

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
 Data File : PD088344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 17:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:51:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.550	2.882	109.7E6	740.3E6	54.930	50.632
28) SA Decachlor...	9.076	8.077	161.8E6	786.8E6	48.908	42.578
Target Compounds						
2) A alpha-BHC	4.000	3.395	249.5E6	1174.0E6	57.873	51.353
3) MA gamma-BHC...	4.331	3.732	238.8E6	1086.2E6	57.028	50.430
4) MA Heptachlor	4.930	4.085	222.6E6	1045.2E6	55.110	48.847
5) MB Aldrin	5.273	4.372	225.2E6	1076.3E6	57.025	51.740
6) B beta-BHC	4.516	4.027	90866468	471.0E6	55.974	50.897
7) B delta-BHC	4.764	4.264	235.5E6	1083.0E6	57.084	50.936
8) B Heptachlo...	5.692	4.876	198.2E6	946.1E6	55.448	50.074
9) A Endosulfan I	6.076	5.249	188.9E6	809.0E6	55.931	44.914
10) B gamma-Chl...	5.946	5.129	201.5E6	1016.5E6	55.631m	50.084
11) B alpha-Chl...	6.028	5.193	202.2E6	974.5E6	56.030	49.710
12) B 4,4'-DDE	6.197	5.377	177.6E6	981.0E6	53.850	49.810m
13) MA Dieldrin	6.349	5.516	200.5E6	993.2E6	56.175	49.828
14) MA Endrin	6.576	5.792	163.3E6	909.8E6	54.763	49.980
15) B Endosulfa...	6.787	6.083	168.4E6	852.1E6	53.861	48.630
16) A 4,4'-DDD	6.706	5.933	144.7E6	823.2E6	57.549	50.239
17) MA 4,4'-DDT	7.023	6.187	142.9E6	783.4E6	51.446	46.036
18) B Endrin al...	6.916	6.262	119.8E6	617.0E6	51.922	46.386
19) B Endosulfa...	7.151	6.485	152.6E6	813.3E6	53.080	47.469
20) A Methoxychlor	7.494	6.758	70787967	409.5E6	47.206	44.891
21) B Endrin ke...	7.632	6.995	162.4E6	868.0E6	52.620	46.405
22) Mirex	8.116	7.189	116.8E6	675.2E6	49.723	45.555

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
Data File : PD088344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 17:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

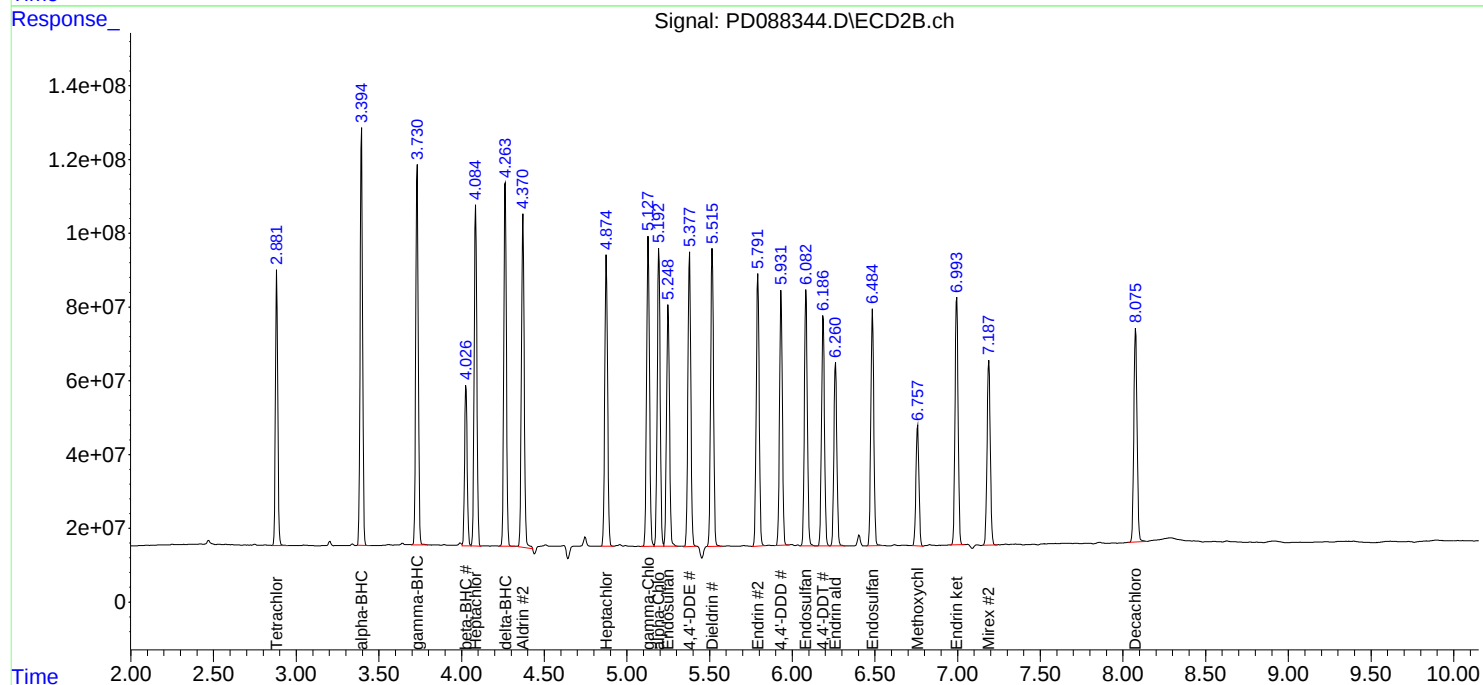
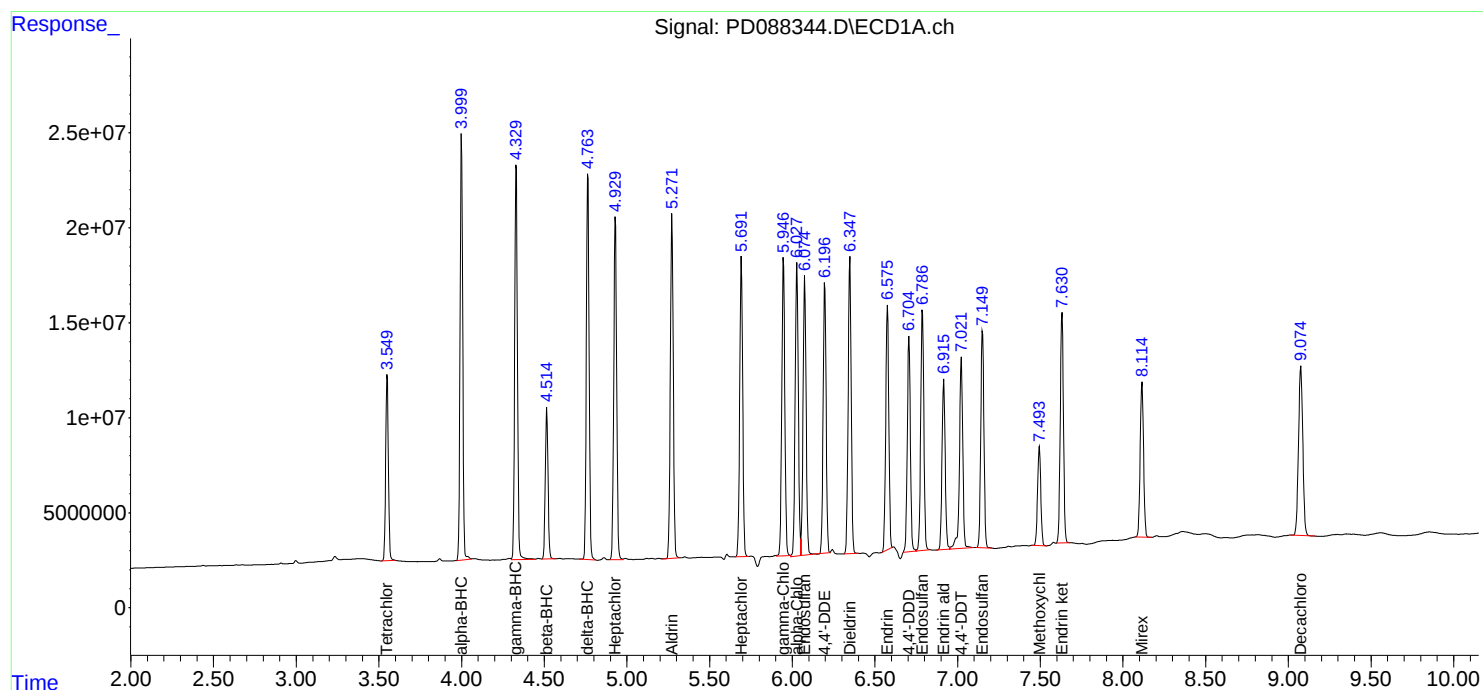
APPROVED

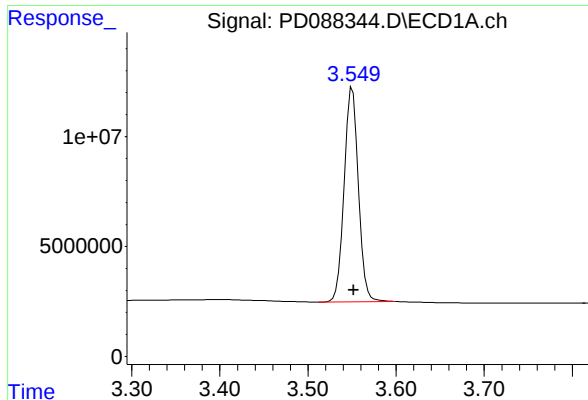
Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:51:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





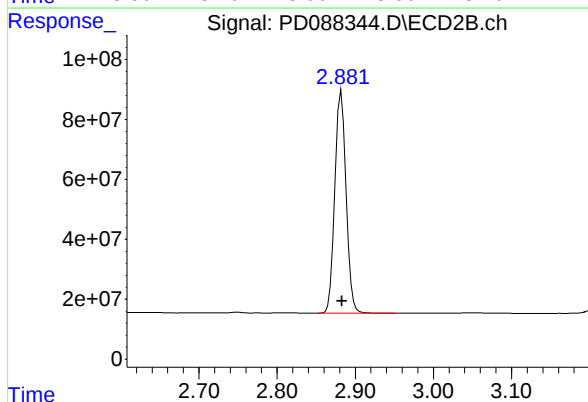
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 109716914
Conc: 54.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

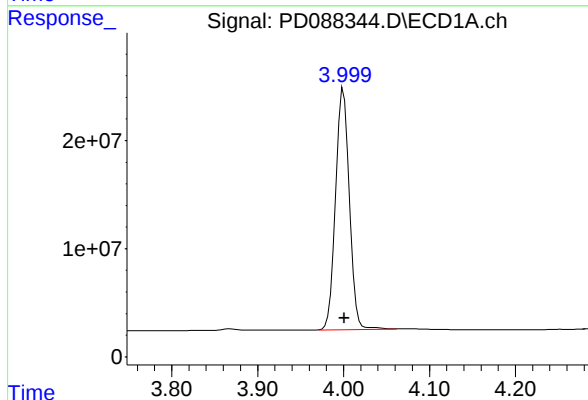
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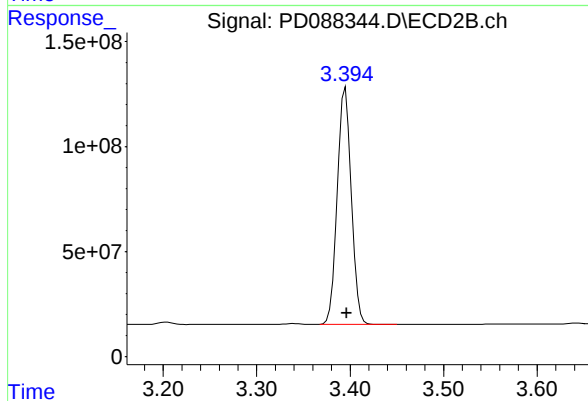
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 740327842
Conc: 50.63 ng/ml



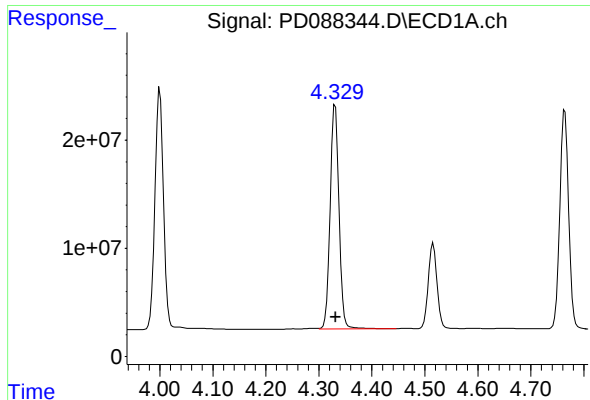
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 249548451
Conc: 57.87 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1173999515
Conc: 51.35 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 238804597
Conc: 57.03 ng/ml

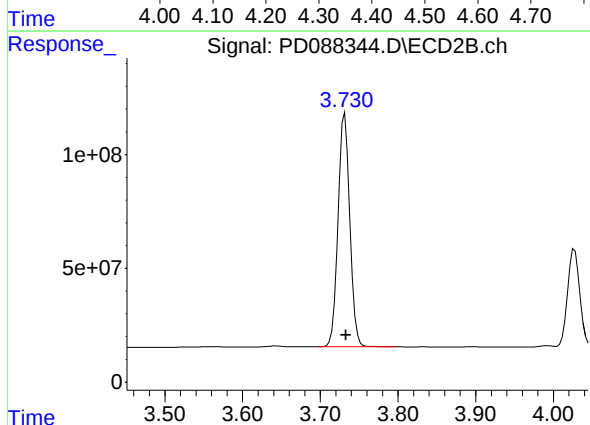
Instrument :

ECD_D

ClientSampleId :
PSTDCCC050

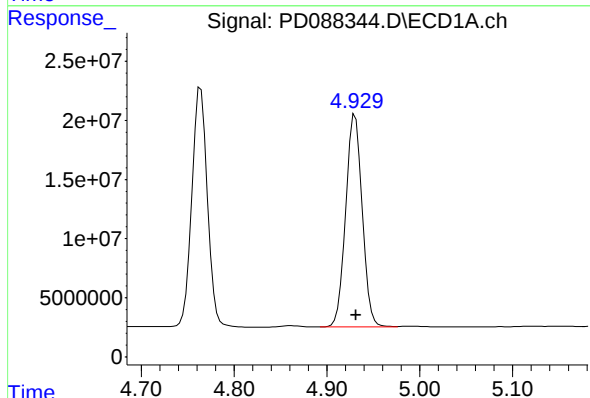
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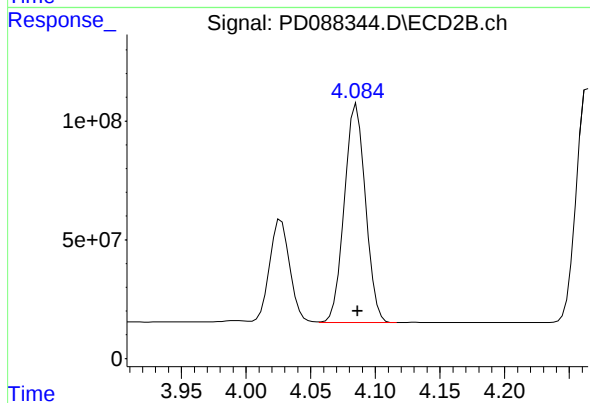
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 1086187879
Conc: 50.43 ng/ml



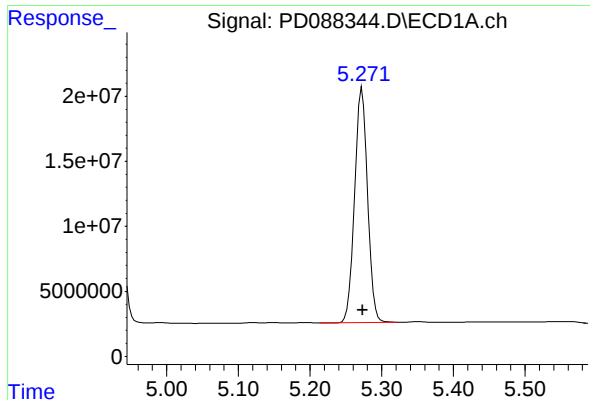
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 222585860
Conc: 55.11 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 1045239749
Conc: 48.85 ng/ml



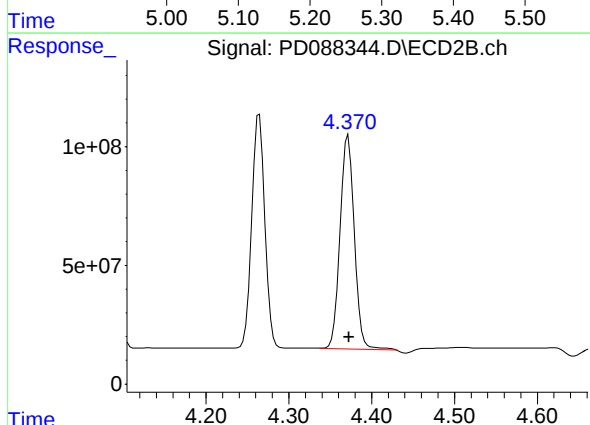
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 225225043
Conc: 57.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

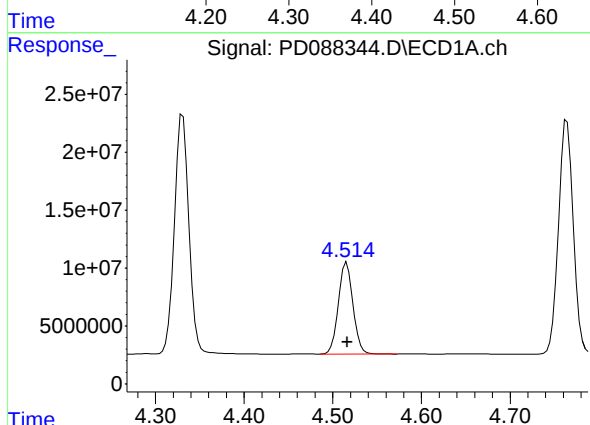
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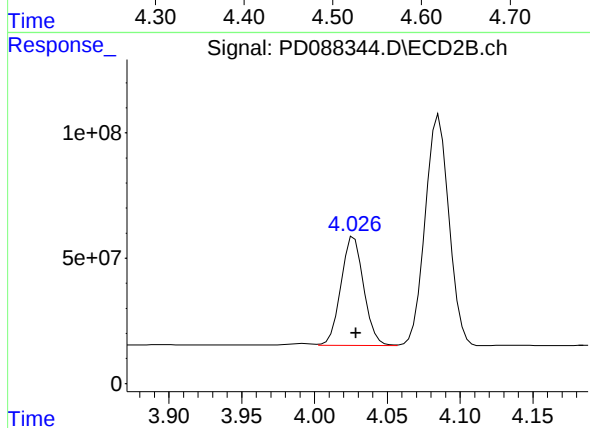
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: -0.001 min
Response: 1076333702
Conc: 51.74 ng/ml



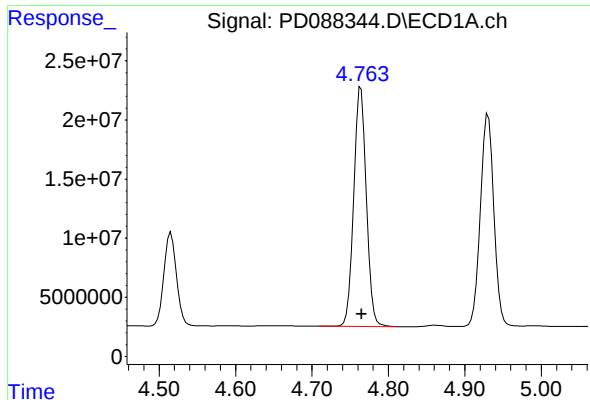
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 90866468
Conc: 55.97 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 471003502
Conc: 50.90 ng/ml



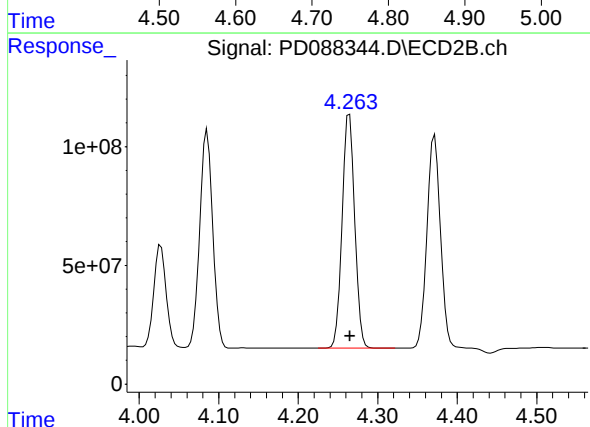
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: -0.001 min
Response: 235470844
Conc: 57.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

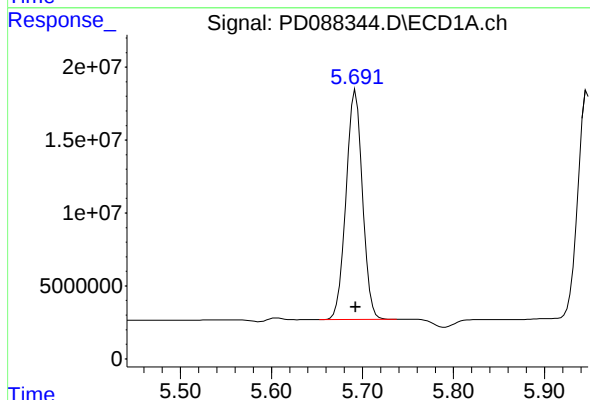
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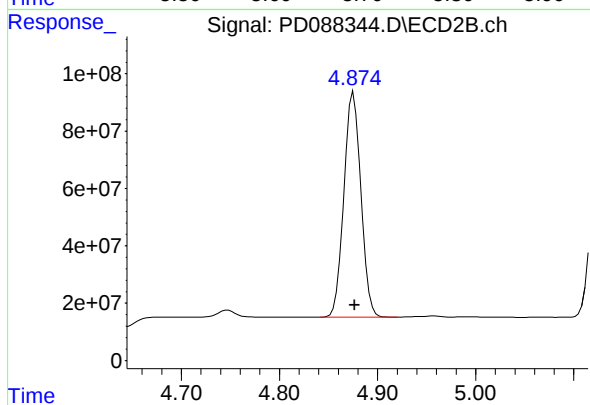
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1082973154
Conc: 50.94 ng/ml



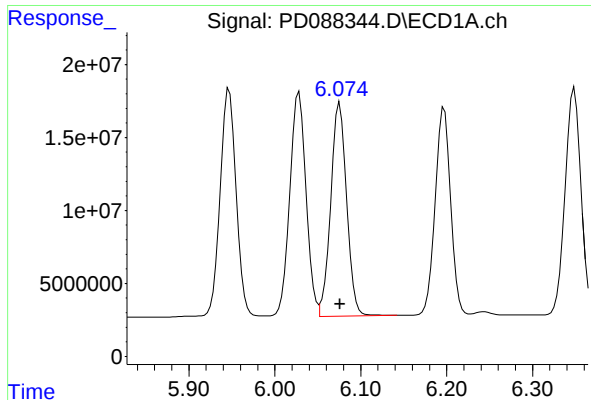
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 198169677
Conc: 55.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 946118506
Conc: 50.07 ng/ml



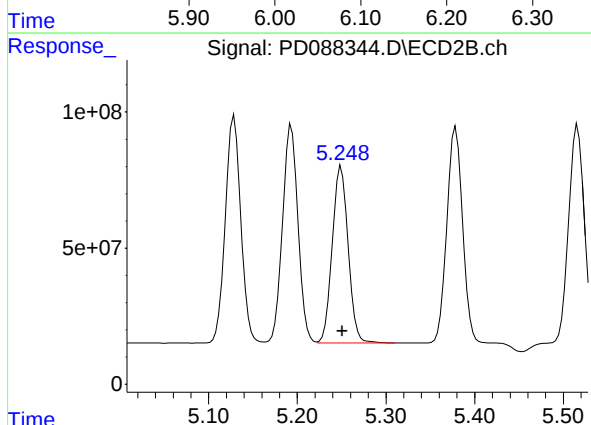
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 188886119
Conc: 55.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

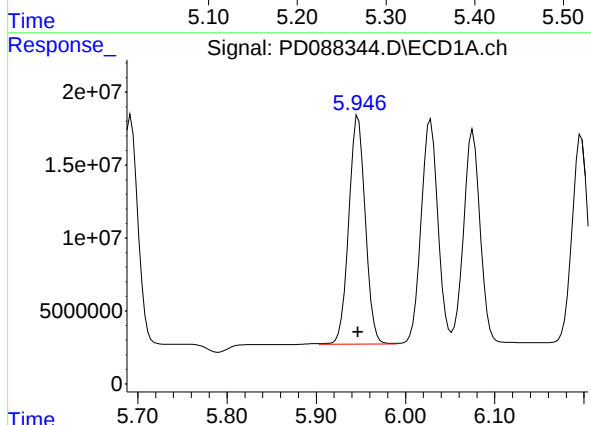
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Supervised By :mohammad ahmed 05/02/2025



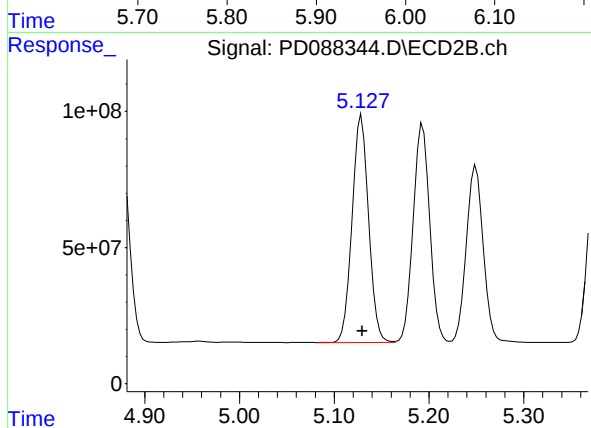
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 809011853
Conc: 44.91 ng/ml



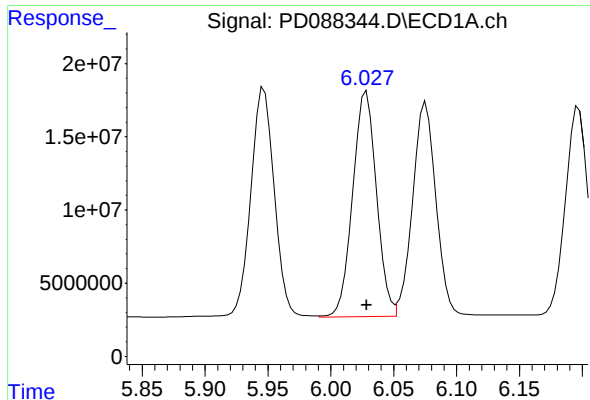
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 201498675
Conc: 55.63 ng/ml m



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1016510063
Conc: 50.08 ng/ml



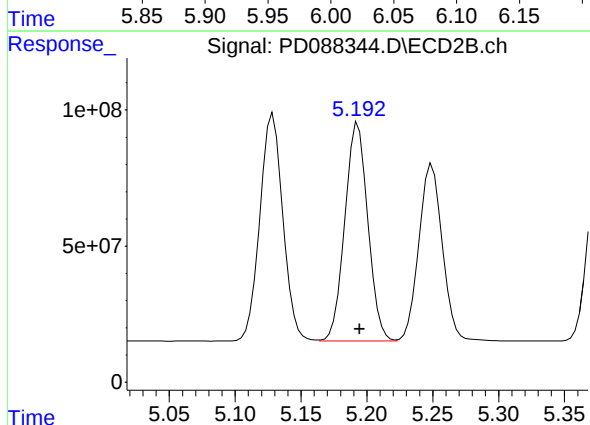
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 202245605
Conc: 56.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

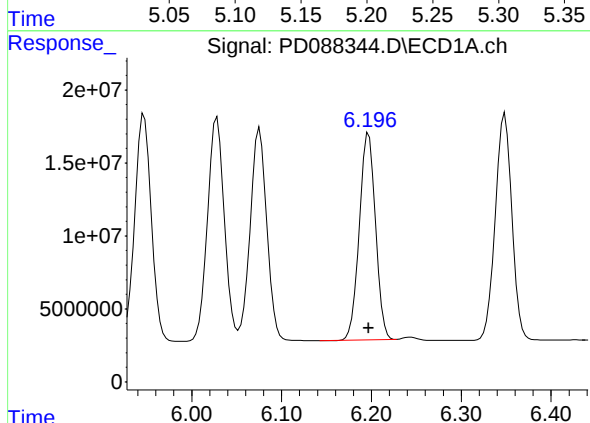
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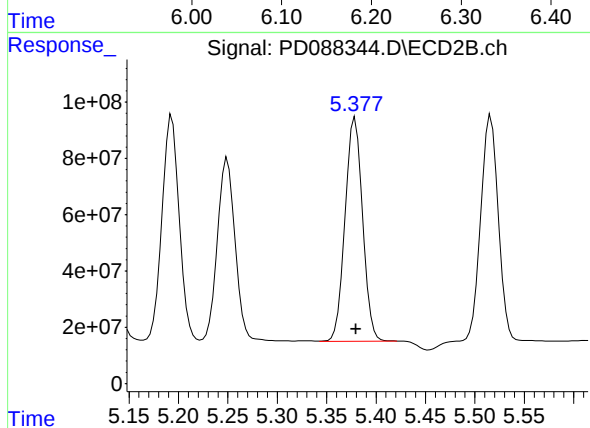
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 974456801
Conc: 49.71 ng/ml



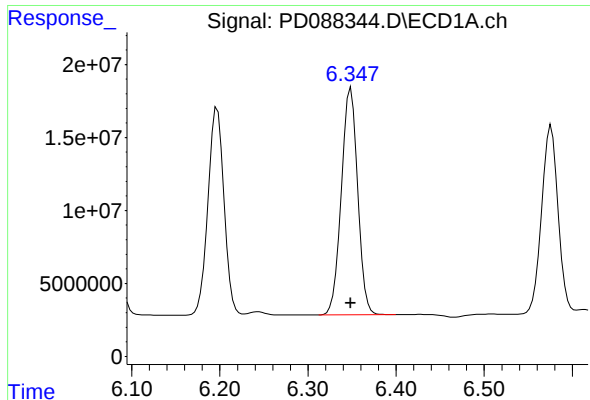
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 177610793
Conc: 53.85 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 980950500
Conc: 49.81 ng/ml m



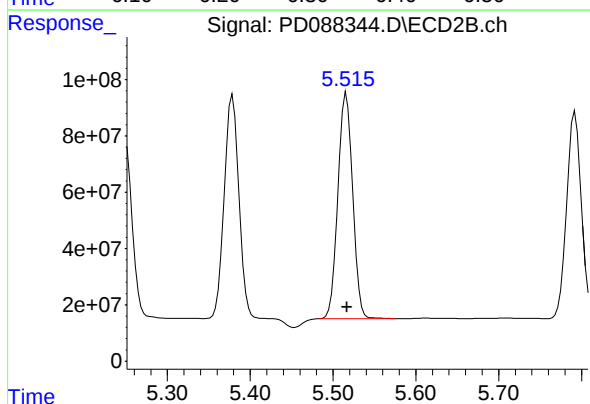
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 200458725
Conc: 56.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

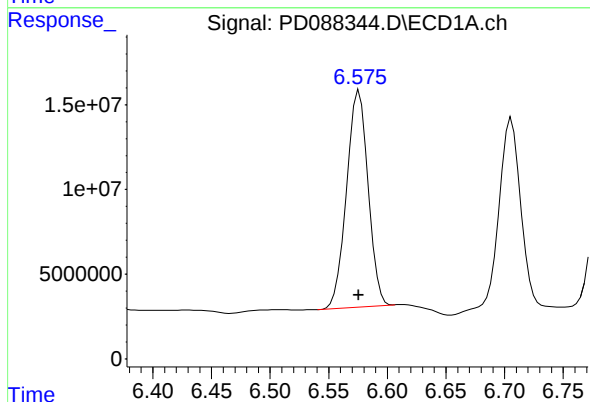
Manual Integrations
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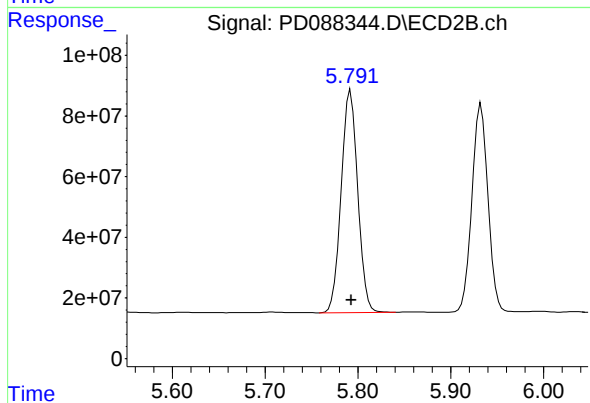
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 993206361
Conc: 49.83 ng/ml



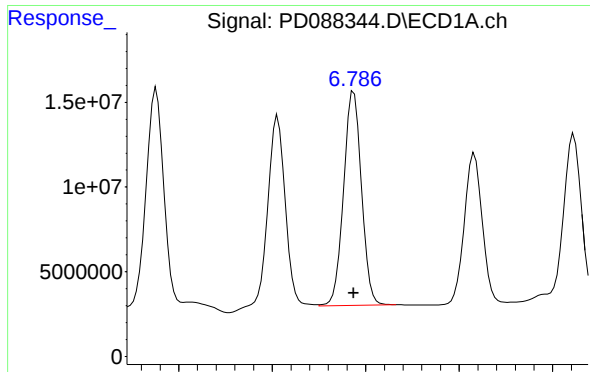
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 163334206
Conc: 54.76 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 909760201
Conc: 49.98 ng/ml



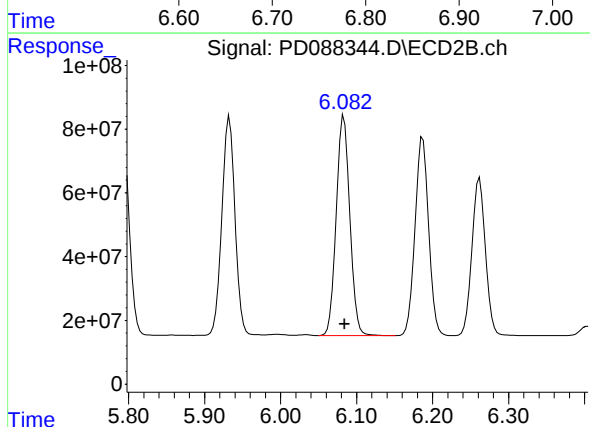
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 168381674
Conc: 53.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

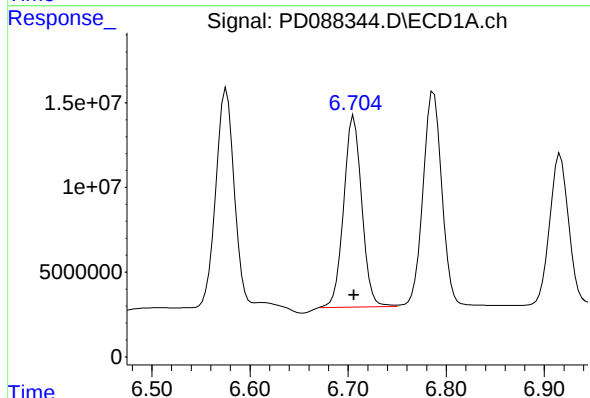
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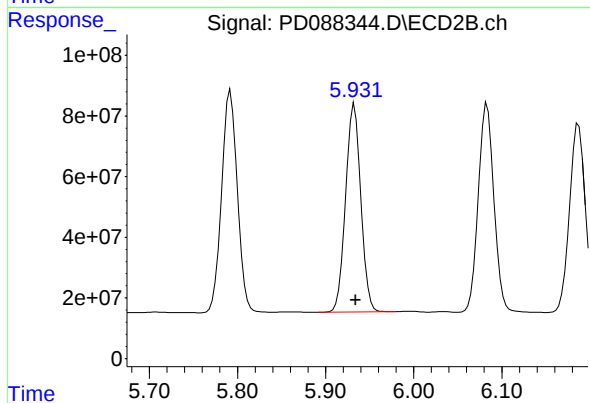
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 852080835
Conc: 48.63 ng/ml



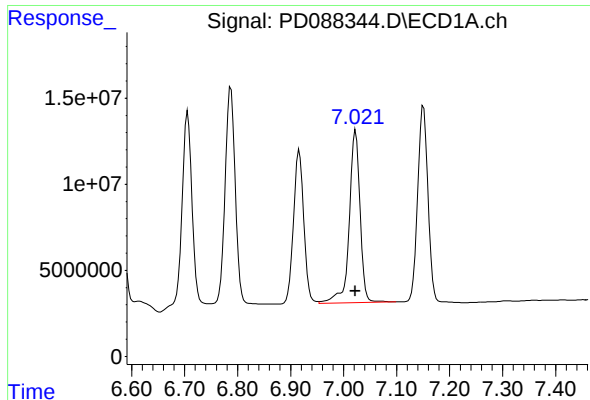
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 144732751
Conc: 57.55 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 823230292
Conc: 50.24 ng/ml



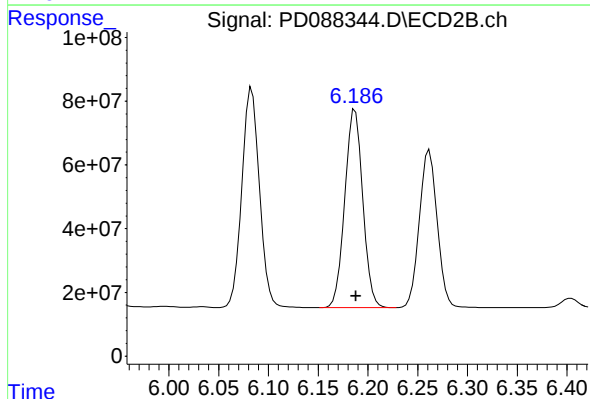
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 142892781
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

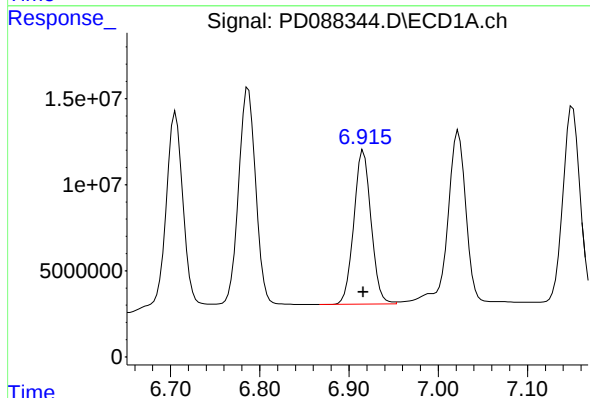
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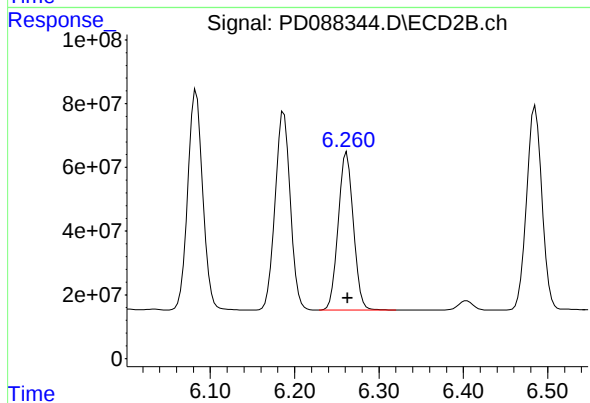
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 783373413
Conc: 46.04 ng/ml



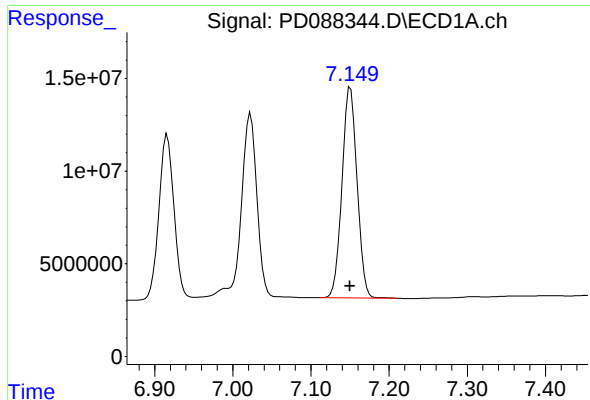
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 119836115
Conc: 51.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 616973875
Conc: 46.39 ng/ml



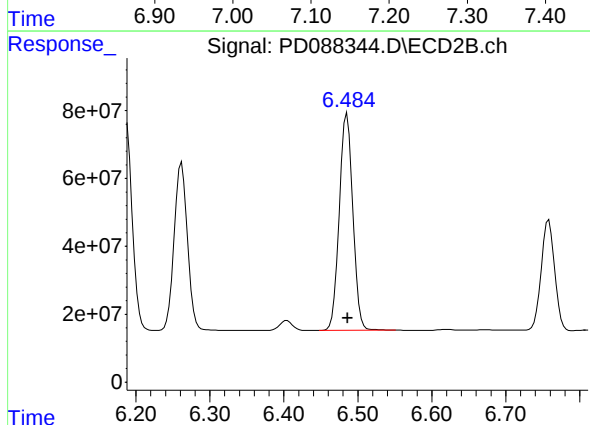
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 152649225
Conc: 53.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

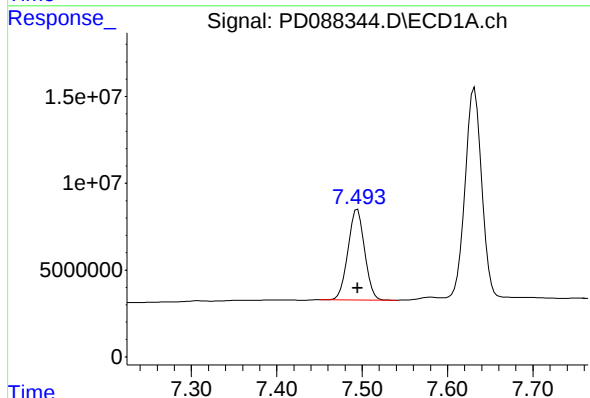
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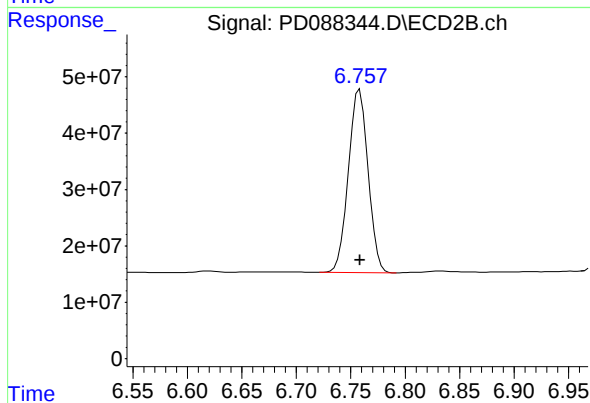
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 813291342
Conc: 47.47 ng/ml



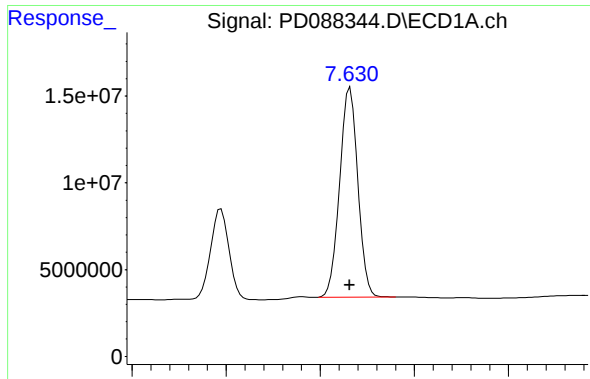
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 70787967
Conc: 47.21 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 409455344
Conc: 44.89 ng/ml



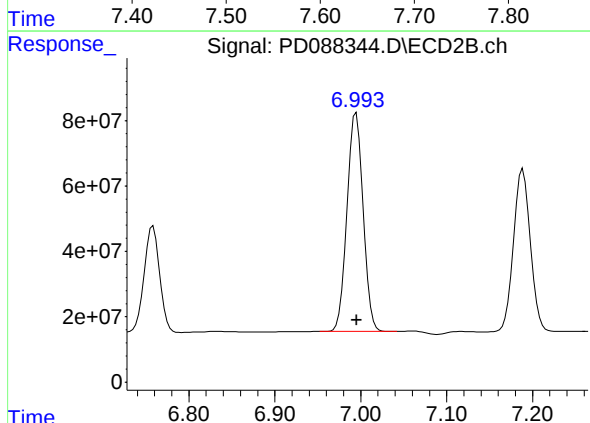
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 162416598
Conc: 52.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

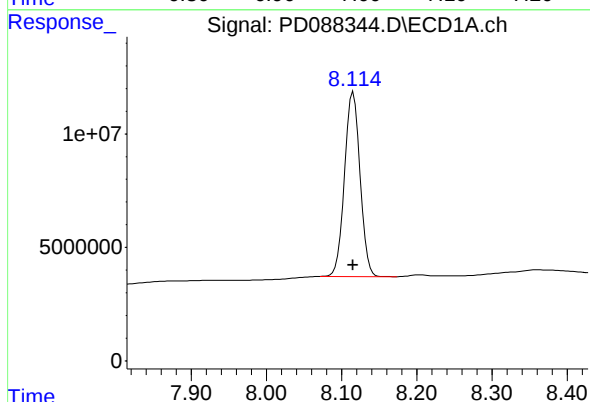
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



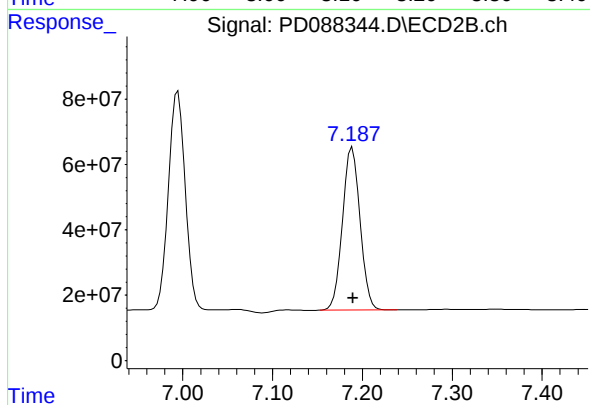
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 867952424
Conc: 46.40 ng/ml



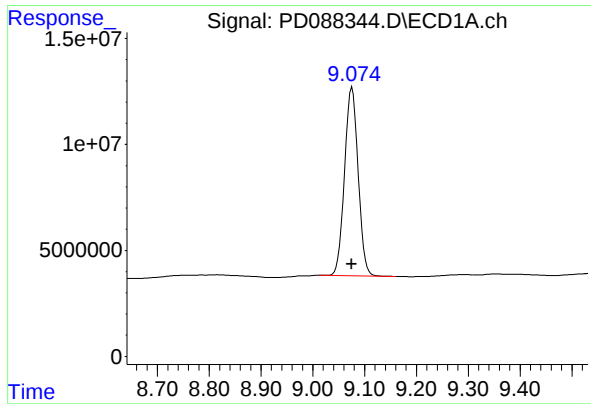
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 116765188
Conc: 49.72 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 675165540
Conc: 45.55 ng/ml



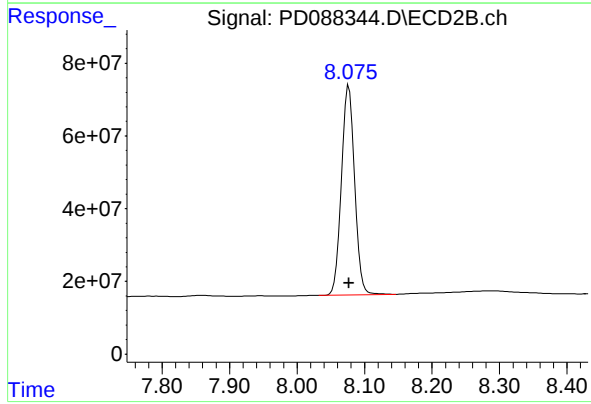
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 161792597
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 786830026
Conc: 42.58 ng/ml