

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 18:56
 Operator : AR\AJ
 Sample : Q1832-06MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-01MS

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 22:46:54 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...	3.551	2.884	36935935	248.2E6	18.492m	16.974
2) SA Decachlor...	9.074	8.077	60738218	290.0E6	18.360	15.691
Target Compounds						
2) A alpha-BHC	4.001	3.396	464.9E6	2012.1E6	107.814	88.011
3) MA gamma-BHC...	4.332	3.733	439.9E6	1852.4E6	105.040	86.005
4) MA Heptachlor	4.931	4.086	395.6E6	1713.1E6	97.938	80.057
5) MB Aldrin	5.273	4.373	384.2E6	1706.2E6	97.284	82.020
6) B beta-BHC	4.516	4.028	157.0E6	791.5E6	96.684	85.535
7) B delta-BHC	4.765	4.265	446.8E6	1865.9E6	108.309	87.759
8) B Heptachlo...	5.692	4.877	359.0E6	1604.6E6	100.453	84.927
9) A Endosulfan I	6.076	5.251	335.4E6	1509.9E6	99.329	83.823
10) B gamma-Chl...	5.948	5.129	361.2E6	1730.0E6	99.734	85.237
11) B alpha-Chl...	6.028	5.194	355.2E6	1658.3E6	98.403	84.598
12) B 4,4'-DDE	6.197	5.379	327.0E6	1648.6E6	99.135	83.713
13) MA Dieldrin	6.349	5.516	365.1E6	1685.5E6	102.303	84.559
14) MA Endrin	6.576	5.793	301.4E6	1534.6E6	101.065	84.306
15) B Endosulfa...	6.787	6.084	299.1E6	1453.4E6	95.672	82.952
16) A 4,4'-DDD	6.706	5.933	254.4E6	1391.9E6	101.162	84.946
17) MA 4,4'-DDT	7.022	6.187	254.8E6	1366.6E6	91.730	80.310
18) B Endrin al...	6.916	6.262	221.9E6	1092.6E6	96.128	82.146
19) B Endosulfa...	7.151	6.485	278.6E6	1393.8E6	96.873	81.349
20) A Methoxychlor	7.494	6.758	129.3E6	688.0E6	86.216	75.425
21) B Endrin ke...	7.631	6.995	294.8E6	1468.3E6	95.523	78.500
22) Mirex	8.115	7.189	201.2E6	1098.7E6	85.672	74.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 18:56
Operator : AR\AJ
Sample : Q1832-06MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

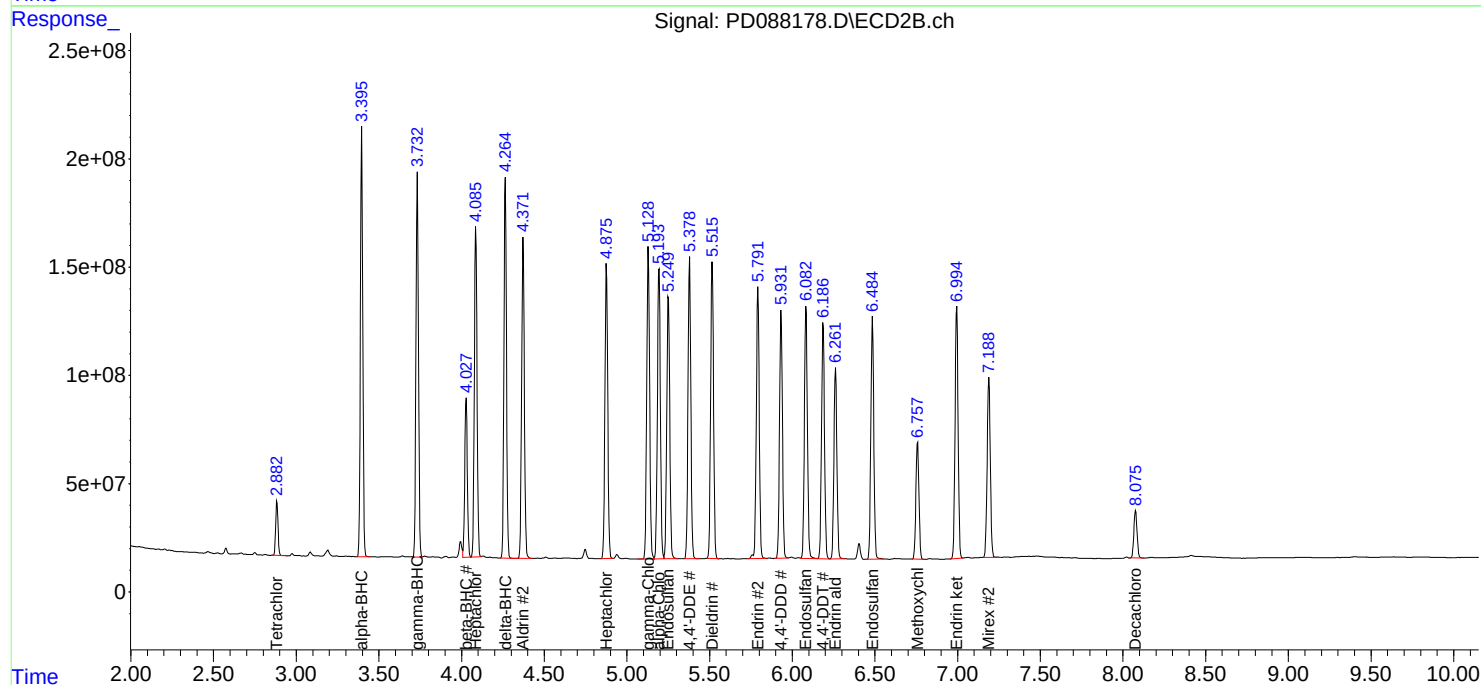
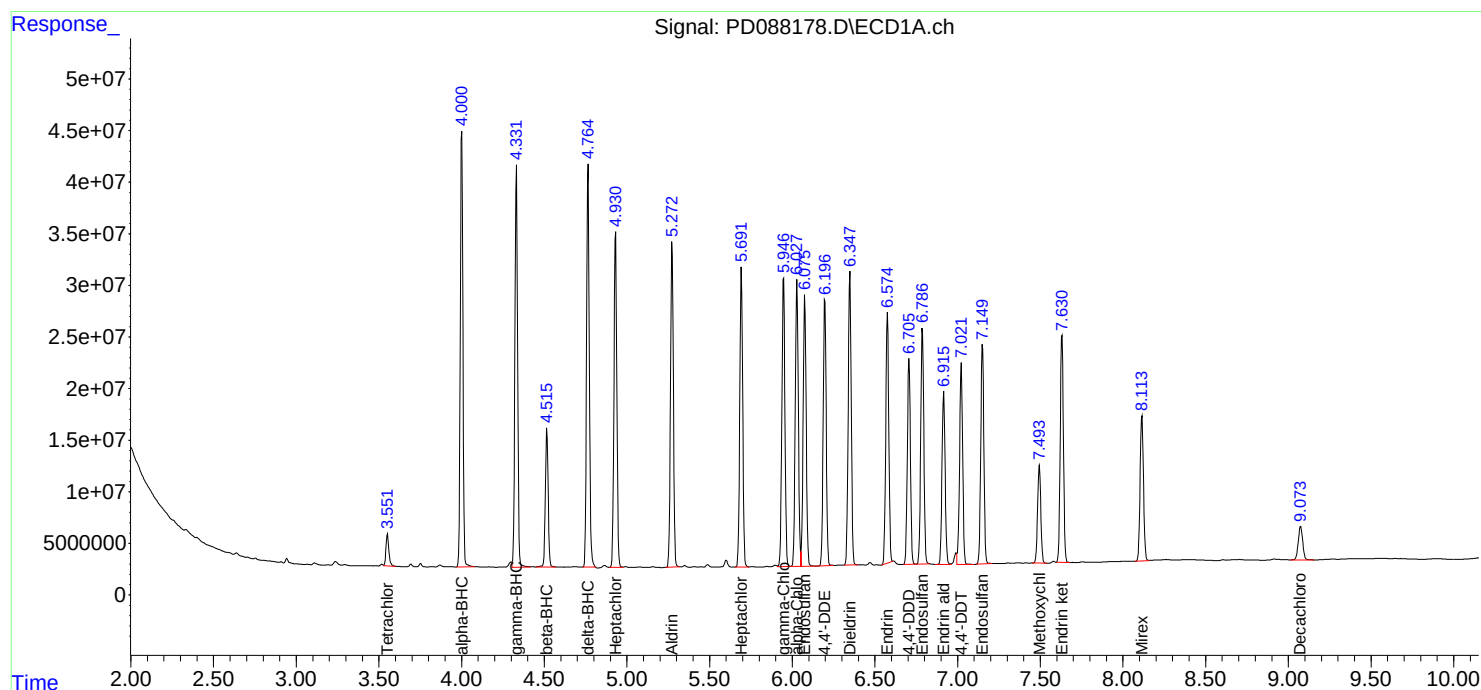
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

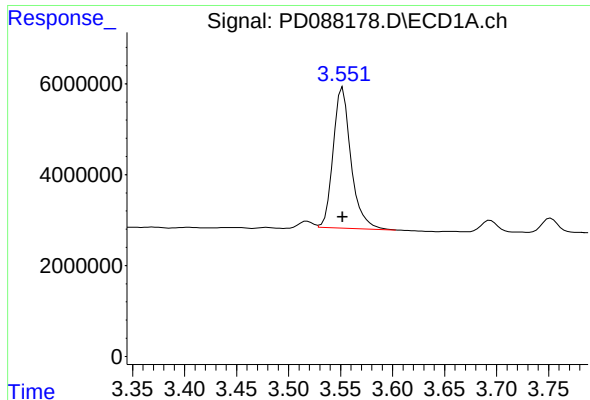
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:46:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





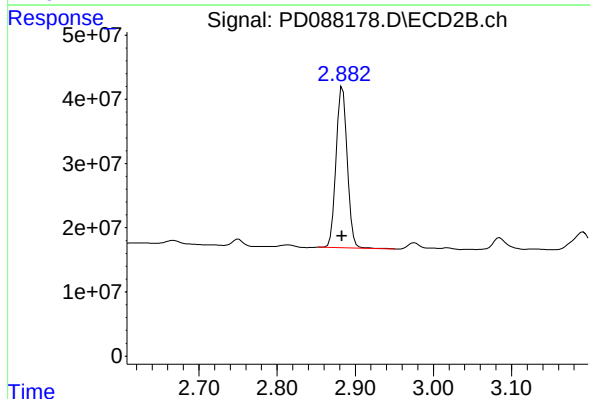
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 36935935
Conc: 18.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

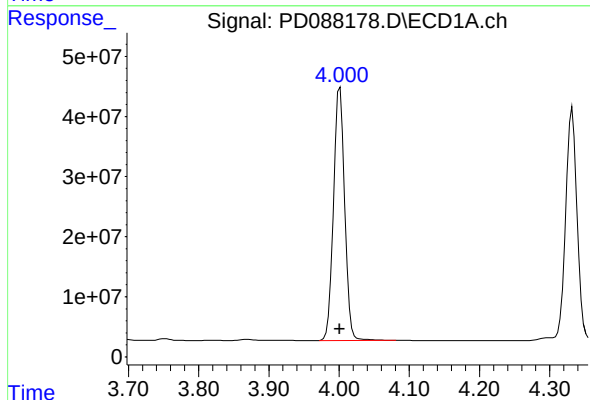
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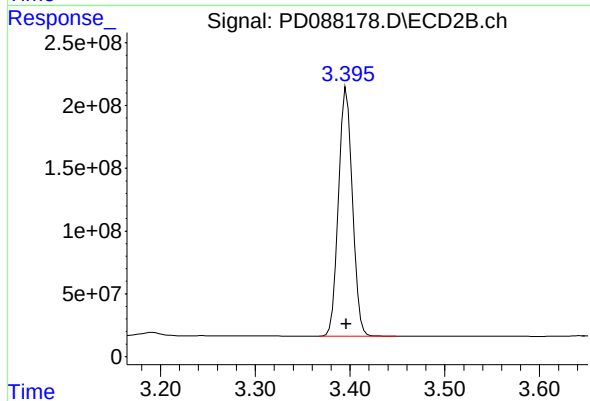
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 248181968
Conc: 16.97 ng/ml



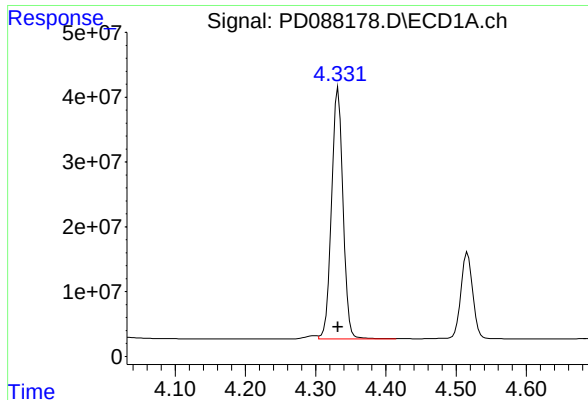
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 464893209
Conc: 107.81 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 2012054829
Conc: 88.01 ng/ml



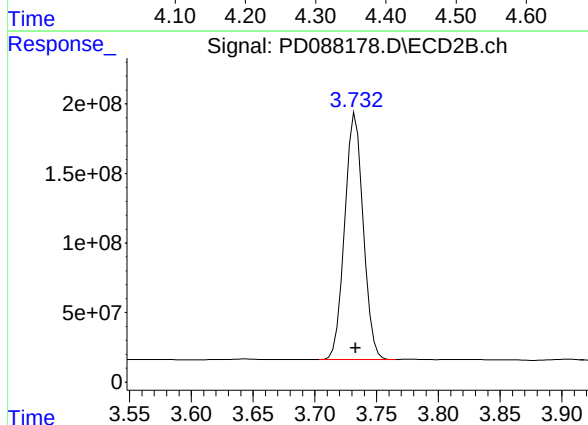
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 439854127
Conc: 105.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

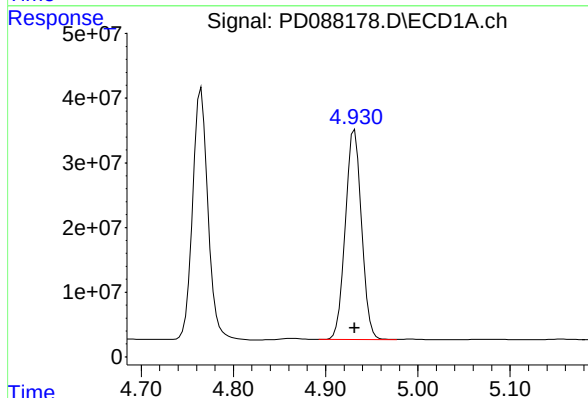
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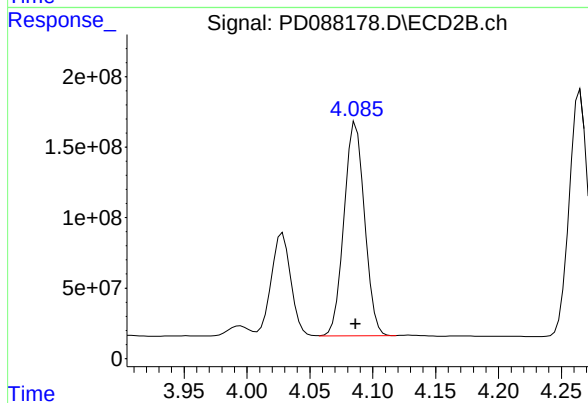
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1852431370
Conc: 86.00 ng/ml



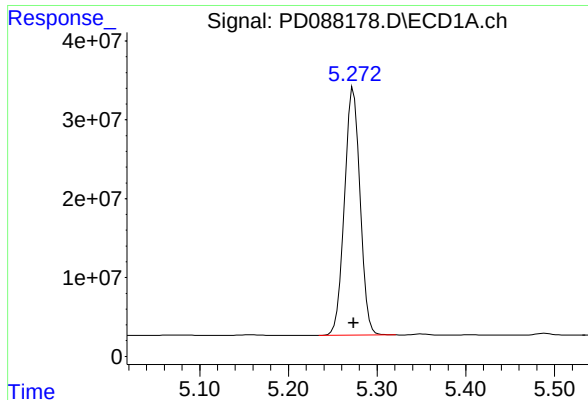
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 395567514
Conc: 97.94 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 1713079631
Conc: 80.06 ng/ml



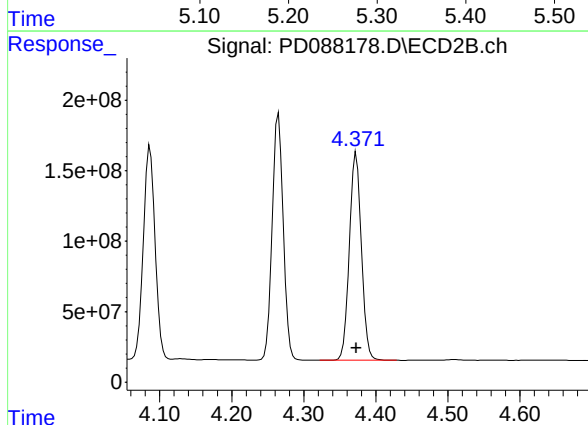
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 384232422
Conc: 97.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

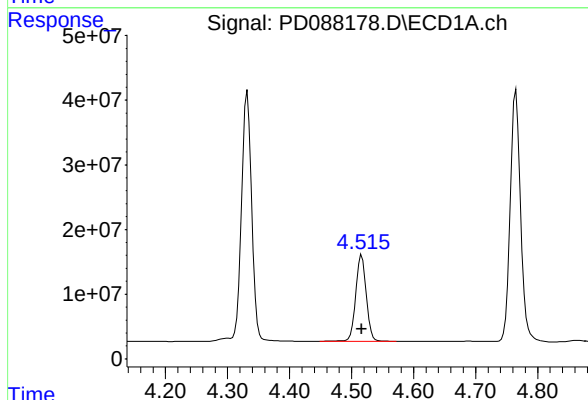
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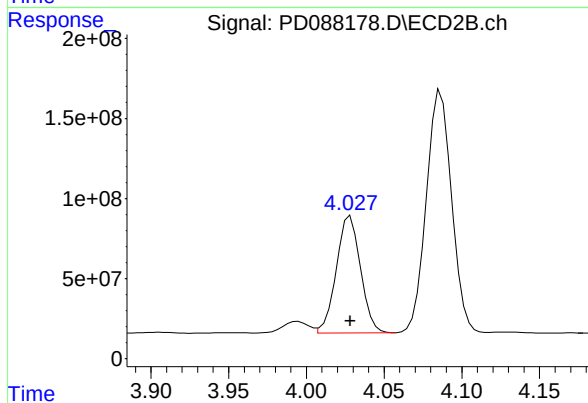
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 1706235141
Conc: 82.02 ng/ml



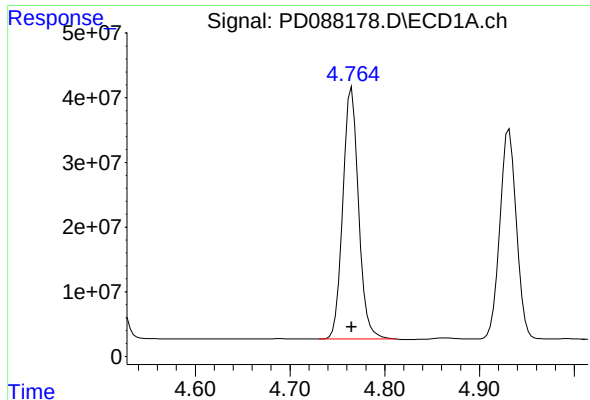
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 156954789
Conc: 96.68 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 791548865
Conc: 85.53 ng/ml



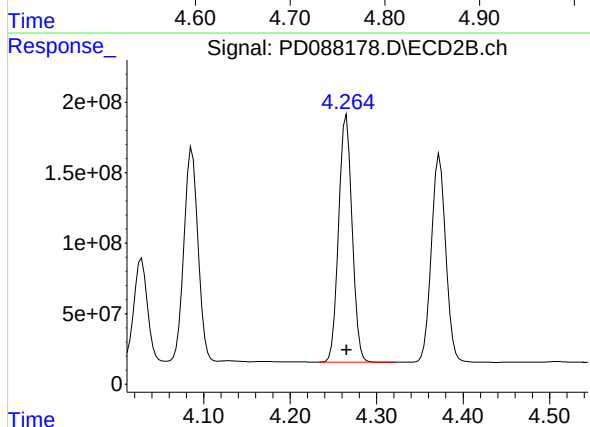
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 446770187
Conc: 108.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

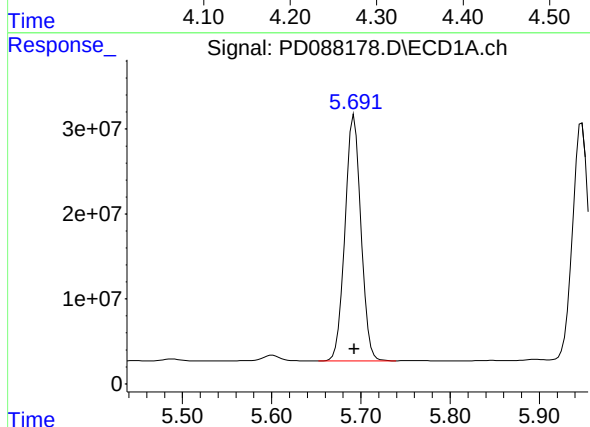
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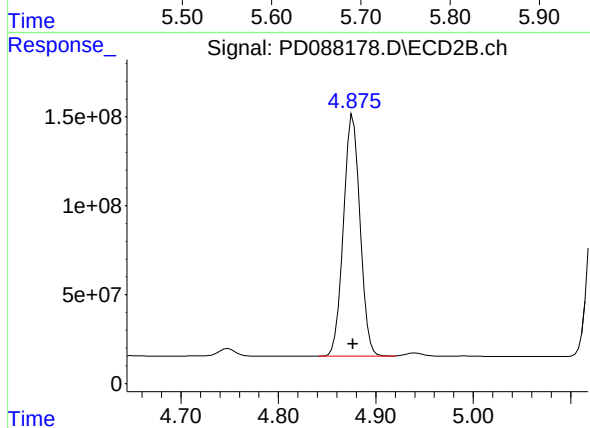
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1865884943
Conc: 87.76 ng/ml



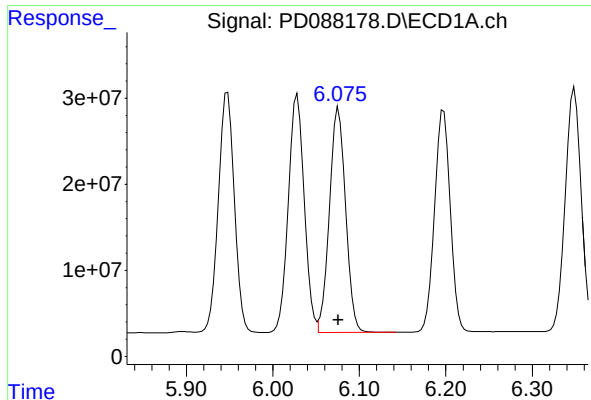
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 359014034
Conc: 100.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 1604636298
Conc: 84.93 ng/ml



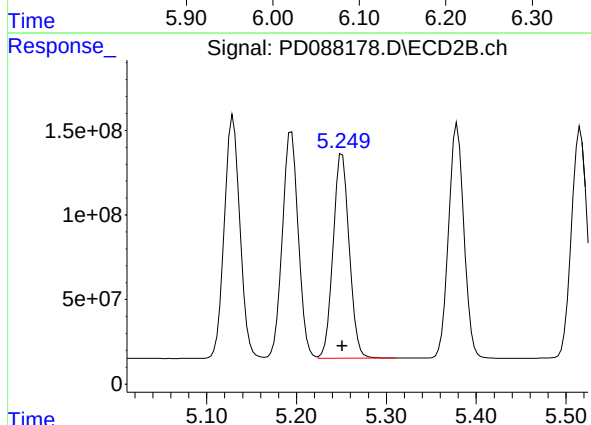
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 335448094
Conc: 99.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

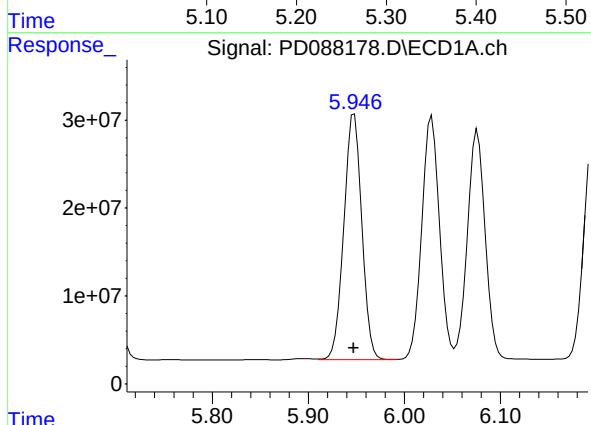
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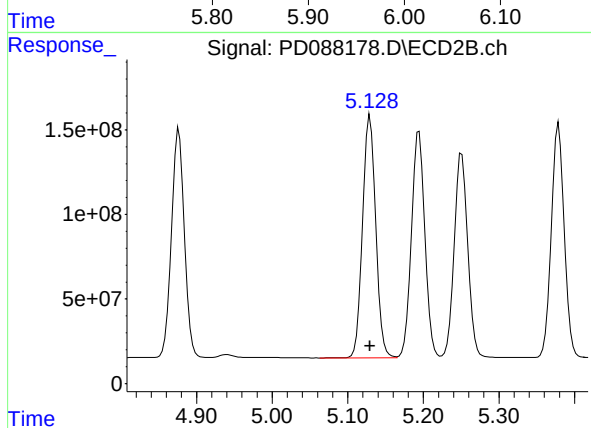
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 1509856437
Conc: 83.82 ng/ml



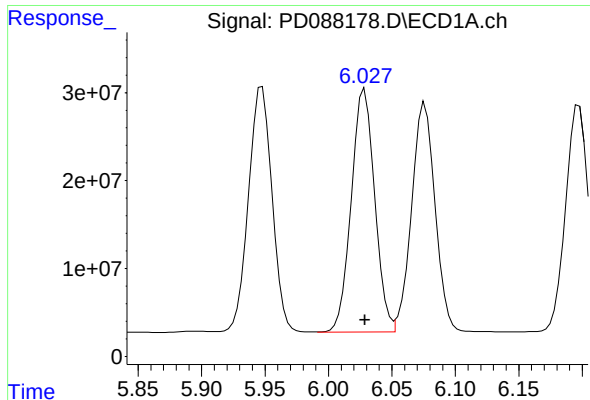
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 361242919
Conc: 99.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1729971172
Conc: 85.24 ng/ml



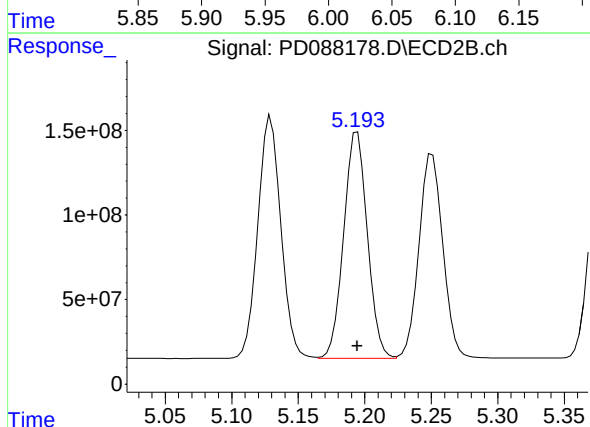
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 355194697
Conc: 98.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

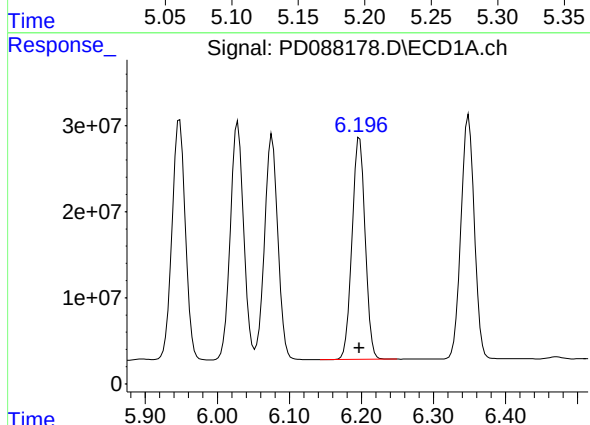
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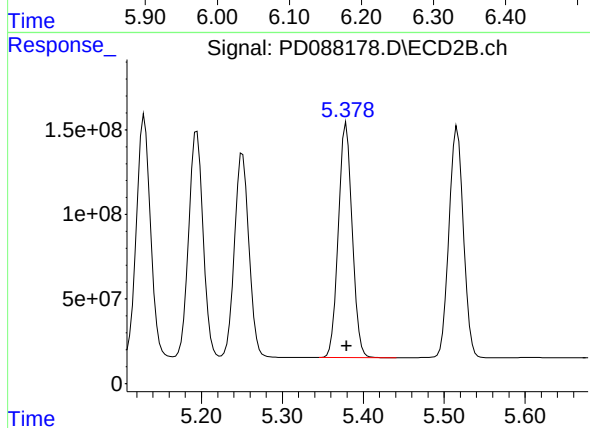
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 1658346876
Conc: 84.60 ng/ml



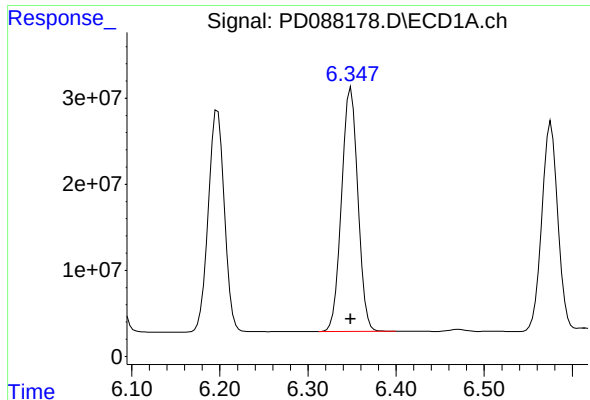
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 326971647
Conc: 99.13 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 1648636831
Conc: 83.71 ng/ml



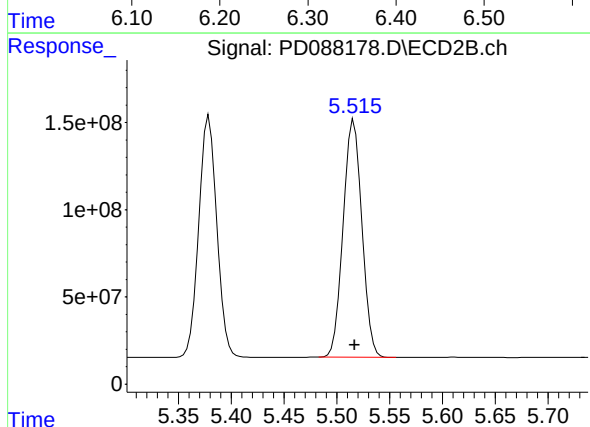
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 365067651
Conc: 102.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

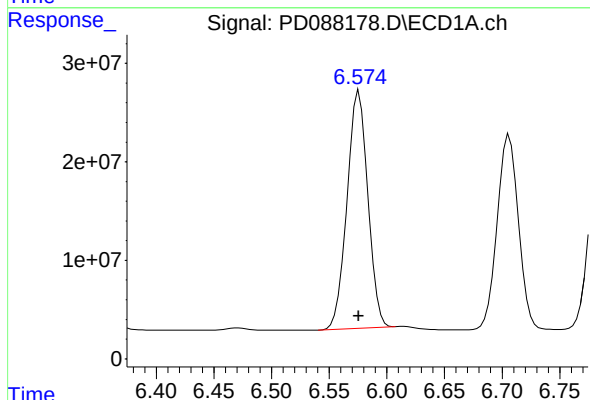
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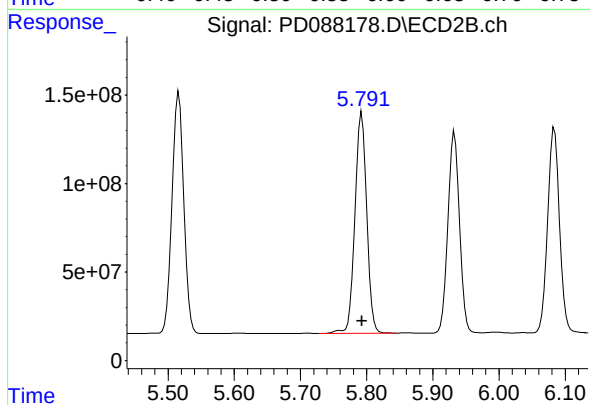
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1685499052
Conc: 84.56 ng/ml



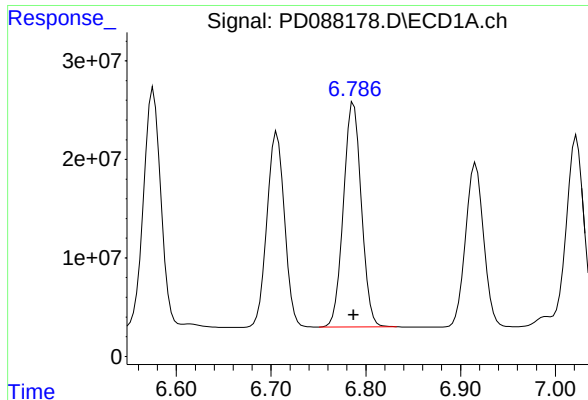
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 301431810
Conc: 101.06 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 1534558106
Conc: 84.31 ng/ml



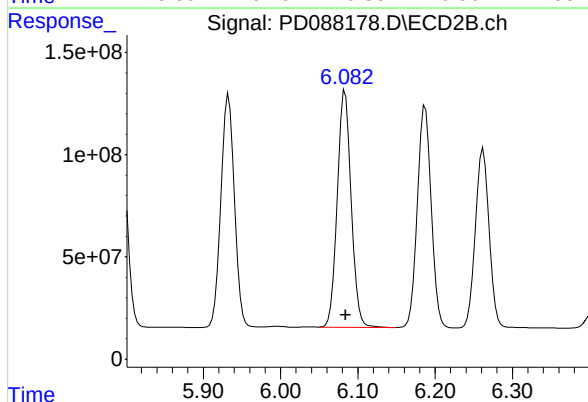
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 299090367
Conc: 95.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

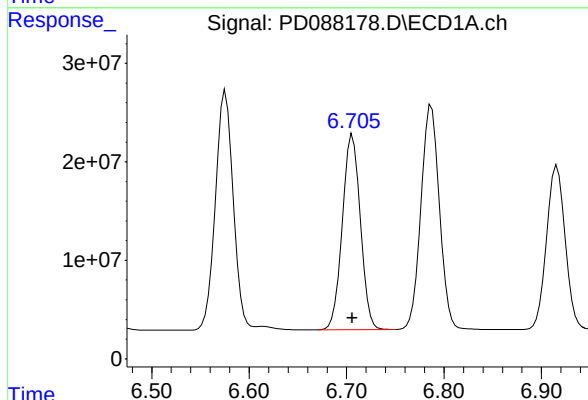
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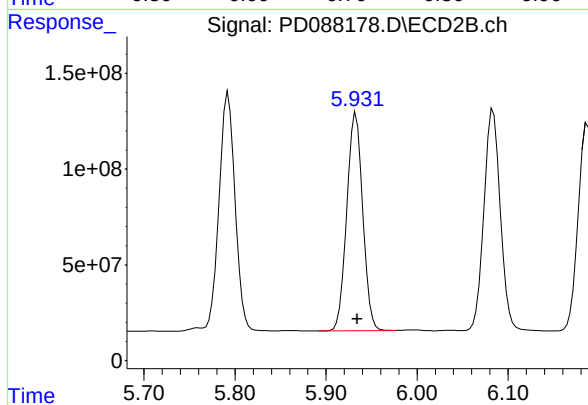
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 1453448578
Conc: 82.95 ng/ml



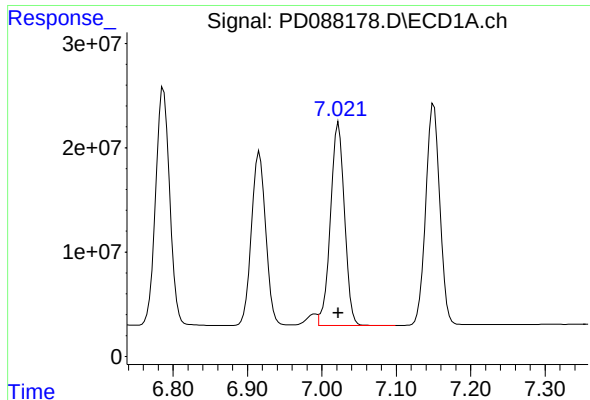
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 254418637
Conc: 101.16 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 1391939808
Conc: 84.95 ng/ml



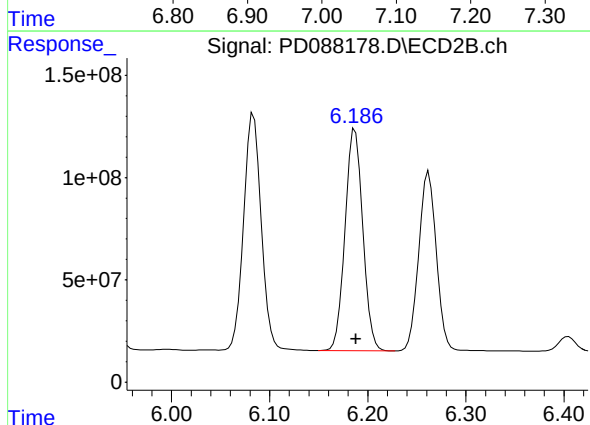
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 254784781
Conc: 91.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

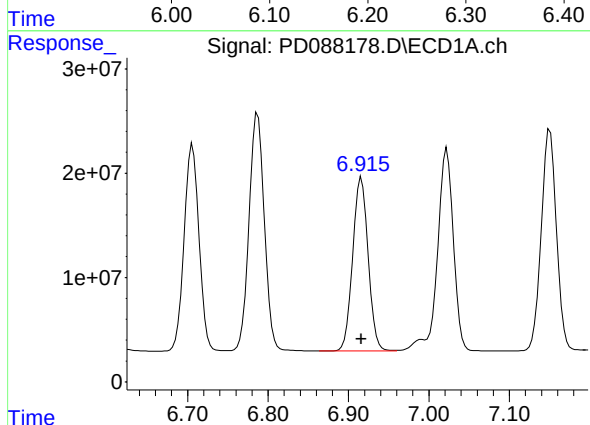
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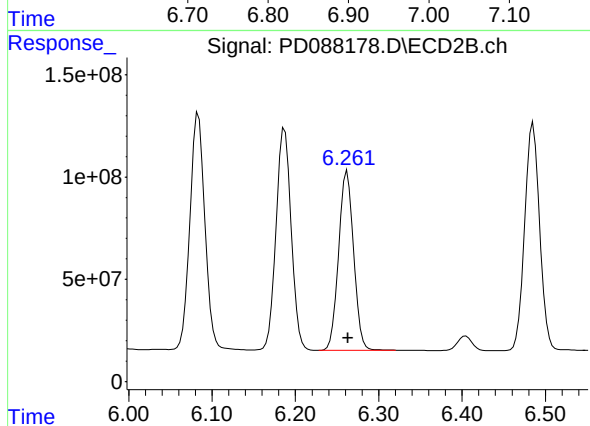
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 1366590541
Conc: 80.31 ng/ml



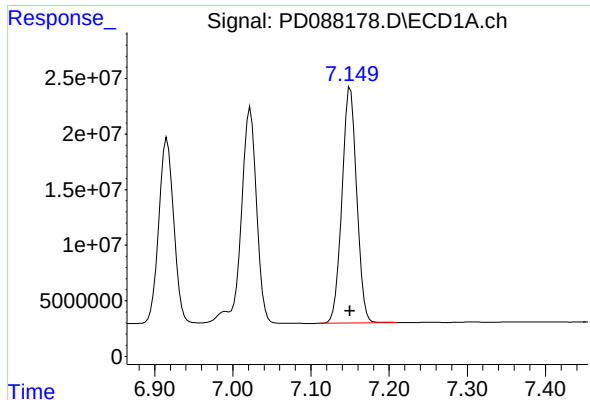
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 221862888
Conc: 96.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 1092626755
Conc: 82.15 ng/ml



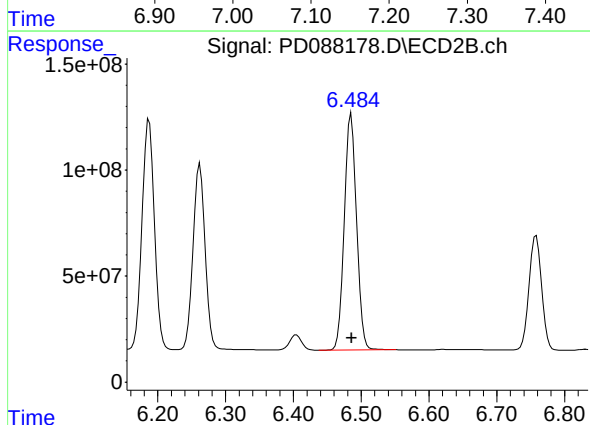
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 278591655
Conc: 96.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

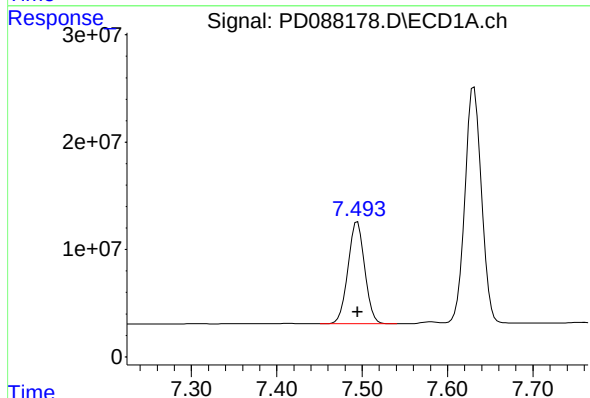
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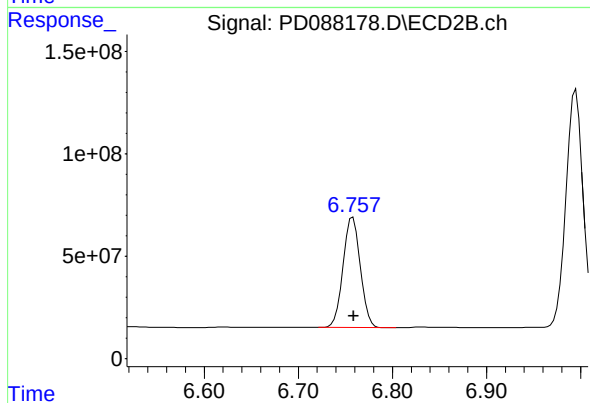
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 1393778648
Conc: 81.35 ng/ml



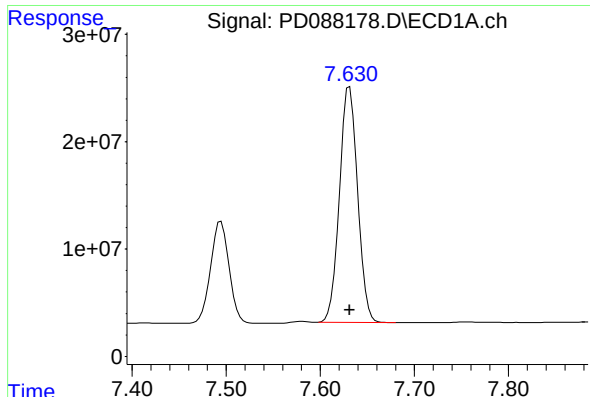
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 129284981
Conc: 86.22 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 687959090
Conc: 75.43 ng/ml



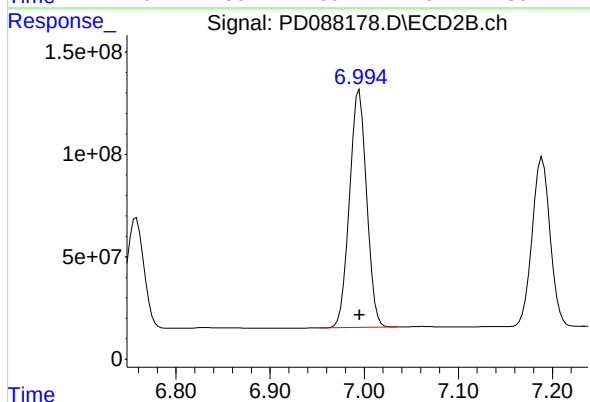
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 294839895
Conc: 95.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

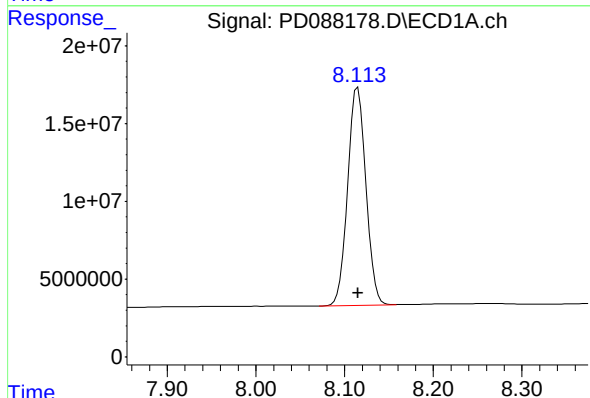
Manual Integrations
APPROVED

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



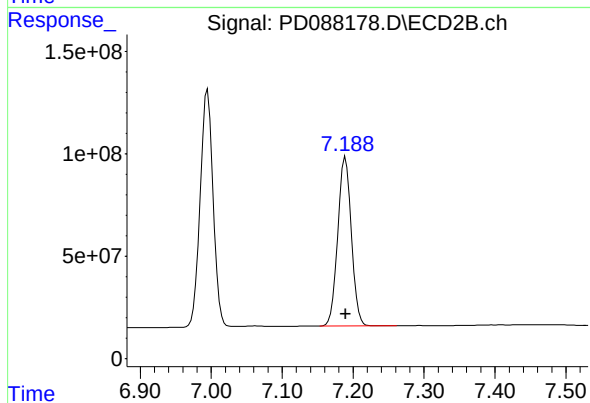
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1468273344
Conc: 78.50 ng/ml



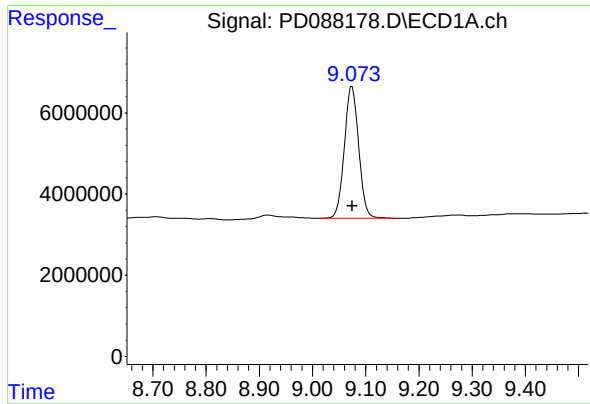
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 201186499
Conc: 85.67 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 1098739419
Conc: 74.13 ng/ml



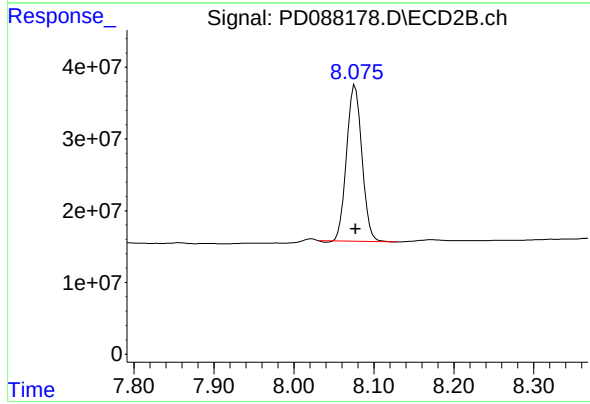
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 60738218
Conc: 18.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 289955236
Conc: 15.69 ng/ml