

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
 Data File : PD088866.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 14:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/11/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 15:00:32 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	2.880	123.5E6	734.7E6	57.070	48.570
28)	SA Decachlor...	9.073	8.073	175.6E6	908.2E6	51.321	49.746
Target Compounds							
2)	A alpha-BHC	3.998	3.393	258.2E6	1169.6E6	54.049	48.928
3)	MA gamma-BHC...	4.329	3.729	245.4E6	1082.1E6	53.322	48.817
4)	MA Heptachlor	4.928	4.083	239.7E6	1083.0E6	53.600	48.230
5)	MB Aldrin	5.270	4.369	233.5E6	1072.4E6	53.124	48.900
6)	B beta-BHC	4.514	4.025	95291836	467.7E6	52.847	48.006
7)	B delta-BHC	4.763	4.262	238.1E6	1092.2E6	56.340	48.988
8)	B Heptachlo...	5.690	4.872	207.8E6	958.8E6	52.346	48.250
9)	A Endosulfan I	6.074	5.247	196.0E6	906.0E6	52.080	47.740
10)	B gamma-Chl...	5.945	5.125	210.4E6	1031.6E6	52.752	48.358
11)	B alpha-Chl...	6.026	5.190	211.3E6	992.7E6	52.746	48.132
12)	B 4,4'-DDE	6.195	5.374	191.0E6	1008.0E6	53.208	48.223m
13)	MA Dieldrin	6.346	5.513	209.7E6	1019.6E6	52.266	48.450
14)	MA Endrin	6.574	5.789	176.7E6	924.6E6	51.735	47.944
15)	B Endosulfa...	6.786	6.080	176.2E6	891.1E6	51.155	48.637
16)	A 4,4'-DDD	6.704	5.930	150.9E6	854.6E6	54.198	49.135
17)	MA 4,4'-DDT	7.021	6.184	164.0E6	891.2E6	52.530	49.136
18)	B Endrin al...	6.915	6.259	128.1E6	653.8E6	49.759	46.939
19)	B Endosulfa...	7.149	6.482	165.1E6	860.8E6	51.545	48.479
20)	A Methoxychlor	7.493	6.755	85933626	464.9E6	51.440	48.553
21)	B Endrin ke...	7.630	6.992	178.6E6	959.0E6	52.182	49.568
22)	Mirex	8.114	7.186	131.6E6	740.8E6	50.641	48.730

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

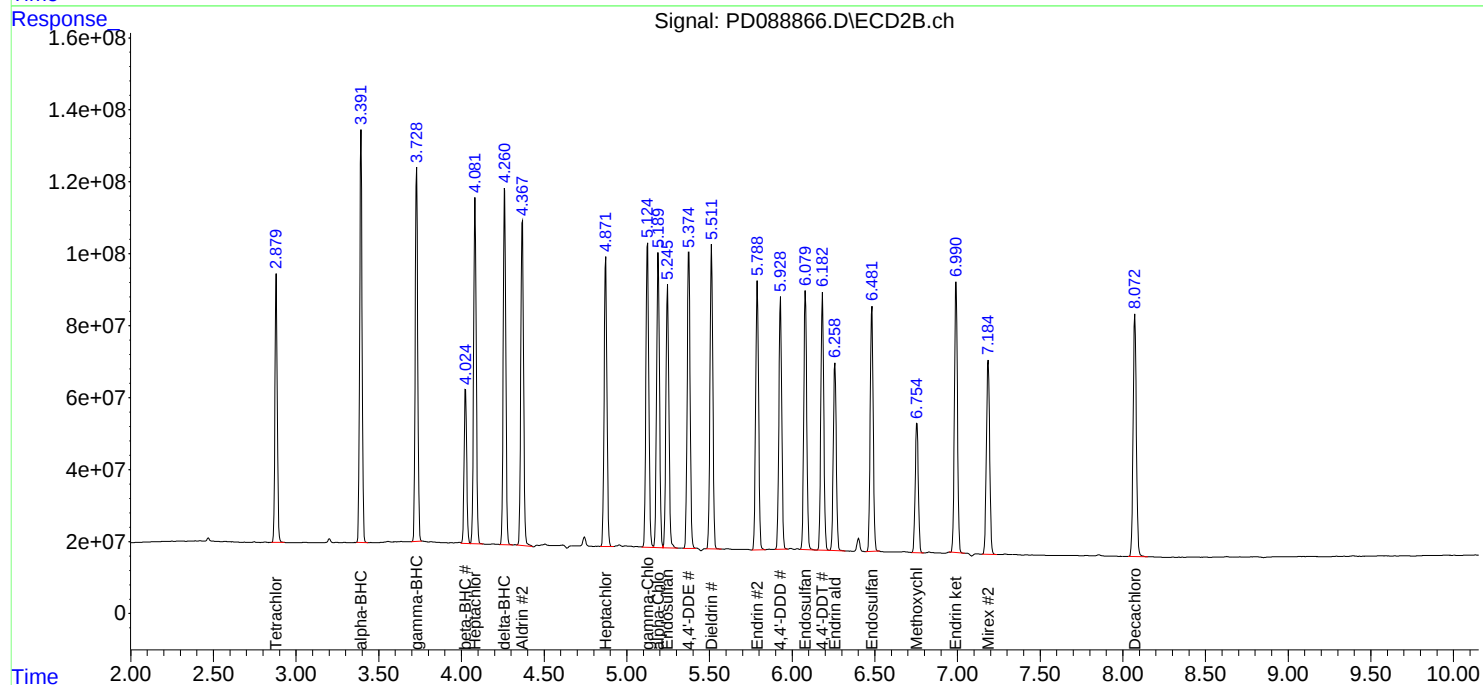
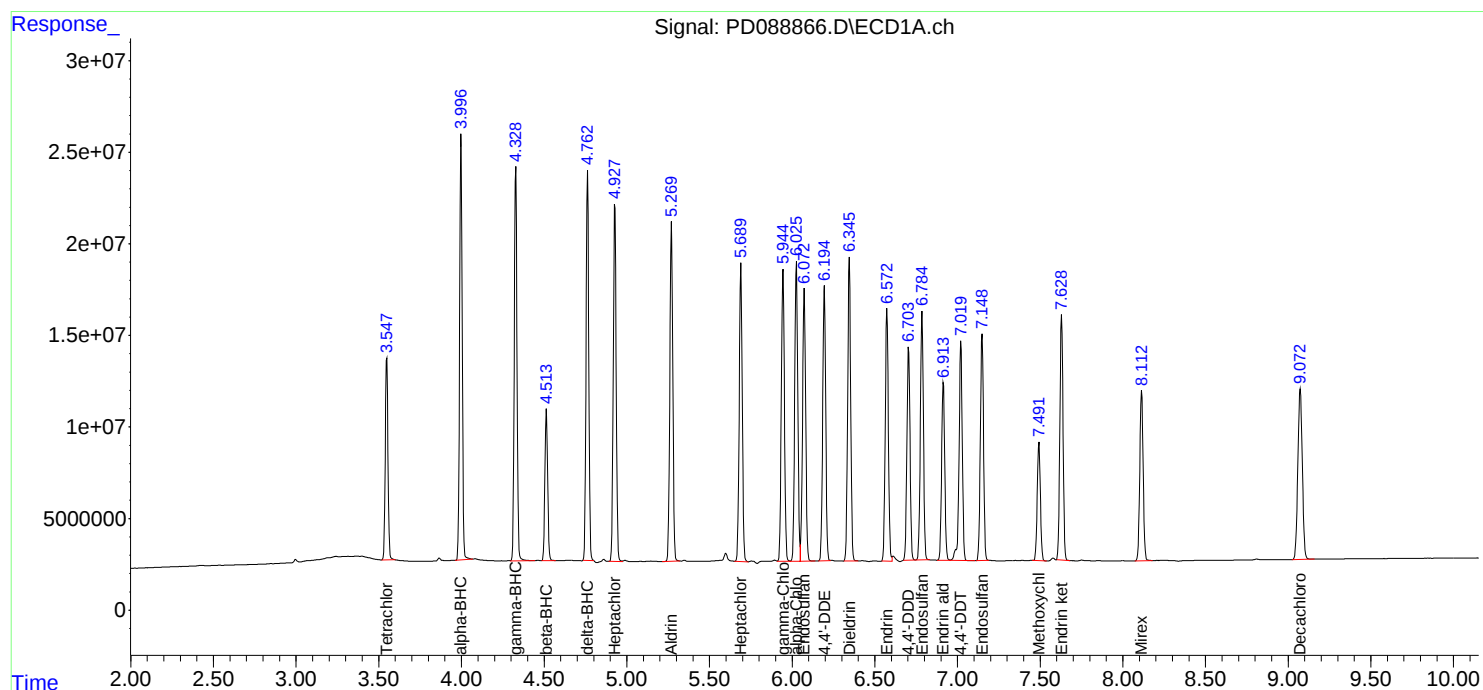
APPROVED

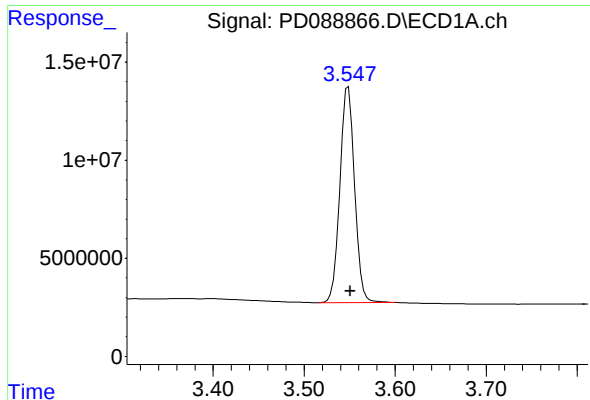
Reviewed By :Abdul Mirza 06/11/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 15:00:32 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





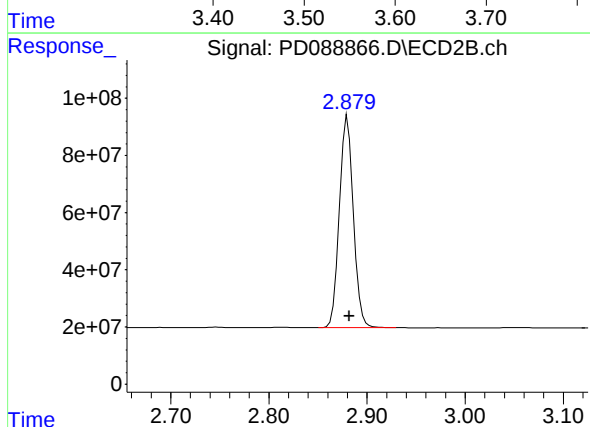
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 123485466
Conc: 57.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

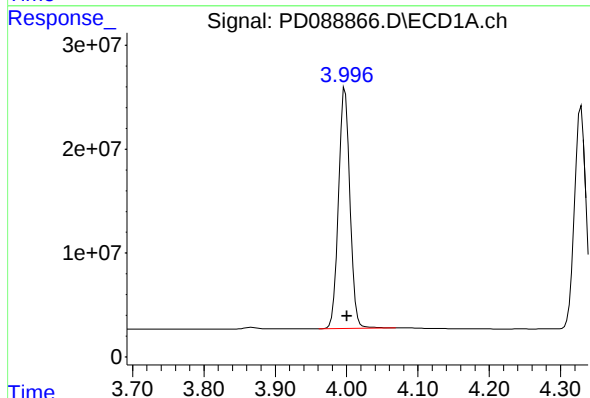
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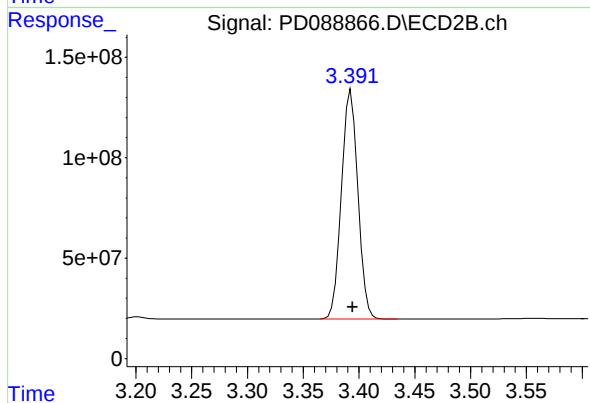
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.001 min
Response: 734706748
Conc: 48.57 ng/ml



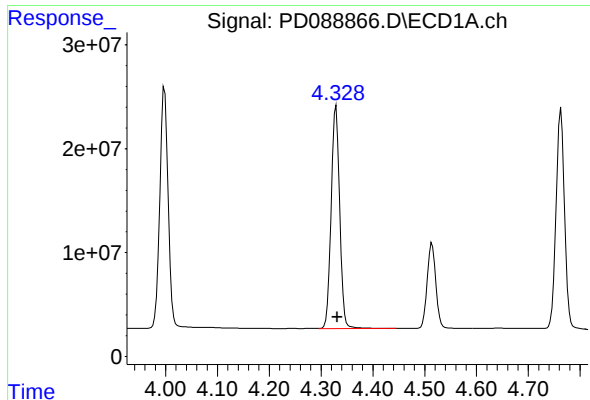
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 258168497
Conc: 54.05 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: -0.002 min
Response: 1169554634
Conc: 48.93 ng/ml



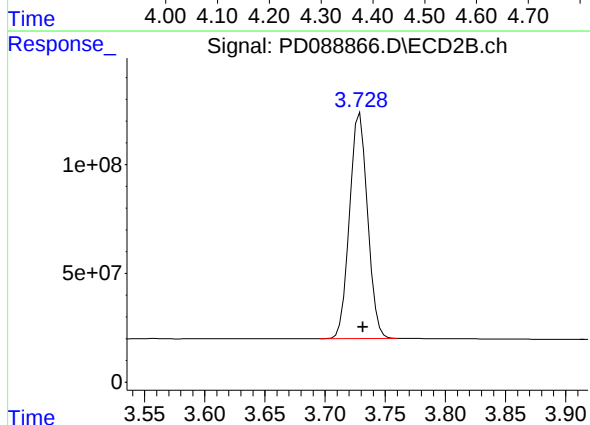
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 245426953
Conc: 53.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

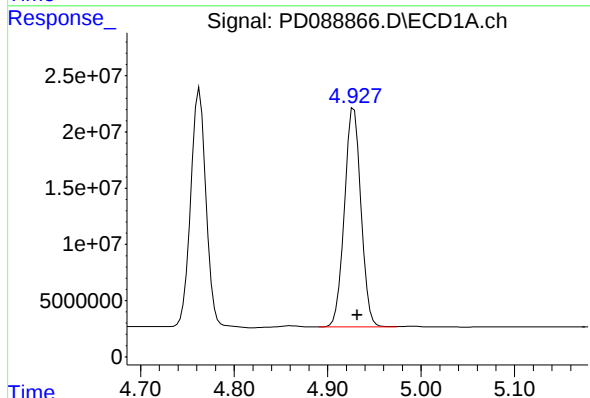
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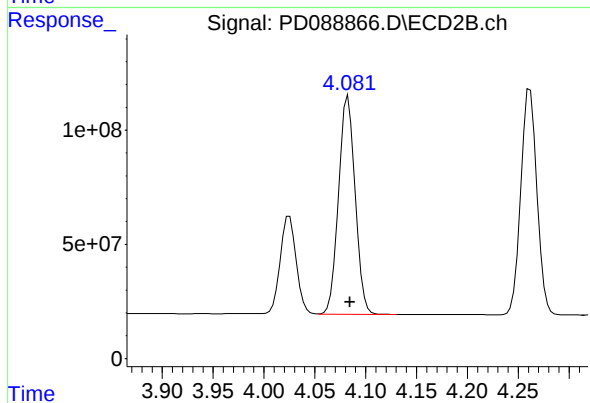
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.002 min
Response: 1082064329
Conc: 48.82 ng/ml



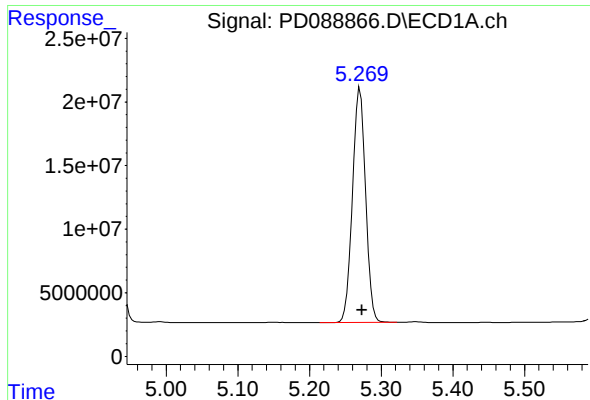
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.004 min
Response: 239659372
Conc: 53.60 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: -0.002 min
Response: 1083006796
Conc: 48.23 ng/ml



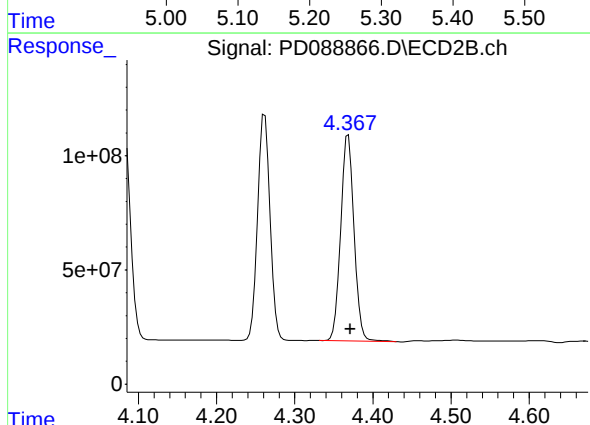
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 233452268
Conc: 53.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

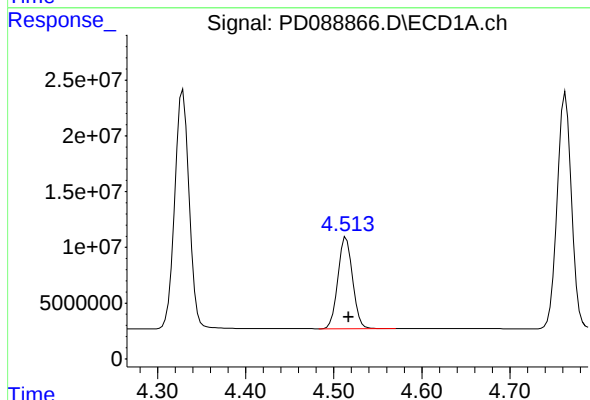
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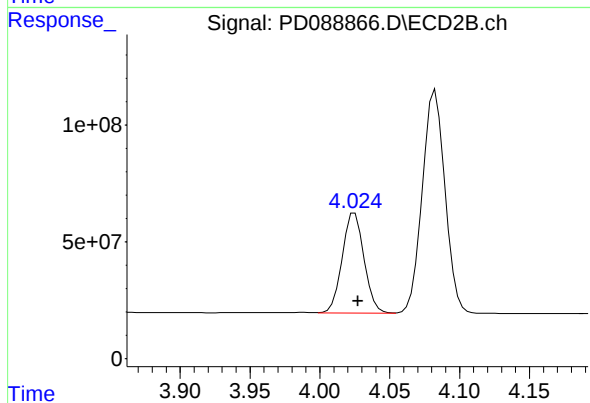
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 1072367569
Conc: 48.90 ng/ml



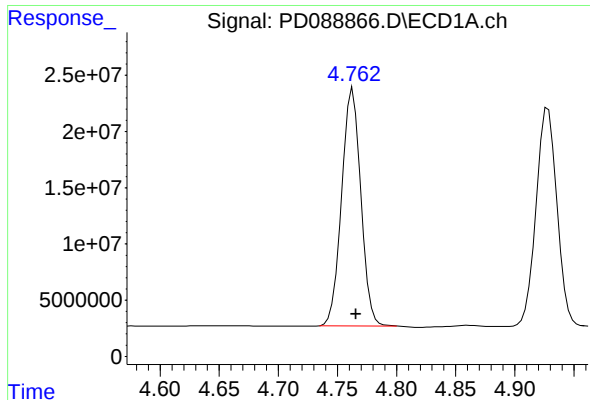
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 95291836
Conc: 52.85 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 467669930
Conc: 48.01 ng/ml



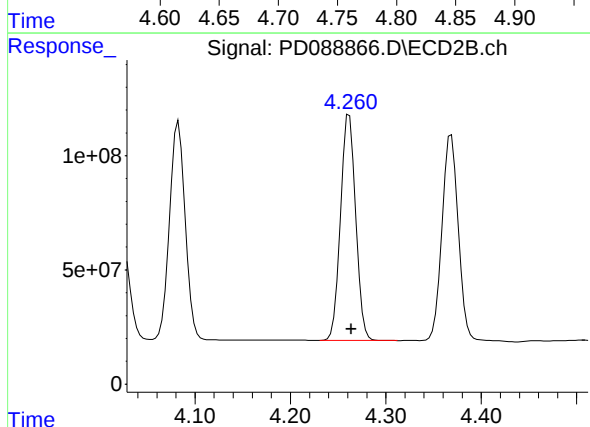
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 238099136
Conc: 56.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

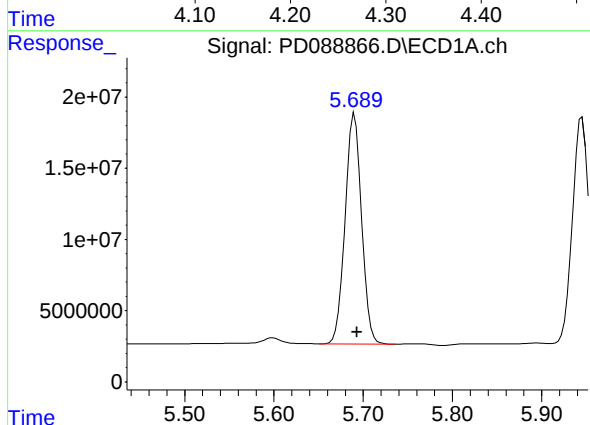
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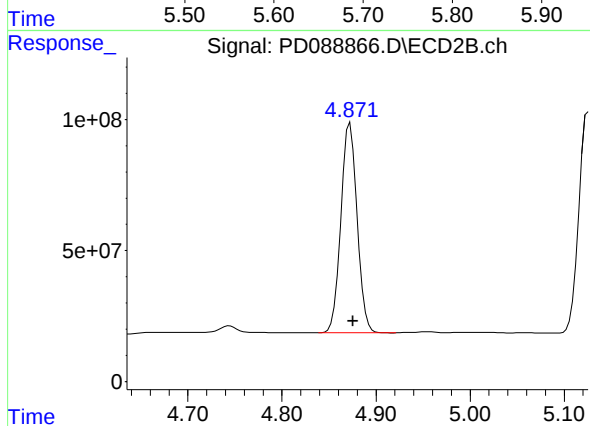
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 1092150817
Conc: 48.99 ng/ml



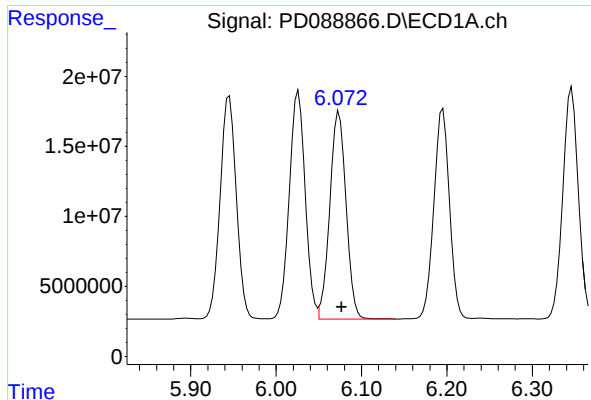
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 207777767
Conc: 52.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 958795077
Conc: 48.25 ng/ml



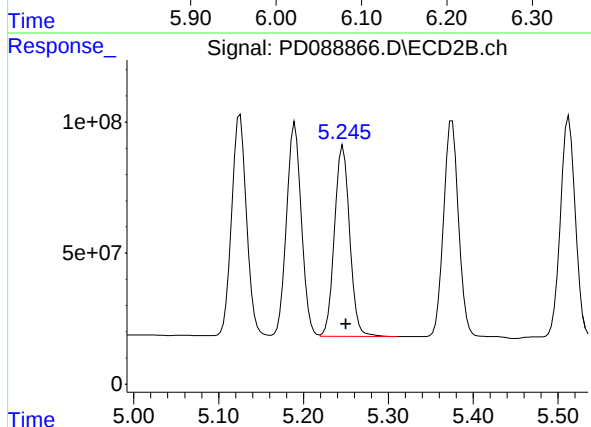
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 195972483
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

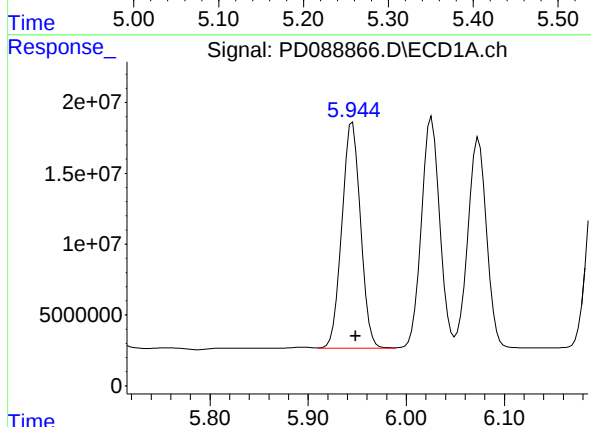
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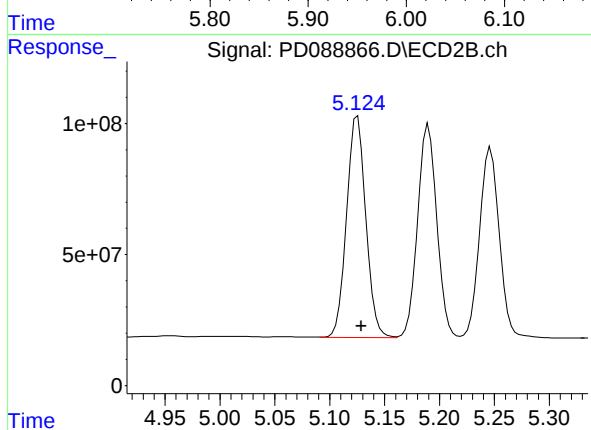
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 906030638
Conc: 47.74 ng/ml



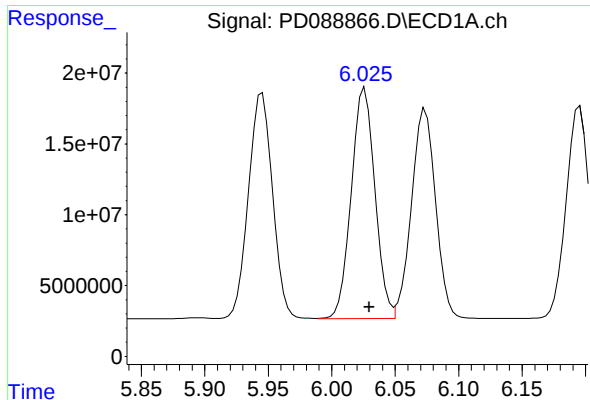
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 210423248
Conc: 52.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1031582198
Conc: 48.36 ng/ml



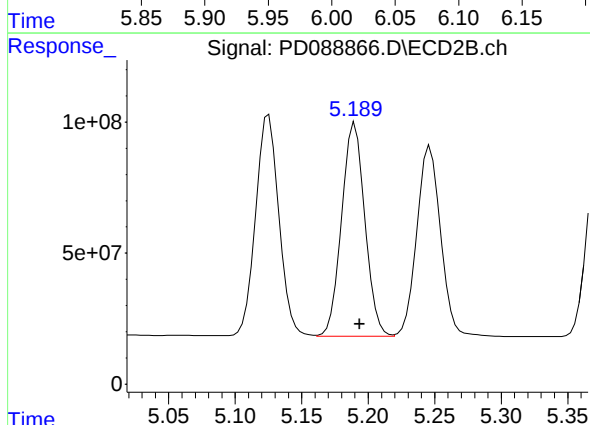
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 211313906
Conc: 52.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

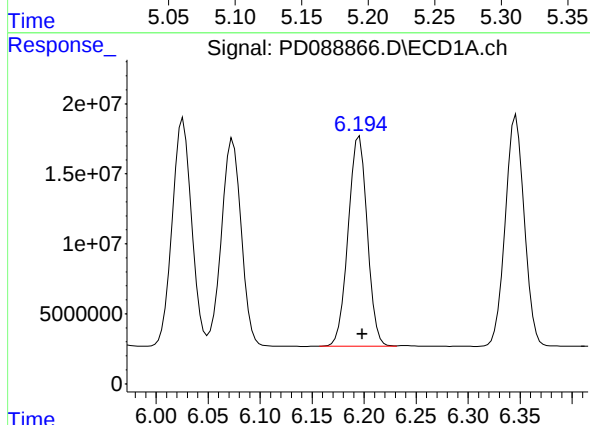
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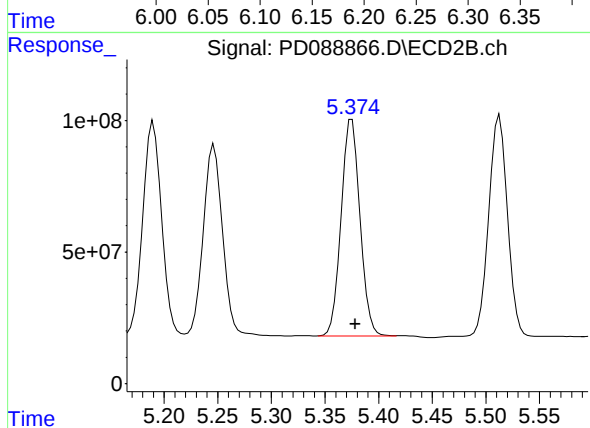
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 992723763
Conc: 48.13 ng/ml



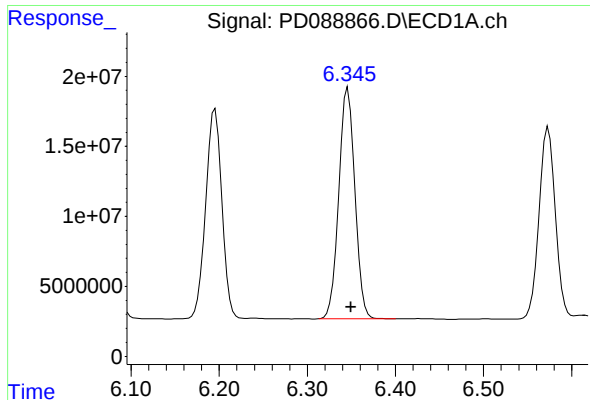
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 190983970
Conc: 53.21 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.005 min
Response: 1007983336
Conc: 48.22 ng/ml m



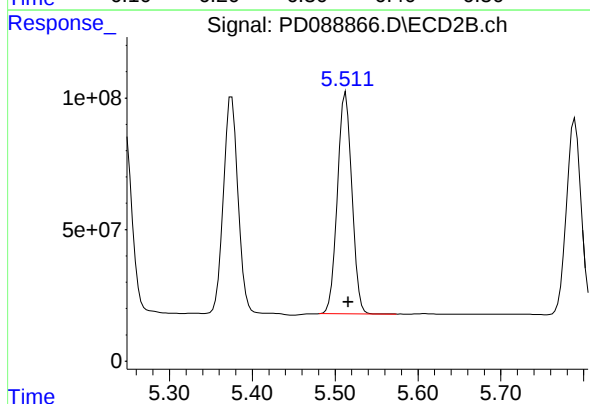
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 209676526
Conc: 52.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

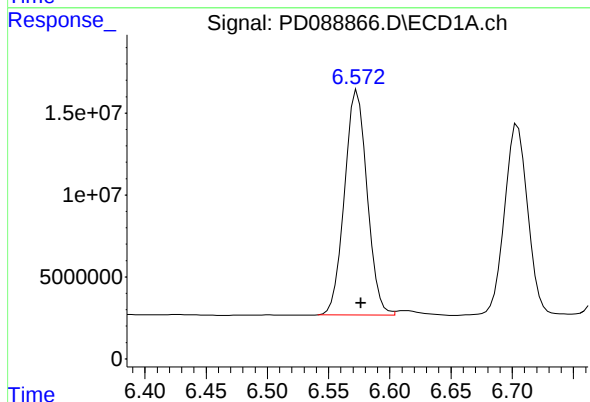
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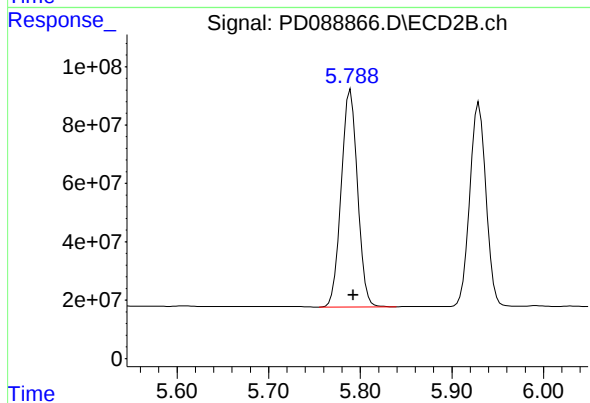
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.003 min
Response: 1019586709
Conc: 48.45 ng/ml



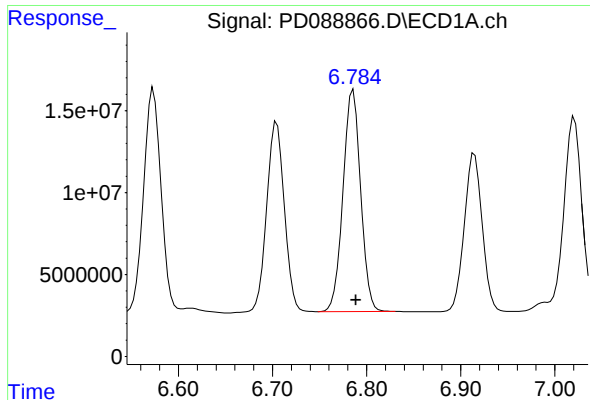
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 176685822
Conc: 51.74 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 924553258
Conc: 47.94 ng/ml



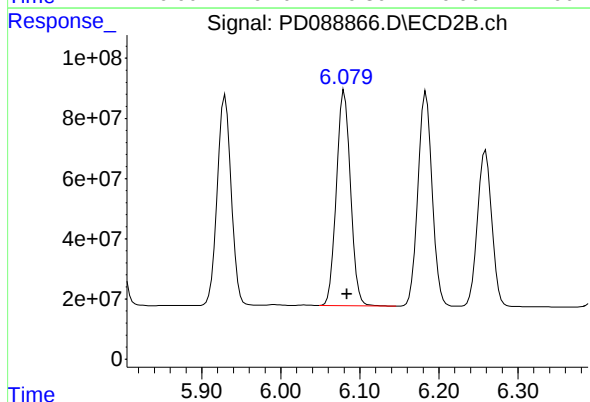
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.003 min
Response: 176156303
Conc: 51.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

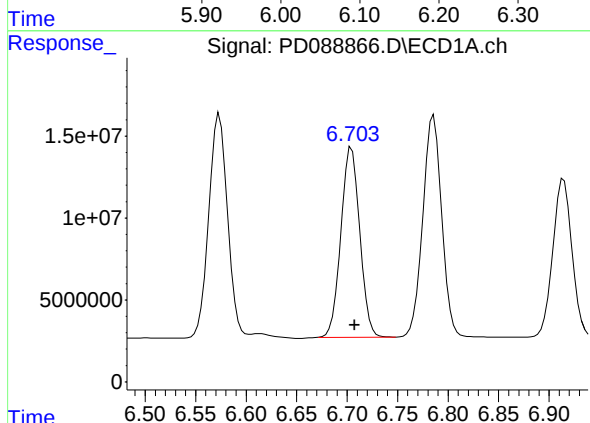
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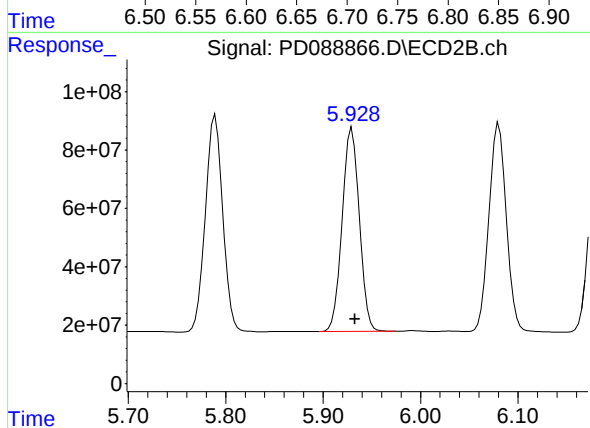
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 891120491
Conc: 48.64 ng/ml



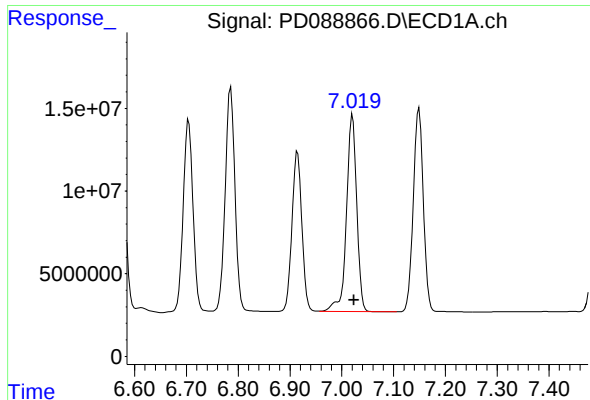
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 150946578
Conc: 54.20 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 854568107
Conc: 49.13 ng/ml



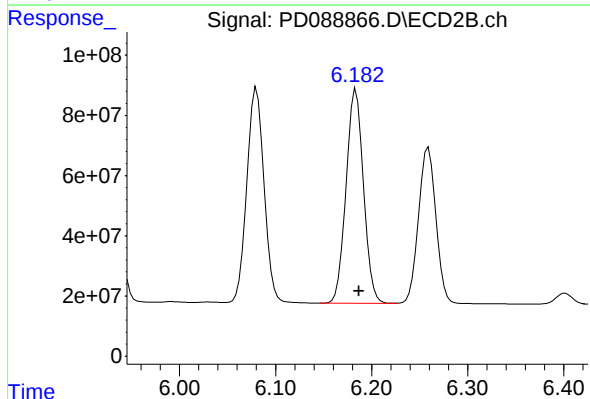
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 164002081
Conc: 52.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

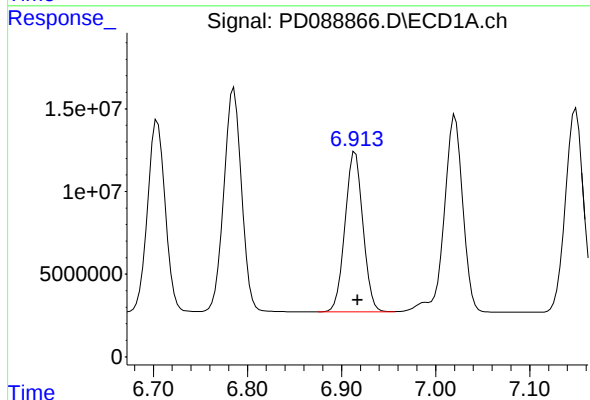
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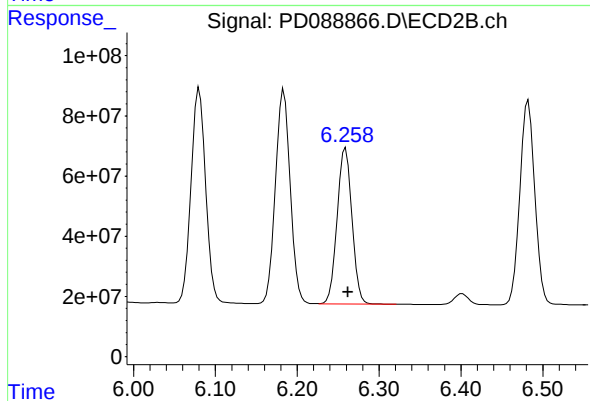
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 891203194
Conc: 49.14 ng/ml



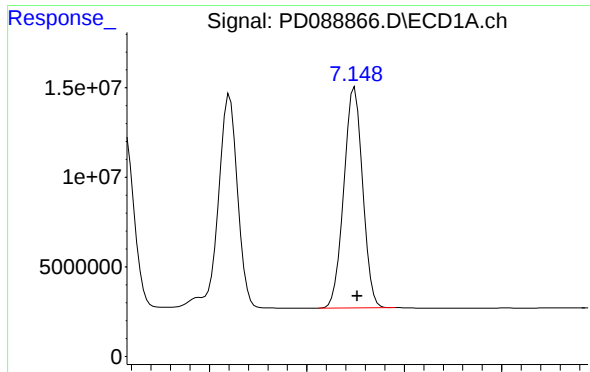
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.003 min
Response: 128109506
Conc: 49.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 653796533
Conc: 46.94 ng/ml



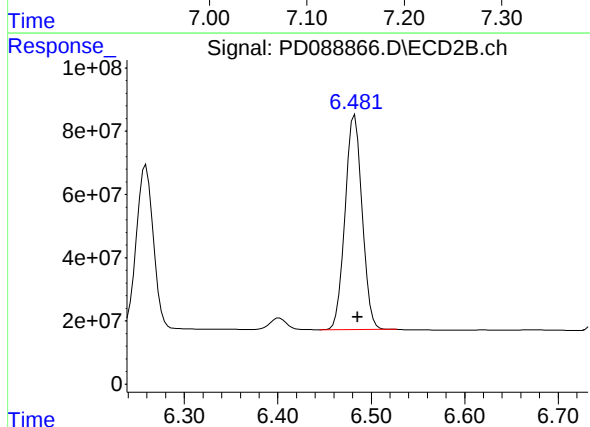
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.002 min
Response: 165101879
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

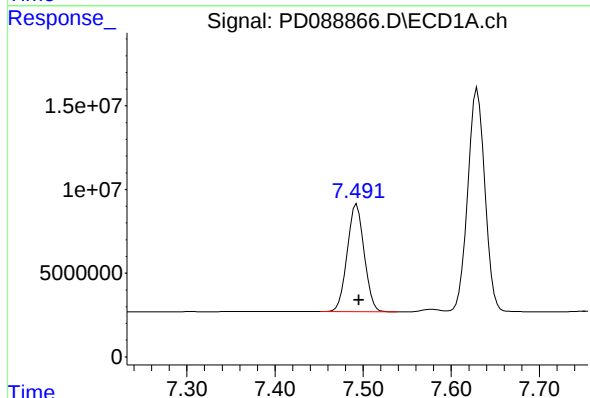
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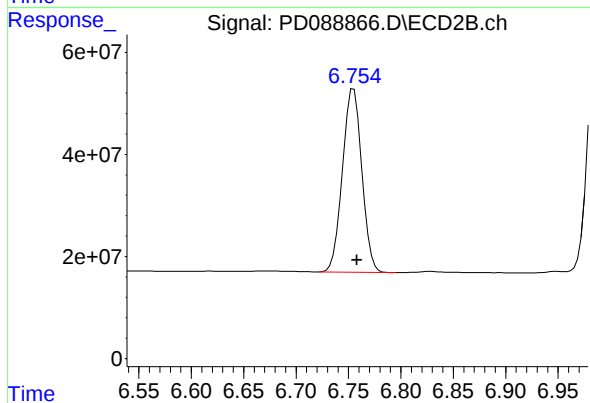
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 860783694
Conc: 48.48 ng/ml



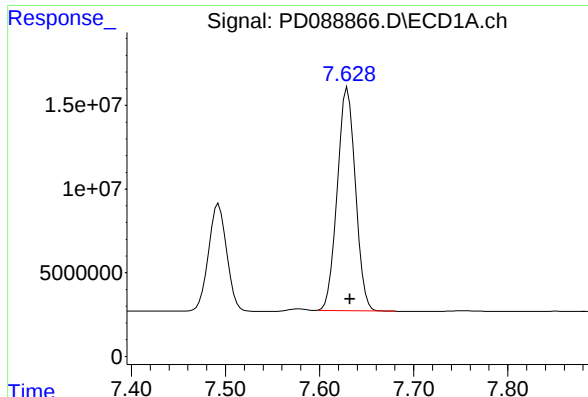
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 85933626
Conc: 51.44 ng/ml



#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 464886972
Conc: 48.55 ng/ml



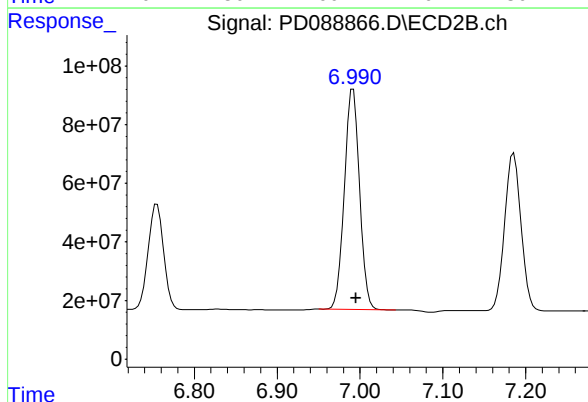
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 178626259
Conc: 52.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

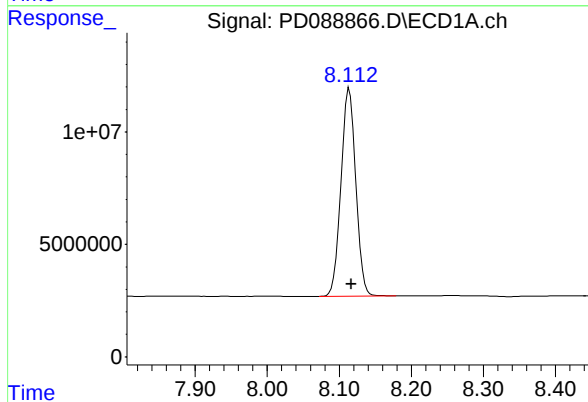
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/11/2025
Supervised By :mohammad ahmed 06/13/2025



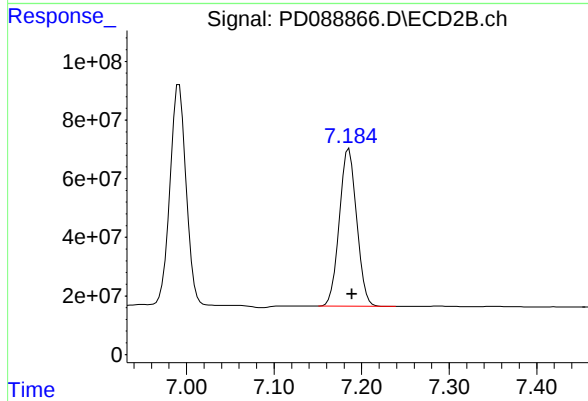
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 959017208
Conc: 49.57 ng/ml



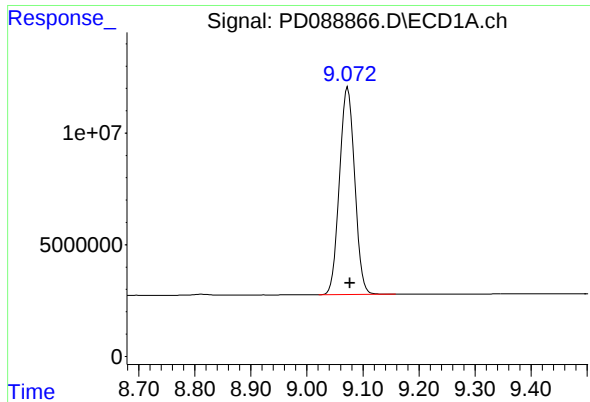
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 131579483
Conc: 50.64 ng/ml



#22 Mirex

R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 740806288
Conc: 48.73 ng/ml



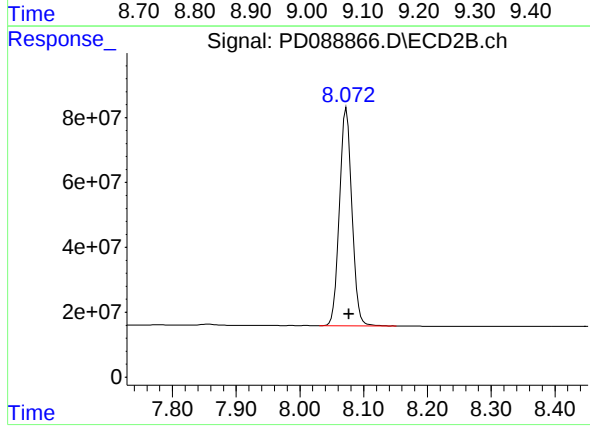
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.004 min
Response: 175637016
Conc: 51.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/13/2025



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 908179106
Conc: 49.75 ng/ml