

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 19:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:47:38 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...	3.552	2.883	109.4E6	751.2E6	54.782	51.377
28)	SA Decachlor...	9.074	8.076	158.0E6	807.0E6	47.757	43.670
Target Compounds							
2)	A alpha-BHC	4.001	3.396	247.3E6	1186.5E6	57.351	51.899
3)	MA gamma-BHC...	4.332	3.732	235.0E6	1090.0E6	56.123	50.608
4)	MA Heptachlor	4.931	4.086	219.9E6	1054.8E6	54.448	49.292
5)	MB Aldrin	5.273	4.372	221.9E6	1084.1E6	56.173	52.116
6)	B beta-BHC	4.516	4.028	89551442	473.6E6	55.164	51.173
7)	B delta-BHC	4.765	4.265	232.5E6	1097.9E6	56.367	51.637
8)	B Heptachlo...	5.693	4.876	195.5E6	960.1E6	54.689	50.813
9)	A Endosulfan I	6.076	5.250	185.1E6	864.2E6	54.797	47.976
10)	B gamma-Chl...	5.948	5.129	200.3E6	1032.3E6	55.302	50.863
11)	B alpha-Chl...	6.028	5.194	198.3E6	990.5E6	54.925	50.530
12)	B 4,4'-DDE	6.197	5.377	175.8E6	995.0E6	53.305	50.521m
13)	MA Dieldrin	6.349	5.517	196.4E6	1009.0E6	55.041	50.622
14)	MA Endrin	6.576	5.792	159.1E6	912.2E6	53.340	50.112
15)	B Endosulfa...	6.787	6.084	162.8E6	870.6E6	52.084	49.685
16)	A 4,4'-DDD	6.706	5.933	137.7E6	833.6E6	54.758	50.871
17)	MA 4,4'-DDT	7.022	6.187	136.7E6	801.3E6	49.202	47.088
18)	B Endrin al...	6.916	6.262	115.3E6	625.0E6	49.937	46.986
19)	B Endosulfa...	7.151	6.486	150.0E6	834.0E6	52.143	48.675
20)	A Methoxychlor	7.494	6.758	71141819	417.6E6	47.442	45.789
21)	B Endrin ke...	7.631	6.995	158.5E6	890.1E6	51.346	47.589
22)	Mirex	8.115	7.189	116.9E6	695.0E6	49.770	46.892

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 19:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

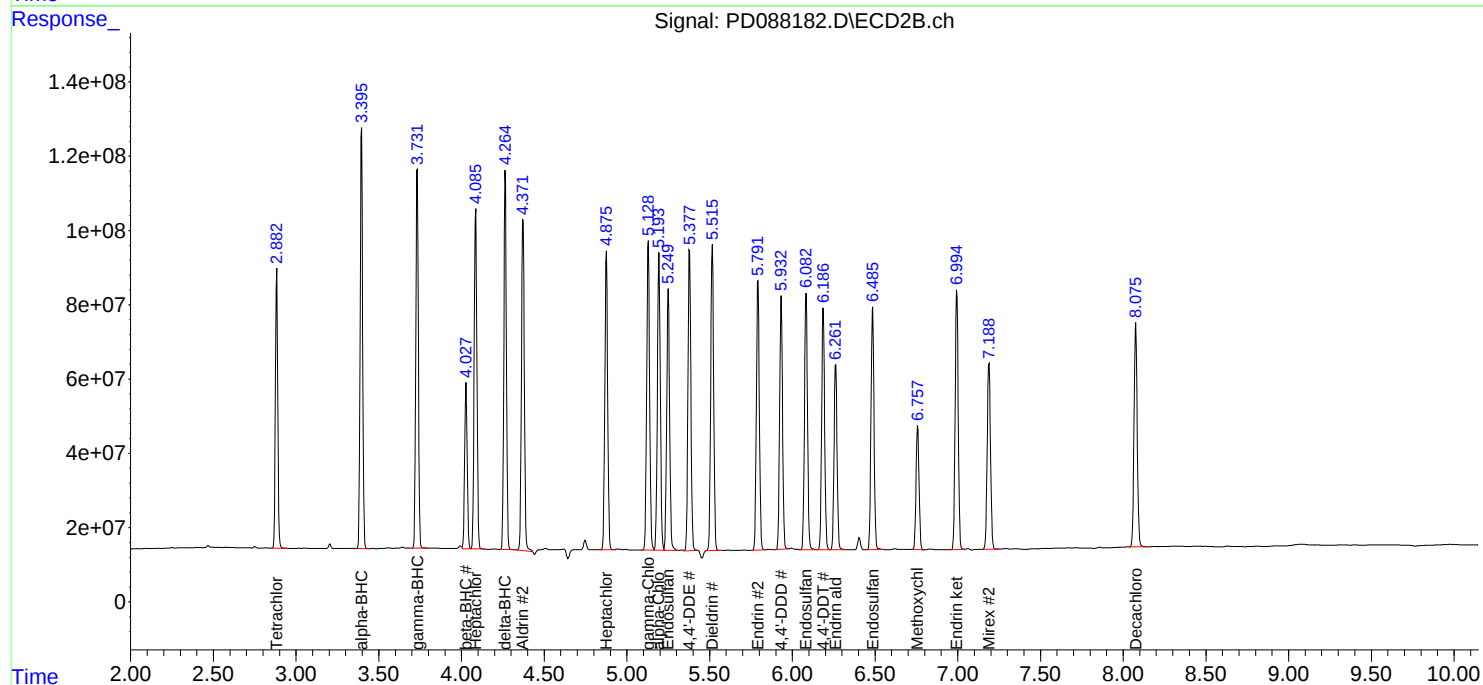
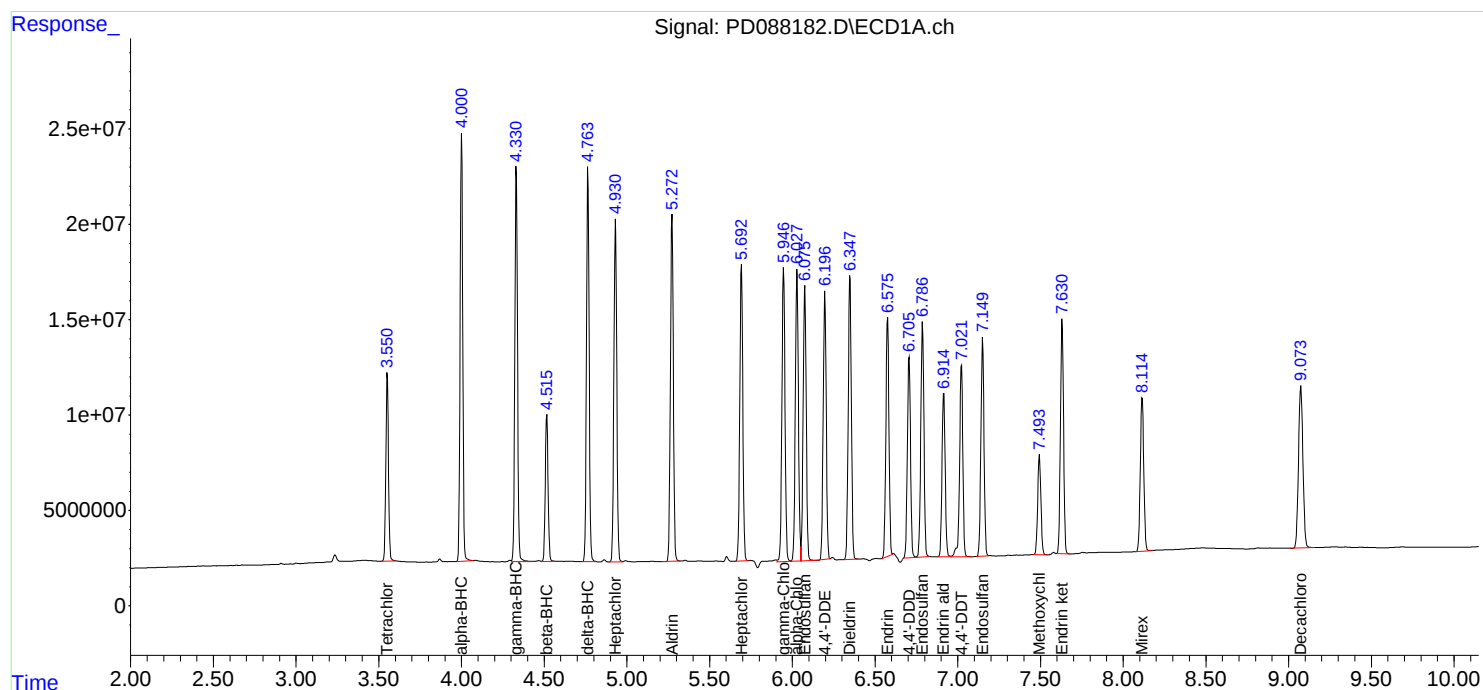
APPROVED

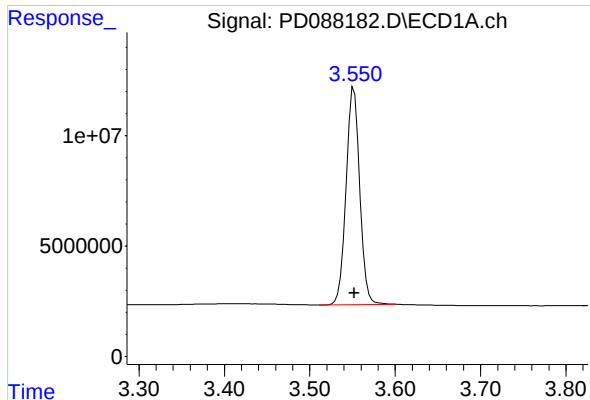
Reviewed By :Abdul Mirza 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:47:38 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





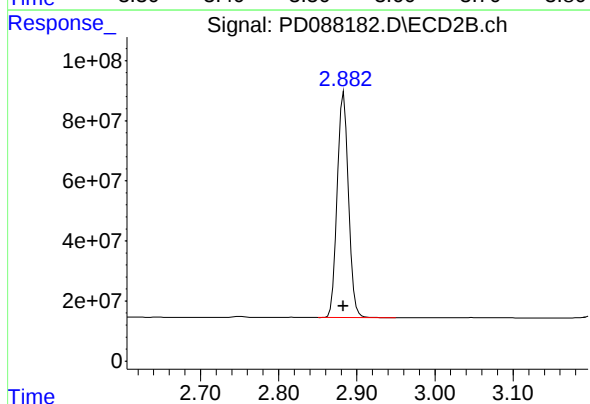
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 109421827
Conc: 54.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

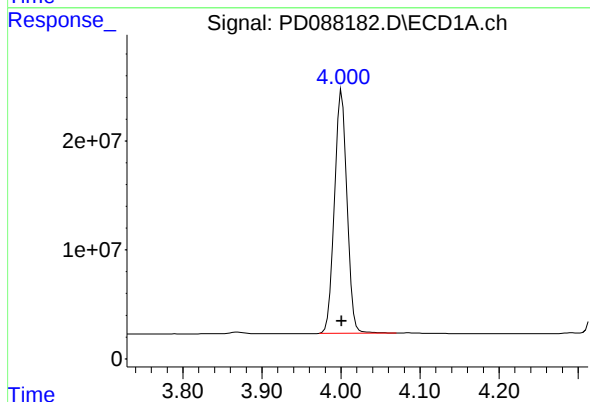
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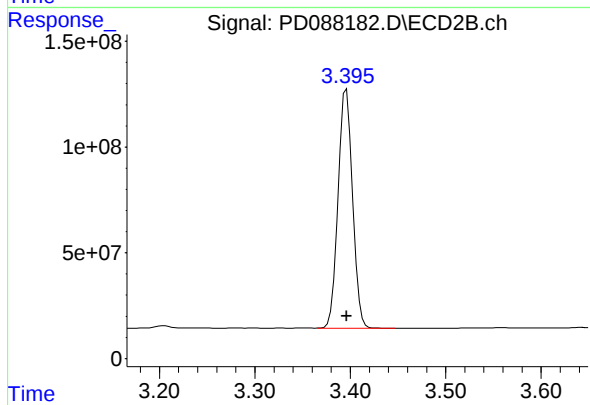
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 751215819
Conc: 51.38 ng/ml



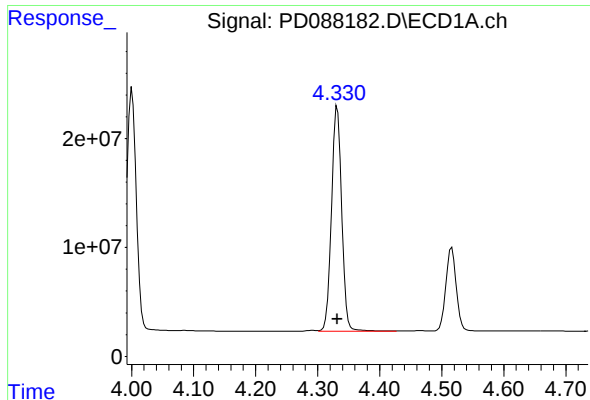
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 247297736
Conc: 57.35 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1186486958
Conc: 51.90 ng/ml



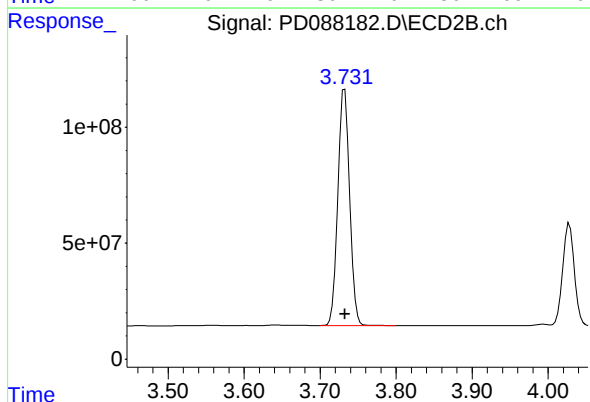
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 235013552
Conc: 56.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

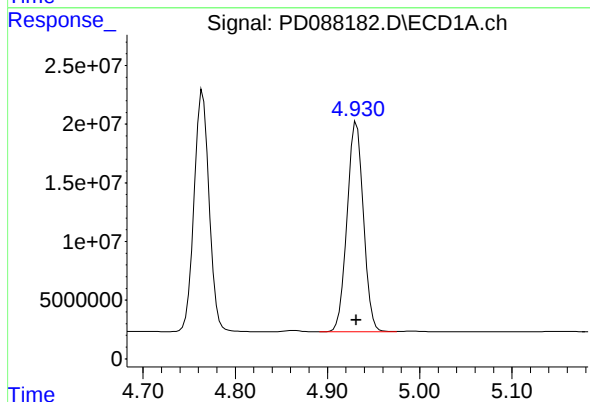
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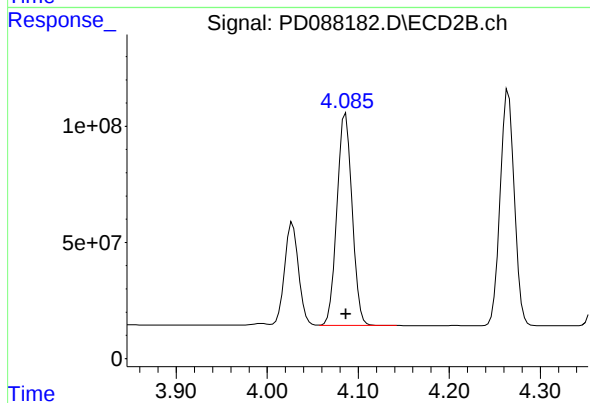
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 1090022225
Conc: 50.61 ng/ml



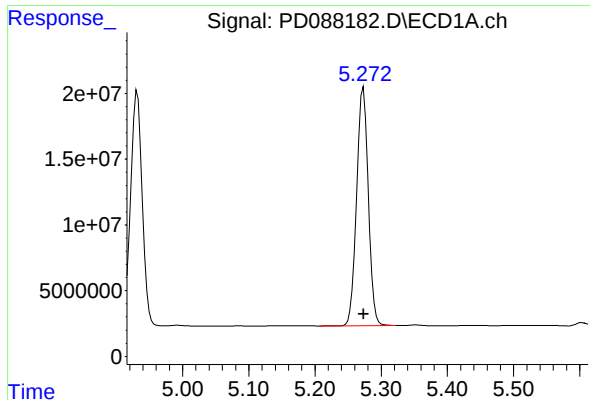
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 219911625
Conc: 54.45 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 1054759229
Conc: 49.29 ng/ml



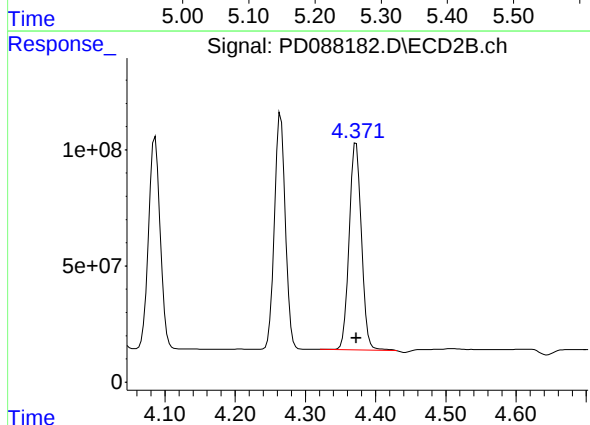
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 221861271
Conc: 56.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

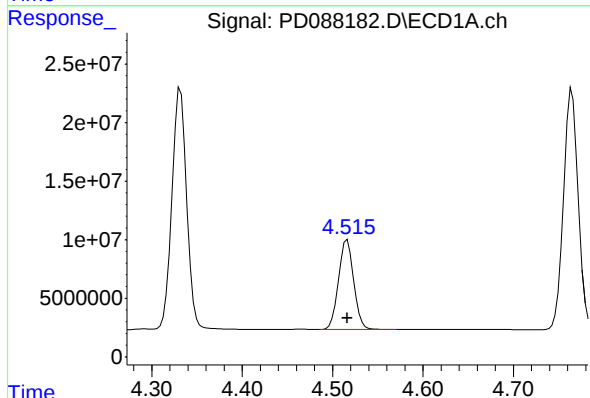
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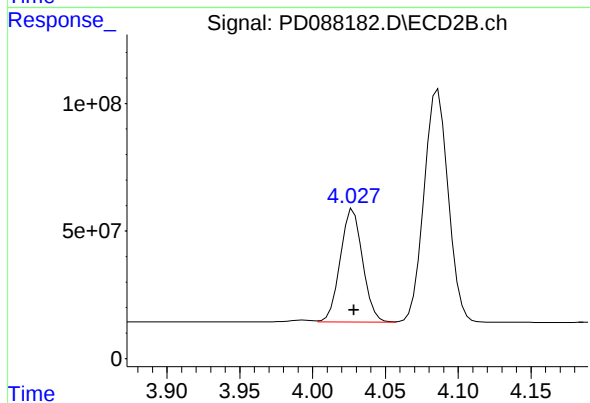
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 1084149404
Conc: 52.12 ng/ml



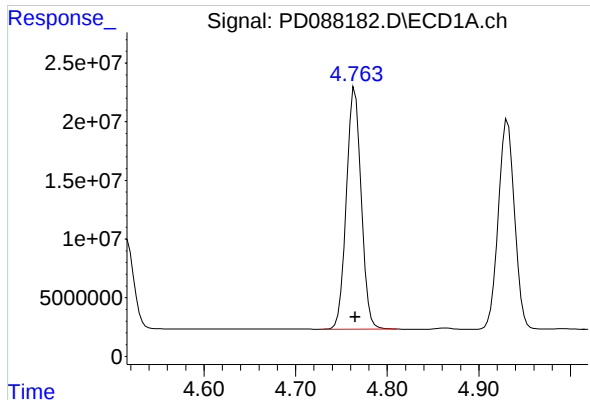
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 89551442
Conc: 55.16 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 473562921
Conc: 51.17 ng/ml



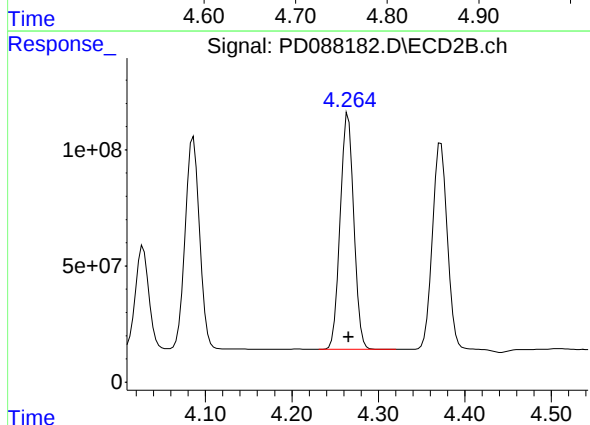
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 232511682
Conc: 56.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

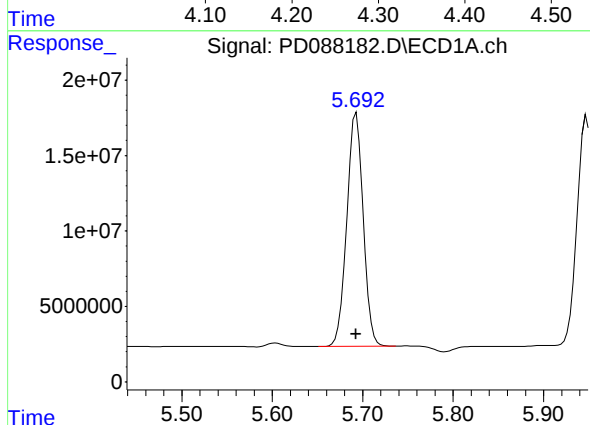
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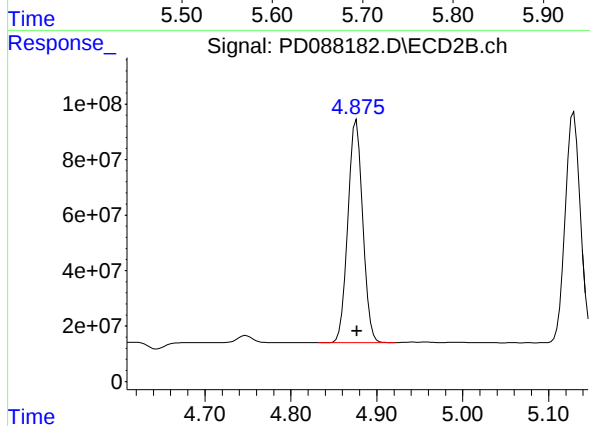
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1097887231
Conc: 51.64 ng/ml



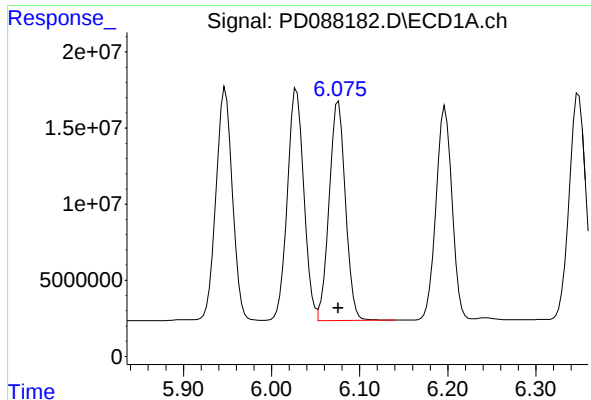
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 195455322
Conc: 54.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 960069261
Conc: 50.81 ng/ml



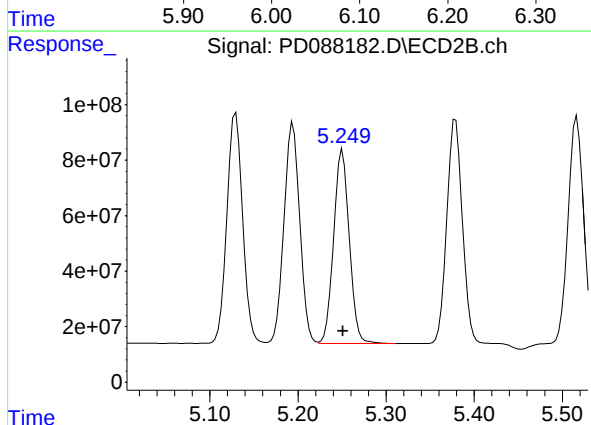
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 185058809
Conc: 54.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

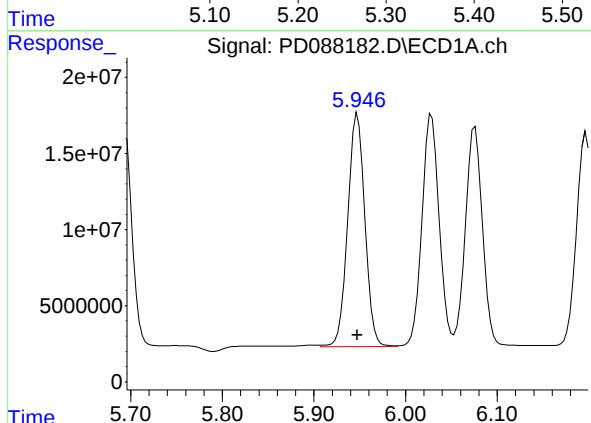
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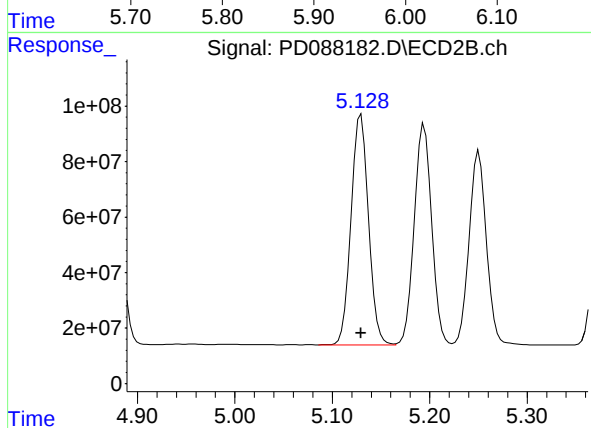
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 864163254
Conc: 47.98 ng/ml



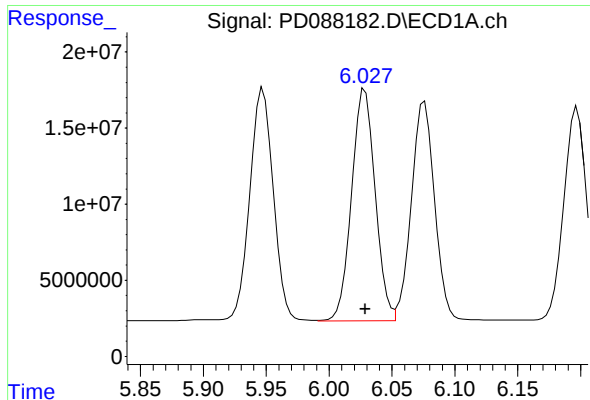
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 200305588
Conc: 55.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1032312604
Conc: 50.86 ng/ml



#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 198255938
Conc: 54.92 ng/ml

Instrument :

ECD_D

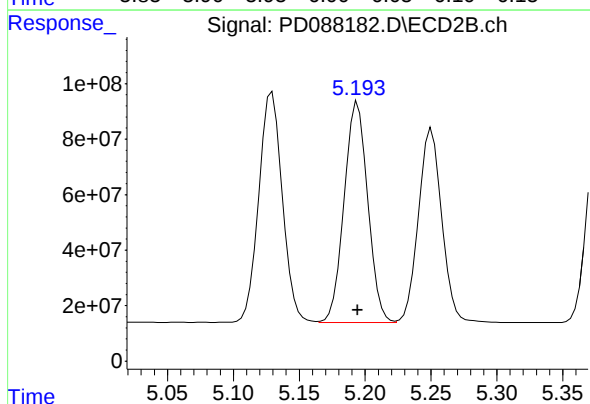
ClientSampleId :

PSTDCCC050

Manual Integrations

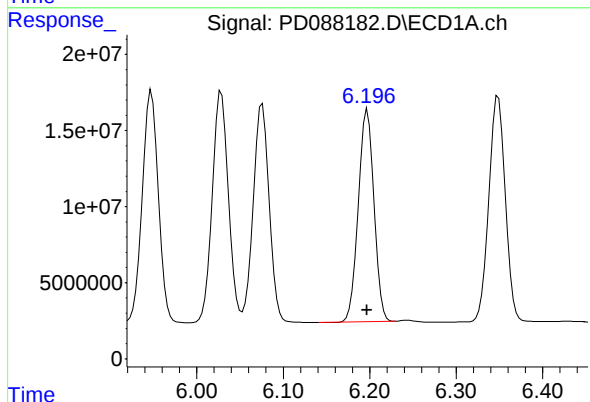
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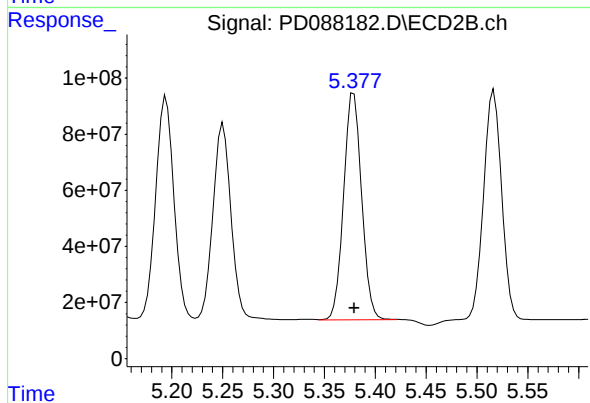
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 990537952
Conc: 50.53 ng/ml



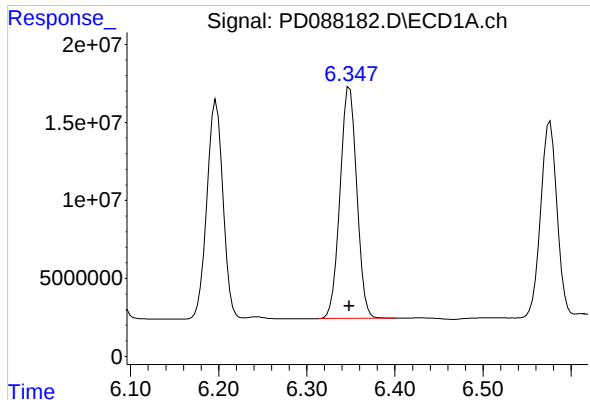
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 175812558
Conc: 53.30 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 994953530
Conc: 50.52 ng/ml m



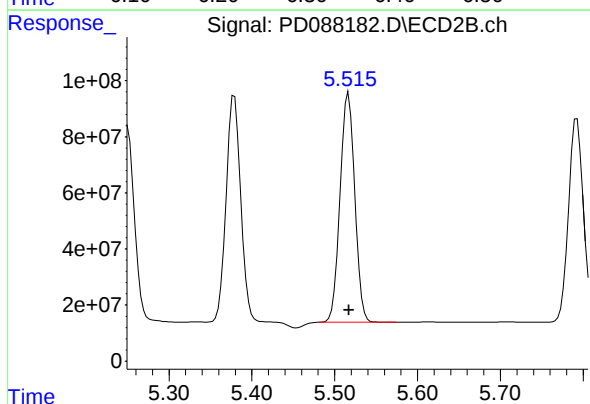
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 196414512
Conc: 55.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

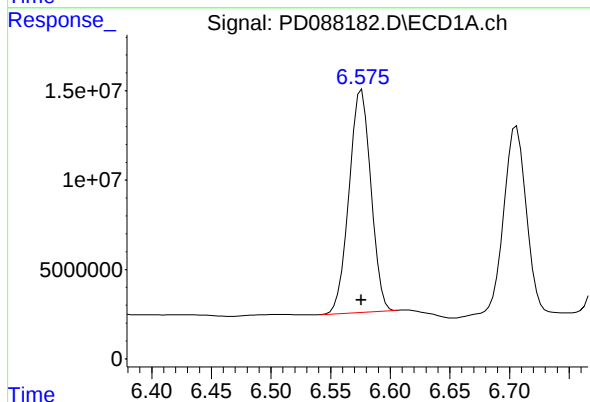
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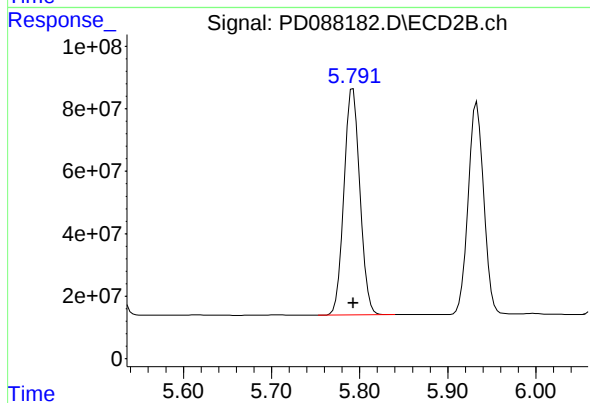
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 1009034774
Conc: 50.62 ng/ml



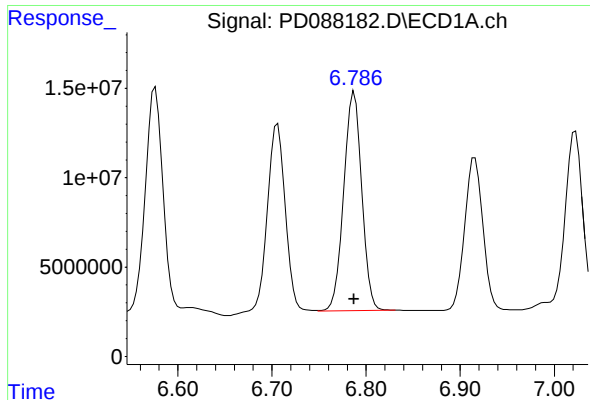
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 159089618
Conc: 53.34 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 912164460
Conc: 50.11 ng/ml



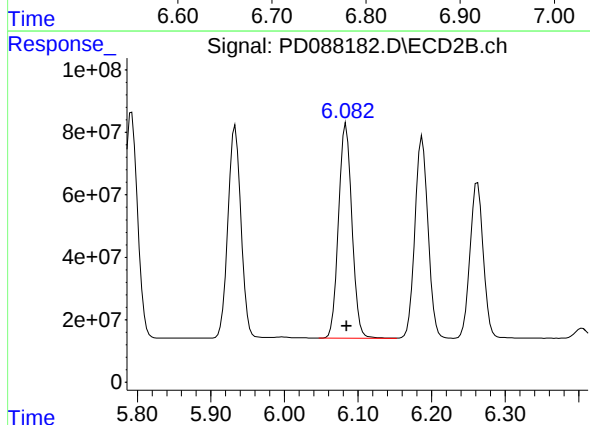
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 162825549
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

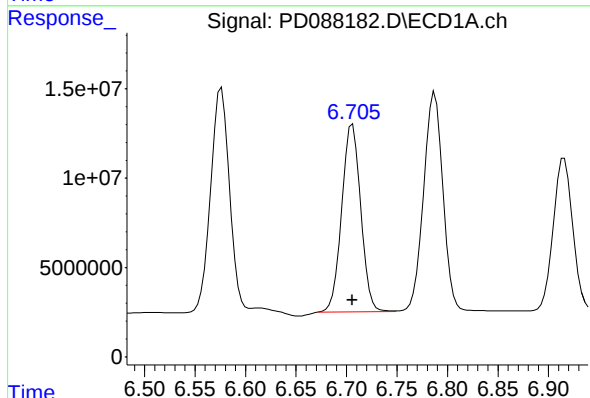
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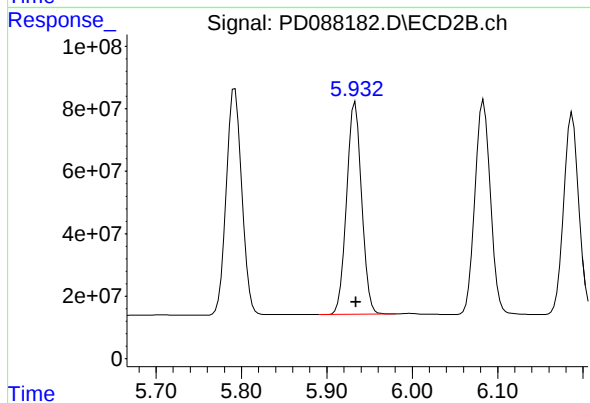
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 870566551
Conc: 49.69 ng/ml



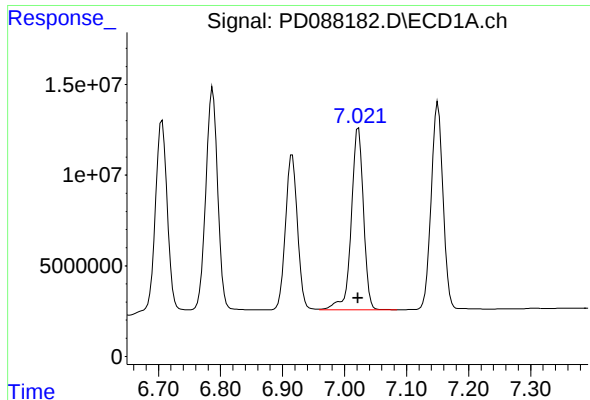
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 137713347
Conc: 54.76 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 833576632
Conc: 50.87 ng/ml



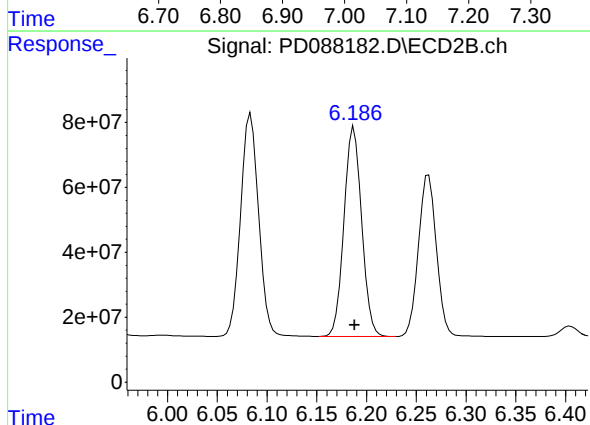
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 136661644
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

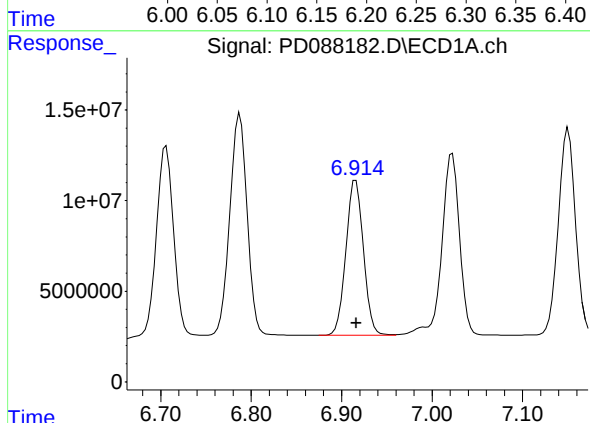
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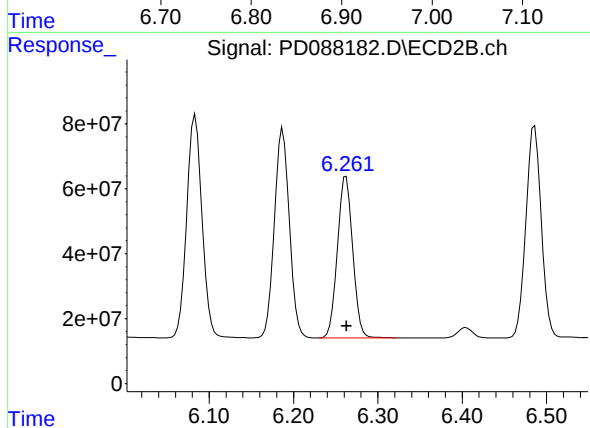
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 801268806
Conc: 47.09 ng/ml



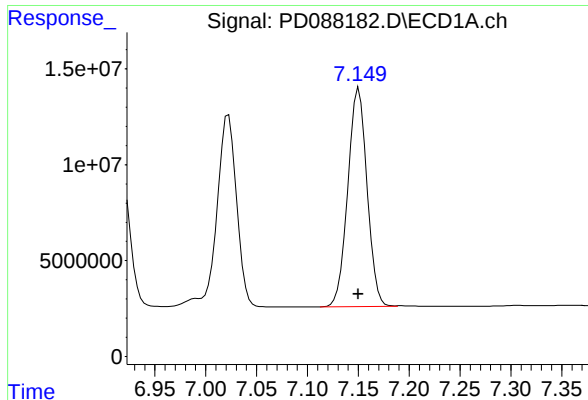
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 115254294
Conc: 49.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 624962861
Conc: 46.99 ng/ml



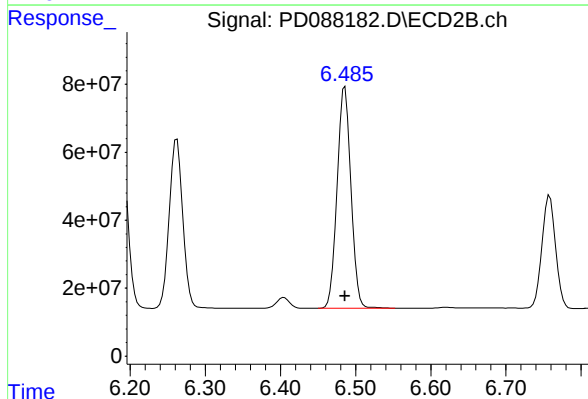
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 149955040
Conc: 52.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

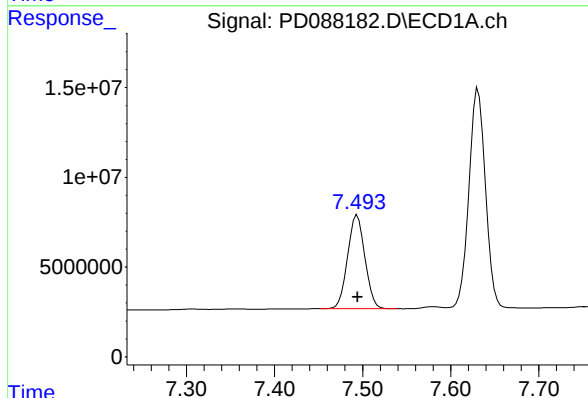
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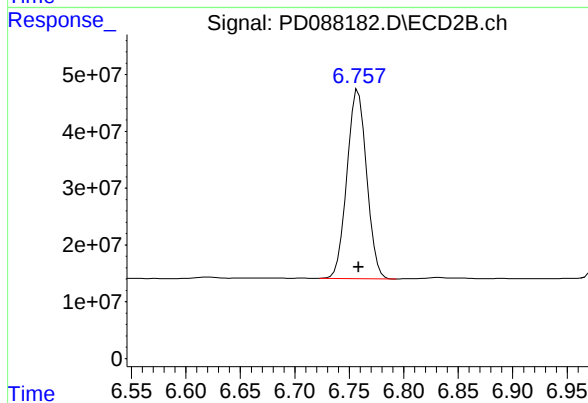
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 833962149
Conc: 48.68 ng/ml



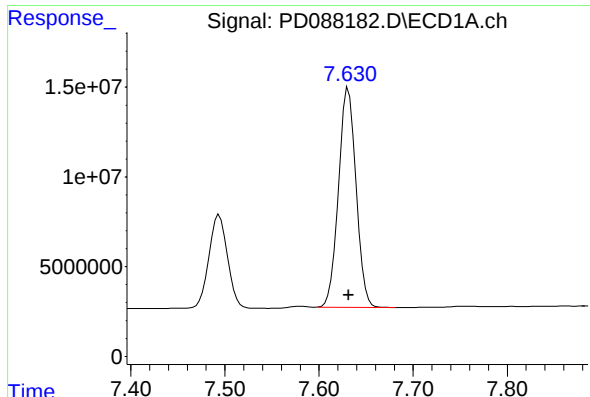
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 71141819
Conc: 47.44 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 417645551
Conc: 45.79 ng/ml



#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 158483254
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#21 Endrin ketone

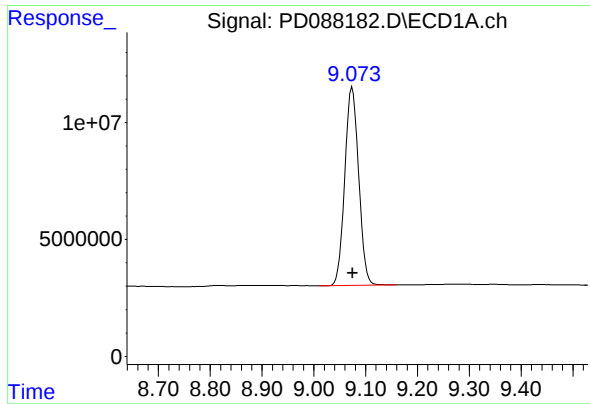
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 890101250
Conc: 47.59 ng/ml

#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 116876996
Conc: 49.77 ng/ml

#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 694981960
Conc: 46.89 ng/ml



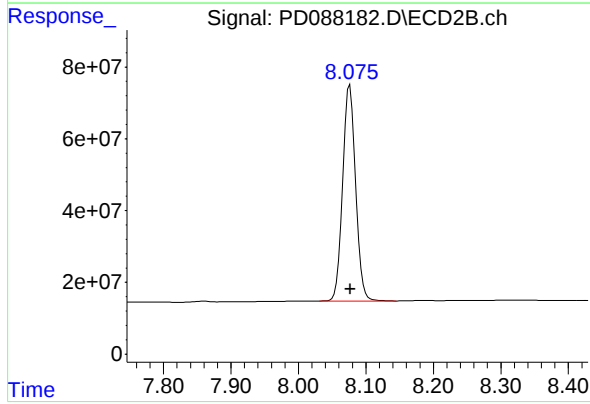
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 157986133
Conc: 47.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2025
Supervised By :mohammad ahmed 04/23/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 806995642
Conc: 43.67 ng/ml