

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 11:53
 Operator : AR\AJ
 Sample : P3390-02
 Misc : PEST LOQ 5PPB/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2024
 Supervised By : Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:50:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.562	2.771	18643379	104.9E6	18.233	18.253
28)	SA Decachlor...	9.117	7.895	40570041	127.5E6	17.771	19.849
Target Compounds							
2)	A alpha-BHC	4.019	3.270	7947642	40862234	4.046	4.609
3)	MA gamma-BHC...	4.354	3.598	8264551	39812037	4.277	4.979
4)	MA Heptachlor	4.945	3.936	9465894	39634349	4.759	4.879
5)	MB Aldrin	5.288	4.215	9673773	39358588	4.754	4.902
6)	B beta-BHC	4.551	3.896	3816926	19054846	4.812	5.416
7)	B delta-BHC	4.800	4.124	9127130	40155526	5.020	4.826
8)	B Heptachlo...	5.715	4.716	9577075	37758934	5.372m	5.254
9)	A Endosulfan I	6.105	5.083	9503457	35084428	4.915	5.088m
10)	B gamma-Chl...	5.974	4.965	9859578	39053599	4.931	5.152
11)	B alpha-Chl...	6.053	5.029	9832457	38786002	4.931	5.194
12)	B 4,4'-DDE	6.225	5.217	9810641	36693099	4.921	5.150
13)	MA Dieldrin	6.380	5.349	9794520	38050654	4.748	5.068
14)	MA Endrin	6.611	5.623	7593413	31060222	4.254	4.697m
15)	B Endosulfa...	6.829	5.918	9207882	33715512	4.822m	5.277
16)	A 4,4'-DDD	6.745	5.771	7146900	30665903	4.718	5.537
17)	MA 4,4'-DDT	7.060	6.021	6410308	23036966	3.732	4.016
18)	B Endrin al...	6.962	6.098	7569006	27102299	5.153	5.401
19)	B Endosulfa...	7.197	6.320	8871391	32490213	4.884	5.309
20)	A Methoxychlor	7.538	6.596	3893742	13207919	3.952	4.478
21)	B Endrin ke...	7.684	6.825	10116057	37260322	4.898	5.504
22)	Mirex	8.160	7.005	8474622	30426114	5.203	5.614

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 11:53
Operator : AR\AJ
Sample : P3390-02
Misc : PEST LOQ 5PPB/SOIL
ALS Vial : 11 Sample Multiplier: 1

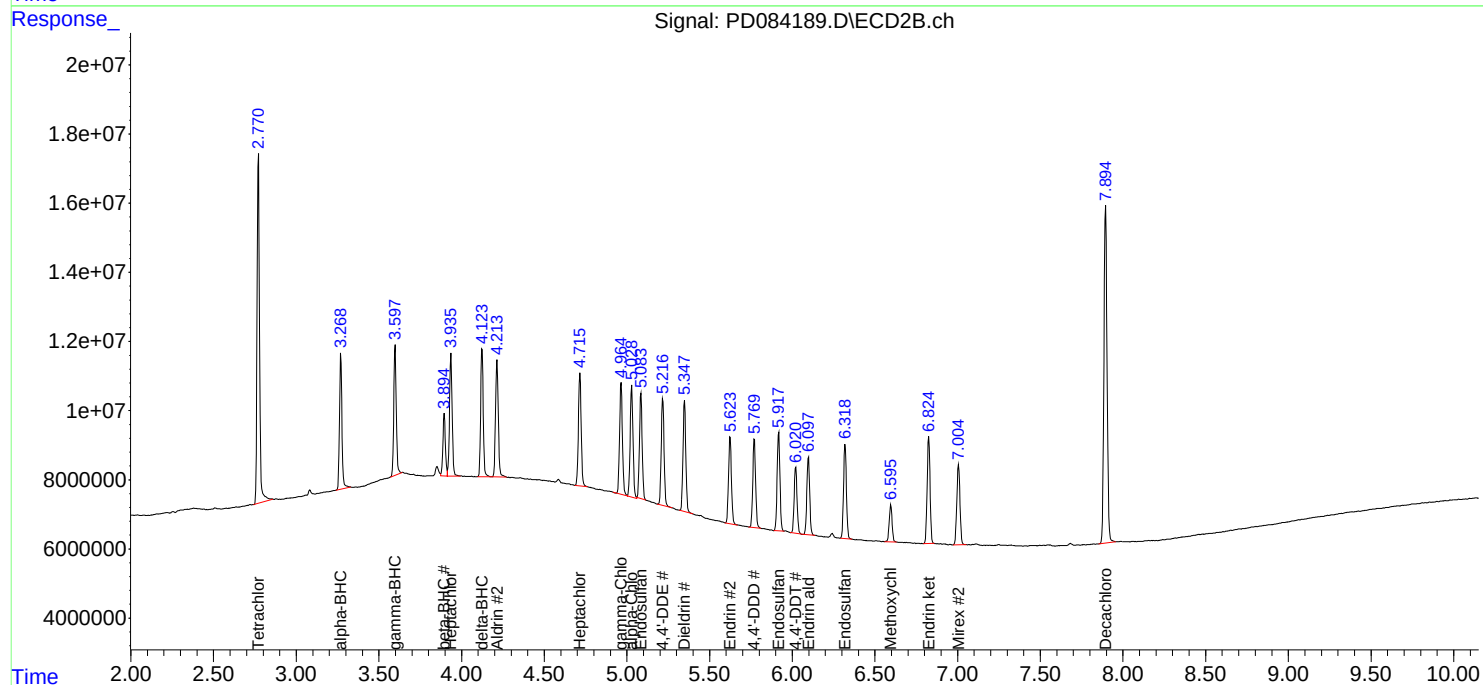
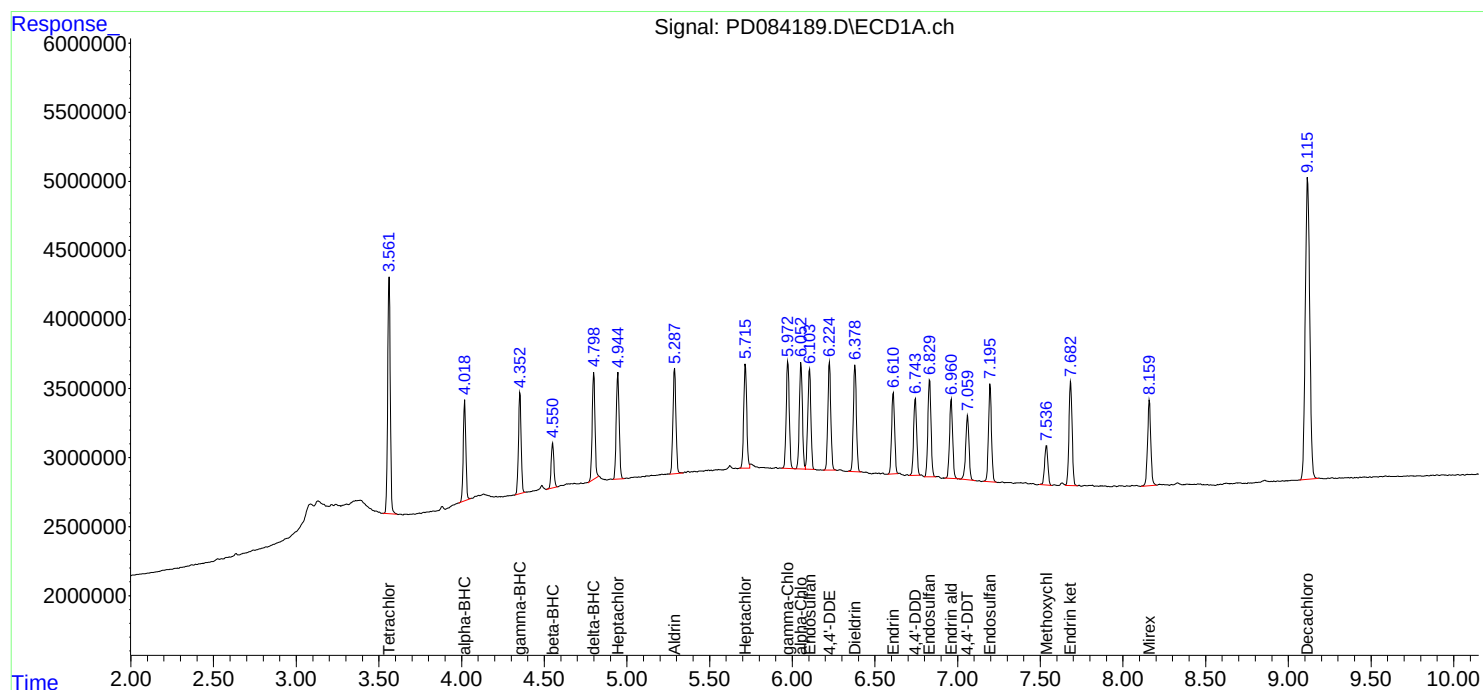
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

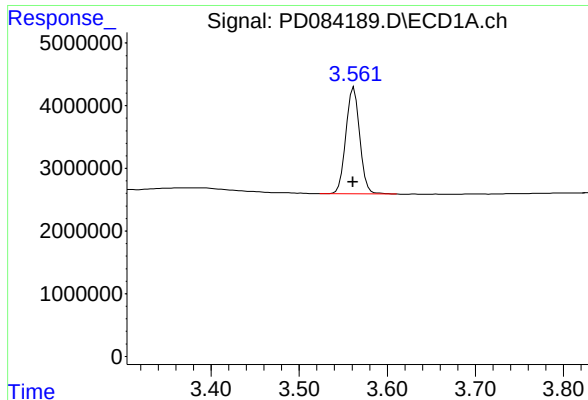
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:50:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
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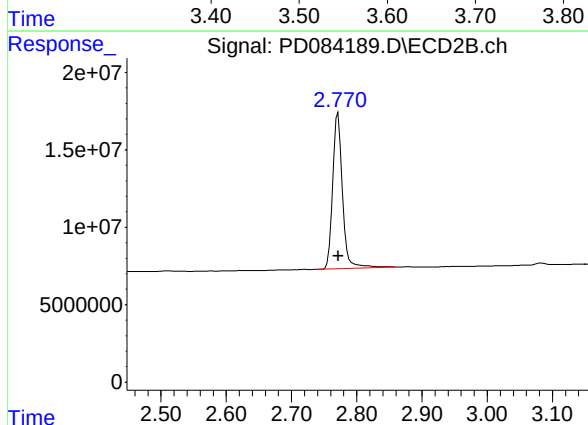
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.001 min
Response: 18643379
Conc: 18.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

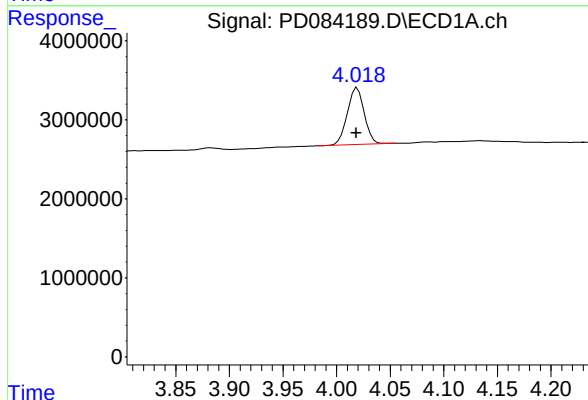
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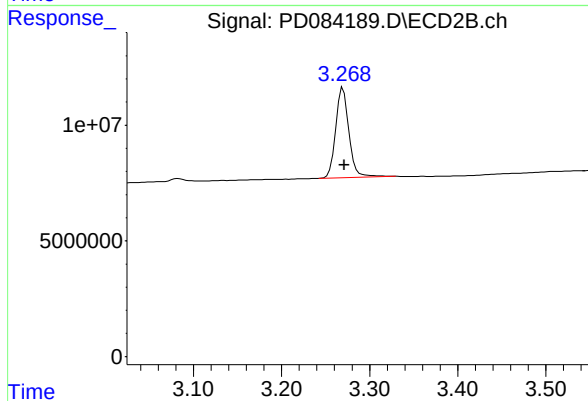
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 104948355
Conc: 18.25 ng/ml



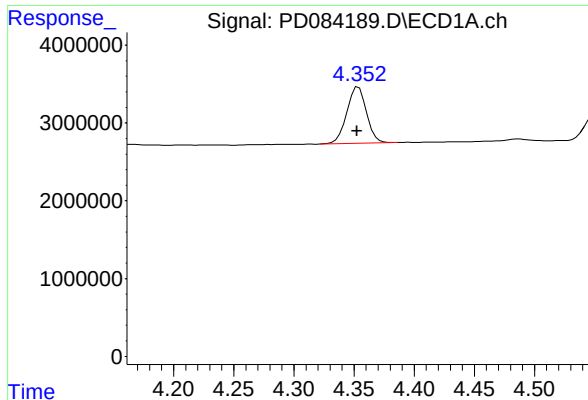
#2 alpha-BHC

R.T.: 4.019 min
Delta R.T.: 0.001 min
Response: 7947642
Conc: 4.05 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 40862234
Conc: 4.61 ng/ml



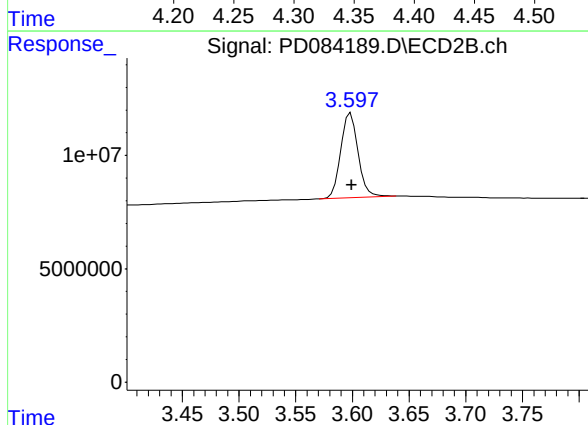
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.001 min
Response: 8264551
Conc: 4.28 ng/ml

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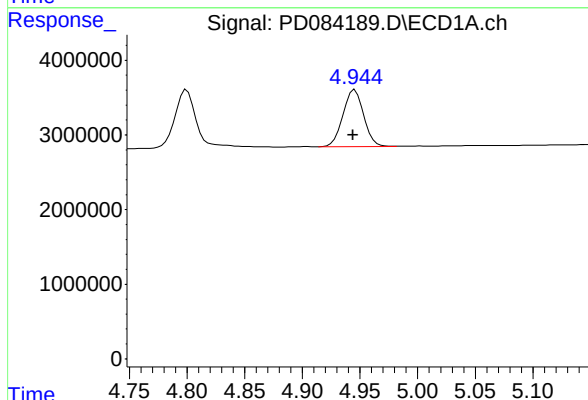
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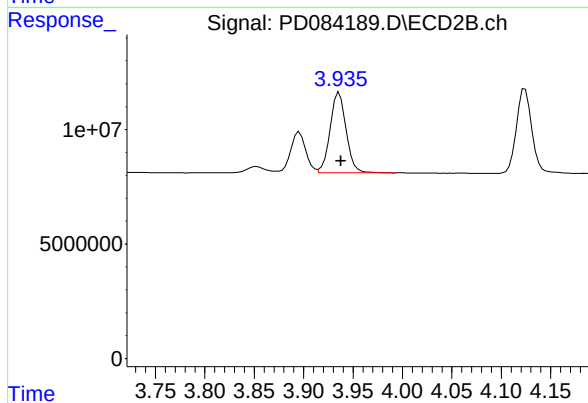
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 39812037
Conc: 4.98 ng/ml



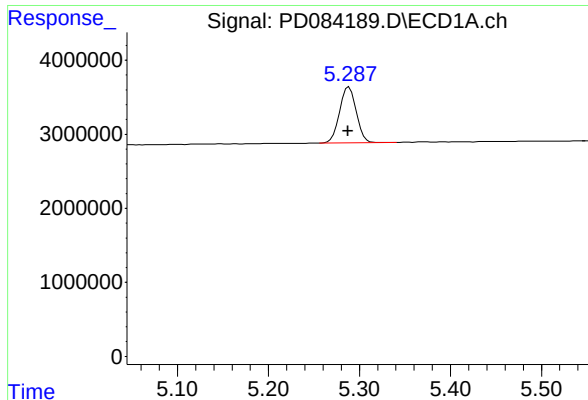
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.002 min
Response: 9465894
Conc: 4.76 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 39634349
Conc: 4.88 ng/ml



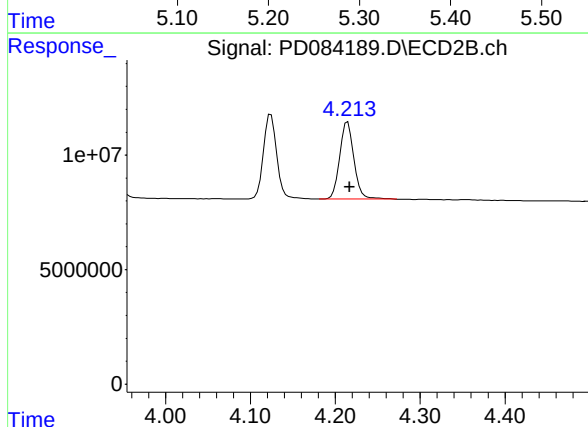
#5 Aldrin

R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 9673773
Conc: 4.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

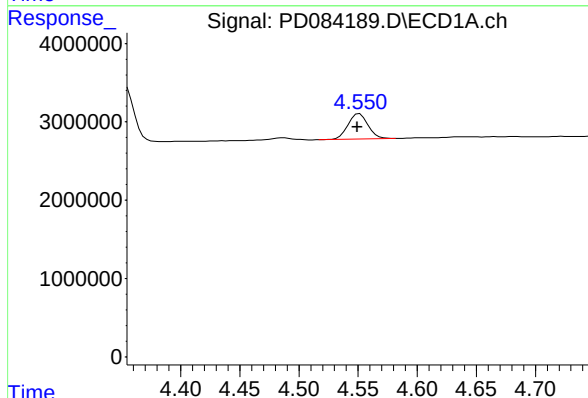
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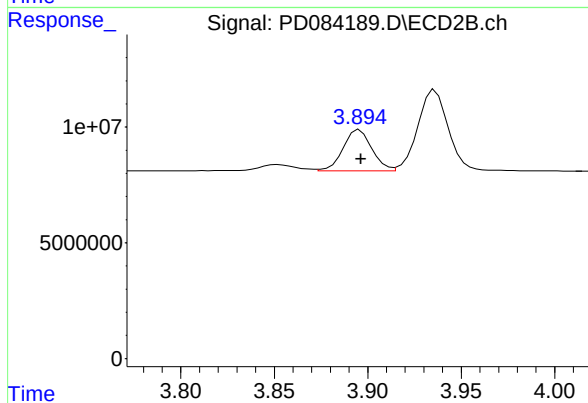
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 39358588
Conc: 4.90 ng/ml



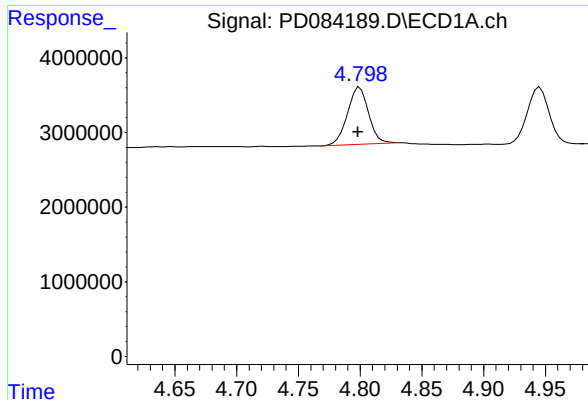
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.002 min
Response: 3816926
Conc: 4.81 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 19054846
Conc: 5.42 ng/ml



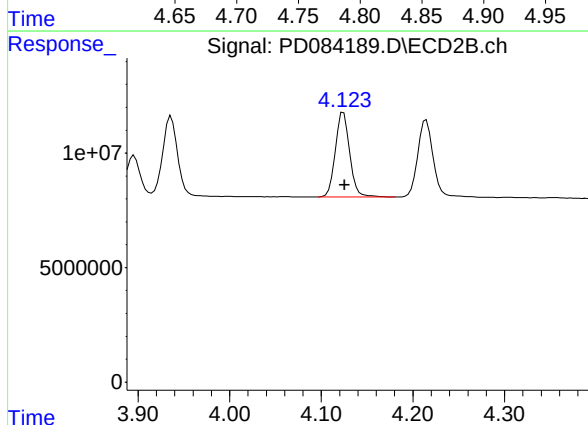
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.002 min
Response: 9127130
Conc: 5.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

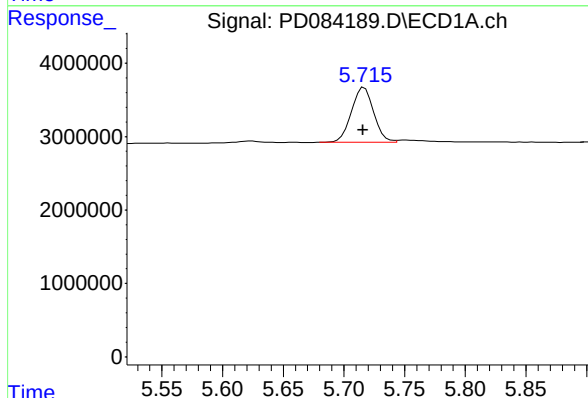
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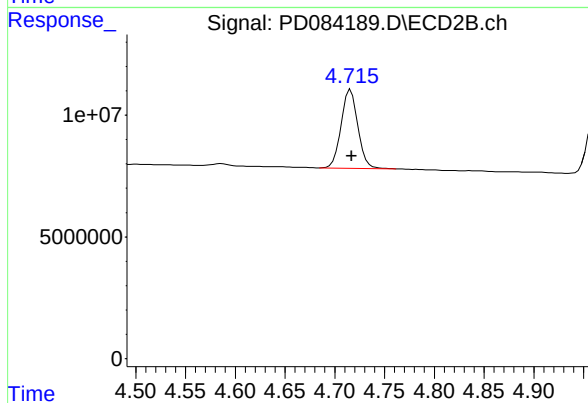
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 40155526
Conc: 4.83 ng/ml



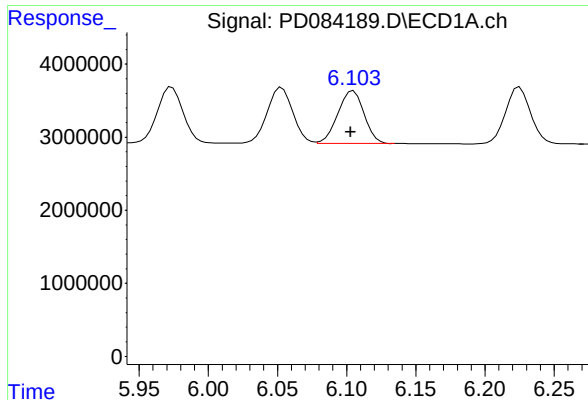
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 9577075
Conc: 5.37 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.001 min
Response: 37758934
Conc: 5.25 ng/ml



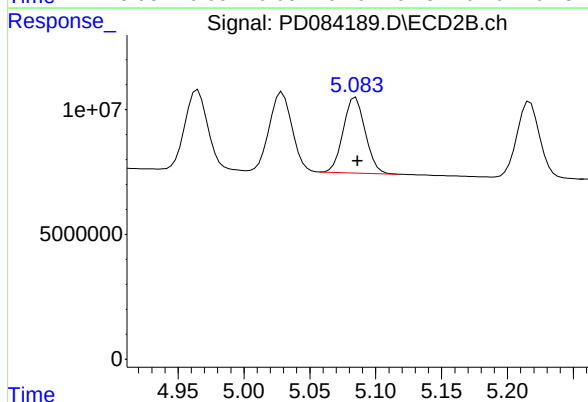
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.002 min
Response: 9503457
Conc: 4.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

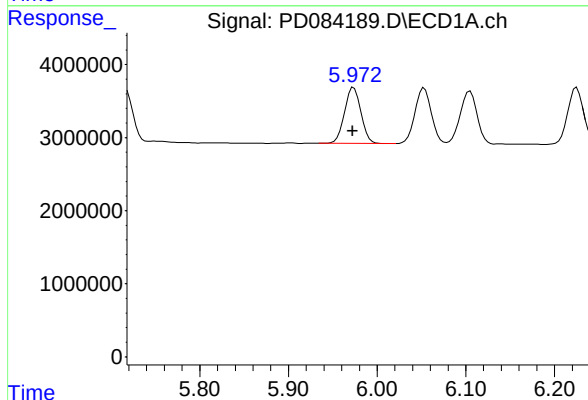
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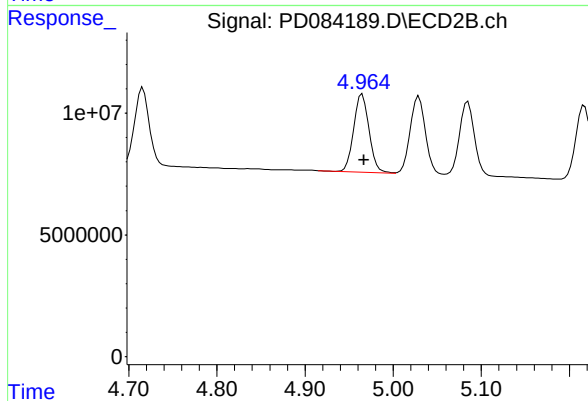
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 35084428
Conc: 5.09 ng/ml m



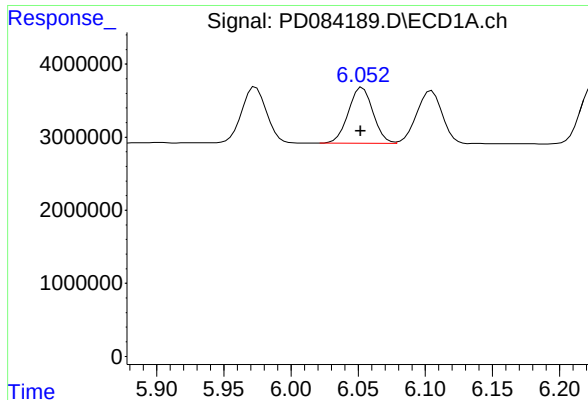
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.001 min
Response: 9859578
Conc: 4.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 39053599
Conc: 5.15 ng/ml



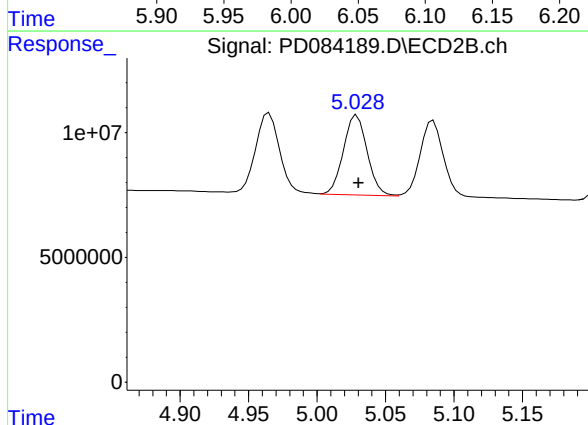
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.001 min
Response: 9832457
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

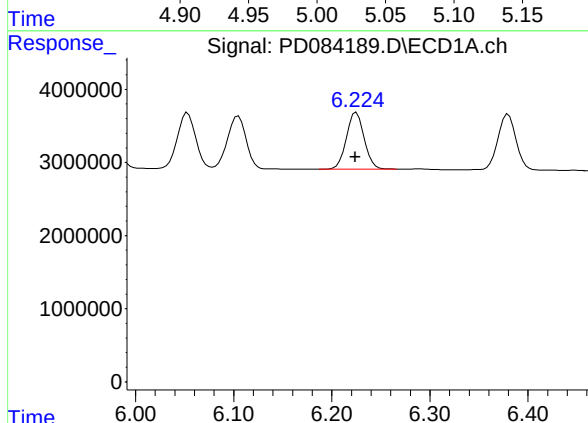
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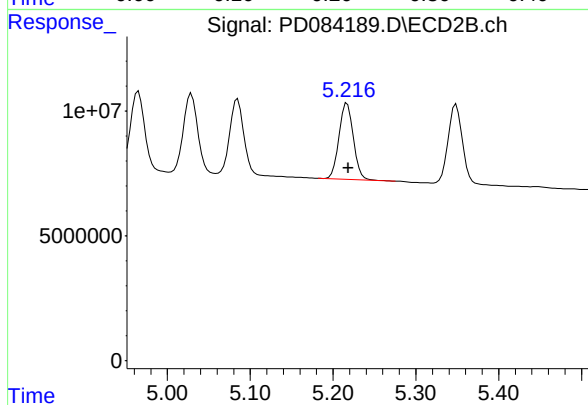
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 38786002
Conc: 5.19 ng/ml



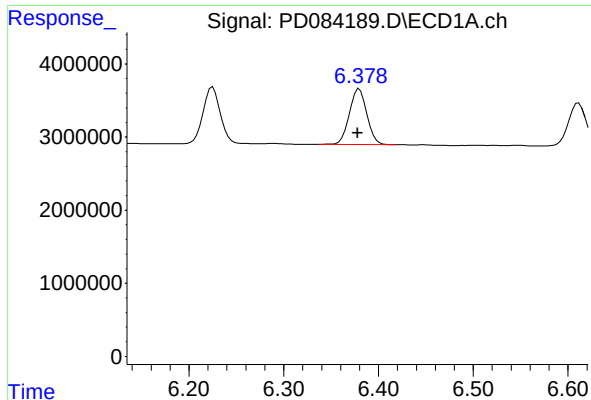
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 9810641
Conc: 4.92 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 36693099
Conc: 5.15 ng/ml



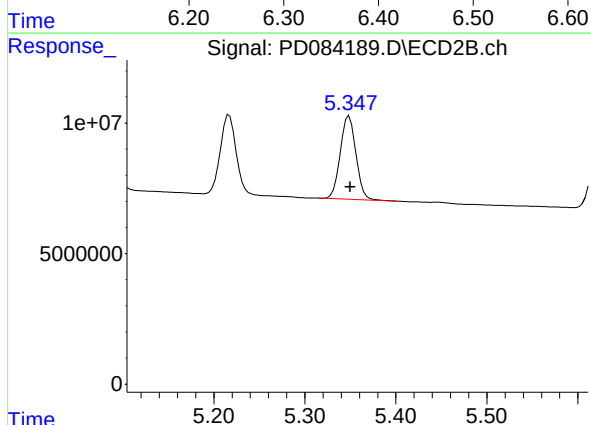
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.001 min
Response: 9794520
Conc: 4.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

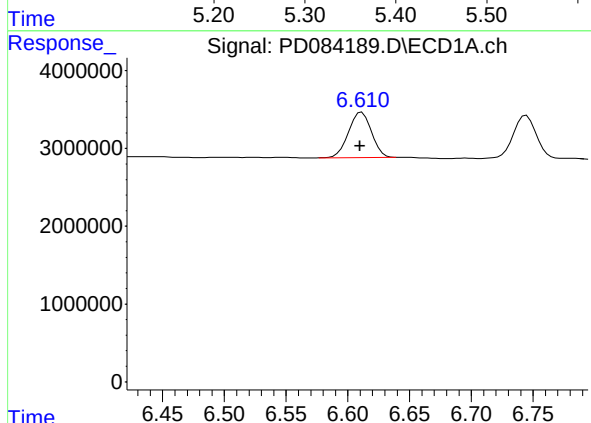
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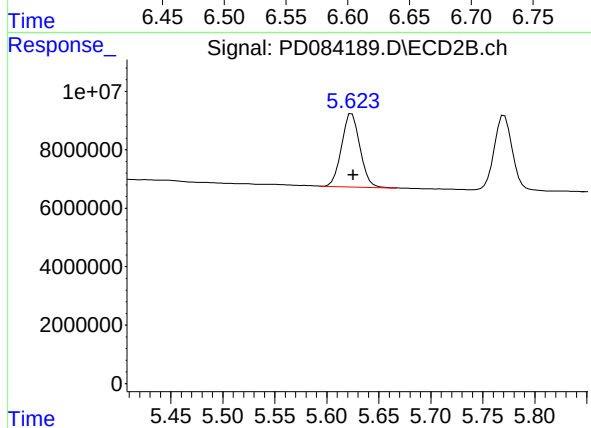
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 38050654
Conc: 5.07 ng/ml



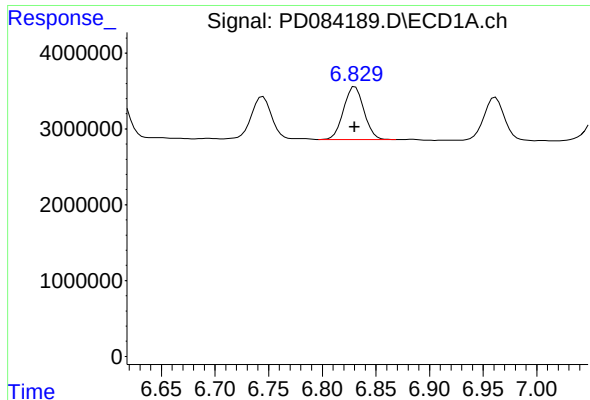
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 7593413
Conc: 4.25 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 31060222
Conc: 4.70 ng/ml m



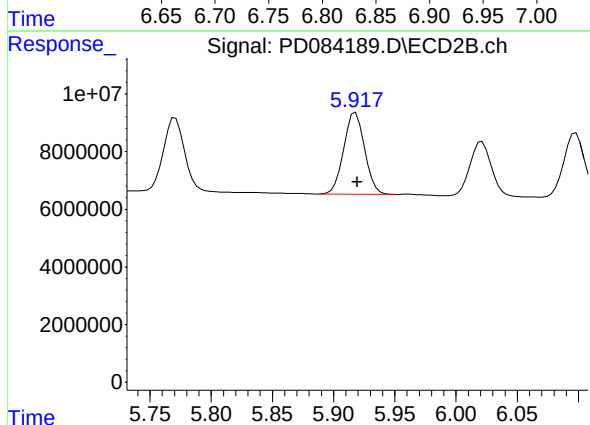
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 9207882
Conc: 4.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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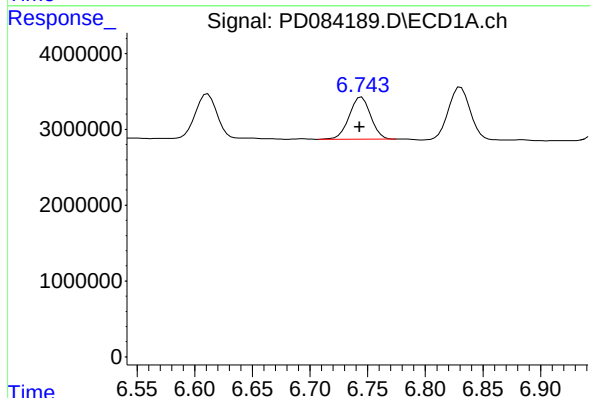
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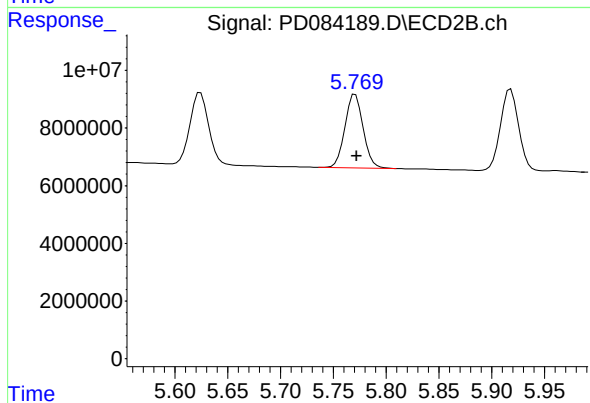
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 33715512
Conc: 5.28 ng/ml



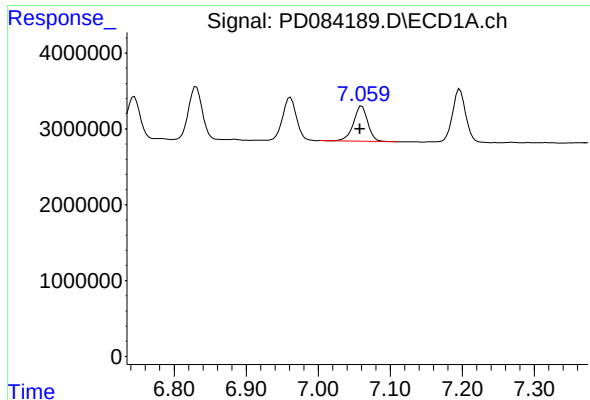
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 7146900
Conc: 4.72 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 30665903
Conc: 5.54 ng/ml



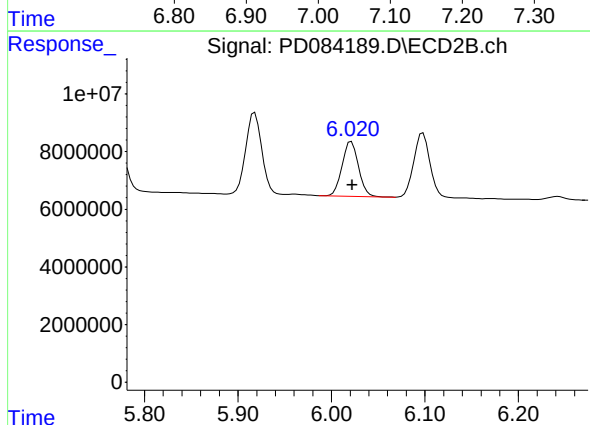
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.002 min
Response: 6410308
Conc: 3.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
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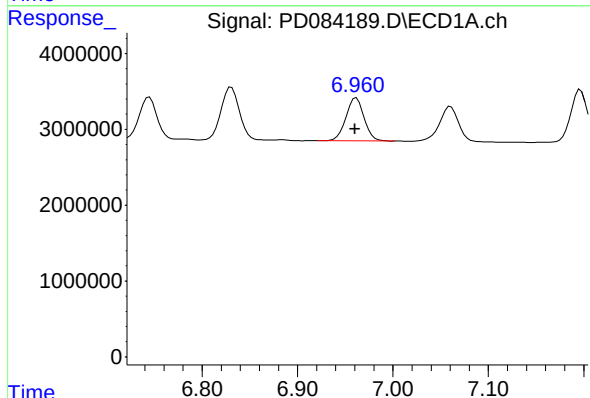
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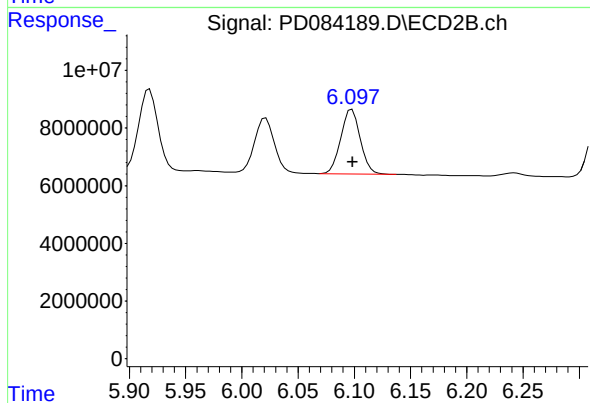
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 23036966
Conc: 4.02 ng/ml



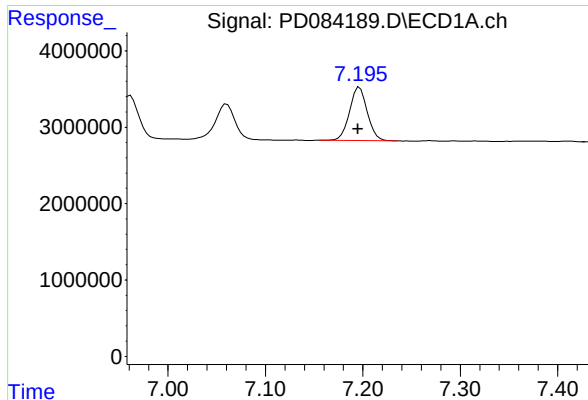
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 7569006
Conc: 5.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 27102299
Conc: 5.40 ng/ml



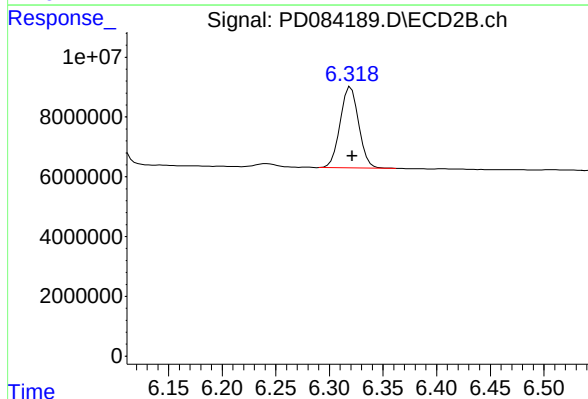
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 8871391
Conc: 4.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

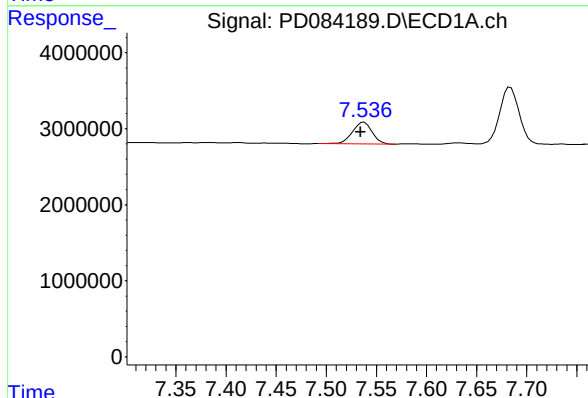
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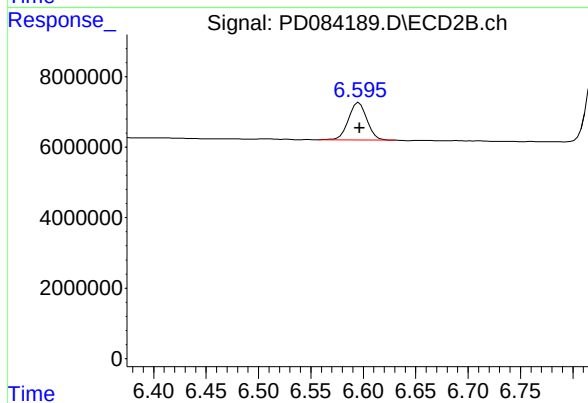
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 32490213
Conc: 5.31 ng/ml



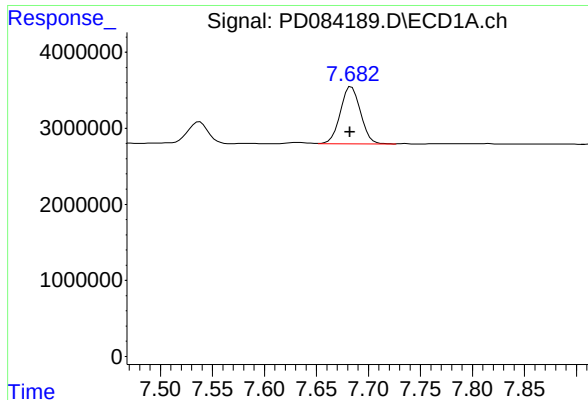
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.003 min
Response: 3893742
Conc: 3.95 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 13207919
Conc: 4.48 ng/ml



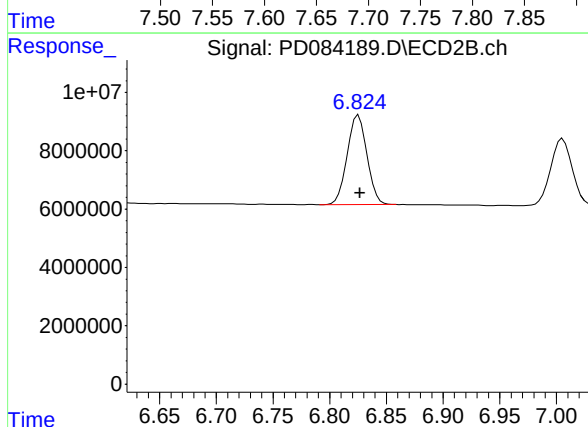
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.001 min
Response: 10116057
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024

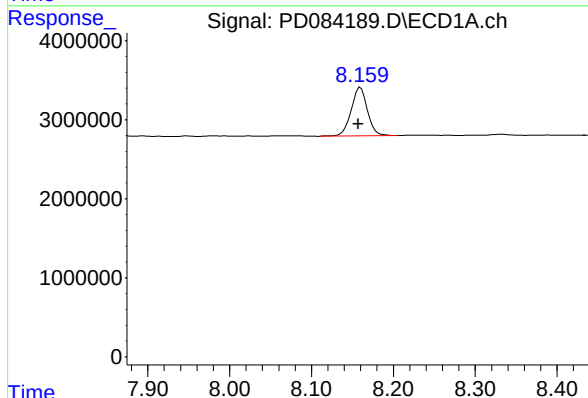
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



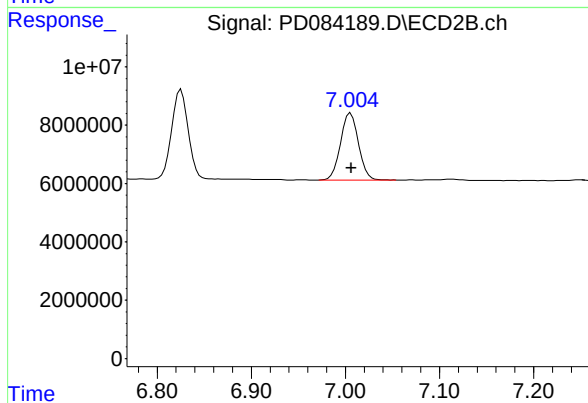
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.001 min
Response: 37260322
Conc: 5.50 ng/ml



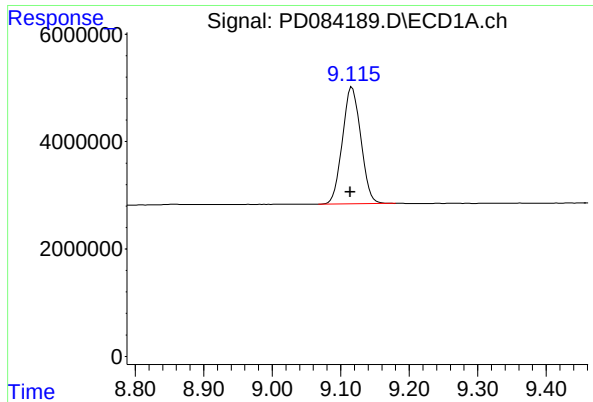
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.003 min
Response: 8474622
Conc: 5.20 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 30426114
Conc: 5.61 ng/ml



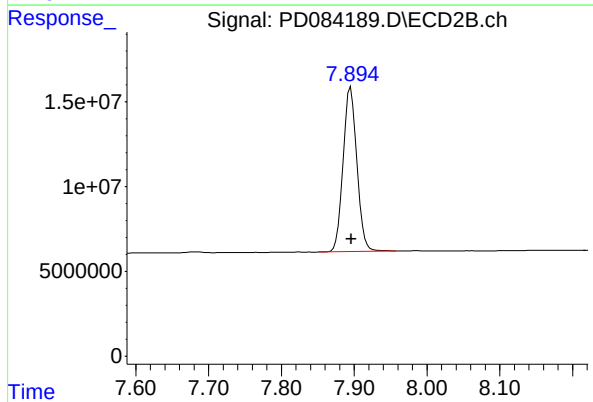
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.003 min
Response: 40570041
Conc: 17.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 127473650
Conc: 19.85 ng/ml