

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 14:53
 Operator : AR\AJ
 Sample : Q2198-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B-207-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 15:24:38 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	52602910	321.6E6	24.311	21.260
28)	SA Decachlor...	9.072	8.072	89449800	454.2E6	26.137	24.879
Target Compounds							
2)	A alpha-BHC	3.998	3.392	298.2E6	1291.3E6	62.430	54.019
3)	MA gamma-BHC...	4.329	3.728	292.3E6	1211.2E6	63.504	54.643
4)	MA Heptachlor	4.928	4.082	243.6E6	1061.8E6	54.477	47.285
5)	MB Aldrin	5.270	4.368	226.9E6	1013.8E6	51.640	46.227
6)	B beta-BHC	4.514	4.024	110.2E6	532.3E6	61.134	54.644
7)	B delta-BHC	4.762	4.261	294.3E6	1242.5E6	69.650	55.732
8)	B Heptachlo...	5.690	4.872	242.7E6	1076.5E6	61.145	54.173
9)	A Endosulfan I	6.073	5.246	230.6E6	1035.9E6	61.287	54.582
10)	B gamma-Chl...	5.945	5.125	242.6E6	1166.9E6	60.811	54.701
11)	B alpha-Chl...	6.026	5.189	244.9E6	1125.4E6	61.127	54.566
12)	B 4,4'-DDE	6.195	5.374	224.1E6	1135.1E6	62.422	54.305
13)	MA Dieldrin	6.346	5.510	250.0E6	1164.1E6	62.315	55.318m
14)	MA Endrin	6.573	5.789	215.3E6	1115.1E6	63.050	57.827
15)	B Endosulfa...	6.785	6.080	202.6E6	1022.7E6	58.841	55.816
16)	A 4,4'-DDD	6.704	5.929	181.1E6	966.5E6	65.023	55.573
17)	MA 4,4'-DDT	7.021	6.183	201.5E6	1021.1E6	64.556	56.299
18)	B Endrin al...	6.914	6.258	160.8E6	781.8E6	62.458	56.130
19)	B Endosulfa...	7.149	6.481	200.9E6	996.8E6	62.714	56.141
20)	A Methoxychlor	7.492	6.754	104.2E6	530.0E6	62.391	55.352
21)	B Endrin ke...	7.629	6.991	216.2E6	1104.9E6	63.164	57.109
22)	Mirex	8.113	7.185	153.8E6	832.4E6	59.209	54.752

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 14:53
Operator : AR\AJ
Sample : Q2198-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

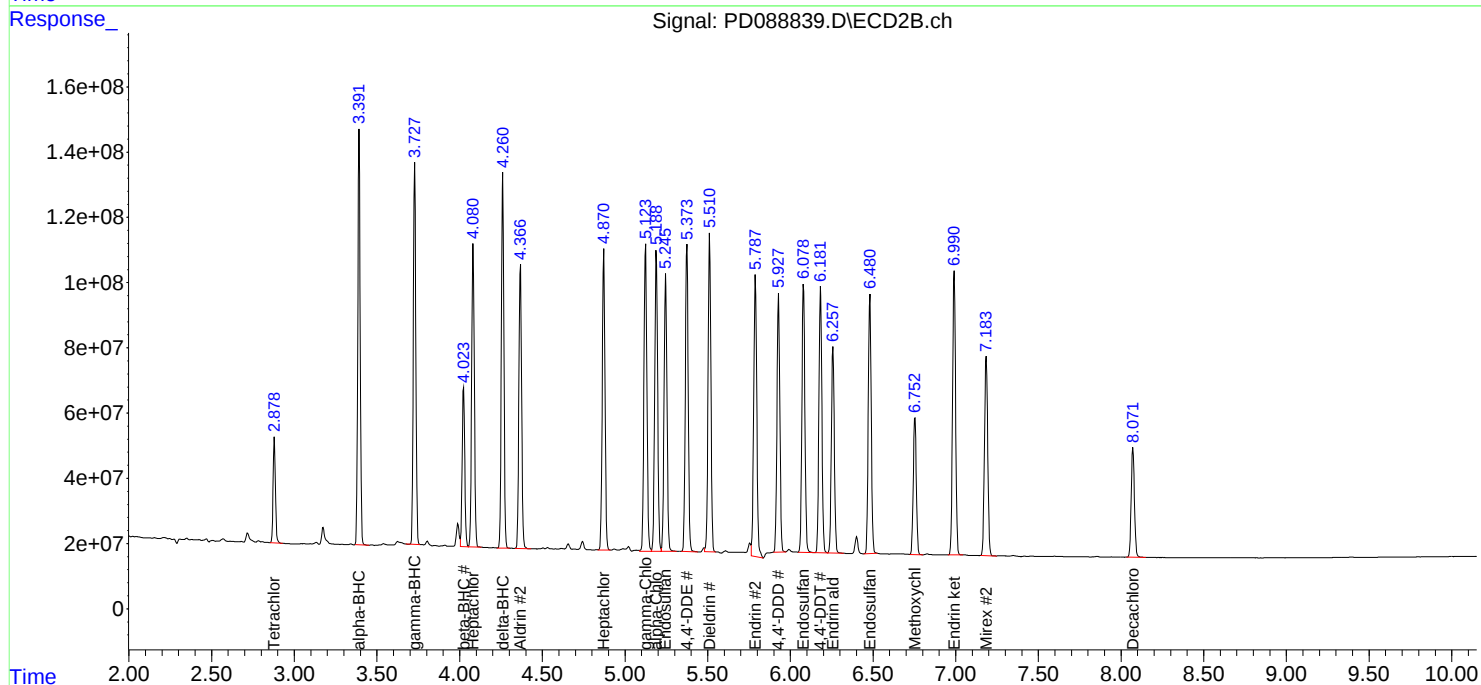
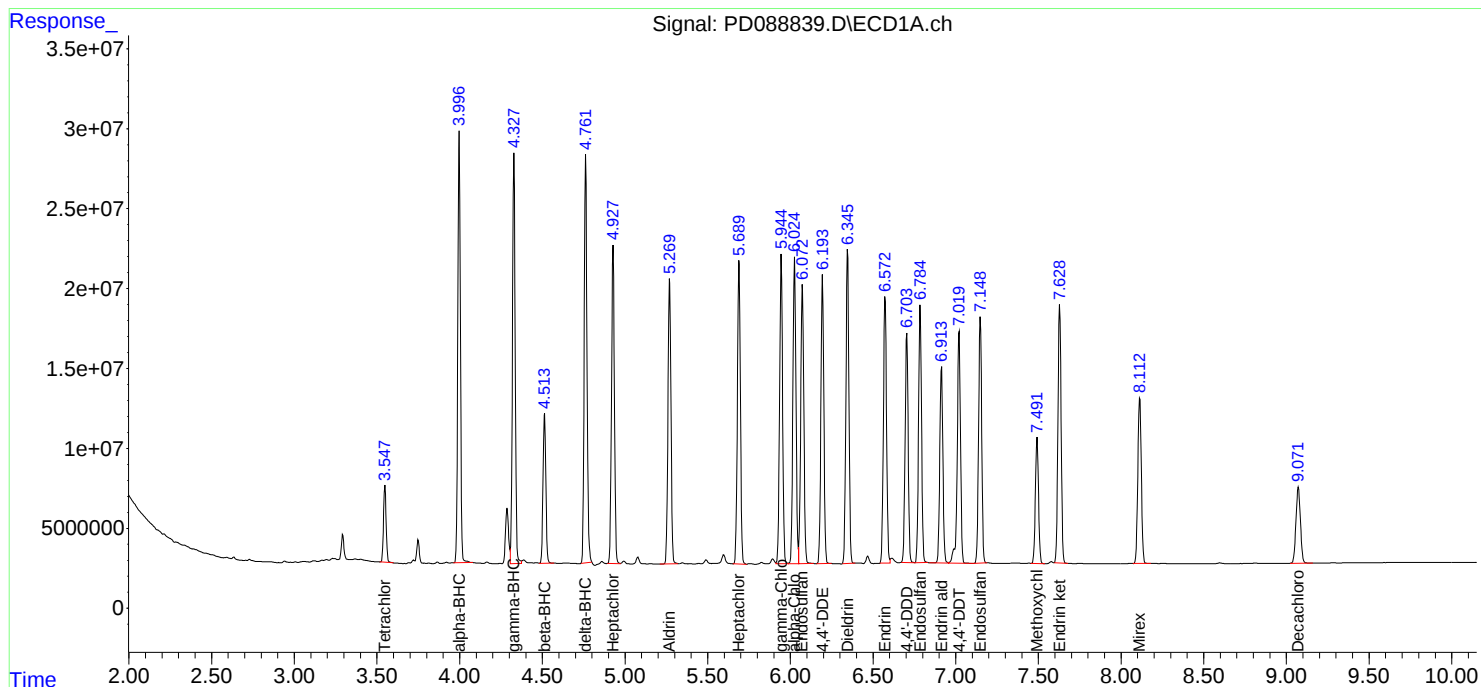
Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

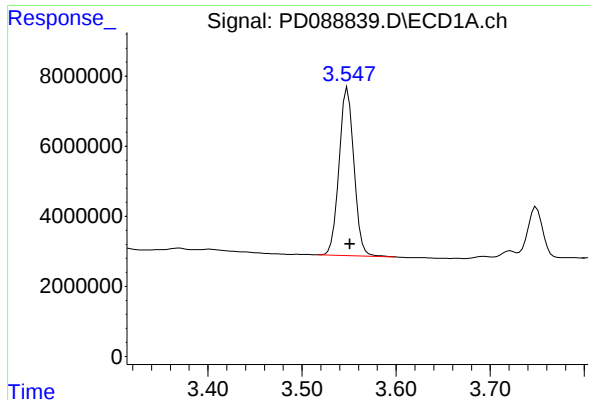
Manual Integrations
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Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 15:24:38 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





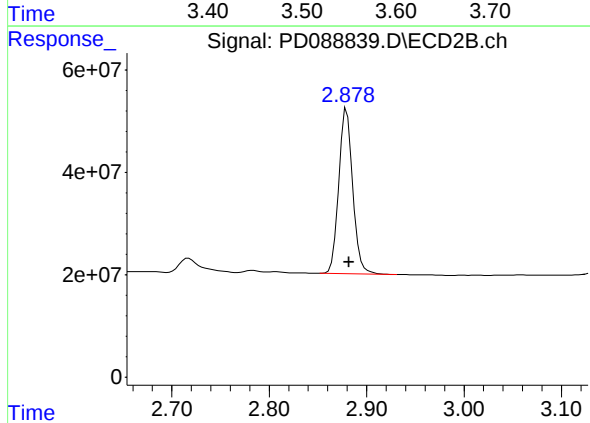
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 52602910
Conc: 24.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

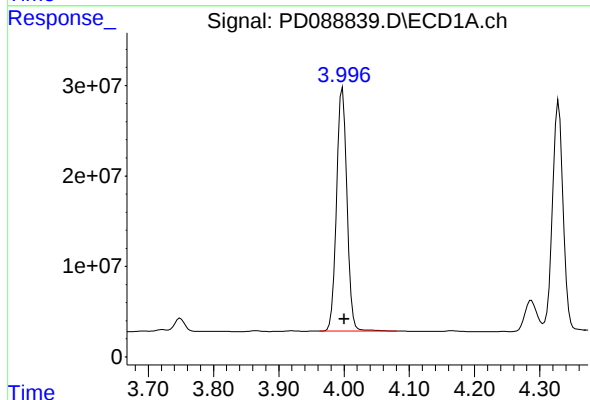
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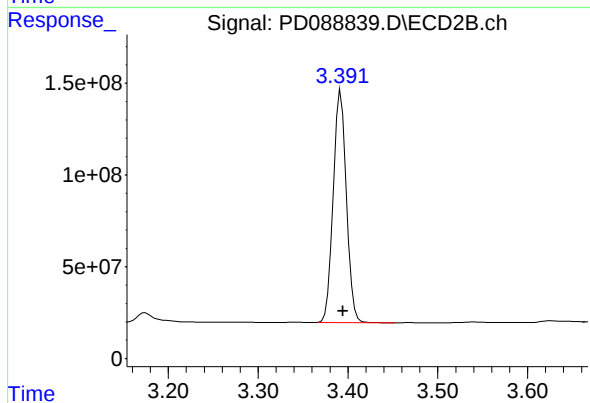
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 321595162
Conc: 21.26 ng/ml



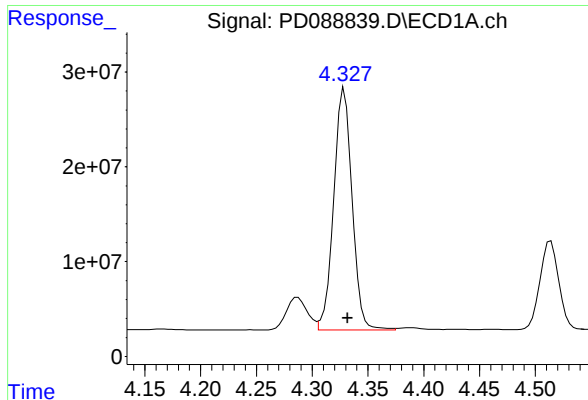
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 298202097
Conc: 62.43 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 1291265450
Conc: 54.02 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 292290385
Conc: 63.50 ng/ml

Instrument :

ECD_D

ClientSampleId :

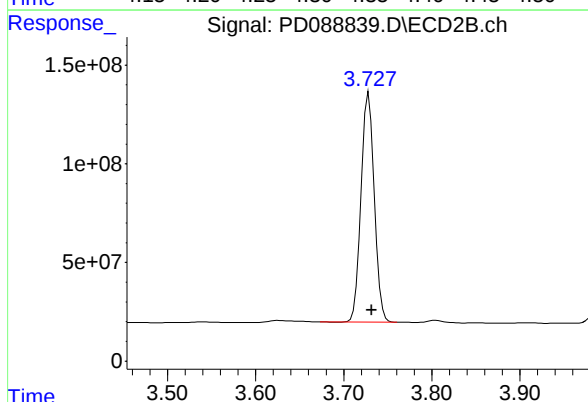
B-207-SB02MSD

Manual Integrations

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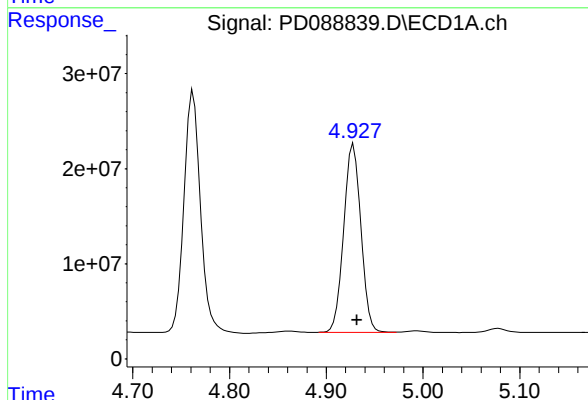
Reviewed By :Abdul Mirza 06/10/2025

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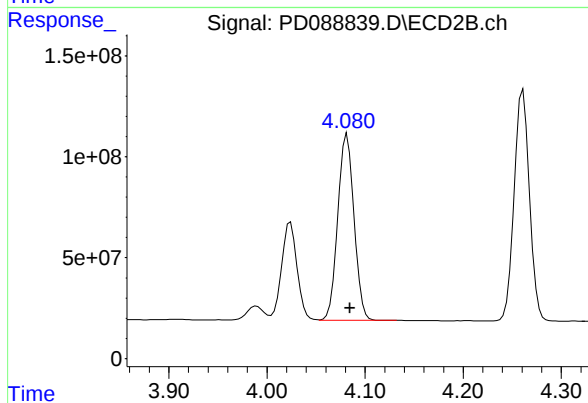
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1211208928
Conc: 54.64 ng/ml



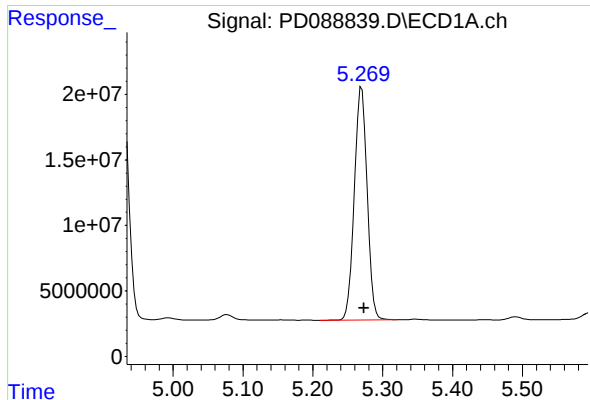
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 243576799
Conc: 54.48 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1061782865
Conc: 47.29 ng/ml



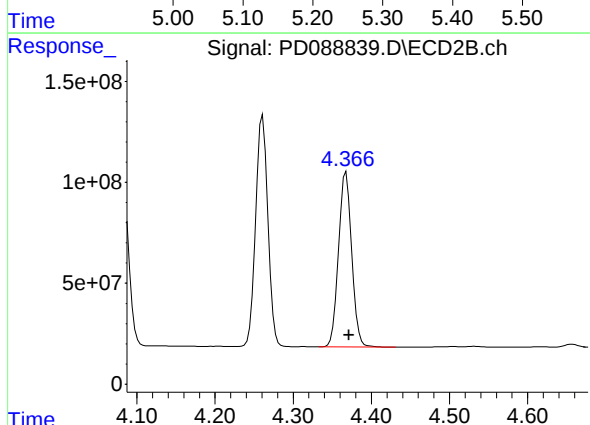
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 226931680
Conc: 51.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

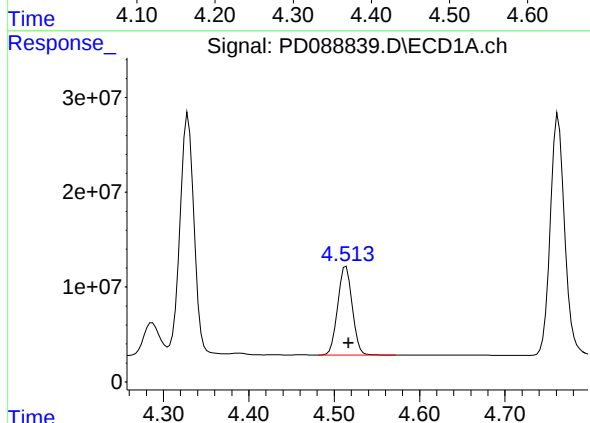
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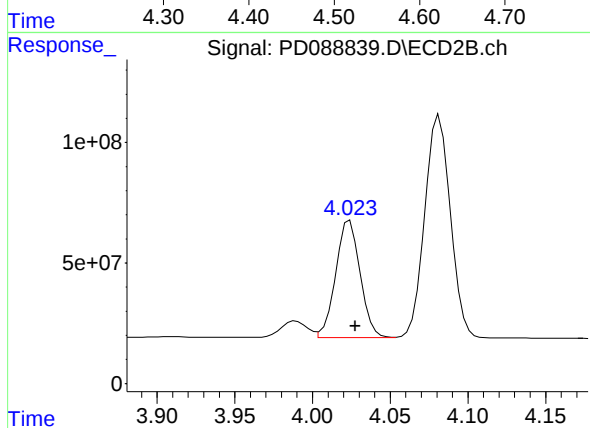
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.004 min
Response: 1013752456
Conc: 46.23 ng/ml



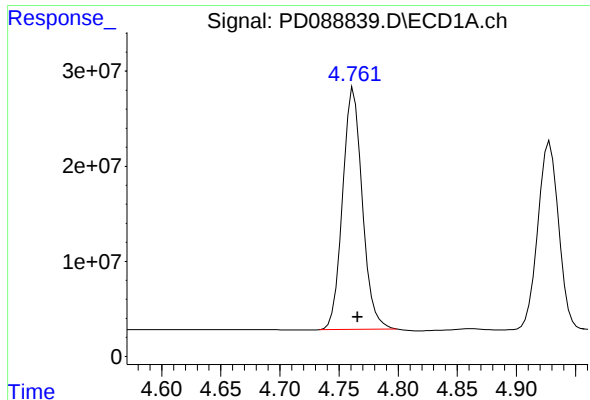
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 110234948
Conc: 61.13 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 532340253
Conc: 54.64 ng/ml



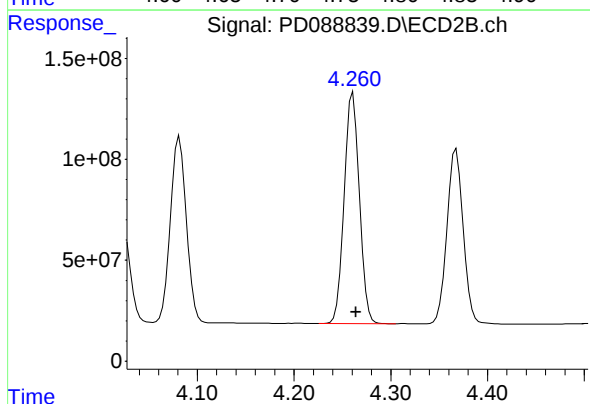
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 294349825
Conc: 69.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

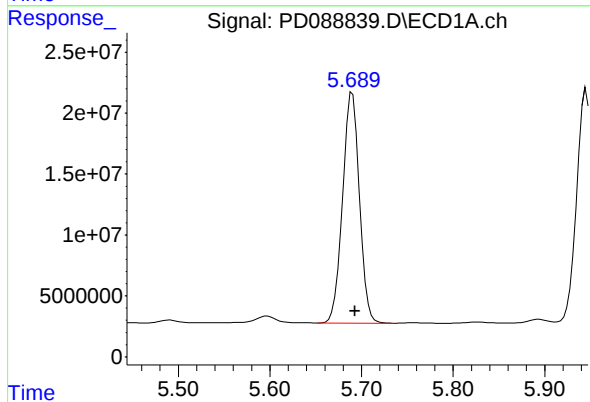
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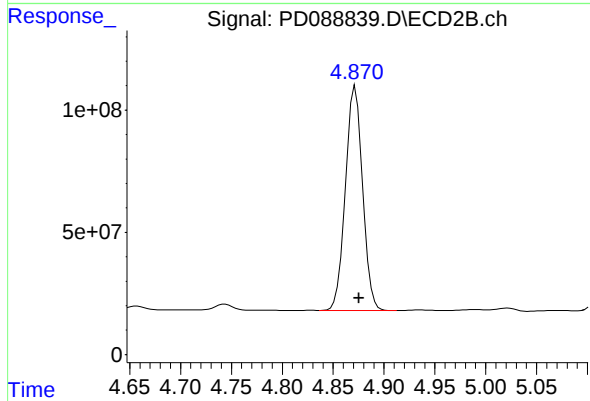
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1242498813
Conc: 55.73 ng/ml



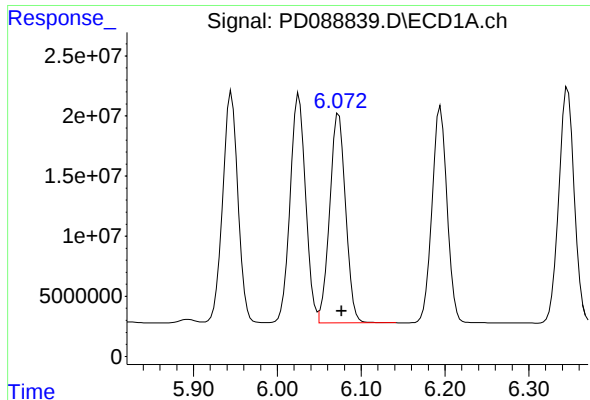
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 242703252
Conc: 61.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 1076481520
Conc: 54.17 ng/ml



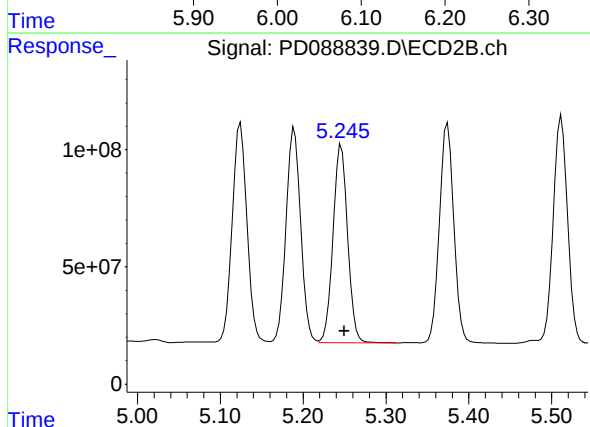
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 230618819
Conc: 61.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

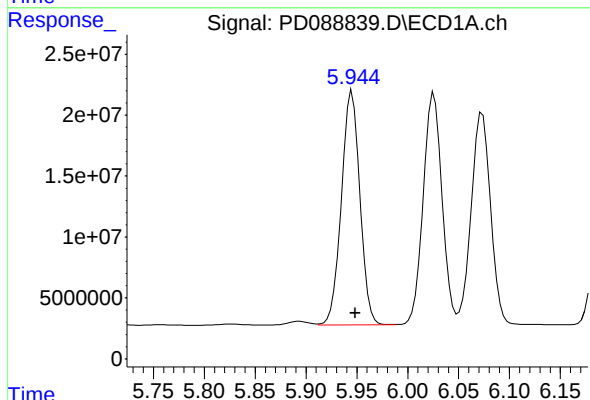
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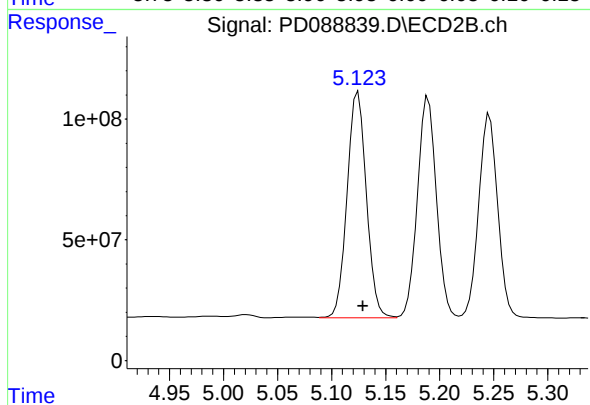
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 1035881098
Conc: 54.58 ng/ml



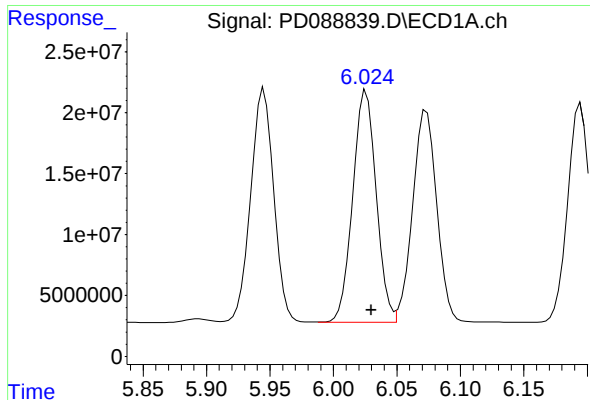
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 242570721
Conc: 60.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1166885376
Conc: 54.70 ng/ml



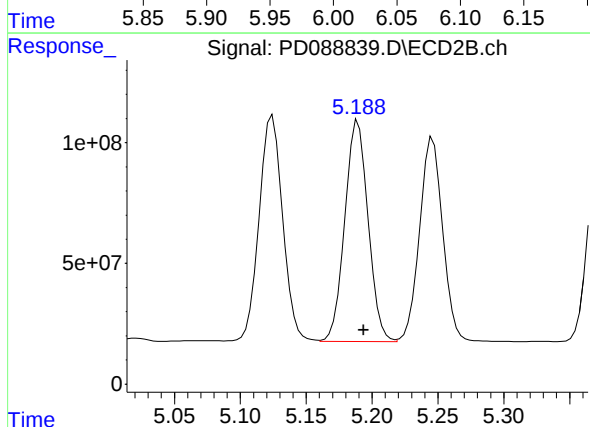
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 244890242
Conc: 61.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

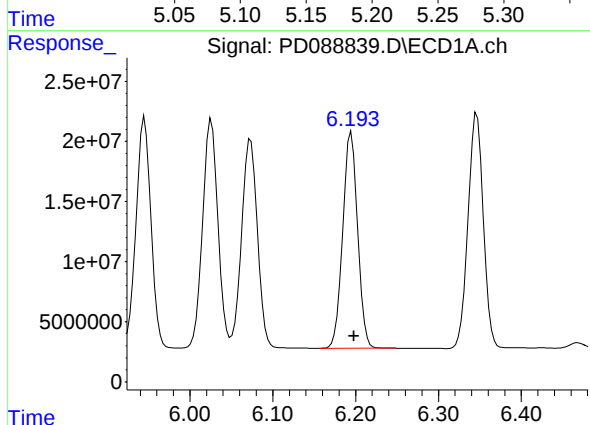
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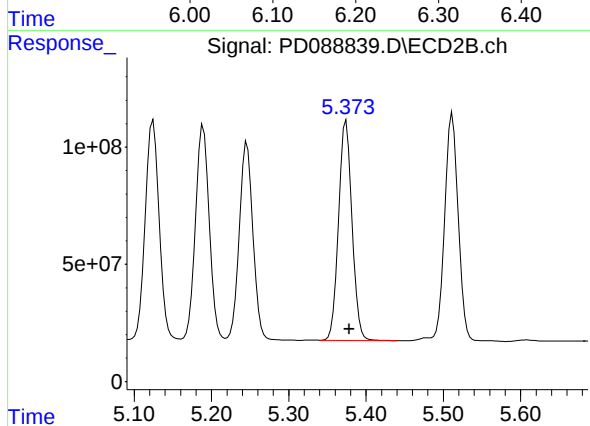
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 1125423033
Conc: 54.57 ng/ml



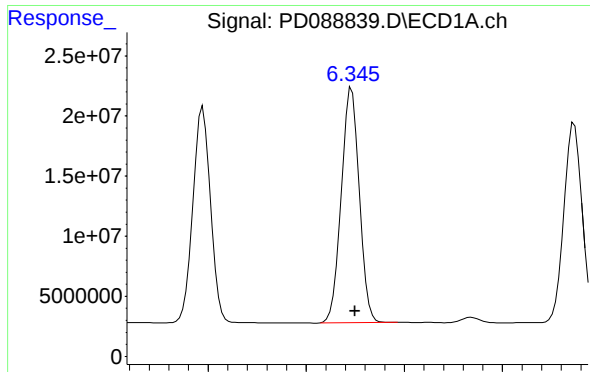
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 224056142
Conc: 62.42 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 1135124830
Conc: 54.31 ng/ml



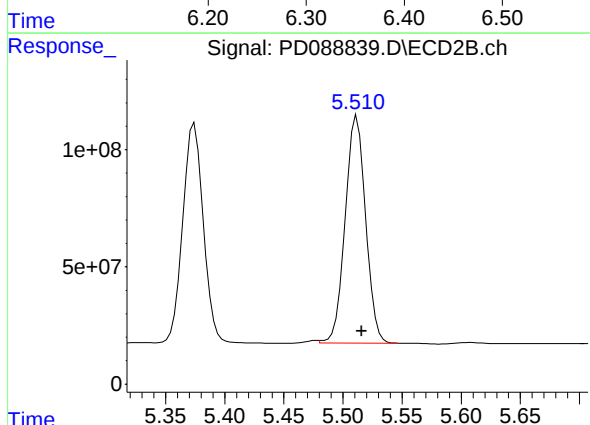
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 249992004
Conc: 62.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

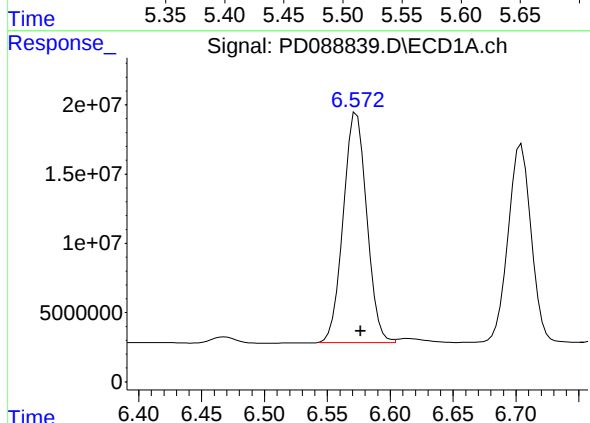
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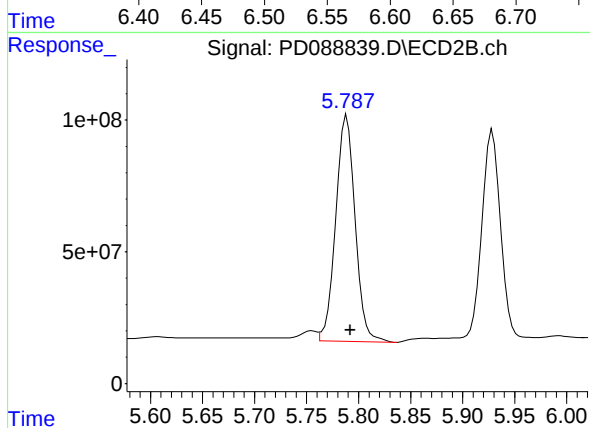
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 1164112192
Conc: 55.32 ng/ml



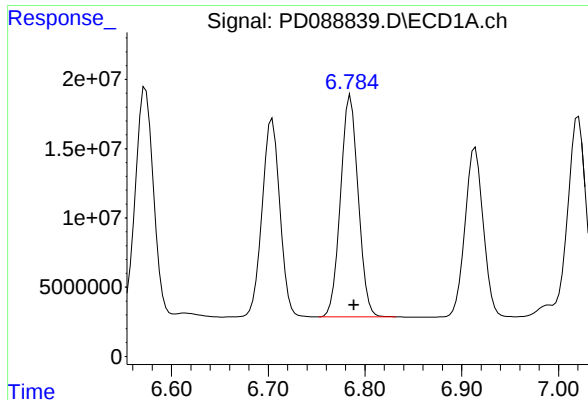
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 215326161
Conc: 63.05 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 1115137612
Conc: 57.83 ng/ml



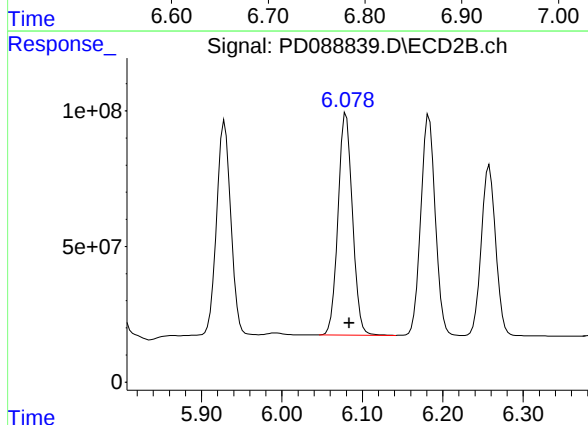
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 202623477
Conc: 58.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

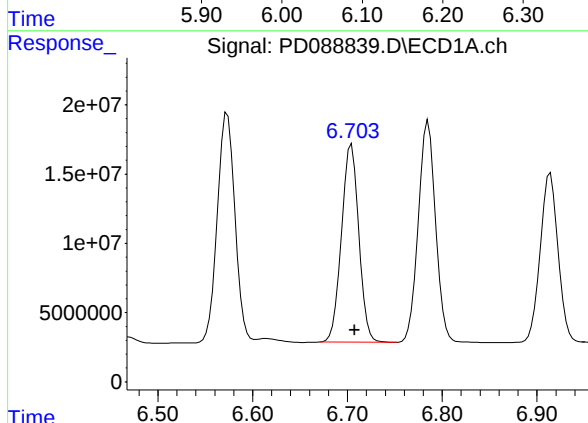
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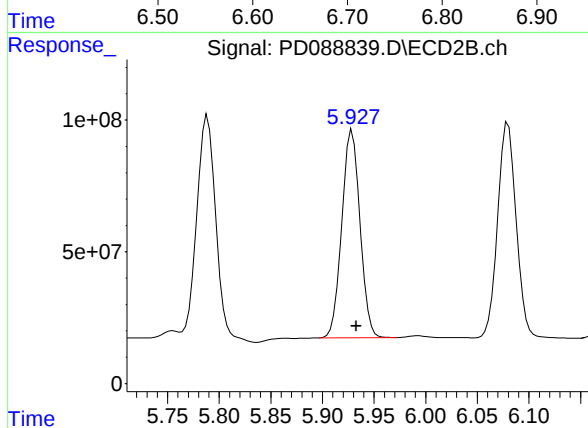
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 1022657092
Conc: 55.82 ng/ml



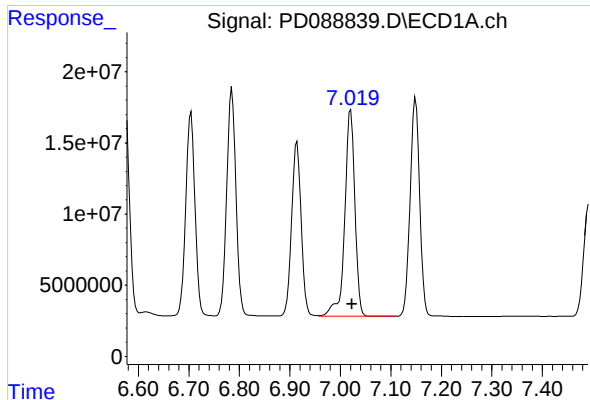
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 181095889
Conc: 65.02 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 966545852
Conc: 55.57 ng/ml



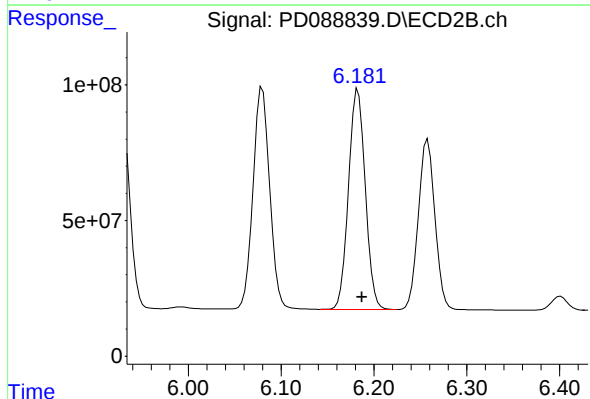
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 201545461
Conc: 64.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

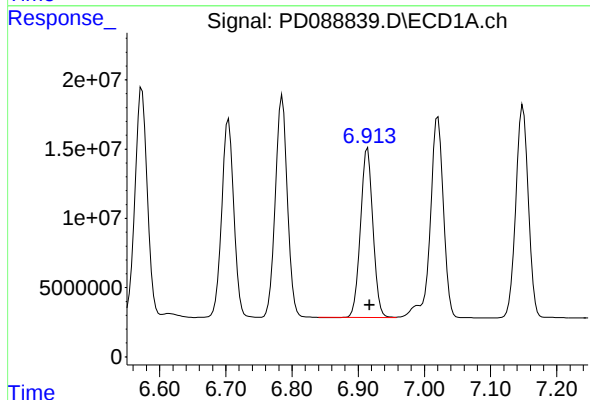
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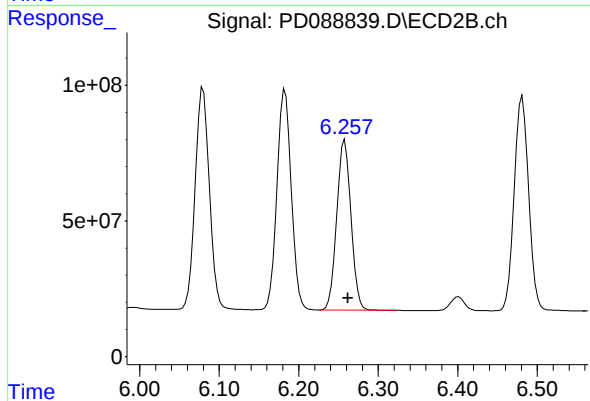
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1021113322
Conc: 56.30 ng/ml



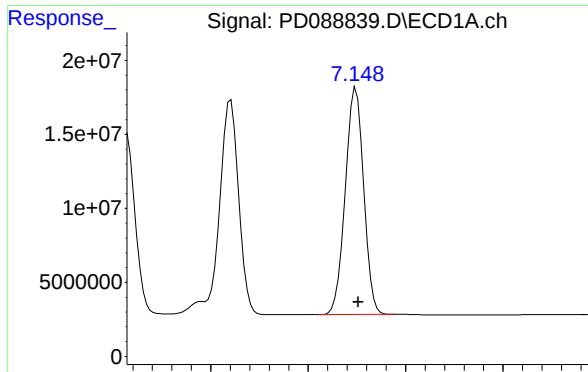
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.003 min
Response: 160804906
Conc: 62.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 781824418
Conc: 56.13 ng/ml



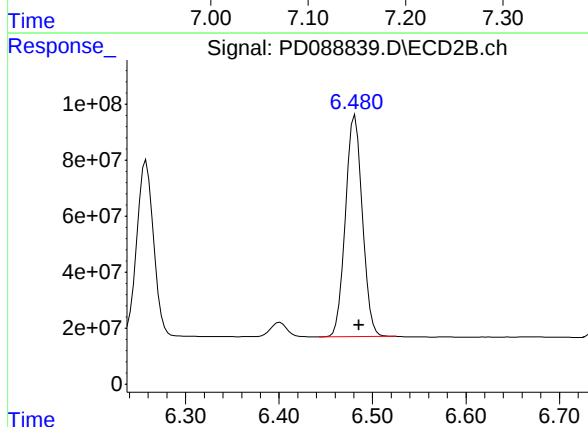
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 200878447
Conc: 62.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

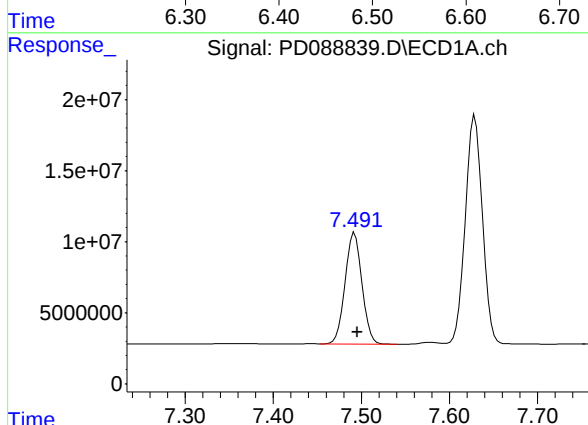
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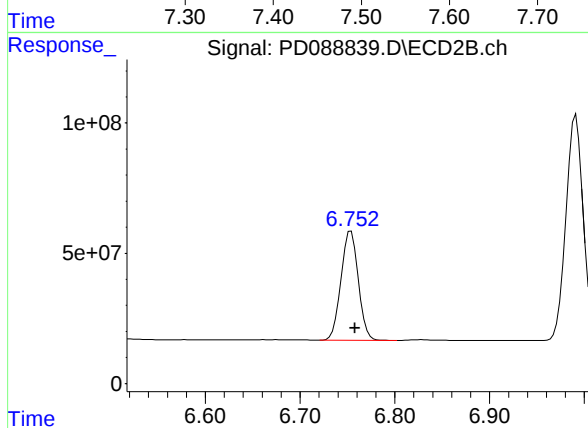
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 996826419
Conc: 56.14 ng/ml



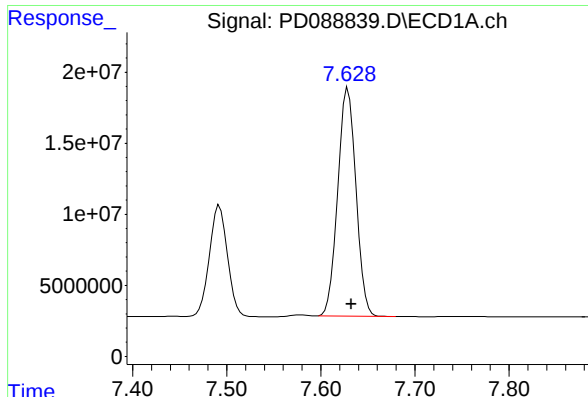
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 104226771
Conc: 62.39 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 529986906
Conc: 55.35 ng/ml



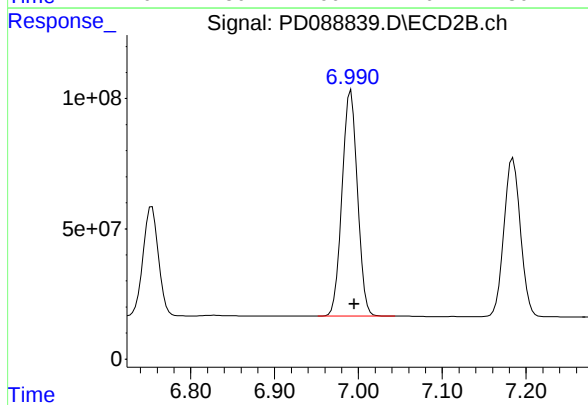
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 216219072
Conc: 63.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

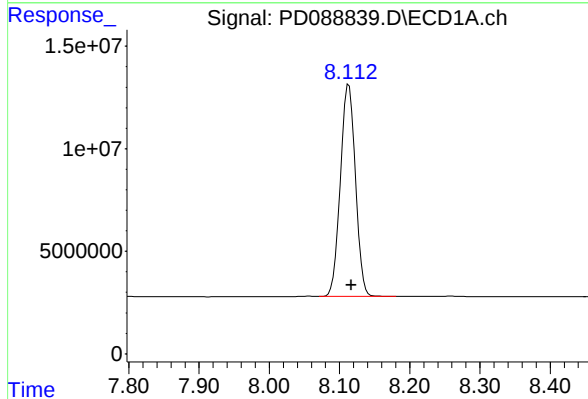
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



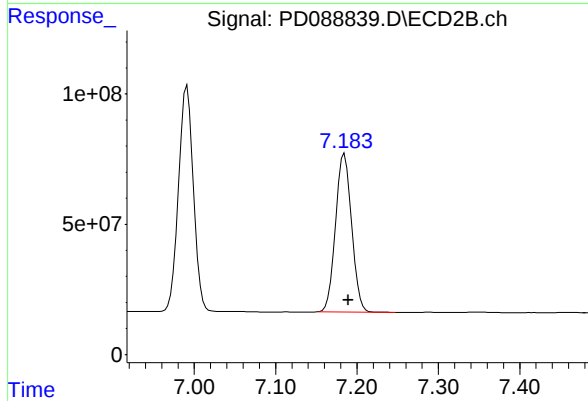
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 1104920040
Conc: 57.11 ng/ml



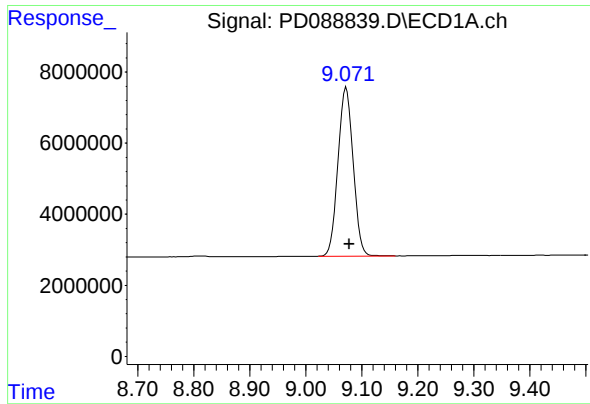
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 153841784
Conc: 59.21 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 832358235
Conc: 54.75 ng/ml



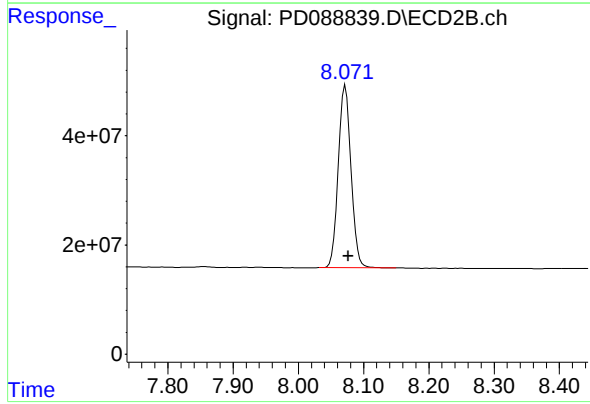
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.005 min
Response: 89449800
Conc: 26.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2025
Supervised By :mohammad ahmed 06/11/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 454191120
Conc: 24.88 ng/ml