

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
 Data File : PD088257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 21:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 02:10:14 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.552	2.884	112.9E6	756.3E6	56.544	51.726
28)	SA Decachlor...	9.074	8.076	161.6E6	807.3E6	48.846	43.687
Target Compounds							
2)	A alpha-BHC	4.001	3.396	254.9E6	1187.9E6	59.111	51.962
3)	MA gamma-BHC...	4.332	3.733	238.3E6	1080.9E6	56.909	50.186
4)	MA Heptachlor	4.931	4.086	206.5E6	981.0E6	51.134	45.843
5)	MB Aldrin	5.273	4.373	231.5E6	1085.7E6	58.610	52.190
6)	B beta-BHC	4.516	4.028	92091915	472.5E6	56.728	51.057
7)	B delta-BHC	4.765	4.265	239.2E6	1093.6E6	57.988	51.434
8)	B Heptachlo...	5.692	4.876	203.5E6	963.3E6	56.934	50.986
9)	A Endosulfan I	6.076	5.250	194.0E6	873.7E6	57.445	48.505
10)	B gamma-Chl...	5.945	5.129	209.2E6	1045.5E6	57.771m	51.514
11)	B alpha-Chl...	6.028	5.194	207.8E6	996.0E6	57.563	50.810
12)	B 4,4'-DDE	6.195	5.377	186.2E6	1001.6E6	56.460m	50.859m
13)	MA Dieldrin	6.348	5.516	207.3E6	1018.4E6	58.096	51.089
14)	MA Endrin	6.575	5.792	159.7E6	896.4E6	53.543	49.247
15)	B Endosulfa...	6.786	6.083	171.0E6	877.5E6	54.685	50.079
16)	A 4,4'-DDD	6.706	5.932	148.7E6	866.4E6	59.128	52.872
17)	MA 4,4'-DDT	7.022	6.187	120.4E6	695.0E6	43.359	40.845
18)	B Endrin al...	6.916	6.261	121.8E6	634.6E6	52.761	47.712
19)	B Endosulfa...	7.150	6.485	155.9E6	833.0E6	54.207	48.622
20)	A Methoxychlor	7.494	6.757	61744837	364.9E6	41.176	40.003
21)	B Endrin ke...	7.629	6.994	163.7E6	889.0E6	53.034m	47.529
22)	Mirex	8.114	7.189	121.1E6	699.6E6	51.562	47.206

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
Data File : PD088257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 21:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

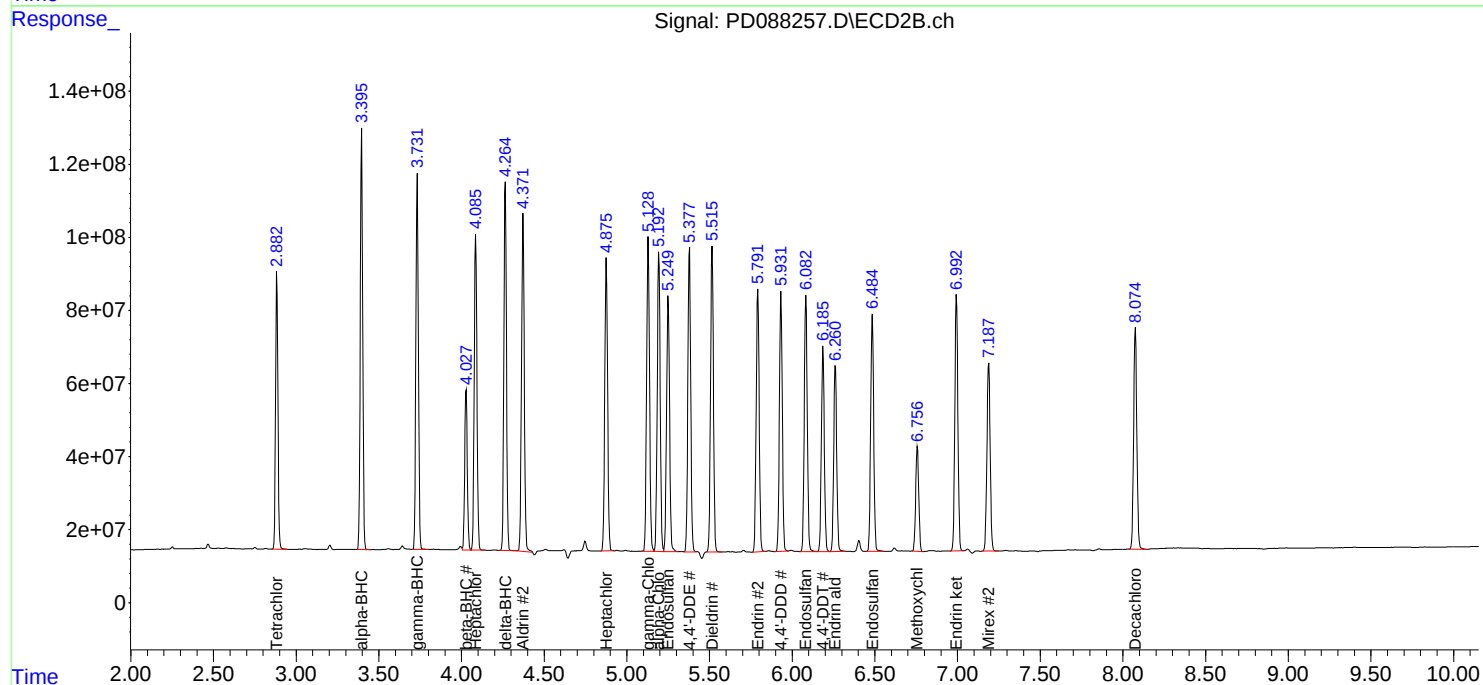
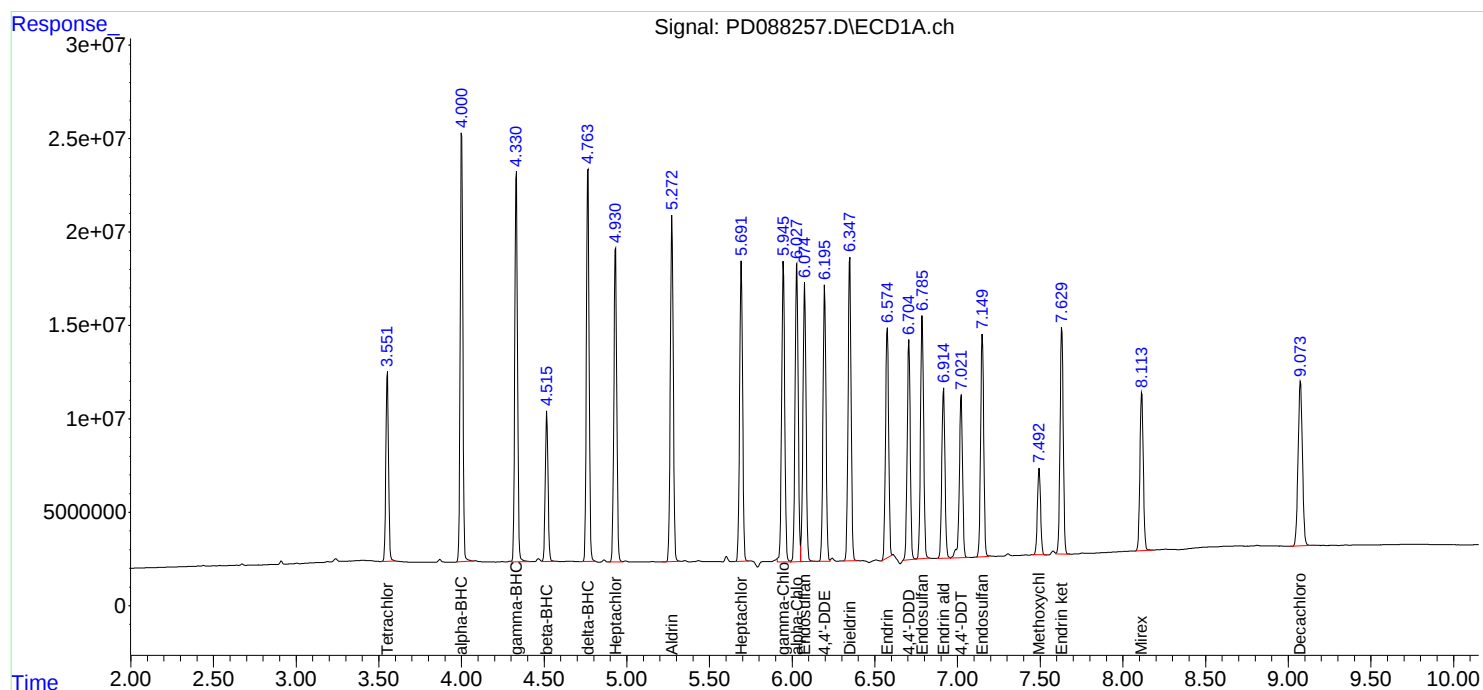
APPROVED

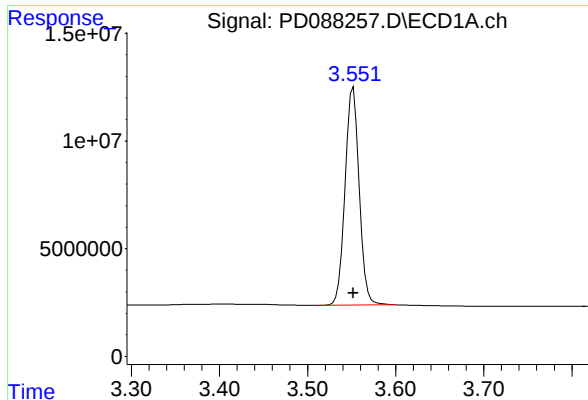
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 02:10:14 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
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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





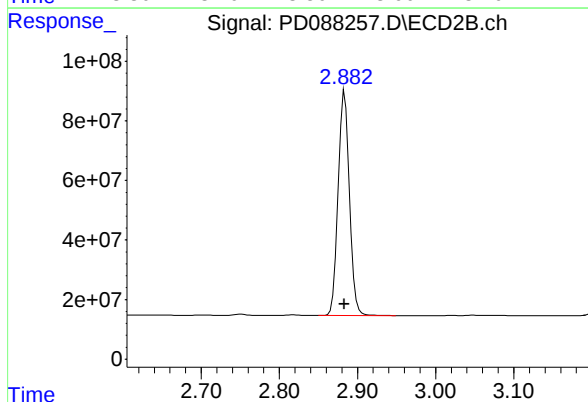
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 112939886
Conc: 56.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

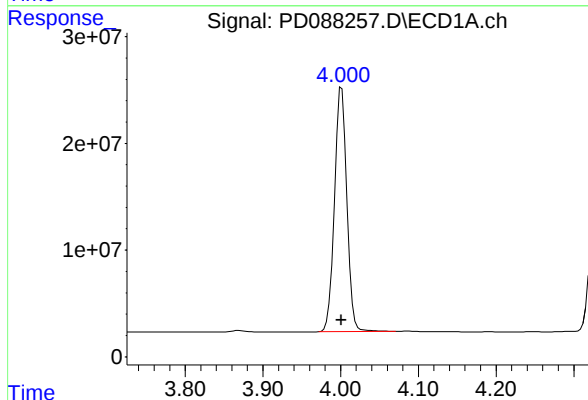
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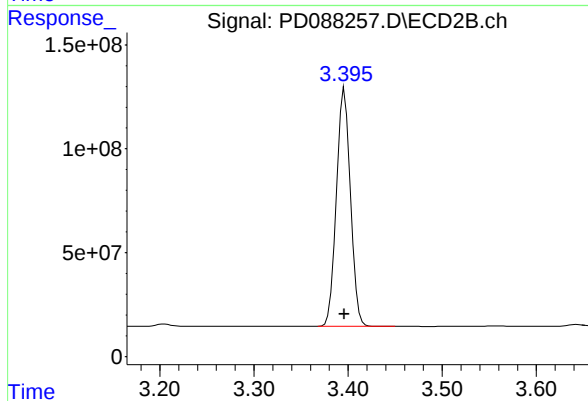
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 756311026
Conc: 51.73 ng/ml



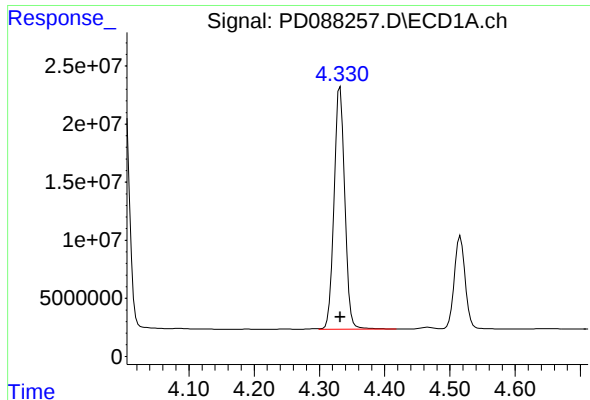
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 254886224
Conc: 59.11 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1187931118
Conc: 51.96 ng/ml



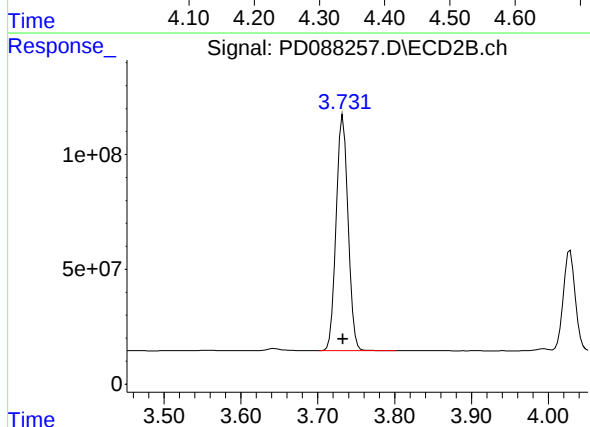
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 238305670
Conc: 56.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

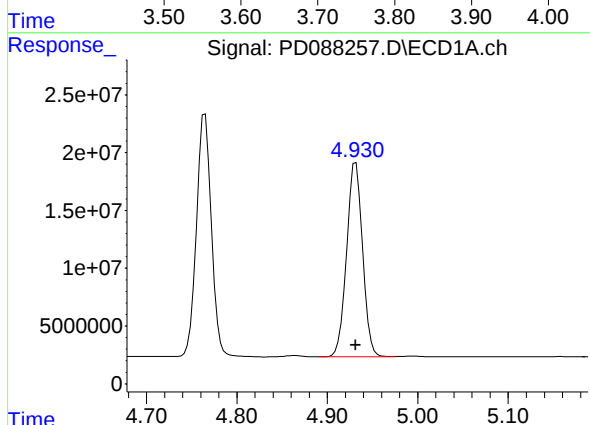
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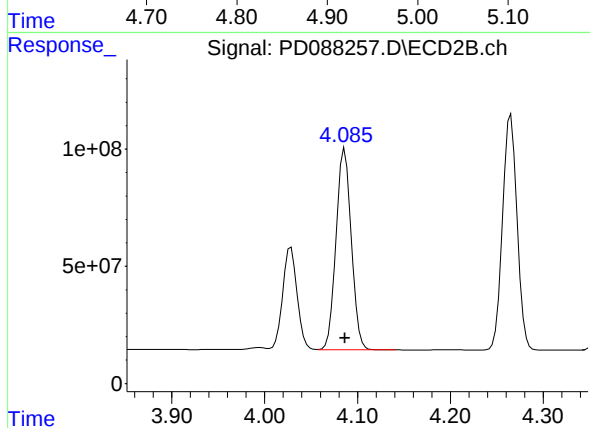
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1080930615
Conc: 50.19 ng/ml



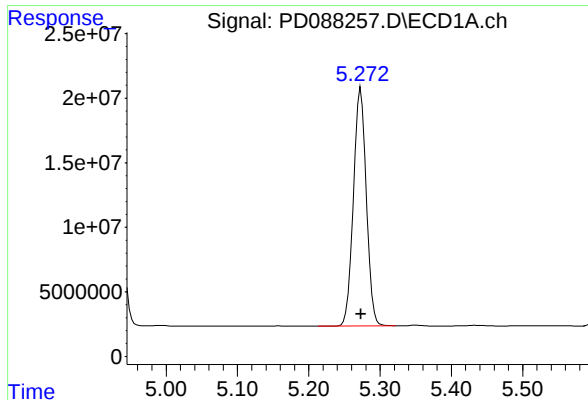
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 206528877
Conc: 51.13 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 980959008
Conc: 45.84 ng/ml



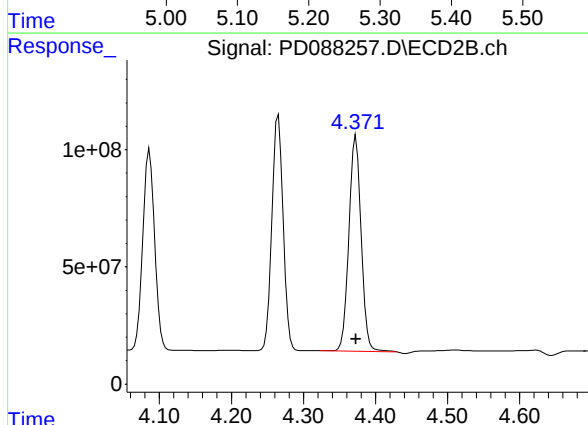
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 231484031
Conc: 58.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

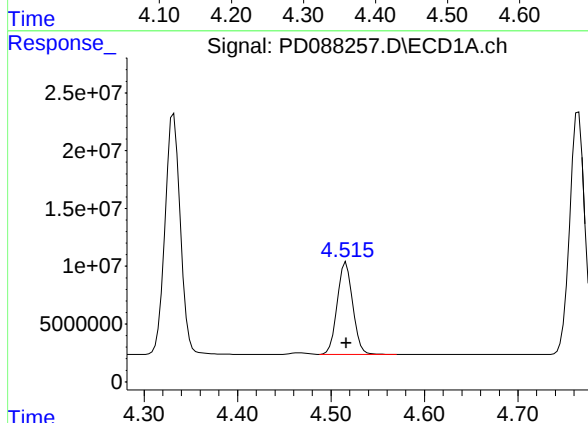
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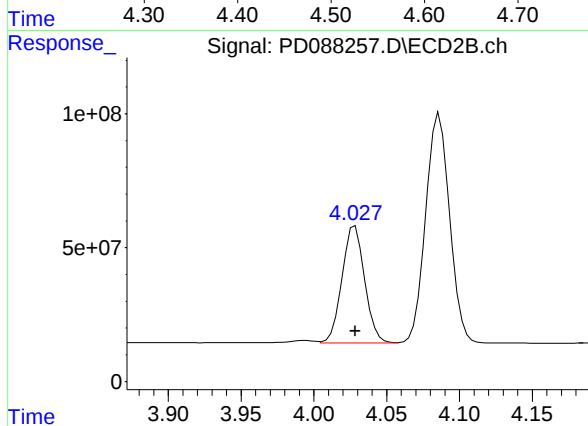
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 1085703576
Conc: 52.19 ng/ml



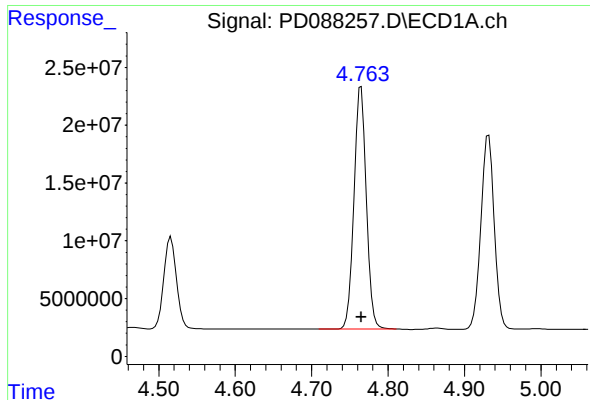
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 92091915
Conc: 56.73 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 472485623
Conc: 51.06 ng/ml



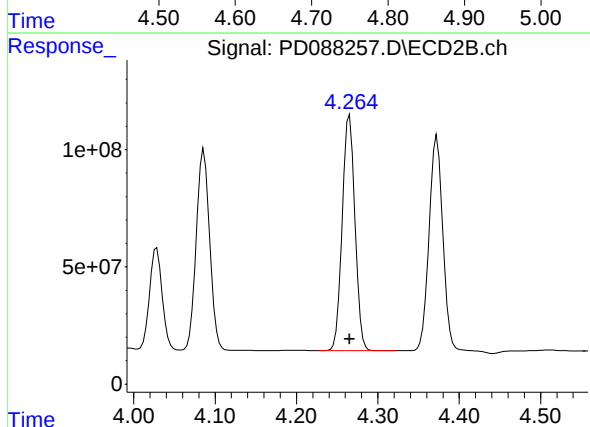
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 239197965
Conc: 57.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

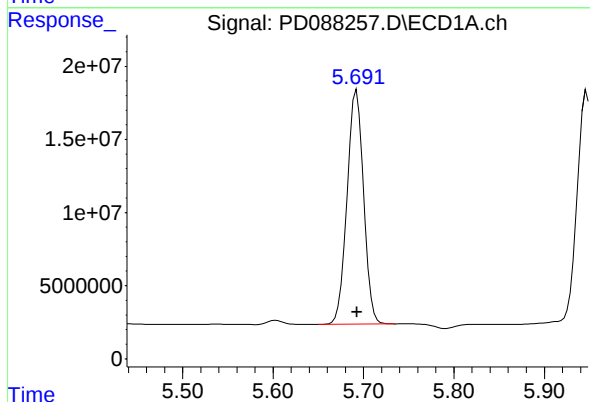
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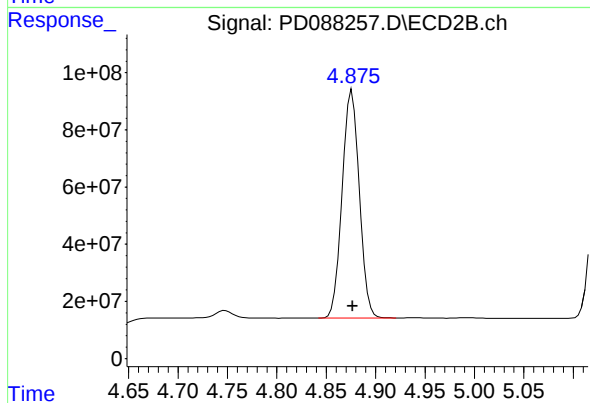
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1093558797
Conc: 51.43 ng/ml



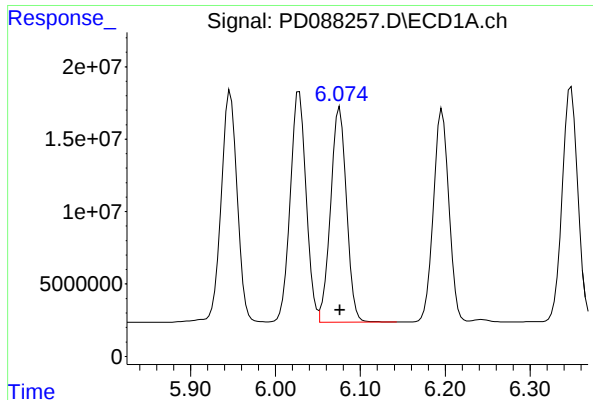
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 203477766
Conc: 56.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 963339299
Conc: 50.99 ng/ml



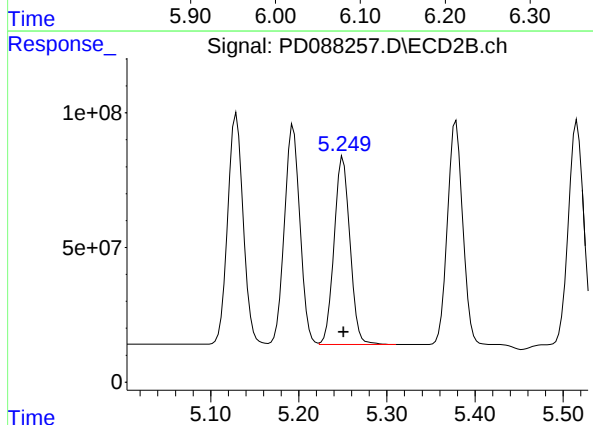
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 19400073
Conc: 57.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

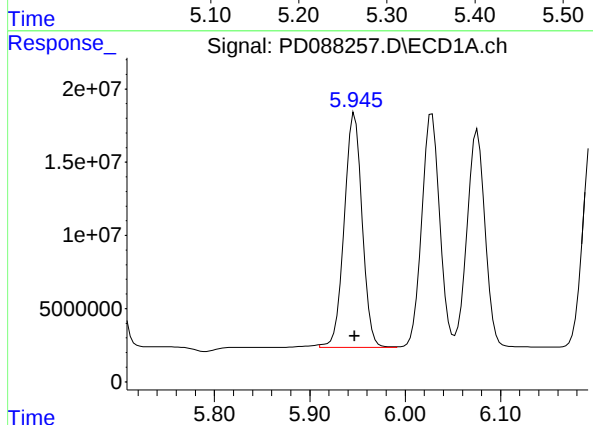
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Supervised By :mohammad ahmed 04/26/2025



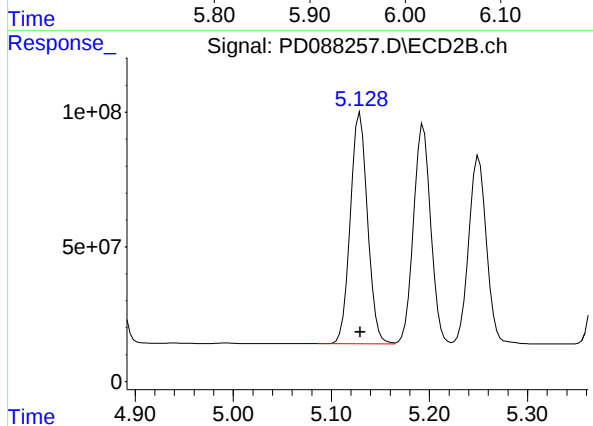
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 873687906
Conc: 48.50 ng/ml



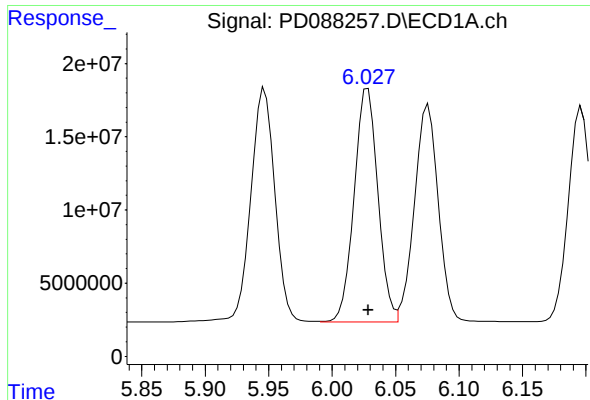
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 209249142
Conc: 57.77 ng/ml m



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1045532341
Conc: 51.51 ng/ml



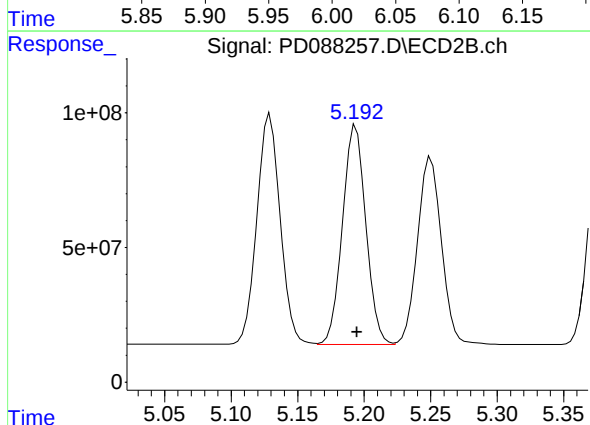
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 207778184
Conc: 57.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

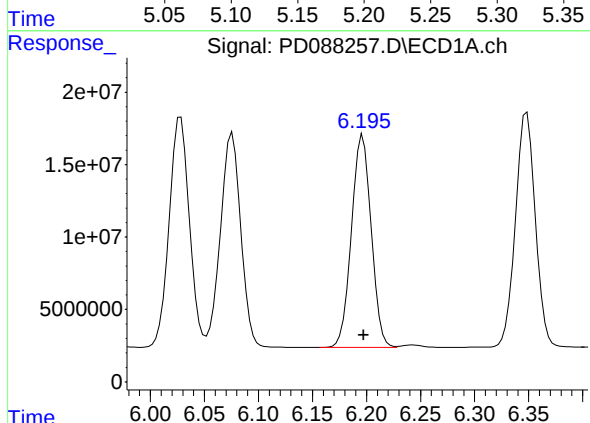
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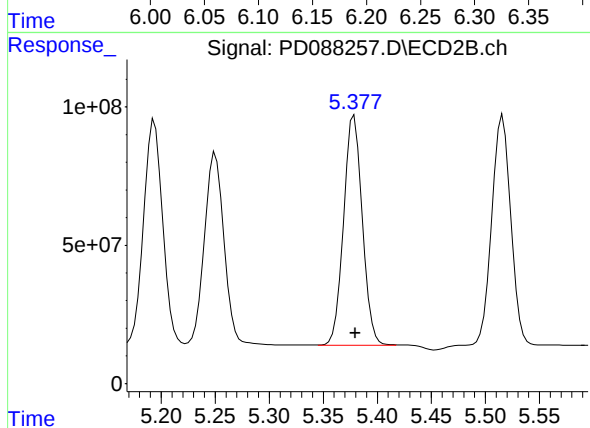
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 996015781
Conc: 50.81 ng/ml



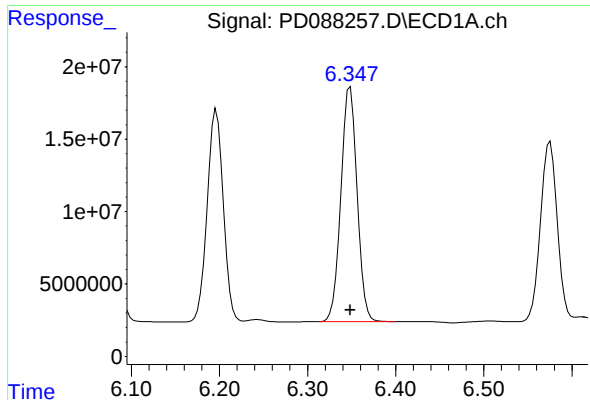
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 186217814
Conc: 56.46 ng/ml m



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 1001613375
Conc: 50.86 ng/ml m



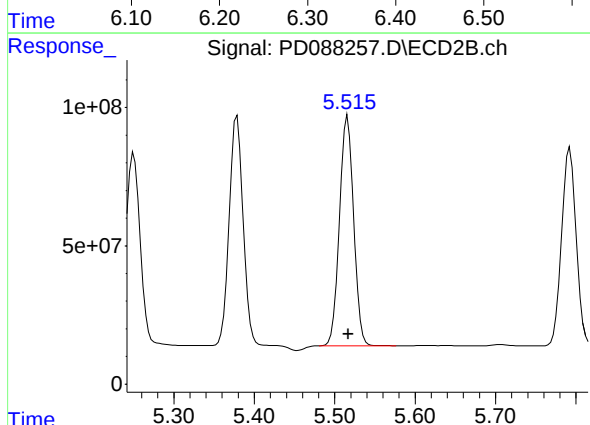
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 207316859
Conc: 58.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

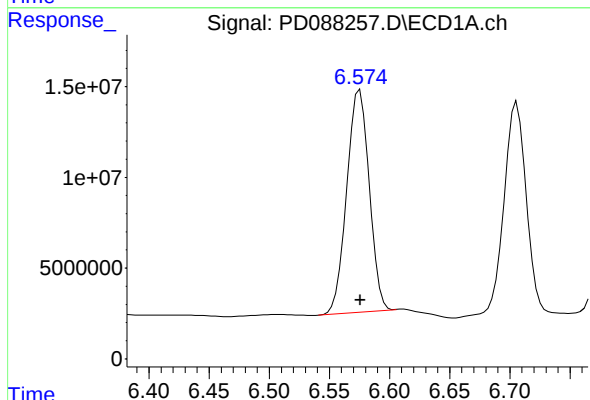
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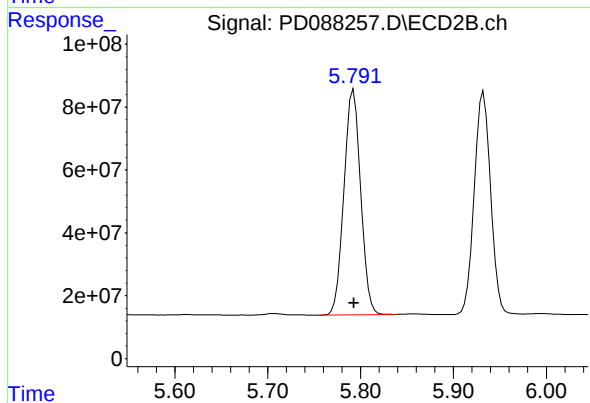
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1018359457
Conc: 51.09 ng/ml



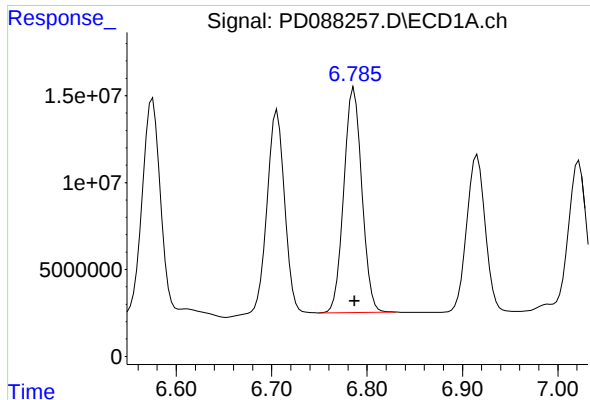
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 159696124
Conc: 53.54 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 896403493
Conc: 49.25 ng/ml



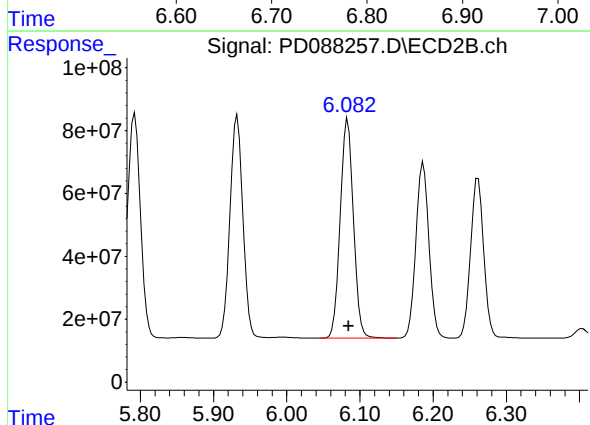
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 170957352
Conc: 54.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

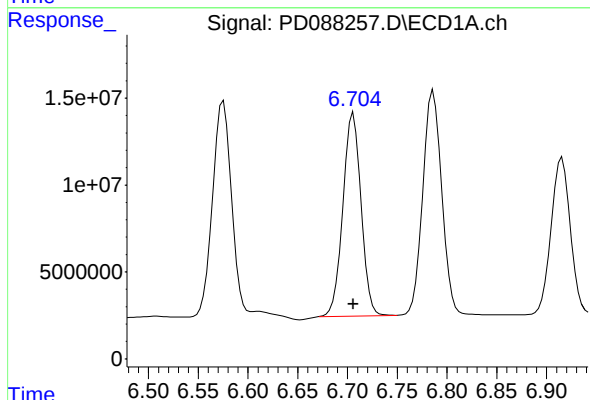
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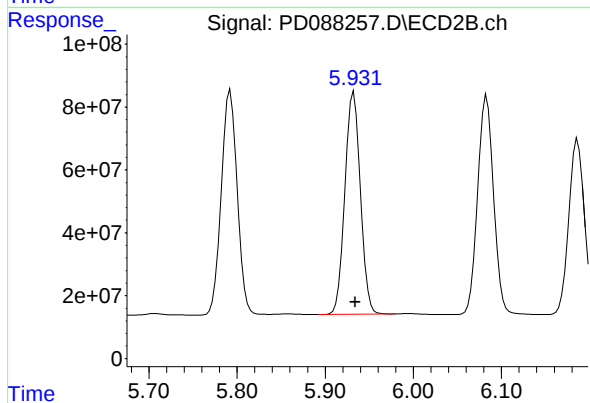
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 877464417
Conc: 50.08 ng/ml



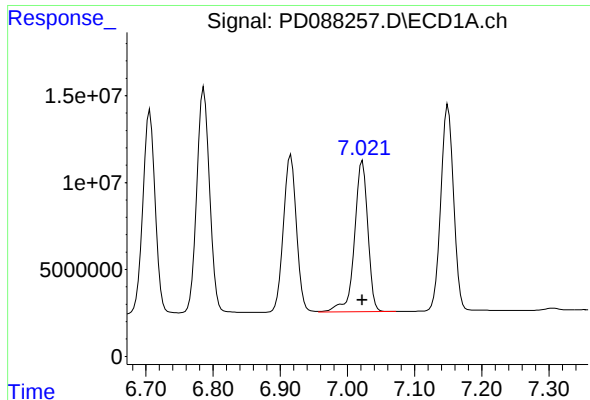
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 148704384
Conc: 59.13 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 866366334
Conc: 52.87 ng/ml



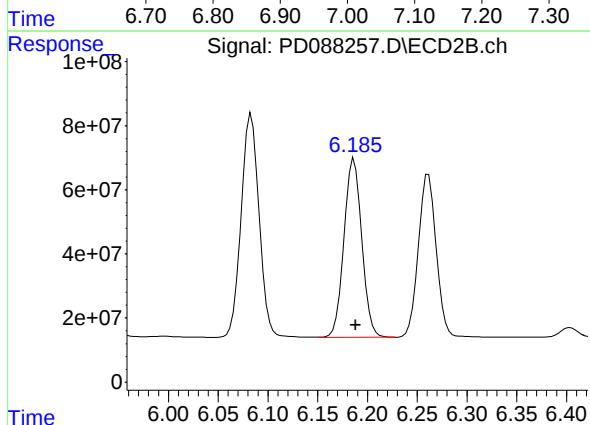
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 120431244
Conc: 43.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

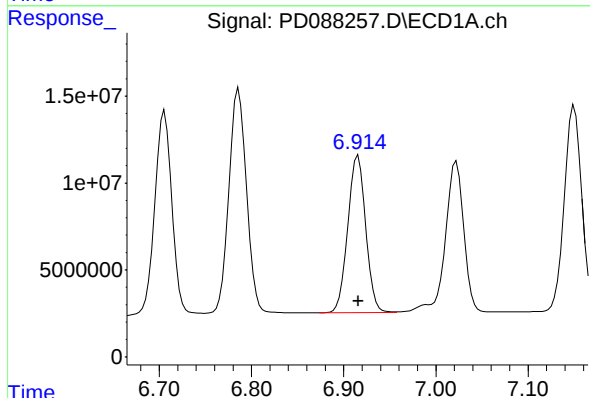
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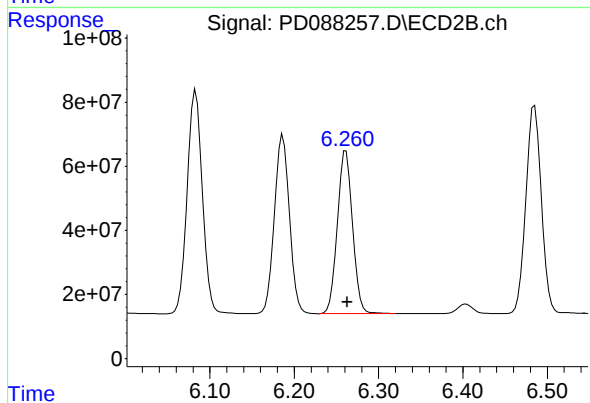
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 695041807
Conc: 40.85 ng/ml



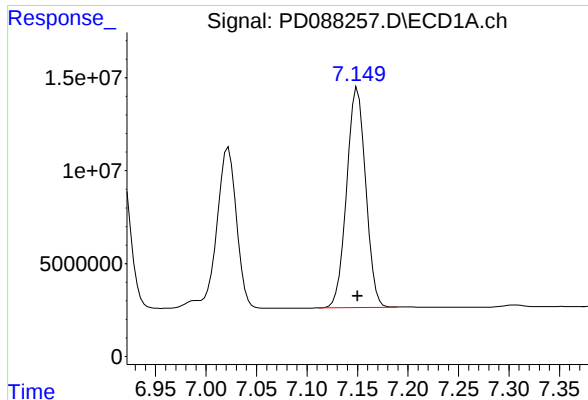
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 121772319
Conc: 52.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 634616521
Conc: 47.71 ng/ml



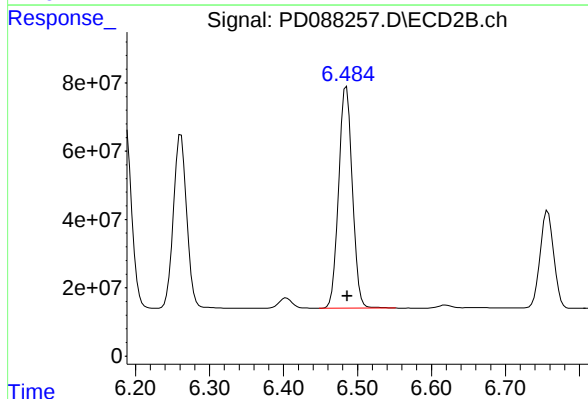
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 155890540
Conc: 54.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

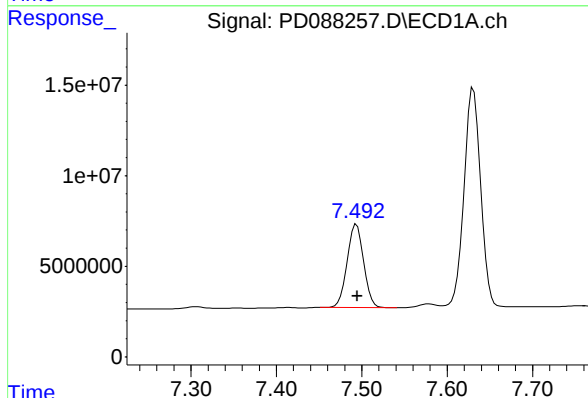
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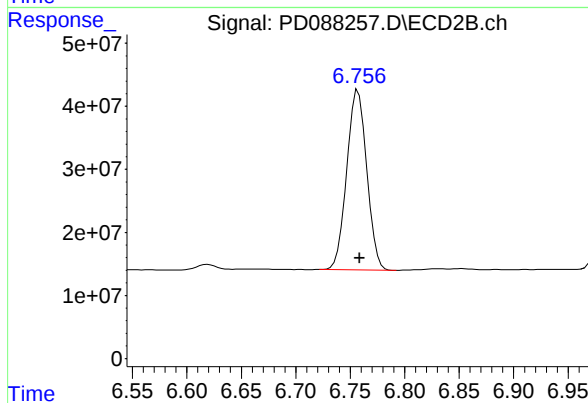
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 833046484
Conc: 48.62 ng/ml



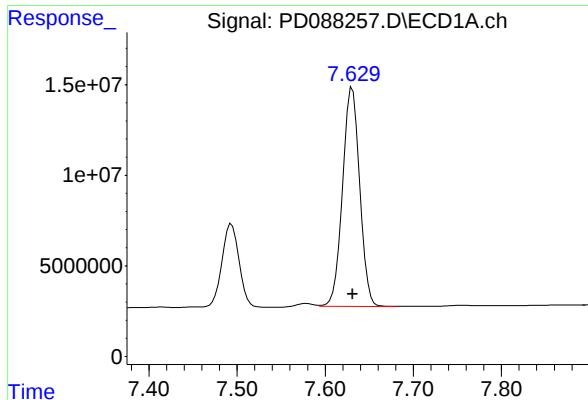
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 61744837
Conc: 41.18 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 364869168
Conc: 40.00 ng/ml



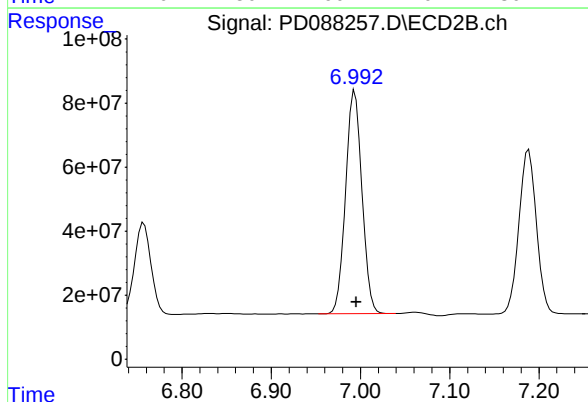
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 163692772
Conc: 53.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

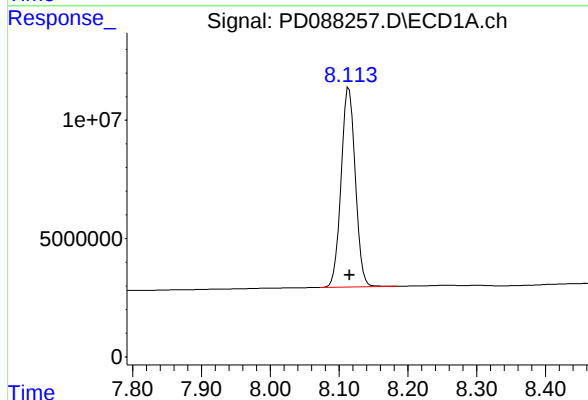
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



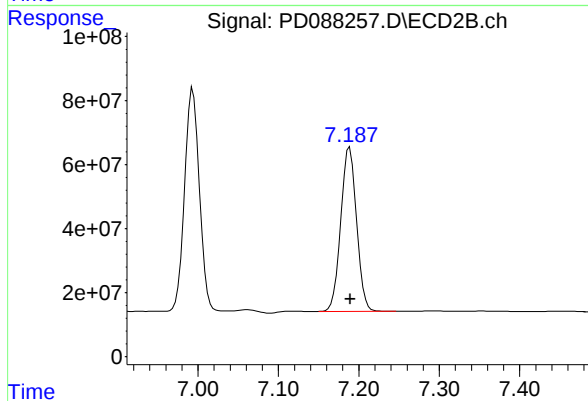
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 888974751
Conc: 47.53 ng/ml



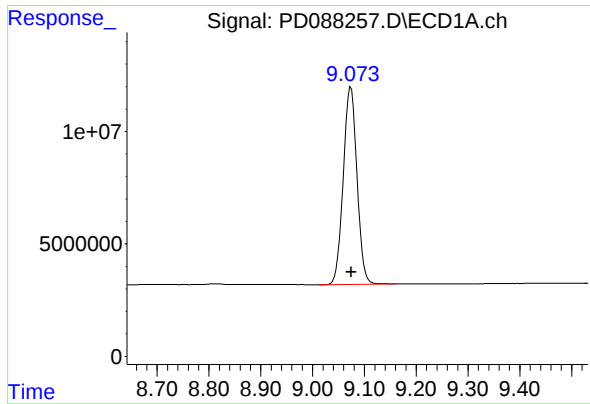
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 121084478
Conc: 51.56 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: -0.001 min
Response: 699638658
Conc: 47.21 ng/ml



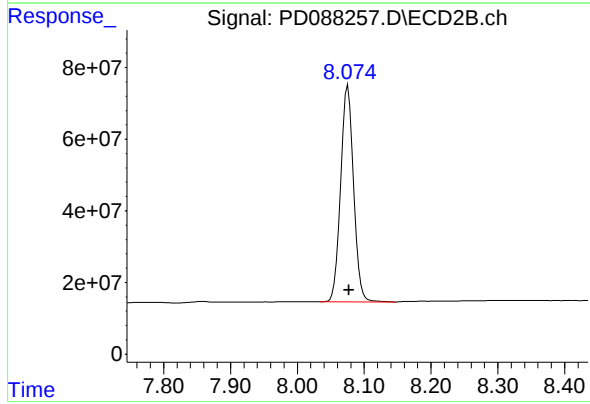
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 161588036
Conc: 48.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 807326659
Conc: 43.69 ng/ml