

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 17:25
 Operator : AR\AJ
 Sample : PB168075BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB168075BS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:35:08 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...	3.551	2.882	50776425	380.9E6	23.467	25.183
28)	SA Decachlor...	9.076	8.075	84352016	433.6E6	24.648	23.753
Target Compounds							
2)	A alpha-BHC	4.000	3.394	267.9E6	1330.0E6	56.082	55.639
3)	MA gamma-BHC...	4.331	3.731	258.7E6	1233.5E6	56.212	55.650
4)	MA Heptachlor	4.931	4.085	247.2E6	1187.2E6	55.288	52.872
5)	MB Aldrin	5.273	4.370	249.8E6	1236.1E6	56.838	56.364
6)	B beta-BHC	4.516	4.027	98239932	536.3E6	54.482	55.046
7)	B delta-BHC	4.765	4.264	239.4E6	1174.2E6	56.647	52.671
8)	B Heptachlo...	5.692	4.875	223.8E6	1095.4E6	56.374	55.124
9)	A Endosulfan I	6.076	5.249	211.4E6	1000.0E6	56.171	52.689
10)	B gamma-Chl...	5.947	5.128	225.3E6	1181.7E6	56.487	55.396
11)	B alpha-Chl...	6.029	5.192	224.9E6	1129.5E6	56.131	54.765
12)	B 4,4'-DDE	6.198	5.376	202.2E6	1142.2E6	56.337	54.642m
13)	MA Dieldrin	6.349	5.515	226.5E6	1155.3E6	56.450	54.898
14)	MA Endrin	6.576	5.791	189.2E6	1045.1E6	55.406	54.195
15)	B Endosulfa...	6.788	6.082	189.9E6	988.8E6	55.160	53.967
16)	A 4,4'-DDD	6.707	5.931	168.0E6	1000.5E6	60.316	57.528
17)	MA 4,4'-DDT	7.023	6.185	140.9E6	839.0E6	45.145	46.259
18)	B Endrin al...	6.917	6.260	135.7E6	718.4E6	52.690	51.576
19)	B Endosulfa...	7.151	6.484	172.6E6	923.4E6	53.886	52.004
20)	A Methoxychlor	7.495	6.756	77614338	447.9E6	46.460	46.780
21)	B Endrin ke...	7.632	6.993	190.7E6	1028.4E6	55.701	53.155
22)	Mirex	8.116	7.187	136.2E6	771.4E6	52.438	50.741

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088660.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 17:25
Operator : AR\AJ
Sample : PB168075BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB168075BS

Manual Integrations

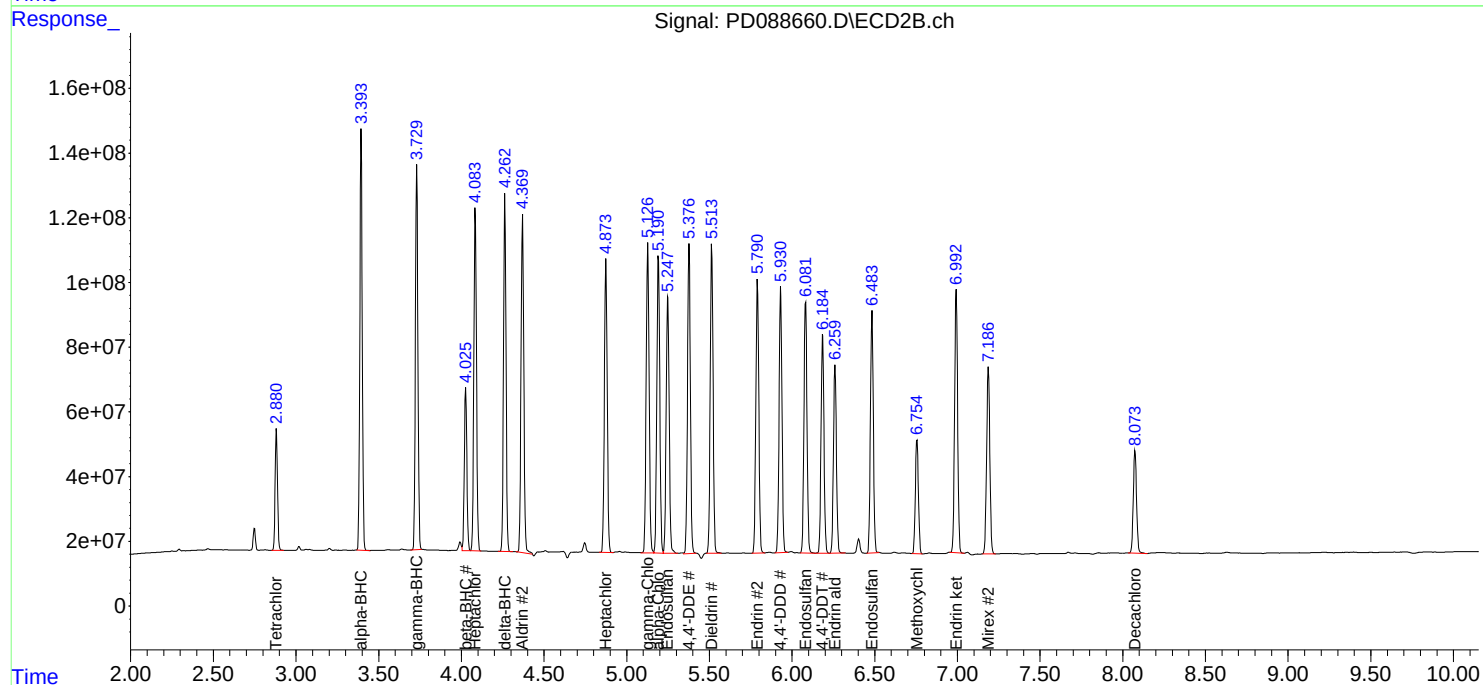
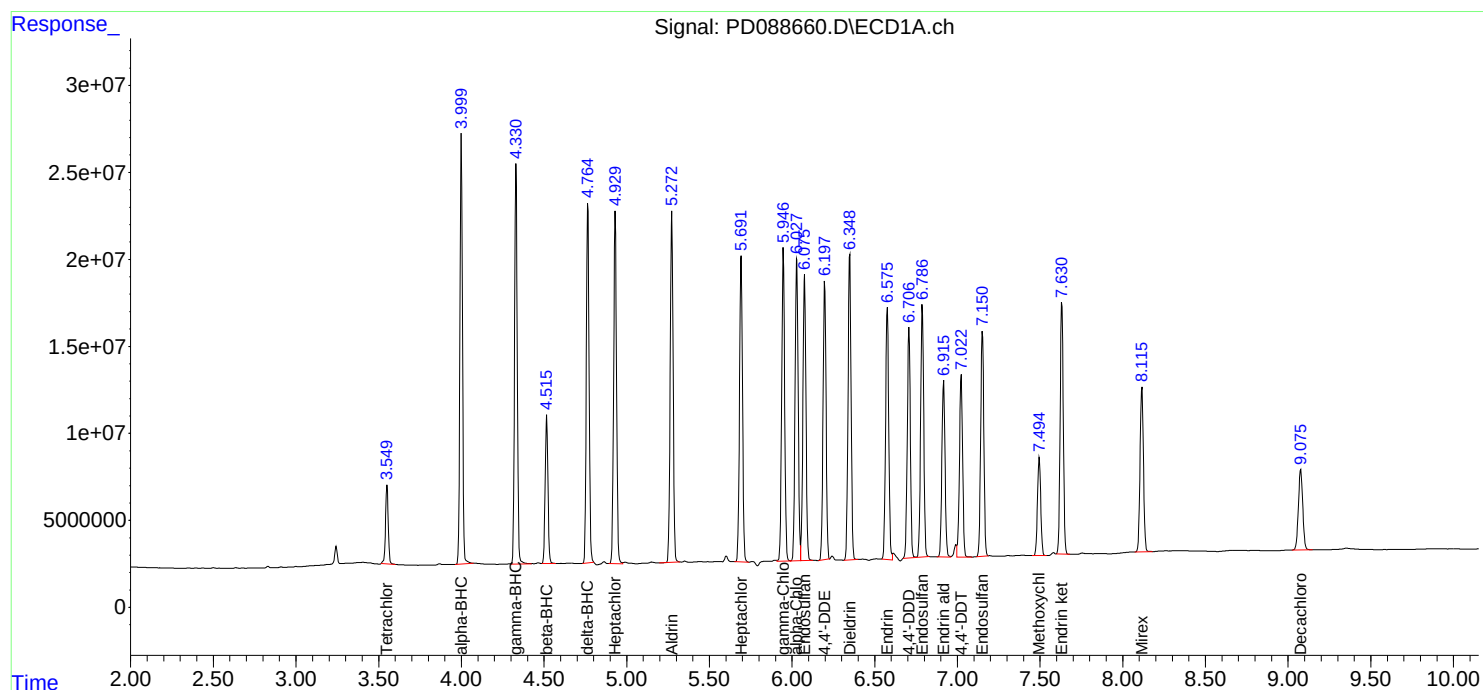
APPROVED

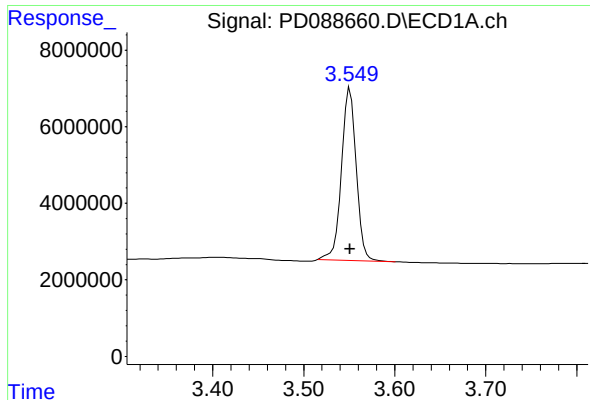
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:35:08 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
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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





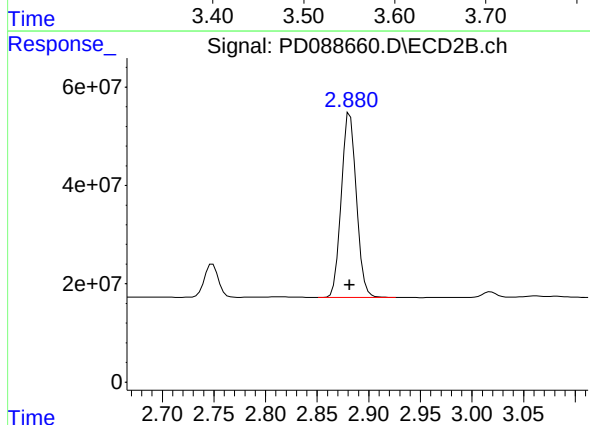
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 50776425
Conc: 23.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

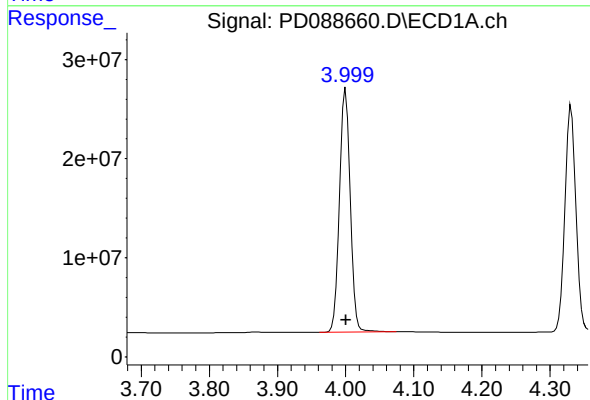
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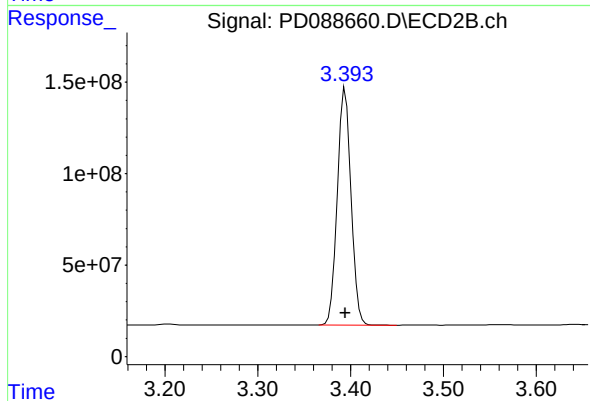
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 380936571
Conc: 25.18 ng/ml



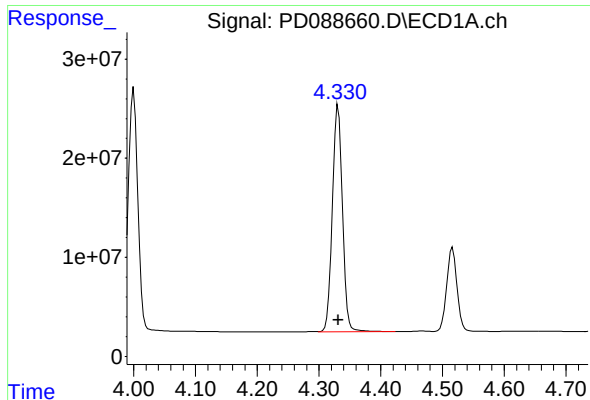
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 267877778
Conc: 56.08 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 1329988344
Conc: 55.64 ng/ml



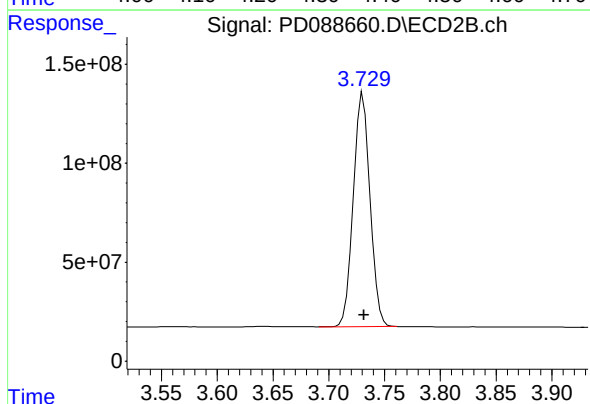
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 258726304
Conc: 56.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

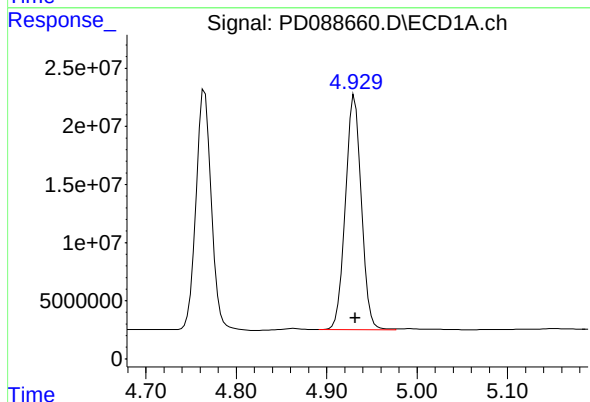
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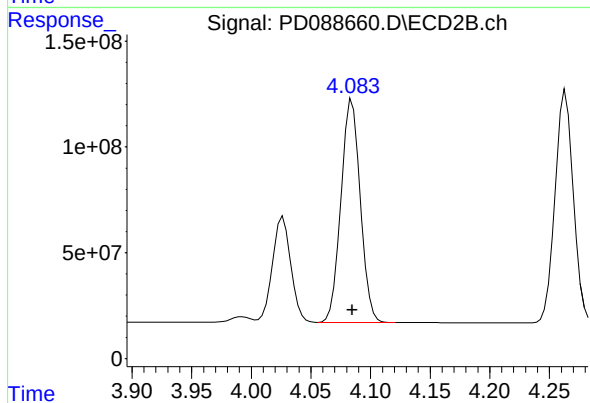
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 1233522615
Conc: 55.65 ng/ml



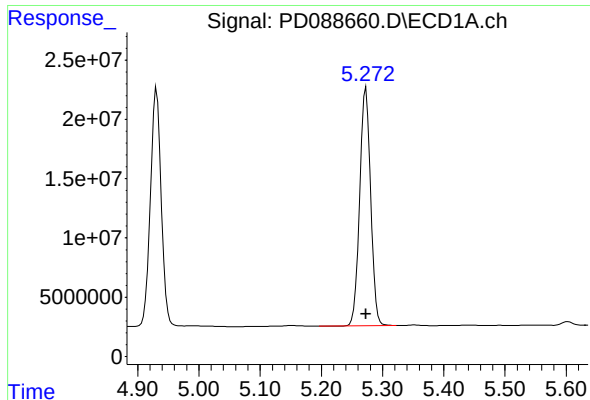
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 247204123
Conc: 55.29 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 1187226418
Conc: 52.87 ng/ml



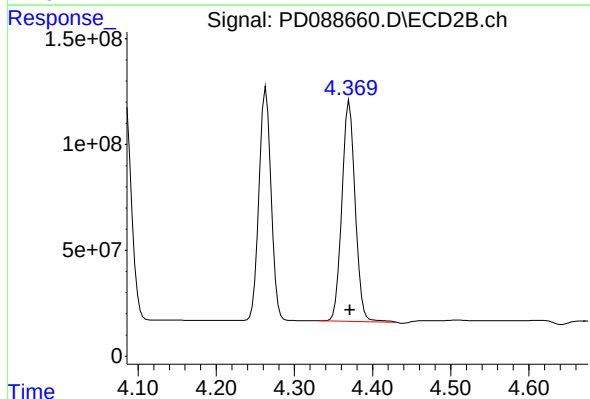
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 249777100
Conc: 56.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

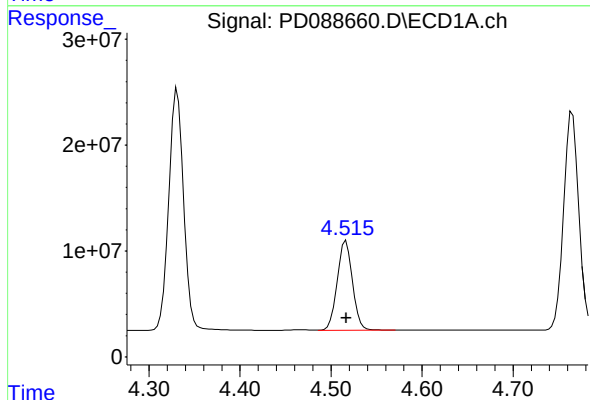
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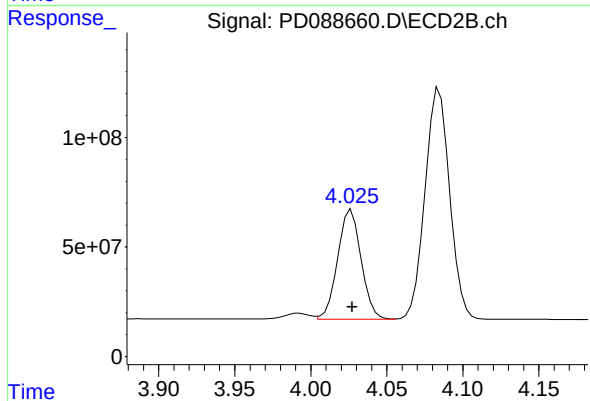
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 1236051506
Conc: 56.36 ng/ml



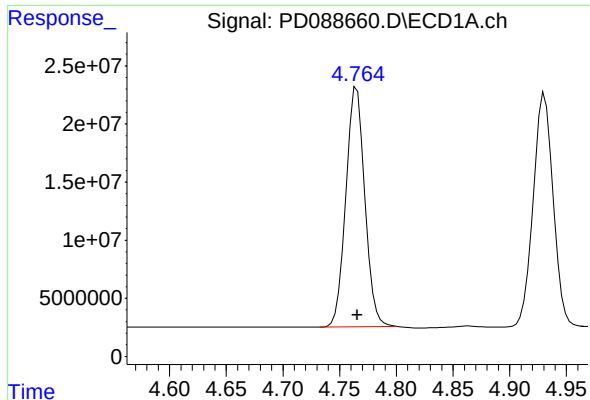
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 98239932
Conc: 54.48 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 536251137
Conc: 55.05 ng/ml



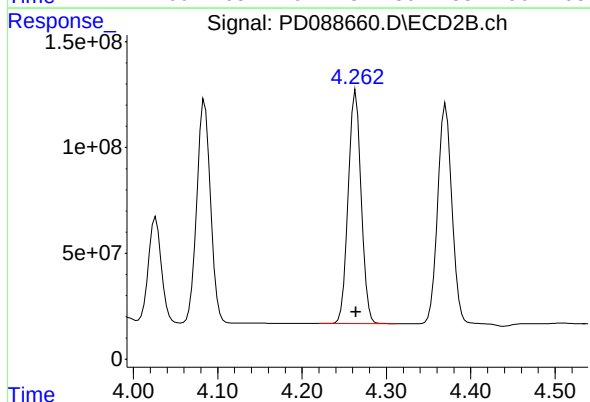
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 239398484
Conc: 56.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

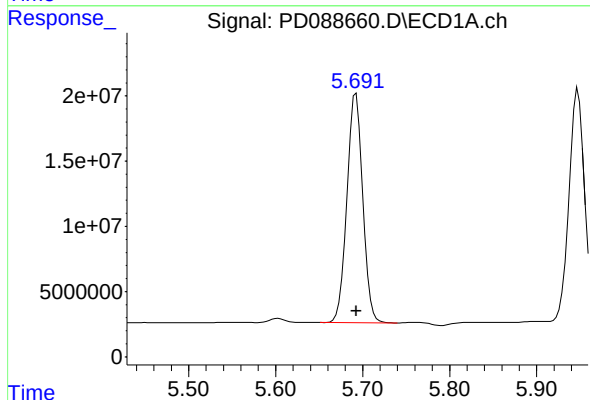
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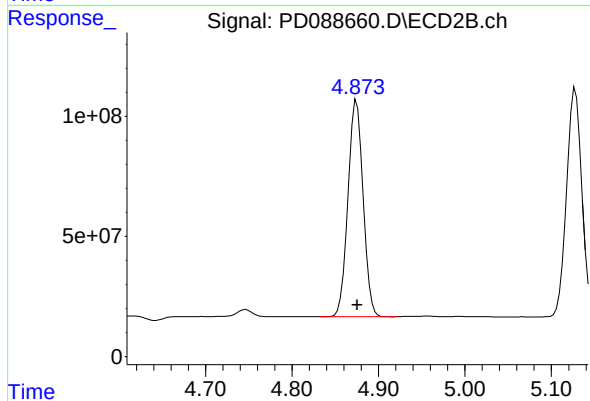
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1174248526
Conc: 52.67 ng/ml



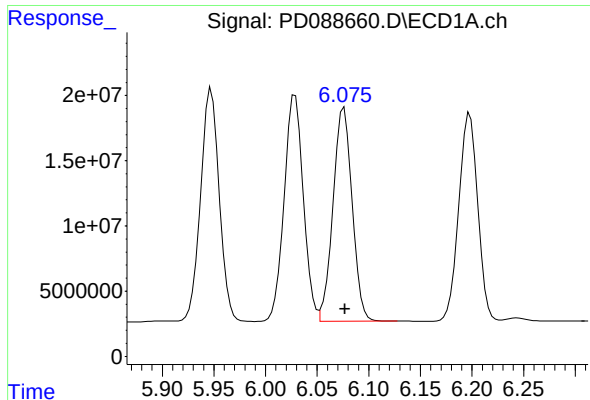
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 223766158
Conc: 56.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 1095381581
Conc: 55.12 ng/ml



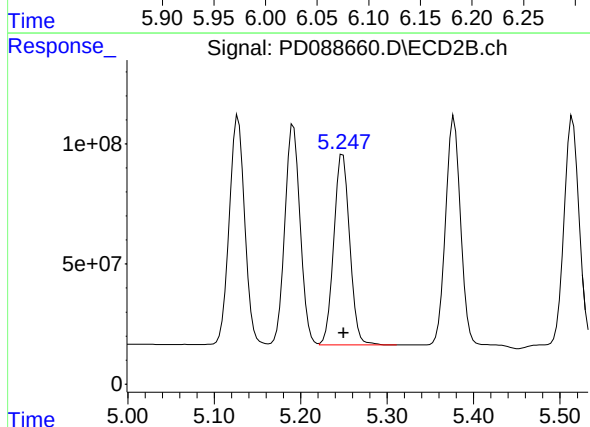
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 211365709
Conc: 56.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

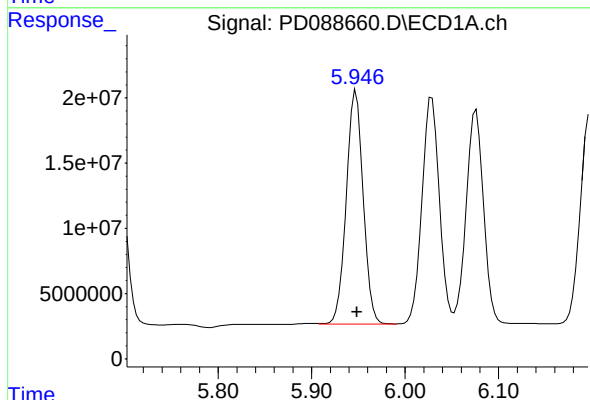
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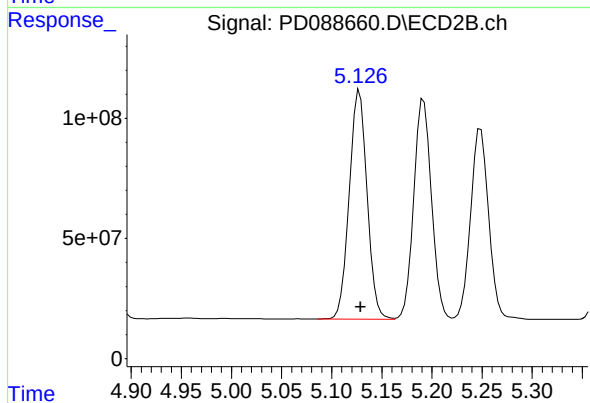
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 999954939
Conc: 52.69 ng/ml



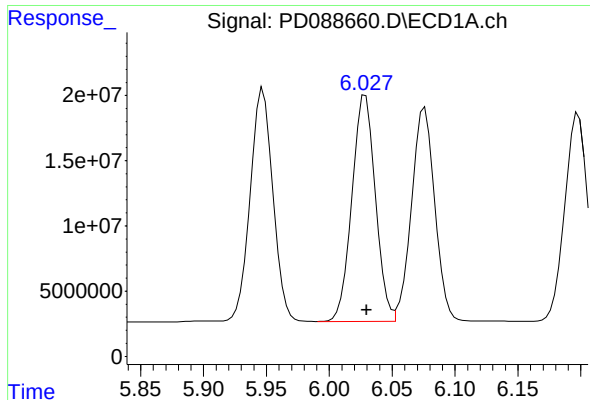
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 225324123
Conc: 56.49 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 1181709162
Conc: 55.40 ng/ml



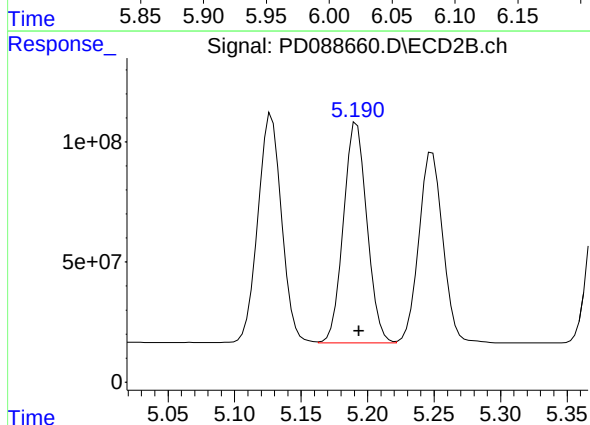
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 224876046
Conc: 56.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

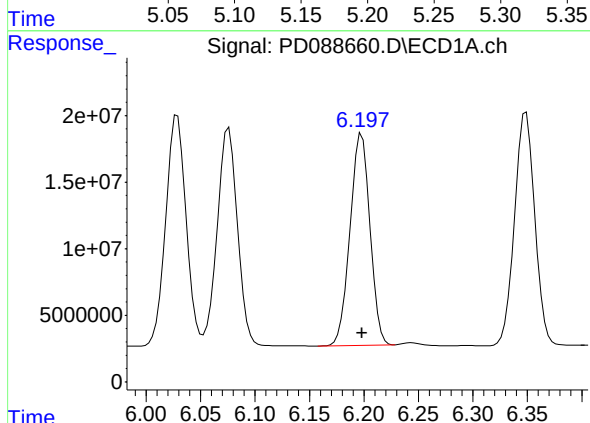
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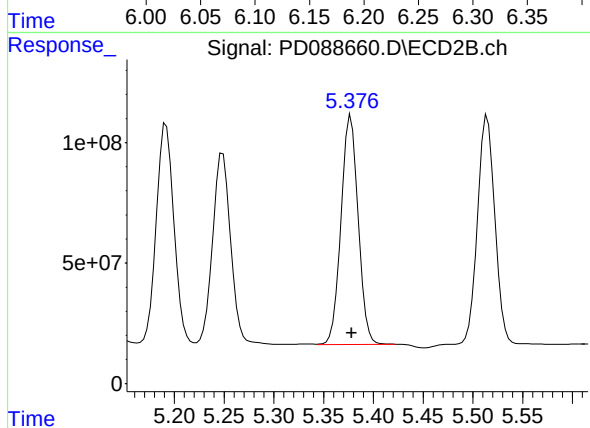
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 1129519210
Conc: 54.77 ng/ml



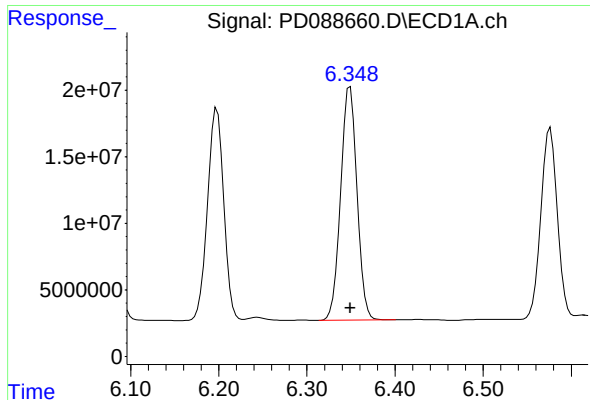
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 202213713
Conc: 56.34 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 1142159291
Conc: 54.64 ng/ml m



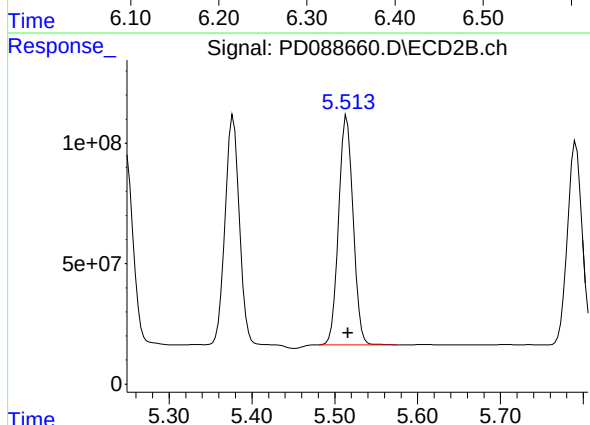
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 226463462
Conc: 56.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

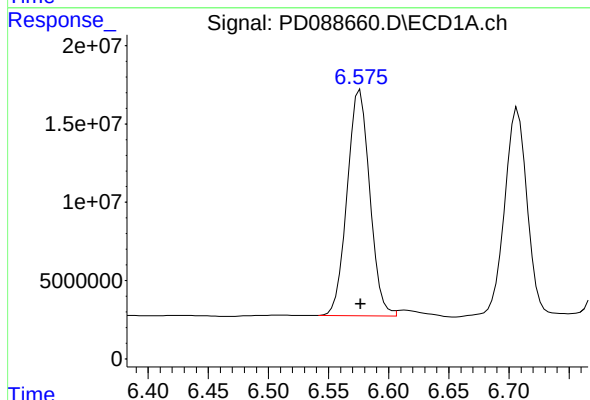
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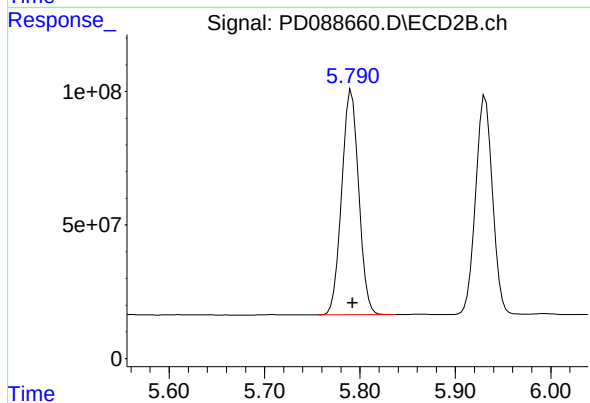
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 1155276333
Conc: 54.90 ng/ml



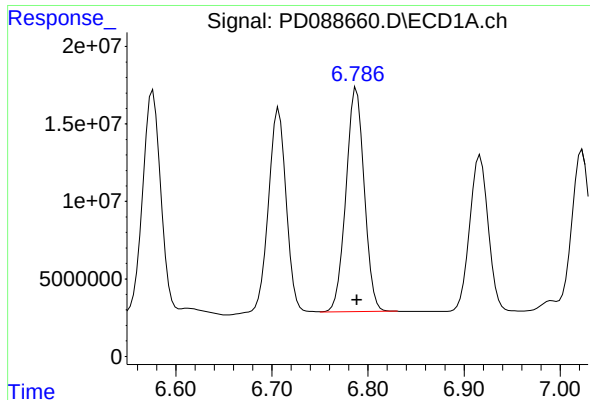
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 189220220
Conc: 55.41 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 1045096472
Conc: 54.19 ng/ml



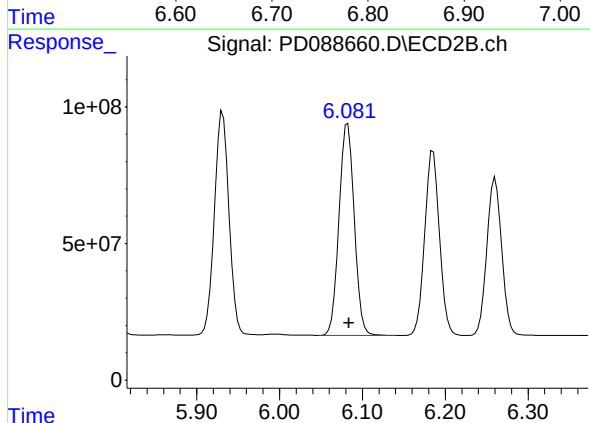
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 189949528
Conc: 55.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

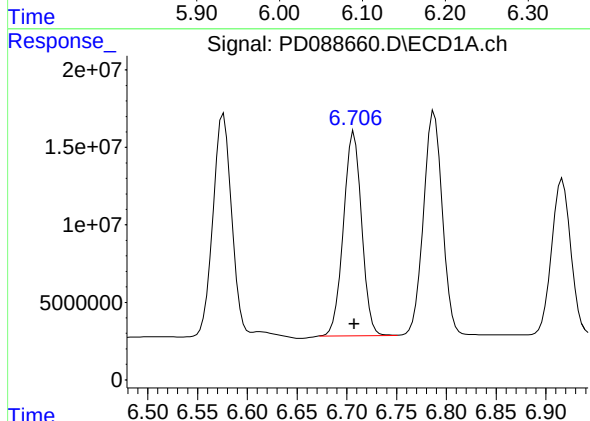
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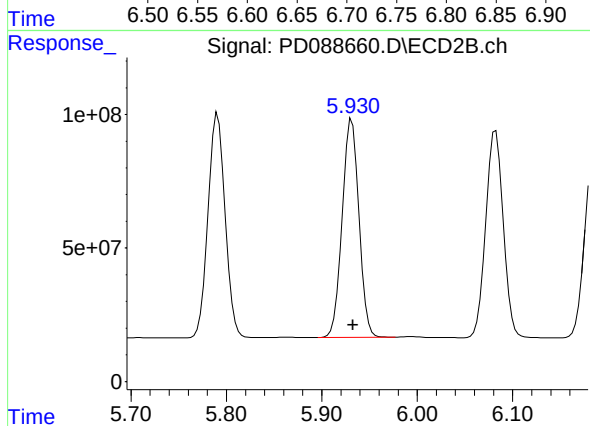
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 988766473
Conc: 53.97 ng/ml



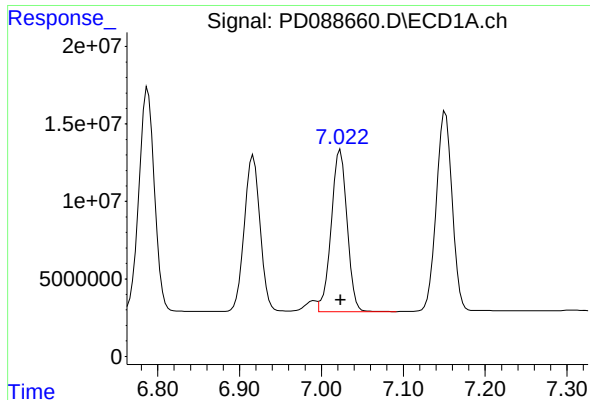
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 167984991
Conc: 60.32 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.001 min
Response: 1000547332
Conc: 57.53 ng/ml



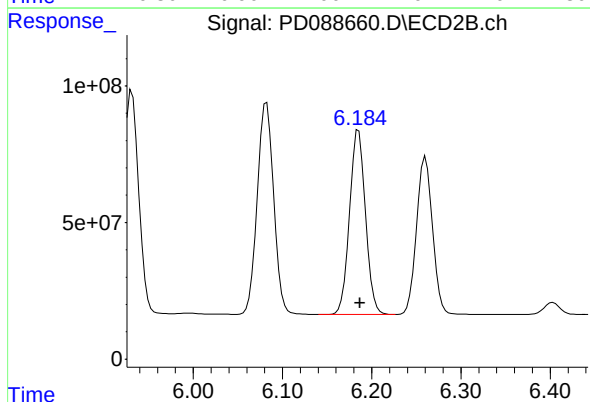
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 140946082
Conc: 45.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

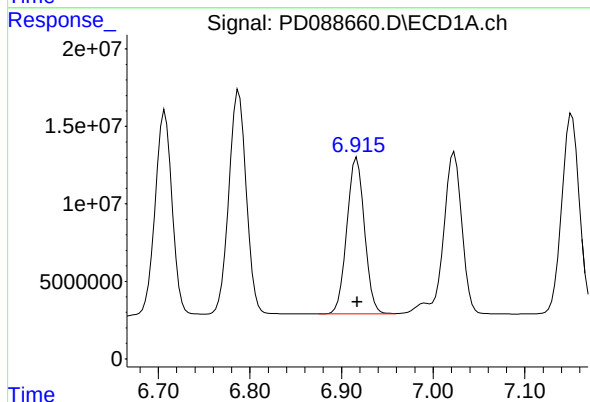
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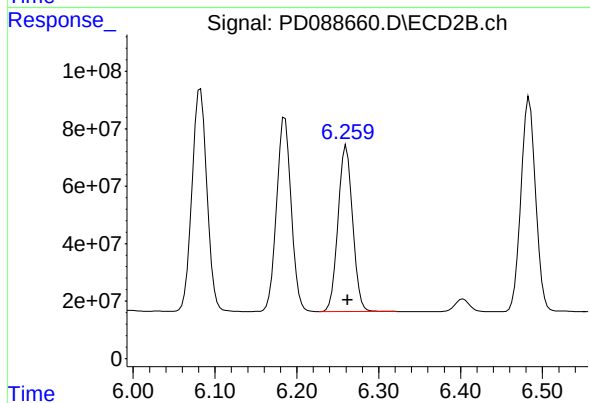
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 839019389
Conc: 46.26 ng/ml



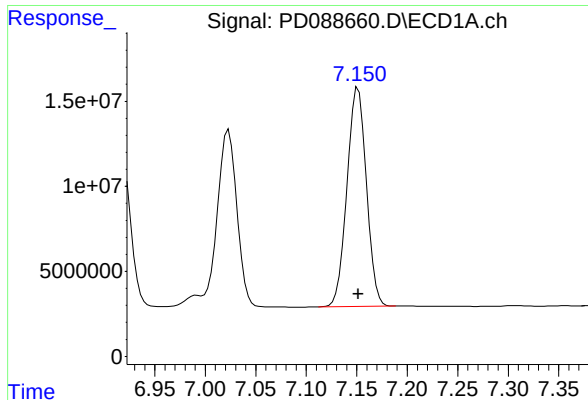
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 135656448
Conc: 52.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 718383154
Conc: 51.58 ng/ml



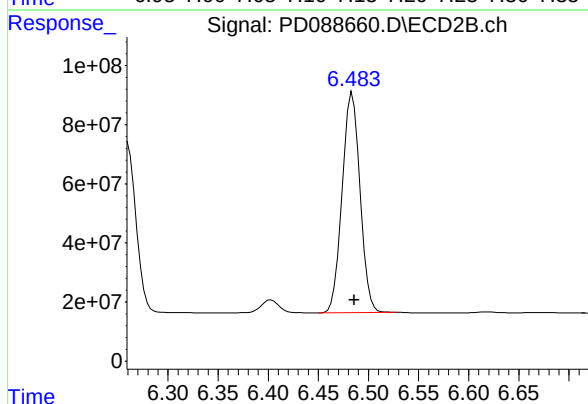
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 172600395
Conc: 53.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

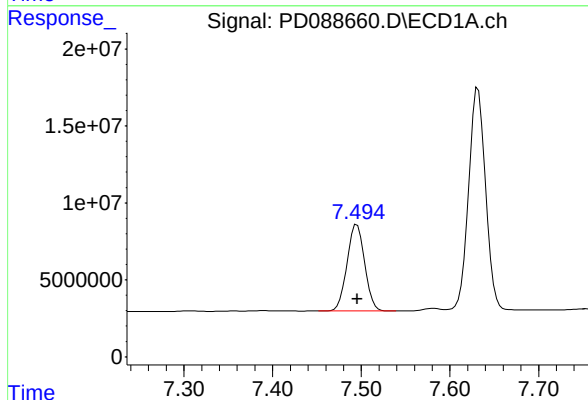
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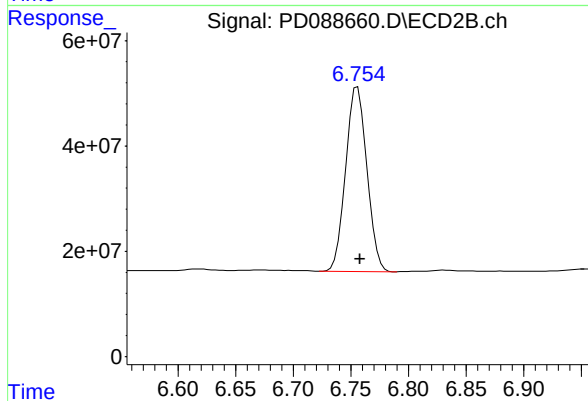
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 923382094
Conc: 52.00 ng/ml



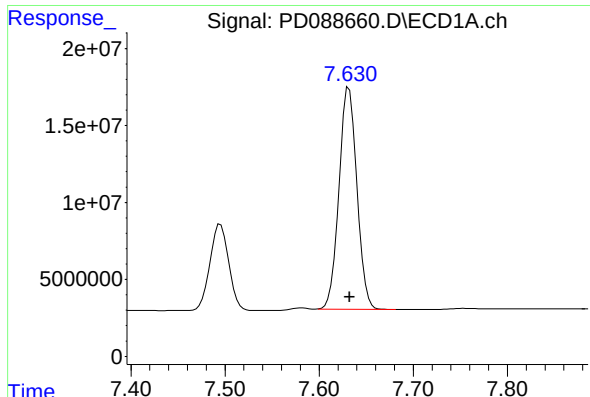
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 77614338
Conc: 46.46 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 447912436
Conc: 46.78 ng/ml



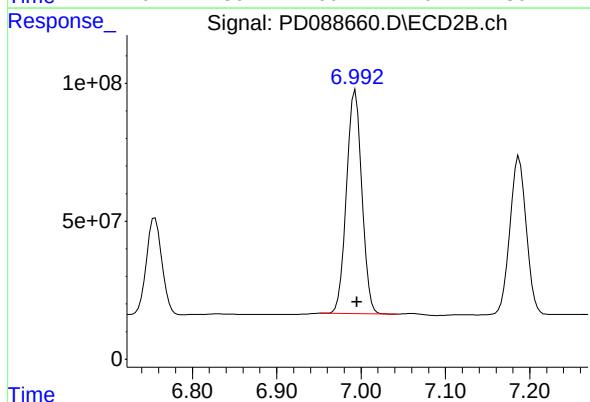
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 190673176
Conc: 55.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

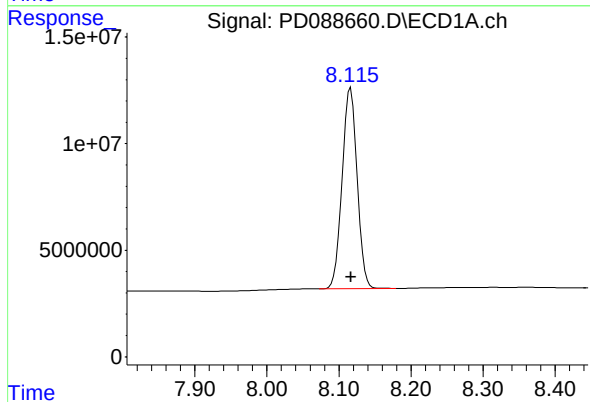
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APPROVED

Reviewed By :Abdul Mirza 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



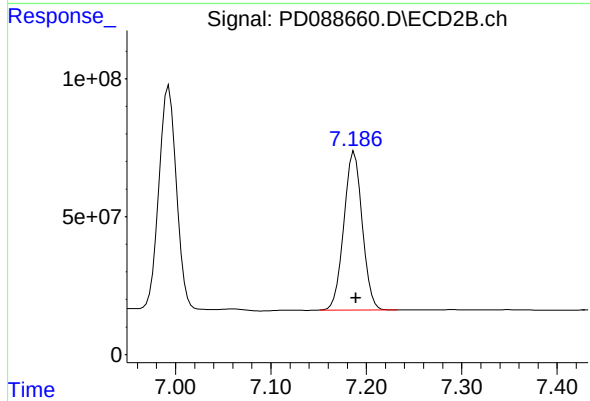
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 1028404824
Conc: 53.15 ng/ml



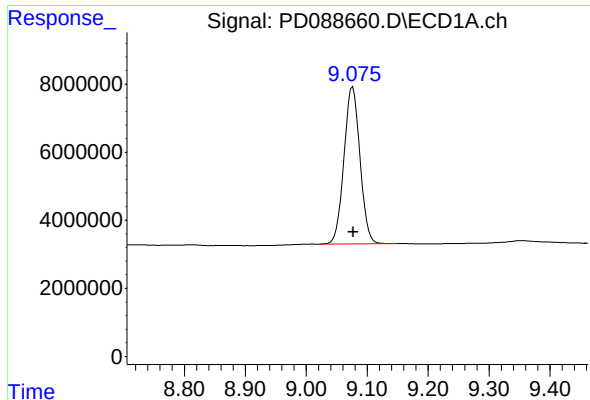
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 136249258
Conc: 52.44 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 771380093
Conc: 50.74 ng/ml



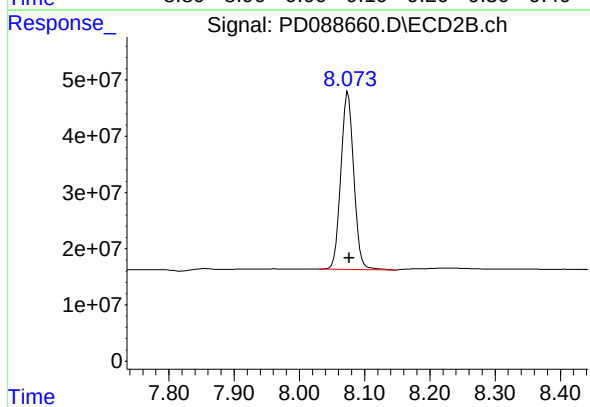
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.001 min
Response: 84352016
Conc: 24.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168075BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 433643271
Conc: 23.75 ng/ml