

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 10:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 13:51:30 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...	3.549	2.879	125.2E6	714.1E6	57.870	47.209
28) SA Decachlor...	9.073	8.072	180.7E6	892.9E6	52.794	48.906
Target Compounds						
2) A alpha-BHC	3.998	3.392	262.5E6	1128.9E6	54.959	47.228
3) MA gamma-BHC...	4.330	3.728	249.4E6	1045.7E6	54.184	47.176
4) MA Heptachlor	4.929	4.082	246.0E6	1045.1E6	55.029	46.544
5) MB Aldrin	5.271	4.368	236.5E6	1068.7E6	53.826	48.734
6) B beta-BHC	4.515	4.024	96778092	447.1E6	53.672	45.899
7) B delta-BHC	4.763	4.261	242.1E6	1050.4E6	57.298	47.117
8) B Heptachlo...	5.691	4.872	214.2E6	931.3E6	53.968	46.864
9) A Endosulfan I	6.075	5.246	199.5E6	813.1E6	53.007	42.845
10) B gamma-Chl...	5.946	5.125	211.9E6	1007.1E6	53.127	47.212
11) B alpha-Chl...	6.027	5.190	213.9E6	965.3E6	53.398	46.804
12) B 4,4'-DDE	6.196	5.374	192.3E6	980.7E6	53.562	46.916m
13) MA Dieldrin	6.348	5.512	213.4E6	982.6E6	53.189	46.691
14) MA Endrin	6.575	5.789	186.7E6	890.7E6	54.682	46.189
15) B Endosulfa...	6.786	6.079	182.2E6	870.5E6	52.917	47.511m
16) A 4,4'-DDD	6.705	5.930	156.1E6	813.8E6	56.036	46.793
17) MA 4,4'-DDT	7.021	6.183	170.6E6	874.3E6	54.647	48.204
18) B Endrin al...	6.915	6.259	135.5E6	650.3E6	52.641	46.685
19) B Endosulfa...	7.150	6.482	169.0E6	827.5E6	52.757	46.606
20) A Methoxychlor	7.494	6.754	90232632	438.7E6	54.014	45.821
21) B Endrin ke...	7.630	6.991	182.9E6	914.3E6	53.420	47.259
22) Mirex	8.114	7.185	136.4E6	727.2E6	52.505	47.834

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 10:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

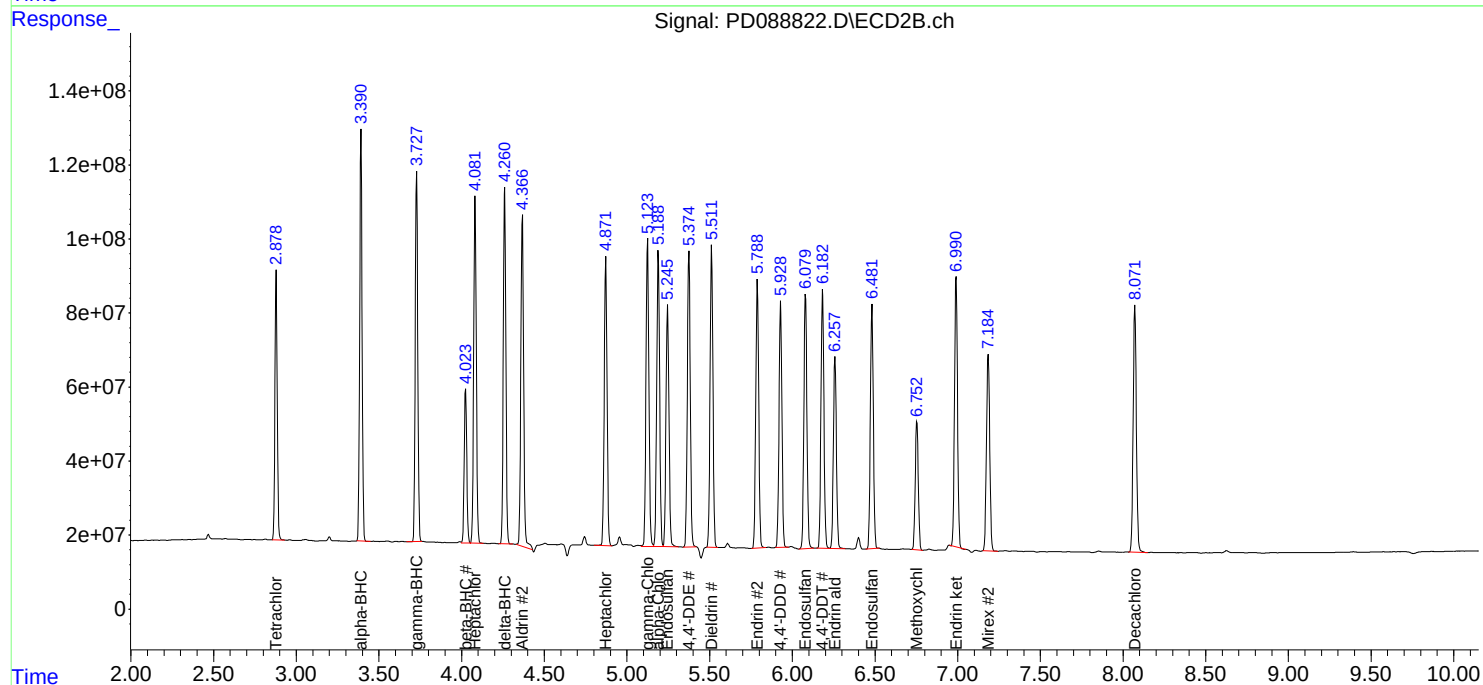
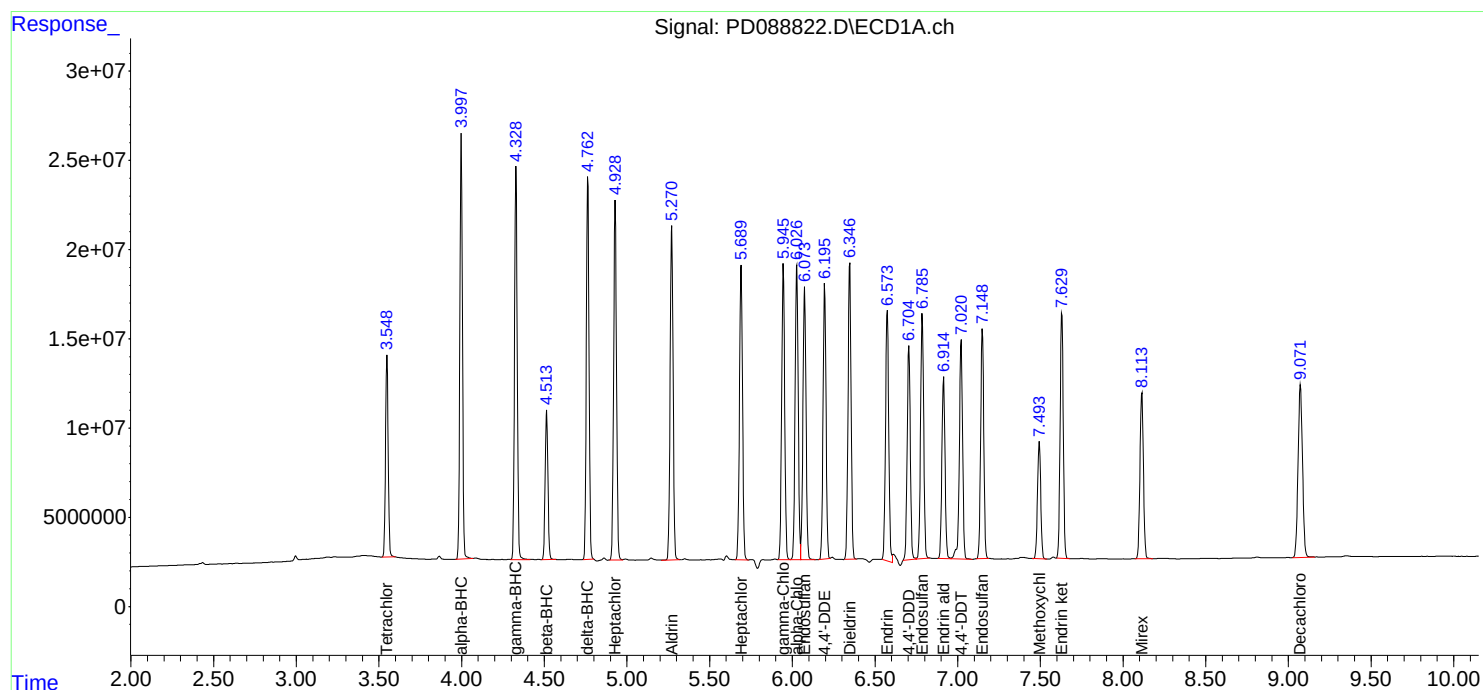
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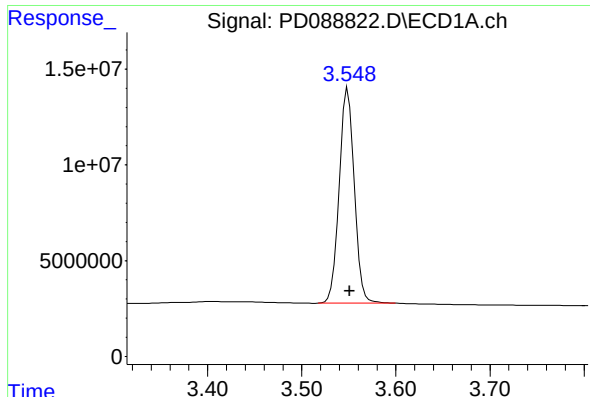
Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 13:51:30 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





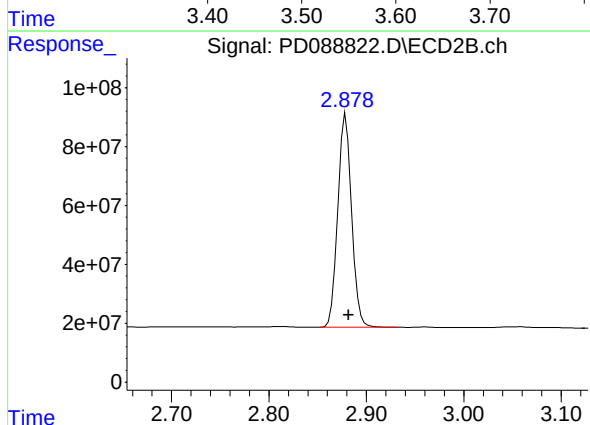
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 125217030
Conc: 57.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

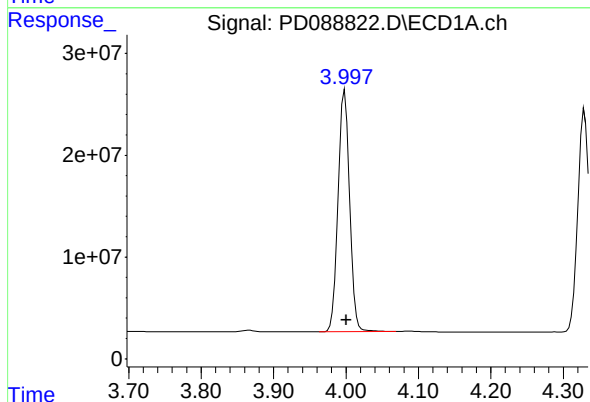
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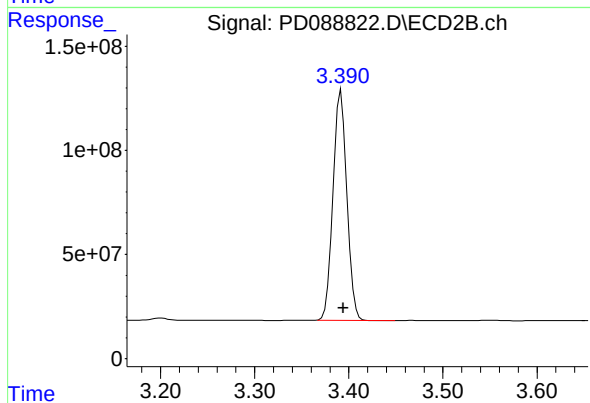
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 714116310
Conc: 47.21 ng/ml



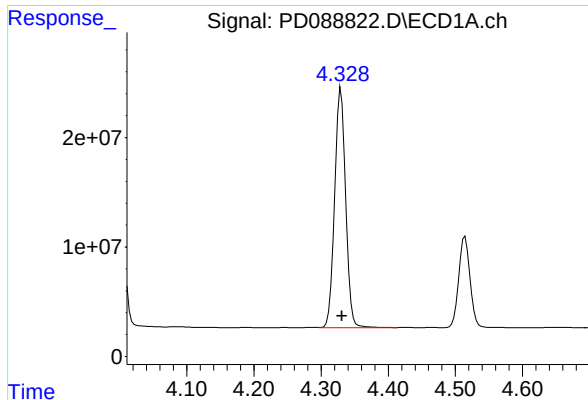
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 262515884
Conc: 54.96 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 1128925291
Conc: 47.23 ng/ml



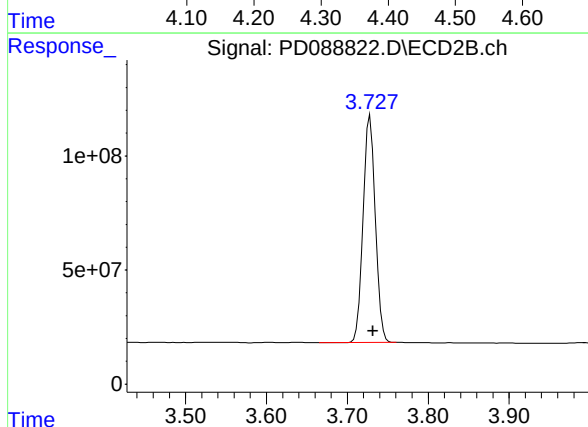
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 249395050
Conc: 54.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

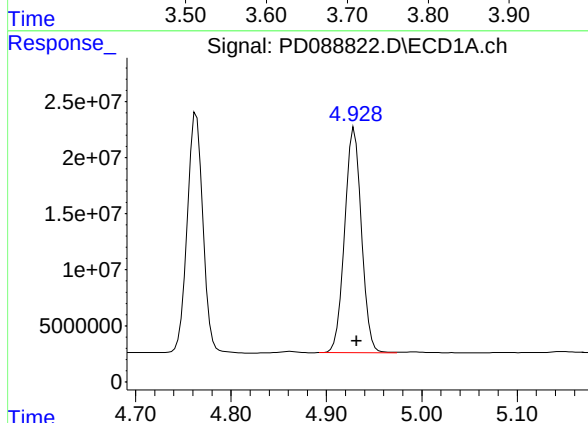
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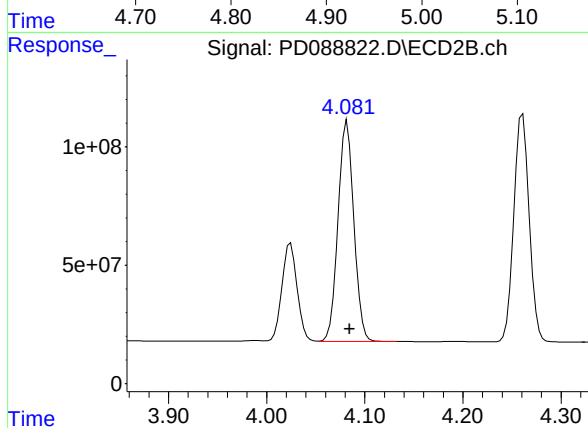
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 1045696378
Conc: 47.18 ng/ml



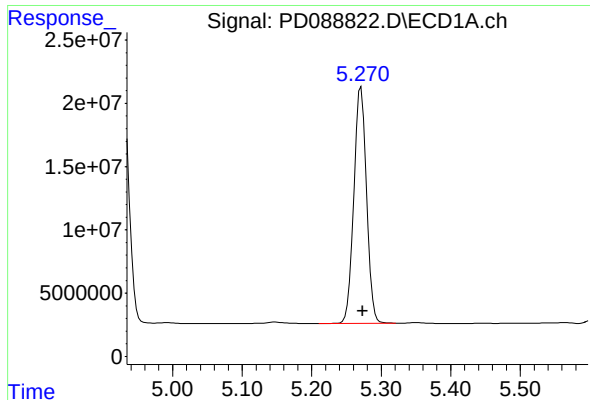
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 246047322
Conc: 55.03 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1045133118
Conc: 46.54 ng/ml



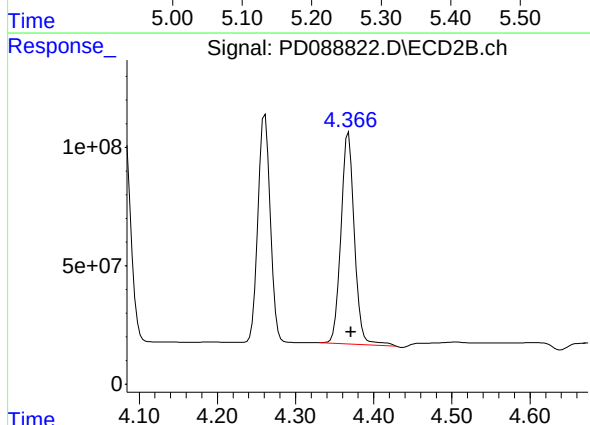
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 236540181
Conc: 53.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

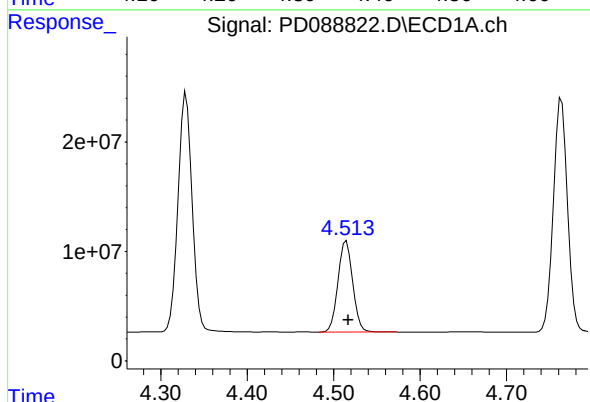
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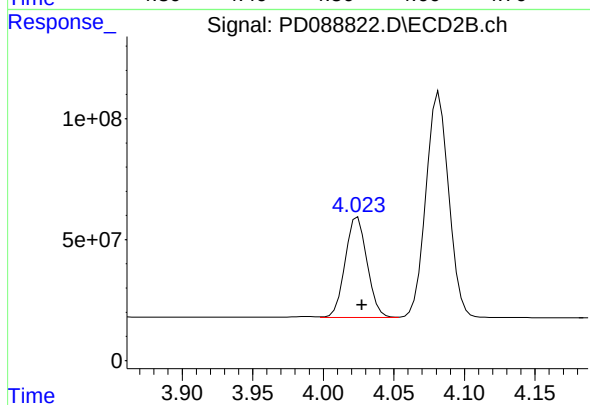
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 1068723242
Conc: 48.73 ng/ml



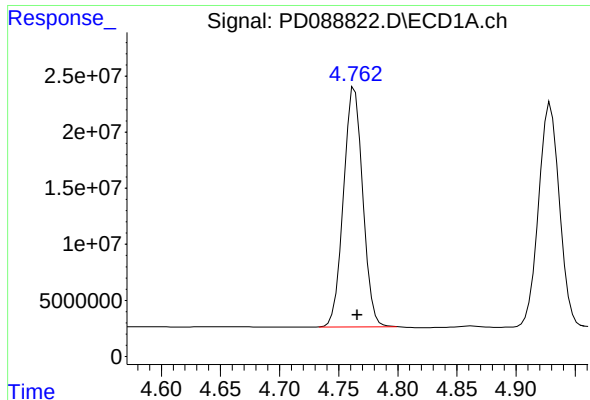
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 96778092
Conc: 53.67 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 447141823
Conc: 45.90 ng/ml



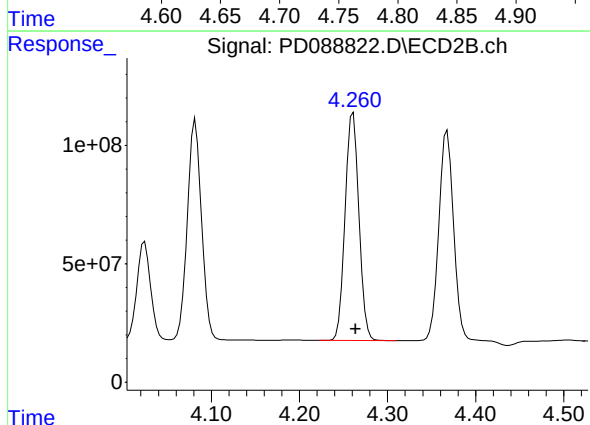
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 242148577
Conc: 57.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

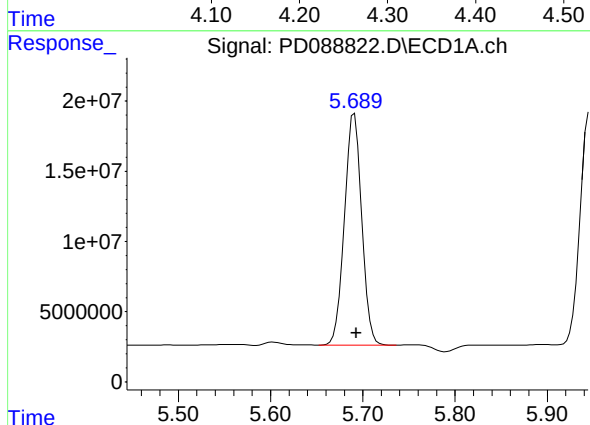
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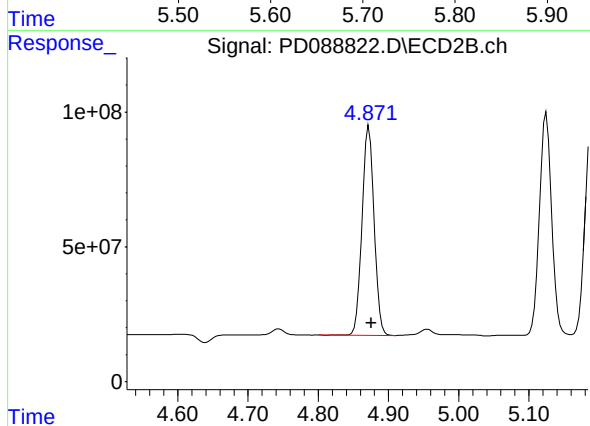
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 1050441473
Conc: 47.12 ng/ml



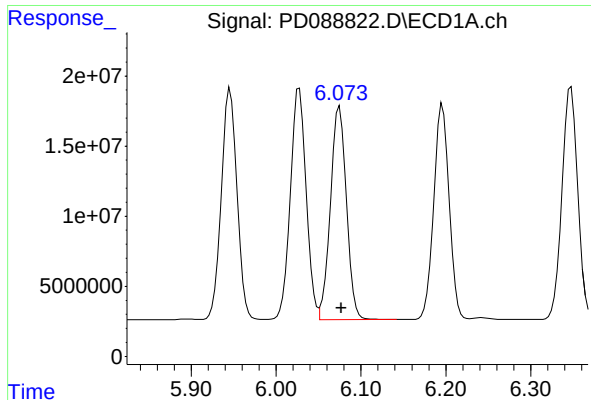
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 214213955
Conc: 53.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 931255767
Conc: 46.86 ng/ml



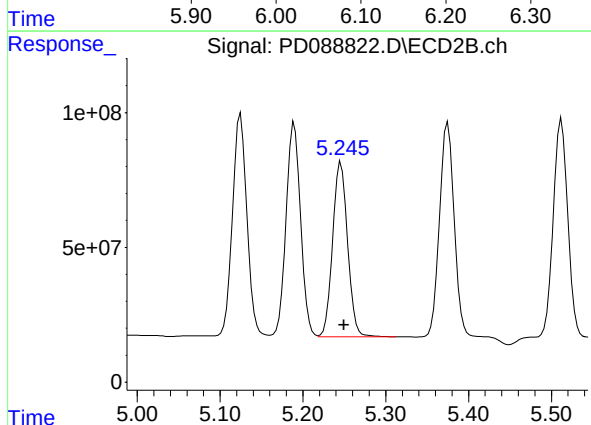
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 199462741
Conc: 53.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

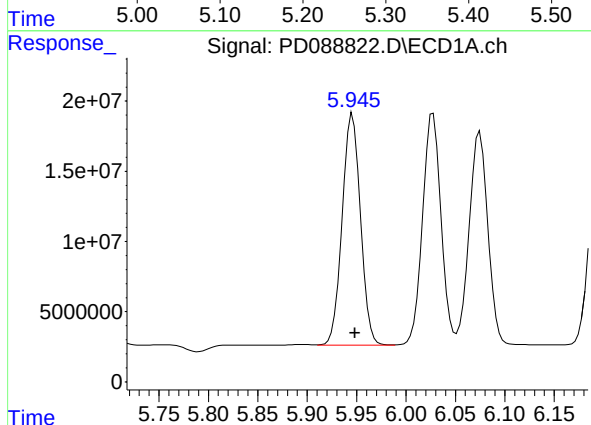
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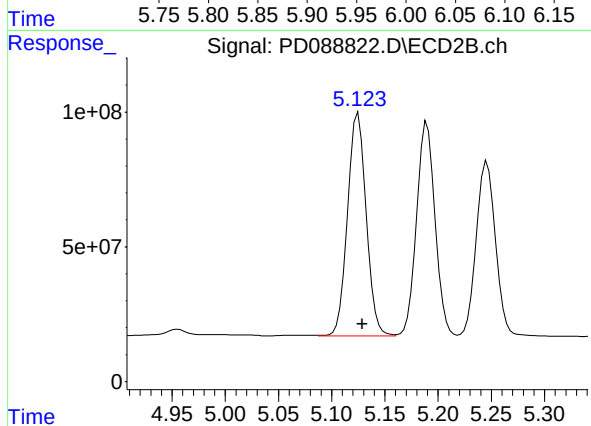
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 813121984
Conc: 42.84 ng/ml



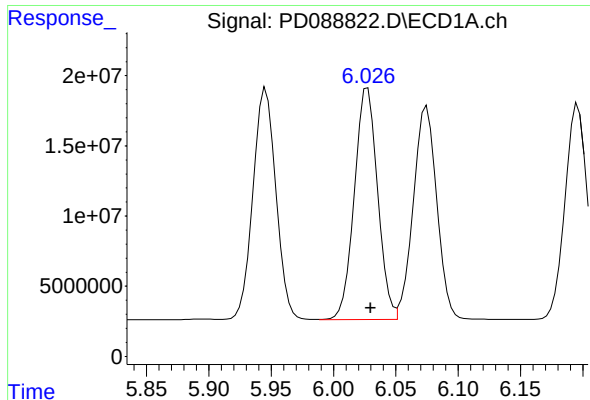
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 211919475
Conc: 53.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1007117184
Conc: 47.21 ng/ml



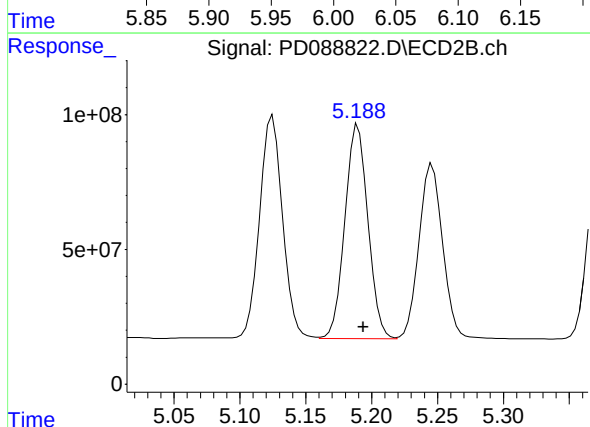
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 213926100
Conc: 53.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

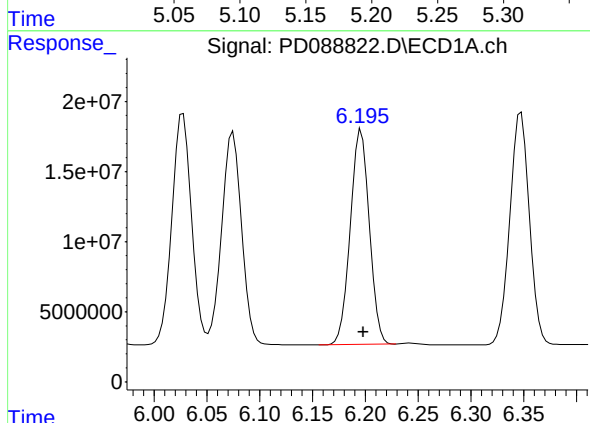
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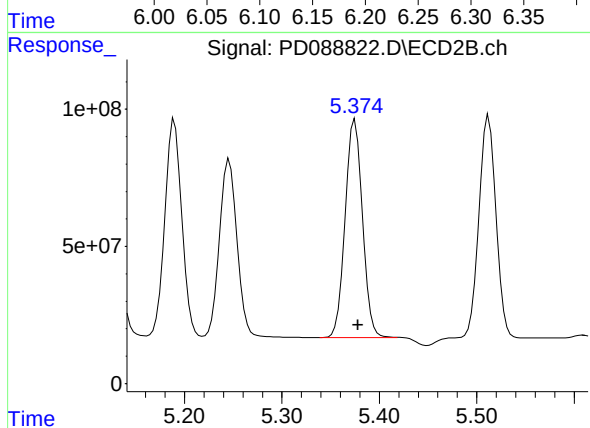
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 965322716
Conc: 46.80 ng/ml



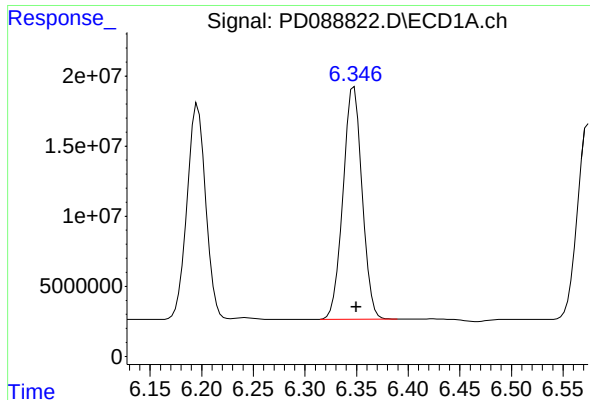
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 192253556
Conc: 53.56 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.005 min
Response: 980670808
Conc: 46.92 ng/ml m



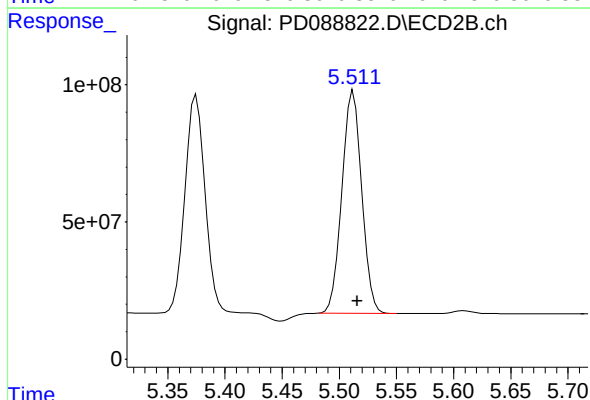
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 213381679
Conc: 53.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

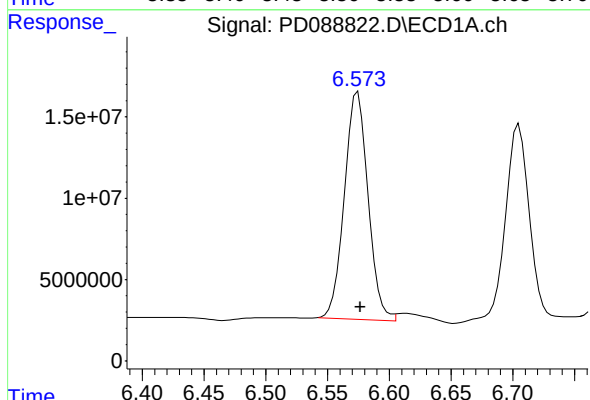
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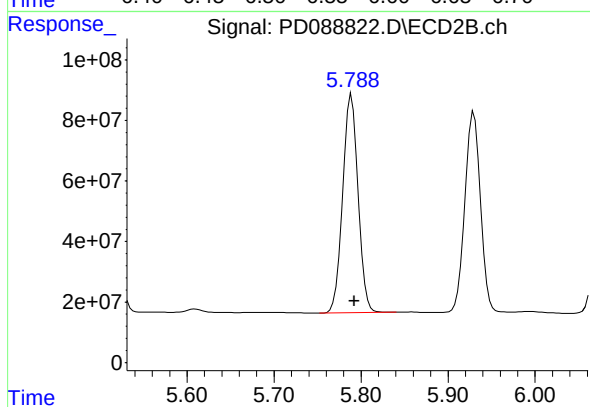
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 982568891
Conc: 46.69 ng/ml



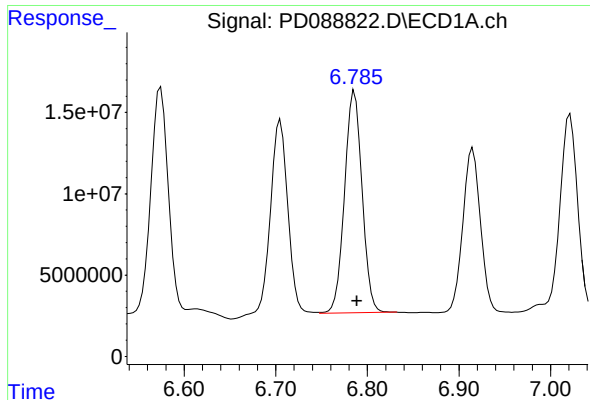
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 186749326
Conc: 54.68 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 890704746
Conc: 46.19 ng/ml



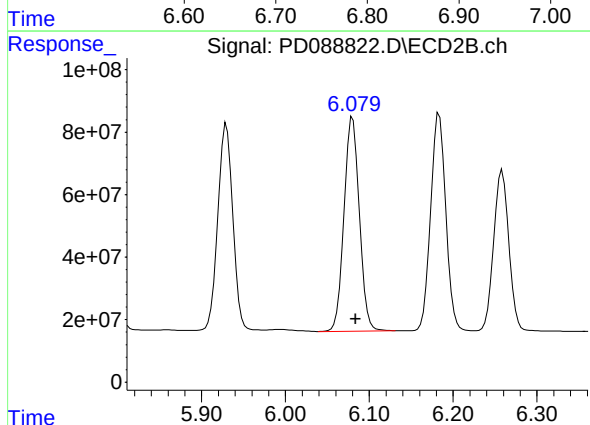
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.003 min
Response: 182223351
Conc: 52.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

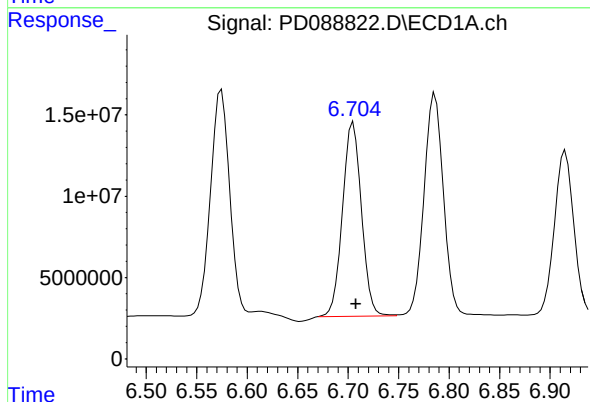
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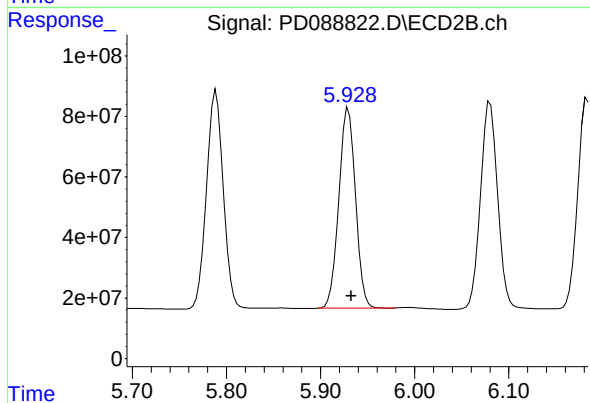
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 870486684
Conc: 47.51 ng/ml



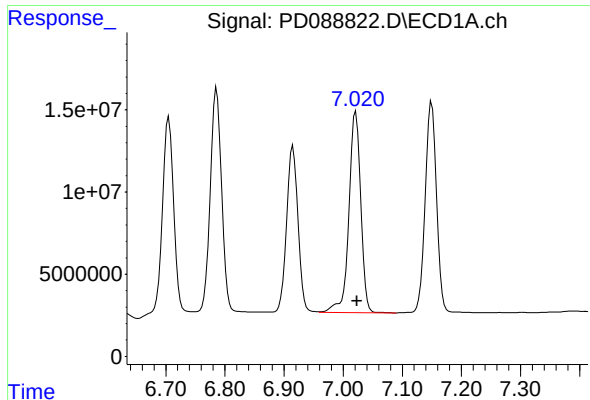
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.003 min
Response: 156065037
Conc: 56.04 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 813833829
Conc: 46.79 ng/ml



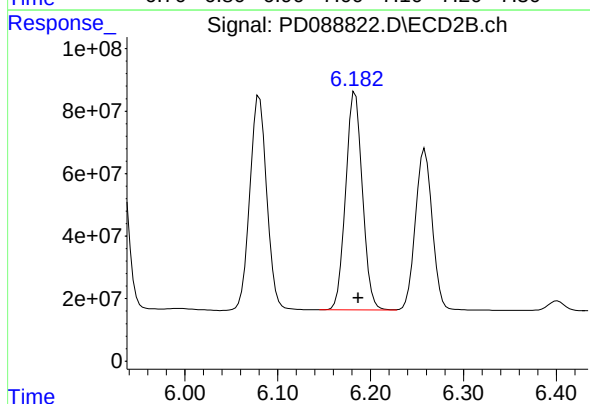
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 170608647
Conc: 54.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

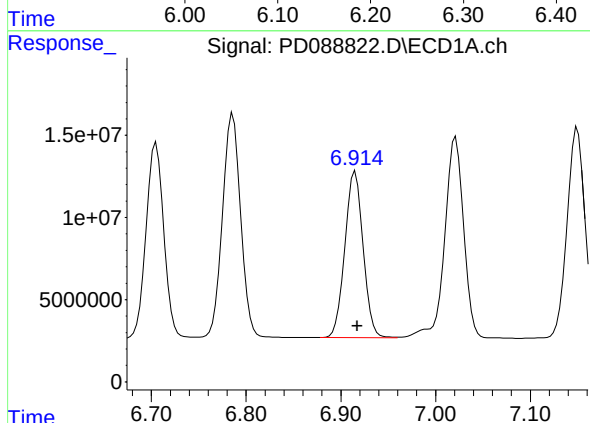
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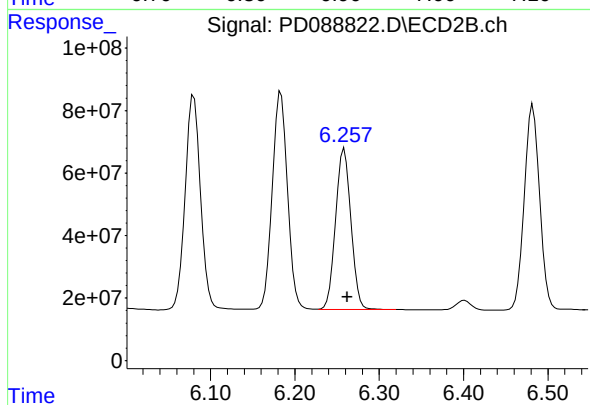
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 874300333
Conc: 48.20 ng/ml



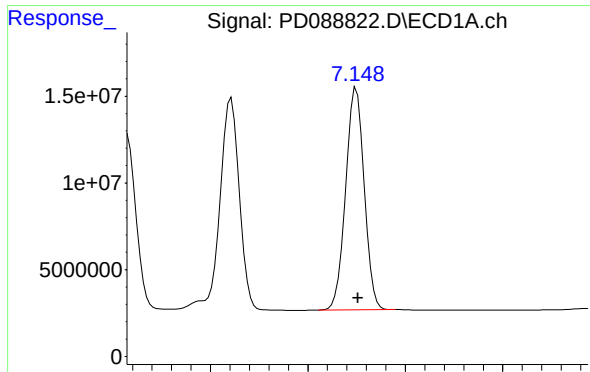
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.002 min
Response: 135530550
Conc: 52.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 650263821
Conc: 46.68 ng/ml



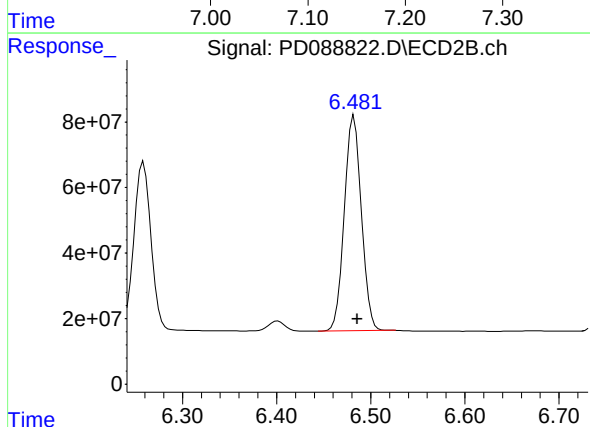
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: -0.002 min
Response: 168983490
Conc: 52.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

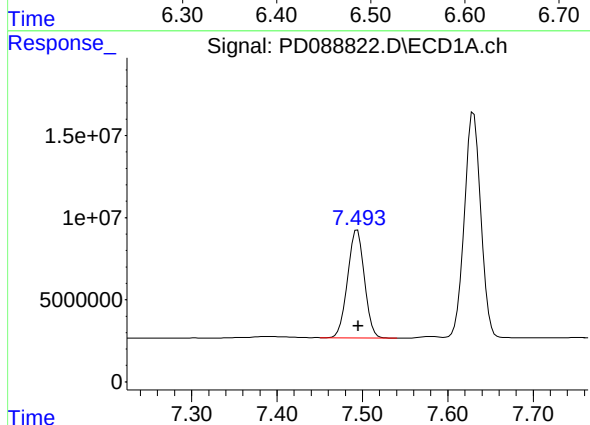
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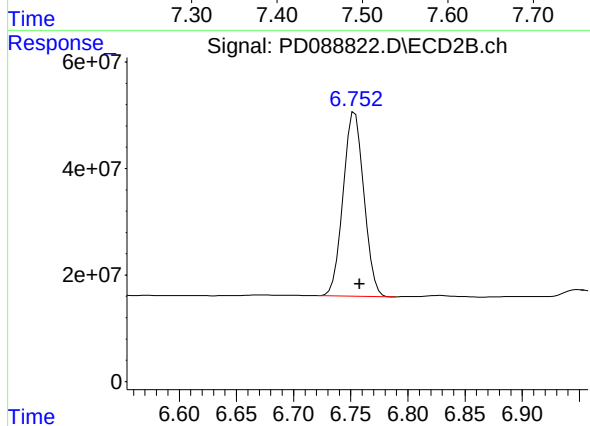
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 827534322
Conc: 46.61 ng/ml



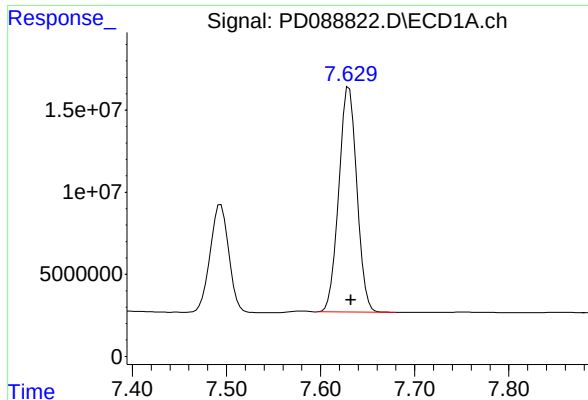
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.001 min
Response: 90232632
Conc: 54.01 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 438728411
Conc: 45.82 ng/ml



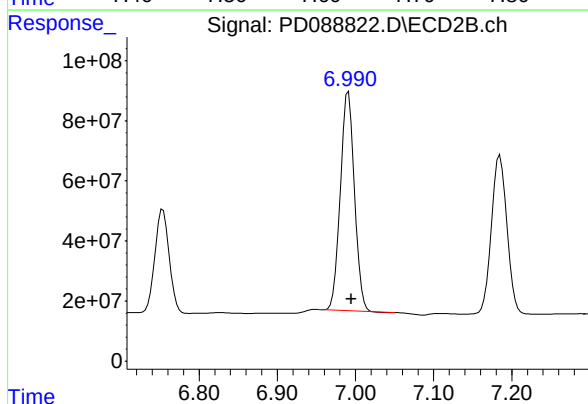
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 182866015
Conc: 53.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

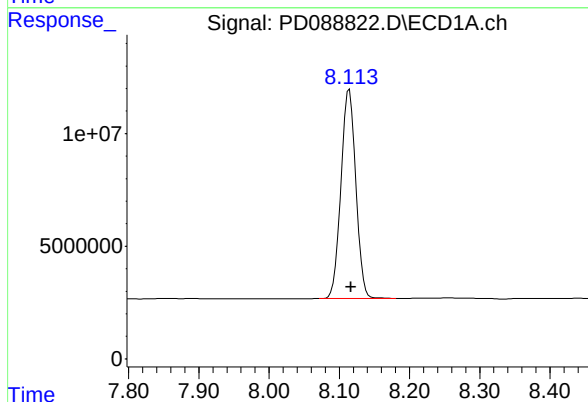
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APPROVED

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



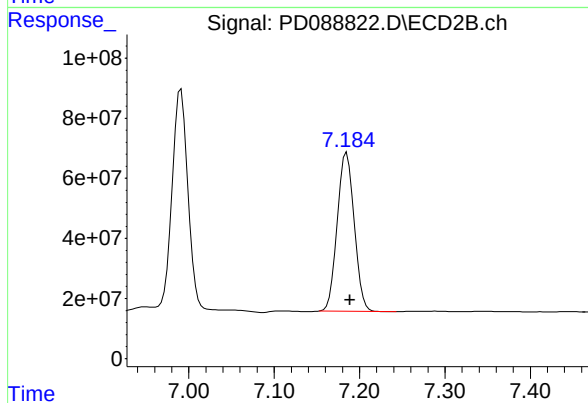
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 914339082
Conc: 47.26 ng/ml



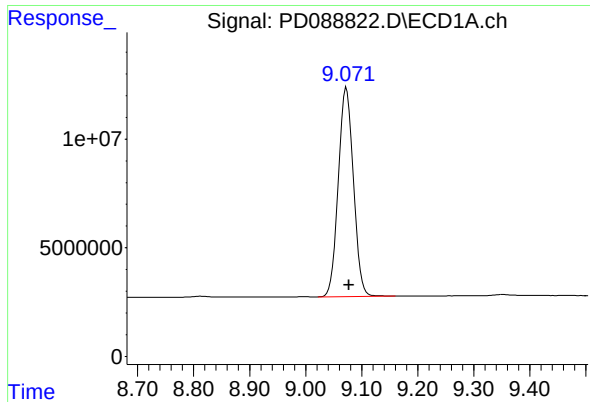
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 136422537
Conc: 52.51 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 727193428
Conc: 47.83 ng/ml



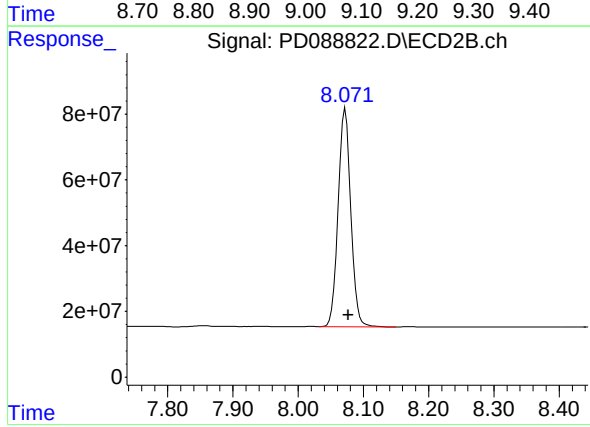
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.005 min
Response: 180677816
Conc: 52.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 892850724
Conc: 48.91 ng/ml