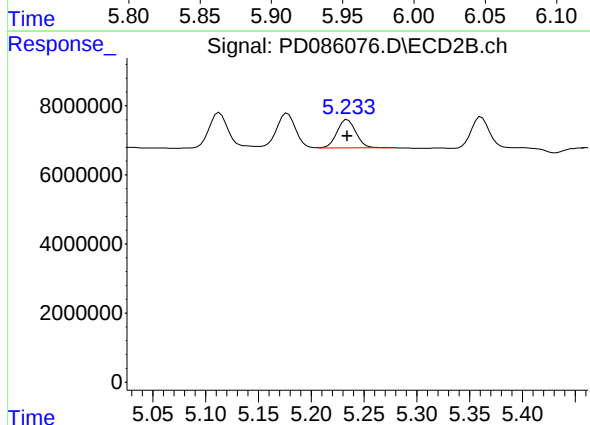
#9 Endosulfan I

R.T.: 5.954 min
Delta R.T.: 0.010 min
Response: 2539210
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

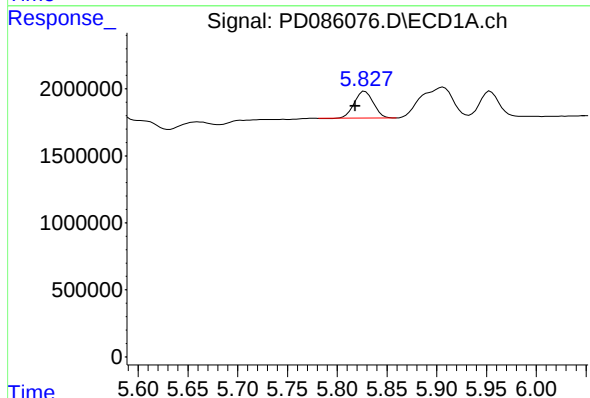
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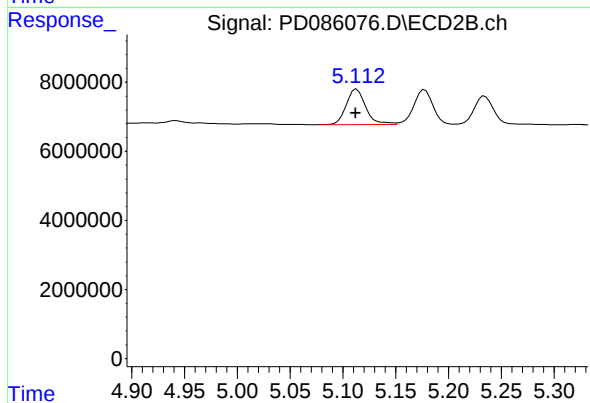
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 10229810
Conc: 1.49 ng/ml



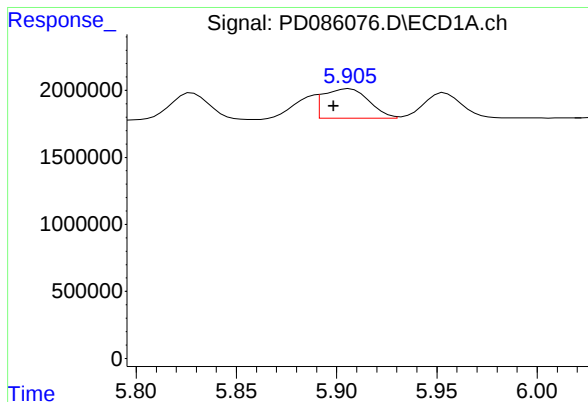
#10 gamma-Chlordane

R.T.: 5.828 min
Delta R.T.: 0.010 min
Response: 2671667
Conc: 1.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 13322959
Conc: 1.76 ng/ml



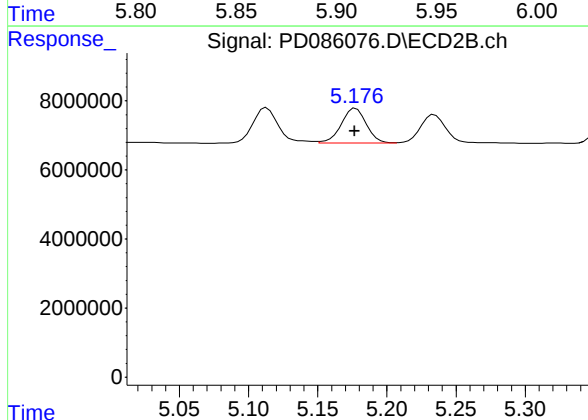
#11 alpha-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.007 min
Response: 3323160
Conc: 1.63 ng/ml

Instrument : ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

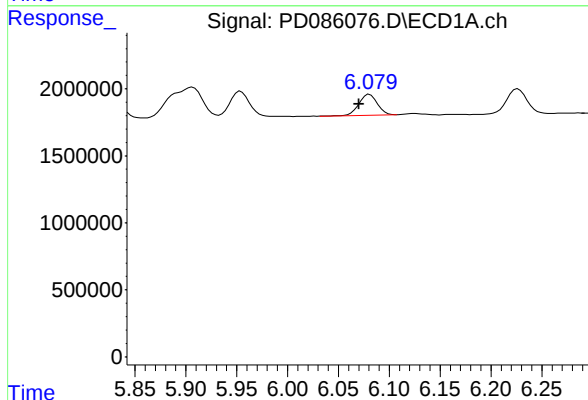
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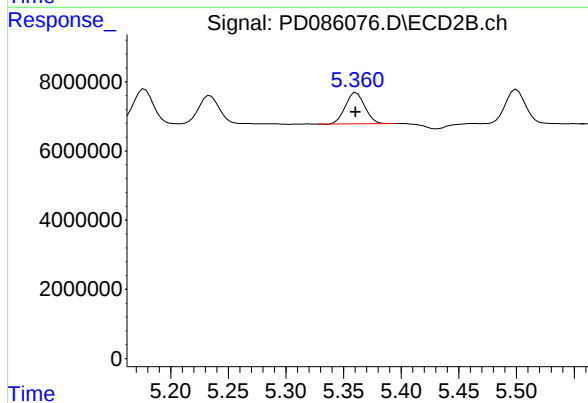
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 12710329
Conc: 1.69 ng/ml



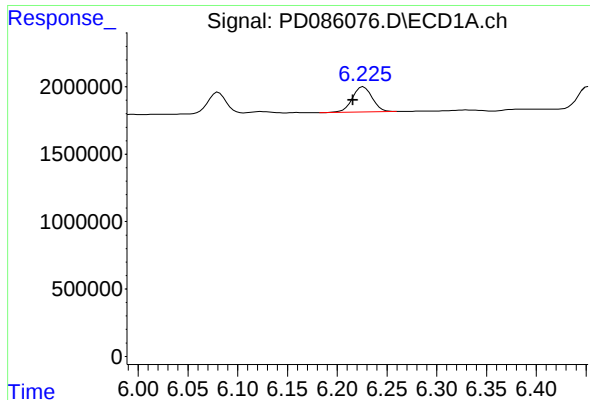
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: 0.010 min
Response: 1984753
Conc: 1.15 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 10482096
Conc: 1.54 ng/ml



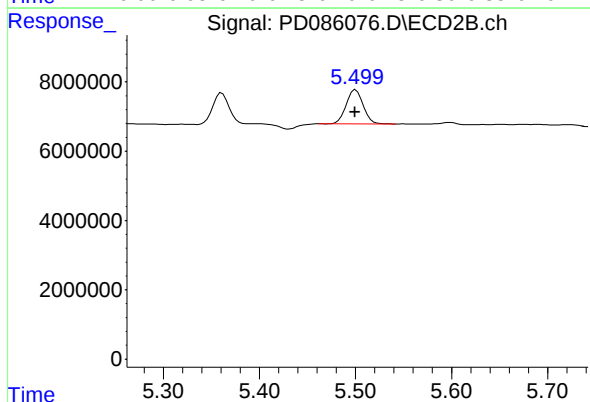
#13 Dieldrin

R.T.: 6.226 min
Delta R.T.: 0.011 min
Response: 2597582
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

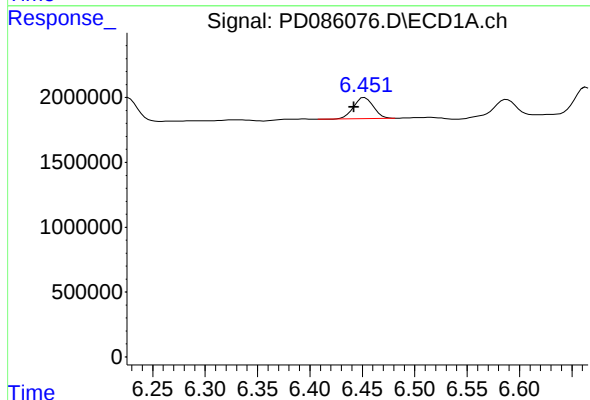
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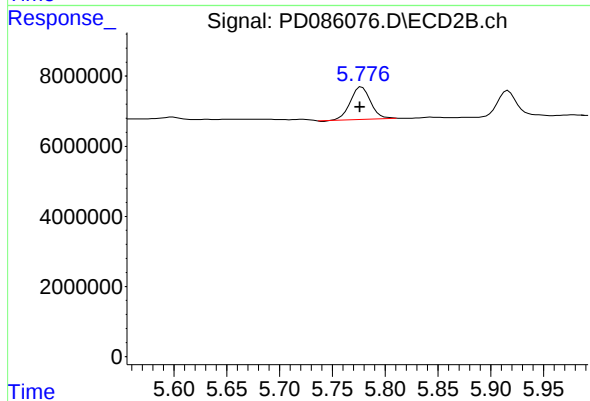
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 12040841
Conc: 1.59 ng/ml



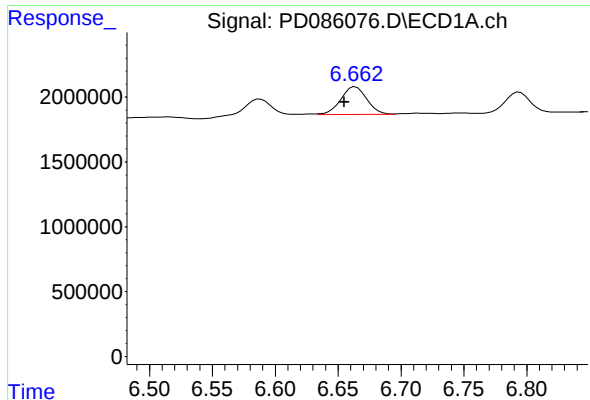
#14 Endrin

R.T.: 6.452 min
Delta R.T.: 0.010 min
Response: 2129540
Conc: 1.25 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 12350237
Conc: 1.99 ng/ml



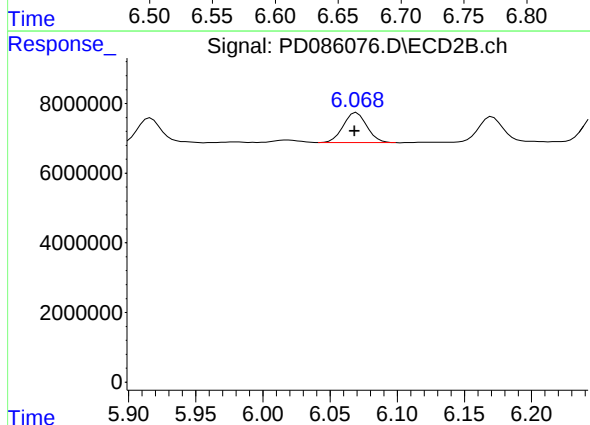
#15 Endosulfan II

R.T.: 6.662 min
Delta R.T.: 0.007 min
Response: 3056693
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

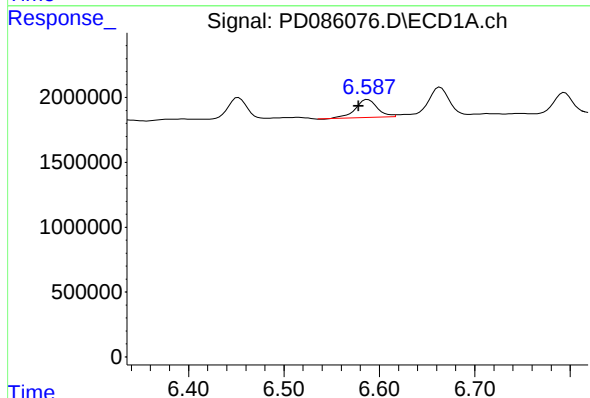
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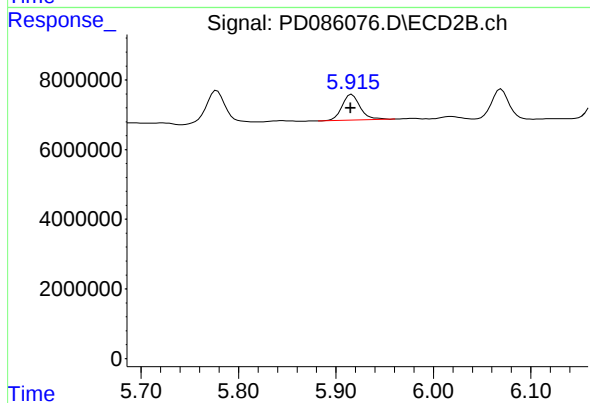
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 10578096
Conc: 1.67 ng/ml m



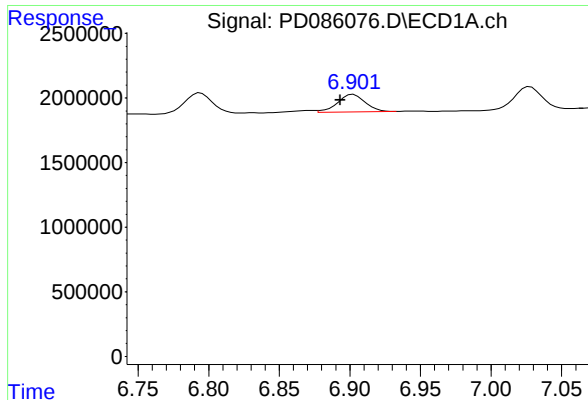
#16 4,4'-DDD

R.T.: 6.588 min
Delta R.T.: 0.010 min
Response: 2235185
Conc: 1.63 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.001 min
Response: 9533469
Conc: 1.84 ng/ml



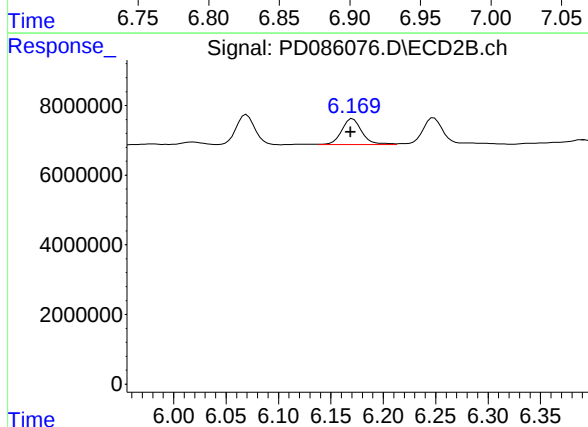
#17 4,4'-DDT

R.T.: 6.902 min
Delta R.T.: 0.009 min
Response: 1843675
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

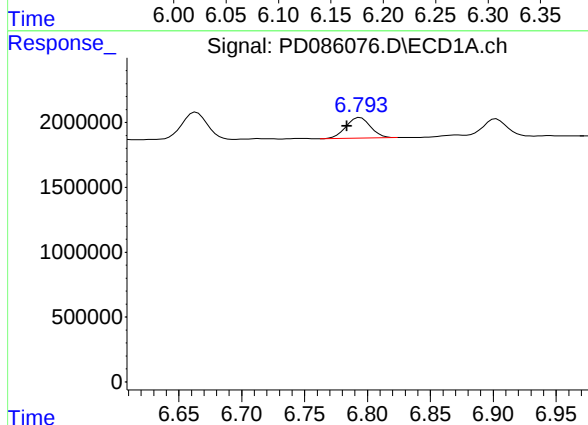
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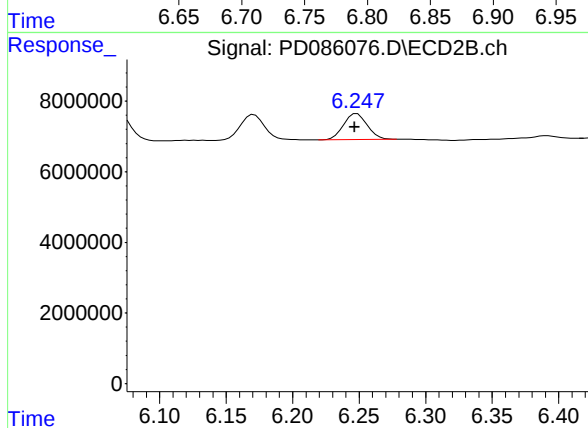
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 9983568
Conc: 1.89 ng/ml



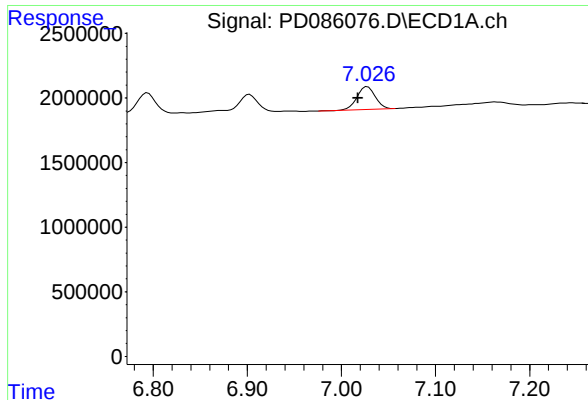
#18 Endrin aldehyde

R.T.: 6.793 min
Delta R.T.: 0.009 min
Response: 2173924
Conc: 1.44 ng/ml m



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 9112768
Conc: 1.74 ng/ml m



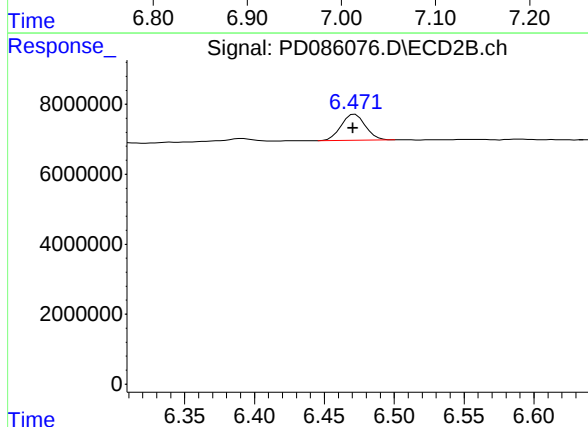
#19 Endosulfan Sulfate

R.T.: 7.028 min
Delta R.T.: 0.010 min
Response: 2382728
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

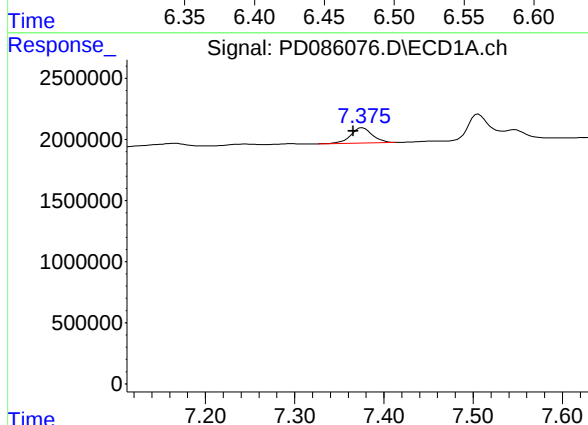
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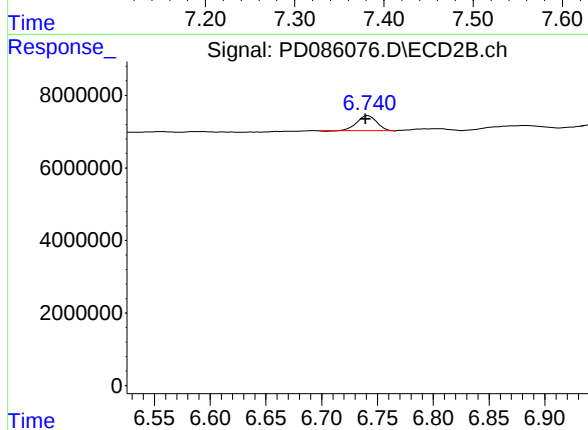
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.001 min
Response: 9040207
Conc: 1.61 ng/ml



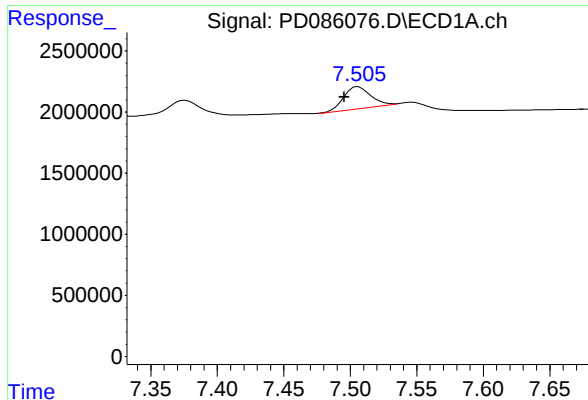
#20 Methoxychlor

R.T.: 7.376 min
Delta R.T.: 0.010 min
Response: 2108128
Conc: 2.34 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 5205153
Conc: 1.95 ng/ml



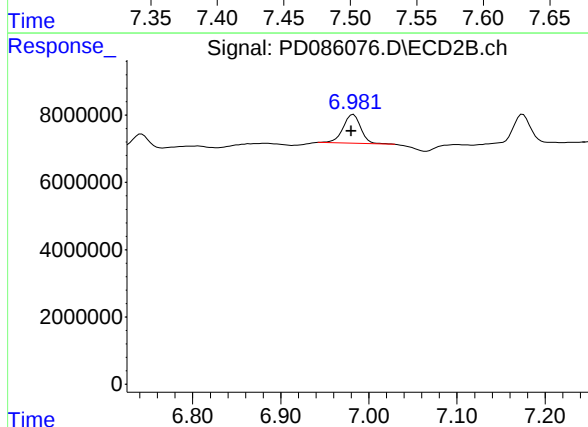
#21 Endrin ketone

R.T.: 7.505 min
Delta R.T.: 0.009 min
Response: 2602801
Conc: 1.35 ng/ml

Instrument : ECD_D
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

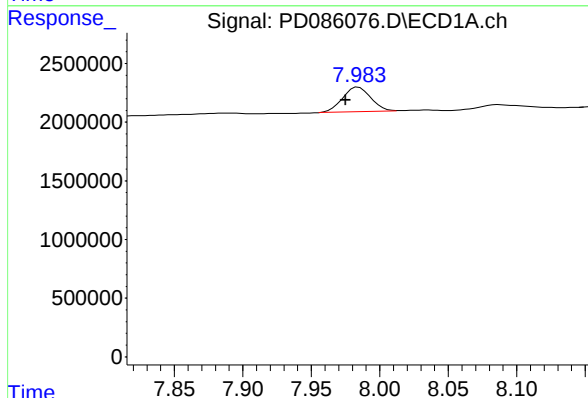
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2024
Supervised By :Ankita Jodhani 10/18/2024



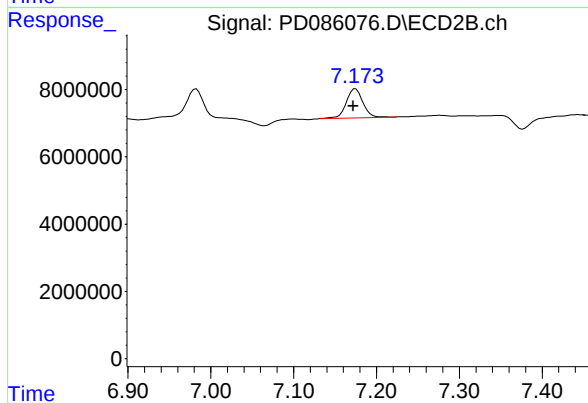
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 12048768
Conc: 1.74 ng/ml



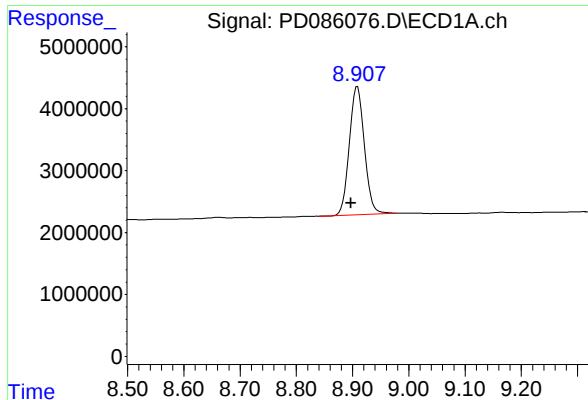
#22 Mirex

R.T.: 7.983 min
Delta R.T.: 0.008 min
Response: 3011447
Conc: 1.78 ng/ml m



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.003 min
Response: 12238379
Conc: 2.09 ng/ml



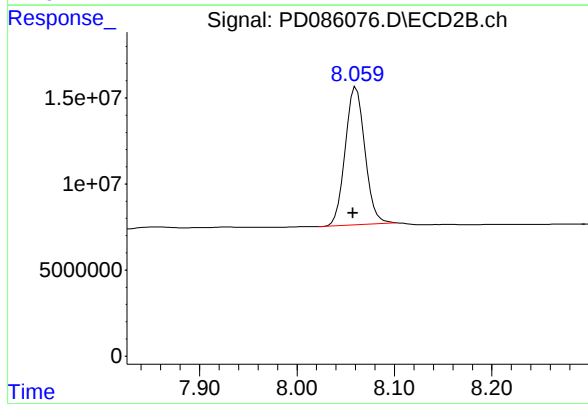
#28 Decachlorobiphenyl

R.T.: 8.909 min
Delta R.T.: 0.011 min
Response: 38443919
Conc: 17.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 112172931
Conc: 21.06 ng/ml