

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041825\
 Data File : PD088124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2025 13:56
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC100

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 04/19/2025

Supervised By :mohammad ahmed 04/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 04:25:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 04:25:16 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...	3.551	2.900	198.2E6	1361.5E6	101.114	98.568
28) SA Decachlor...	9.075	8.093	308.1E6	1676.7E6	98.445	97.946
Target Compounds						
2) A alpha-BHC	4.001	3.413	478.3E6	2191.3E6	104.846	99.598
3) MA gamma-BHC...	4.332	3.749	450.7E6	2014.1E6	104.066	98.975
4) MA Heptachlor	4.931	4.103	426.4E6	1982.7E6	103.473	98.276
5) MB Aldrin	5.273	4.389	419.1E6	1944.0E6	103.451	98.579
6) B beta-BHC	4.516	4.045	160.4E6	847.4E6	100.801	97.843
7) B delta-BHC	4.765	4.282	444.5E6	2017.9E6	104.335	99.275
8) B Heptachlo...	5.693	4.892	367.1E6	1736.0E6	102.579	98.354m
9) A Endosulfan I	6.076	5.268	345.0E6	1644.8E6	102.166	97.631
10) B gamma-Chl...	5.947	5.146	375.8E6	1896.0E6	103.034	98.757
11) B alpha-Chl...	6.029	5.211	371.0E6	1819.3E6	102.498	98.477
12) B 4,4'-DDE	6.197	5.396	346.7E6	1834.5E6	103.381	98.584
13) MA Dieldrin	6.349	5.533	375.0E6	1853.7E6	103.019	98.382
14) MA Endrin	6.576	5.810	312.8E6	1675.6E6	103.179	97.930
15) B Endosulfa...	6.787	6.101	310.4E6	1601.0E6	101.581	97.777
16) A 4,4'-DDD	6.706	5.950	265.8E6	1515.5E6	103.156	97.940
17) MA 4,4'-DDT	7.023	6.204	292.3E6	1643.2E6	102.967	99.053
18) B Endrin al...	6.917	6.279	229.5E6	1206.4E6	101.060	97.405
19) B Endosulfa...	7.151	6.502	289.7E6	1562.9E6	101.567	97.534
20) A Methoxychlor	7.494	6.774	146.1E6	827.2E6	99.776	96.687
21) B Endrin ke...	7.631	7.011	312.9E6	1699.7E6	101.477	97.396
22) Mirex	8.115	7.205	219.9E6	1333.1E6	98.857	97.475

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041825\
Data File : PD088124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2025 13:56
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC100

Manual Integrations

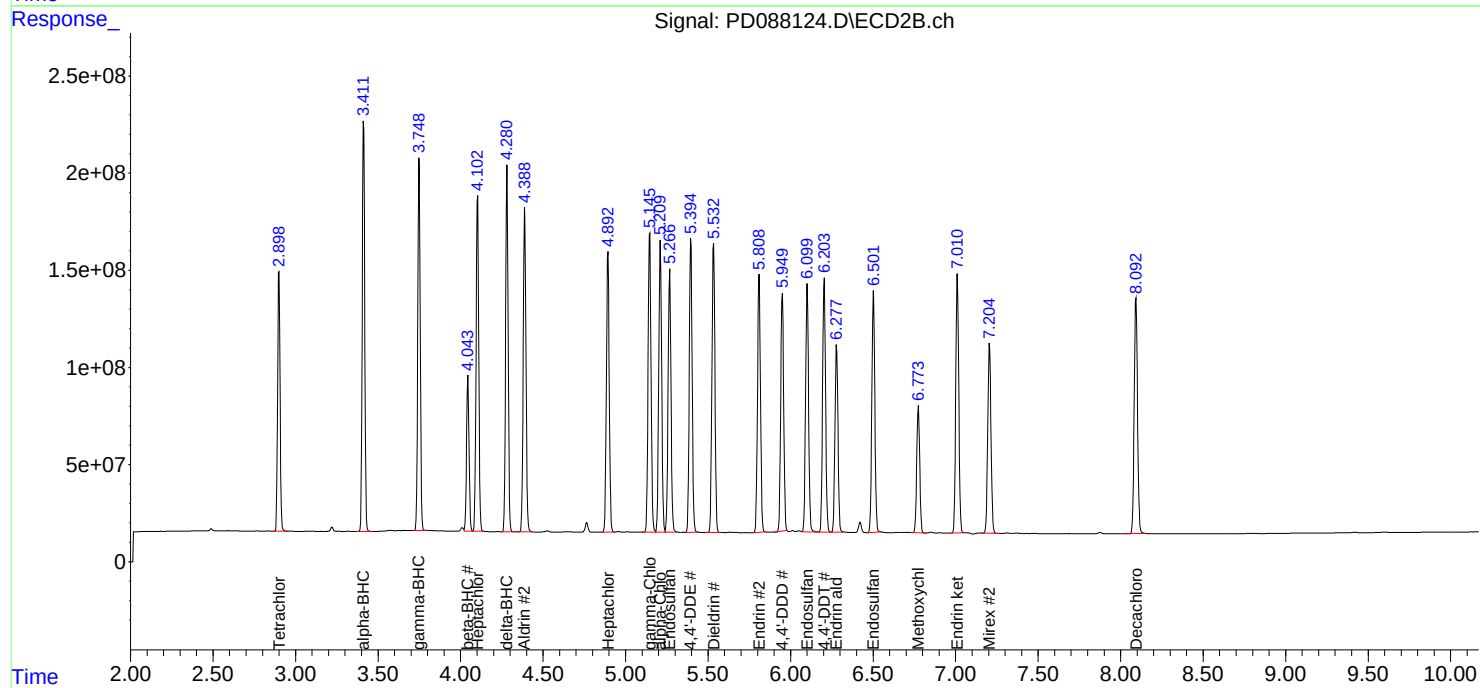
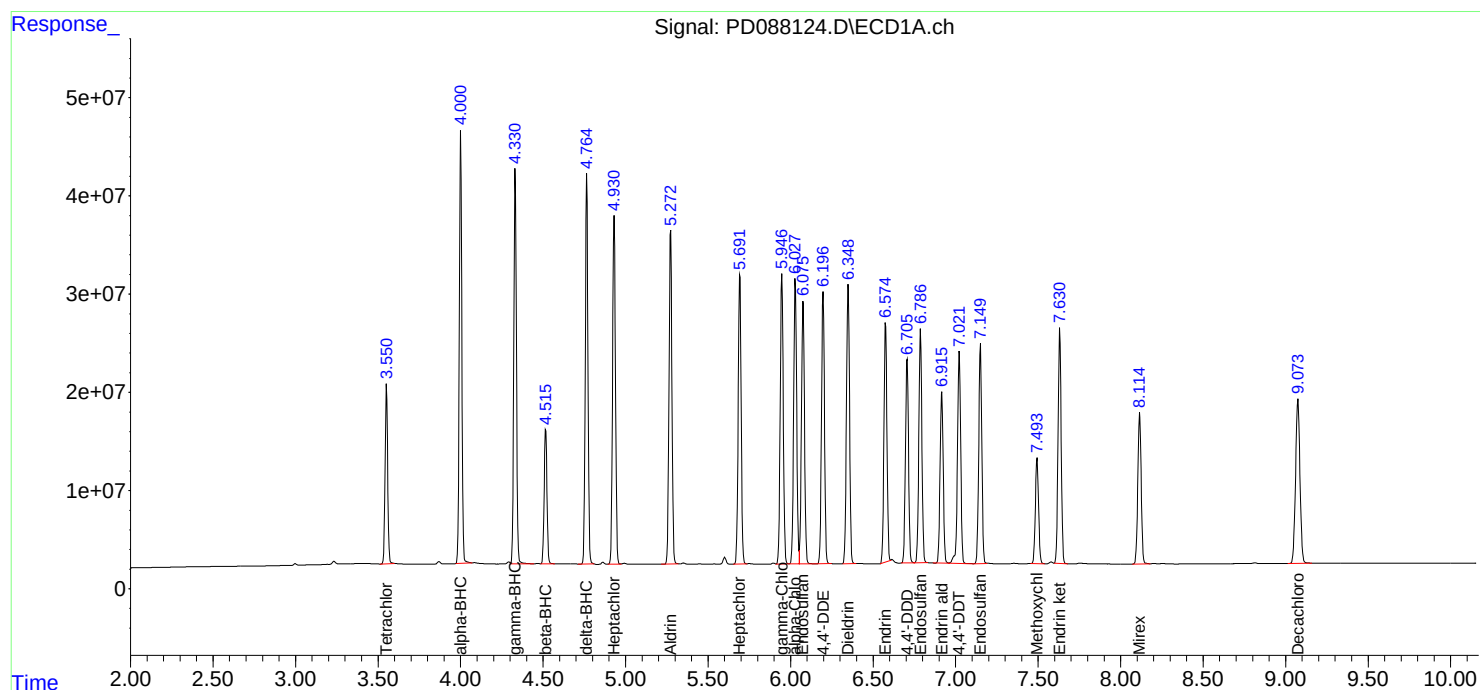
APPROVED

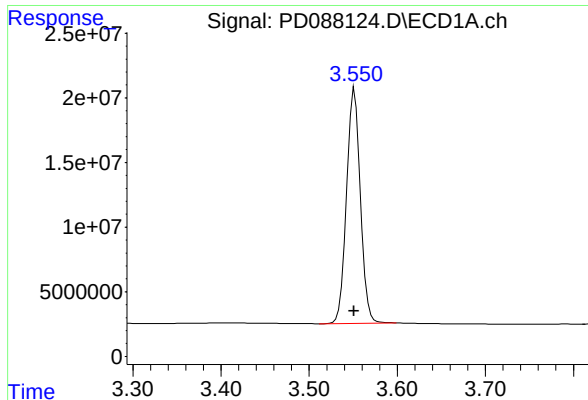
Reviewed By :Abdul Mirza 04/19/2025

Supervised By :mohammad ahmed 04/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 04:25:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 04:25:16 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





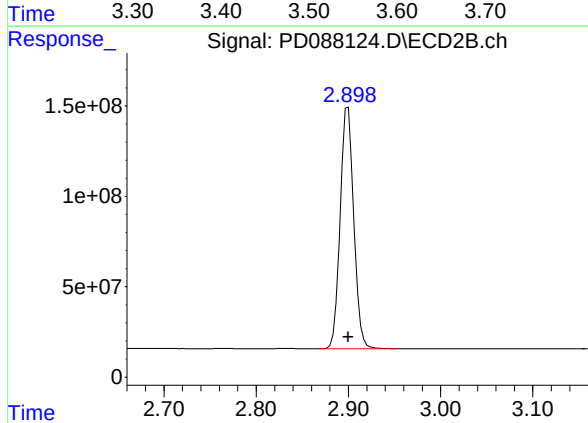
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 198234117
Conc: 101.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

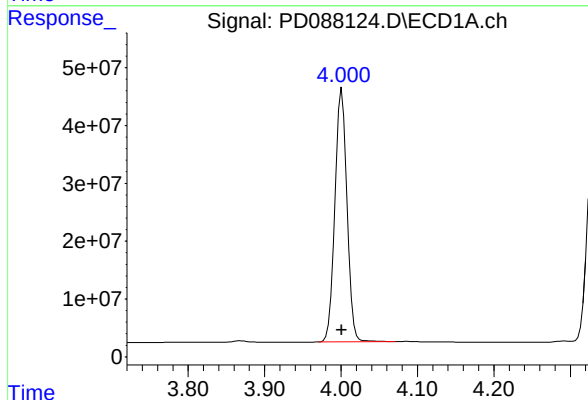
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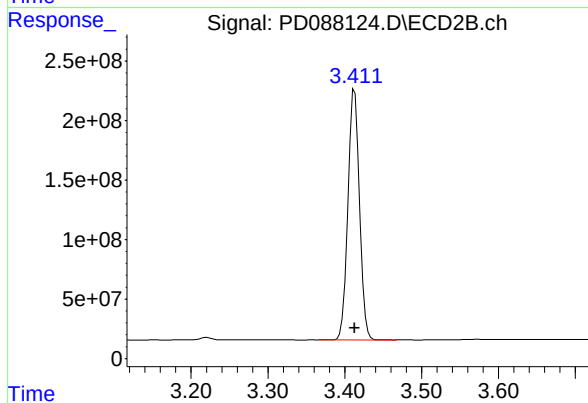
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 1361531613
Conc: 98.57 ng/ml



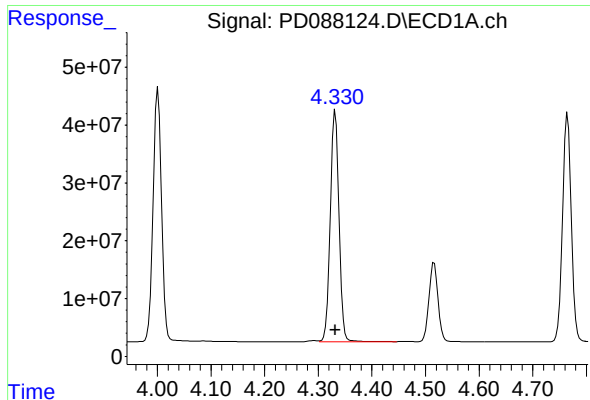
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 478294593
Conc: 104.85 ng/ml



#2 alpha-BHC

R.T.: 3.413 min
Delta R.T.: 0.000 min
Response: 2191345557
Conc: 99.60 ng/ml



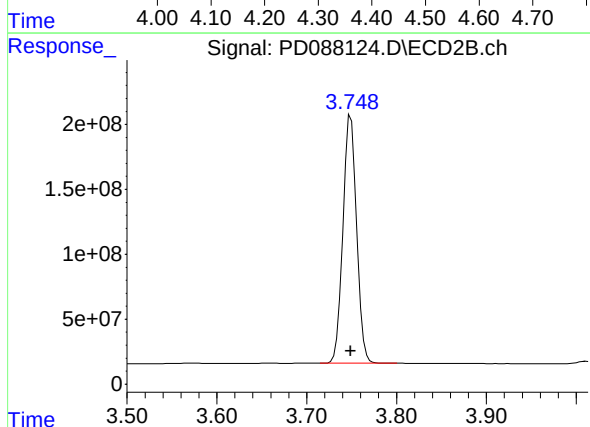
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 450721159
Conc: 104.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

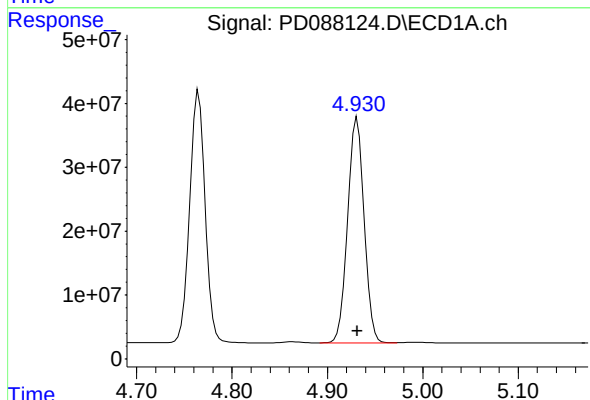
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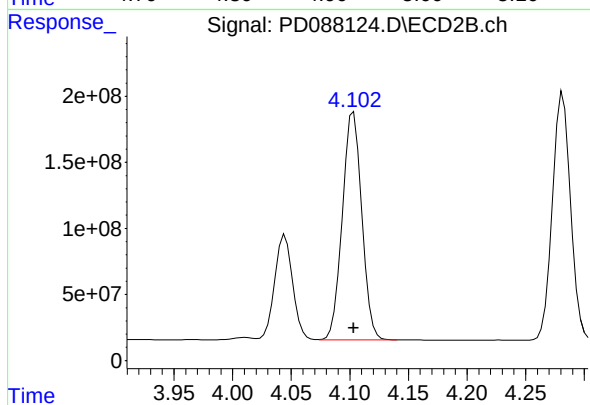
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 2014083811
Conc: 98.97 ng/ml



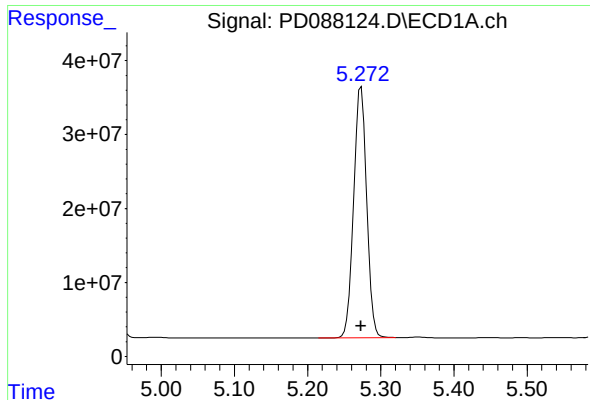
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 426448897
Conc: 103.47 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: 0.000 min
Response: 1982693593
Conc: 98.28 ng/ml



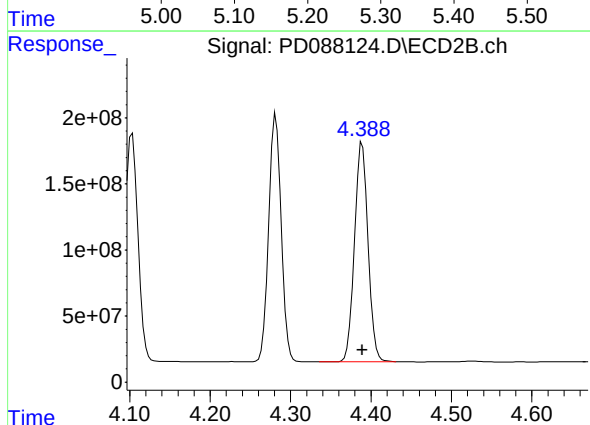
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 419147389
Conc: 103.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

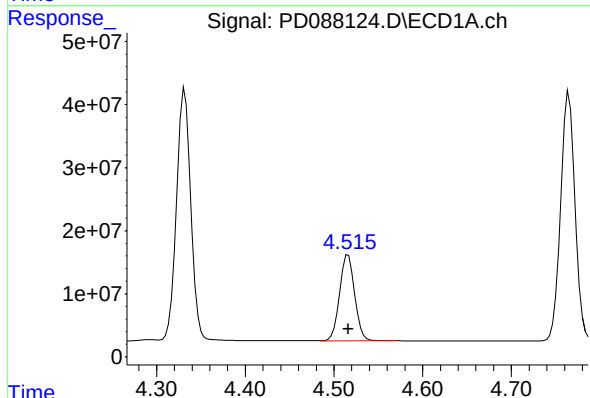
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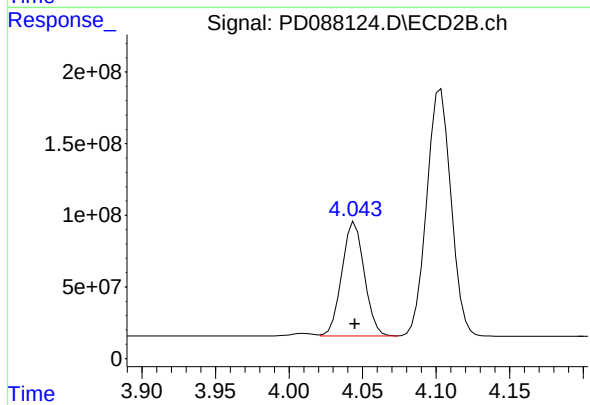
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 1943968817
Conc: 98.58 ng/ml



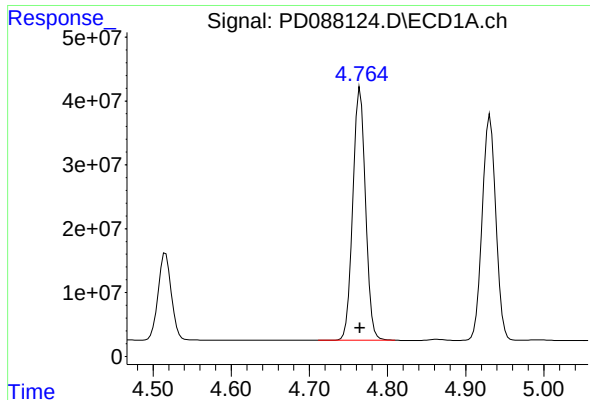
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 160449345
Conc: 100.80 ng/ml



#6 beta-BHC

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 847390411
Conc: 97.84 ng/ml



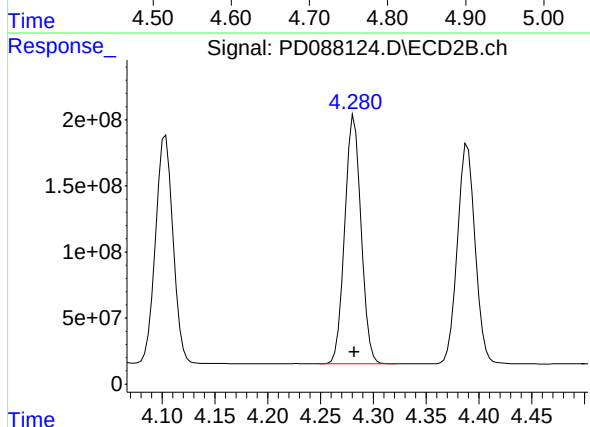
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 444516408
Conc: 104.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

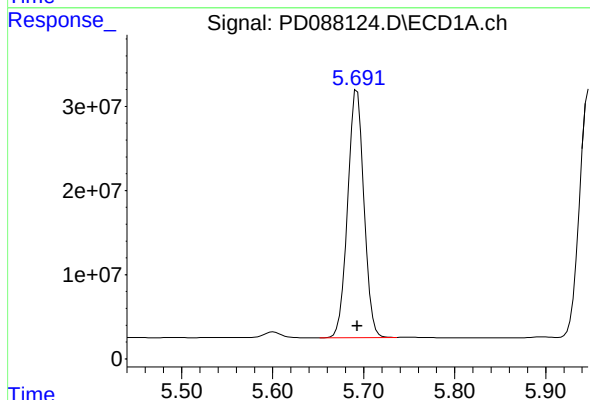
Manual Integrations
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Supervised By :mohammad ahmed 04/22/2025



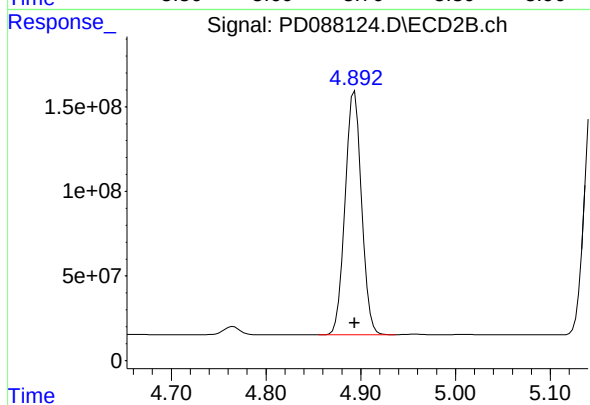
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.000 min
Response: 2017870820
Conc: 99.27 ng/ml



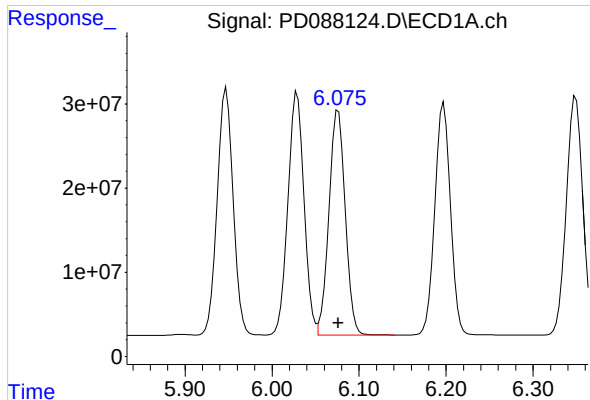
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 367091395
Conc: 102.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 1735990040
Conc: 98.35 ng/ml m



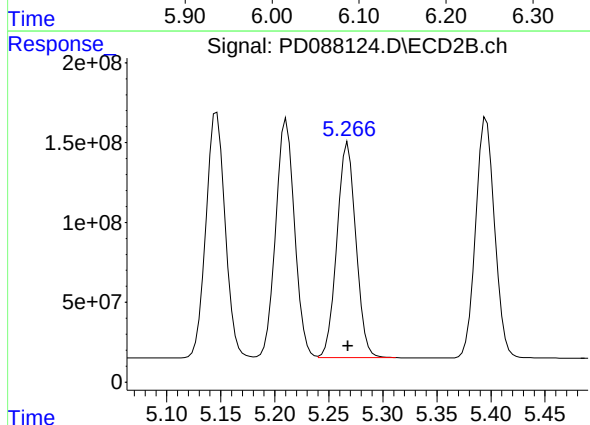
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 345033577
Conc: 102.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

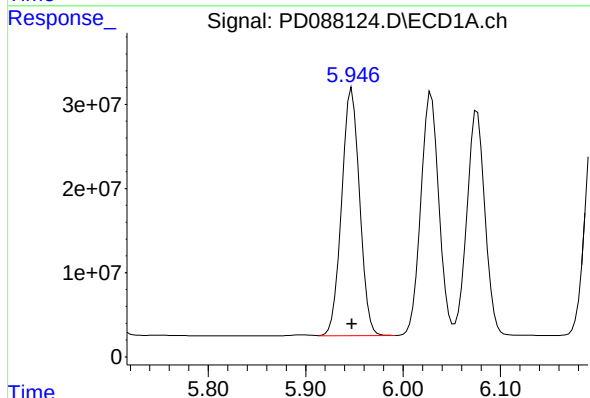
Manual Integrations
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Reviewed By :Abdul Mirza 04/19/2025
Supervised By :mohammad ahmed 04/22/2025



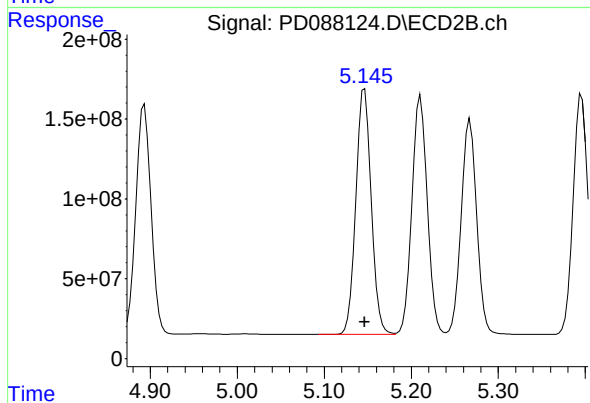
#9 Endosulfan I

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 1644830777
Conc: 97.63 ng/ml



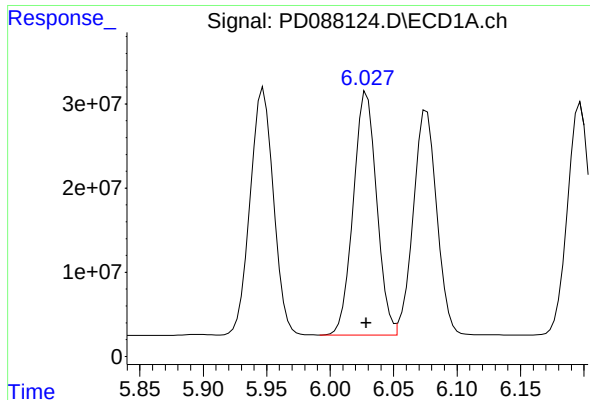
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 375755476
Conc: 103.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 1896002446
Conc: 98.76 ng/ml



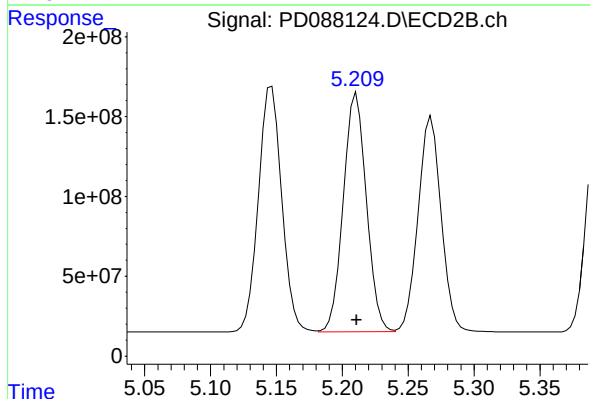
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 371034138
Conc: 102.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

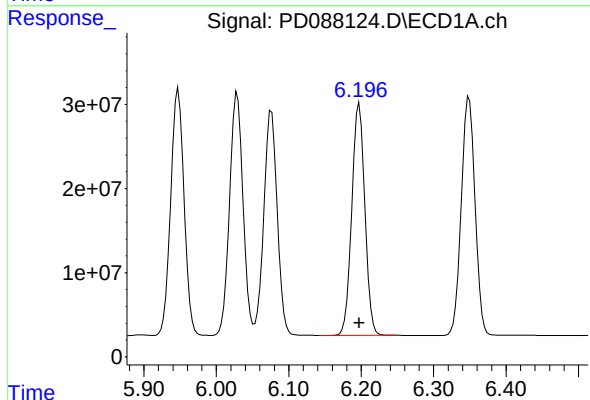
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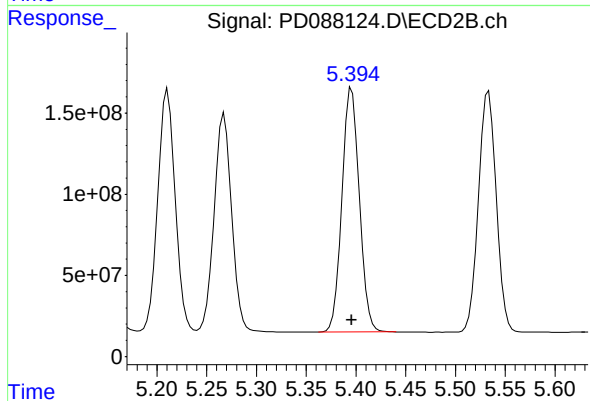
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 1819263378
Conc: 98.48 ng/ml



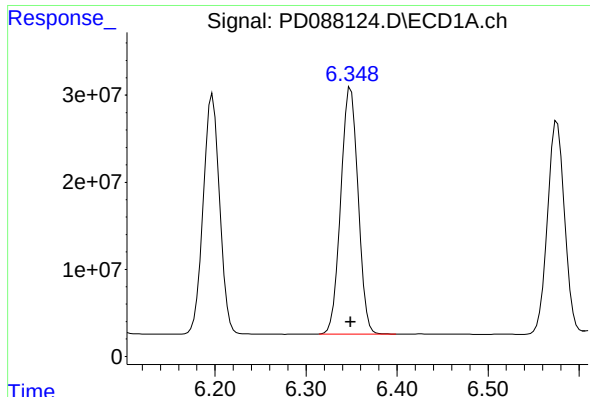
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 346691318
Conc: 103.38 ng/ml



#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 1834547618
Conc: 98.58 ng/ml



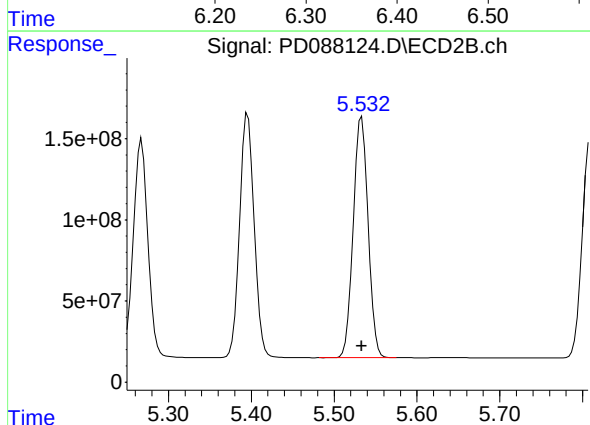
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 375015671
Conc: 103.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

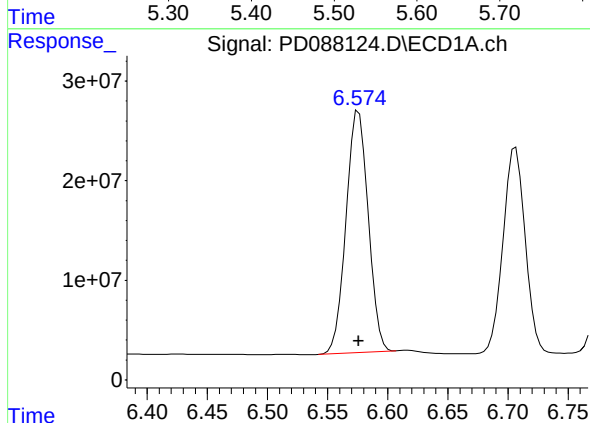
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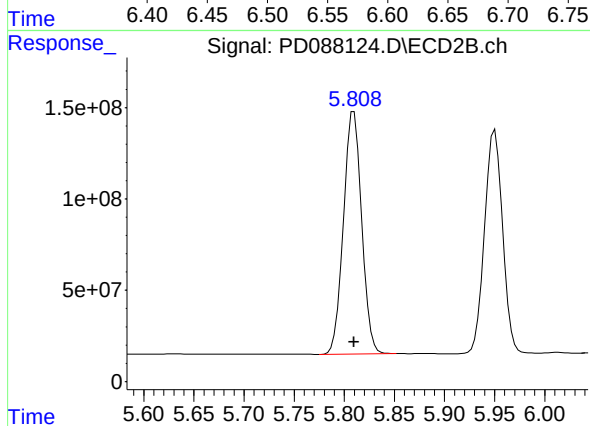
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 1853680989
Conc: 98.38 ng/ml



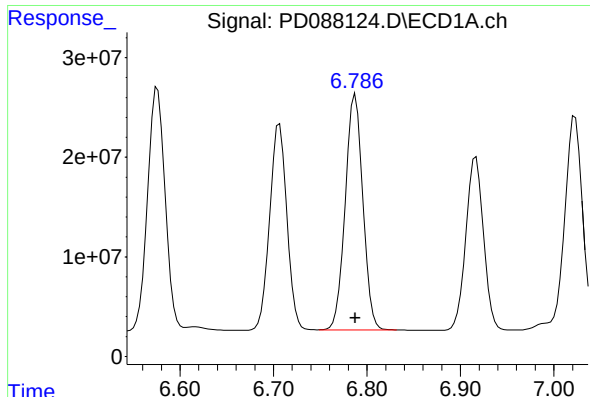
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 312818338
Conc: 103.18 ng/ml



#14 Endrin

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 1675615058
Conc: 97.93 ng/ml



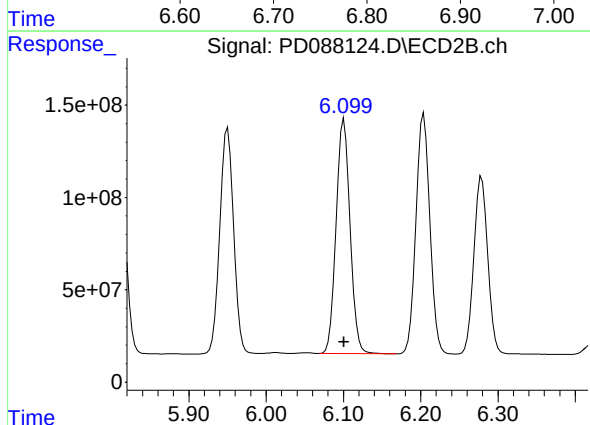
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 310413086
Conc: 101.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

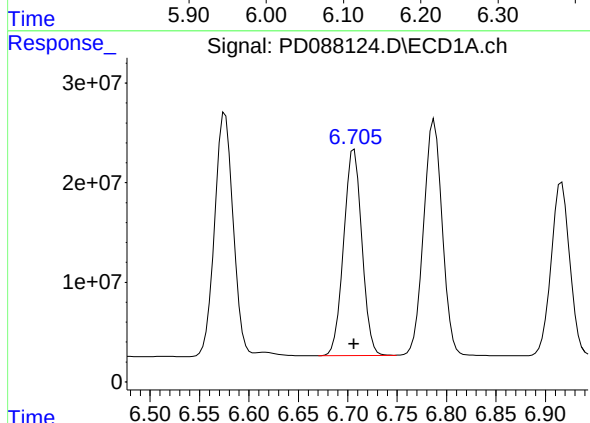
Manual Integrations
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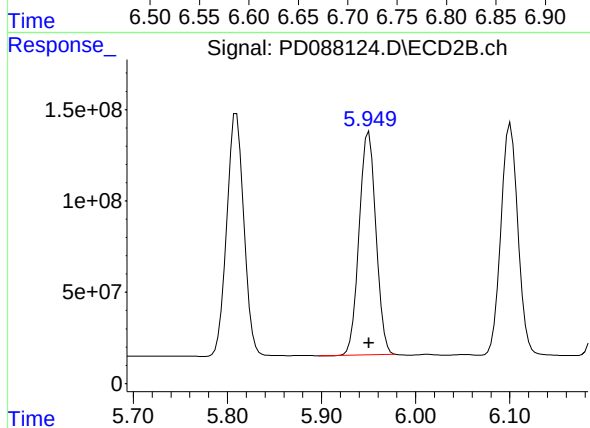
#15 Endosulfan II

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 1600976508
Conc: 97.78 ng/ml



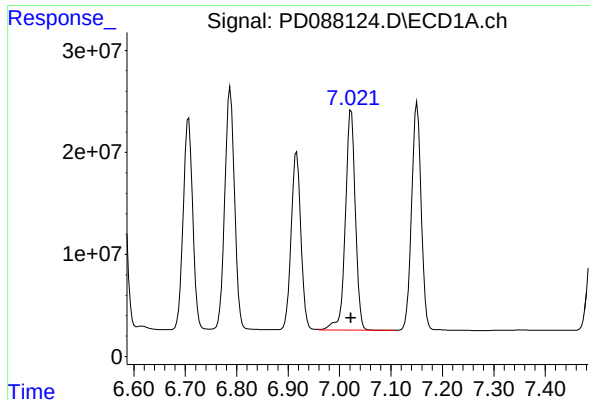
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 265760396
Conc: 103.16 ng/ml



#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 1515468249
Conc: 97.94 ng/ml



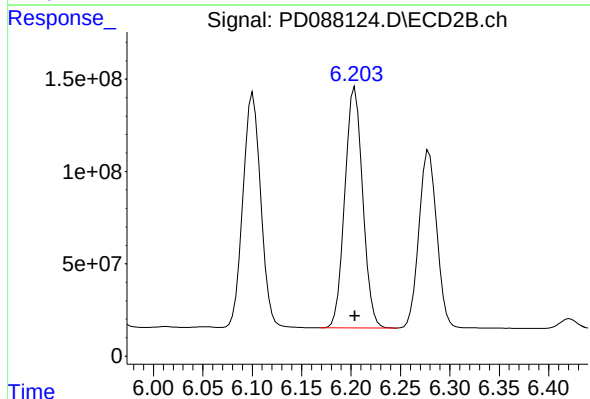
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 292348242
Conc: 102.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

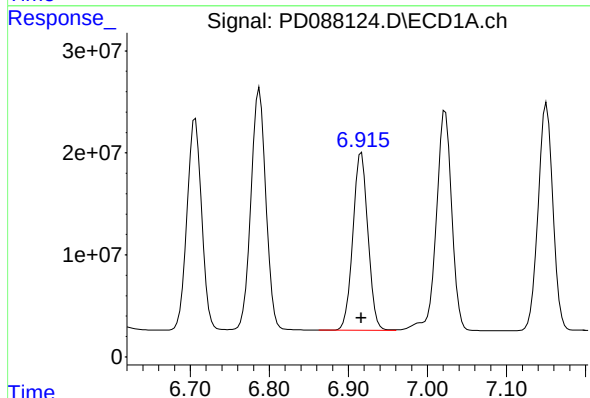
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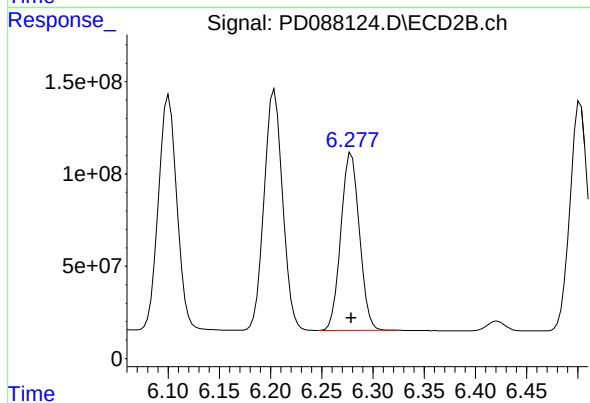
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 1643160337
Conc: 99.05 ng/ml



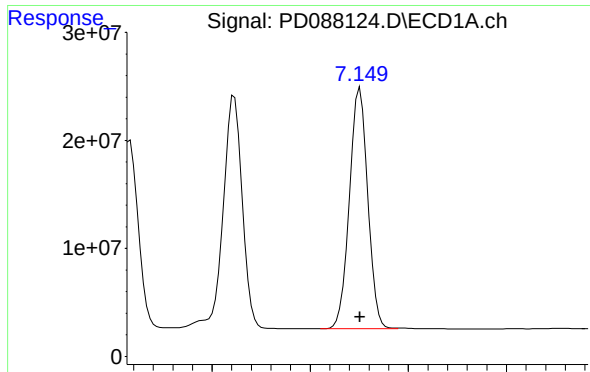
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 229501229
Conc: 101.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 1206434283
Conc: 97.40 ng/ml



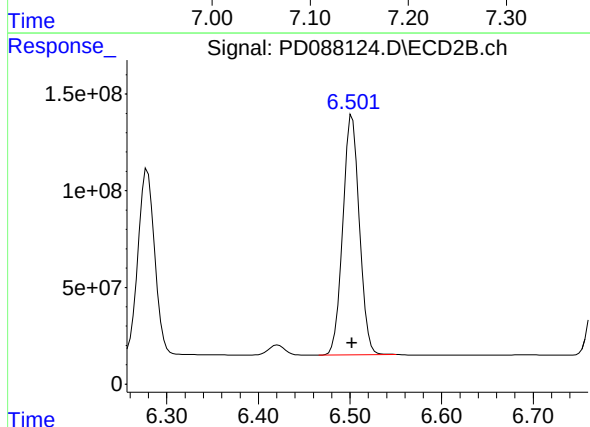
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 289697395
Conc: 101.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

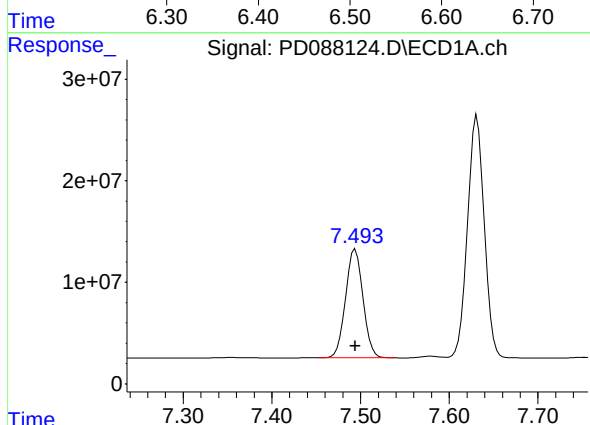
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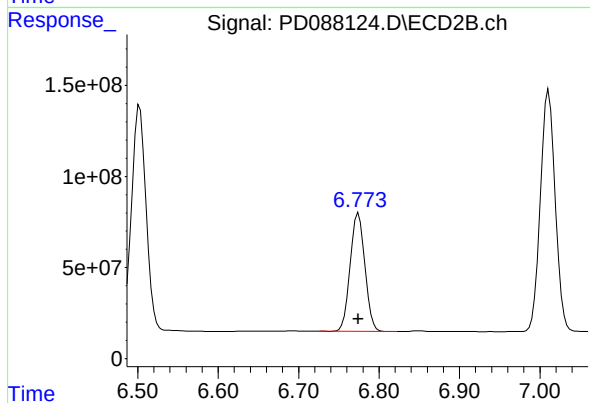
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 1562895135
Conc: 97.53 ng/ml



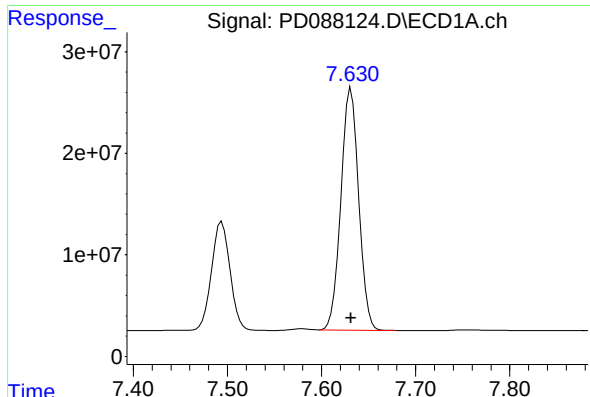
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 146129589
Conc: 99.78 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 827232755
Conc: 96.69 ng/ml



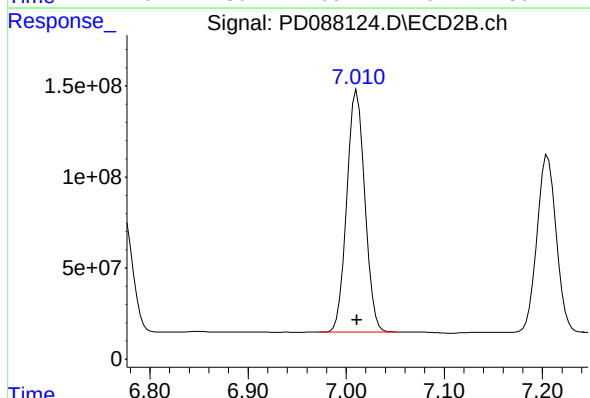
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 312858827
Conc: 101.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

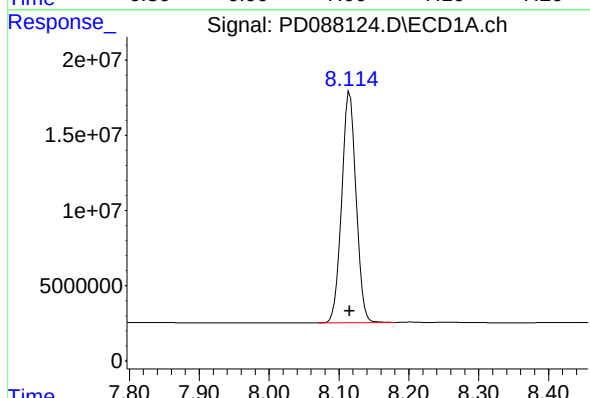
Manual Integrations
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Reviewed By :Abdul Mirza 04/19/2025
Supervised By :mohammad ahmed 04/22/2025



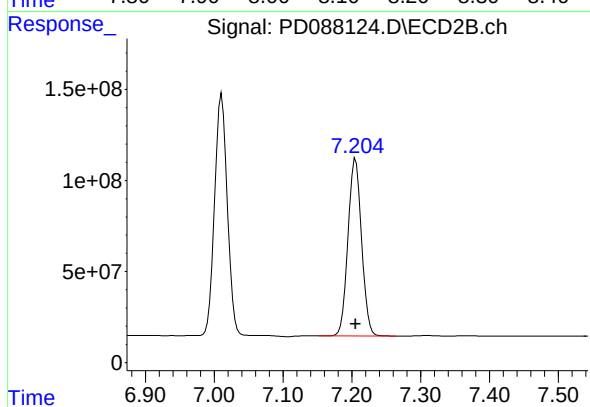
#21 Endrin ketone

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 1699657766
Conc: 97.40 ng/ml



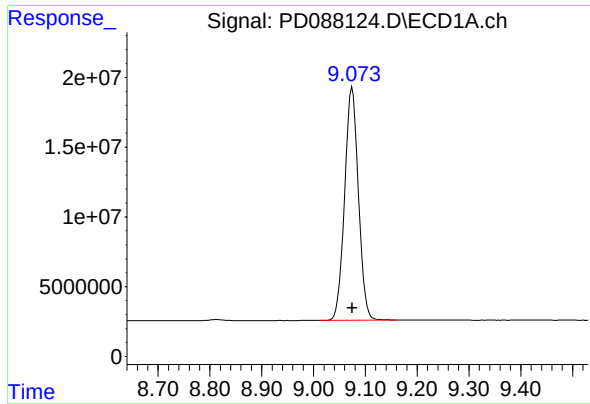
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 219877176
Conc: 98.86 ng/ml



#22 Mirex

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 1333108121
Conc: 97.48 ng/ml



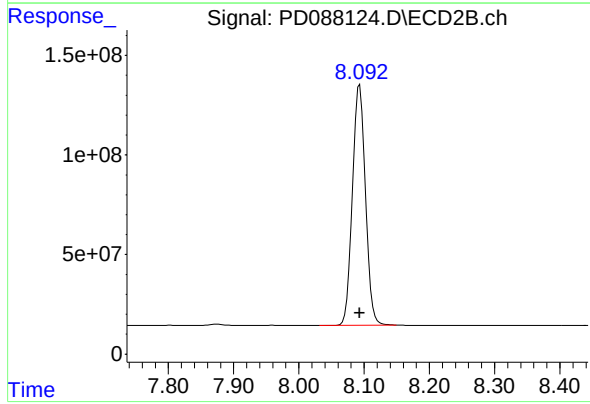
#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 308082392
Conc: 98.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2025
Supervised By :mohammad ahmed 04/22/2025



#28 Decachlorobiphenyl

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 1676703182
Conc: 97.95 ng/ml