

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
 Data File : PD088566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 15:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 02:19:58 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...	3.558	2.882	112.2E6	735.9E6	56.164	50.330
28)	SA Decachlor...	9.083	8.077	167.2E6	780.7E6	50.534m	42.246
Target Compounds							
2)	A alpha-BHC	4.007	3.394	256.7E6	1167.3E6	59.520	51.061
3)	MA gamma-BHC...	4.338	3.731	242.4E6	1073.5E6	57.895	49.841
4)	MA Heptachlor	4.938	4.085	226.9E6	1032.2E6	56.188	48.237
5)	MB Aldrin	5.280	4.371	229.9E6	1073.2E6	58.218	51.589
6)	B beta-BHC	4.523	4.027	92637997	466.4E6	57.065	50.395
7)	B delta-BHC	4.772	4.264	237.5E6	1078.7E6	57.582	50.735
8)	B Heptachlo...	5.699	4.875	201.2E6	940.8E6	56.296	49.793
9)	A Endosulfan I	6.082	5.250	192.1E6	844.7E6	56.890	46.893
10)	B gamma-Chl...	5.953	5.129	203.5E6	1011.2E6	56.189m	49.822
11)	B alpha-Chl...	6.035	5.194	207.9E6	968.2E6	57.594	49.393
12)	B 4,4'-DDE	6.204	5.377	181.0E6	967.8E6	54.864	49.144m
13)	MA Dieldrin	6.356	5.516	203.3E6	984.3E6	56.966	49.381
14)	MA Endrin	6.583	5.793	162.0E6	885.8E6	54.304	48.664
15)	B Endosulfa...	6.795	6.084	172.2E6	841.0E6	55.090	47.997
16)	A 4,4'-DDD	6.712	5.933	147.1E6	835.2E6	58.471m	50.969
17)	MA 4,4'-DDT	7.030	6.187	129.4E6	734.3E6	46.570	43.150
18)	B Endrin al...	6.923	6.262	118.6E6	603.2E6	51.378	45.351
19)	B Endosulfa...	7.158	6.486	155.2E6	806.1E6	53.963	47.050
20)	A Methoxychlor	7.502	6.758	69927669	386.6E6	46.633	42.384
21)	B Endrin ke...	7.639	6.995	163.5E6	862.5E6	52.963	46.111
22)	Mirex	8.123	7.190	120.6E6	662.7E6	51.349	44.715

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051525\
Data File : PD088566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 15:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

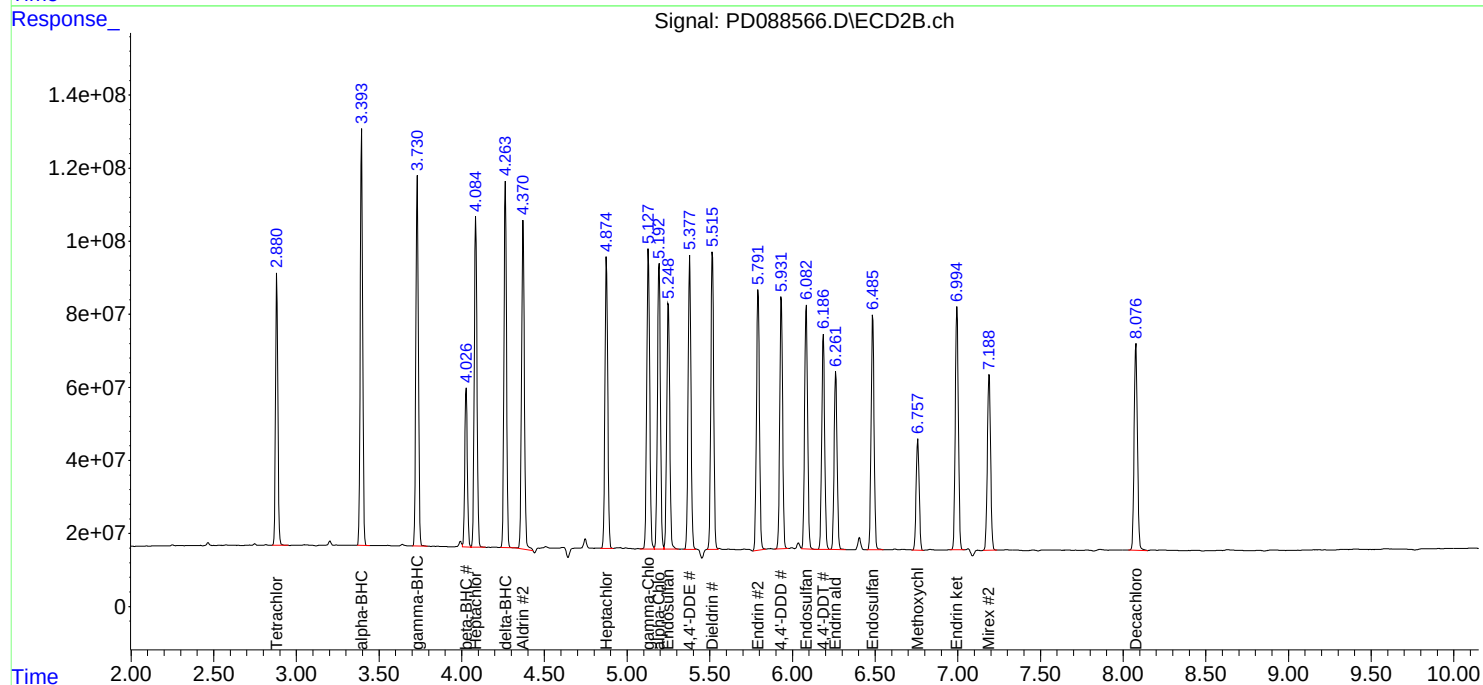
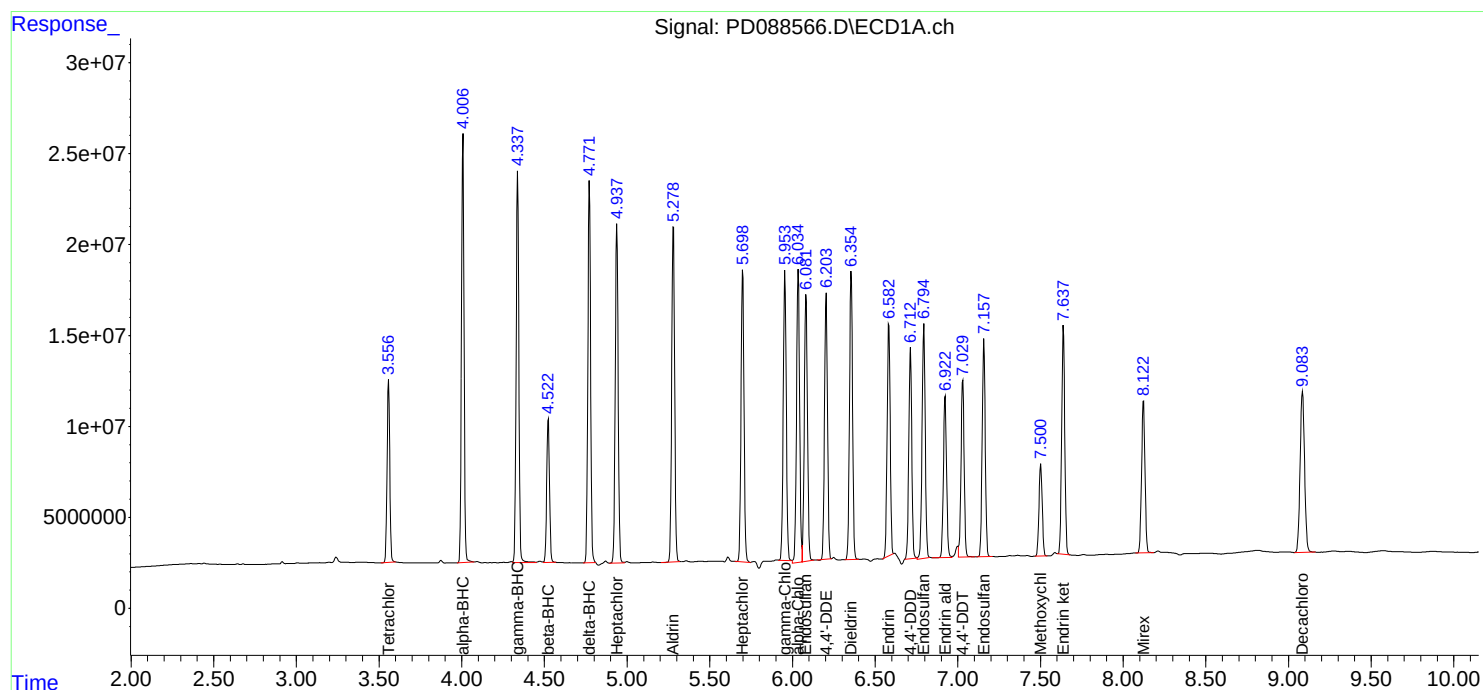
APPROVED

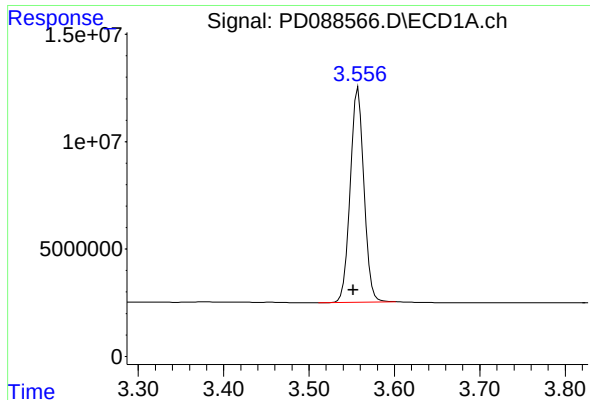
Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 02:19:58 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





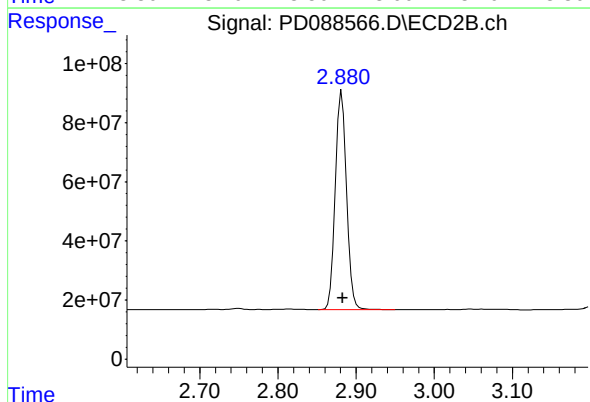
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.006 min
Response: 112182523
Conc: 56.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

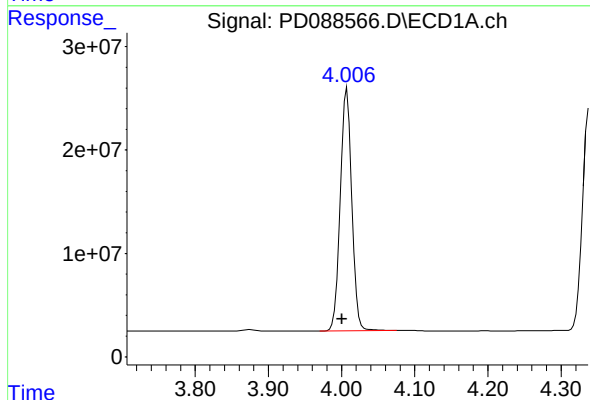
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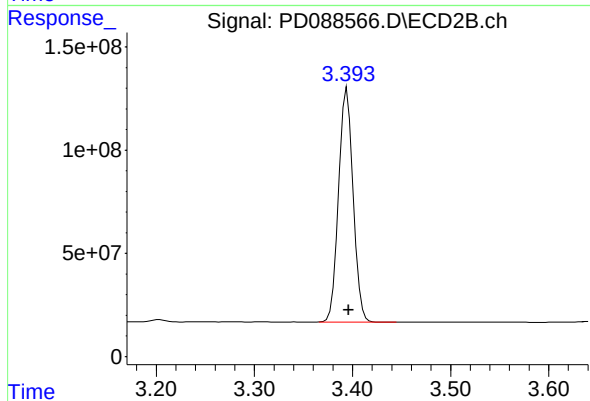
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 735906691
Conc: 50.33 ng/ml



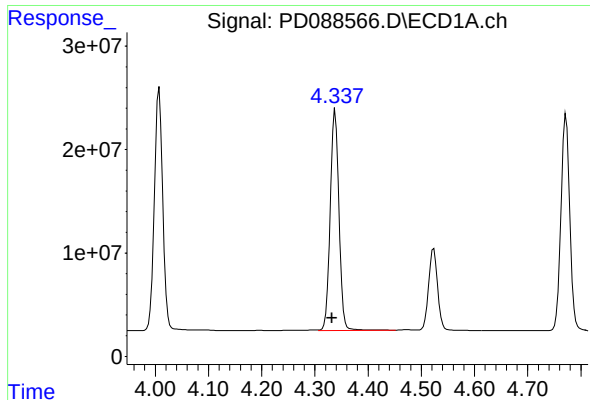
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.007 min
Response: 256650456
Conc: 59.52 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 1167336790
Conc: 51.06 ng/ml



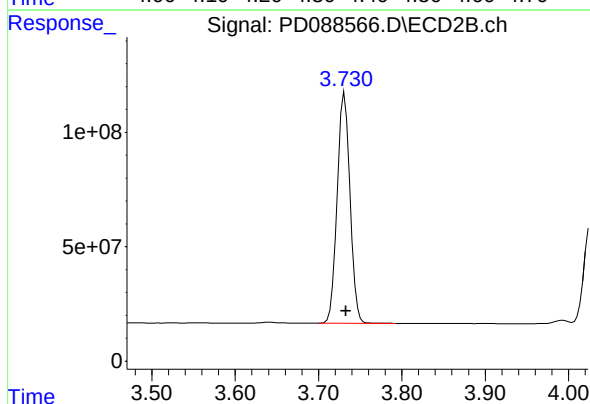
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.006 min
Response: 242436417
Conc: 57.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

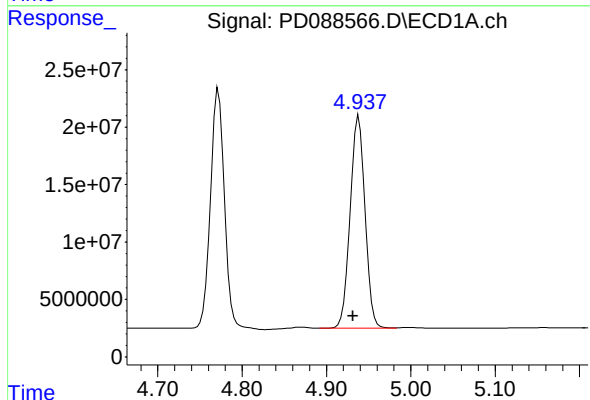
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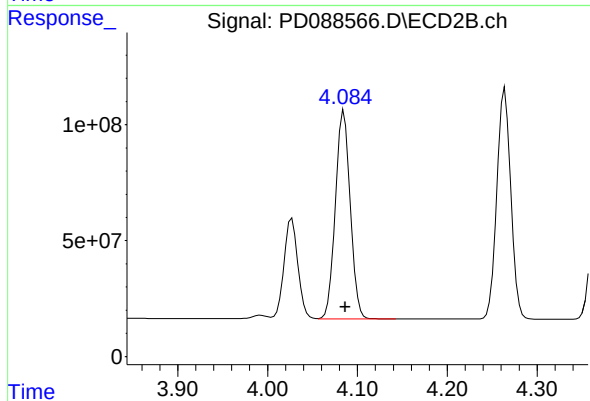
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1073512558
Conc: 49.84 ng/ml



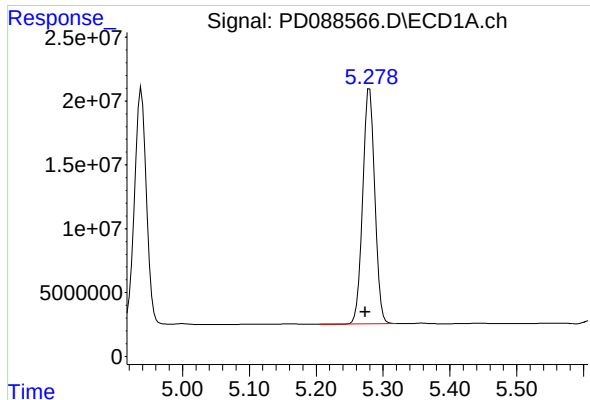
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.007 min
Response: 226942625
Conc: 56.19 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 1032182898
Conc: 48.24 ng/ml



#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.006 min
Response: 229937516
Conc: 58.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

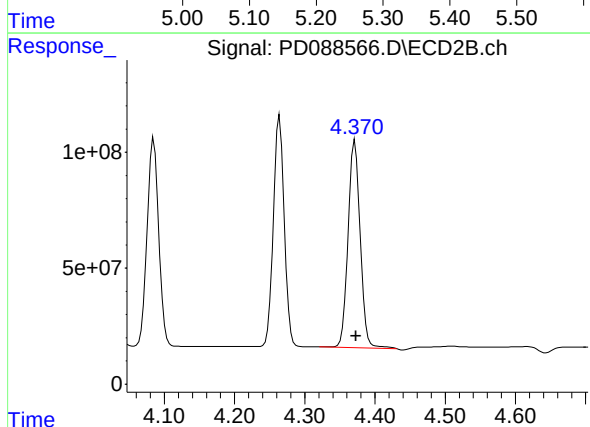
PSTDCCC050

Manual Integrations

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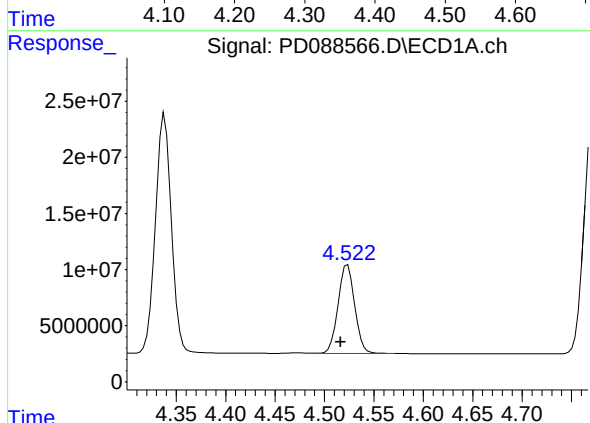
Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025



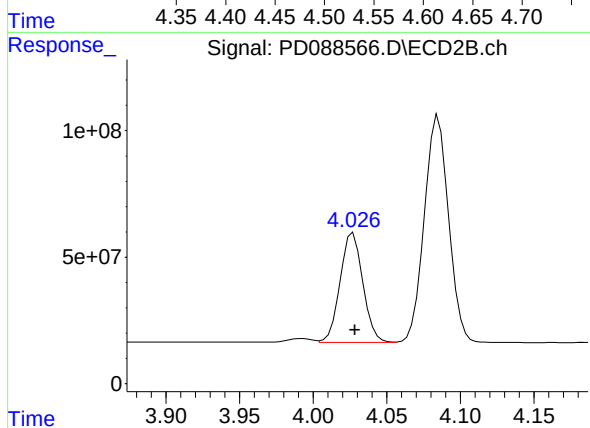
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 1073188416
Conc: 51.59 ng/ml



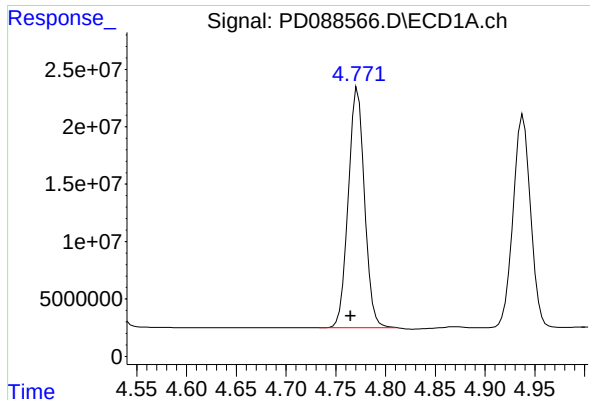
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.007 min
Response: 92637997
Conc: 57.06 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 466364599
Conc: 50.40 ng/ml



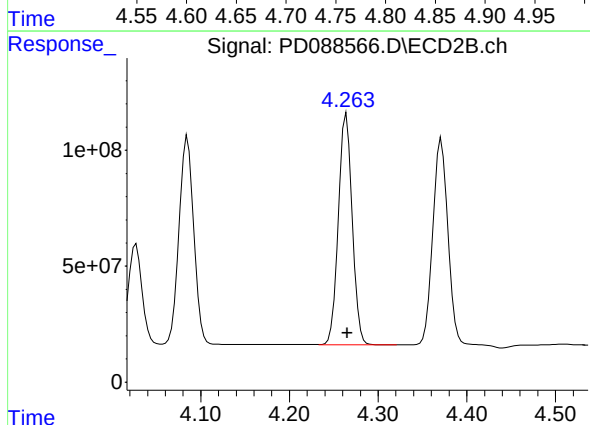
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.007 min
Response: 237524891
Conc: 57.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

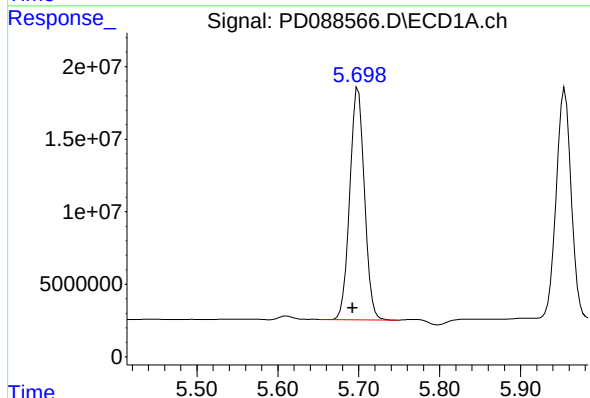
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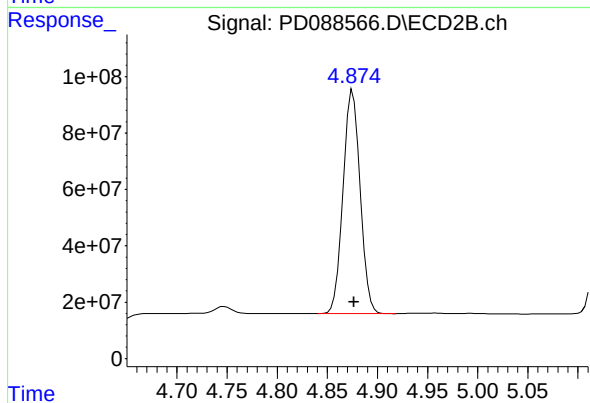
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 1078714989
Conc: 50.74 ng/ml



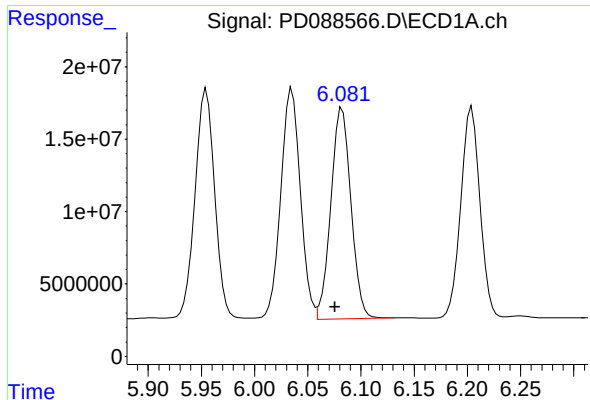
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 201198448
Conc: 56.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 940807961
Conc: 49.79 ng/ml



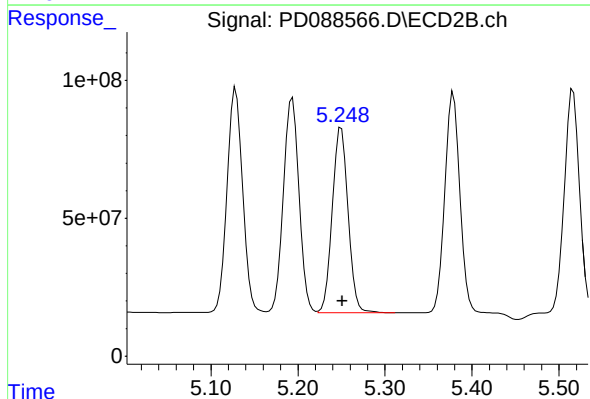
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.007 min
Response: 192124903
Conc: 56.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

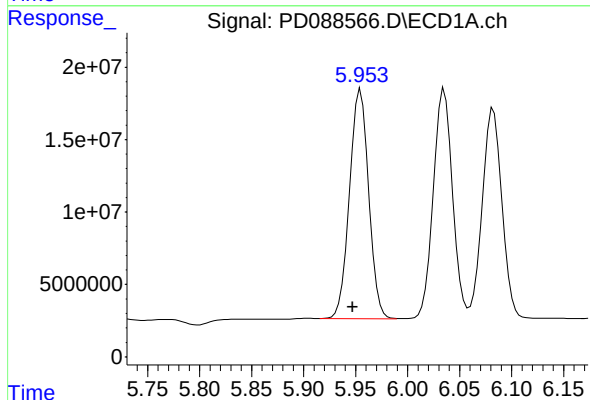
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Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



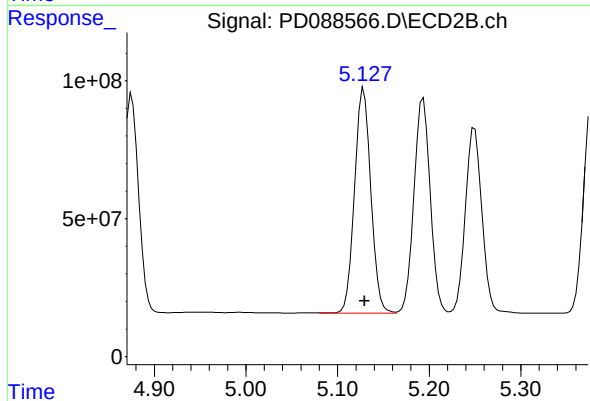
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: -0.001 min
Response: 844662569
Conc: 46.89 ng/ml



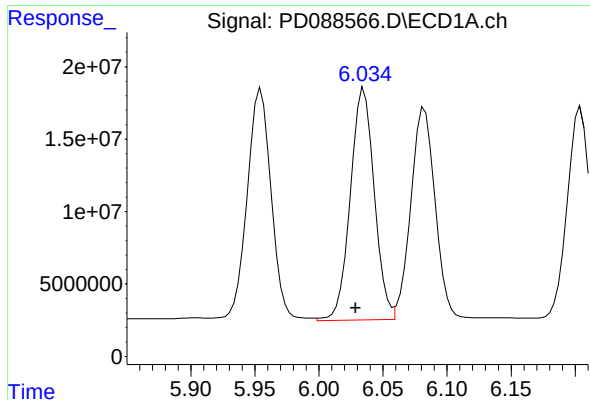
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.006 min
Response: 203518156
Conc: 56.19 ng/ml m



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1011185534
Conc: 49.82 ng/ml



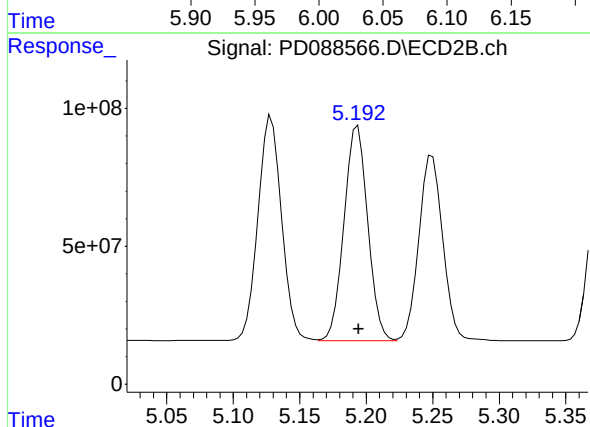
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.007 min
Response: 207890327
Conc: 57.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

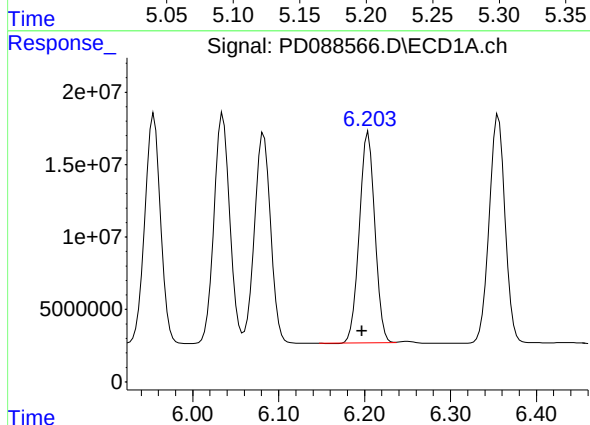
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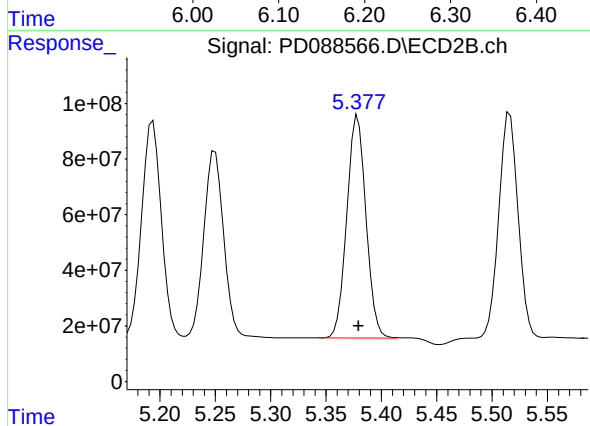
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 968245725
Conc: 49.39 ng/ml



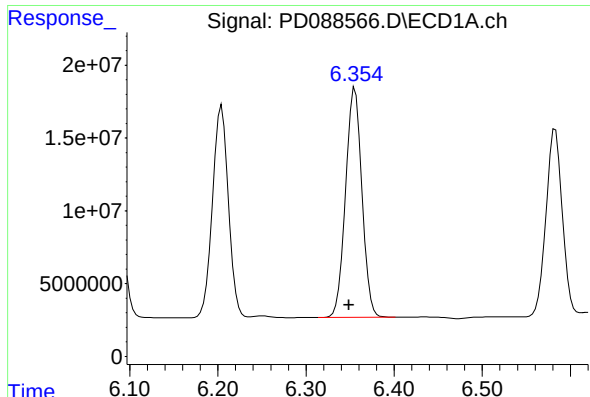
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.007 min
Response: 180955432
Conc: 54.86 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 967833466
Conc: 49.14 ng/ml m



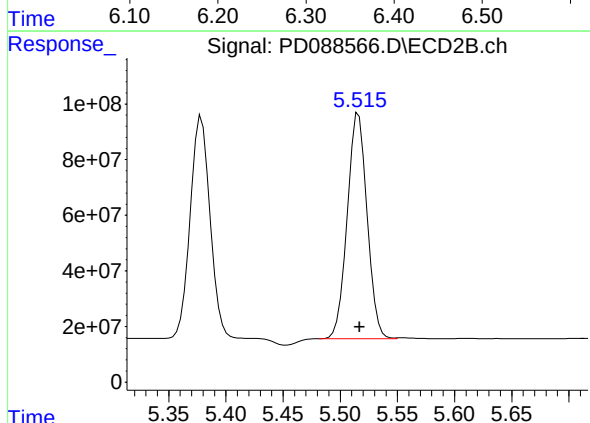
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.007 min
Response: 203281612
Conc: 56.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

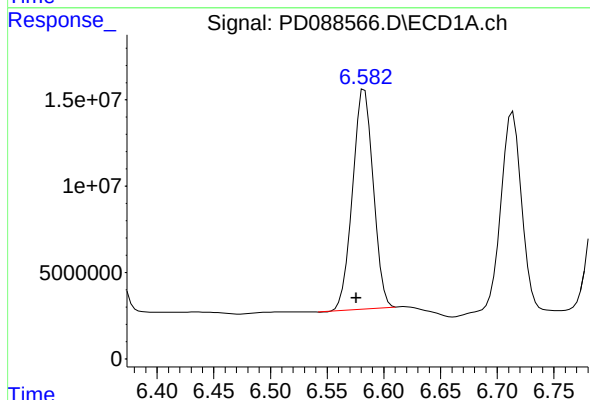
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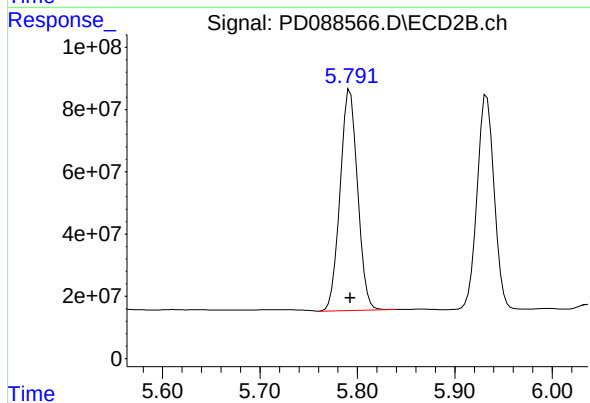
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 984301264
Conc: 49.38 ng/ml



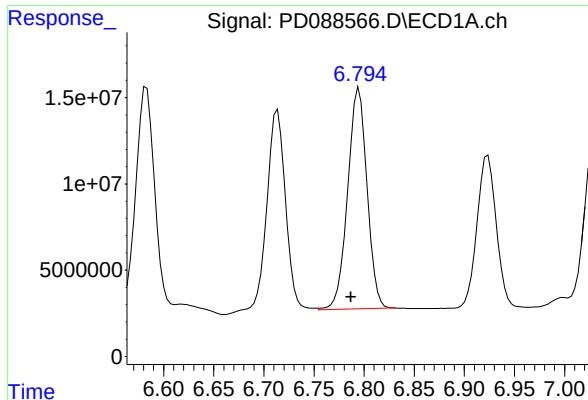
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.007 min
Response: 161964671
Conc: 54.30 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 885803653
Conc: 48.66 ng/ml



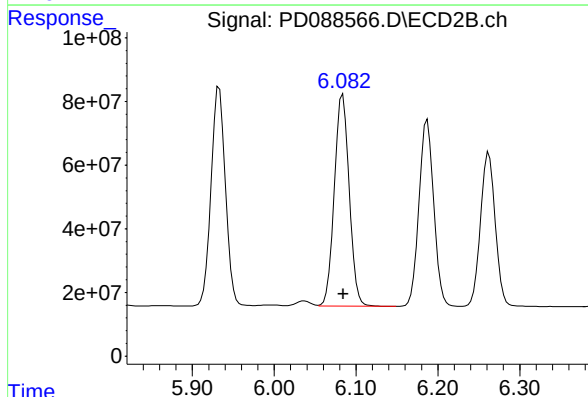
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.008 min
Response: 172224317
Conc: 55.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

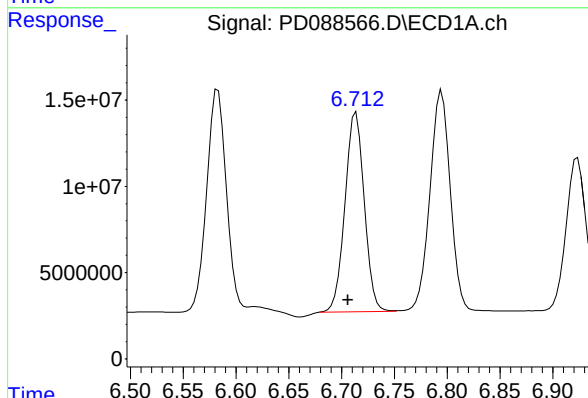
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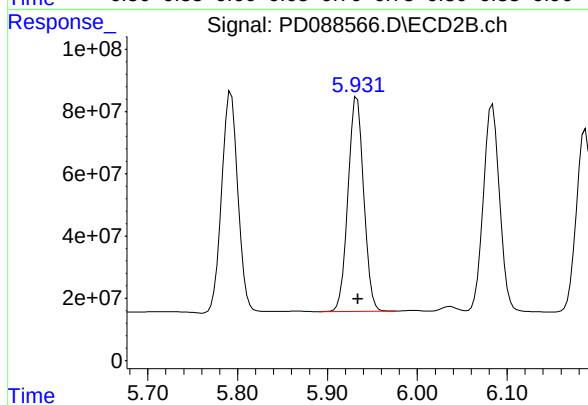
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 840989175
Conc: 48.00 ng/ml



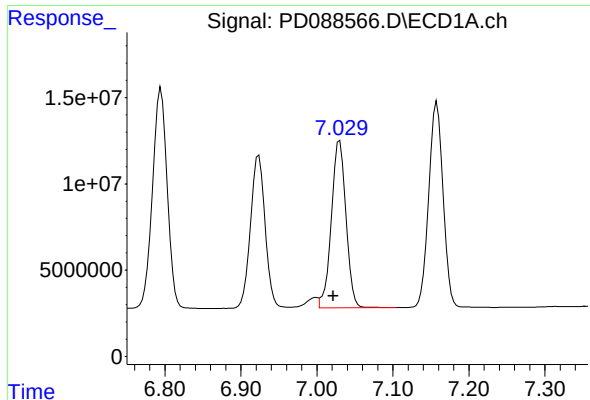
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.006 min
Response: 147052261
Conc: 58.47 ng/ml m



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 835184504
Conc: 50.97 ng/ml



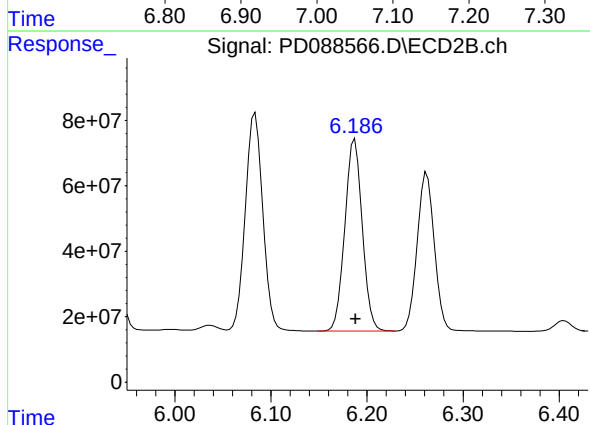
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.008 min
Response: 129350844
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

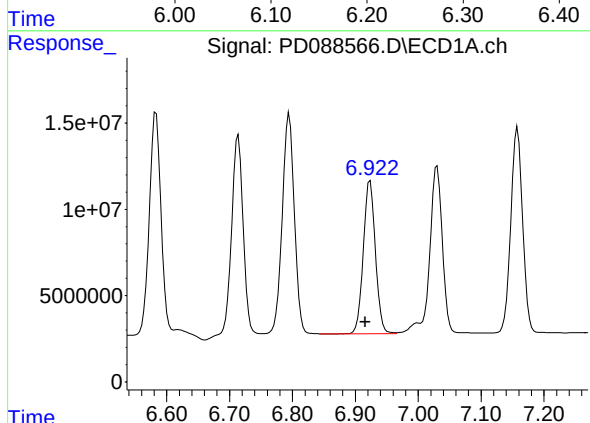
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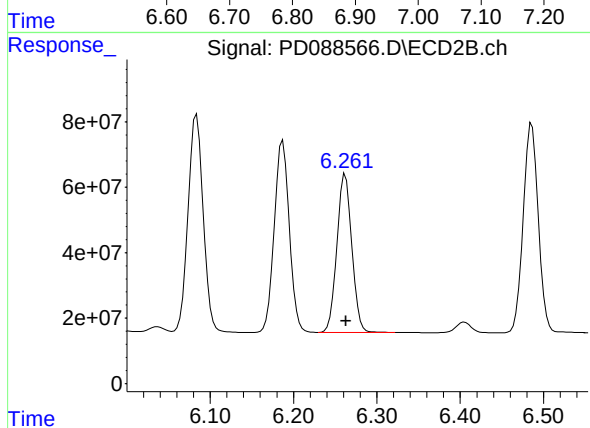
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 734269115
Conc: 43.15 ng/ml



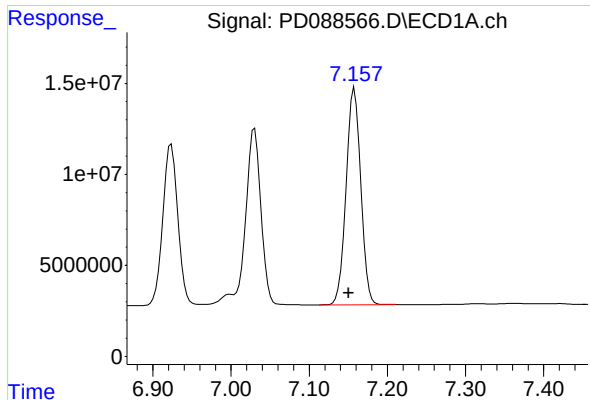
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.007 min
Response: 118578937
Conc: 51.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 603216848
Conc: 45.35 ng/ml



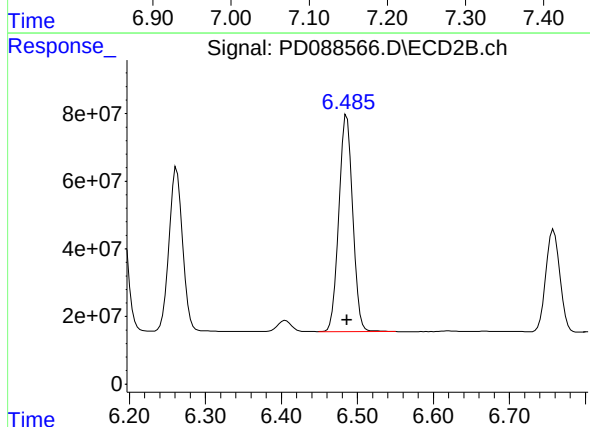
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.008 min
Response: 155188397
Conc: 53.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

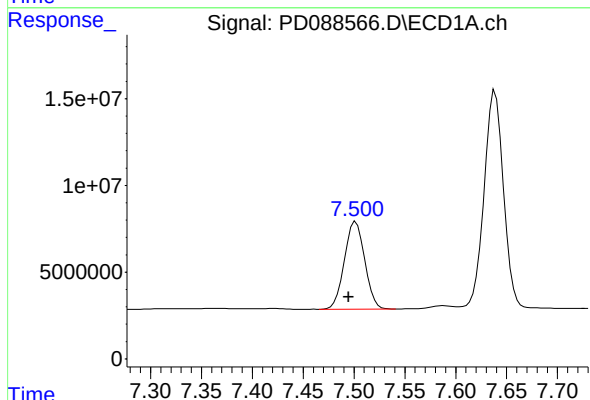
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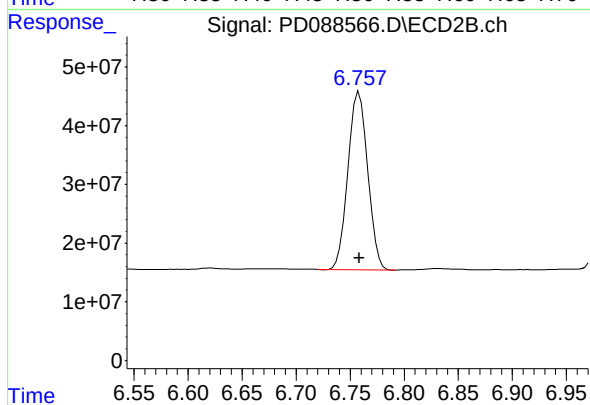
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 806120073
Conc: 47.05 ng/ml



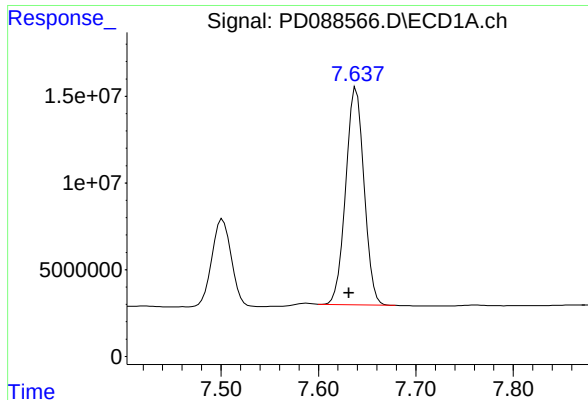
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.007 min
Response: 69927669
Conc: 46.63 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 386588722
Conc: 42.38 ng/ml



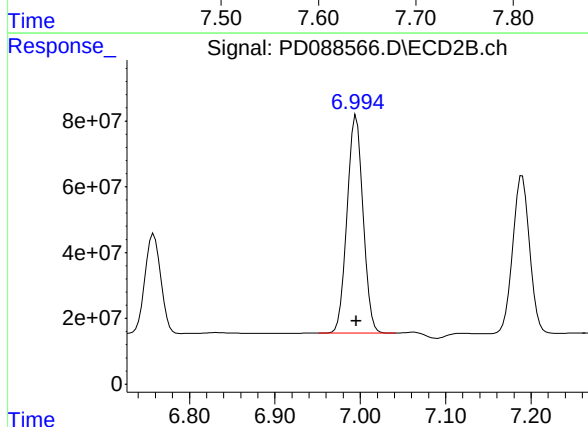
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.007 min
Response: 163475858
Conc: 52.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

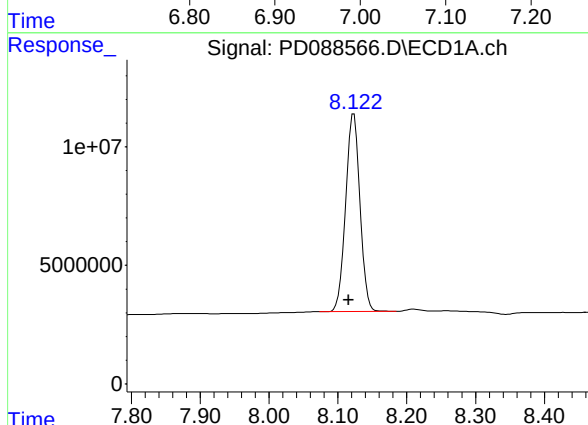
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



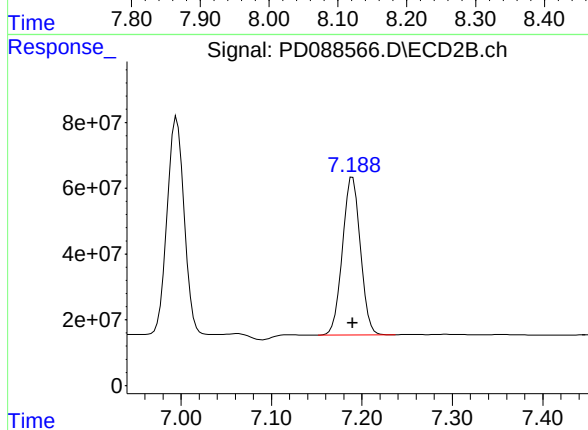
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 862455559
Conc: 46.11 ng/ml



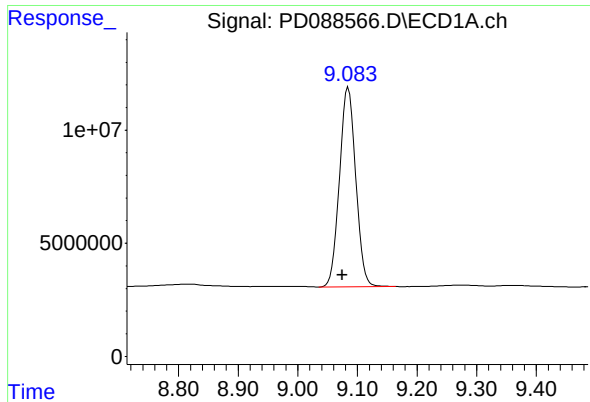
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.008 min
Response: 120583368
Conc: 51.35 ng/ml



#22 Mirex

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 662721214
Conc: 44.72 ng/ml



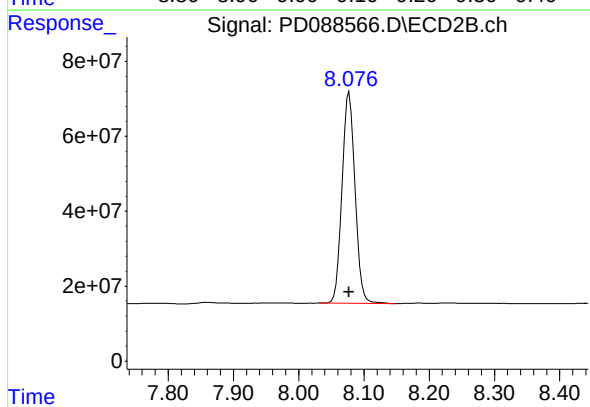
#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.008 min
Response: 167171487
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 780683914
Conc: 42.25 ng/ml