

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 13:16
 Operator : AR\AJ
 Sample : Q1168-01
 Misc : PEST LOD 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:23:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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...	3.555	2.882	37764032	261.2E6	18.955	21.715
28)	SA Decachlor...	9.085	8.082	61109808	295.1E6	20.036	20.882
Target Compounds							
2)	A alpha-BHC	4.005	3.395	3624410	25389230	0.901	1.358 #
3)	MA gamma-BHC...	4.335	3.732	4394351	23533441	1.104m	1.325
4)	MA Heptachlor	4.937	4.087	4220465	23442188	1.132	1.353
5)	MB Aldrin	5.278	4.372	3865866	23220331	1.010	1.329m#
6)	B beta-BHC	4.521	4.029	1830128	11361549	1.159	1.490 #
7)	B delta-BHC	4.770	4.266	5131161	25218902	1.272	1.394
8)	B Heptachlo...	5.697	4.877	3692085	22423453	1.080m	1.420m#
9)	A Endosulfan I	6.082	5.252	3421764	19929276	1.086	1.337m
10)	B gamma-Chl...	5.951	5.130	3194608	22029923	0.967m	1.354m#
11)	B alpha-Chl...	6.035	5.195	3645645	22498408	1.094	1.410m#
12)	B 4,4'-DDE	6.202	5.380	2920836	20486177	0.968m	1.302m#
13)	MA Dieldrin	6.355	5.519	3450502	21081026	1.022	1.294 #
14)	MA Endrin	6.581	5.794	2712965	20228413	0.936m	1.358m#
15)	B Endosulfa...	6.793	6.088	2603308	19549287	0.907m	1.369 #
16)	A 4,4'-DDD	6.711	5.937	2502279	19343527	1.040m	1.463 #
17)	MA 4,4'-DDT	7.030	6.191	2042339	11078612	0.793	0.823
18)	B Endrin al...	6.921	6.265	2598254	17245241	1.122m	1.479 #
19)	B Endosulfa...	7.156	6.489	2843883	18689709	1.037	1.315 #
20)	A Methoxychlor	7.502	6.763	1386941	7742756	0.945	1.013
21)	B Endrin ke...	7.638	6.999	3138926	20386473	1.021	1.307 #
22)	Mirex	8.123	7.194	2625761	16657635	1.133	1.316

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 13:16
Operator : AR\AJ
Sample : Q1168-01
Misc : PEST LOD 1PPB
ALS Vial : 9 Sample Multiplier: 1

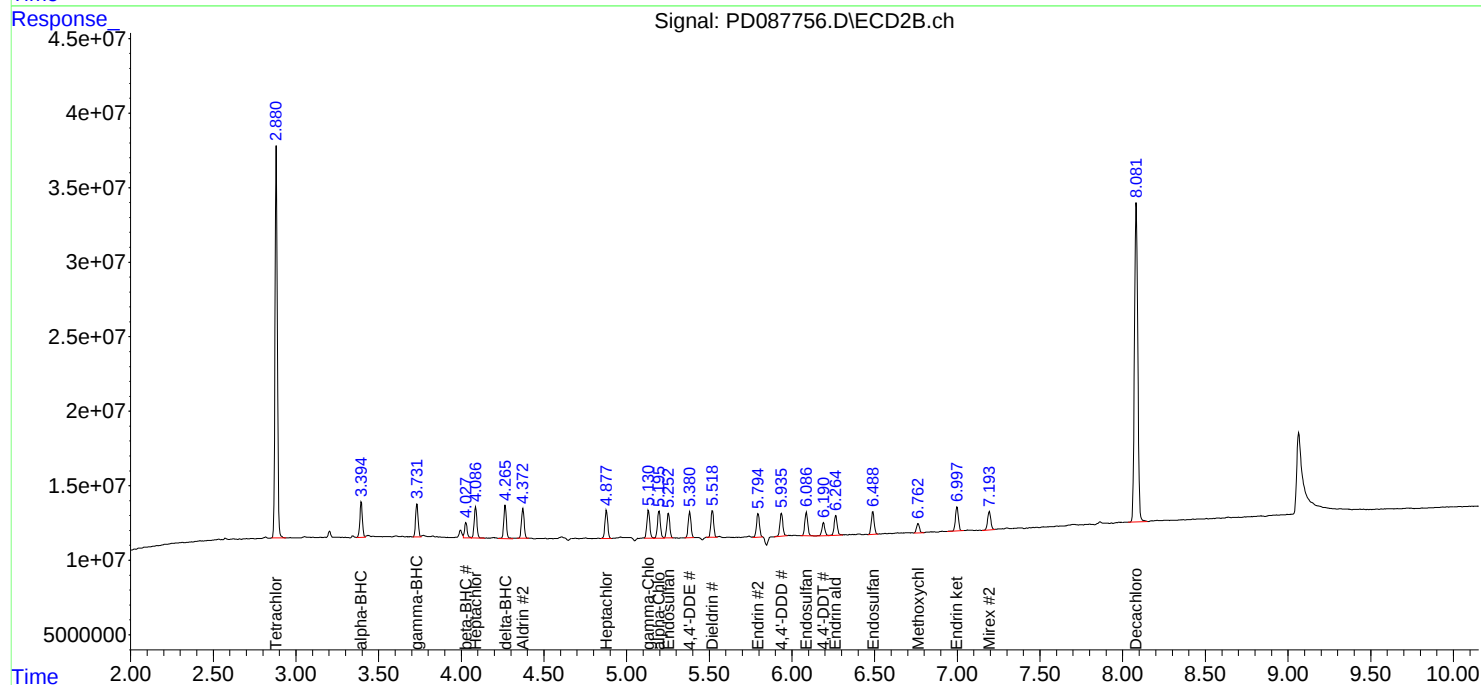
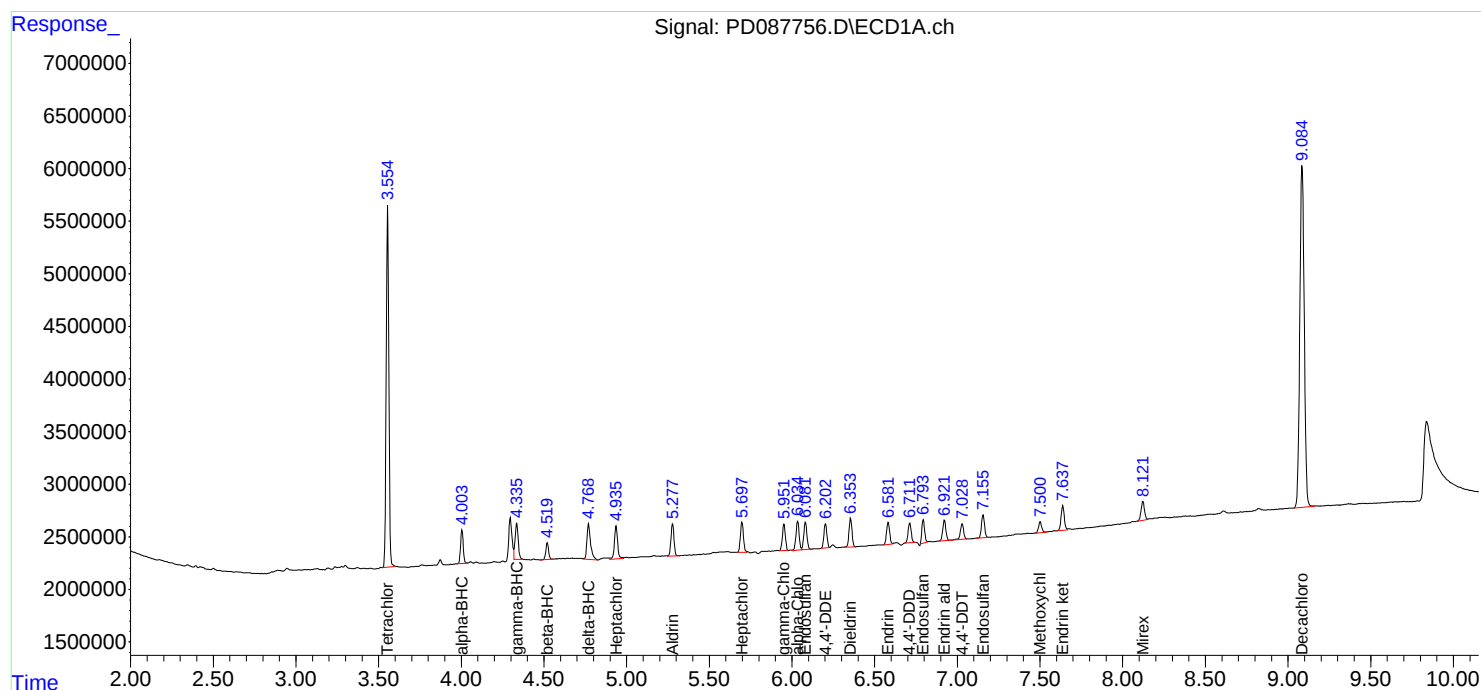
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

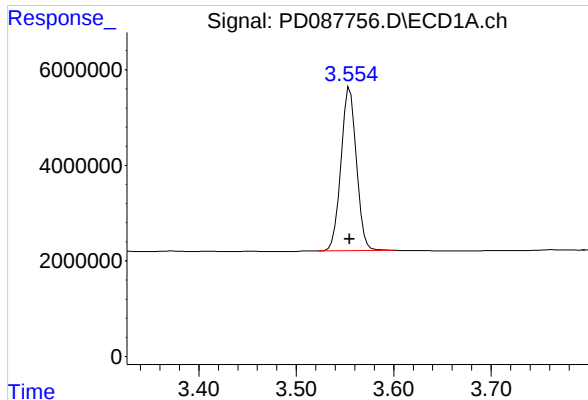
Manual Integrations
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Reviewed By : Abdul Mirza 02/07/2025
Supervised By : Ankita Jodhani 02/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:23:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
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





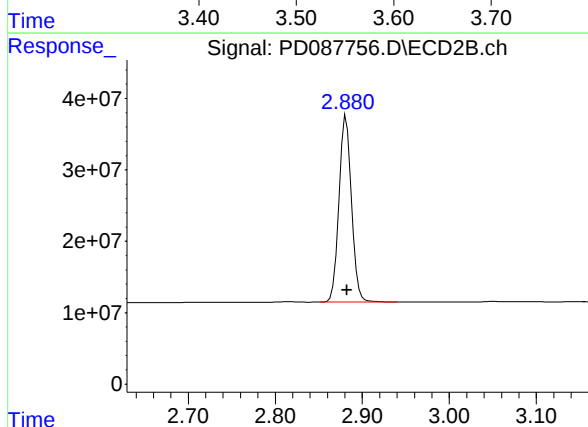
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 37764032
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

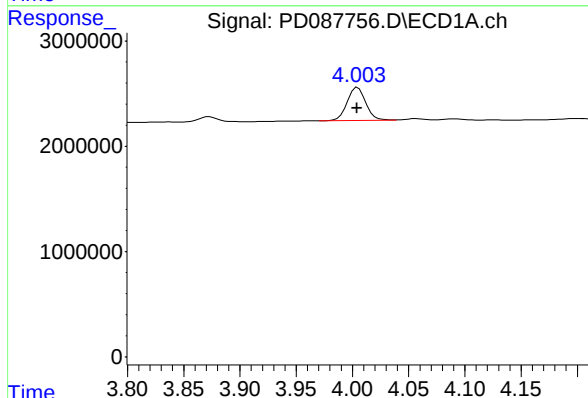
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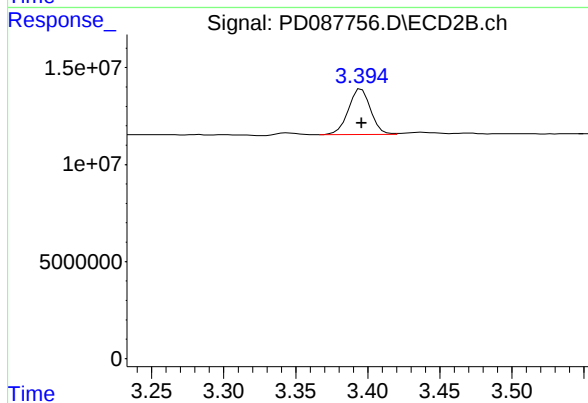
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 261166739
Conc: 21.72 ng/ml



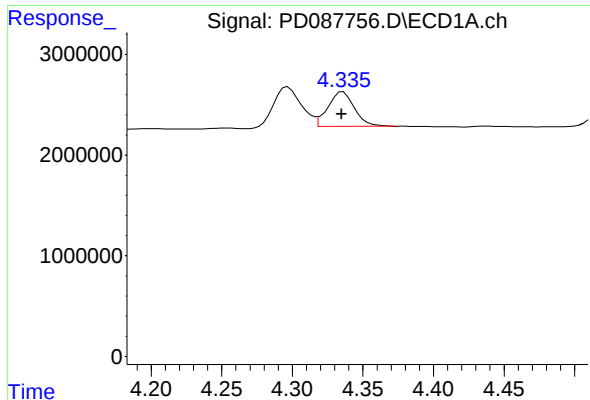
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 3624410
Conc: 0.90 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 25389230
Conc: 1.36 ng/ml



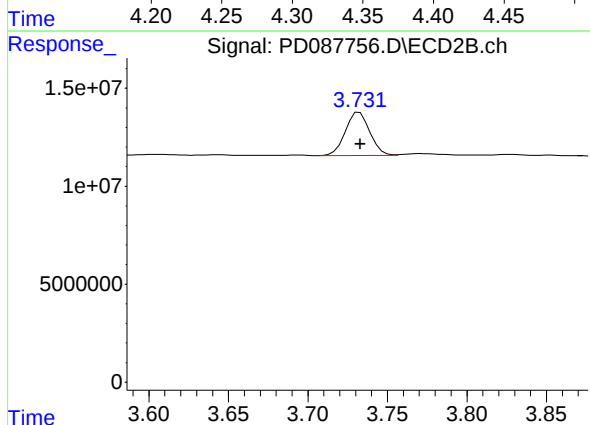
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 4394351
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

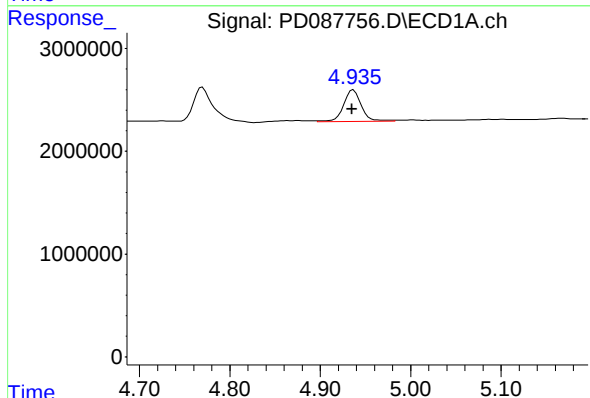
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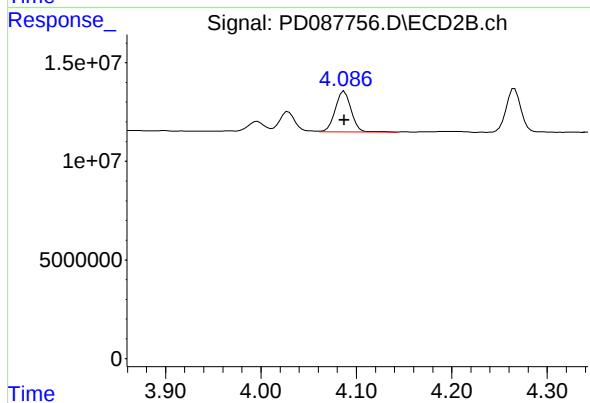
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 23533441
Conc: 1.33 ng/ml



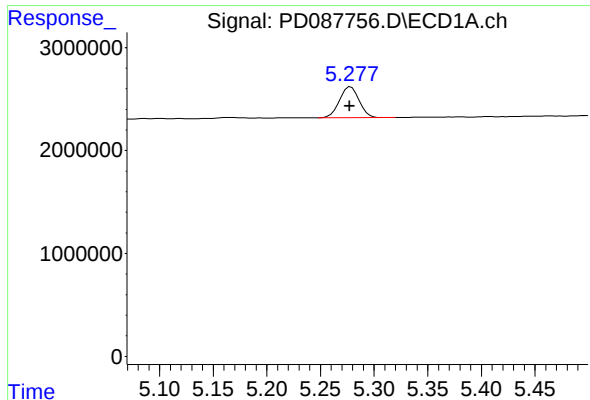
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 4220465
Conc: 1.13 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 23442188
Conc: 1.35 ng/ml



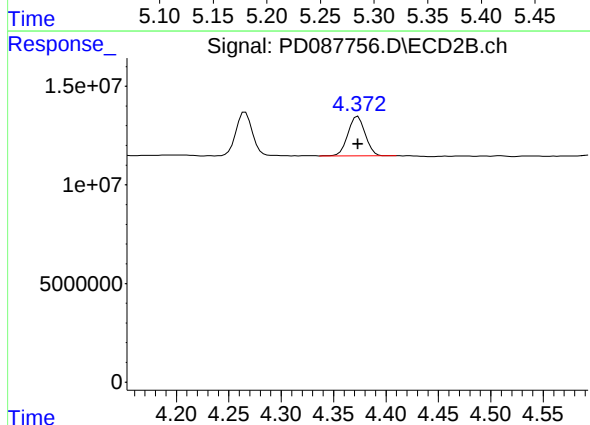
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.001 min
Response: 3865866
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

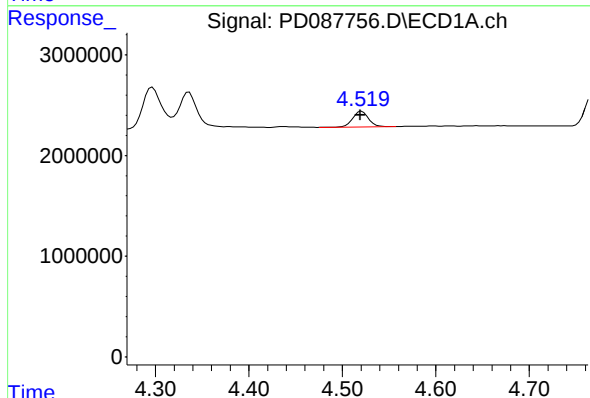
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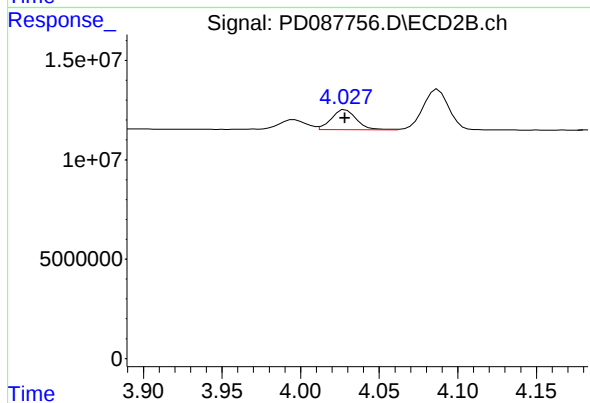
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 23220331
Conc: 1.33 ng/ml m



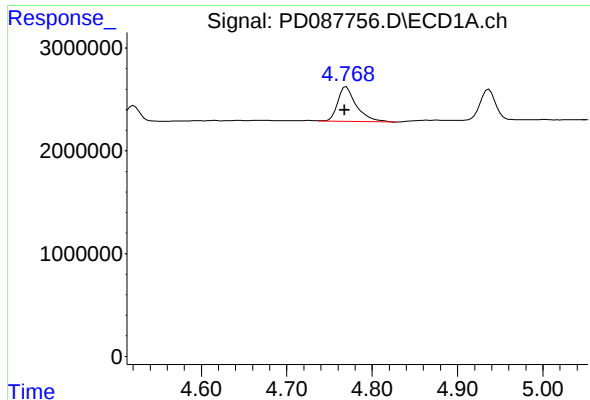
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 1830128
Conc: 1.16 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 11361549
Conc: 1.49 ng/ml



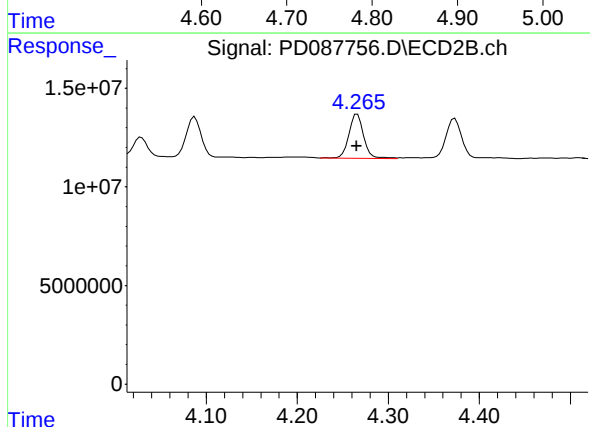
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 5131161
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

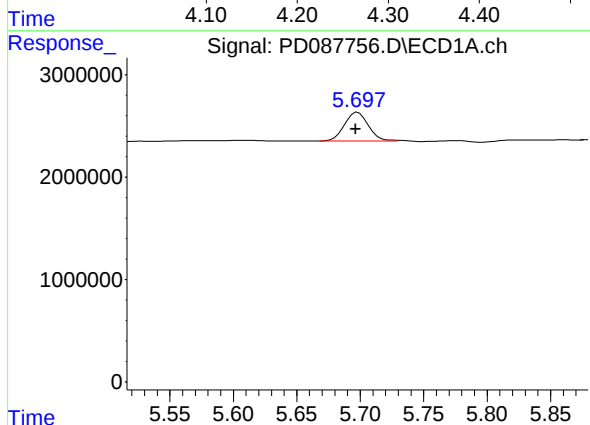
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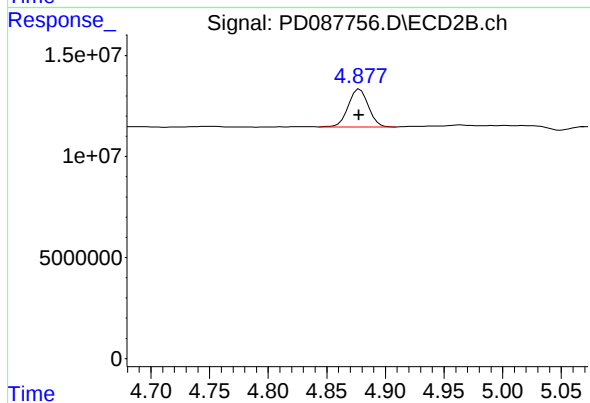
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 25218902
Conc: 1.39 ng/ml



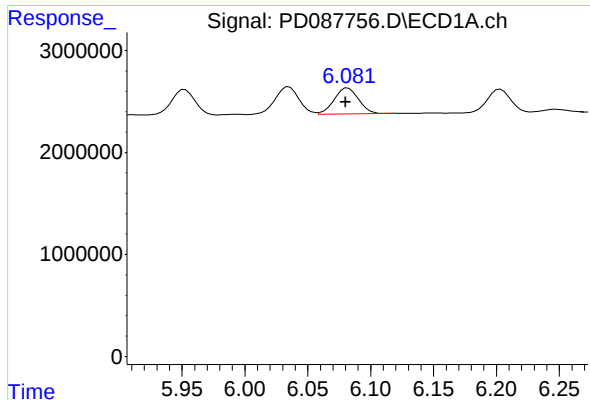
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 3692085
Conc: 1.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 22423453
Conc: 1.42 ng/ml m



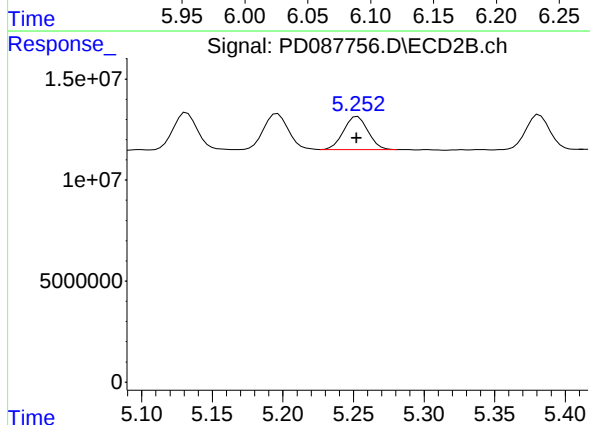
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 3421764
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

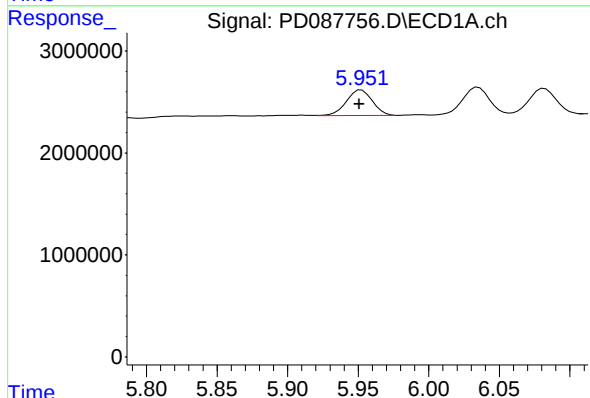
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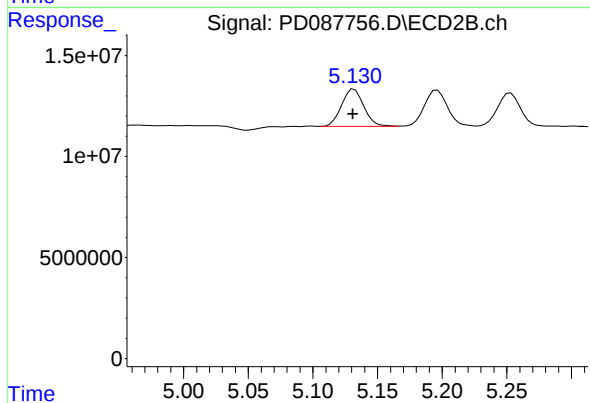
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 19929276
Conc: 1.34 ng/ml m



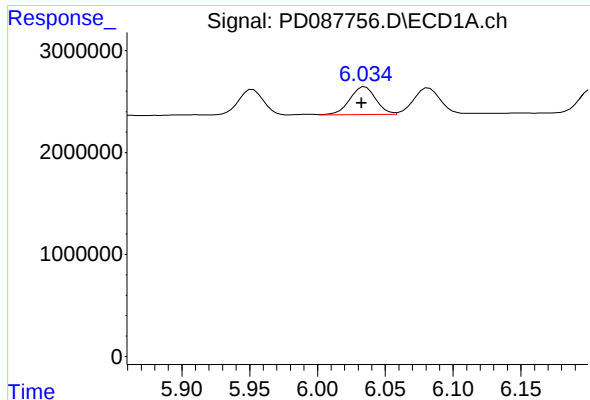
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 3194608
Conc: 0.97 ng/ml m



#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 22029923
Conc: 1.35 ng/ml m



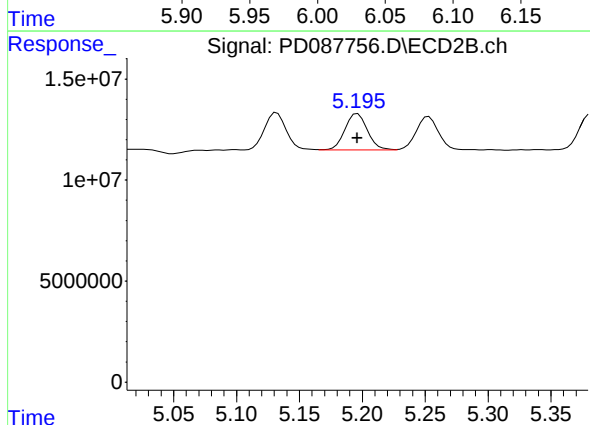
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 3645645
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

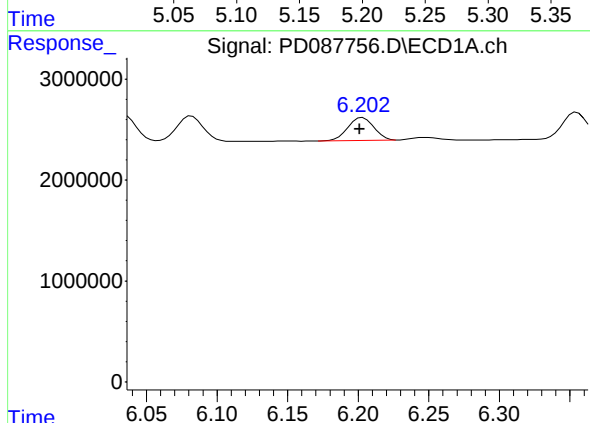
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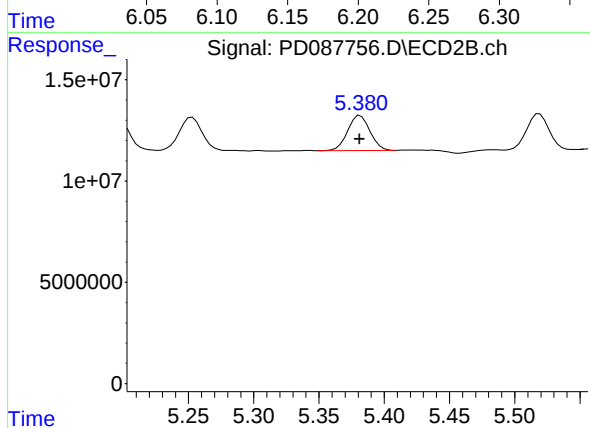
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: -0.001 min
Response: 22498408
Conc: 1.41 ng/ml m



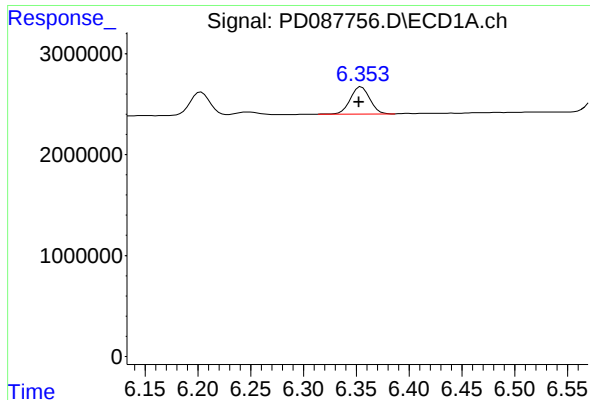
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 2920836
Conc: 0.97 ng/ml m



#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 20486177
Conc: 1.30 ng/ml m



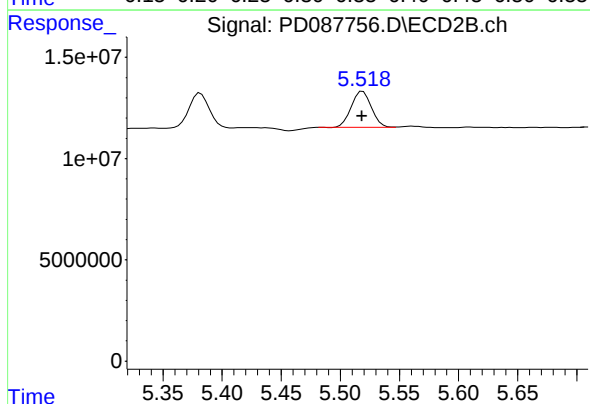
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 3450502
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

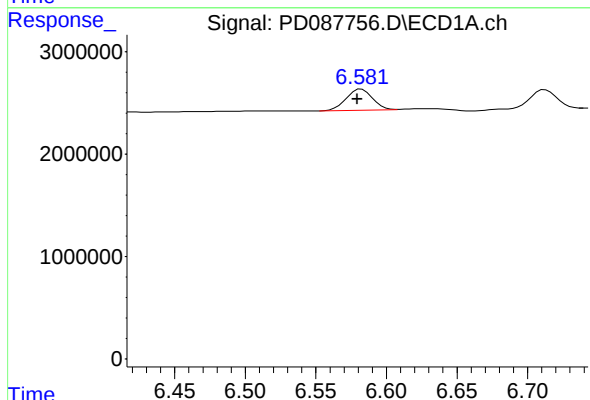
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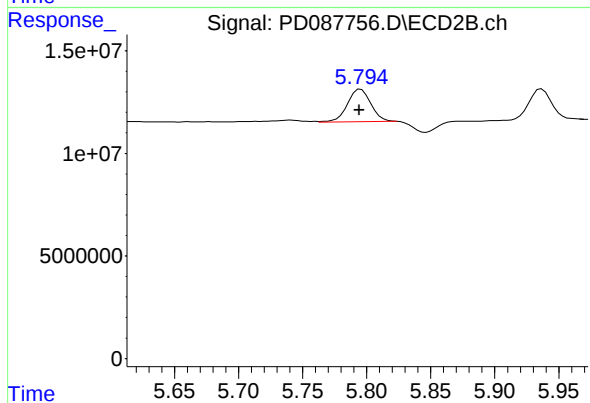
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 21081026
Conc: 1.29 ng/ml



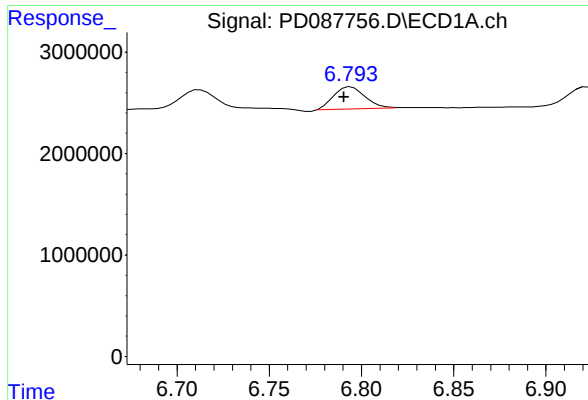
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 2712965
Conc: 0.94 ng/ml m



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 20228413
Conc: 1.36 ng/ml m



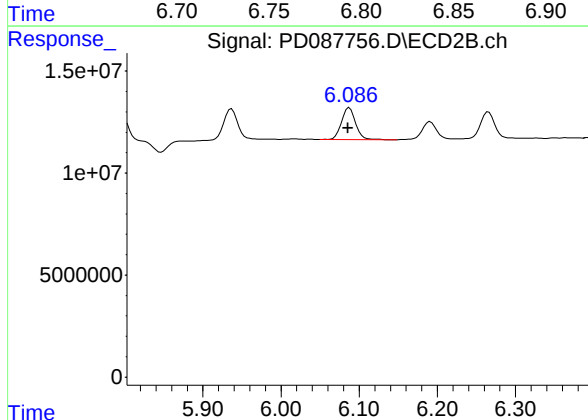
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.002 min
Response: 2603308
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

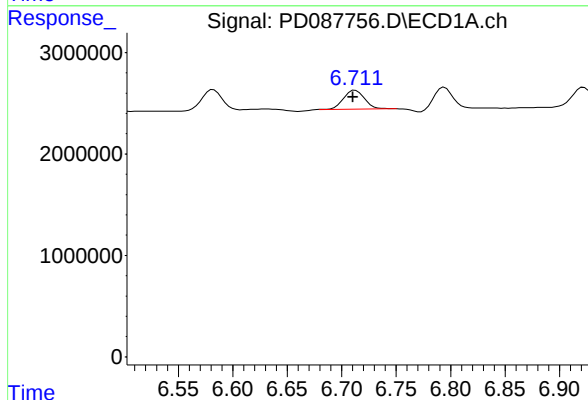
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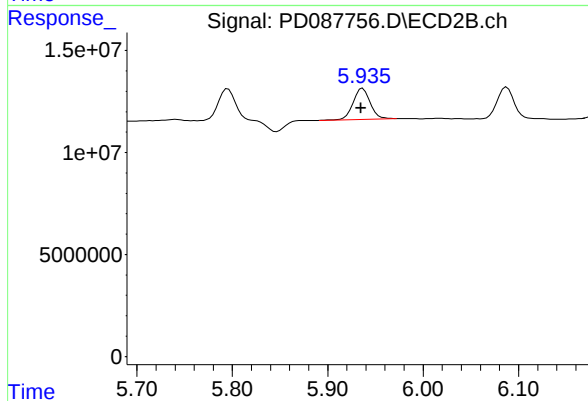
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.002 min
Response: 19549287
Conc: 1.37 ng/ml



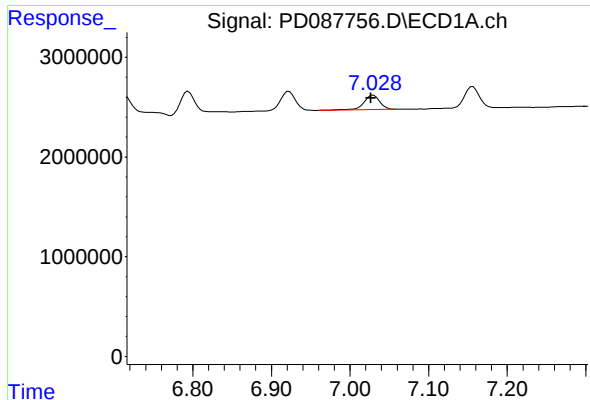
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 2502279
Conc: 1.04 ng/ml m



#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 19343527
Conc: 1.46 ng/ml



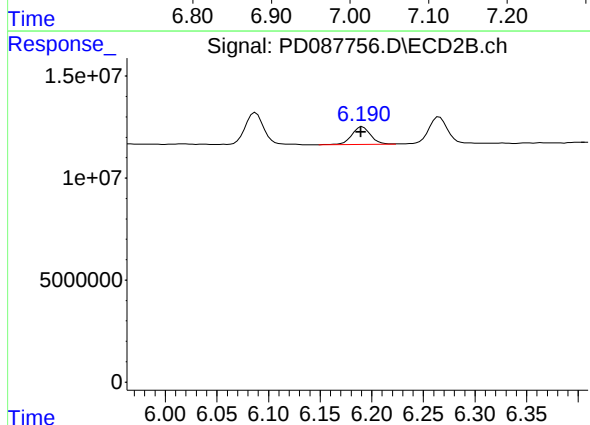
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 2042339
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

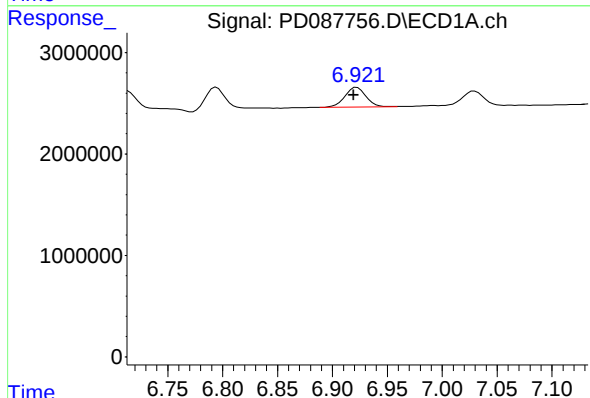
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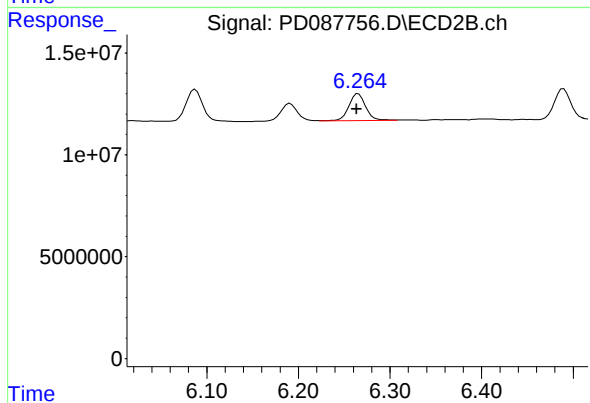
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 11078612
Conc: 0.82 ng/ml



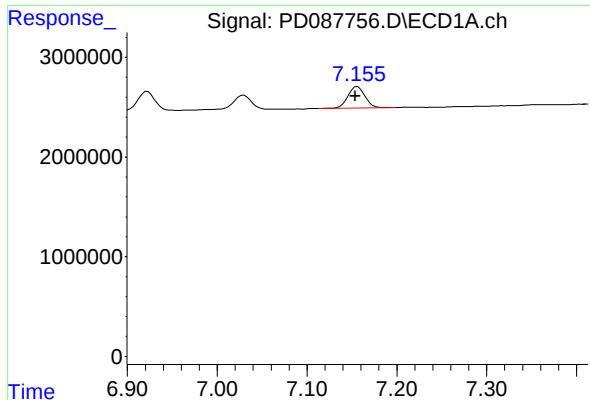
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.002 min
Response: 2598254
Conc: 1.12 ng/ml m



#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 17245241
Conc: 1.48 ng/ml



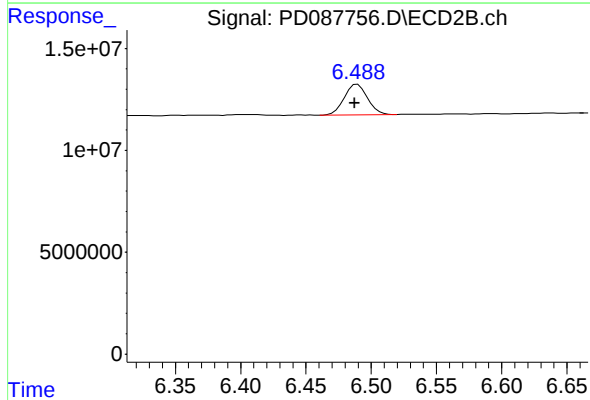
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.003 min
Response: 2843883
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

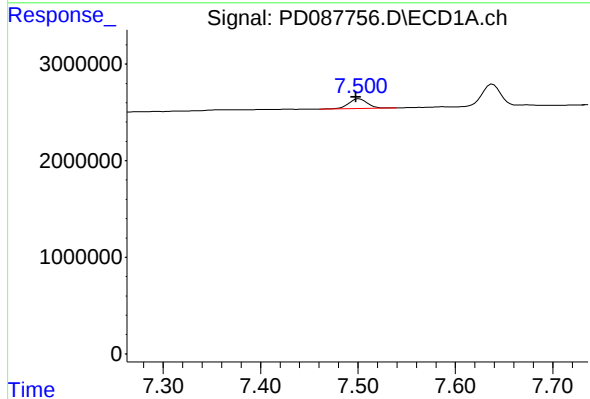
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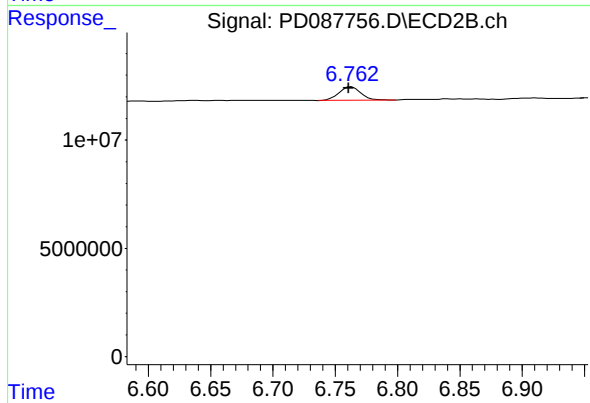
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 18689709
Conc: 1.31 ng/ml



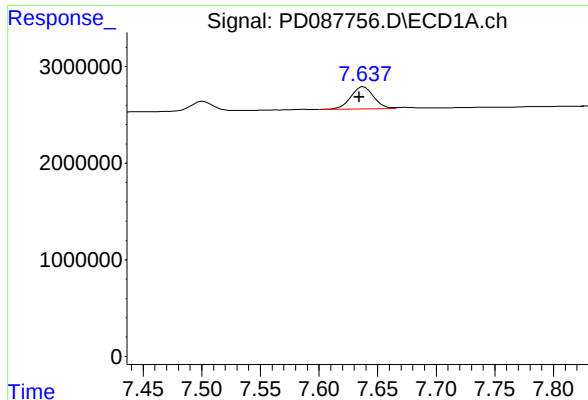
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 1386941
Conc: 0.94 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 7742756
Conc: 1.01 ng/ml



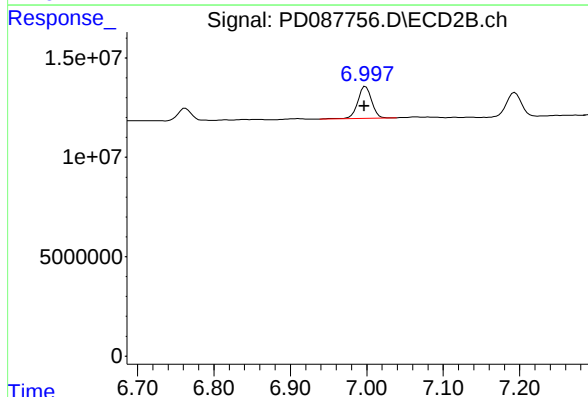
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 3138926
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

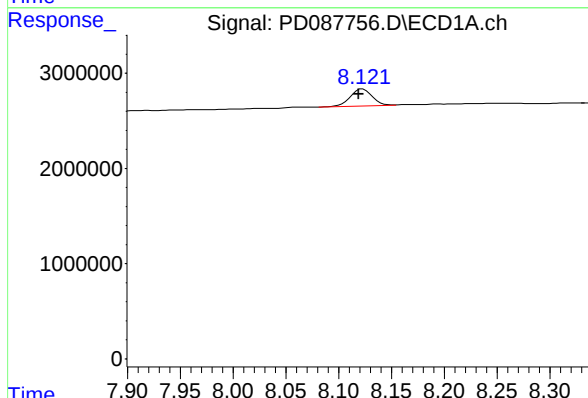
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2025
Supervised By :Ankita Jodhani 02/07/2025



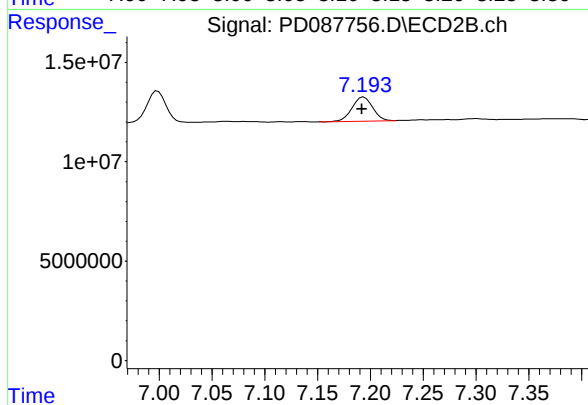
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 20386473
Conc: 1.31 ng/ml



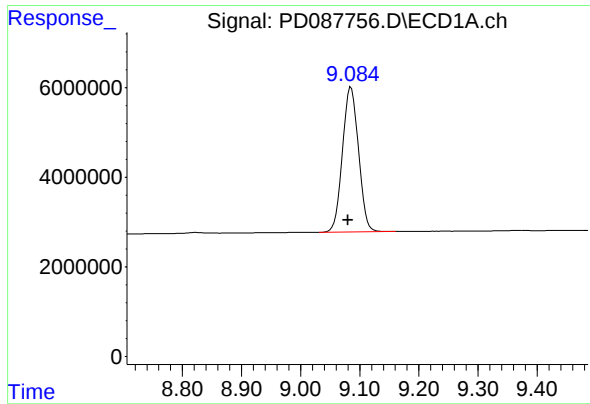
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.004 min
Response: 2625761
Conc: 1.13 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 16657635
Conc: 1.32 ng/ml



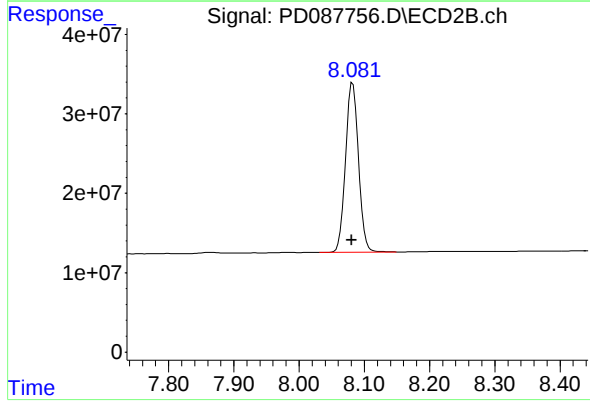
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 61109808
Conc: 20.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/07/2025



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.002 min
Response: 295103562
Conc: 20.88 ng/ml