

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 14:39
 Operator : AR\AJ
 Sample : Q2198-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B-207-SB02MS

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 15:24:11 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 x 0.5 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	2.880	52420113	319.0E6	24.227	21.092
2) SA Decachlor...	9.072	8.072	88460583	452.1E6	25.848	24.764
Target Compounds						
2) A alpha-BHC	3.998	3.392	296.9E6	1281.9E6	62.152	53.627
3) MA gamma-BHC...	4.329	3.729	290.6E6	1203.5E6	63.145	54.293
4) MA Heptachlor	4.928	4.082	242.9E6	1052.9E6	54.317	46.887
5) MB Aldrin	5.270	4.368	226.1E6	1010.3E6	51.449	46.069
6) B beta-BHC	4.514	4.024	109.6E6	526.8E6	60.810	54.072
7) B delta-BHC	4.763	4.261	290.0E6	1237.4E6	68.626	55.505
8) B Heptachlo...	5.690	4.872	242.0E6	1072.3E6	60.977	53.960
9) A Endosulfan I	6.074	5.246	230.3E6	1031.0E6	61.190	54.327
10) B gamma-Chl...	5.945	5.125	241.8E6	1161.3E6	60.627	54.438
11) B alpha-Chl...	6.026	5.189	244.6E6	1118.5E6	61.057	54.231
12) B 4,4'-DDE	6.195	5.375	223.5E6	1129.4E6	62.265	54.034
13) MA Dieldrin	6.346	5.510	249.4E6	1152.0E6	62.156	54.744m
14) MA Endrin	6.574	5.787	215.1E6	1056.9E6	62.972	54.807m
15) B Endosulfa...	6.786	6.079	201.8E6	1016.9E6	58.615	55.504
16) A 4,4'-DDD	6.704	5.929	180.4E6	961.8E6	64.775	55.298
17) MA 4,4'-DDT	7.020	6.183	192.2E6	1016.7E6	61.554	56.055
18) B Endrin al...	6.914	6.258	159.8E6	776.7E6	62.079	55.765
19) B Endosulfa...	7.149	6.482	199.8E6	991.2E6	62.392	55.826
20) A Methoxychlor	7.493	6.754	103.8E6	526.8E6	62.131	55.015
21) B Endrin ke...	7.629	6.991	214.9E6	1101.0E6	62.767	56.906
22) Mirex	8.113	7.185	152.4E6	828.0E6	58.650	54.464

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 14:39
Operator : AR\AJ
Sample : Q2198-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

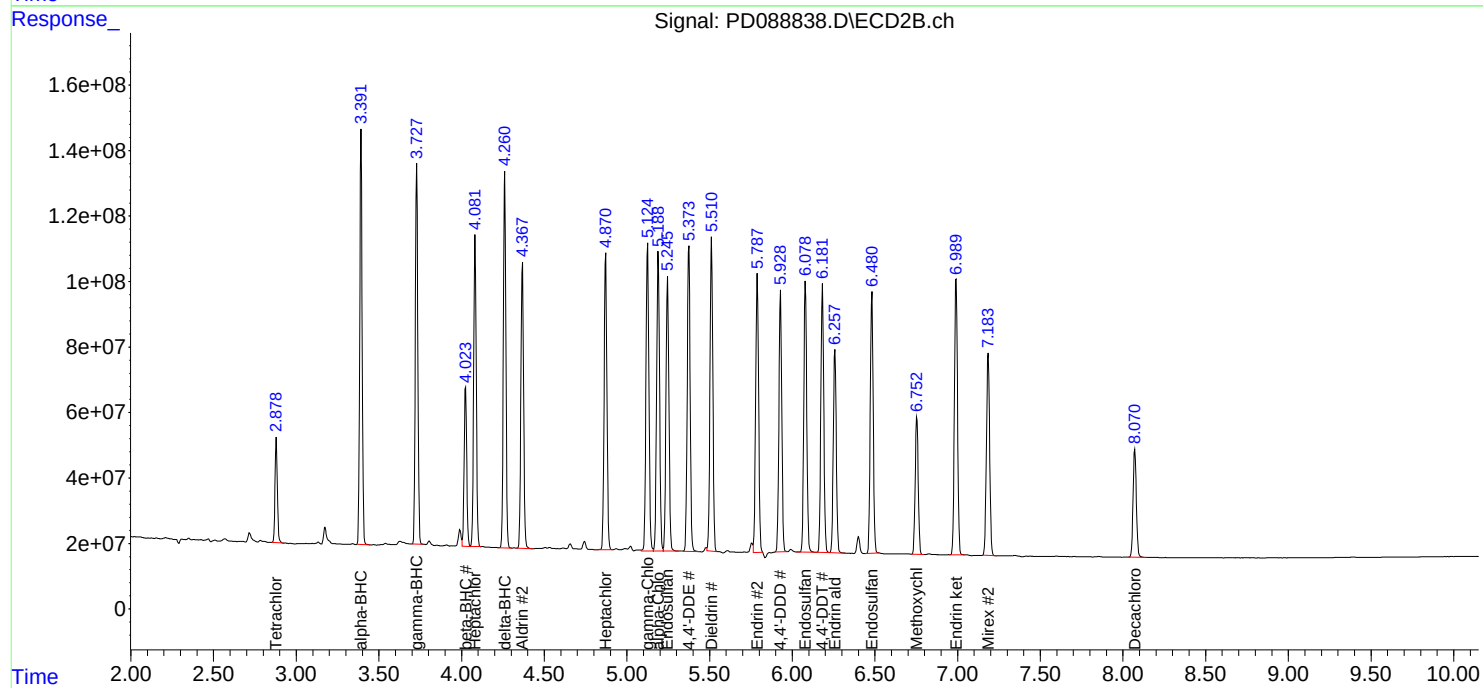
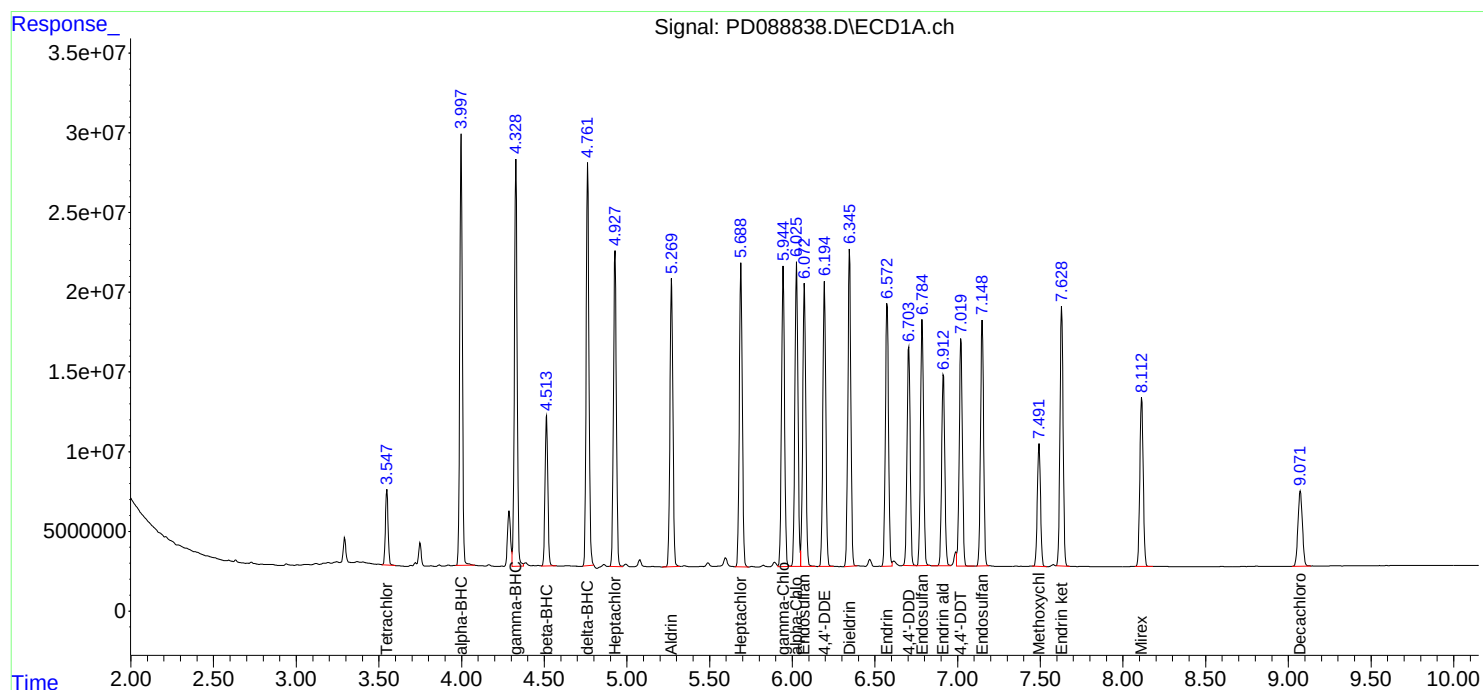
Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

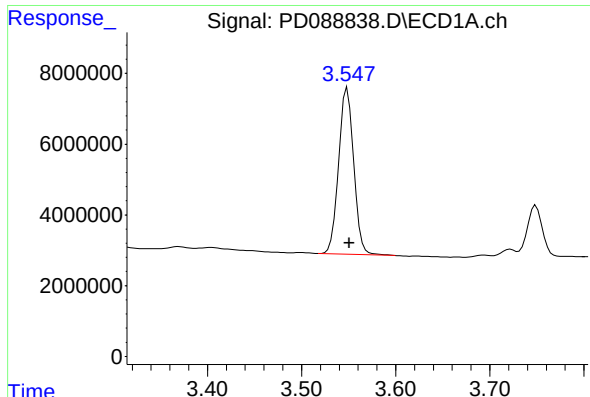
Manual Integrations
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Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 15:24:11 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





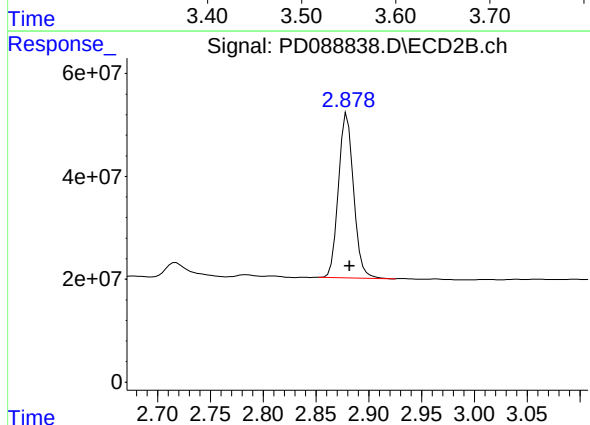
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 52420113
Conc: 24.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

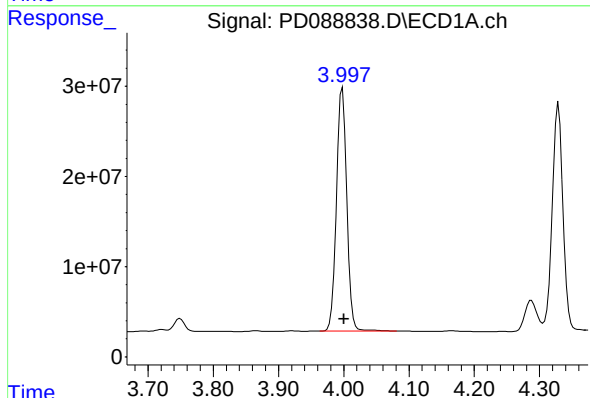
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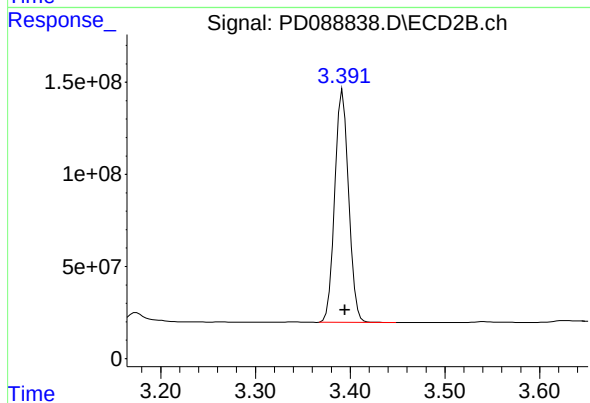
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 319049790
Conc: 21.09 ng/ml



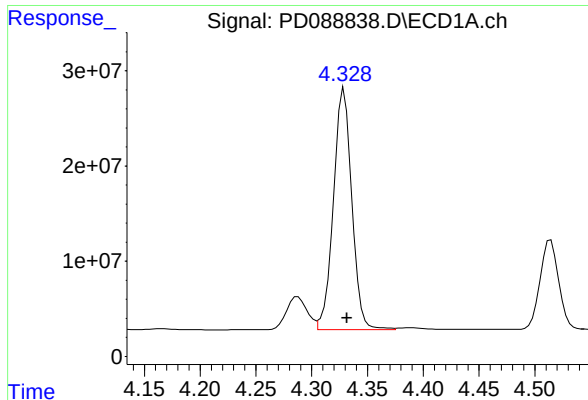
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 296873917
Conc: 62.15 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 1281878501
Conc: 53.63 ng/ml



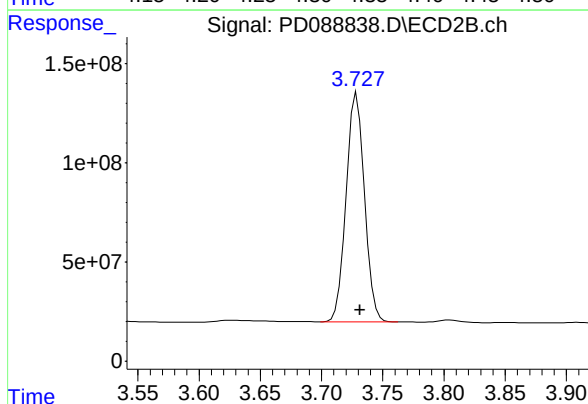
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 290636453
Conc: 63.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

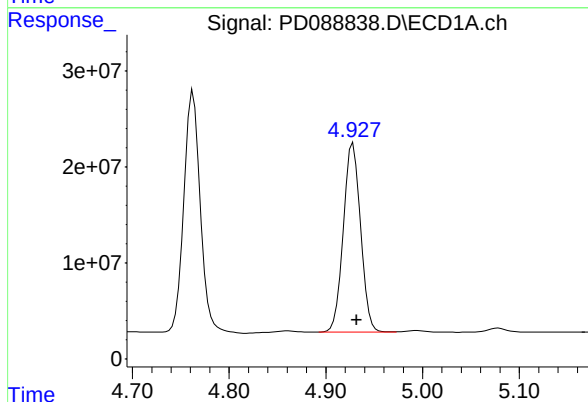
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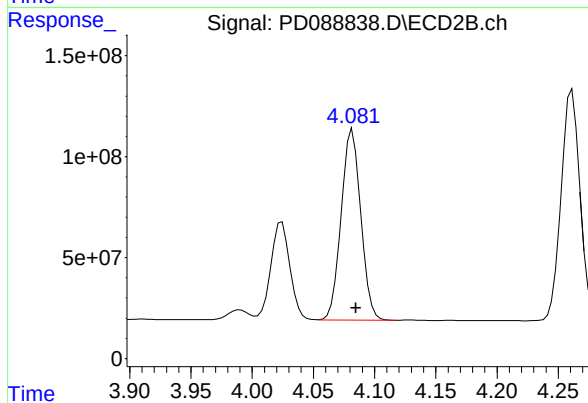
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.003 min
Response: 1203450756
Conc: 54.29 ng/ml



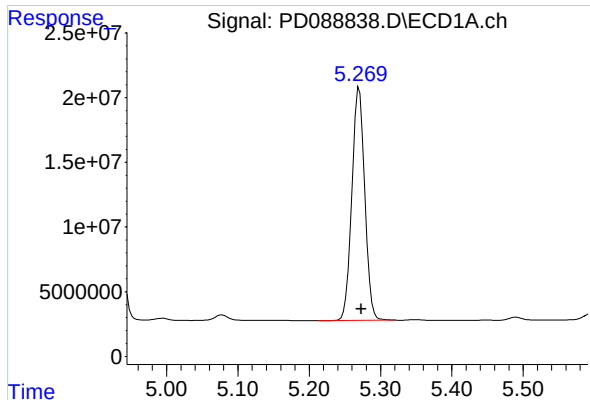
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 242863030
Conc: 54.32 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1052850421
Conc: 46.89 ng/ml



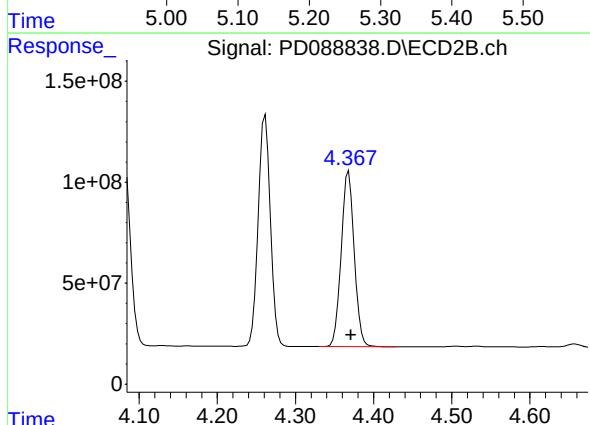
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 226091611
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

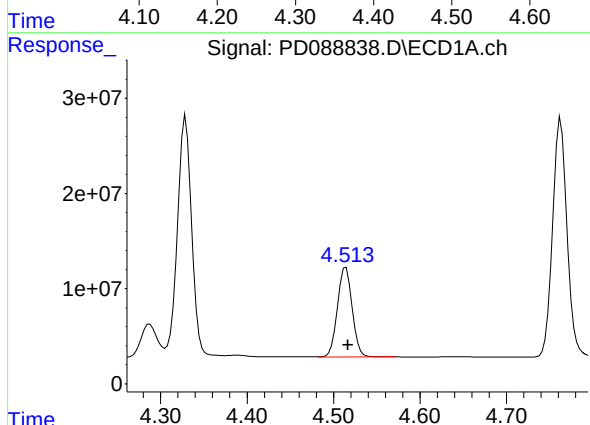
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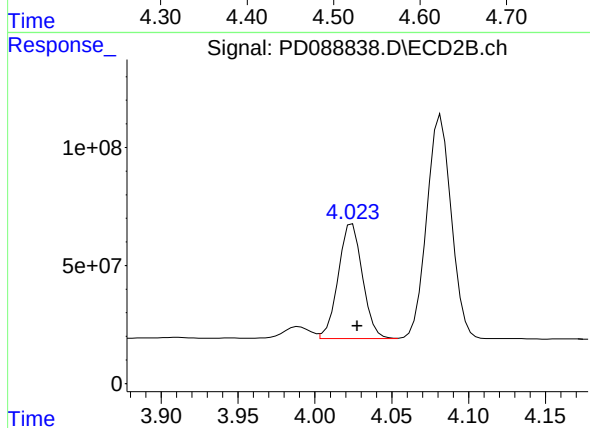
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 1010275903
Conc: 46.07 ng/ml



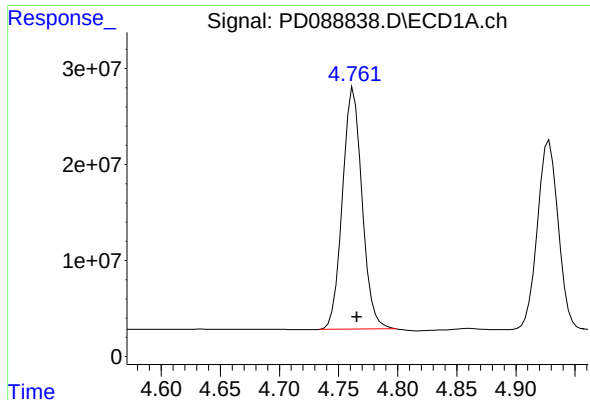
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 109649107
Conc: 60.81 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 526766782
Conc: 54.07 ng/ml



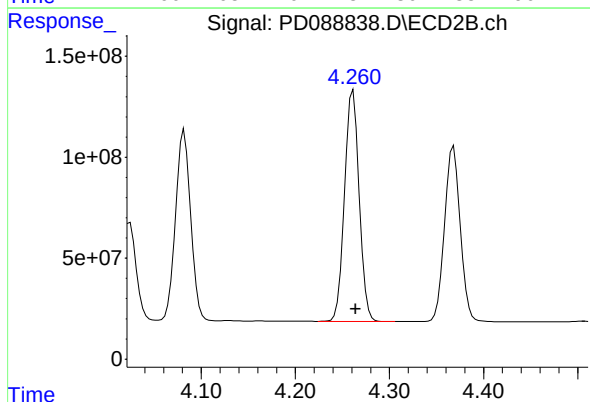
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 290023591
Conc: 68.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

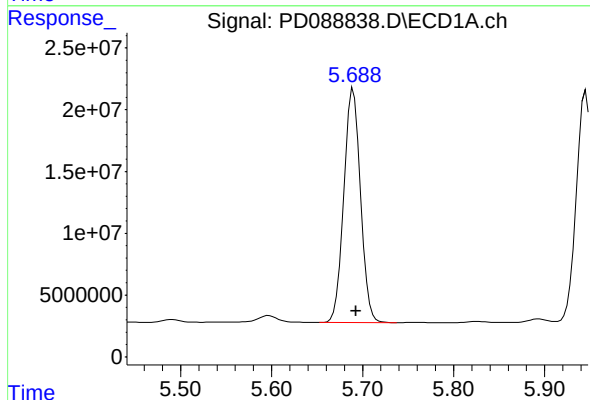
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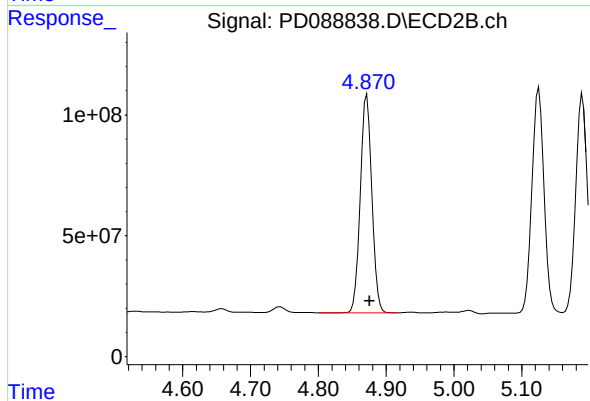
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 1237439573
Conc: 55.51 ng/ml



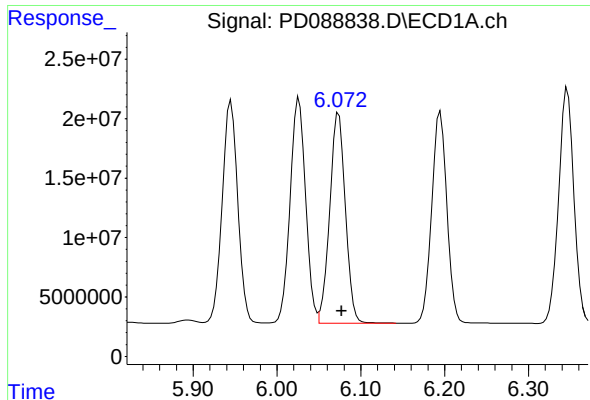
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 242037089
Conc: 60.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 1072261929
Conc: 53.96 ng/ml



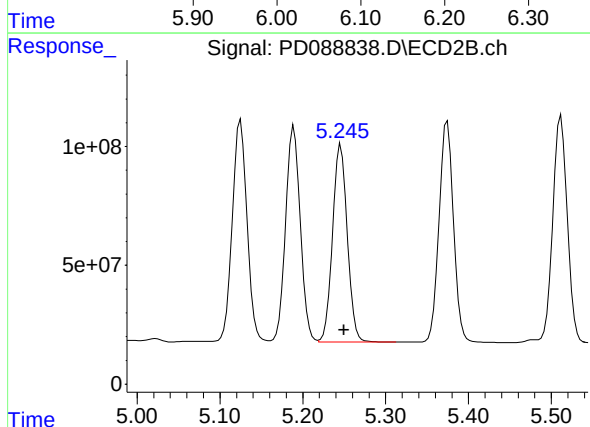
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 230254910
Conc: 61.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

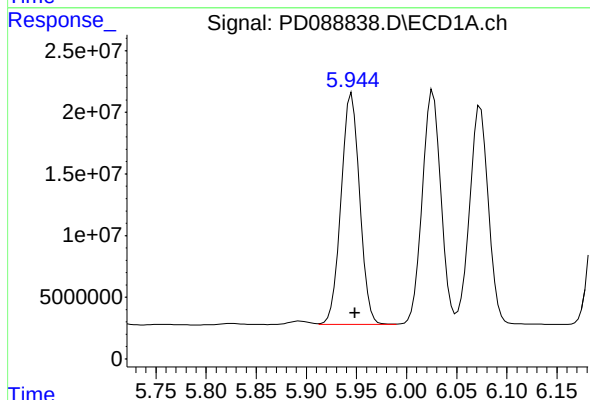
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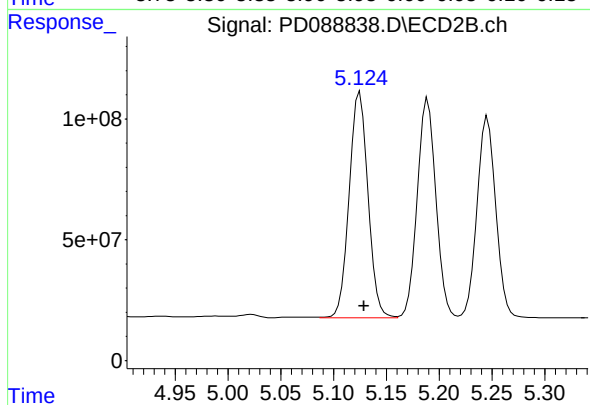
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 1031037267
Conc: 54.33 ng/ml



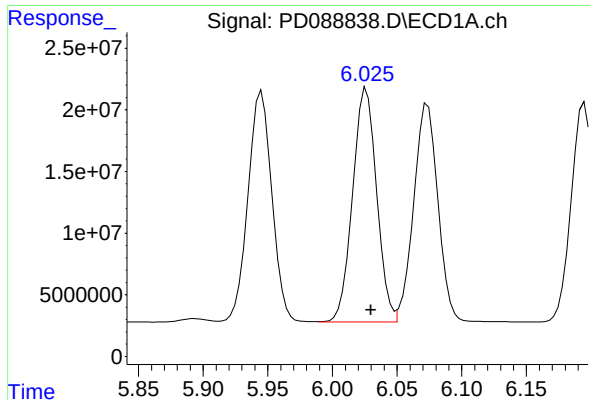
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 241837520
Conc: 60.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 1161277203
Conc: 54.44 ng/ml



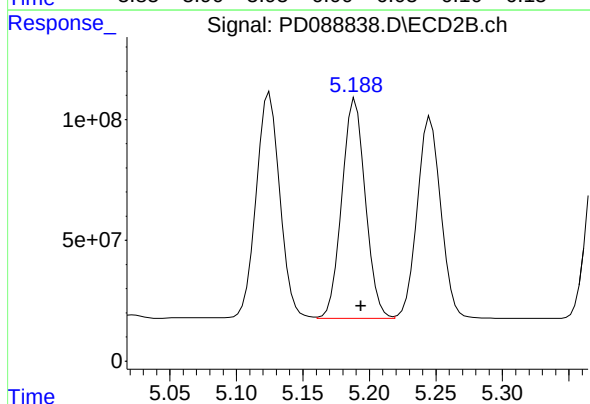
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 244612727
Conc: 61.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

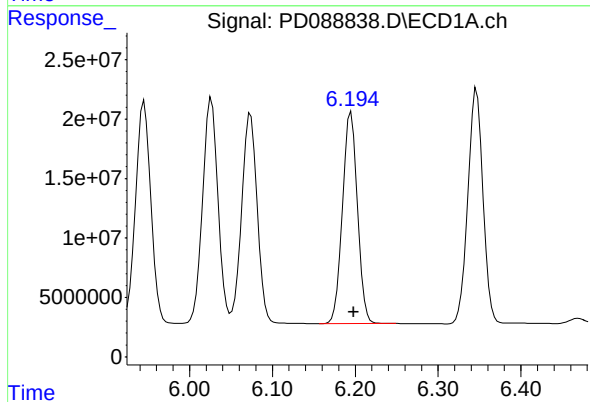
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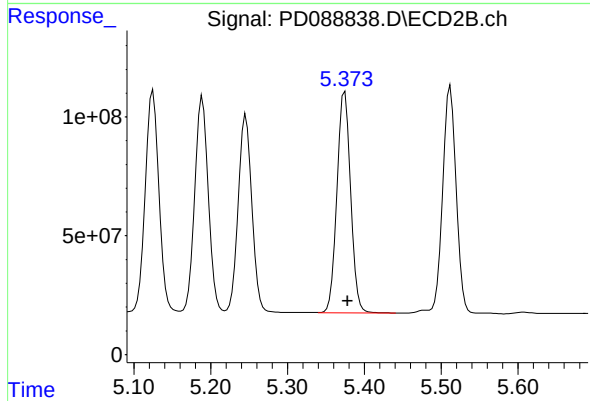
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 1118504009
Conc: 54.23 ng/ml



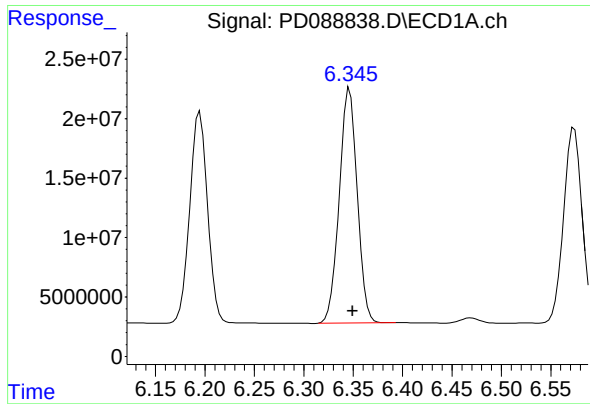
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 223492613
Conc: 62.26 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 1129447845
Conc: 54.03 ng/ml



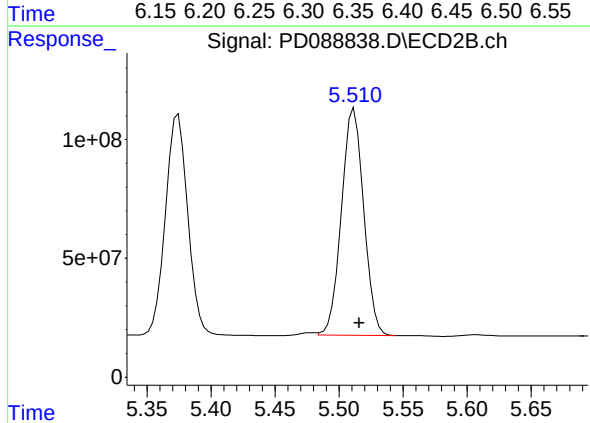
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 249351064
Conc: 62.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

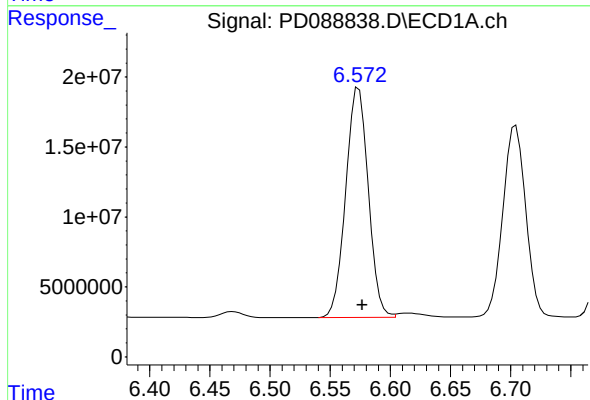
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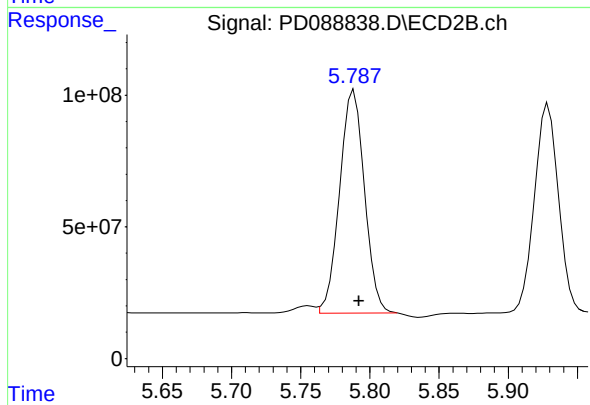
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.006 min
Response: 1152021015
Conc: 54.74 ng/ml m



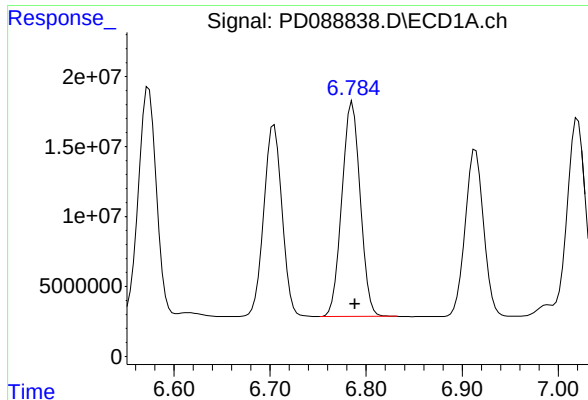
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 215062049
Conc: 62.97 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 1056905989
Conc: 54.81 ng/ml m



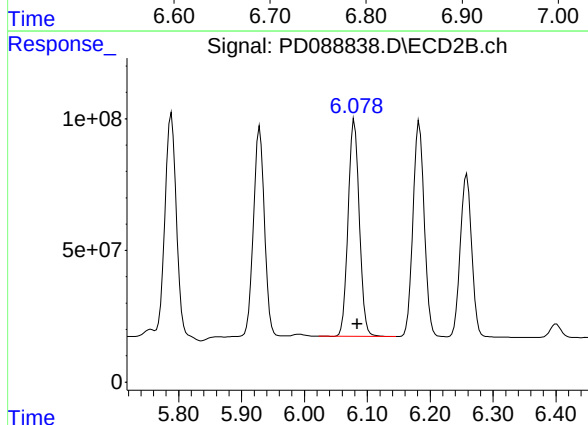
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.003 min
Response: 201844830
Conc: 58.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

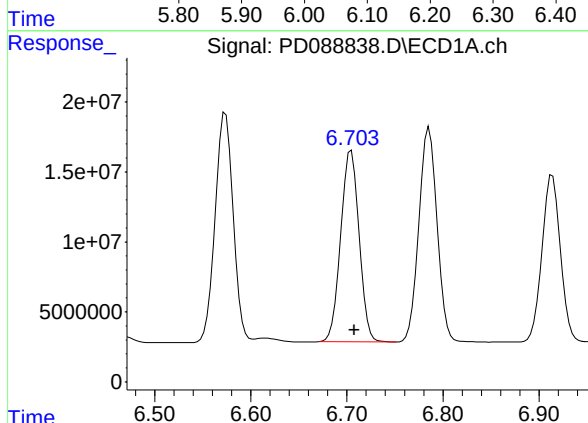
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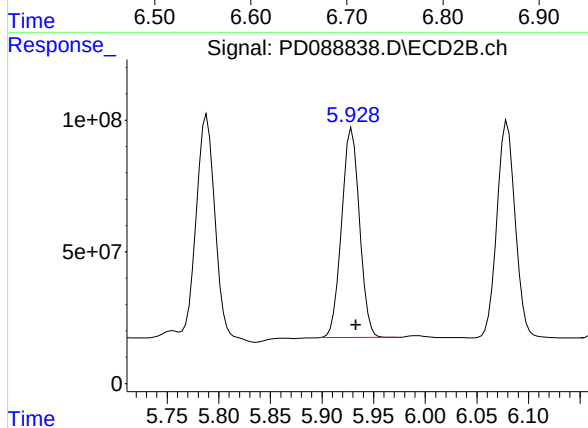
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 1016937625
Conc: 55.50 ng/ml



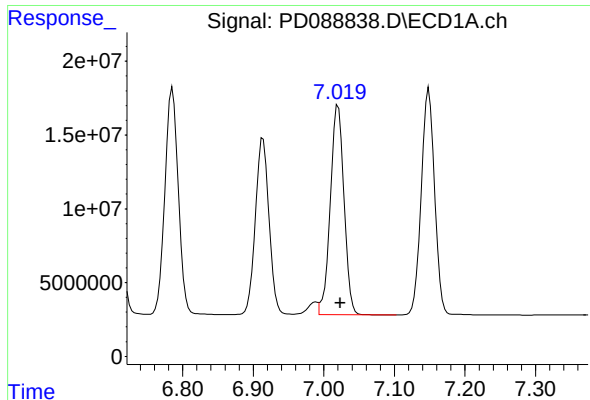
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 180405340
Conc: 64.78 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 961764602
Conc: 55.30 ng/ml



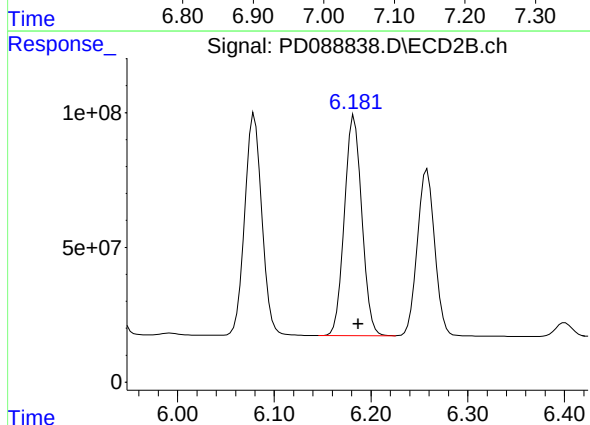
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 192175076
Conc: 61.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

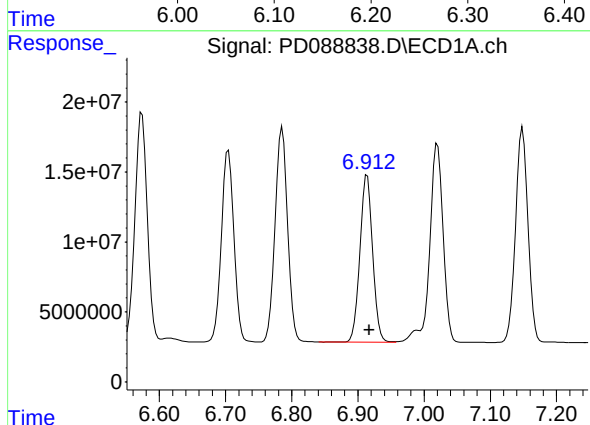
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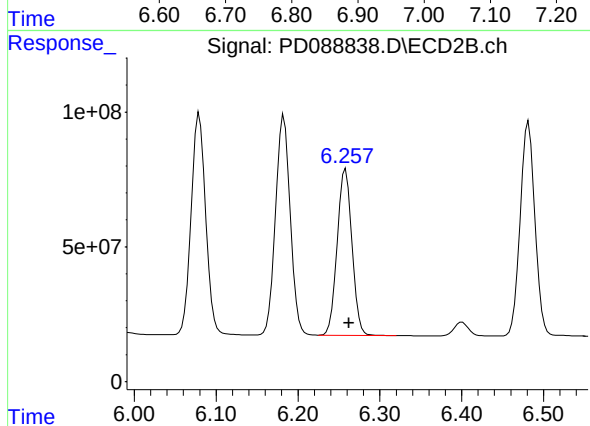
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1016686425
Conc: 56.05 ng/ml



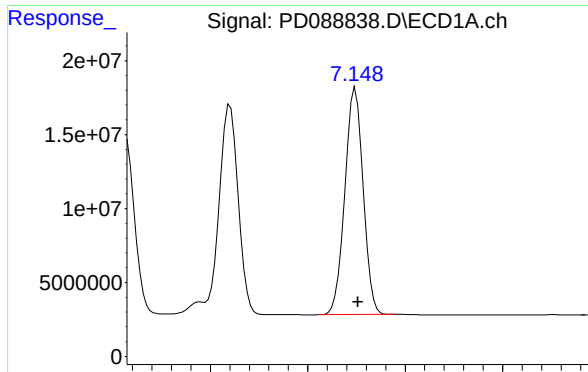
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 159828815
Conc: 62.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 776740888
Conc: 55.77 ng/ml



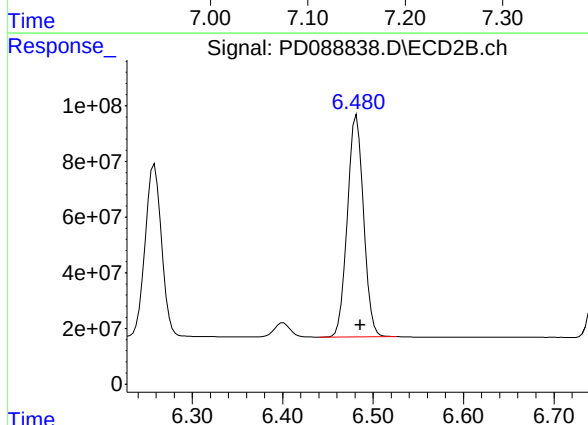
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.003 min
Response: 199846212
Conc: 62.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

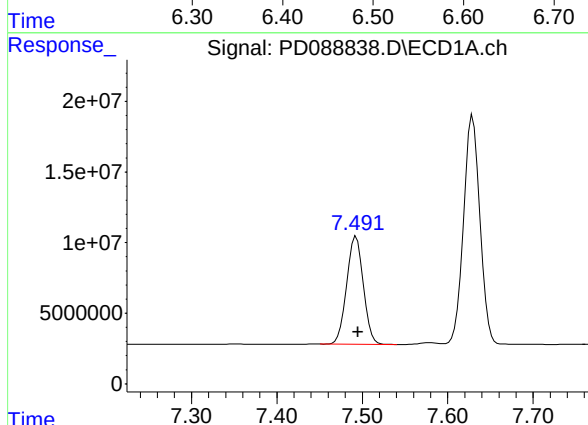
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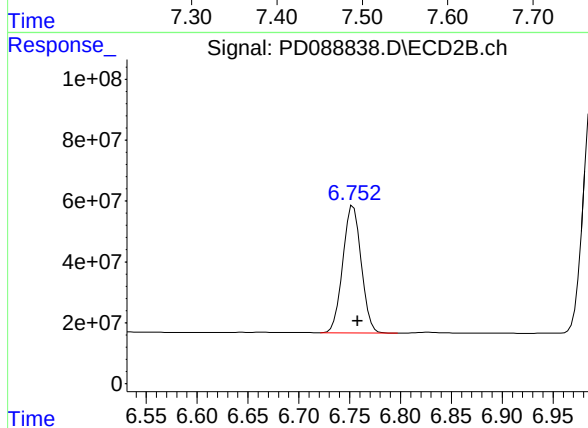
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 991243392
Conc: 55.83 ng/ml



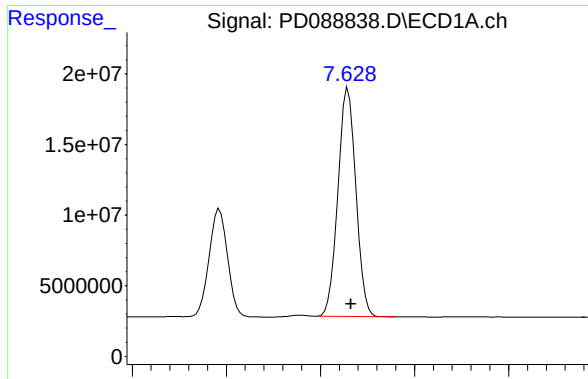
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 103793884
Conc: 62.13 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 526757355
Conc: 55.02 ng/ml



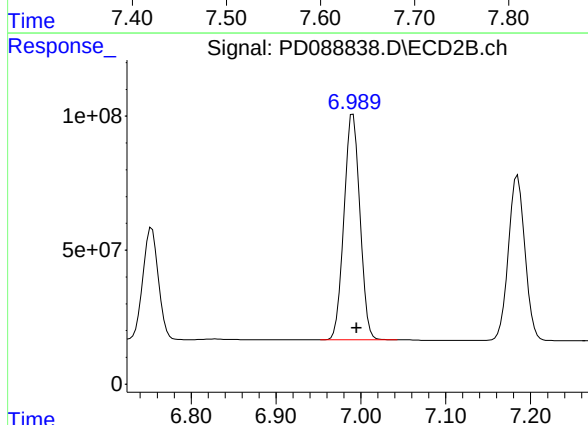
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 214863160
Conc: 62.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-207-SB02MS

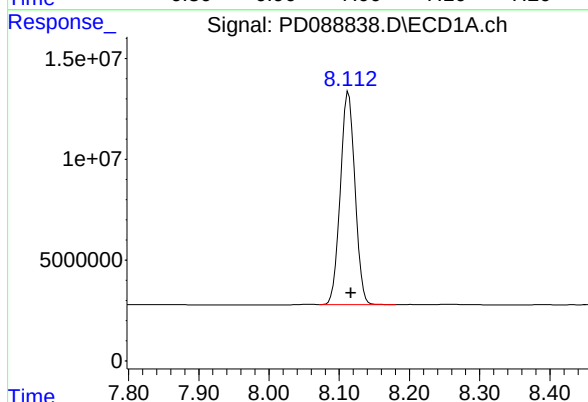
Manual Integrations
APPROVED

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



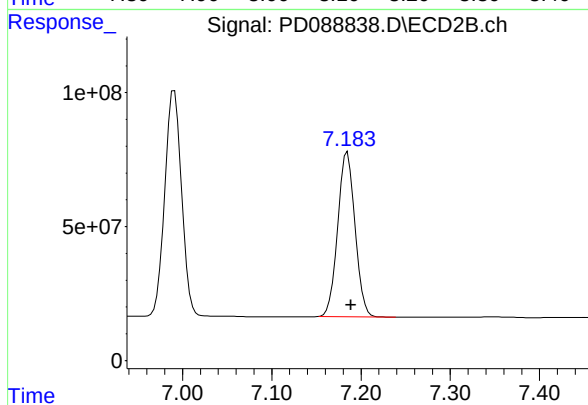
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 1100988046
Conc: 56.91 ng/ml



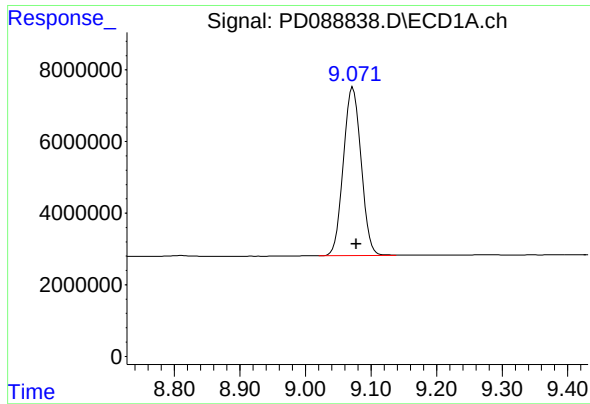
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 152390004
Conc: 58.65 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 827988656
Conc: 54.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.005 min
Response: 88460583
Conc: 25.85 ng/ml

Instrument :

ECD_D

ClientSampleId :

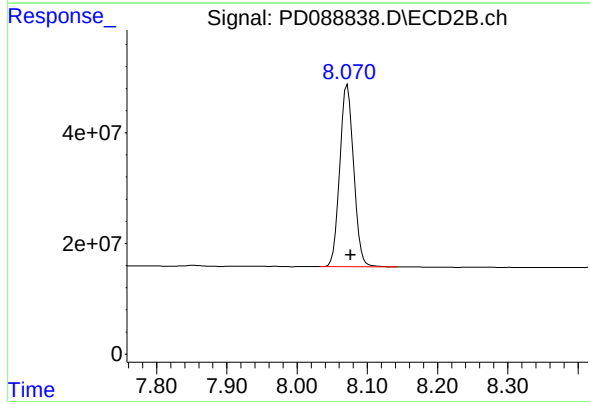
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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 452094964
Conc: 24.76 ng/ml