

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 13:45
 Operator : AR\AJ
 Sample : Q1168-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 11 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 04:24:41 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	36276314	252.8E6	18.208	21.021
28)	SA Decachlor...	9.088	8.083	58321221	285.1E6	19.122	20.173
Target Compounds							
2)	A alpha-BHC	4.004	3.396	8398831	57158344	2.087	3.058 #
3)	MA gamma-BHC...	4.335	3.733	9269546	54244262	2.329m	3.055 #
4)	MA Heptachlor	4.937	4.088	9461097	53851881	2.538	3.108
5)	MB Aldrin	5.279	4.374	9074005	56389684	2.371	3.227 #
6)	B beta-BHC	4.521	4.029	4321472	25051144	2.737	3.285
7)	B delta-BHC	4.770	4.266	10510485	56616480	2.606	3.129
8)	B Heptachlo...	5.697	4.878	8556847	51664880	2.504m	3.271 #
9)	A Endosulfan I	6.082	5.252	8022358	46491561	2.547	3.119m
10)	B gamma-Chl...	5.953	5.131	8106657	51282455	2.453	3.153m#
11)	B alpha-Chl...	6.033	5.196	8406352	50993575	2.524m	3.196m#
12)	B 4,4'-DDE	6.202	5.381	7131197	48743635	2.363m	3.098m#
13)	MA Dieldrin	6.355	5.520	8011591	50426330	2.372	3.095 #
14)	MA Endrin	6.583	5.795	6330824	44936051	2.185	3.017m#
15)	B Endosulfa...	6.794	6.088	6827224	44928459	2.378	3.147 #
16)	A 4,4'-DDD	6.713	5.937	6041383	43708721	2.510	3.306 #
17)	MA 4,4'-DDT	7.028	6.192	4884169	28420712	1.896m	2.111
18)	B Endrin al...	6.923	6.265	6003189	37505804	2.591	3.217m
19)	B Endosulfa...	7.157	6.490	6736946	43592454	2.457	3.066
20)	A Methoxychlor	7.502	6.763	3178598	18887380	2.165	2.471
21)	B Endrin ke...	7.638	7.000	7506997	48309866	2.441m	3.096 #
22)	Mirex	8.123	7.195	6080722	38801124	2.623	3.064

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 13:45
Operator : AR\AJ
Sample : Q1168-01
Misc : PEST LOD 2.5PPB
ALS Vial : 11 Sample Multiplier: 1

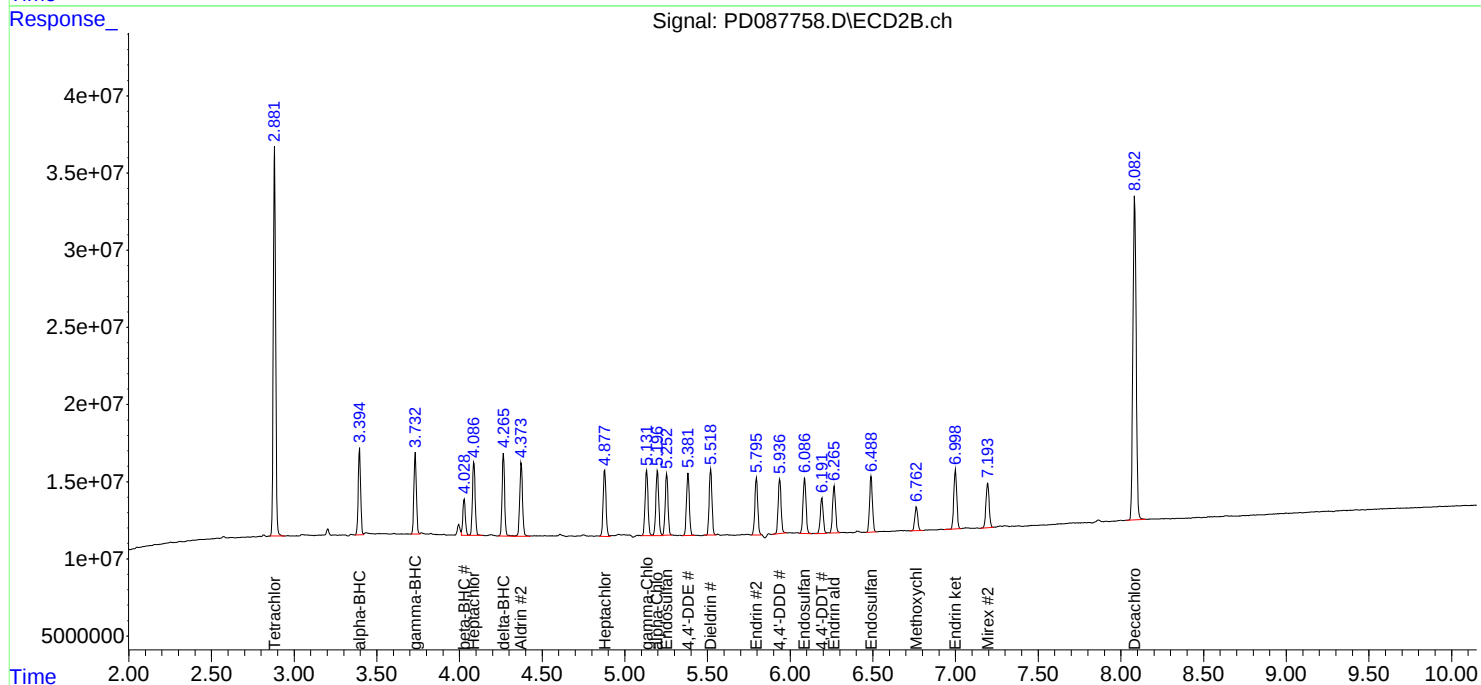
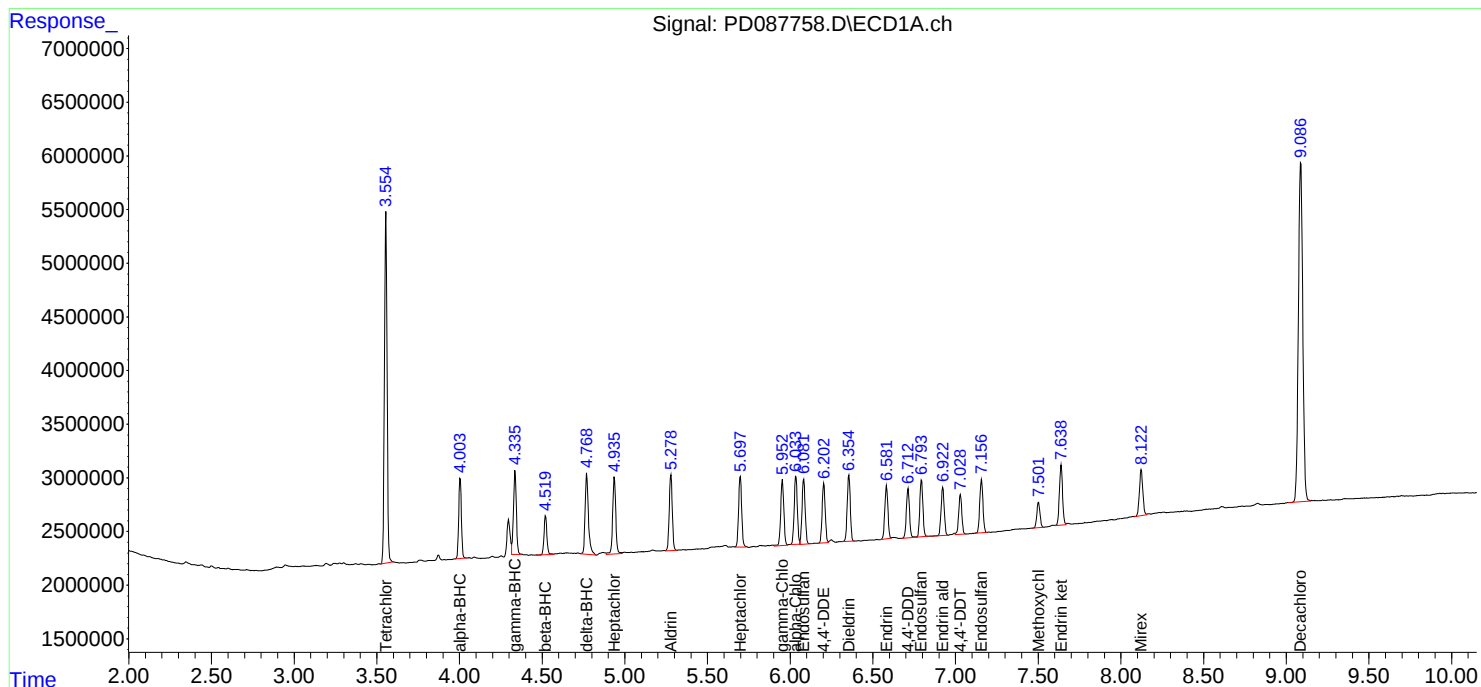
Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT1-2025

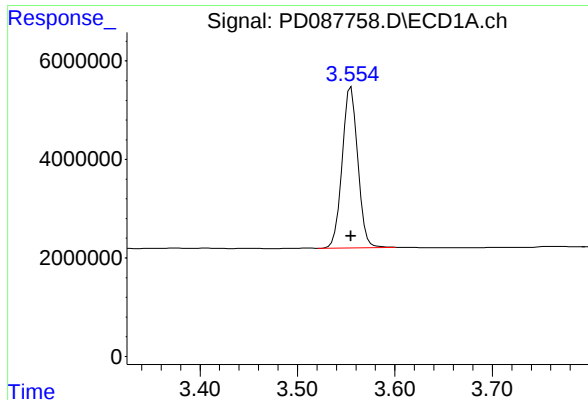
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:24:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
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Response via : Initial Calibration
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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





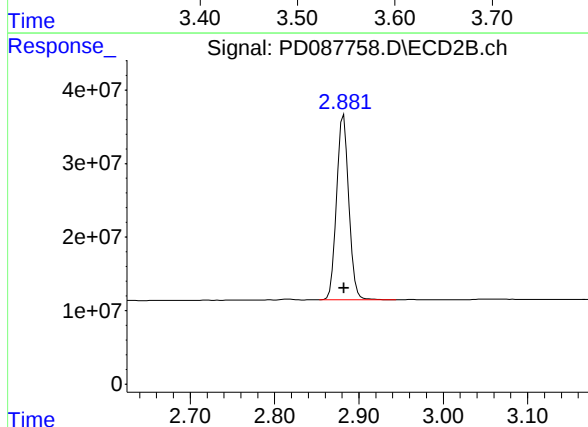
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 36276314
Conc: 18.21 ng/ml

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

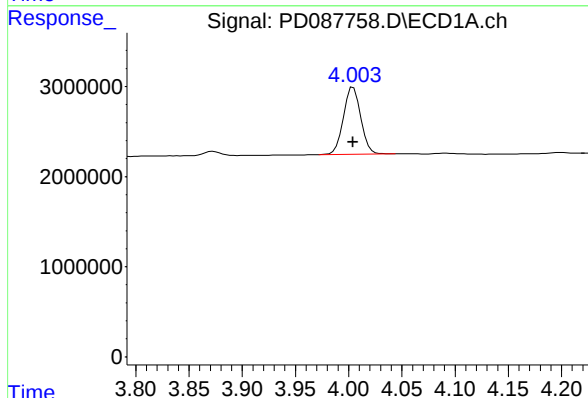
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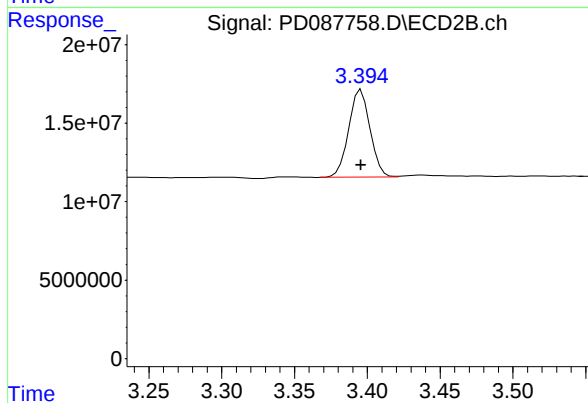
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 252821357
Conc: 21.02 ng/ml



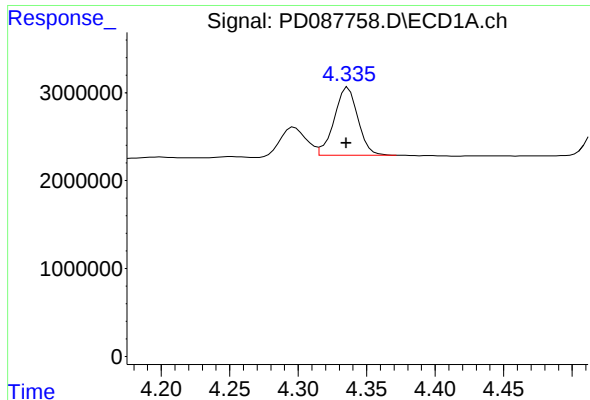
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 8398831
Conc: 2.09 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 57158344
Conc: 3.06 ng/ml



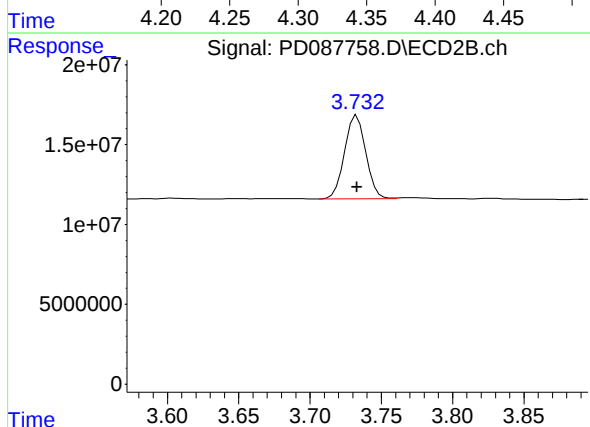
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 9269546
Conc: 2.33 ng/ml

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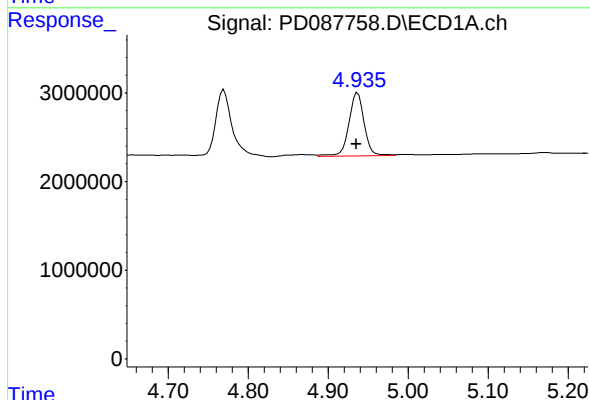
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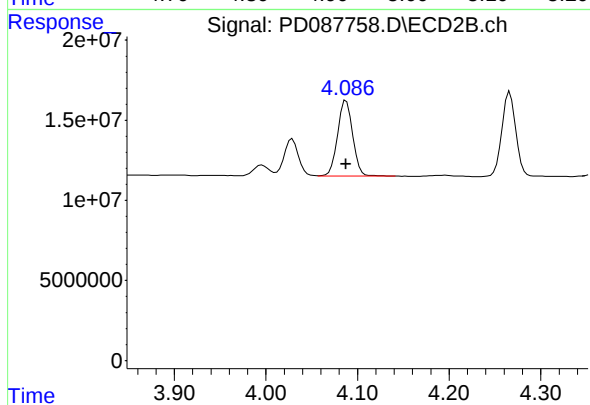
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 54244262
Conc: 3.06 ng/ml



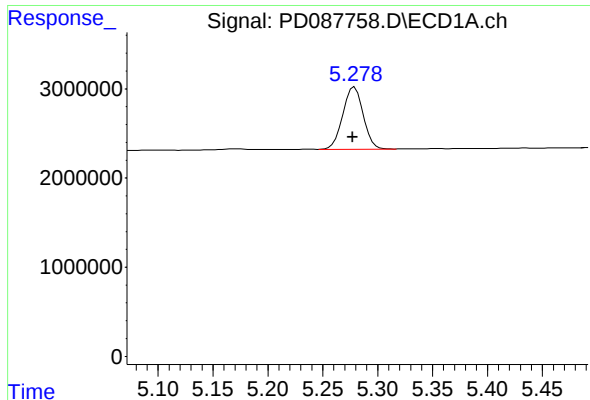
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 9461097
Conc: 2.54 ng/ml



#4 Heptachlor

R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 53851881
Conc: 3.11 ng/ml



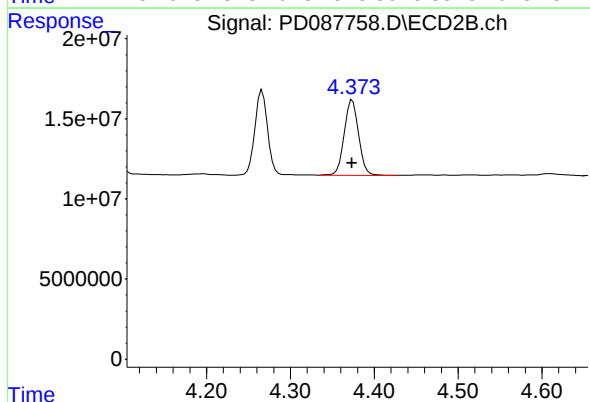
#5 Aldrin

R.T.: 5.279 min
Delta R.T.: 0.002 min
Response: 9074005
Conc: 2.37 ng/ml

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

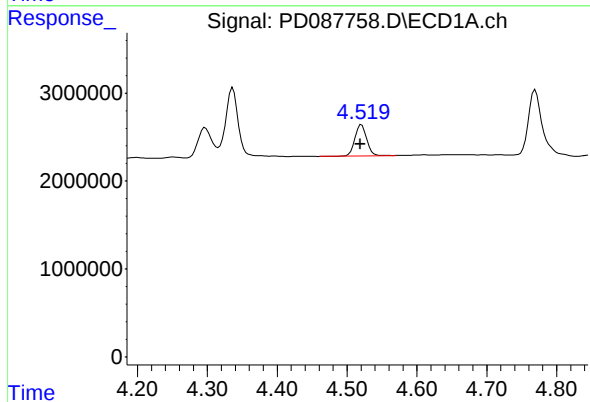
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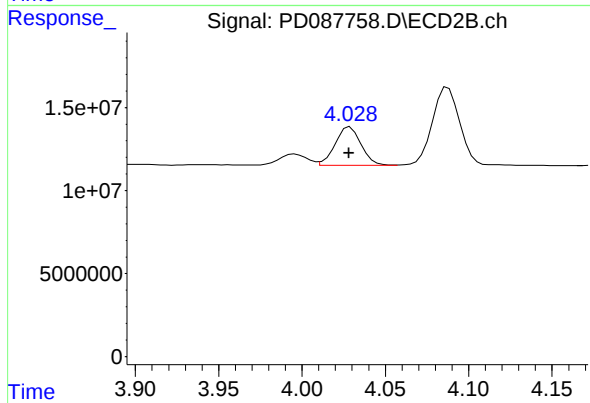
#5 Aldrin

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 56389684
Conc: 3.23 ng/ml



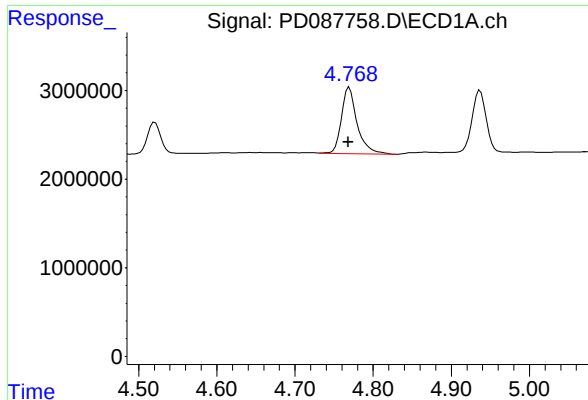
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 4321472
Conc: 2.74 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 25051144
Conc: 3.28 ng/ml



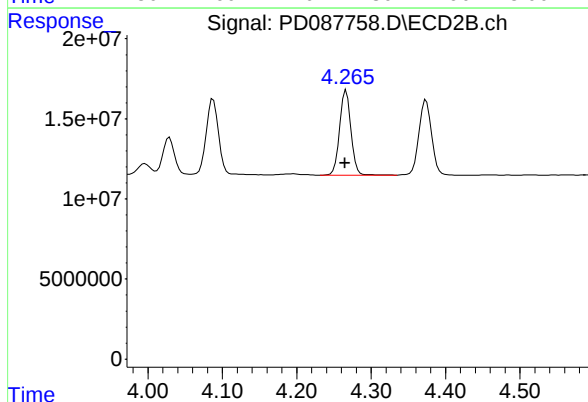
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 10510485
Conc: 2.61 ng/ml

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

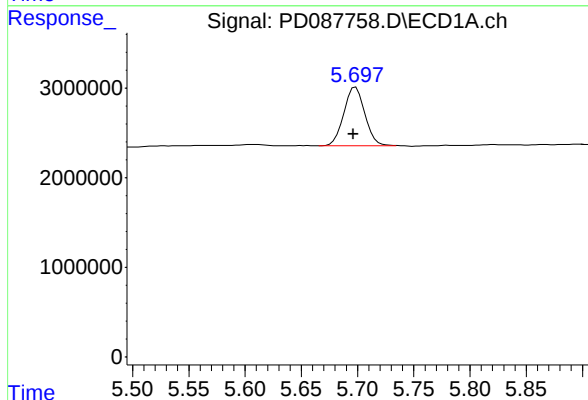
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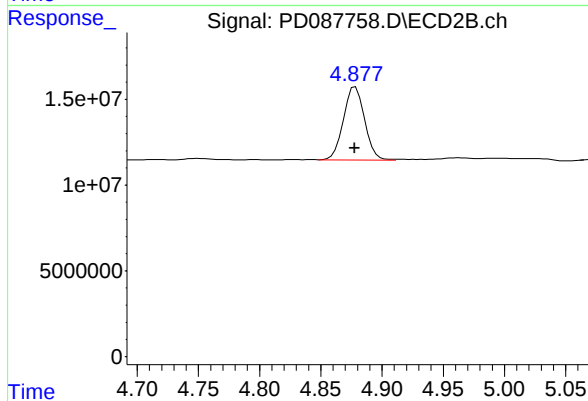
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.001 min
Response: 56616480
Conc: 3.13 ng/ml



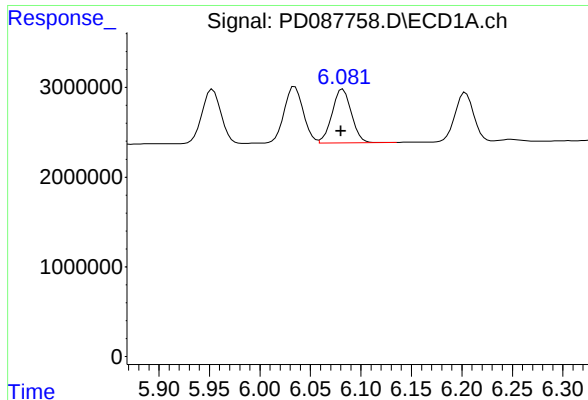
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 8556847
Conc: 2.50 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 51664880
Conc: 3.27 ng/ml



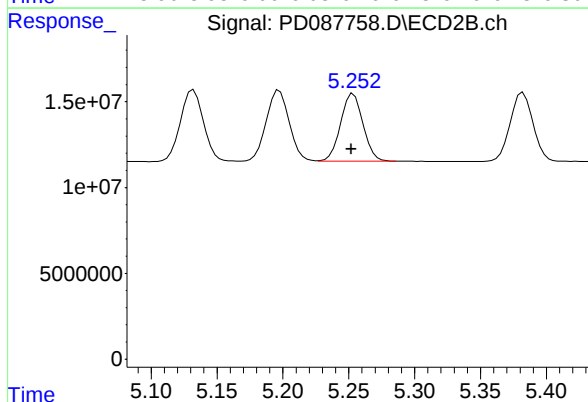
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 8022358
Conc: 2.55 ng/ml

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

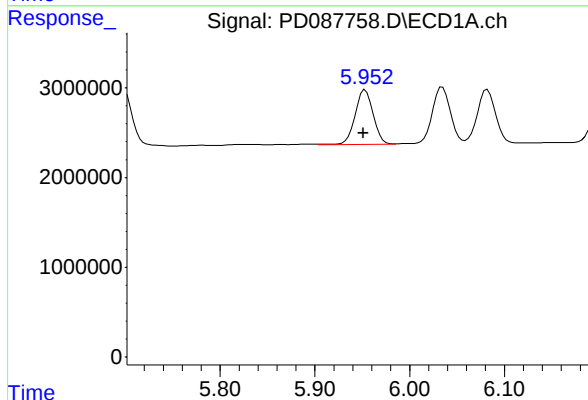
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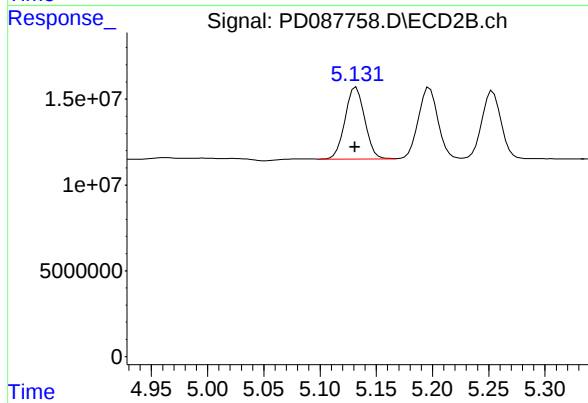
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 46491561
Conc: 3.12 ng/ml m



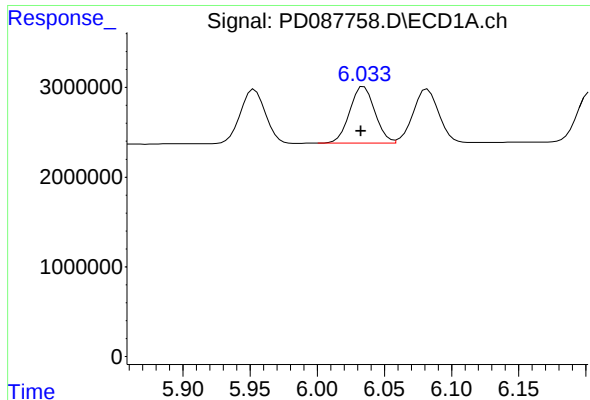
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 8106657
Conc: 2.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 51282455
Conc: 3.15 ng/ml m



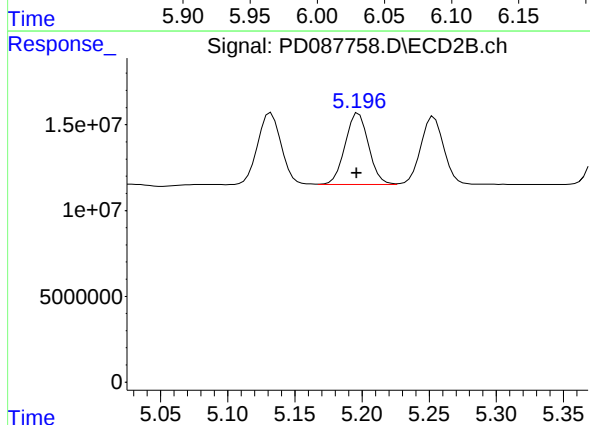
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 8406352
Conc: 2.52 ng/ml

Instrument :
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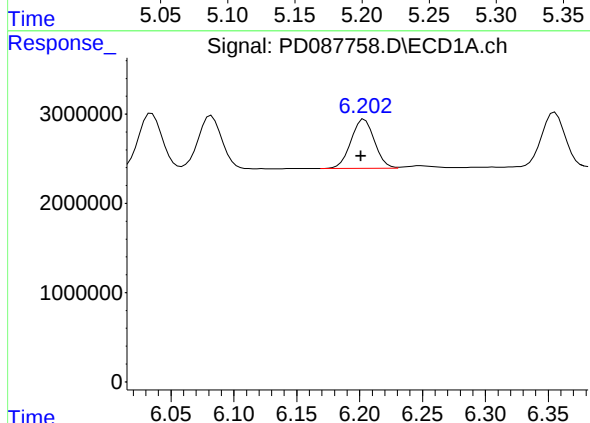
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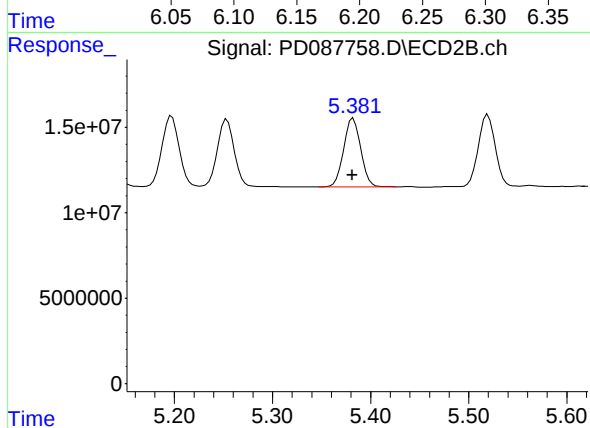
#11 alpha-Chlordane

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 50993575
Conc: 3.20 ng/ml m



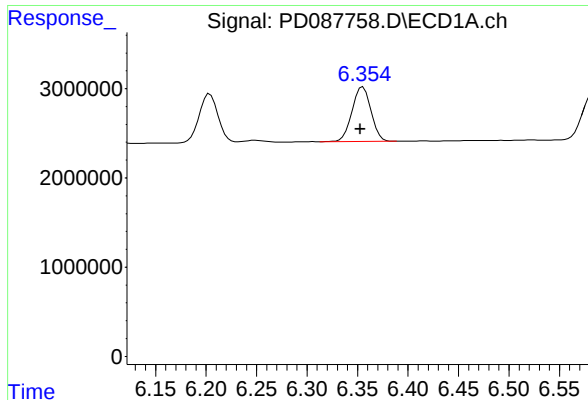
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 7131197
Conc: 2.36 ng/ml m



#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 48743635
Conc: 3.10 ng/ml m



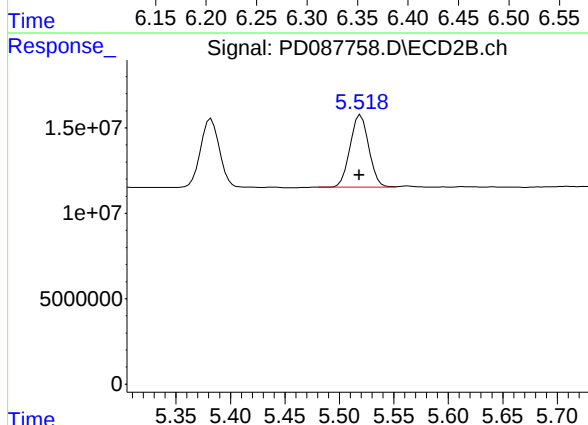
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.003 min
Response: 8011591
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
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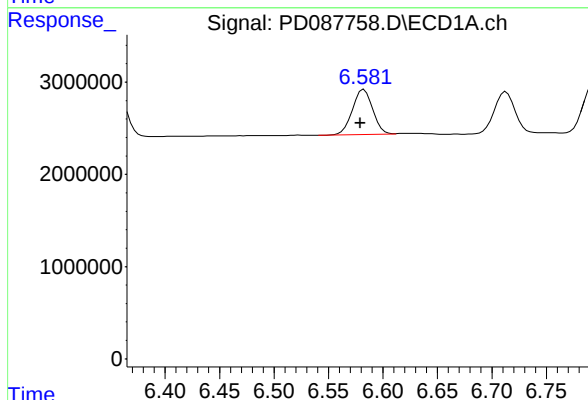
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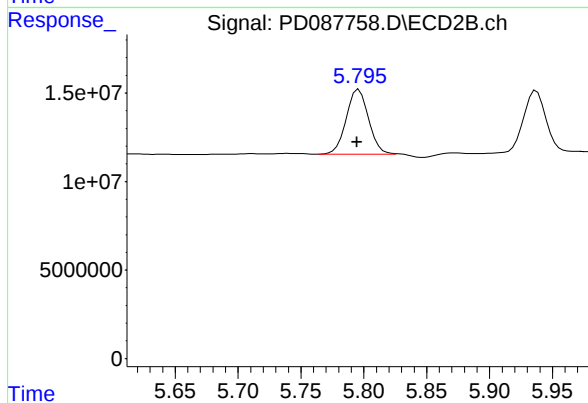
#13 Dieldrin

R.T.: 5.520 min
Delta R.T.: 0.001 min
Response: 50426330
Conc: 3.10 ng/ml



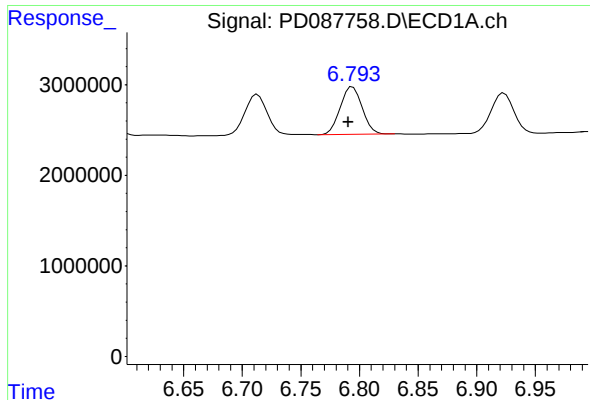
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.003 min
Response: 6330824
Conc: 2.18 ng/ml



#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 44936051
Conc: 3.02 ng/ml m



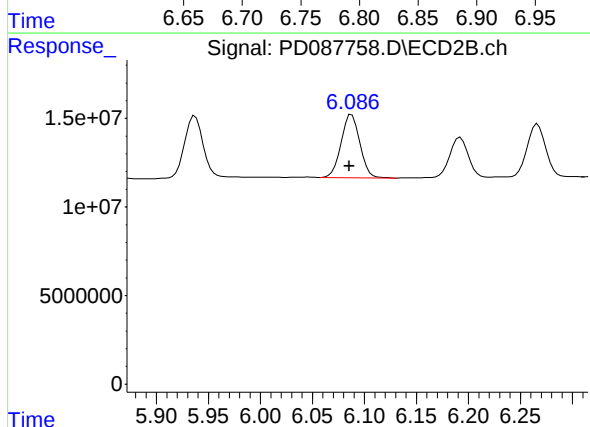
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 6827224
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
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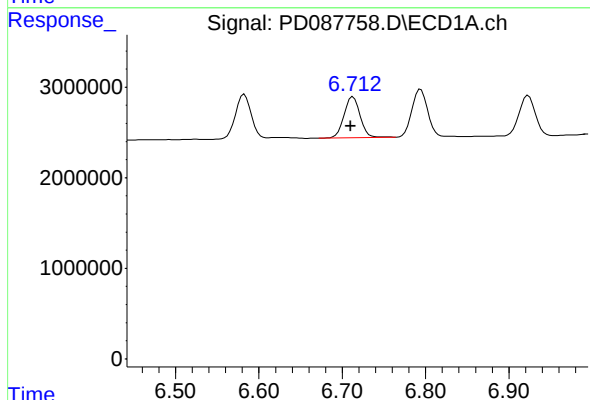
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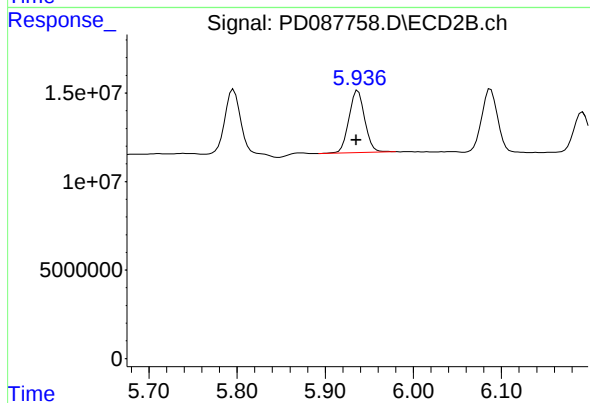
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.002 min
Response: 44928459
Conc: 3.15 ng/ml



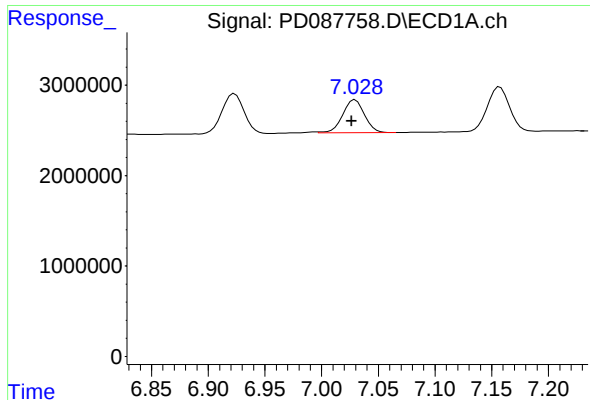
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 6041383
Conc: 2.51 ng/ml



#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 43708721
Conc: 3.31 ng/ml



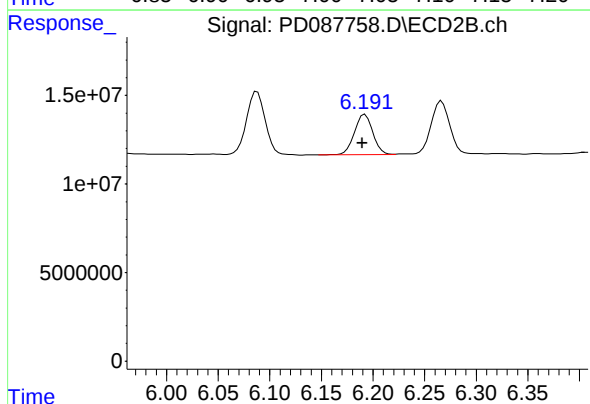
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.002 min
Response: 4884169
Conc: 1.90 ng/ml

Instrument :
ECD_D
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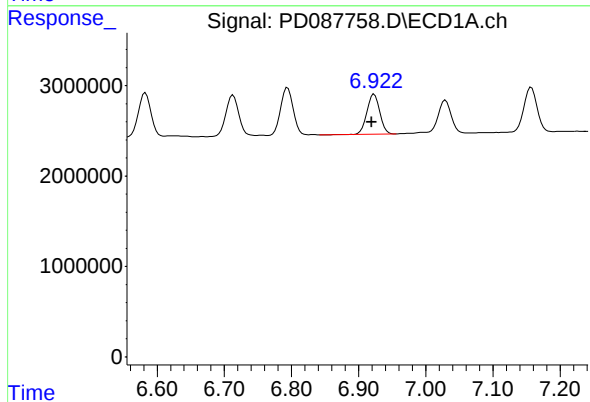
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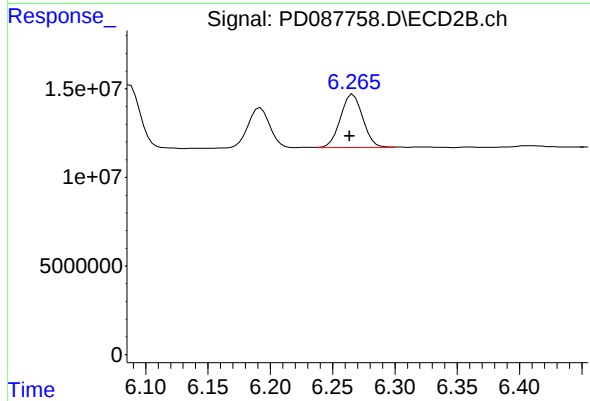
#17 4,4'-DDT

R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 28420712
Conc: 2.11 ng/ml



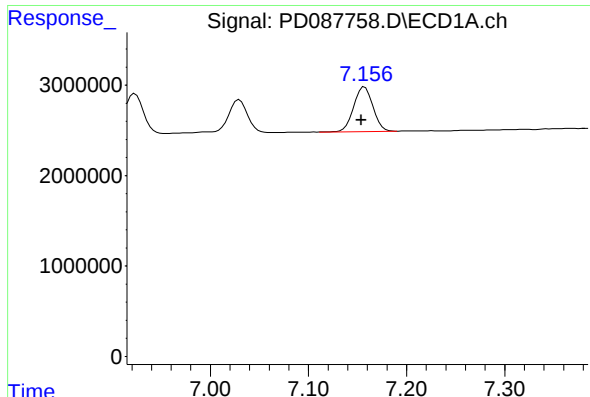
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.004 min
Response: 6003189
Conc: 2.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 37505804
Conc: 3.22 ng/ml m



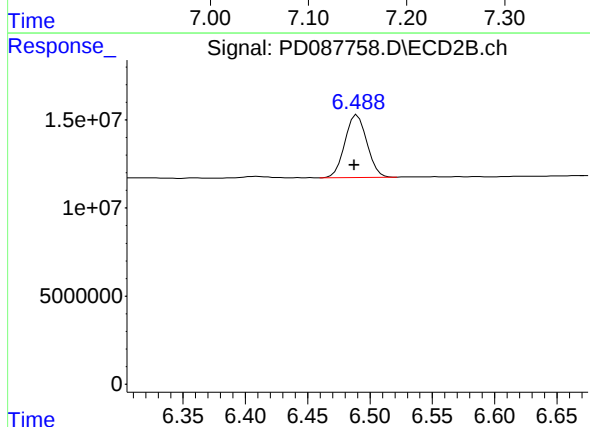
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 6736946
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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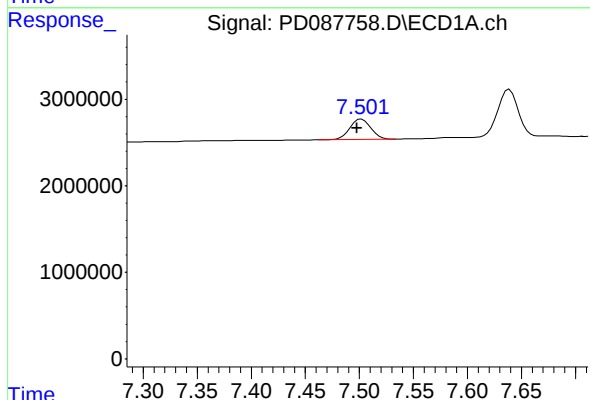
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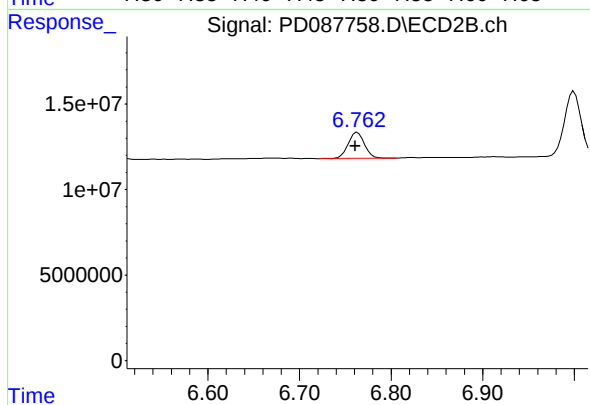
#19 Endosulfan Sulfate

R.T.: 6.490 min
Delta R.T.: 0.002 min
Response: 43592454
Conc: 3.07 ng/ml



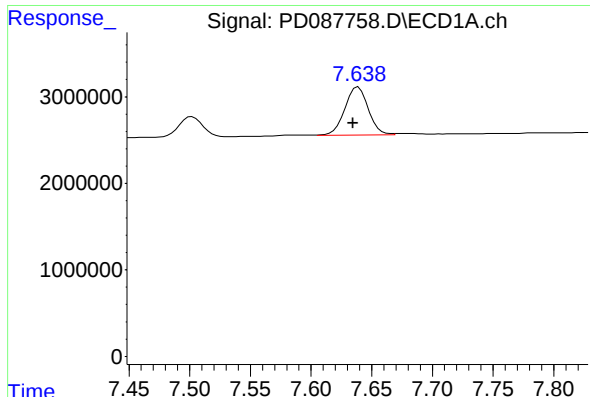
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 3178598
Conc: 2.17 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.003 min
Response: 18887380
Conc: 2.47 ng/ml



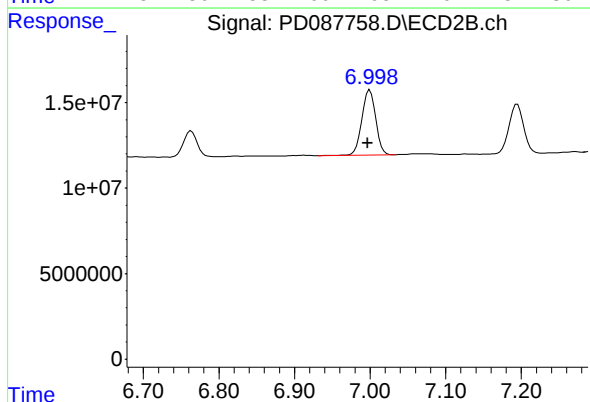
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 7506997
Conc: 2.44 ng/ml

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

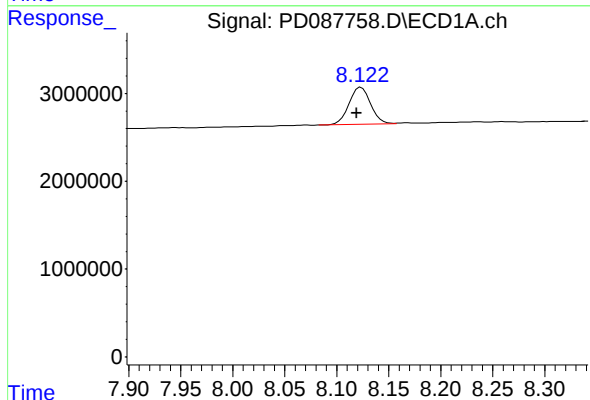
Manual Integrations
APPROVED

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



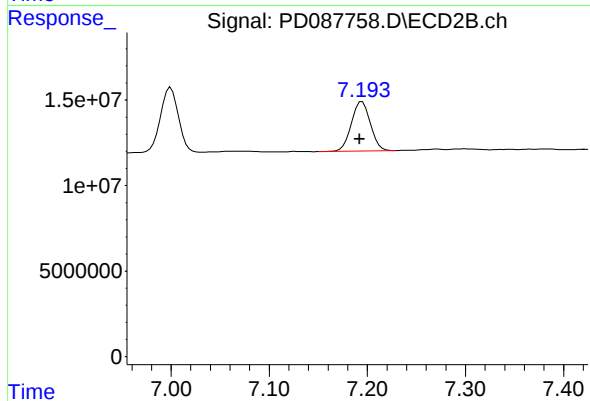
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: 0.003 min
Response: 48309866
Conc: 3.10 ng/ml



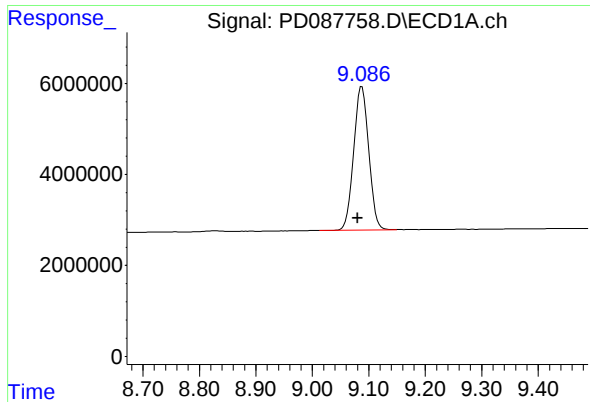
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.004 min
Response: 6080722
Conc: 2.62 ng/ml



#22 Mirex

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 38801124
Conc: 3.06 ng/ml



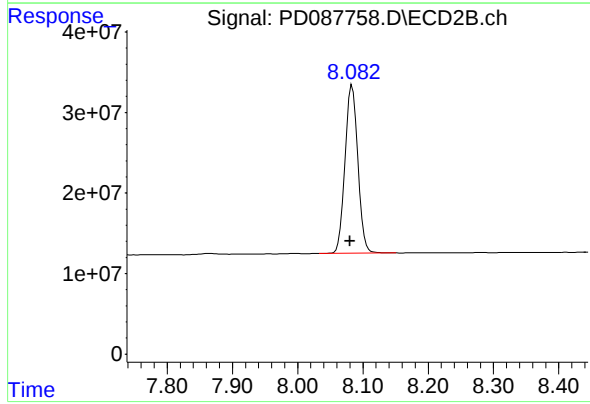
#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.008 min
Response: 58321221
Conc: 19.12 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.: 8.083 min
Delta R.T.: 0.003 min
Response: 285091384
Conc: 20.17 ng/ml