

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
 Data File : PD074622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 19:01
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:02:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.549	2.770	44922151	23949424	19.258	19.679
28)	SA Decachlor...	9.092	7.920	58040890	25471947	21.701	20.761
Target Compounds							
2)	A alpha-BHC	4.005	3.273	8347080	4013355	2.151	2.160
3)	MA gamma-BHC...	4.338	3.603	8913385	4079064	2.541	2.381
4)	MA Heptachlor	4.931	3.945	9096146	4140681	2.655	2.427
5)	MB Aldrin	5.274	4.226	9134479	4083800	2.713	2.421
6)	B beta-BHC	4.534	3.899	4096926	2109433	2.772	2.794
7)	B delta-BHC	4.782	4.130	9014603	3874762	3.285	2.276 #
8)	B Heptachlo...	5.699	4.728	7846178	3901520	2.790m	2.542
9)	A Endosulfan I	6.088	5.098	8012800	3691996	2.818	2.565
10)	B gamma-Chl...	5.957	4.978	8396013	4011209	2.797	2.583
11)	B alpha-Chl...	6.037	5.043	8685363	4019143	2.880	2.610
12)	B 4,4'-DDE	6.208	5.232	7252660	3277960	2.630	2.323
13)	MA Dieldrin	6.363	5.363	8209542	3783119	2.783	2.516
14)	MA Endrin	6.594	5.638	6859743	3385327	2.760	2.590
15)	B Endosulfa...	6.812	5.932	9276444	3790566	3.601	3.013
16)	A 4,4'-DDD	6.726	5.786	6152101	2839758	2.743	2.433
17)	MA 4,4'-DDT	7.041	6.039	6941322	2788377	2.723	2.271
18)	B Endrin al...	6.942	6.112	6523179	3102879	3.263	3.055
19)	B Endosulfa...	7.177	6.334	7447321	3463413	3.016	2.837
20)	A Methoxychlor	7.517	6.614	4337883	1874180	3.100	2.770
21)	B Endrin ke...	7.664	6.841	8806117	3971331	3.163	2.692
22)	Mirex	8.140	7.025	7360057	3310596	3.466	2.915

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040723\
Data File : PD074622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2023 19:01
Operator : AR\AJ
Sample : 02213-01
Misc : PEST LOD 2.5PPB
ALS Vial : 9 Sample Multiplier: 1

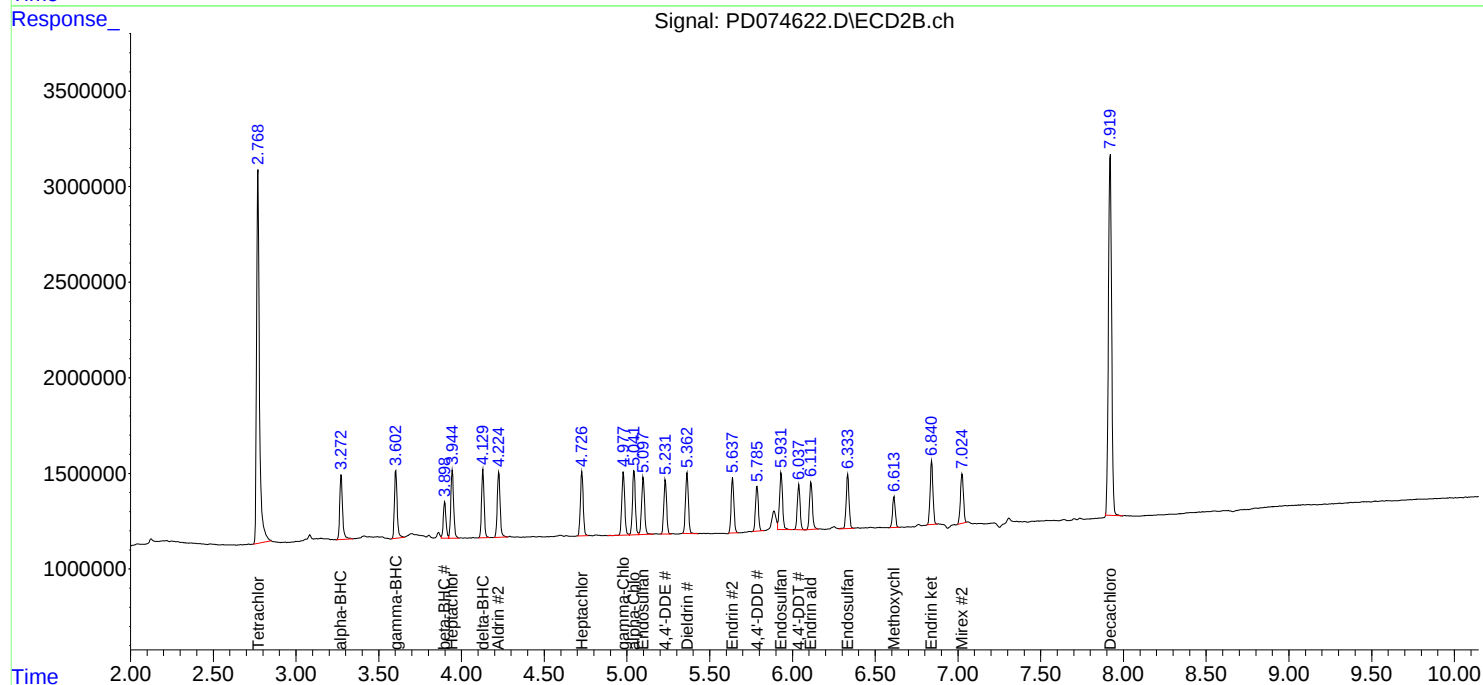
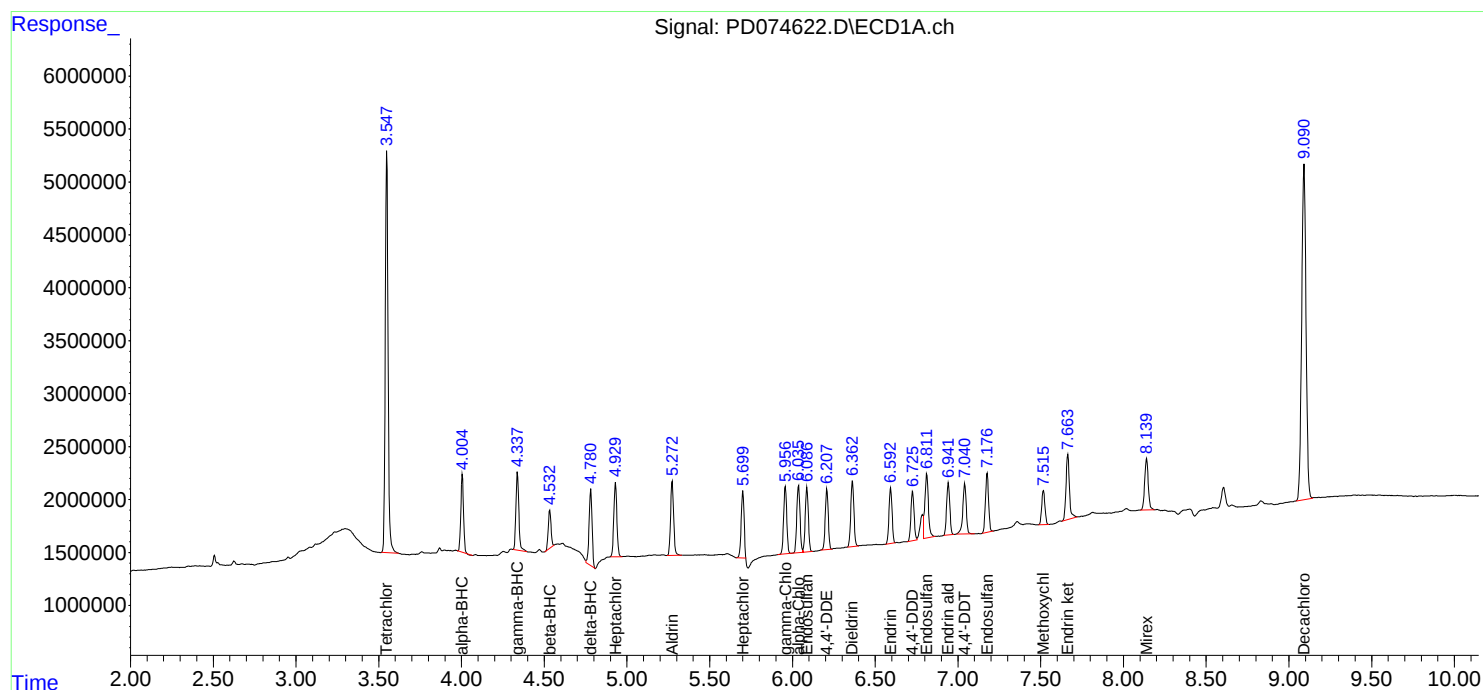
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

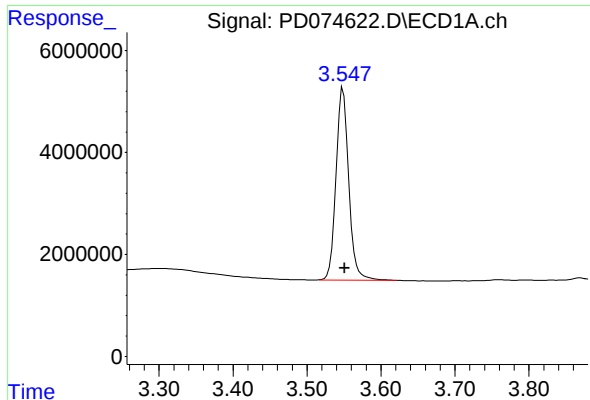
Manual Integrations
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Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 07 22:02:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 12:23:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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





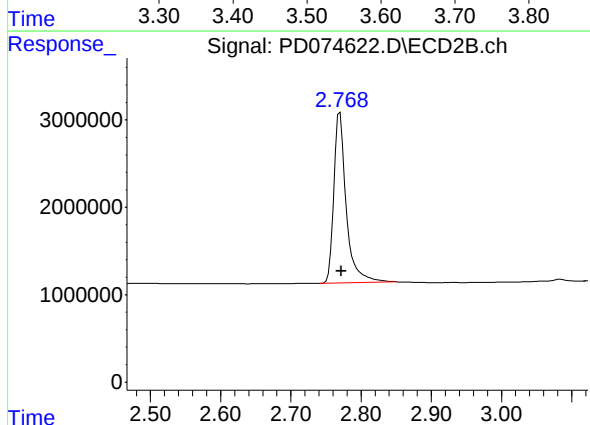
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 44922151
Conc: 19.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

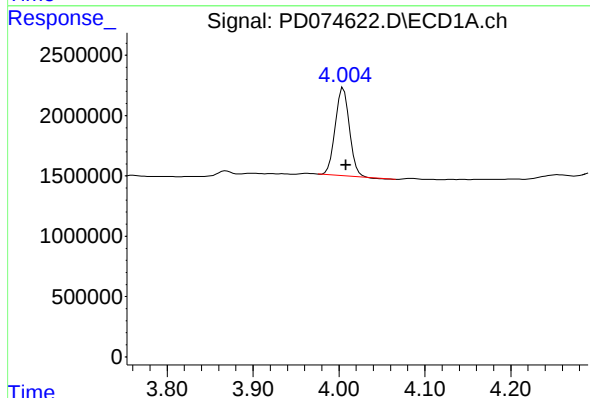
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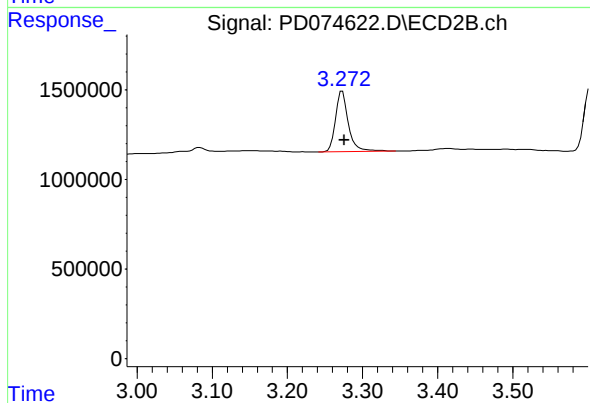
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 23949424
Conc: 19.68 ng/ml



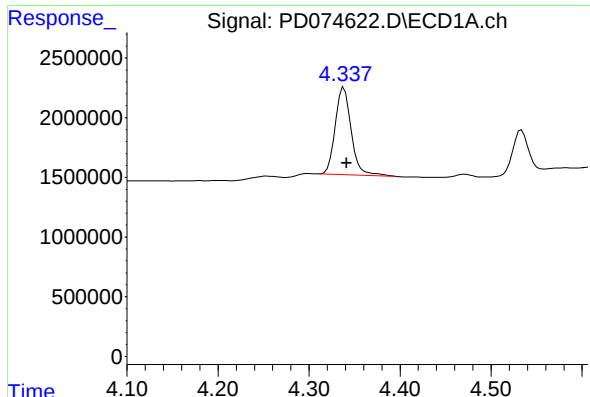
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 8347080
Conc: 2.15 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.003 min
Response: 4013355
Conc: 2.16 ng/ml



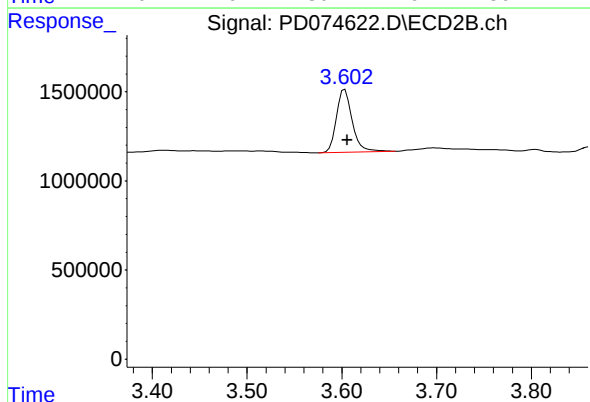
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: -0.003 min
Response: 8913385
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

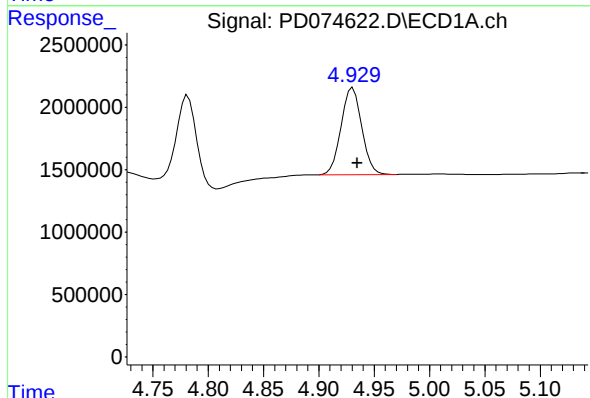
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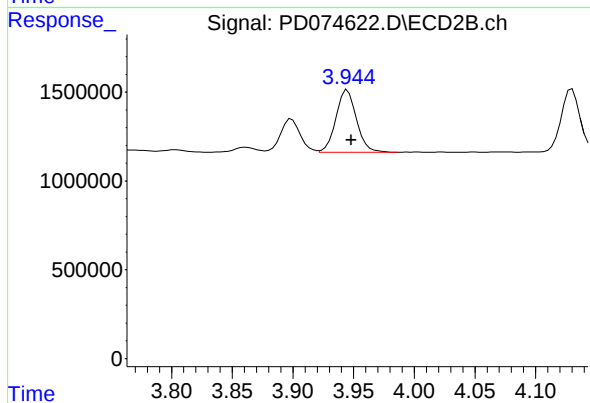
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.003 min
Response: 4079064
Conc: 2.38 ng/ml



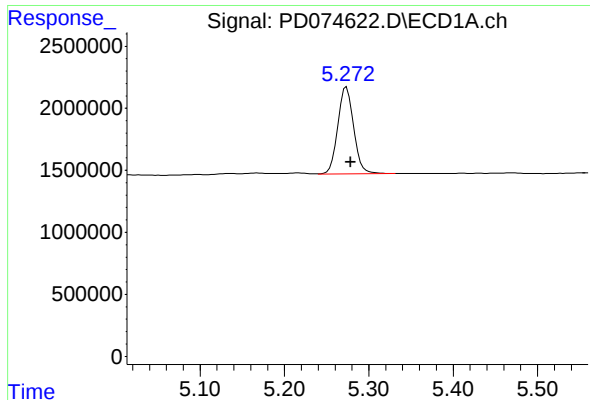
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: -0.004 min
Response: 9096146
Conc: 2.65 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 4140681
Conc: 2.43 ng/ml



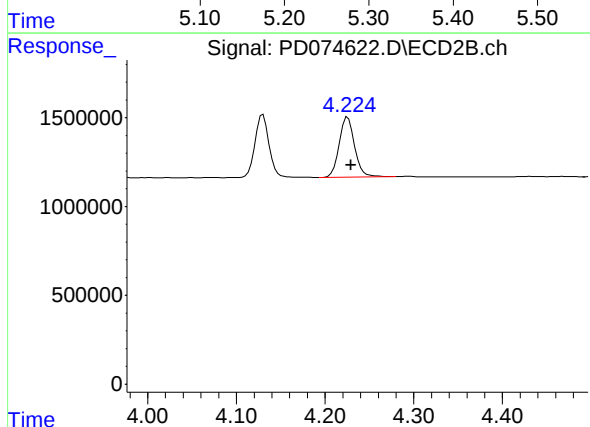
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 9134479
Conc: 2.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

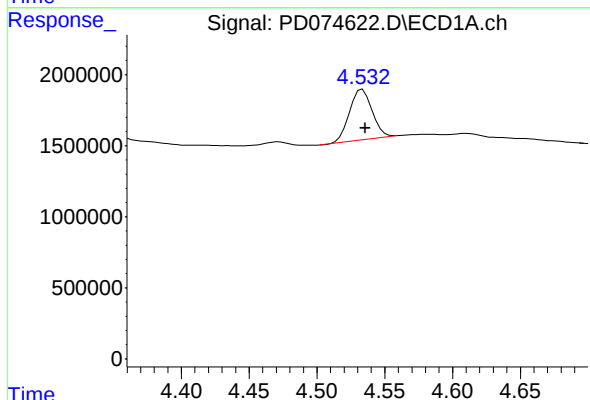
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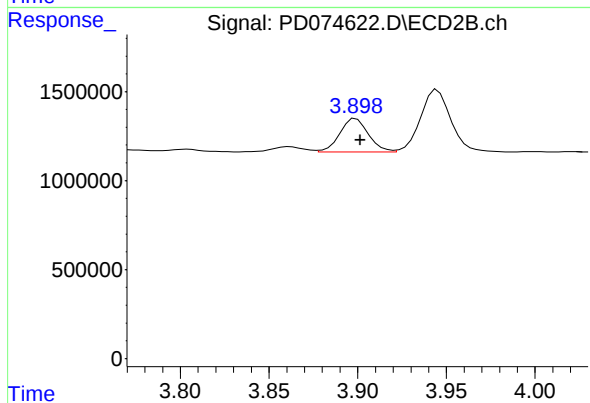
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 4083800
Conc: 2.42 ng/ml



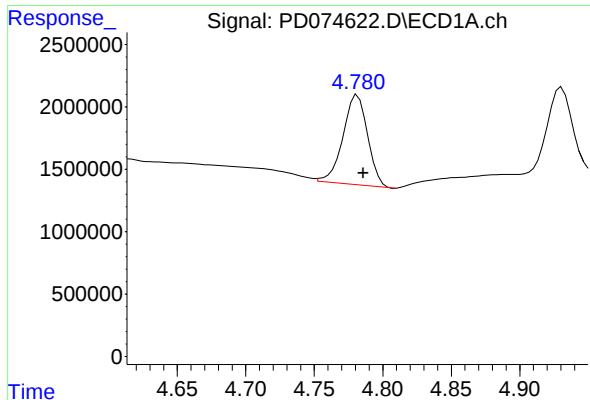
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: -0.002 min
Response: 4096926
Conc: 2.77 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 2109433
Conc: 2.79 ng/ml



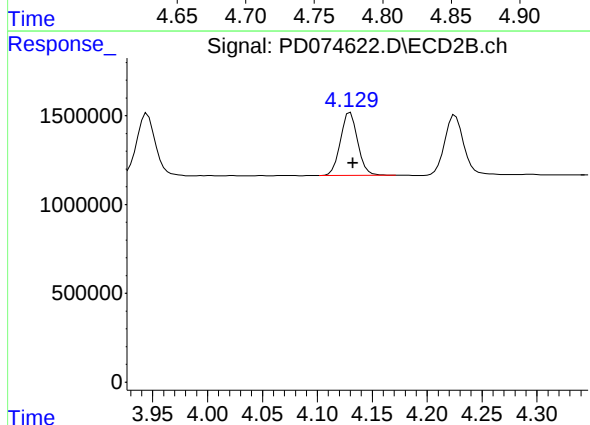
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 9014603
Conc: 3.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

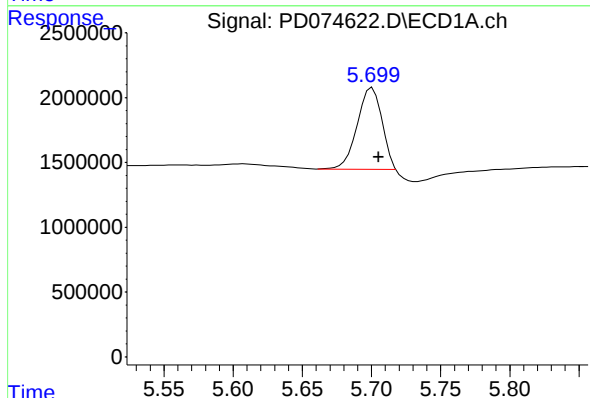
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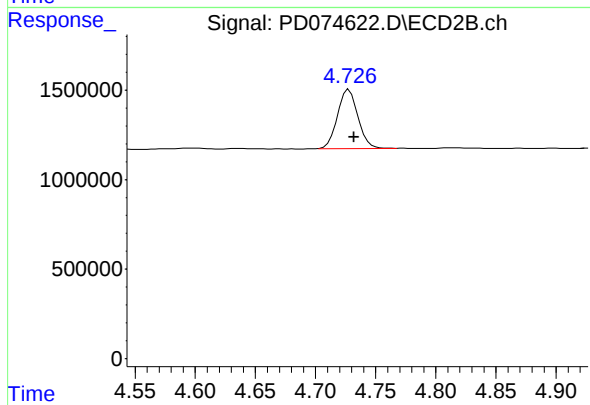
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.002 min
Response: 3874762
Conc: 2.28 ng/ml



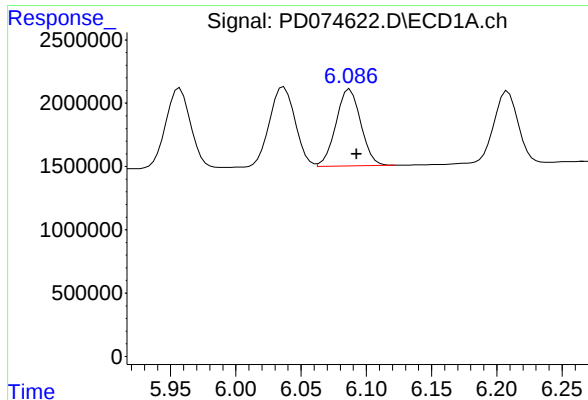
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: -0.006 min
Response: 7846178
Conc: 2.79 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 3901520
Conc: 2.54 ng/ml



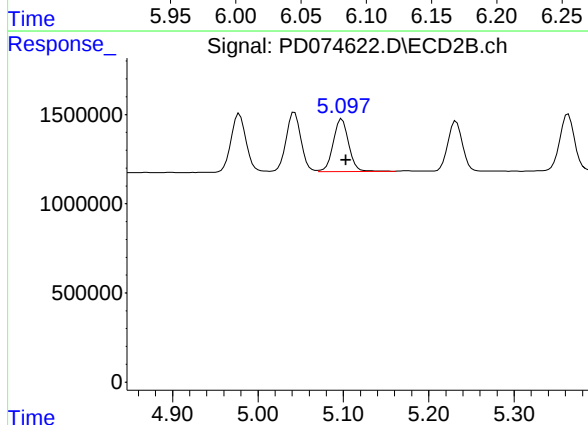
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 8012800
Conc: 2.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

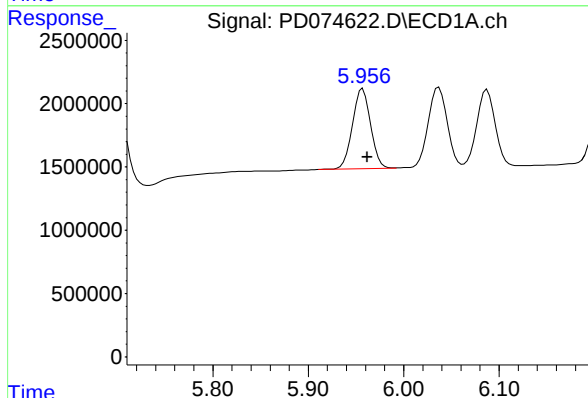
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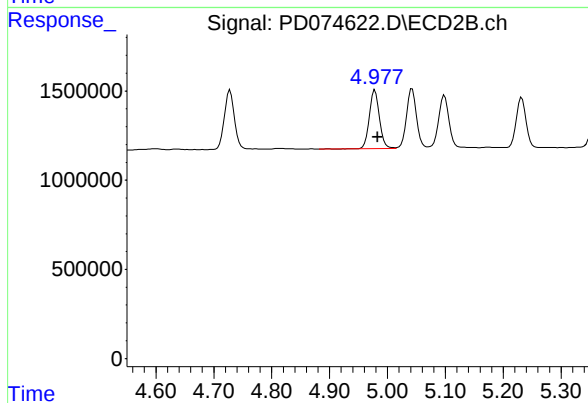
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.005 min
Response: 3691996
Conc: 2.57 ng/ml



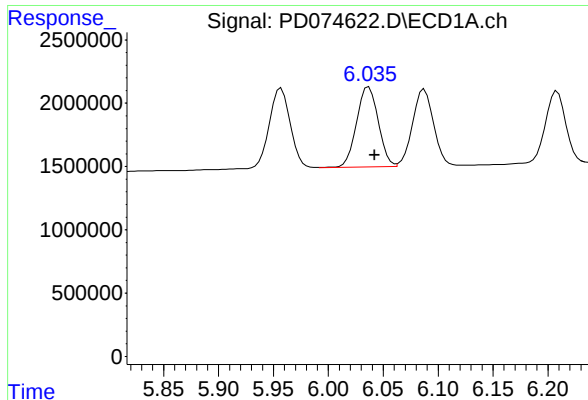
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 8396013
Conc: 2.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.005 min
Response: 4011209
Conc: 2.58 ng/ml



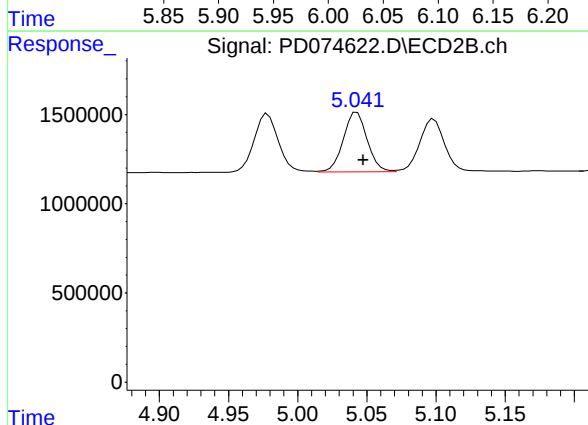
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 8685363
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

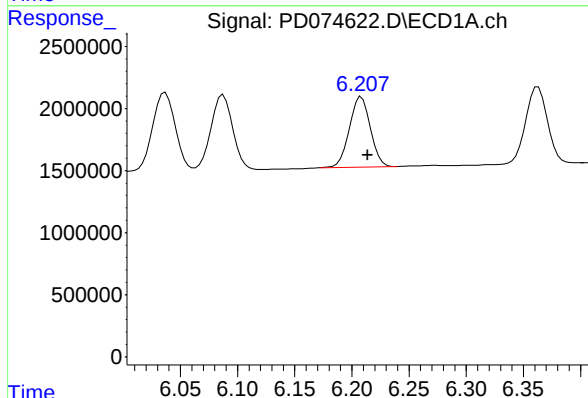
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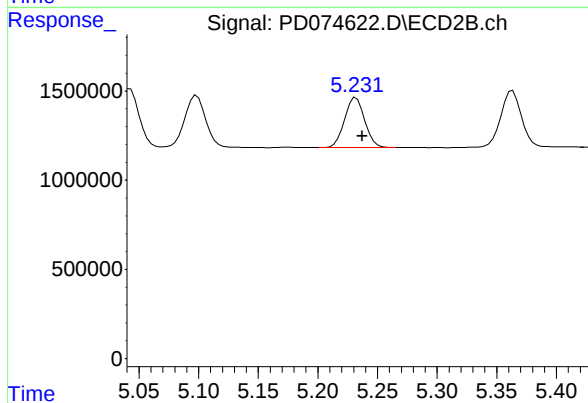
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 4019143
Conc: 2.61 ng/ml



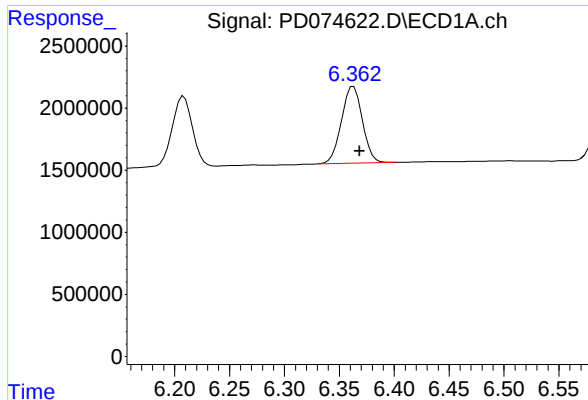
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 7252660
Conc: 2.63 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.005 min
Response: 3277960
Conc: 2.32 ng/ml



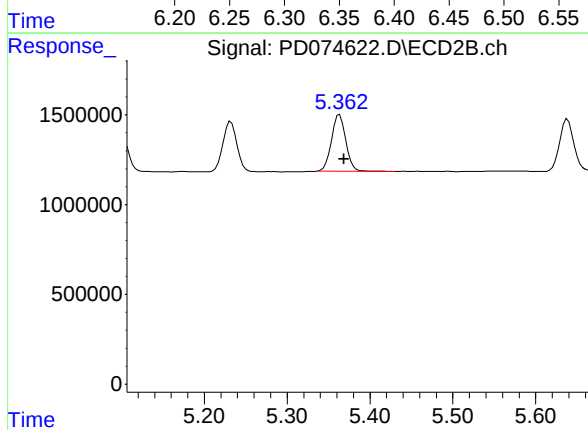
#13 Dieldrin

R.T.: 6.363 min
Delta R.T.: -0.006 min
Response: 8209542
Conc: 2.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

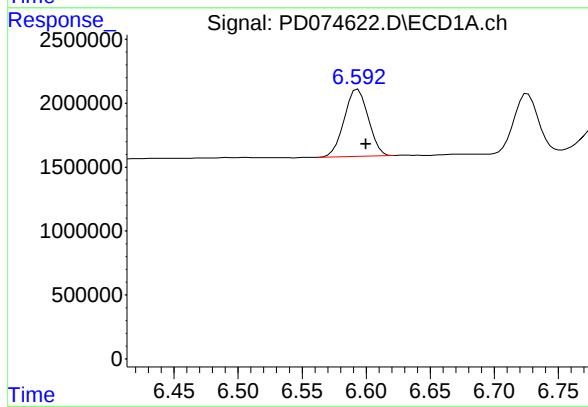
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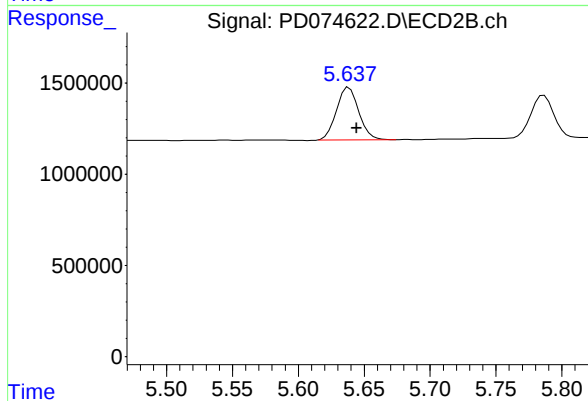
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.005 min
Response: 3783119
Conc: 2.52 ng/ml



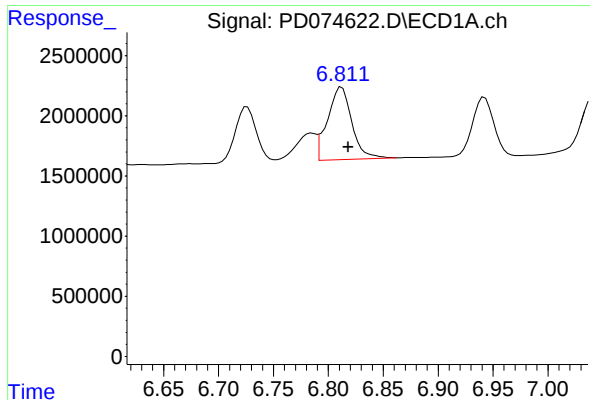
#14 Endrin

R.T.: 6.594 min
Delta R.T.: -0.006 min
Response: 6859743
Conc: 2.76 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.006 min
Response: 3385327
Conc: 2.59 ng/ml



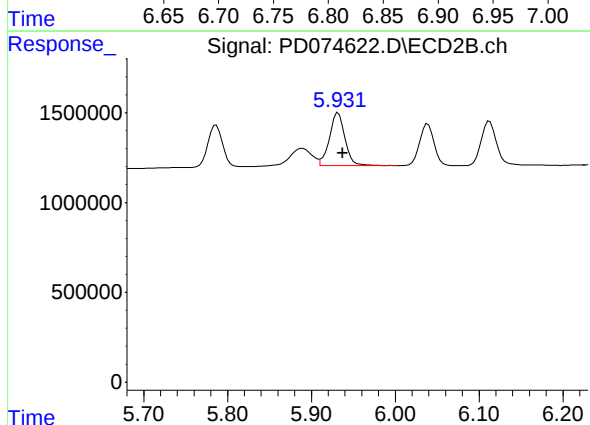
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.006 min
Response: 9276444
Conc: 3.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

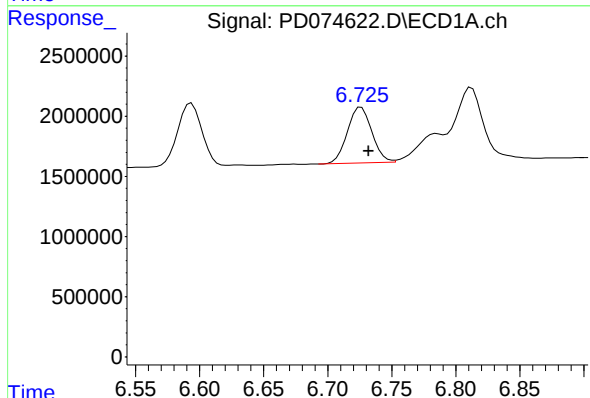
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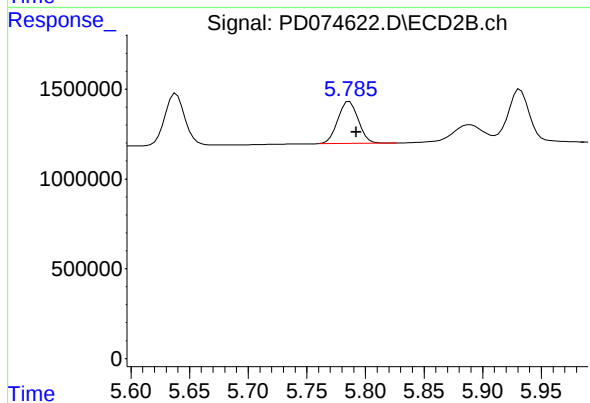
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 3790566
Conc: 3.01 ng/ml



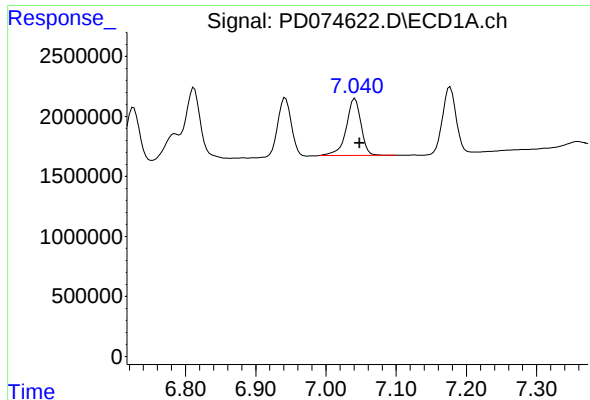
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: -0.006 min
Response: 6152101
Conc: 2.74 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.006 min
Response: 2839758
Conc: 2.43 ng/ml



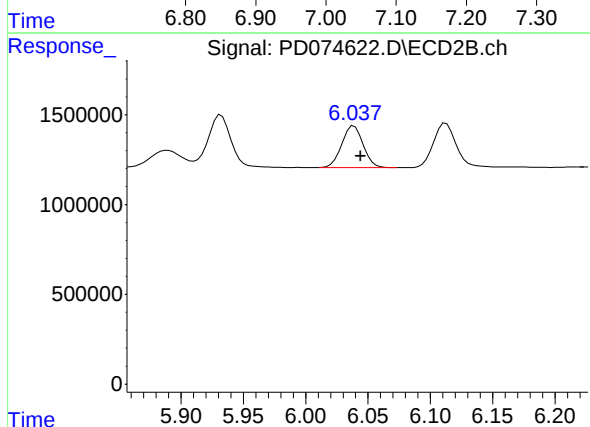
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: -0.007 min
Response: 6941322
Conc: 2.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

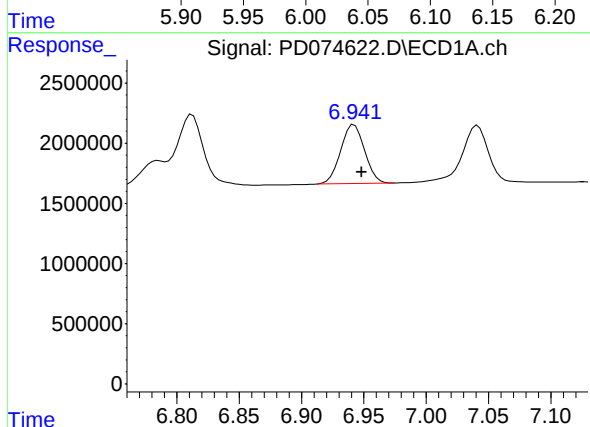
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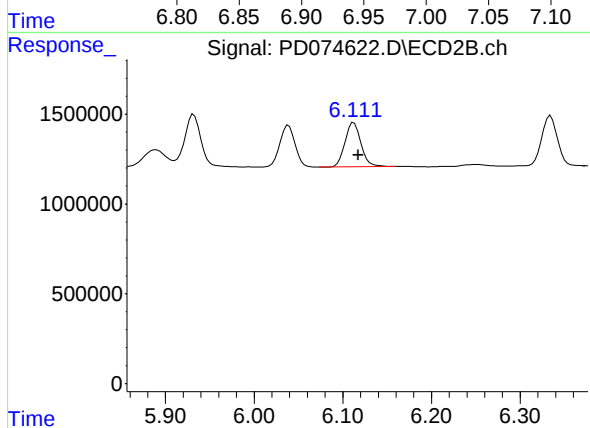
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: -0.005 min
Response: 2788377
Conc: 2.27 ng/ml



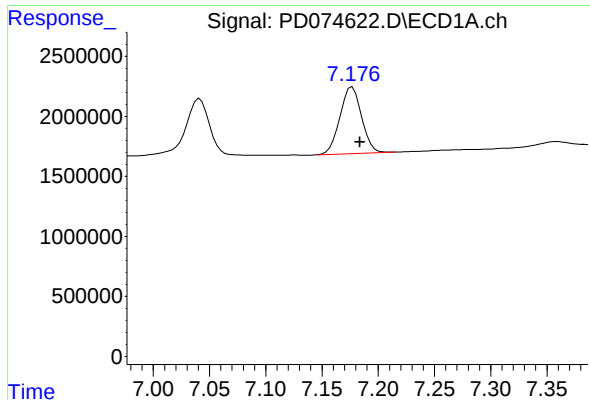
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 6523179
Conc: 3.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 3102879
Conc: 3.06 ng/ml



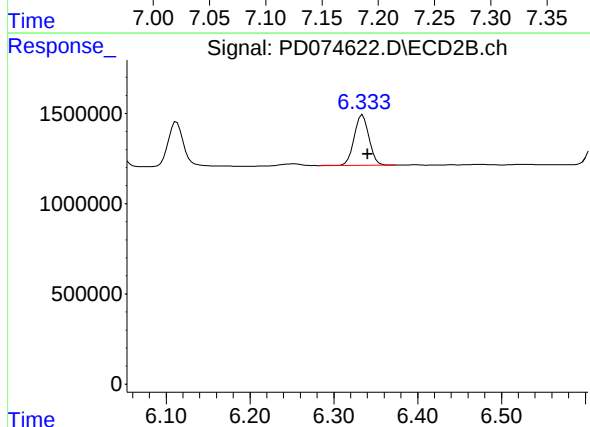
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.007 min
Response: 7447321
Conc: 3.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
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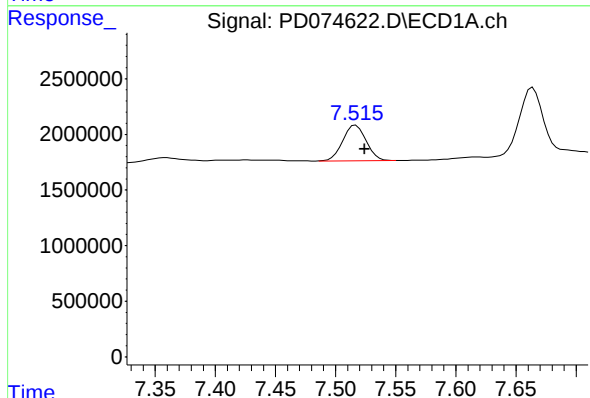
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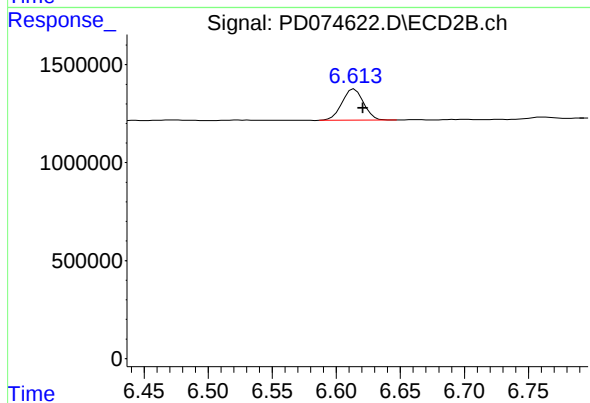
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: -0.006 min
Response: 3463413
Conc: 2.84 ng/ml



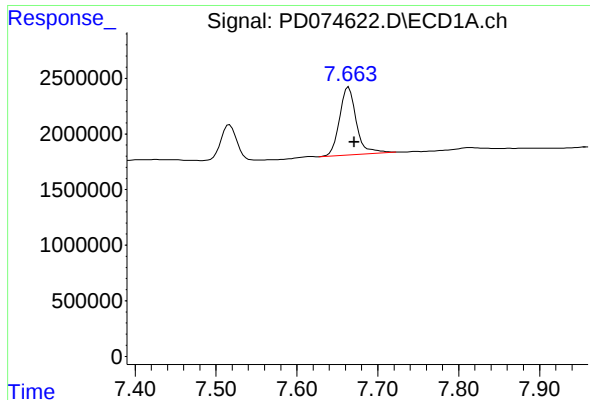
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: -0.007 min
Response: 4337883
Conc: 3.10 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.007 min
Response: 1874180
Conc: 2.77 ng/ml



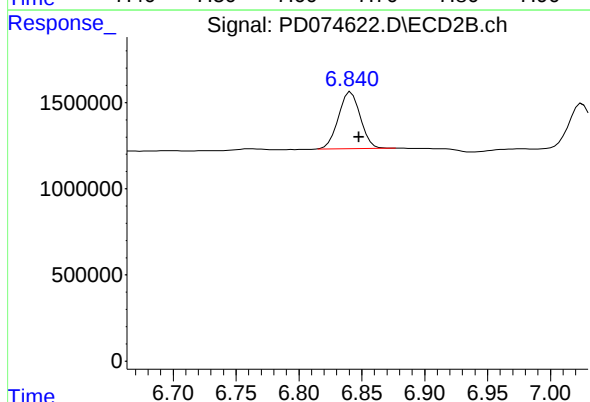
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 8806117
Conc: 3.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

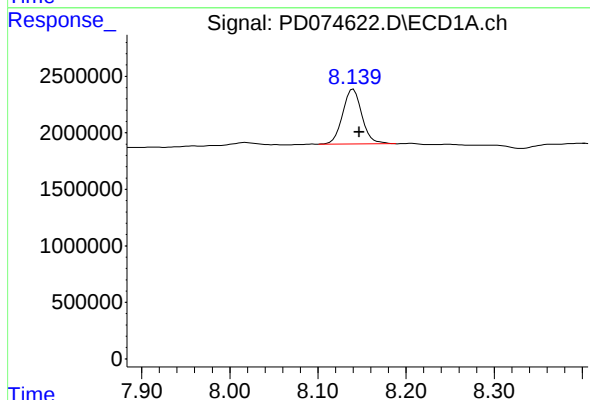
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



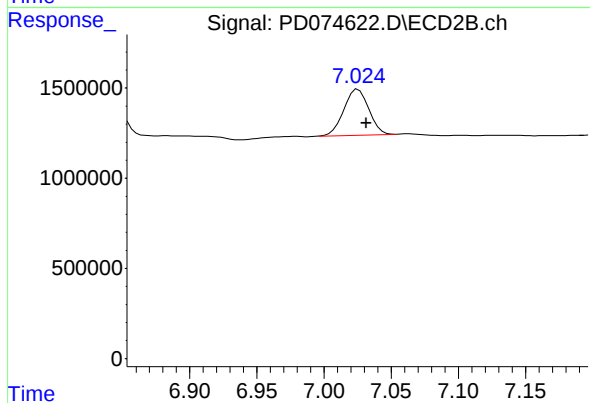
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 3971331
Conc: 2.69 ng/ml



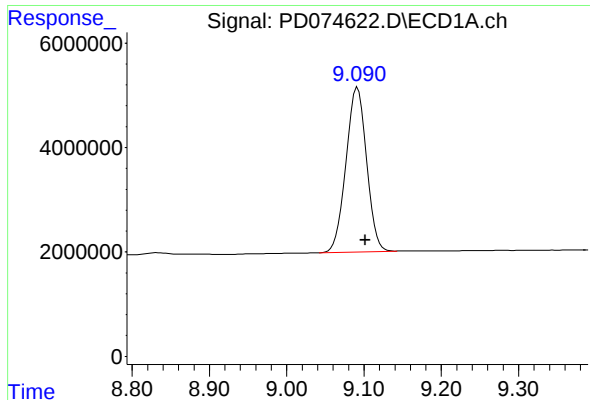
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 7360057
Conc: 3.47 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: -0.006 min
Response: 3310596
Conc: 2.91 ng/ml



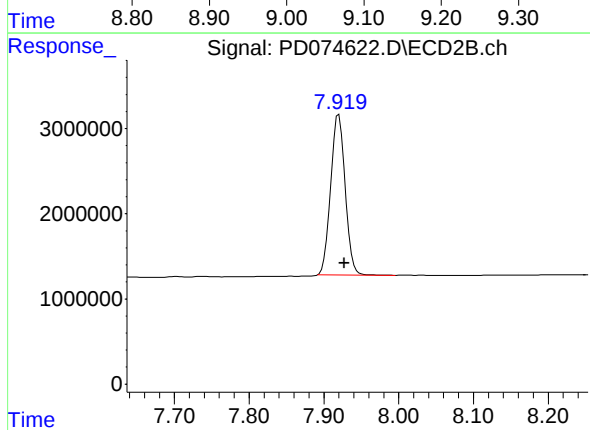
#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: -0.010 min
Response: 58040890
Conc: 21.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 04/10/2023



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.008 min
Response: 25471947
Conc: 20.76 ng/ml