

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050125\
 Data File : PD088377.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 15:15
 Operator : AR\AJ
 Sample : Q1901-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B-167-SB01MS

Manual Integrations
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Reviewed By :Abdul
 Mirza

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:32:35 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

05/02/2025
 Supervised By :mohammad
 ahmed

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	05/05/2025

System Monitoring Compounds							
1) SA Tetrachlo...	3.551	2.882	36861410	275.2E6	18.455	18.819	
28) SA Decachlor...	9.073	8.075	68809273	350.8E6	20.800	18.982	
Target Compounds							
2) A alpha-BHC	4.000	3.395	235.8E6	1126.2E6	54.674	49.263	
3) MA gamma-BHC...	4.331	3.731	232.4E6	1056.7E6	55.491	49.060	
4) MA Heptachlor	4.930	4.085	217.9E6	1014.4E6	53.951	47.407	
5) MB Aldrin	5.271	4.370	215.8E6	1006.6E6	54.637	48.387	
6) B beta-BHC	4.515	4.027	87031480	474.2E6	53.611	51.240	
7) B delta-BHC	4.763	4.264	254.2E6	1062.3E6	61.633m	49.963	
8) B Heptachlo...	5.691	4.875	198.5E6	930.3E6	55.538	49.239	
9) A Endosulfan I	6.075	5.249	189.2E6	886.2E6	56.020	49.201	
10) B gamma-Chl...	5.946	5.128	202.0E6	998.5E6	55.779	49.198	
11) B alpha-Chl...	6.027	5.192	200.5E6	961.6E6	55.553	49.054	
12) B 4,4'-DDE	6.196	5.377	180.1E6	963.7E6	54.597	48.935	
13) MA Dieldrin	6.347	5.515	202.3E6	981.3E6	56.695	49.229	
14) MA Endrin	6.575	5.791	165.3E6	881.8E6	55.424	48.443	
15) B Endosulfa...	6.786	6.082	170.8E6	862.0E6	54.646	49.197	
16) A 4,4'-DDD	6.705	5.931	144.9E6	830.1E6	57.621	50.658	
17) MA 4,4'-DDT	7.022	6.185	146.7E6	789.4E6	52.831	46.391	
18) B Endrin al...	6.915	6.260	128.7E6	653.1E6	55.767	49.098	
19) B Endosulfa...	7.149	6.484	160.3E6	829.6E6	55.736	48.419	
20) A Methoxychlor	7.493	6.756	75839303	419.5E6	50.575	45.993	
21) B Endrin ke...	7.630	6.993	171.9E6	903.8E6	55.689	48.320	
22) Mirex	8.114	7.187	123.2E6	682.4E6	52.456	46.045	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050125\
Data File : PD088377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 15:15
Operator : AR\AJ
Sample : Q1901-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

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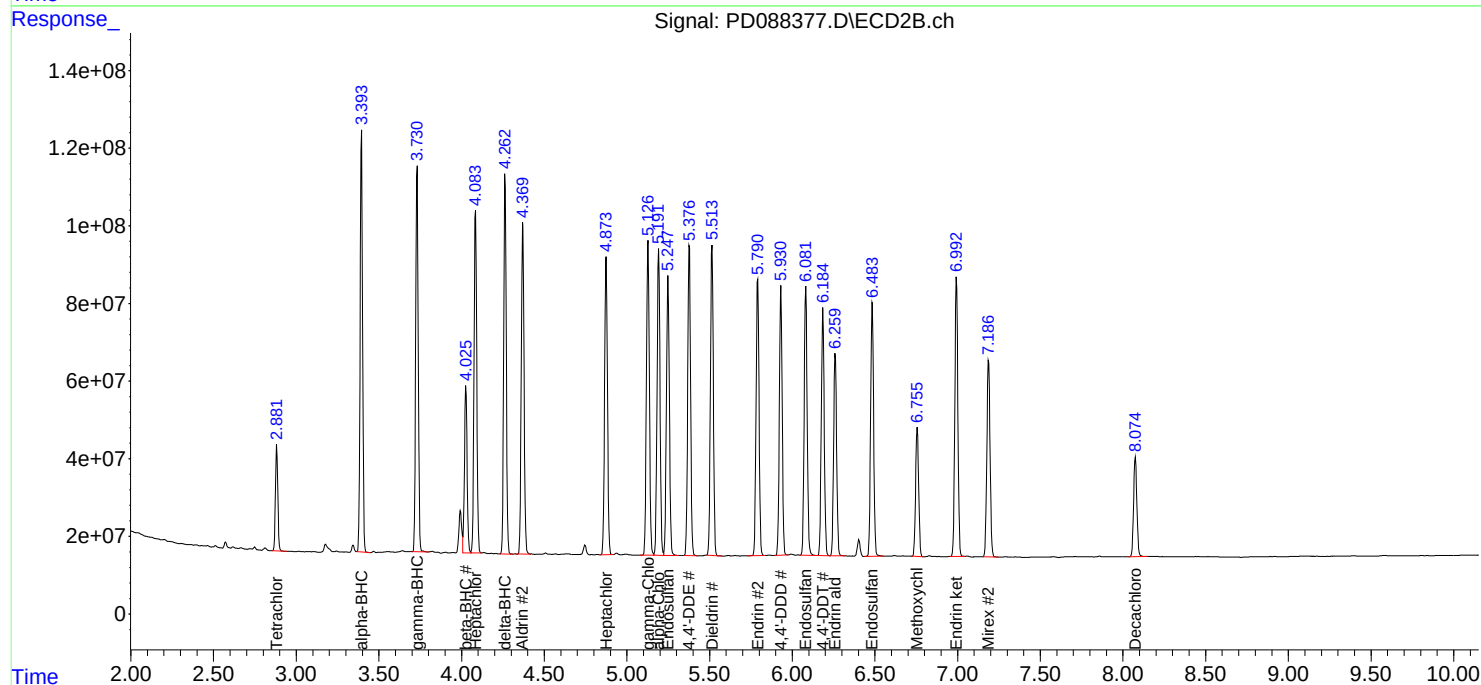
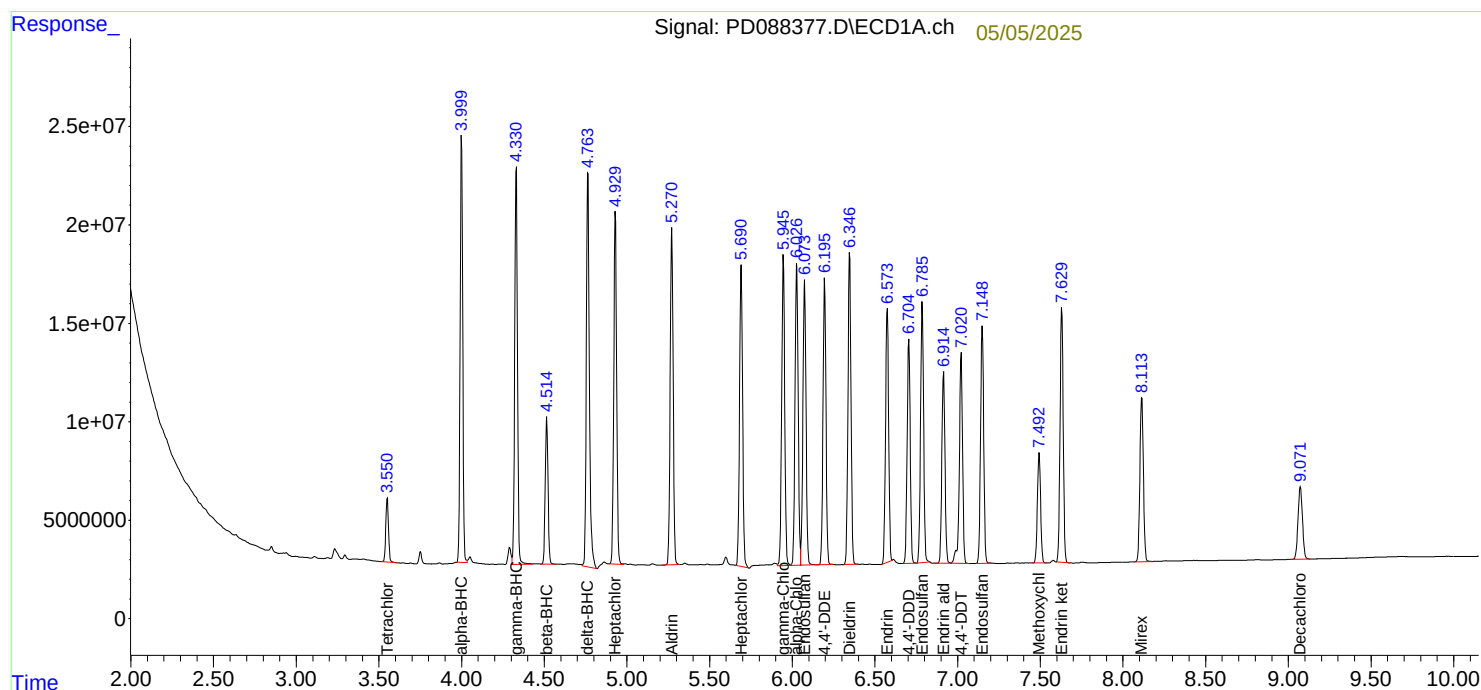
Mirza

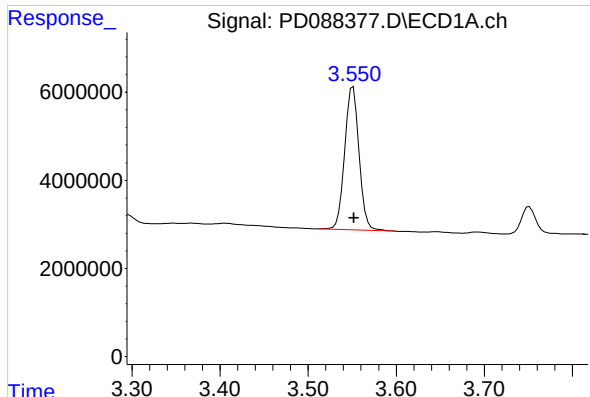
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 01:32:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

05/02/2025

Supervised By :mohammad
ahmed

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





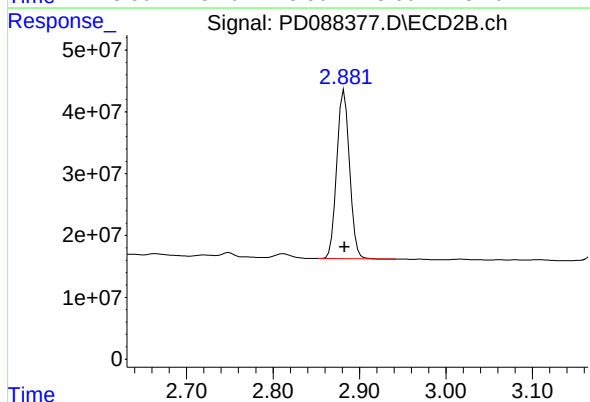
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 36861410
Conc: 18.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
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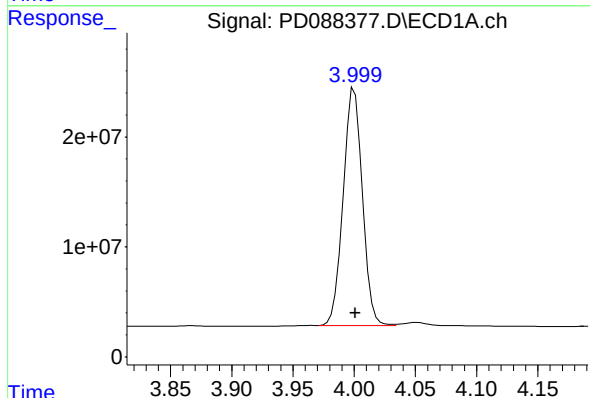


#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 275167409
Conc: 18.82 ng/ml

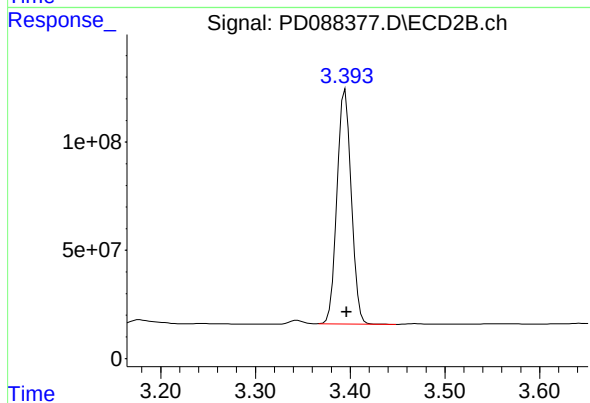
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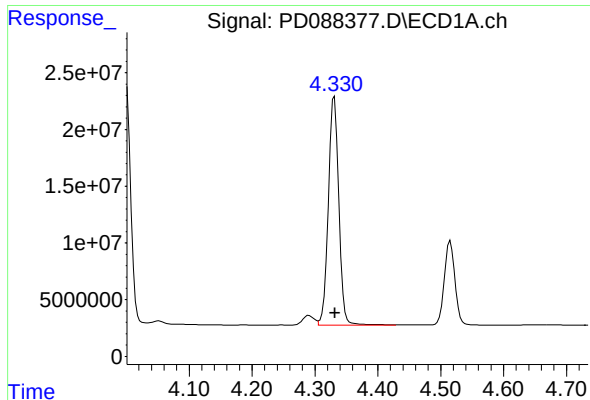
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 235755638
Conc: 54.67 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1126226787
Conc: 49.26 ng/ml



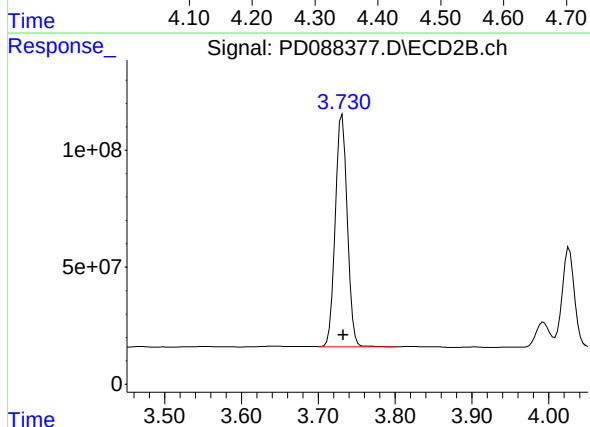
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 232370026
Conc: 55.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

Manual Integrations
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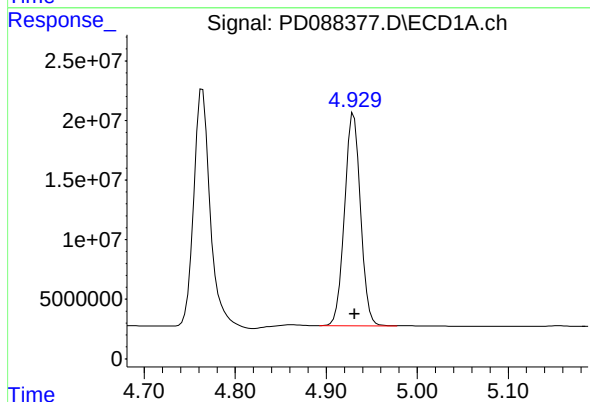


#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1056681198
Conc: 49.06 ng/ml

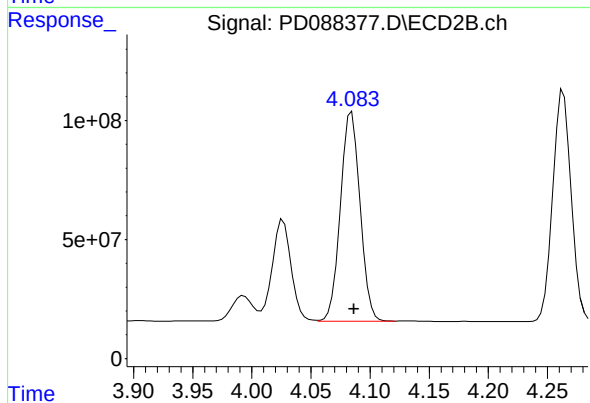
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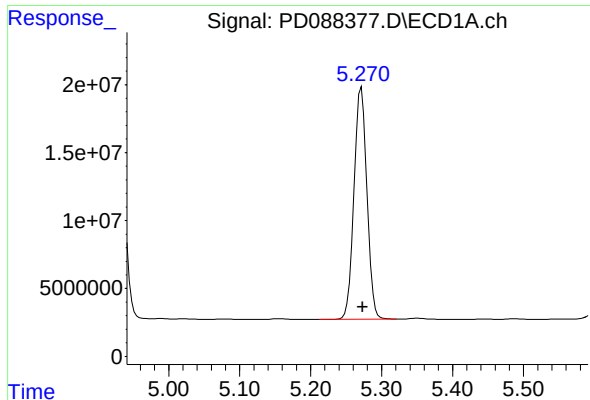
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 217906698
Conc: 53.95 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 1014428682
Conc: 47.41 ng/ml



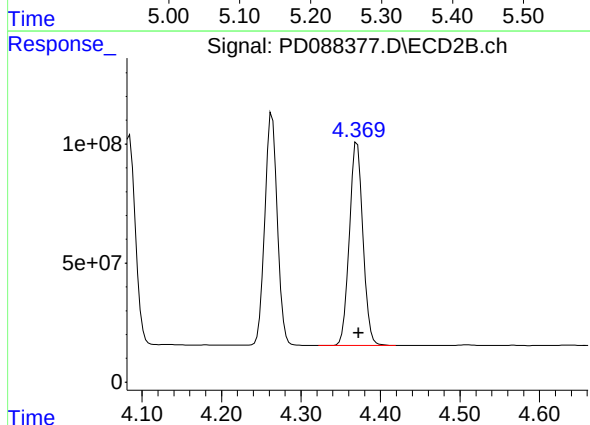
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 215791632
Conc: 54.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

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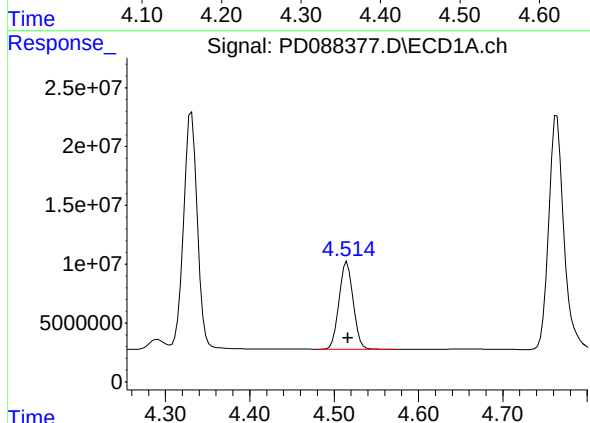


#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.002 min
Response: 1006592794
Conc: 48.39 ng/ml

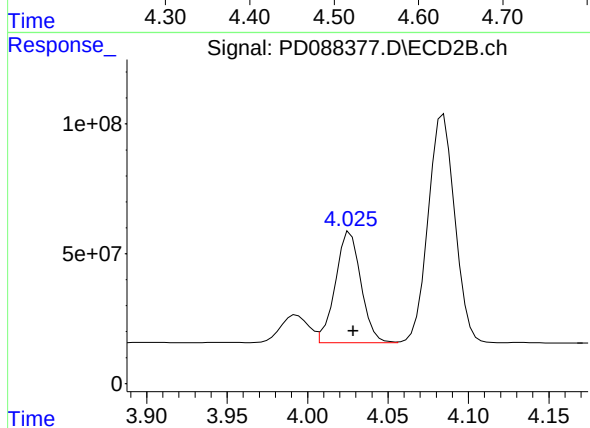
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Supervised By :mohammad
ahmed

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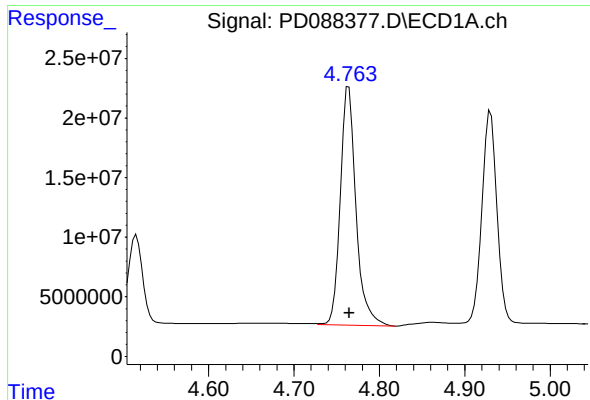
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 87031480
Conc: 53.61 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 474181503
Conc: 51.24 ng/ml



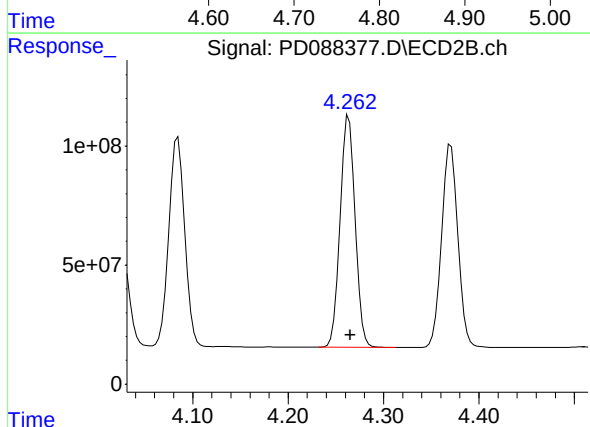
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 254234821
Conc: 61.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

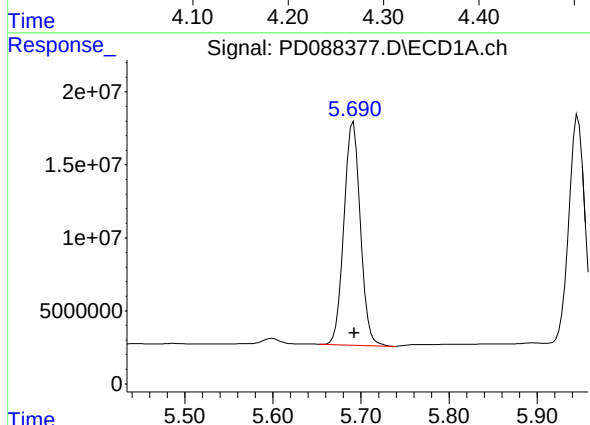
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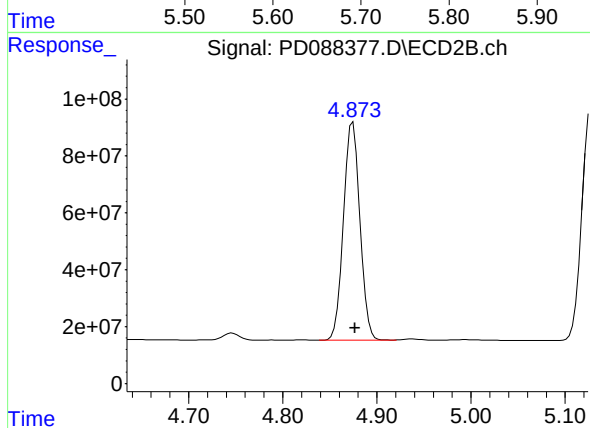
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.002 min
Response: 1062293454
Conc: 49.96 ng/ml



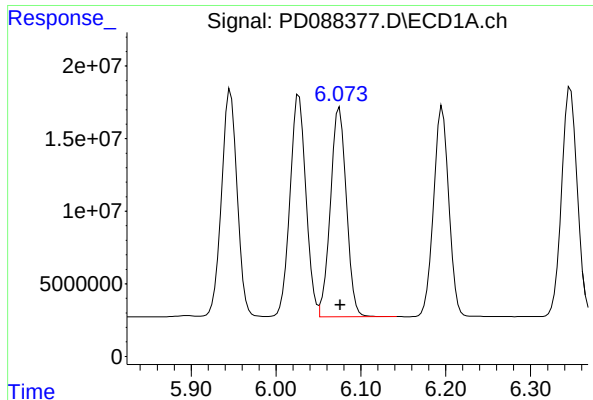
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 198490173
Conc: 55.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 930333248
Conc: 49.24 ng/ml



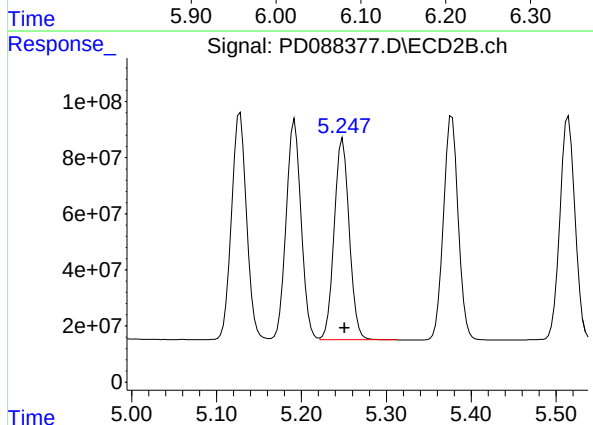
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 189189274
Conc: 56.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

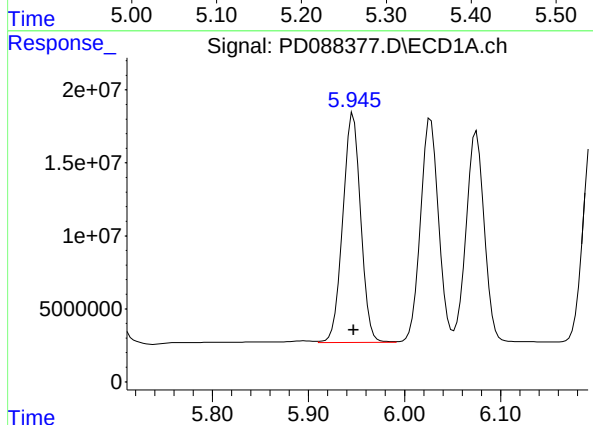
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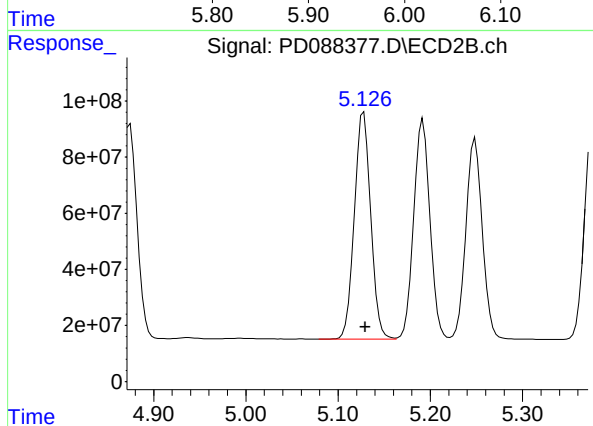
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 886228130
Conc: 49.20 ng/ml



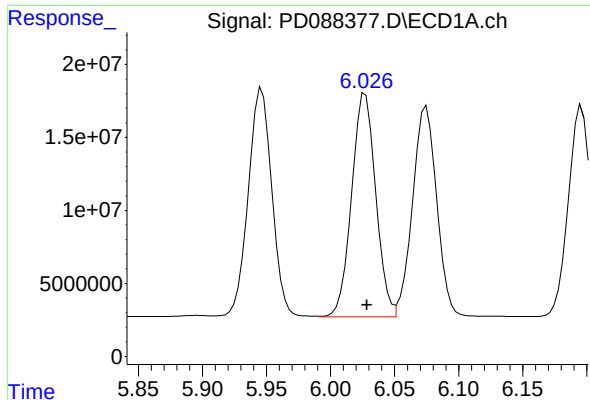
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 202035700
Conc: 55.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 998519168
Conc: 49.20 ng/ml



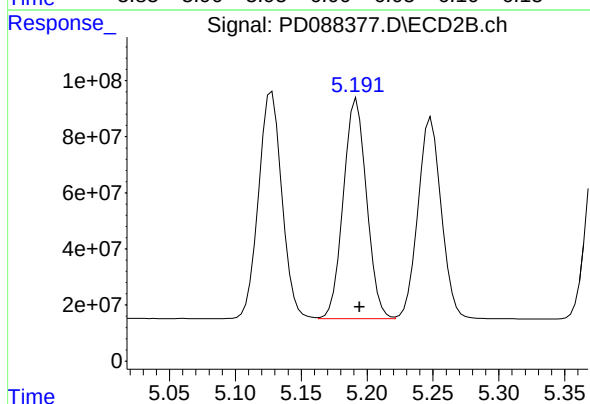
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 200521121
Conc: 55.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

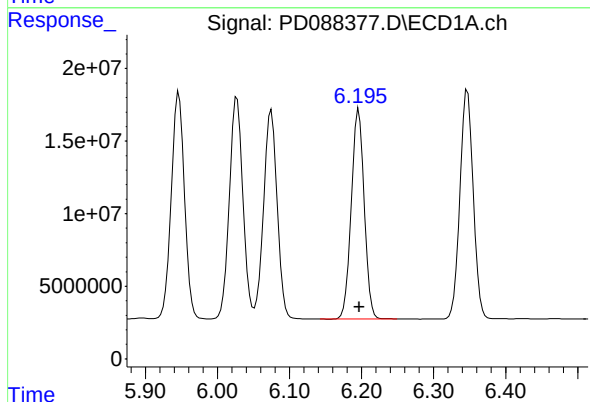
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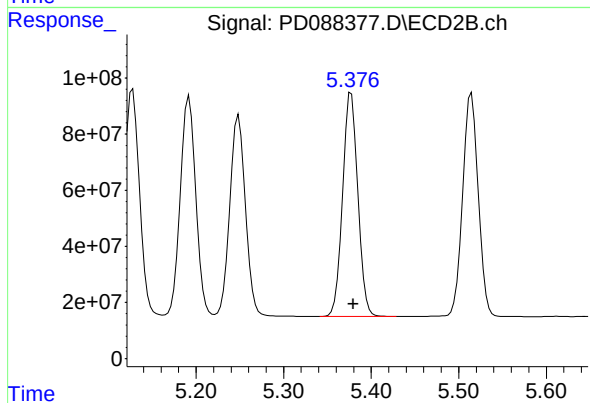
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 961597112
Conc: 49.05 ng/ml



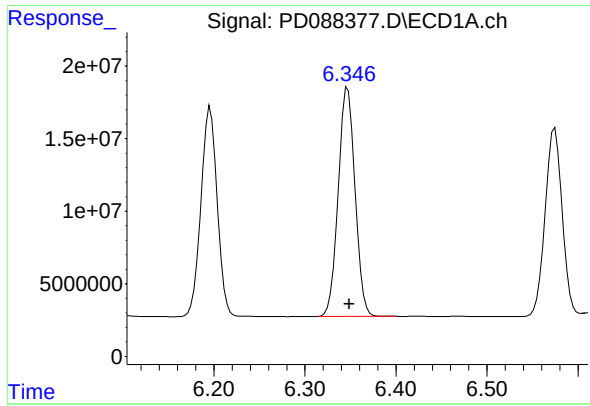
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 180075673
Conc: 54.60 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 963715227
Conc: 48.93 ng/ml



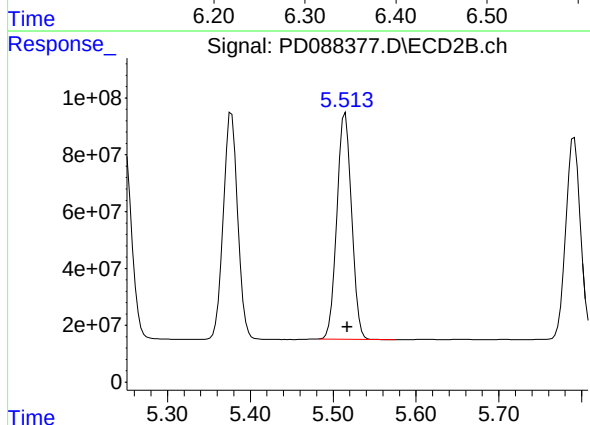
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 202317589
Conc: 56.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

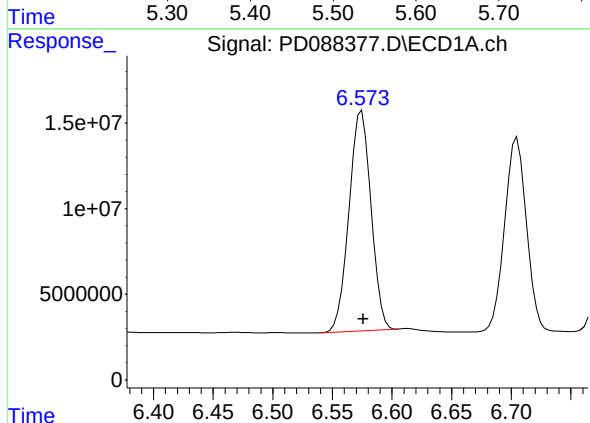
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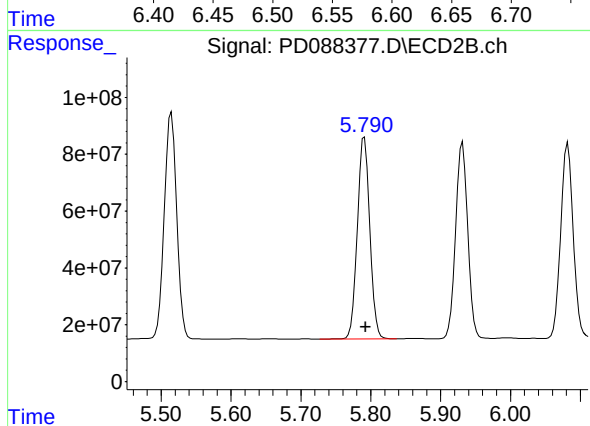
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 981265411
Conc: 49.23 ng/ml



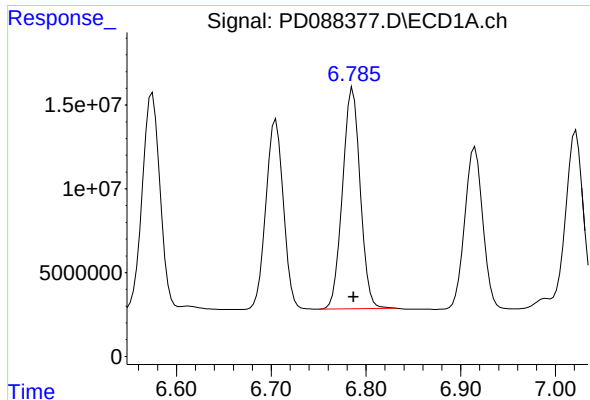
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 165307119
Conc: 55.42 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 881773213
Conc: 48.44 ng/ml



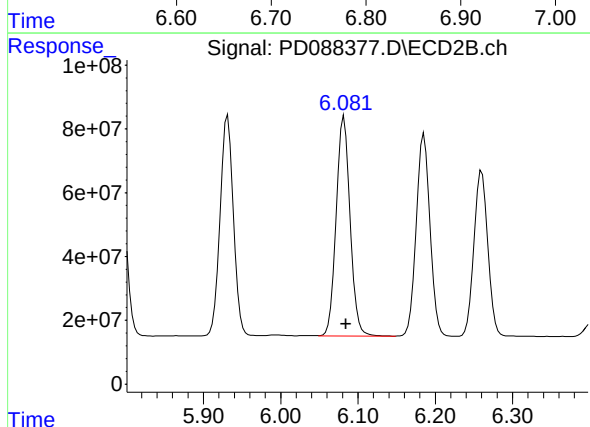
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.001 min
Response: 170834070
Conc: 54.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
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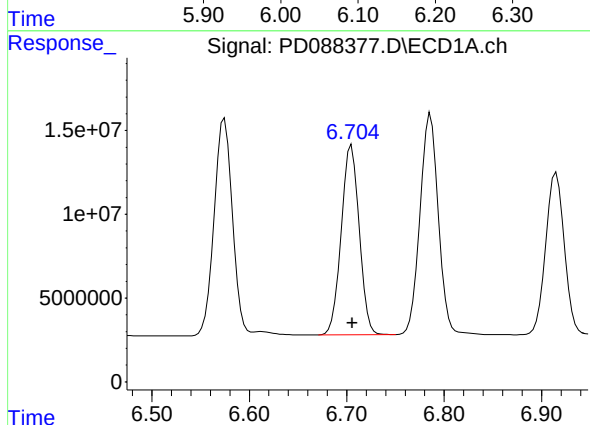
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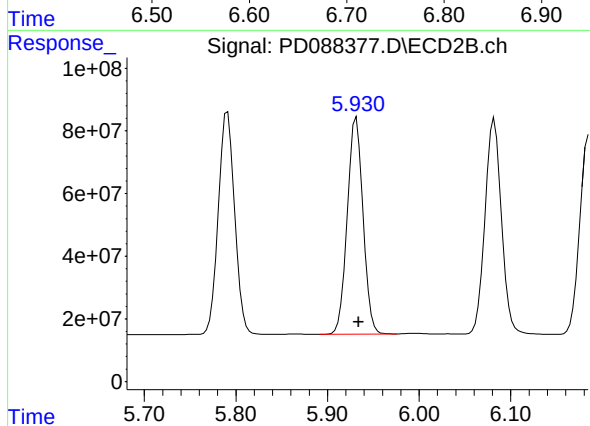
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 862008494
Conc: 49.20 ng/ml



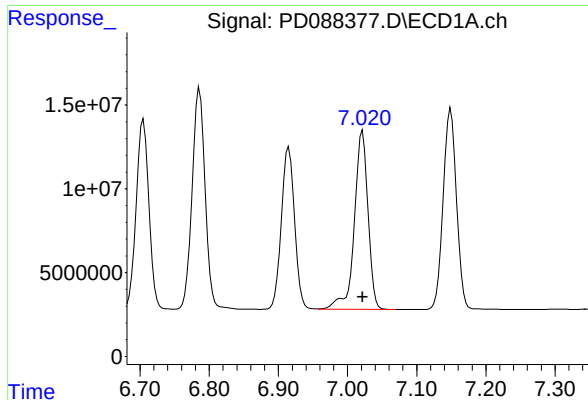
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 144914157
Conc: 57.62 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 830091549
Conc: 50.66 ng/ml



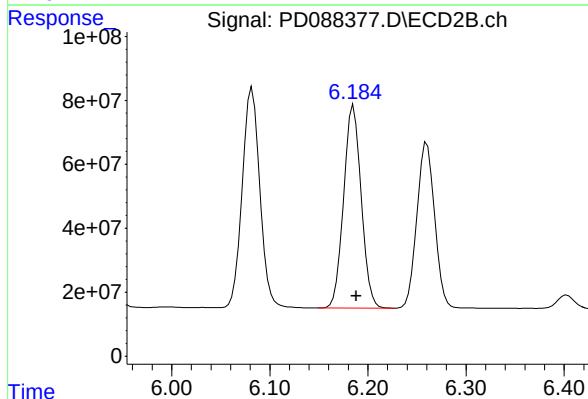
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 146741409
Conc: 52.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

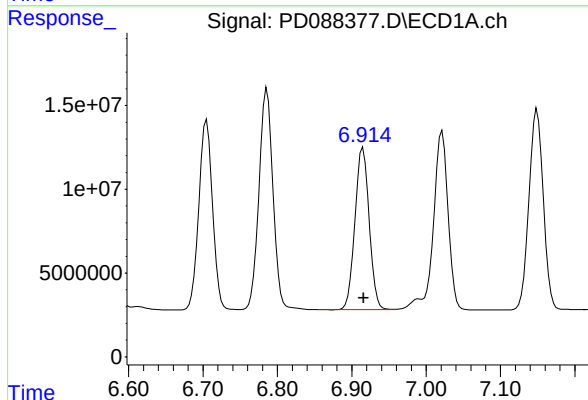
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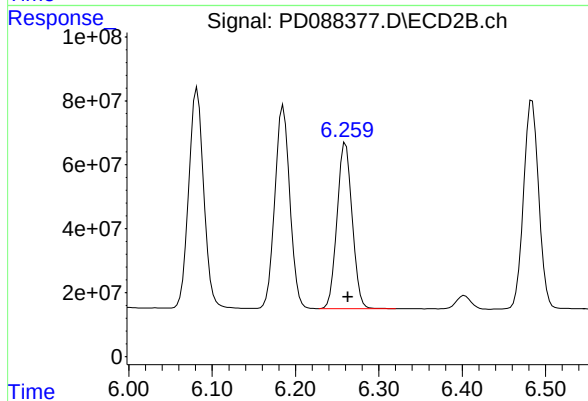
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 789405244
Conc: 46.39 ng/ml



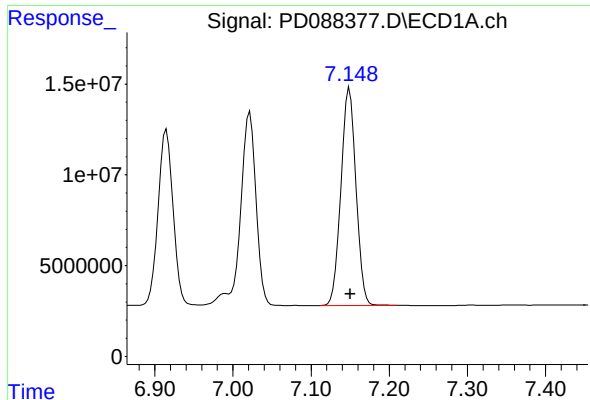
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 128708864
Conc: 55.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 653056904
Conc: 49.10 ng/ml



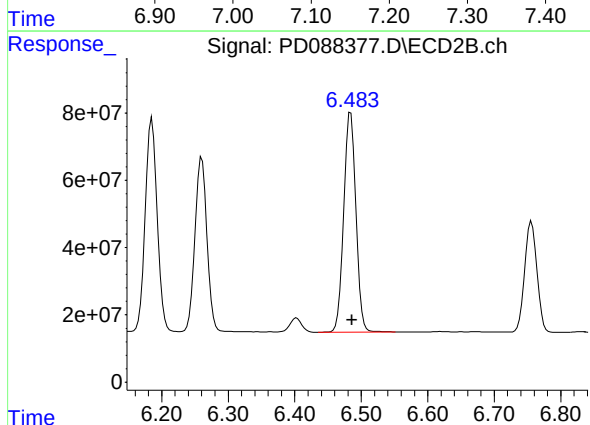
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: -0.001 min
Response: 160289113
Conc: 55.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

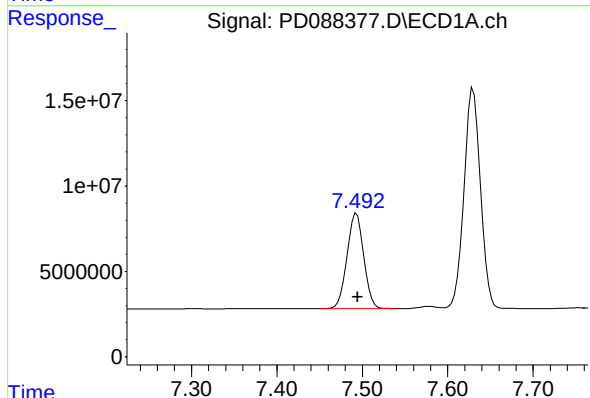
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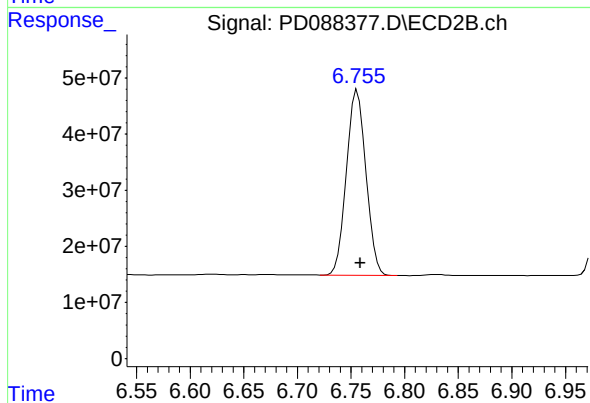
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 829577508
Conc: 48.42 ng/ml



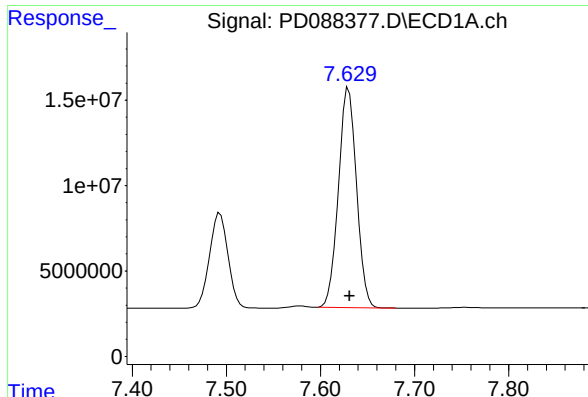
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 75839303
Conc: 50.57 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 419509207
Conc: 45.99 ng/ml



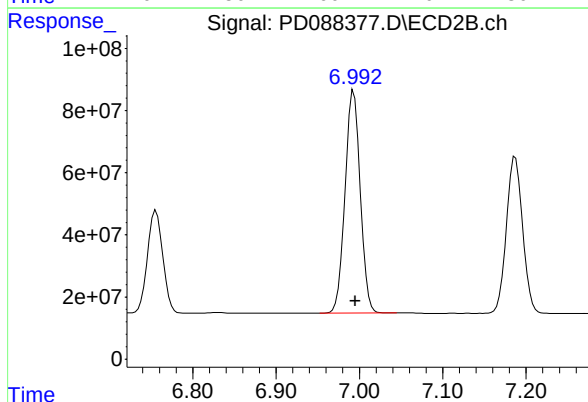
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 171887176
Conc: 55.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

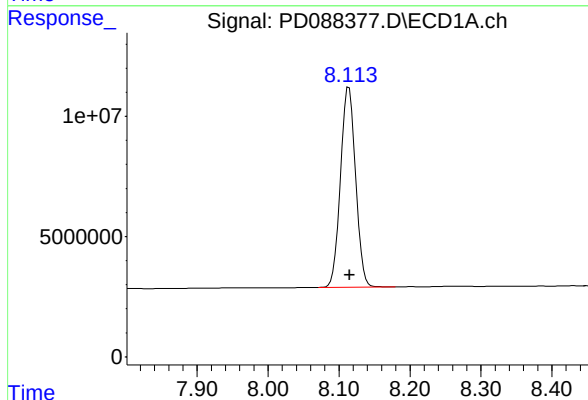
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2025
Supervised By :mohammad ahmed 05/05/2025



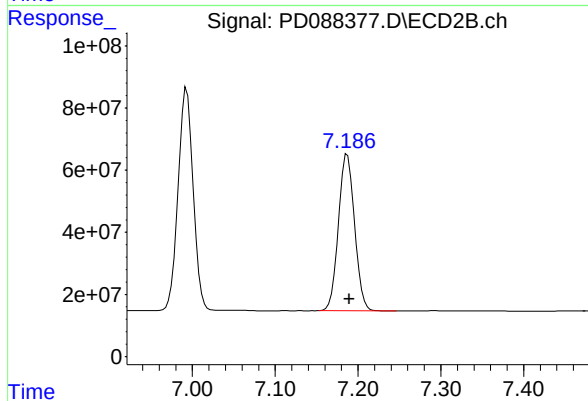
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 903779888
Conc: 48.32 ng/ml



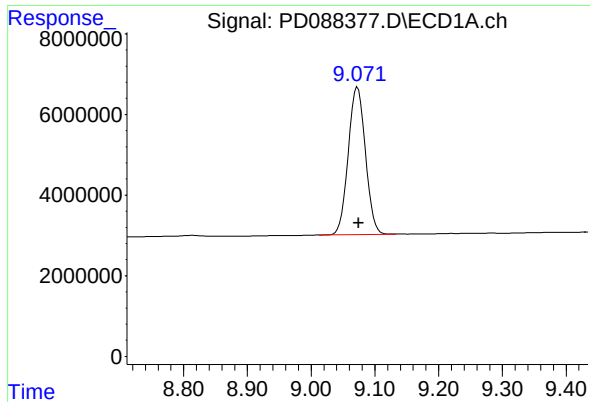
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.001 min
Response: 123183243
Conc: 52.46 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 682437281
Conc: 46.05 ng/ml



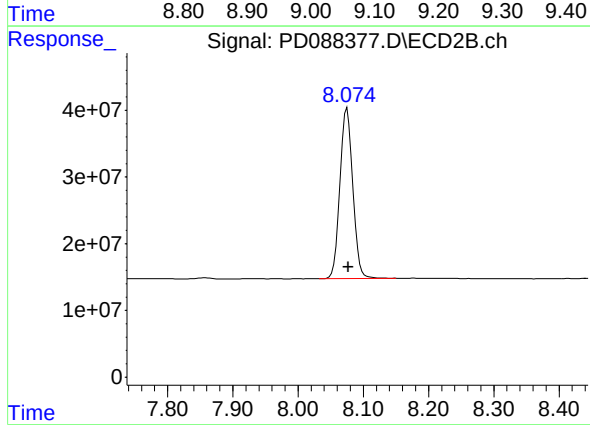
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 68809273
Conc: 20.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
B-167-SB01MS

Manual Integrations
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Supervised By :mohammad ahmed 05/05/2025



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 350788711
Conc: 18.98 ng/ml