

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 18:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 01:44:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.548	2.879	124.2E6	739.9E6	57.380	48.914
28)	SA Decachlor...	9.072	8.072	178.5E6	910.7E6	52.147	49.884
Target Compounds							
2)	A alpha-BHC	3.998	3.392	260.4E6	1174.1E6	54.521	49.117
3)	MA gamma-BHC...	4.329	3.728	248.0E6	1084.7E6	53.875	48.934
4)	MA Heptachlor	4.928	4.082	241.7E6	1084.2E6	54.052	48.282
5)	MB Aldrin	5.270	4.366	235.3E6	1068.1E6	53.541	48.704m
6)	B beta-BHC	4.514	4.024	95931850	461.9E6	53.202	47.411
7)	B delta-BHC	4.763	4.261	240.9E6	1095.2E6	57.012	49.127
8)	B Heptachlo...	5.690	4.872	211.5E6	960.4E6	53.295	48.329
9)	A Endosulfan I	6.073	5.246	198.0E6	831.8E6	52.612	43.827
10)	B gamma-Chl...	5.944	5.125	211.5E6	1035.1E6	53.016	48.522
11)	B alpha-Chl...	6.025	5.189	215.1E6	993.8E6	53.693	48.187
12)	B 4,4'-DDE	6.194	5.373	191.2E6	1010.2E6	53.267	48.329m
13)	MA Dieldrin	6.346	5.512	212.0E6	1016.8E6	52.847	48.319
14)	MA Endrin	6.573	5.789	185.2E6	938.4E6	54.224	48.660
15)	B Endosulfa...	6.785	6.080	180.1E6	888.7E6	52.304	48.503
16)	A 4,4'-DDD	6.704	5.929	154.4E6	852.2E6	55.427	48.998
17)	MA 4,4'-DDT	7.020	6.183	163.2E6	883.4E6	52.271	48.707
18)	B Endrin al...	6.914	6.258	128.3E6	641.5E6	49.824	46.059
19)	B Endosulfa...	7.149	6.481	167.0E6	857.8E6	52.125	48.311
20)	A Methoxychlor	7.492	6.754	88293633	465.8E6	52.853	48.647
21)	B Endrin ke...	7.629	6.990	181.1E6	946.5E6	52.903	48.919
22)	Mirex	8.112	7.185	134.3E6	736.2E6	51.688	48.430

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 18:23
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

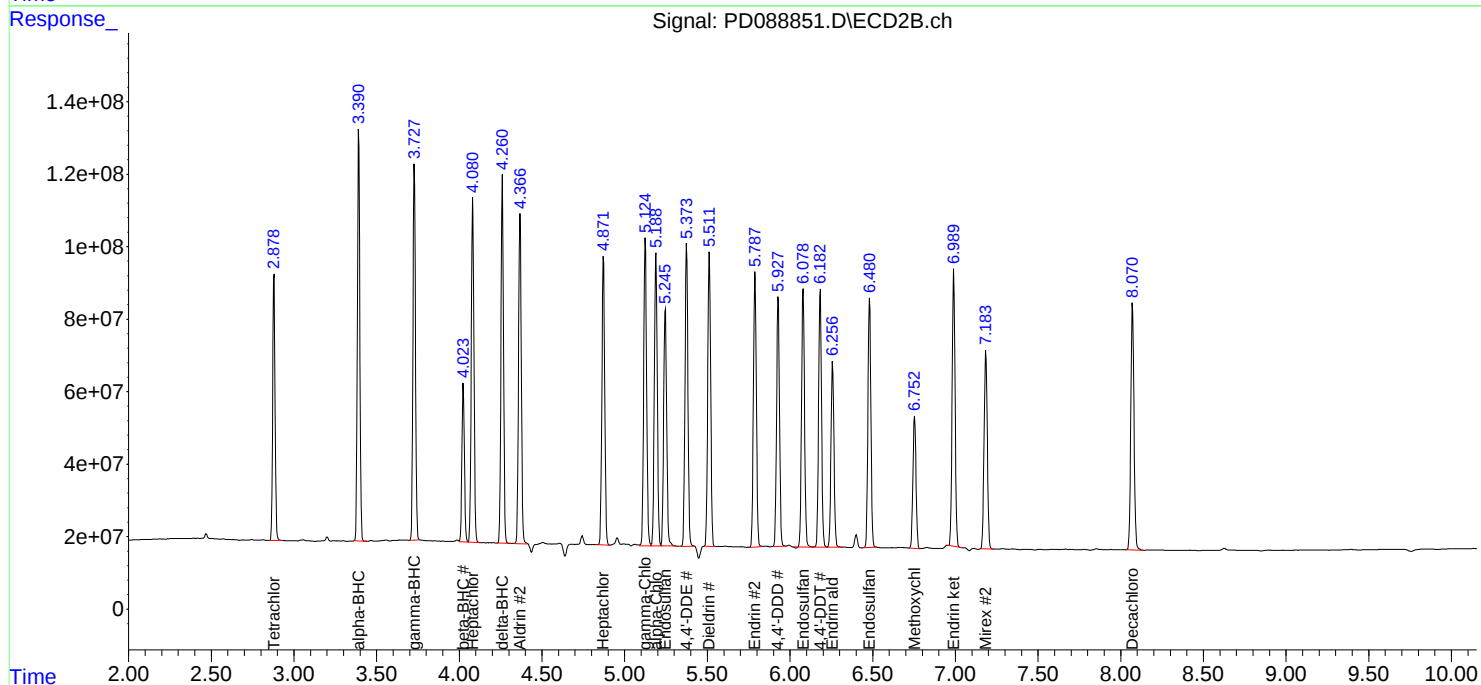
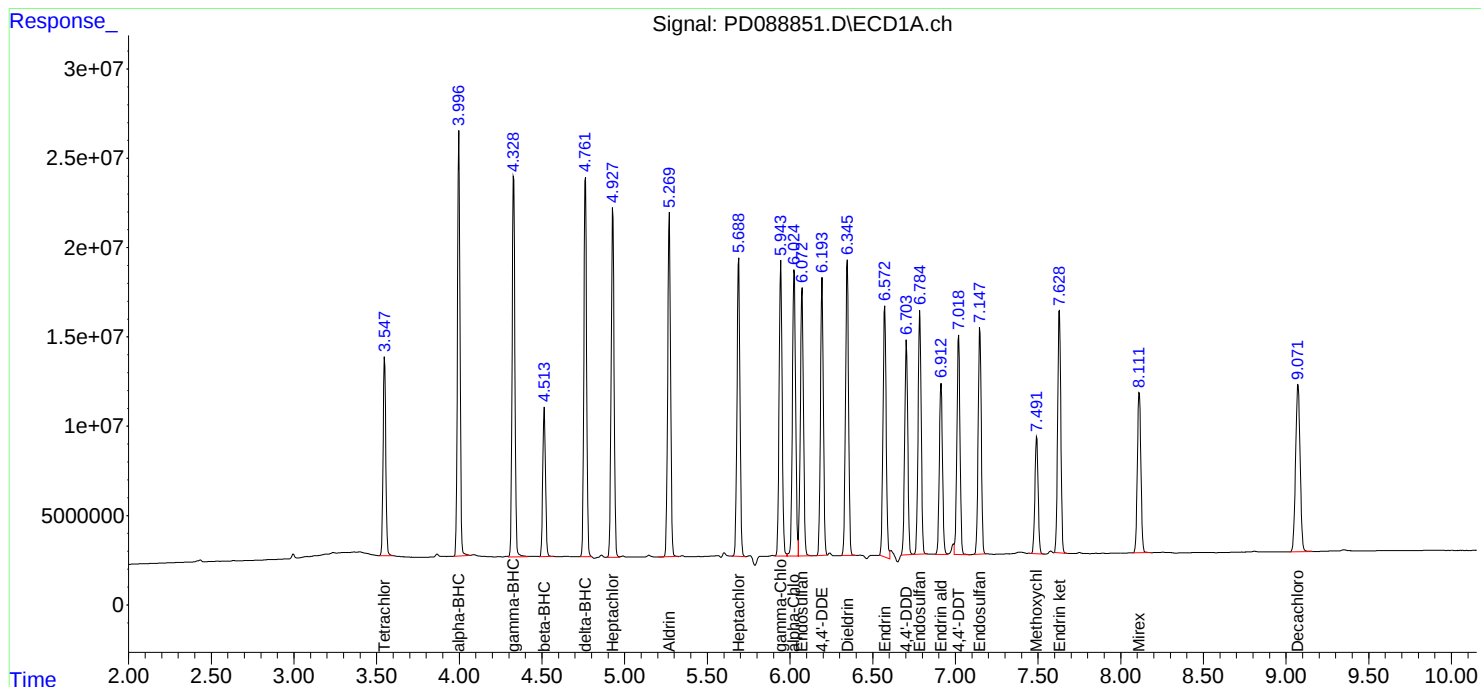
APPROVED

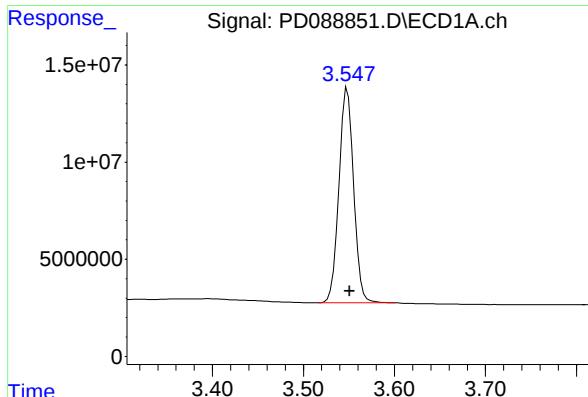
Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 01:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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





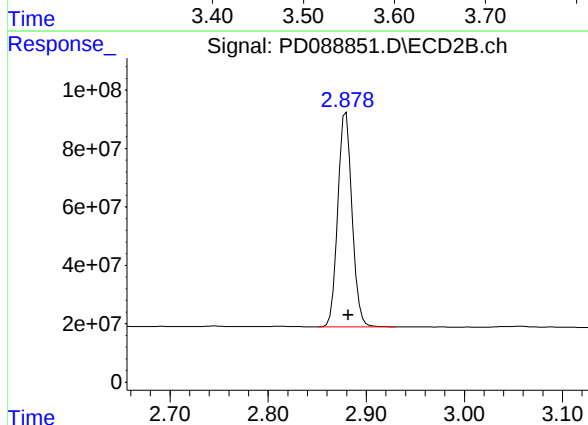
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 124155335
Conc: 57.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

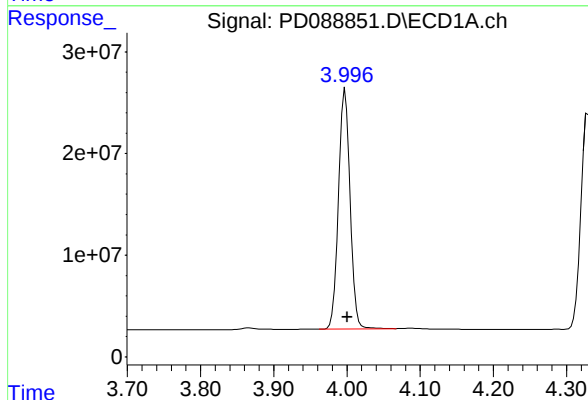
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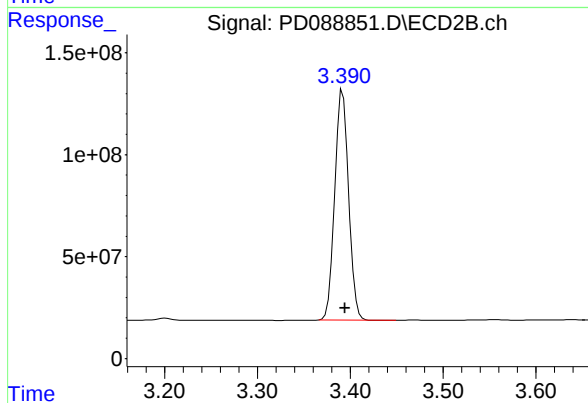
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 739918041
Conc: 48.91 ng/ml



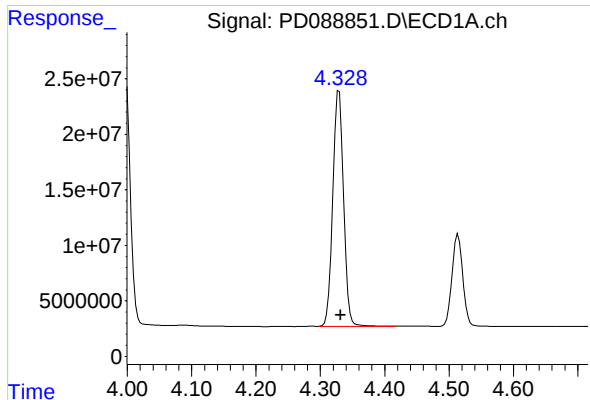
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 260424297
Conc: 54.52 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1174081514
Conc: 49.12 ng/ml



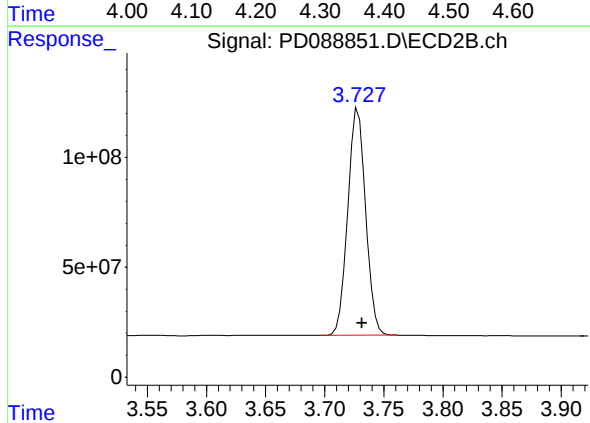
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 247972748
Conc: 53.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

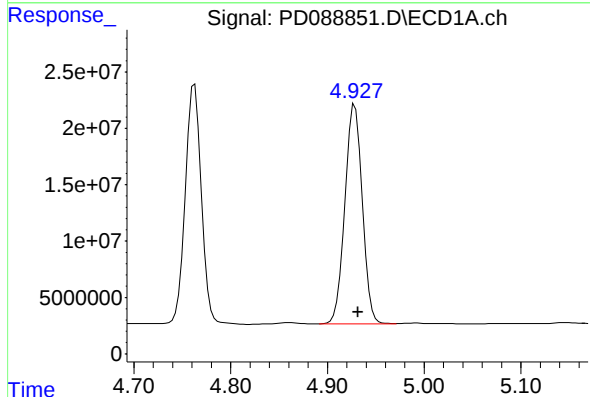
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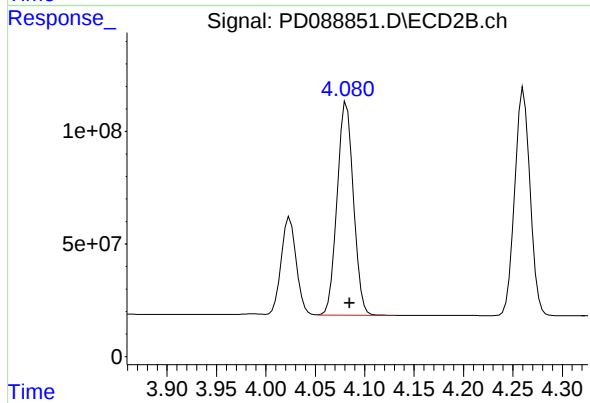
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1084664902
Conc: 48.93 ng/ml



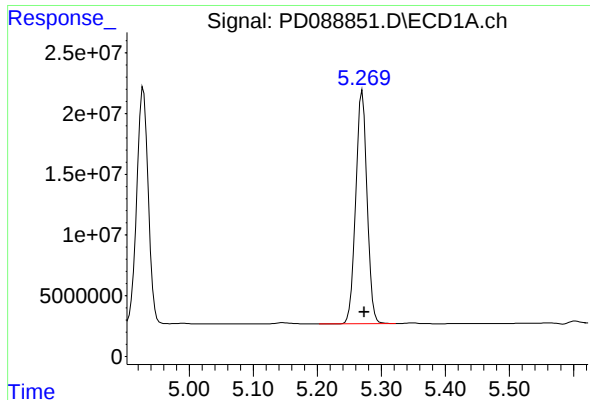
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 241679554
Conc: 54.05 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1084165119
Conc: 48.28 ng/ml



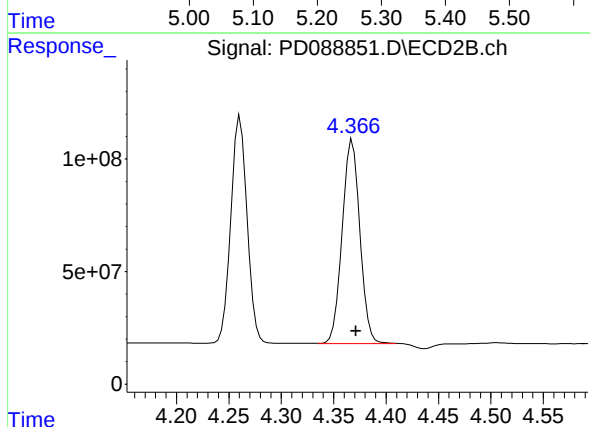
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 235285205
Conc: 53.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

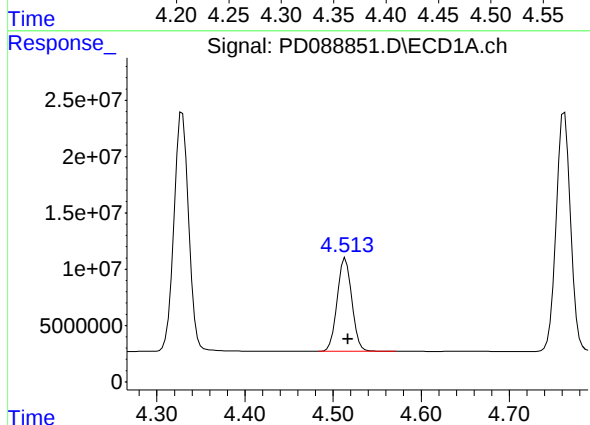
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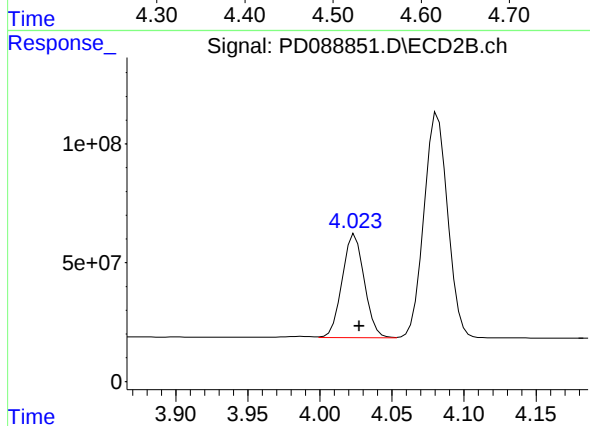
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 1068067406
Conc: 48.70 ng/ml



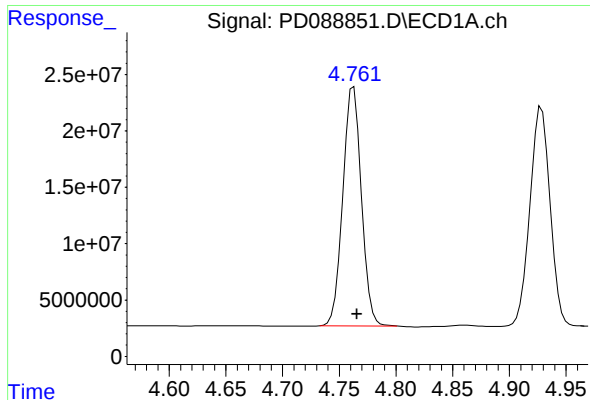
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 95931850
Conc: 53.20 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 461873544
Conc: 47.41 ng/ml



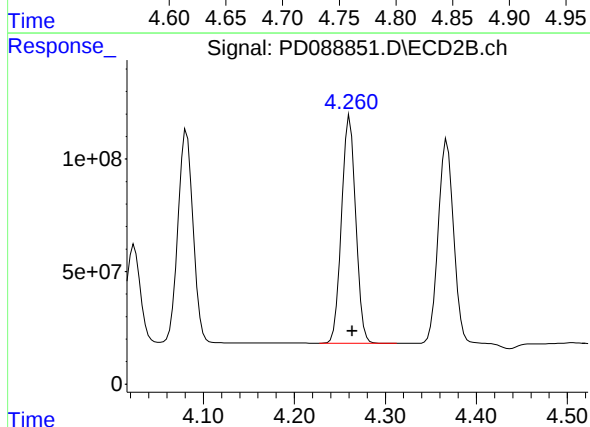
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 240940914
Conc: 57.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

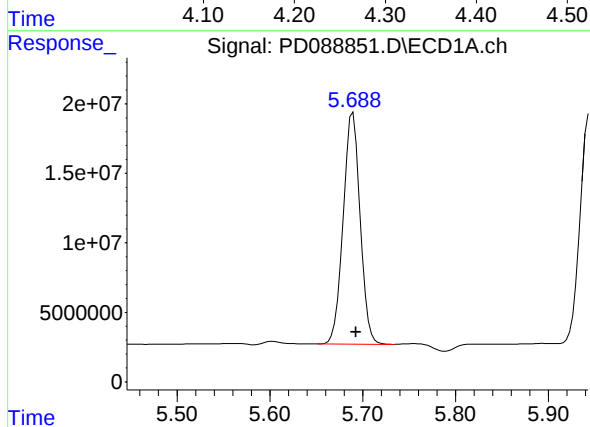
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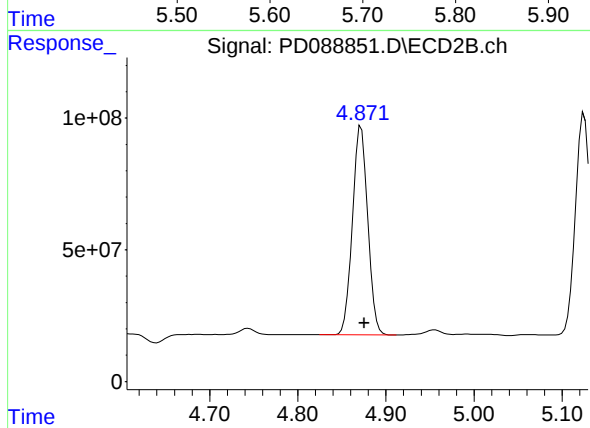
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1095245879
Conc: 49.13 ng/ml



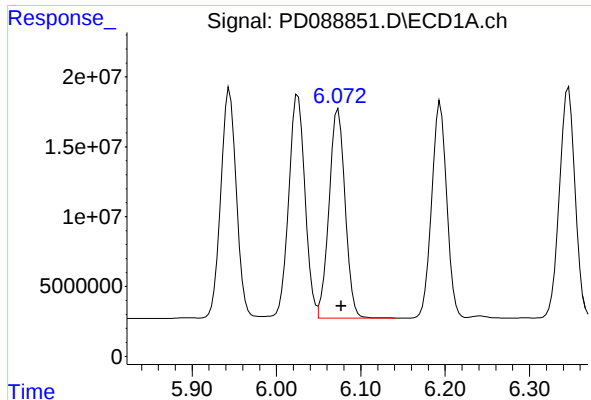
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 211544116
Conc: 53.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 960364891
Conc: 48.33 ng/ml



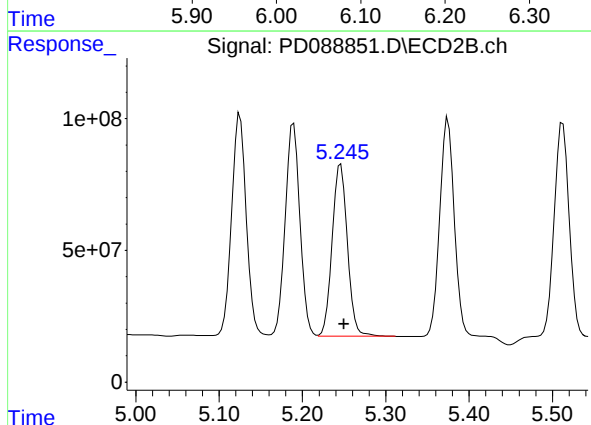
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 197975366
Conc: 52.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

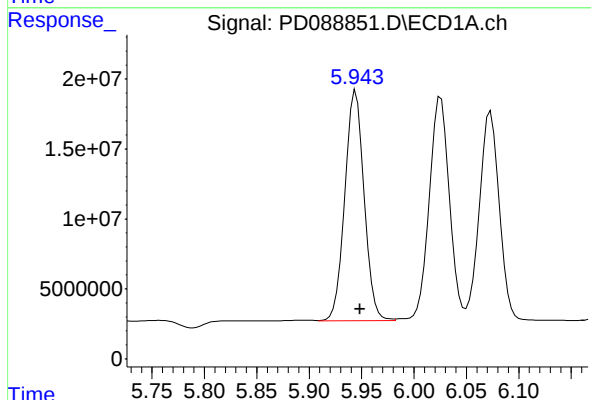
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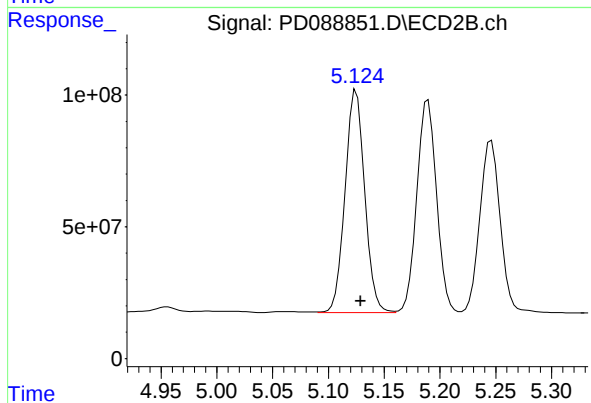
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 831768088
Conc: 43.83 ng/ml



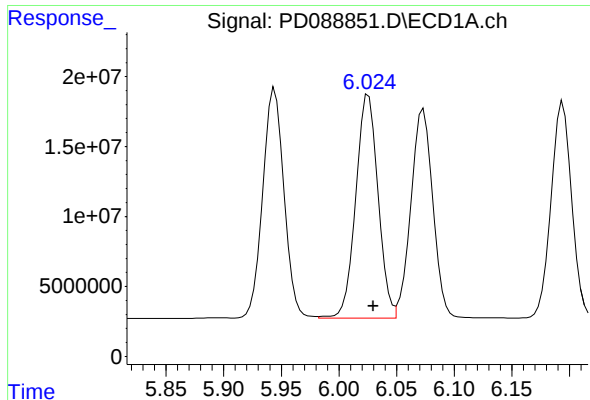
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 211478664
Conc: 53.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1035070323
Conc: 48.52 ng/ml



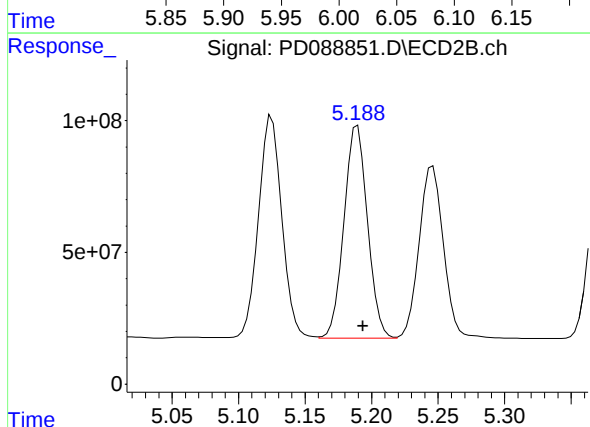
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 215108640
Conc: 53.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

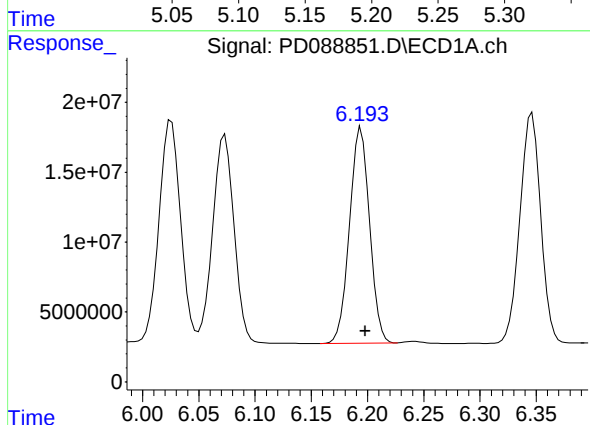
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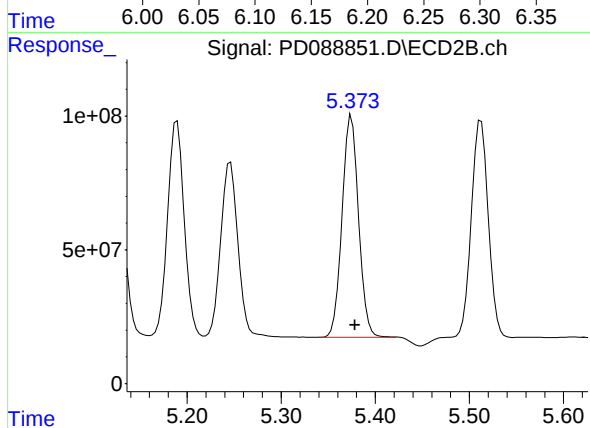
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 993838978
Conc: 48.19 ng/ml



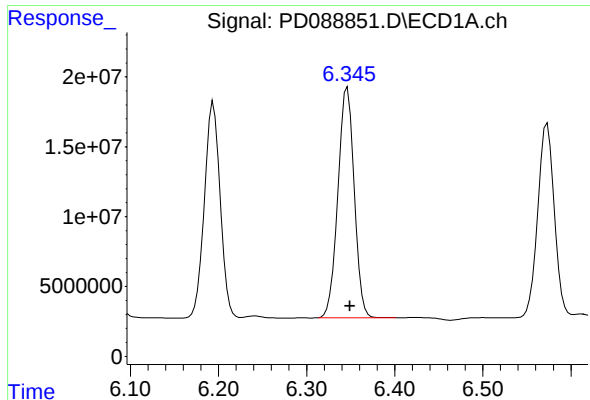
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 191196902
Conc: 53.27 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 1010197152
Conc: 48.33 ng/ml m



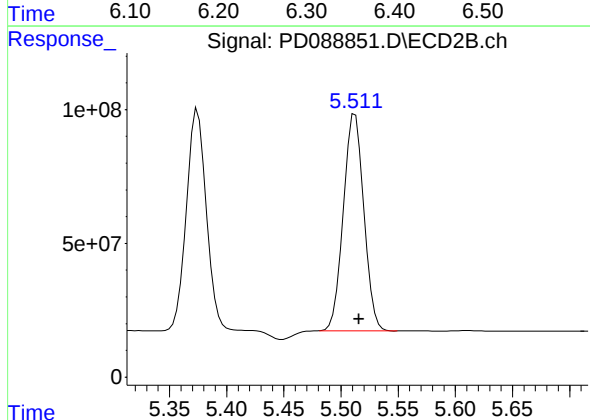
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 212009008
Conc: 52.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

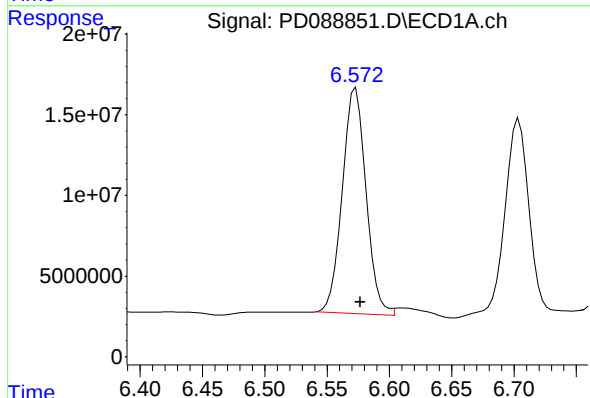
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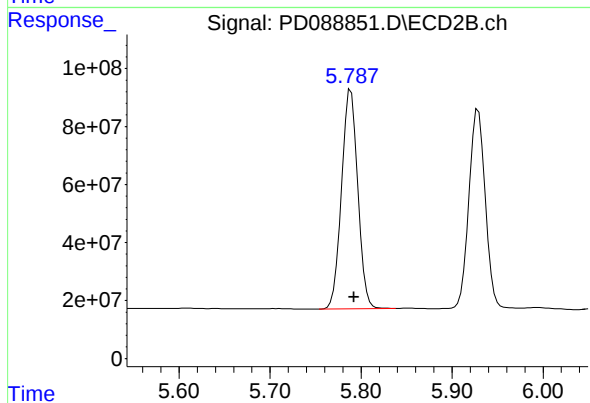
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 1016813405
Conc: 48.32 ng/ml



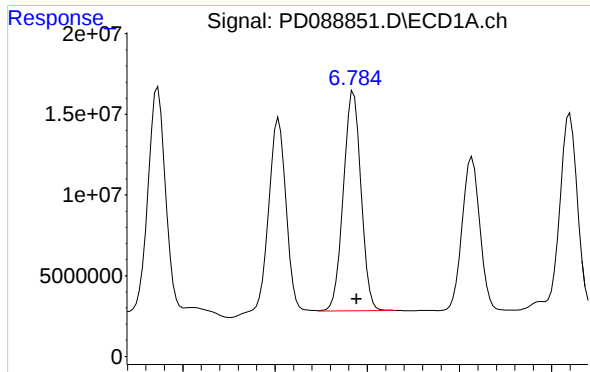
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 185185093
Conc: 54.22 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 938359572
Conc: 48.66 ng/ml



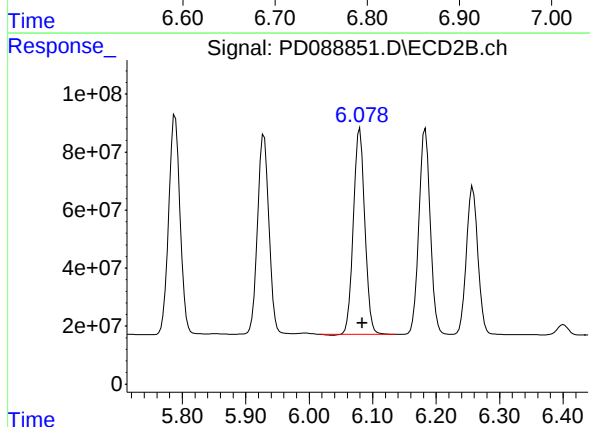
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 180114151
Conc: 52.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

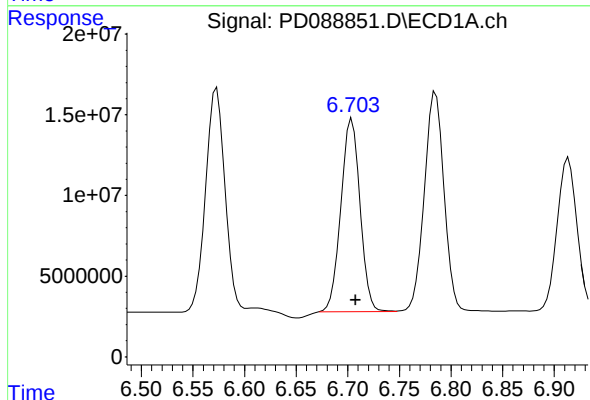
Manual Integrations
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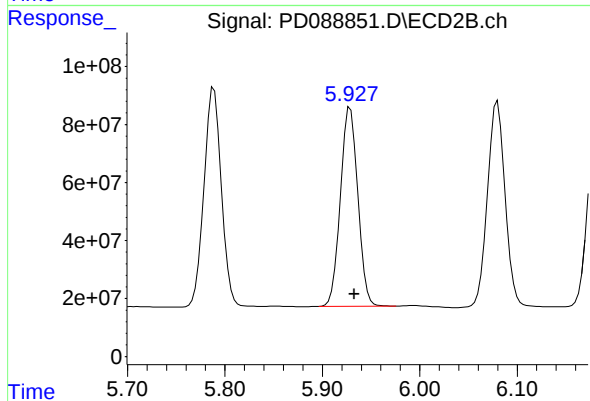
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 888665946
Conc: 48.50 ng/ml



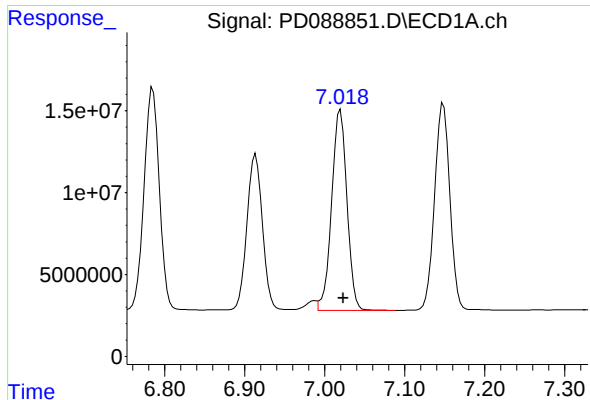
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 154369957
Conc: 55.43 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 852195495
Conc: 49.00 ng/ml



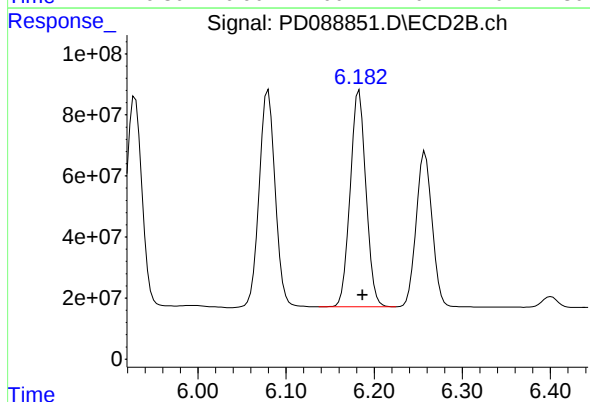
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 163192171
Conc: 52.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

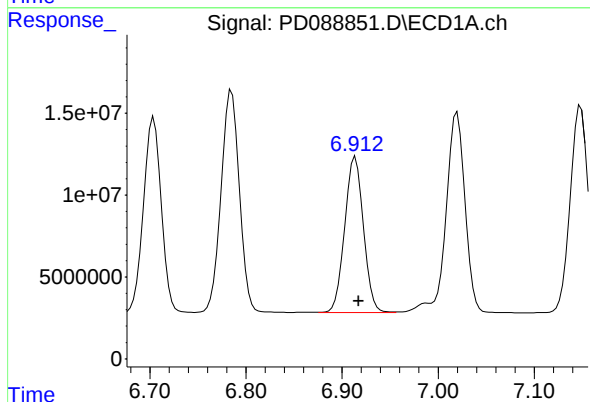
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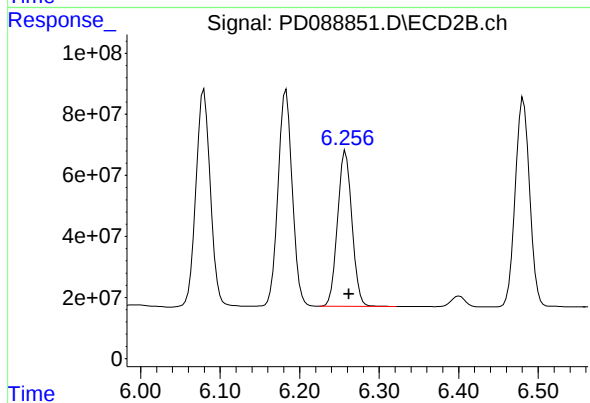
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 883408851
Conc: 48.71 ng/ml



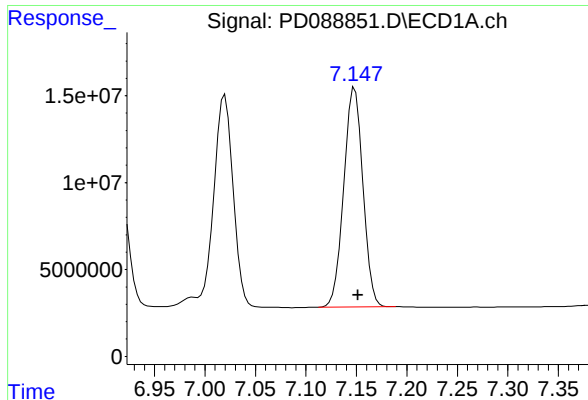
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 128278164
Conc: 49.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 641548243
Conc: 46.06 ng/ml



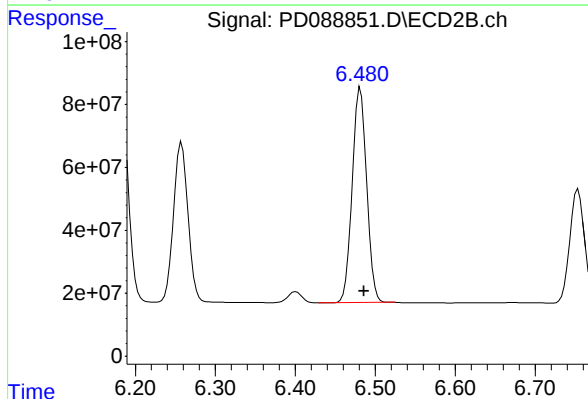
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 166961509
Conc: 52.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

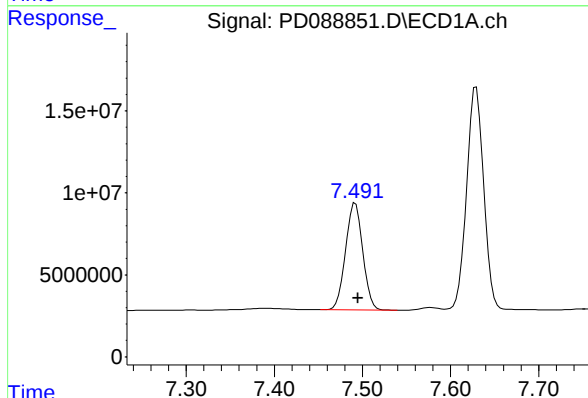
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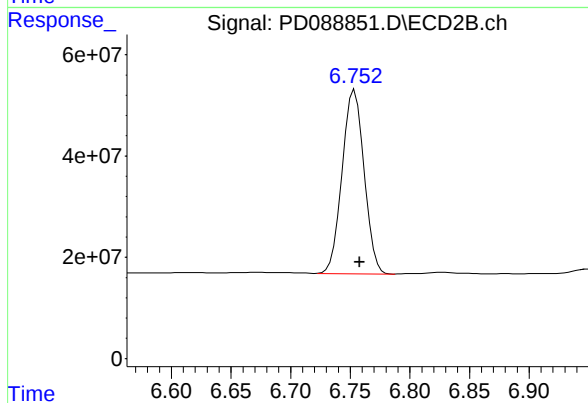
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 857803074
Conc: 48.31 ng/ml



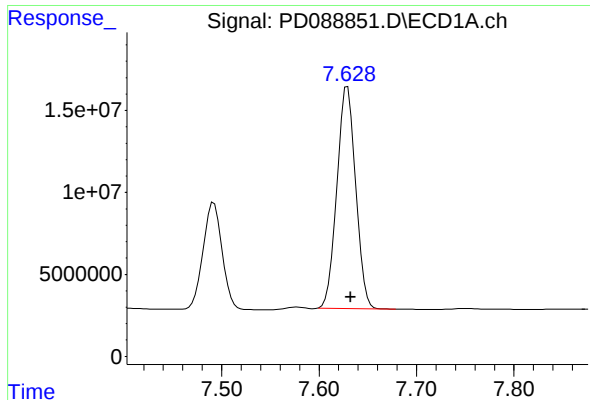
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 88293633
Conc: 52.85 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 465782254
Conc: 48.65 ng/ml



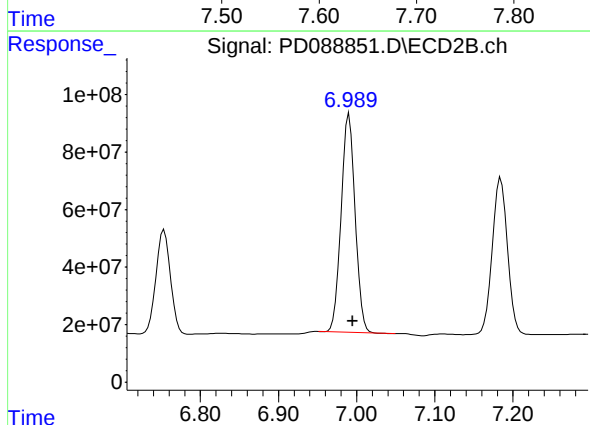
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 181095644
Conc: 52.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

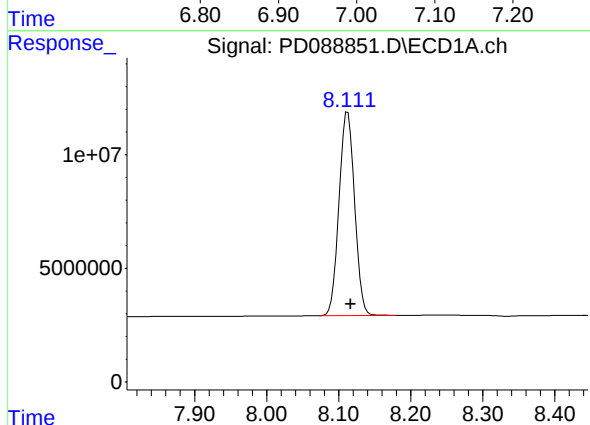
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



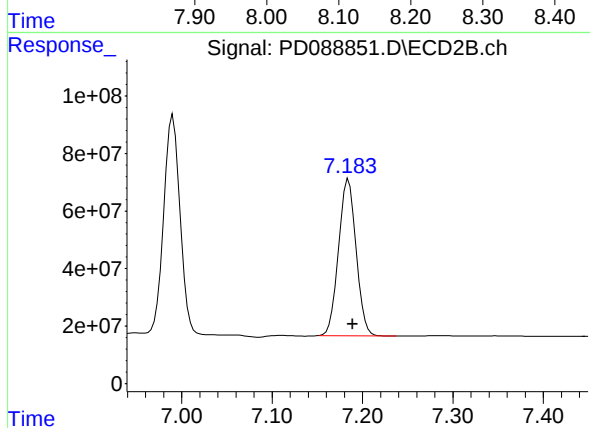
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 946457046
Conc: 48.92 ng/ml



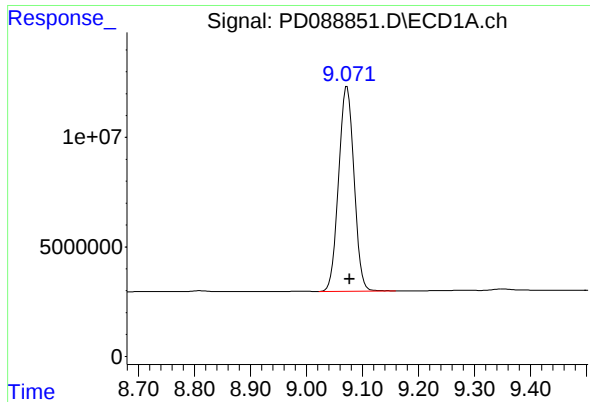
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.004 min
Response: 134299664
Conc: 51.69 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 736248666
Conc: 48.43 ng/ml



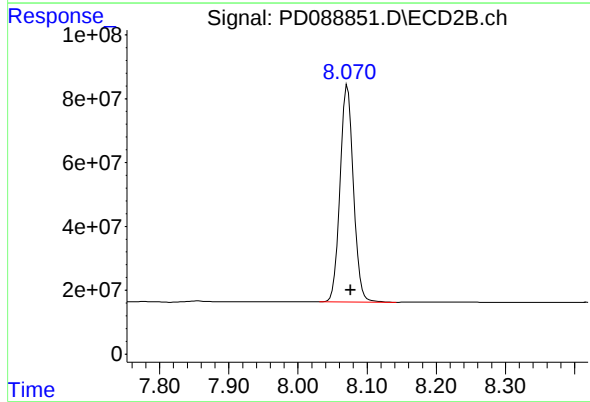
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.005 min
Response: 178464033
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 910689088
Conc: 49.88 ng/ml