

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 13:29
 Operator : AR\AJ
 Sample : Q1832-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-02MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2025
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:17:53 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	30849308	243.0E6	15.445	16.619
2) SA Decachlor...	9.086	8.076	53261855	218.2E6	16.100	11.808 #
Target Compounds						
2) A alpha-BHC	4.002	3.396	190.3E6	954.3E6	44.140	41.745
3) MA gamma-BHC...	4.333	3.733	192.1E6	869.6E6	45.878	40.373
4) MA Heptachlor	4.932	4.085	173.3E6	831.8E6	42.901	38.873m
5) MB Aldrin	5.274	4.371	169.9E6	827.8E6	43.014	39.791m
6) B beta-BHC	4.516	4.027	50550387	380.6E6	31.139m	41.129m#
7) B delta-BHC	4.765	4.265	196.7E6	865.5E6	47.677m	40.706
8) B Heptachlo...	5.694	4.877	145.9E6	756.0E6	40.825	40.012
9) A Endosulfan I	6.077	5.252				

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:29
Operator : AR\AJ
Sample : Q1832-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

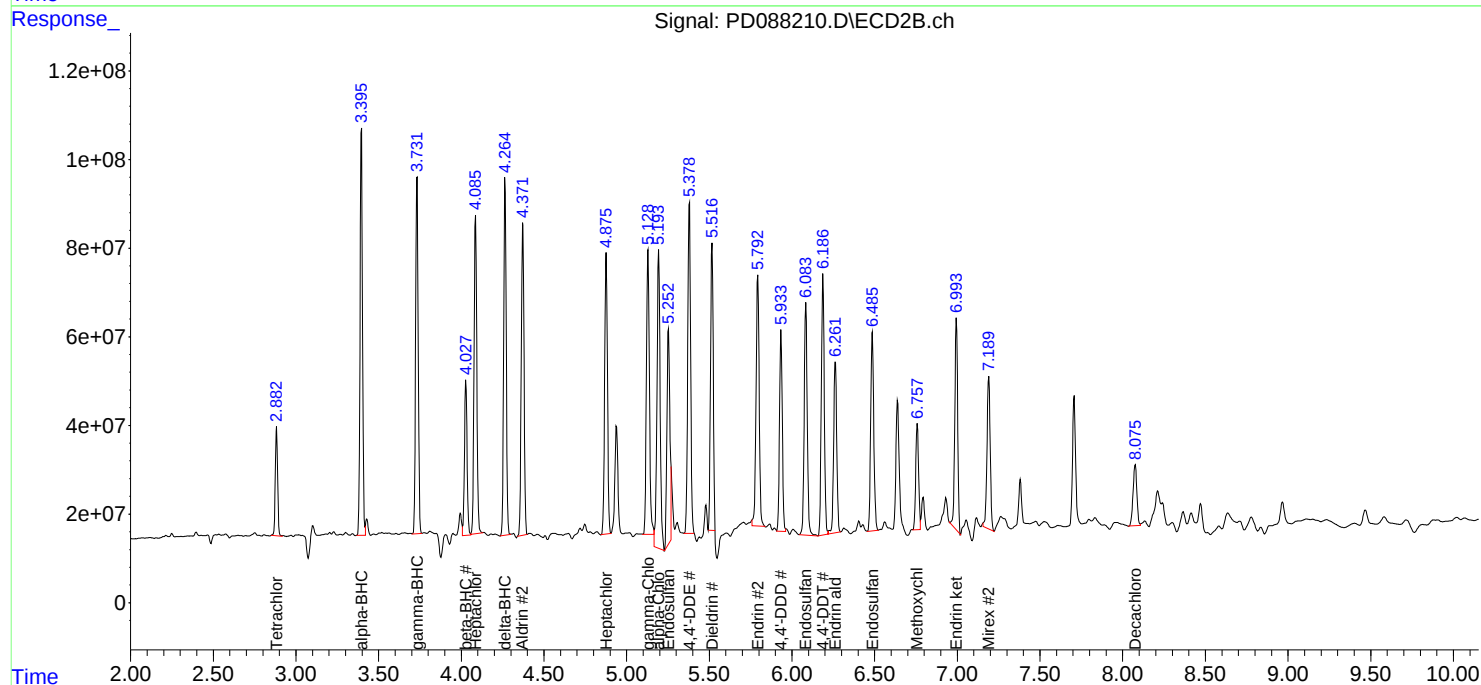
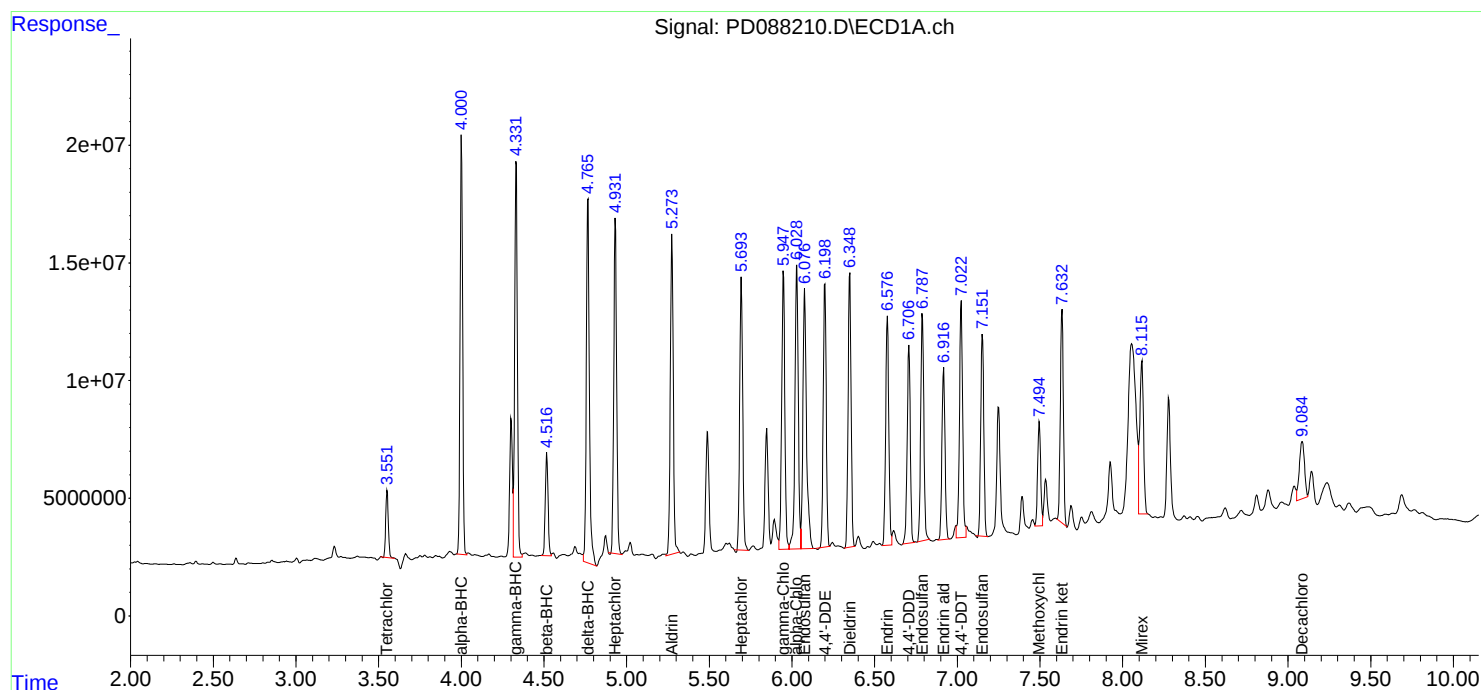
Instrument :
ECD_D
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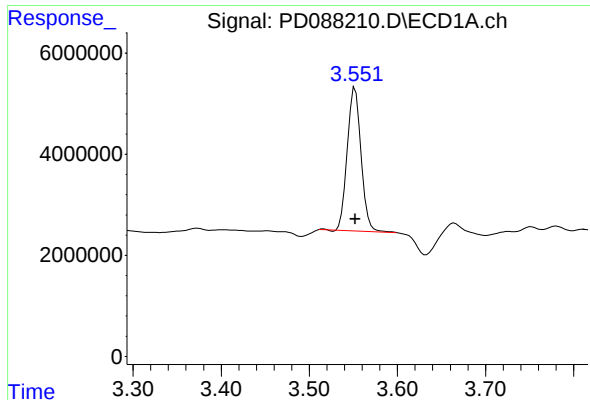
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:17:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





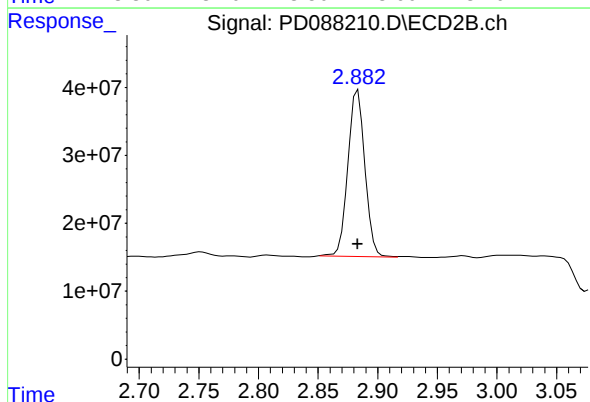
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 30849308
Conc: 15.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

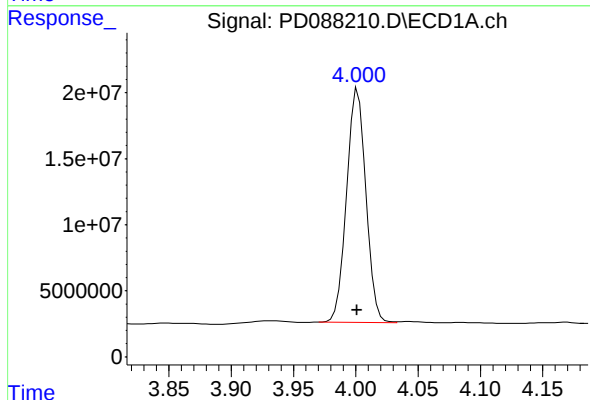
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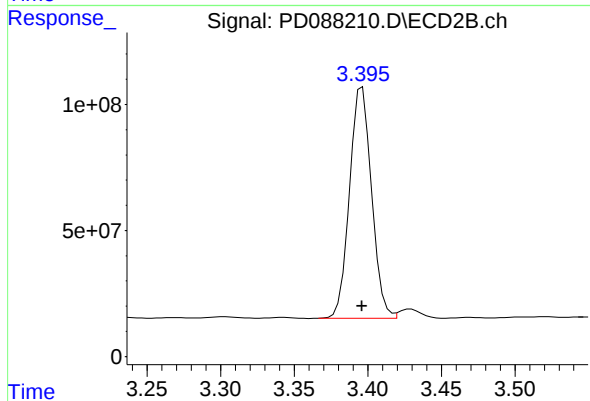
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 242999071
Conc: 16.62 ng/ml



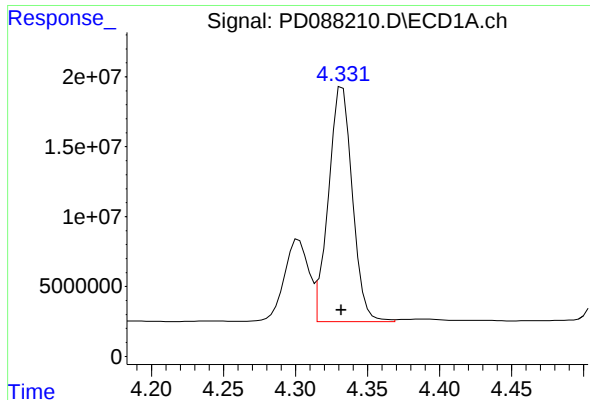
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 190332391
Conc: 44.14 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 954343091
Conc: 41.74 ng/ml



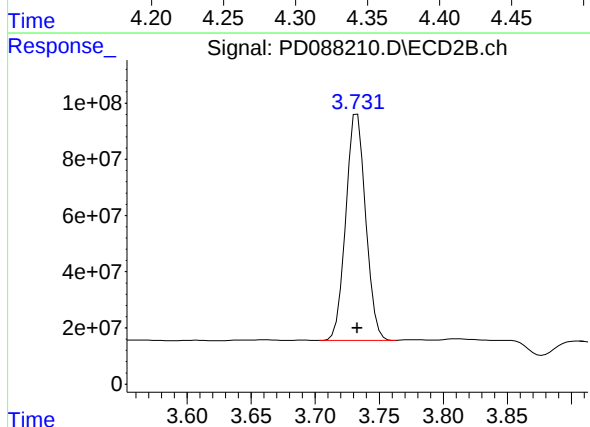
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 192115974
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

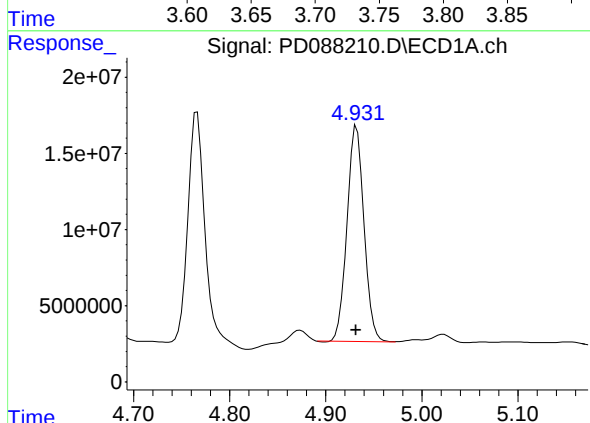
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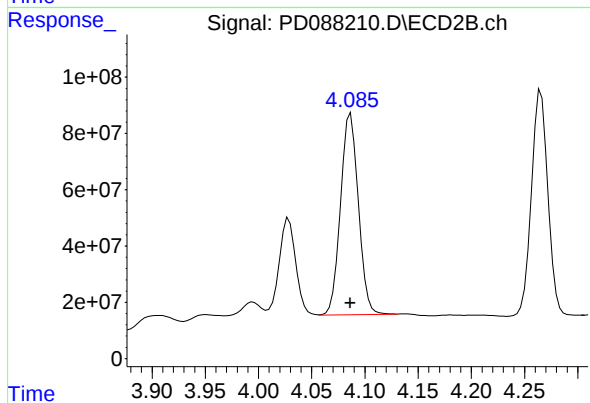
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 869578387
Conc: 40.37 ng/ml



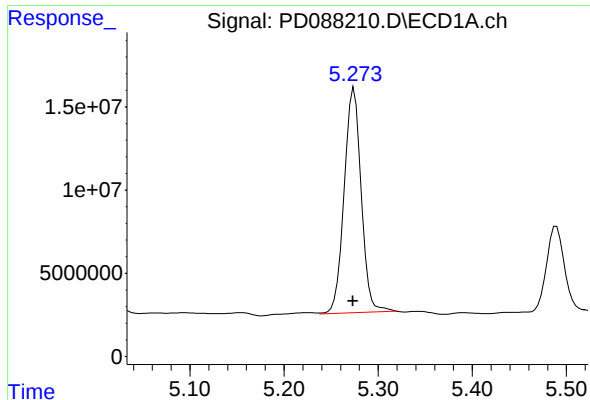
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 173275983
Conc: 42.90 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 831806754
Conc: 38.87 ng/ml m



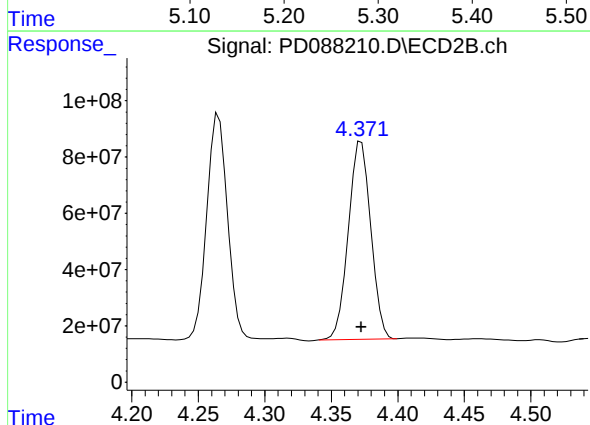
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.001 min
Response: 169887254
Conc: 43.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

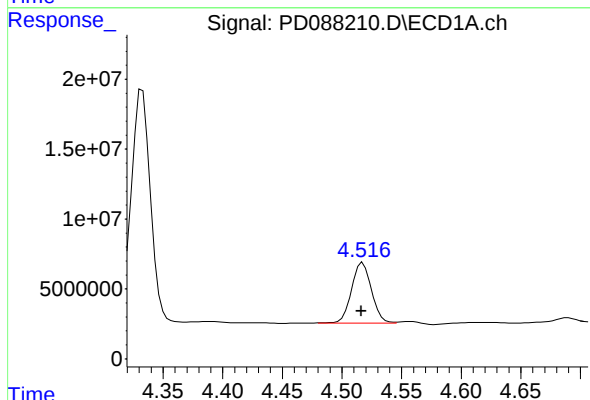
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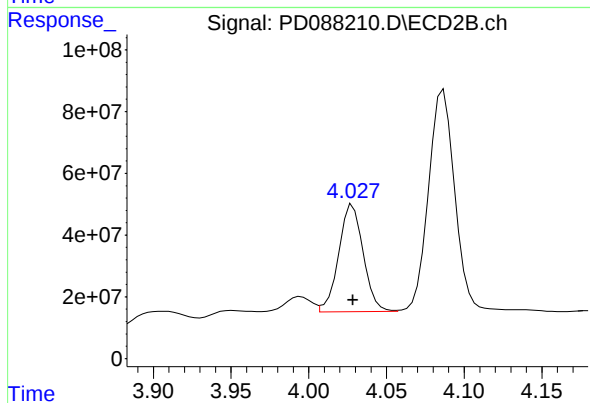
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 827760506
Conc: 39.79 ng/ml m



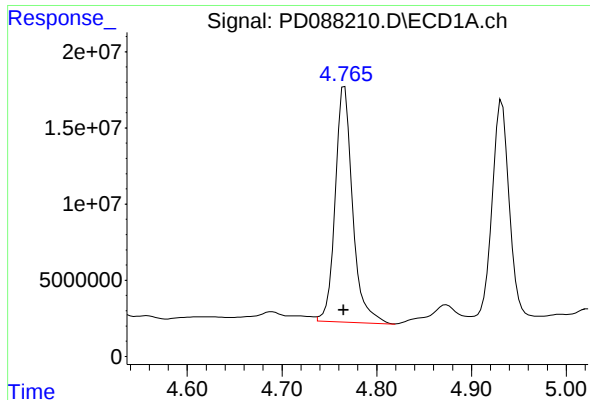
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 50550387
Conc: 31.14 ng/ml m



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 380610286
Conc: 41.13 ng/ml m



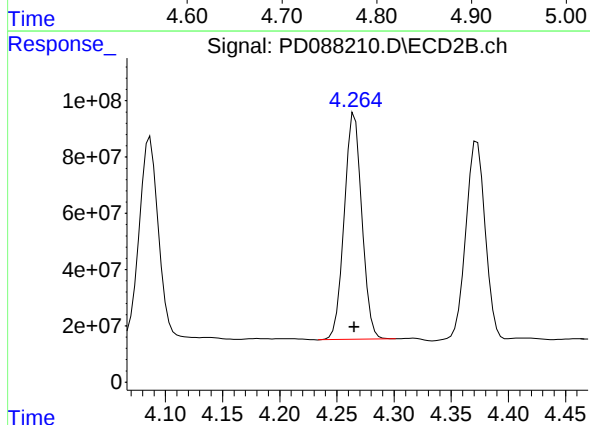
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 196668243
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

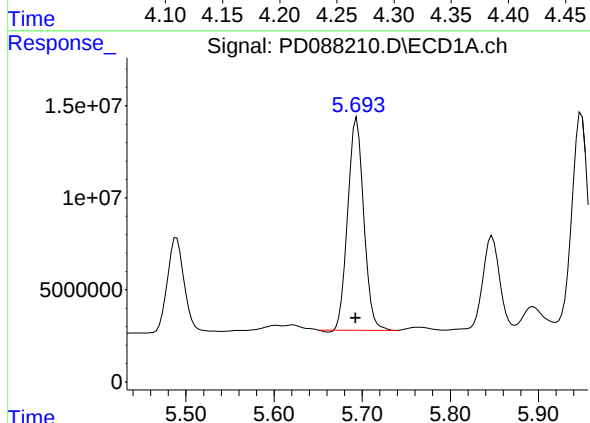
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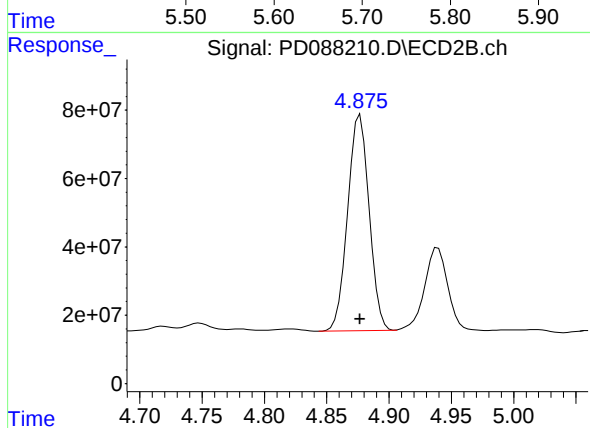
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 865483137
Conc: 40.71 ng/ml



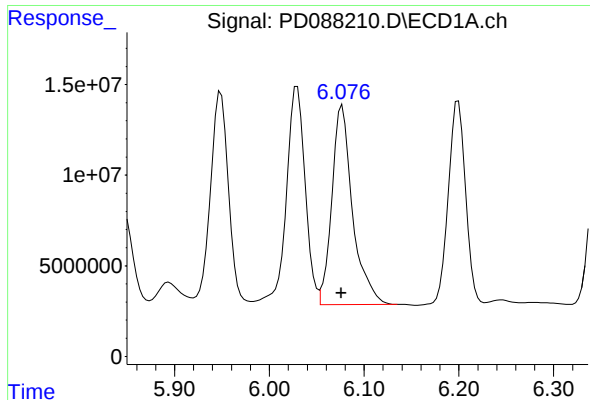
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 145907388
Conc: 40.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 756008622
Conc: 40.01 ng/ml



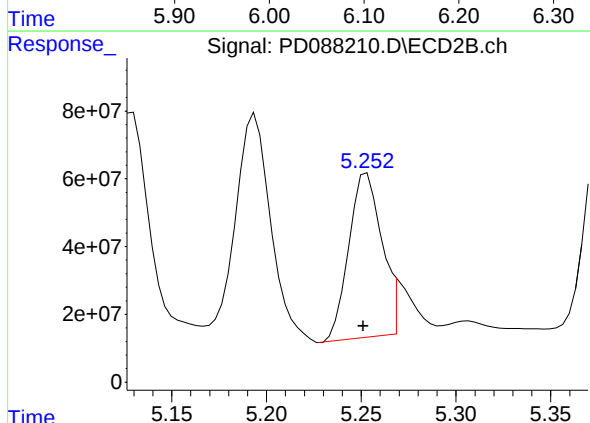
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 167078654
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

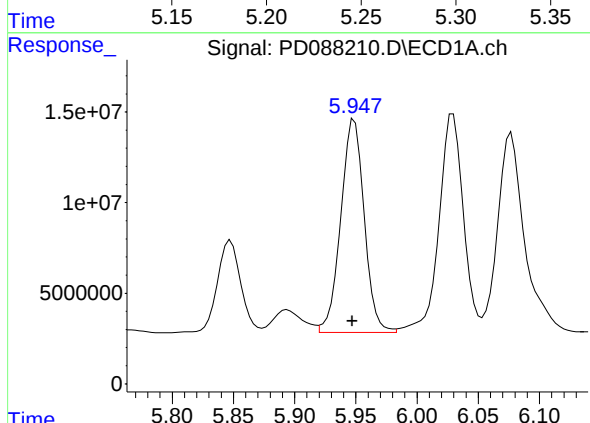
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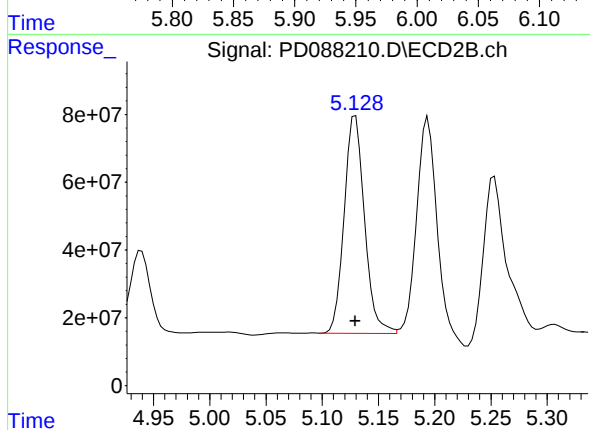
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 588409224
Conc: 32.67 ng/ml



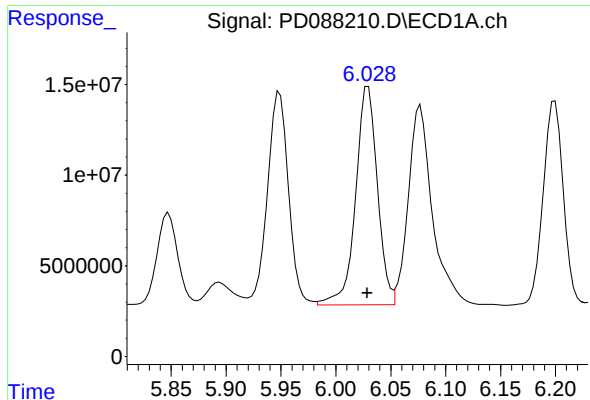
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 157068466
Conc: 43.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 808841987
Conc: 39.85 ng/ml



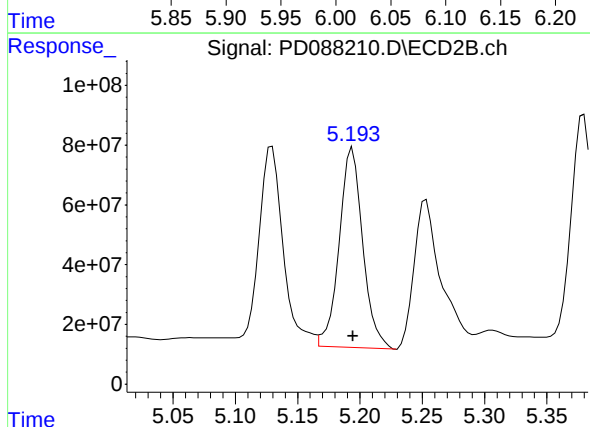
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 166416195
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

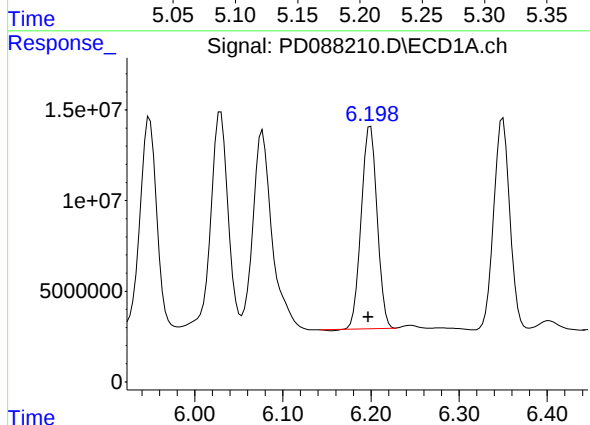
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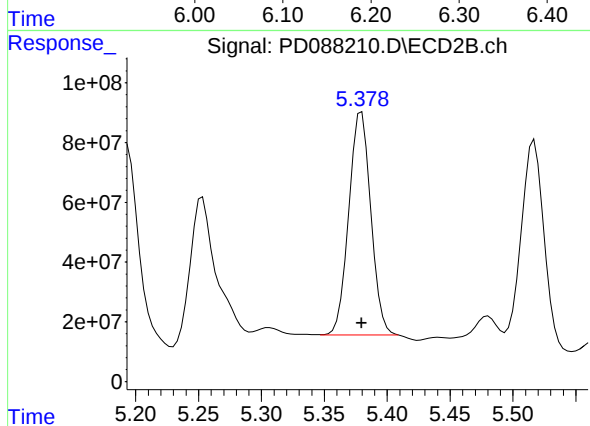
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 879781134
Conc: 44.88 ng/ml



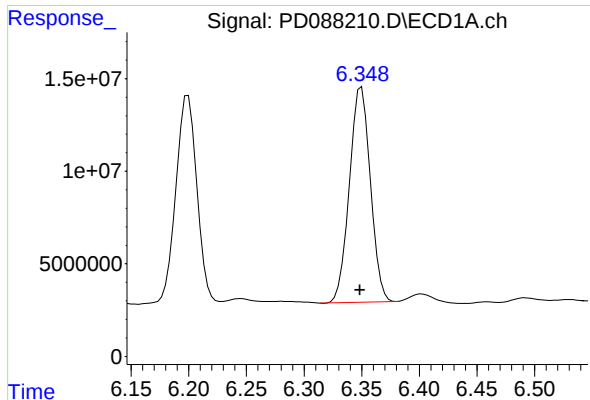
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.002 min
Response: 139328379
Conc: 42.24 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 906403352
Conc: 46.02 ng/ml m



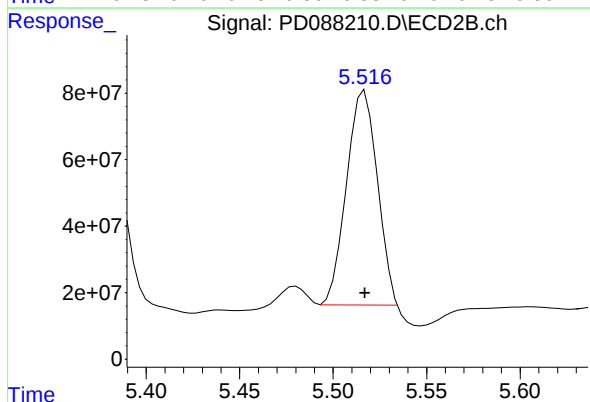
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.001 min
Response: 146655924
Conc: 41.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

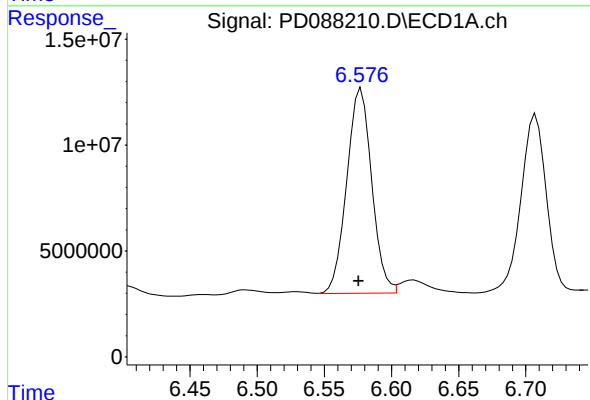
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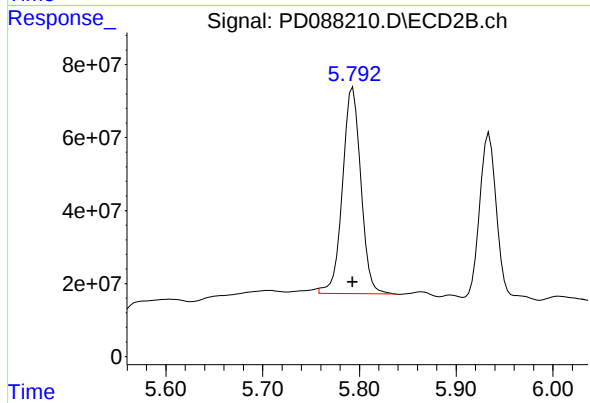
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 741608975
Conc: 37.21 ng/ml



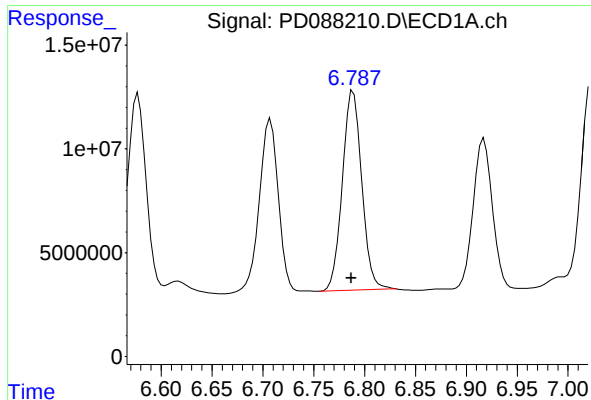
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 126872367
Conc: 42.54 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 739216294
Conc: 40.61 ng/ml



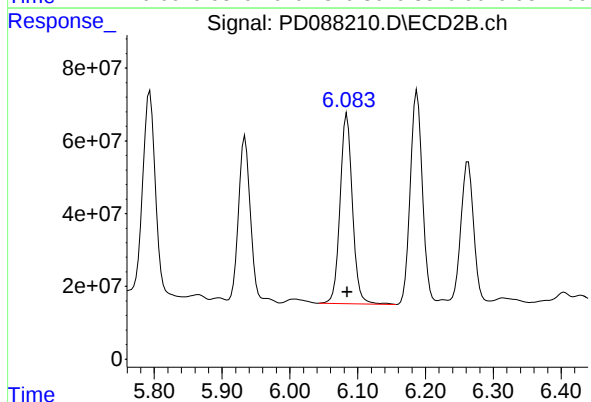
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 127786723
Conc: 40.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

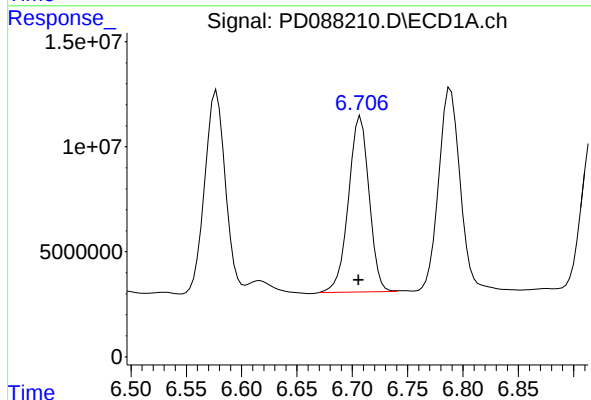
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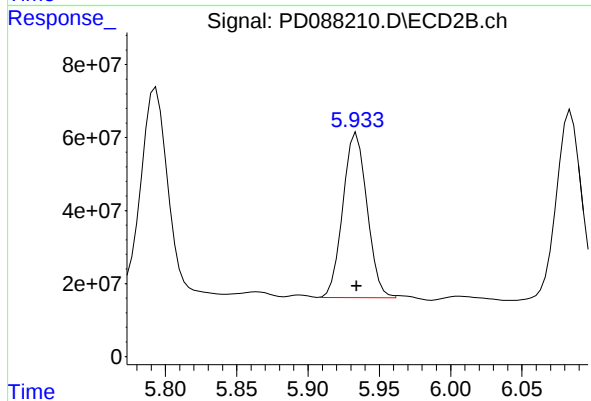
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 663837482
Conc: 37.89 ng/ml



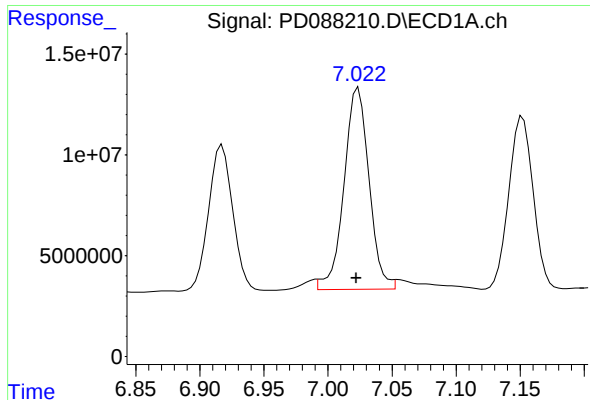
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 108625299
Conc: 43.19 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 532767056
Conc: 32.51 ng/ml m



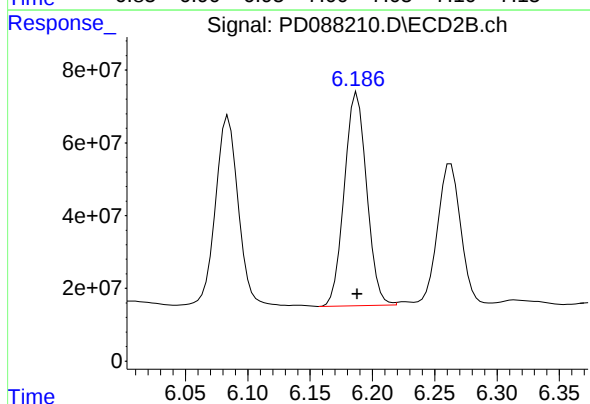
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 135659678
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

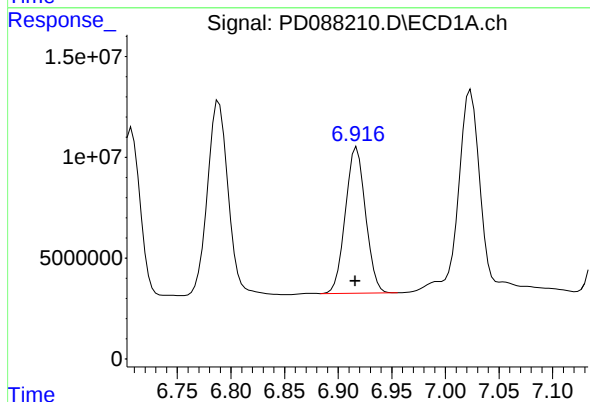
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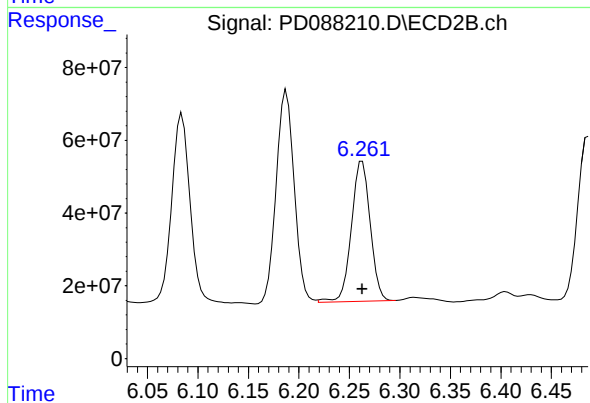
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 729134805
Conc: 42.85 ng/ml



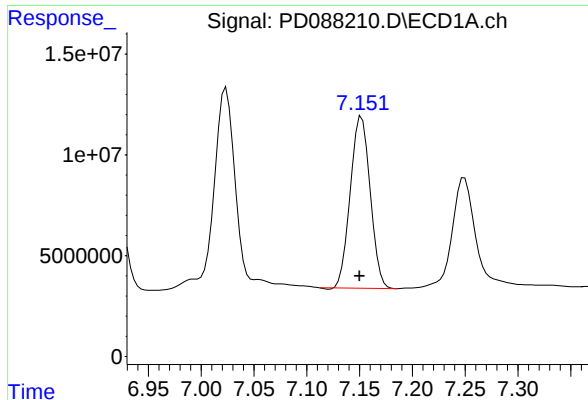
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.001 min
Response: 95091737
Conc: 41.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 499405336
Conc: 37.55 ng/ml



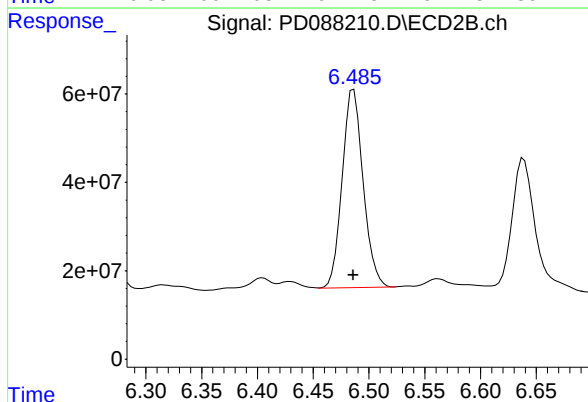
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.002 min
Response: 111771007
Conc: 38.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
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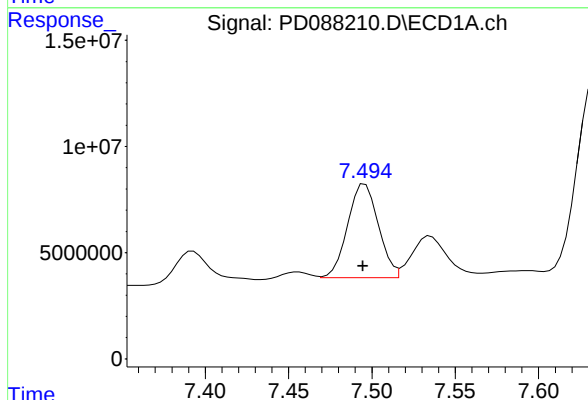
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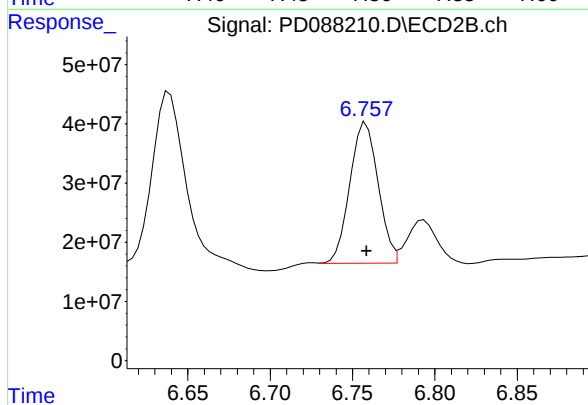
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 586303075
Conc: 34.22 ng/ml



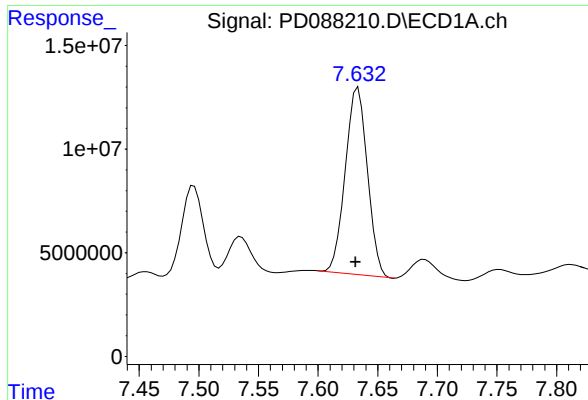
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 56121775
Conc: 37.43 ng/ml m



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 289208206
Conc: 31.71 ng/ml m



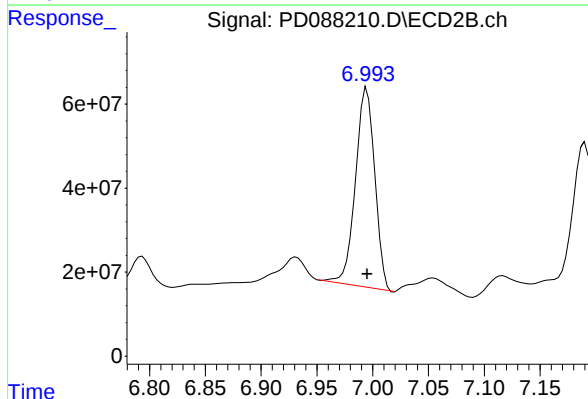
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.002 min
Response: 116675094
Conc: 37.80 ng/ml

Instrument :
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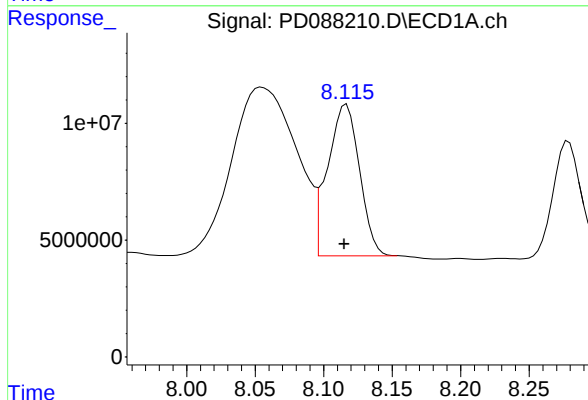
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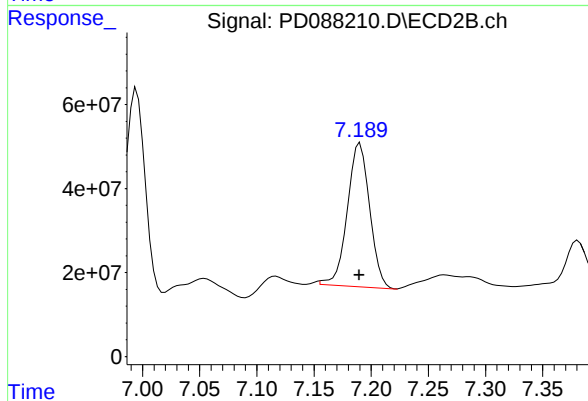
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 572081672
Conc: 30.59 ng/ml



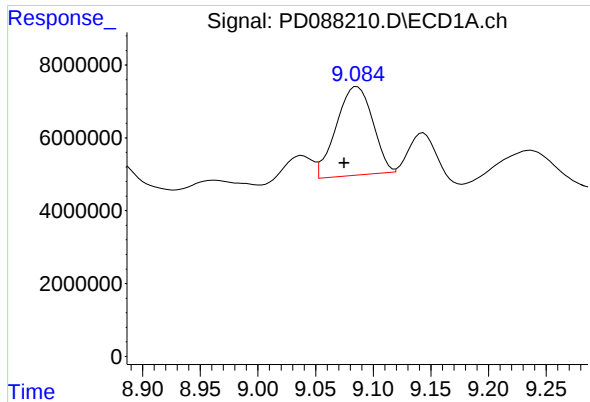
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 102899555
Conc: 43.82 ng/ml m



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 467021948
Conc: 31.51 ng/ml m



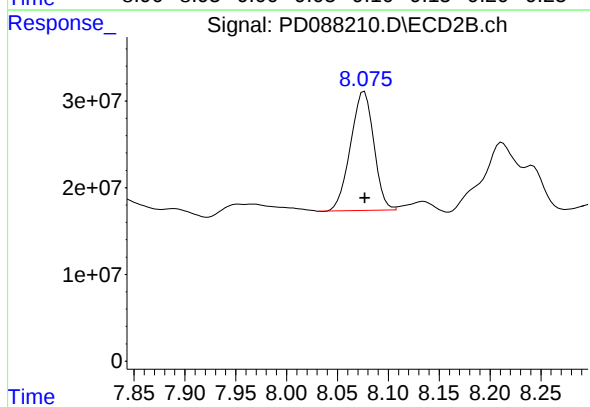
#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.011 min
Response: 53261855
Conc: 16.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 218200633
Conc: 11.81 ng/ml