

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
 Data File : PL096085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:00
 Operator : AR\AJ
 Sample : Q2341-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-9MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/19/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 06:30:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 17:11:36 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.568	2.881	74630795	92666971	20.509m	19.538
28)	SA Decachlor...	9.113	8.063	56490537	92830196	19.727	15.401
Target Compounds							
2)	A alpha-BHC	4.021	3.390	274.1E6	351.7E6	48.400	48.873
3)	MA gamma-BHC...	4.353	3.724	260.4E6	332.2E6	49.216	48.486
4)	MA Heptachlor	4.950	4.076	233.7E6	328.0E6	48.094	47.036
5)	MB Aldrin	5.293	4.360	245.0E6	308.0E6	48.063	46.822
6)	B beta-BHC	4.540	4.019	106.4E6	139.7E6	47.202	46.097
7)	B delta-BHC	4.788	4.254	252.0E6	326.6E6	48.476	47.528
8)	B Heptachlo...	5.714	4.862	215.3E6	282.7E6	47.411	45.846
9)	A Endosulfan I	6.097	5.235	198.4E6	280.0E6	46.195	43.671
10)	B gamma-Chl...	5.968	5.114	207.8E6	299.9E6	44.620	45.092m
11)	B alpha-Chl...	6.049	5.179	213.4E6	306.1E6	46.099	44.901
12)	B 4,4'-DDE	6.220	5.368	200.0E6	292.4E6	46.194	44.568
13)	MA Dieldrin	6.370	5.501	211.4E6	291.2E6	45.738	44.384
14)	MA Endrin	6.597	5.777	176.1E6	271.2E6	46.324	45.699
15)	B Endosulfa...	6.811	6.068	139.0E6	259.1E6	35.084m	43.579
16)	A 4,4'-DDD	6.730	5.922	161.6E6	241.5E6	46.315m	43.898
17)	MA 4,4'-DDT	7.047	6.176	163.1E6	251.6E6	46.699	41.933
18)	B Endrin al...	6.939	6.247	129.2E6	186.7E6	45.489m	41.613
19)	B Endosulfa...	7.176	6.472	160.6E6	226.4E6	44.279	39.824
20)	A Methoxychlor	7.523	6.749	78612301	130.4E6	44.151	39.748
21)	B Endrin ke...	7.658	6.978	169.5E6	261.9E6	43.514	39.473
22)	Mirex	8.140	7.171	128.7E6	204.3E6	43.424	36.591

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
Data File : PL096085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:00
Operator : AR\AJ
Sample : Q2341-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

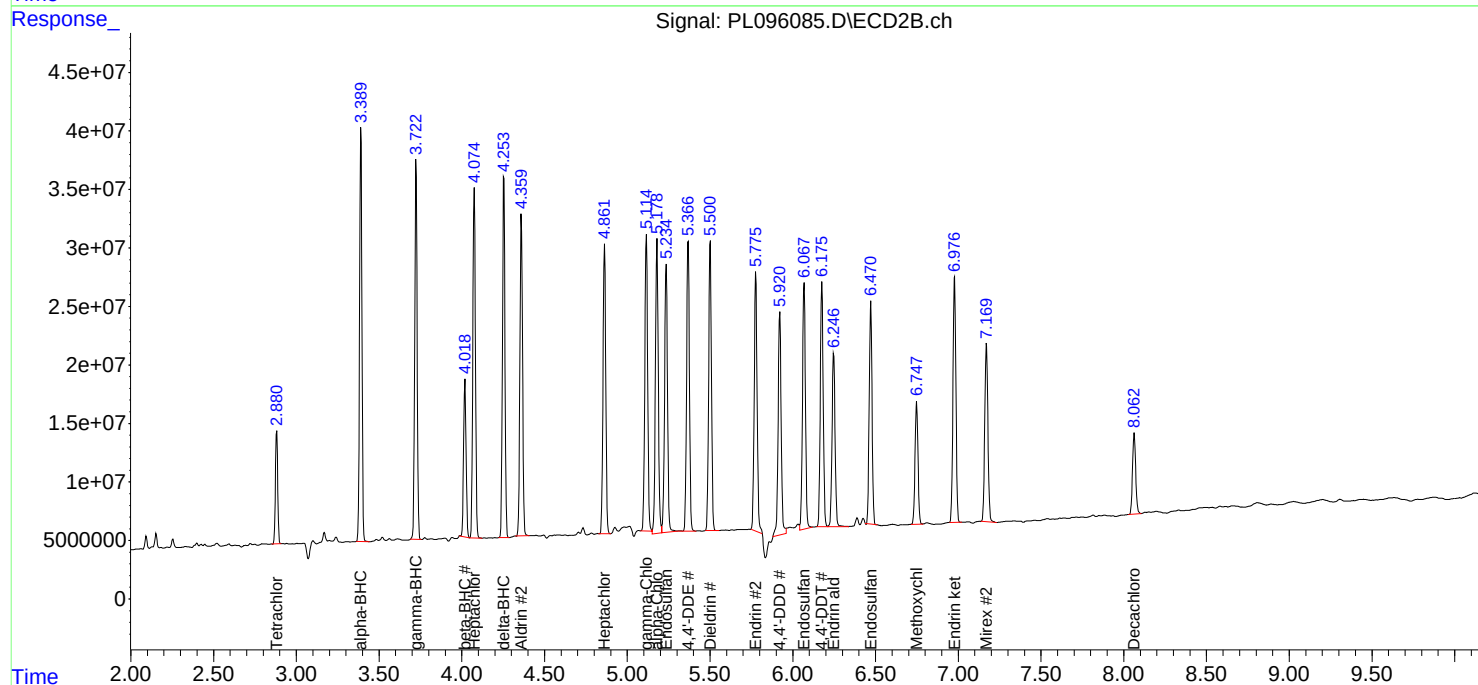
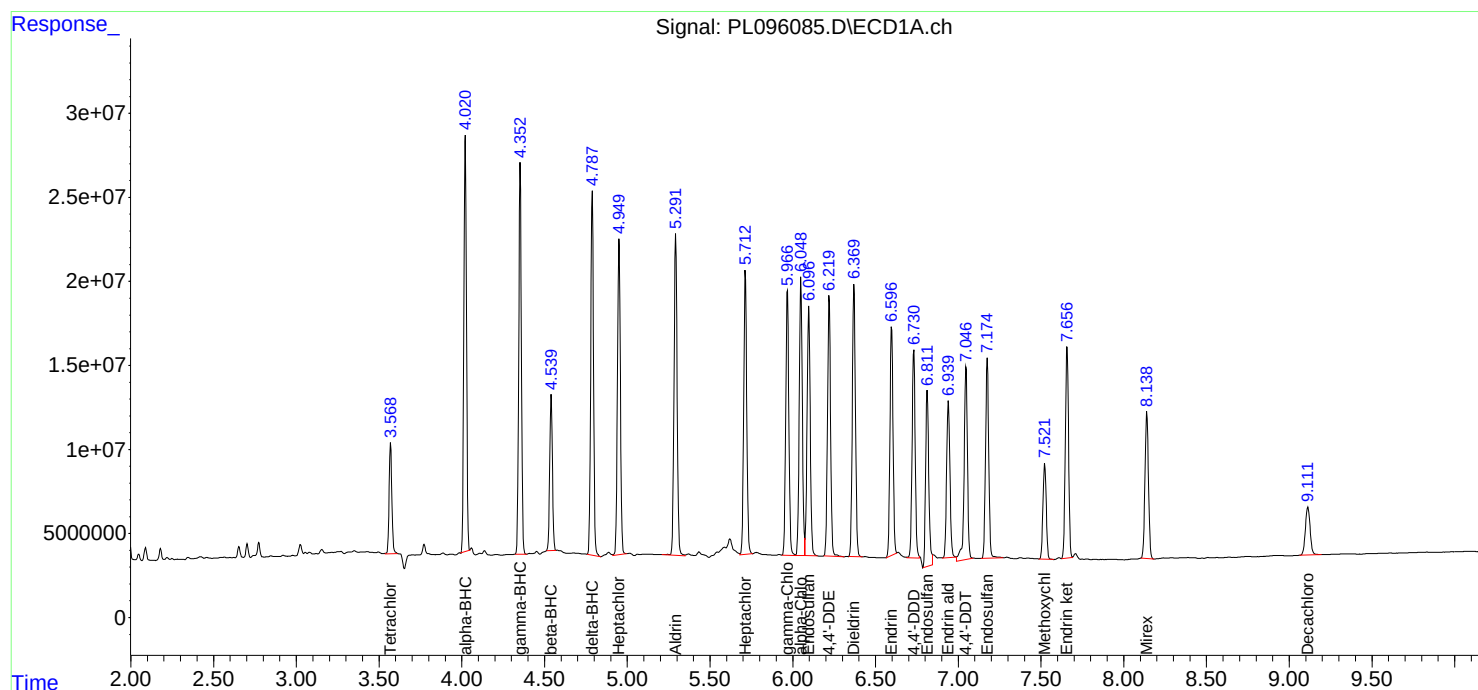
Instrument :
ECD_L
ClientSampleId :
TP-9MS

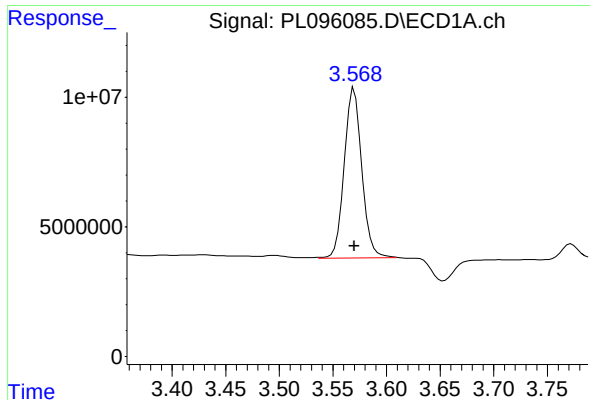
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/19/2025
Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 06:30:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
QLast Update : Tue Jun 17 17:11:36 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 x0.25µm





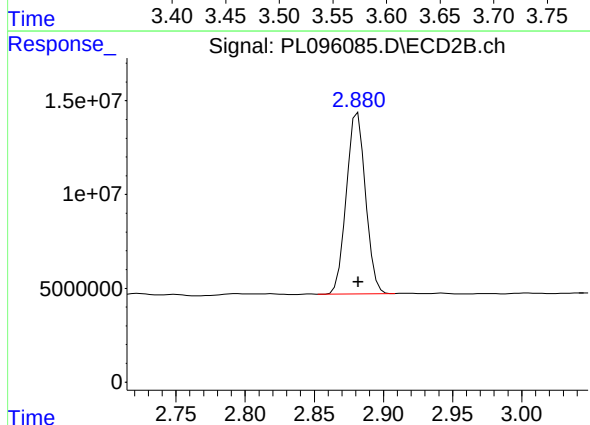
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.002 min
Response: 74630795
Conc: 20.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

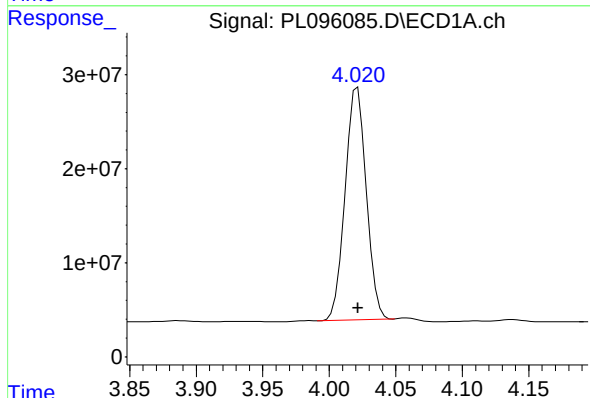
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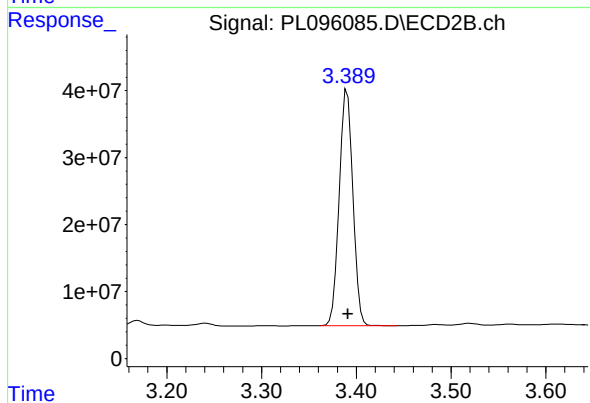
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 92666971
Conc: 19.54 ng/ml



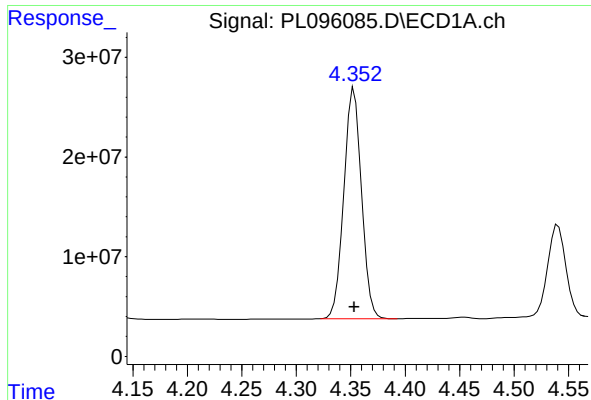
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 274144564
Conc: 48.40 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 351651005
Conc: 48.87 ng/ml



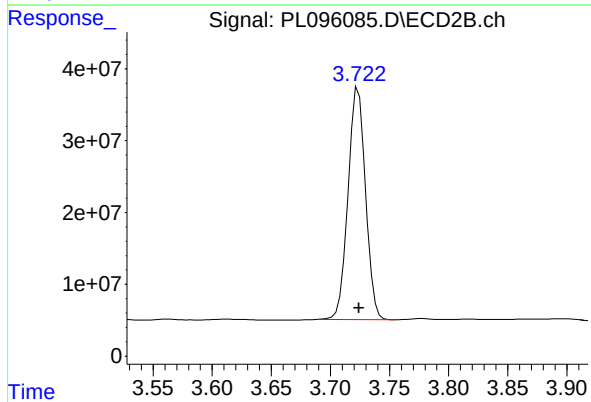
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 260421535
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

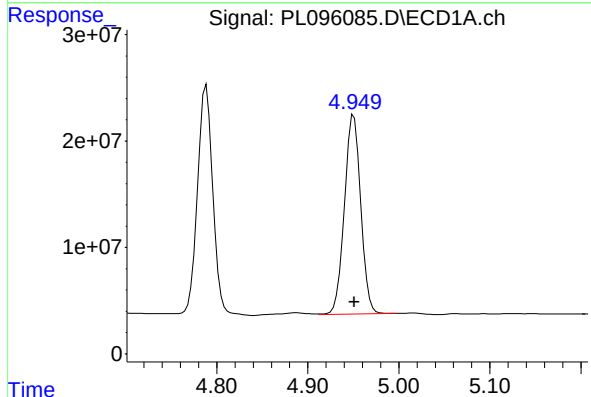
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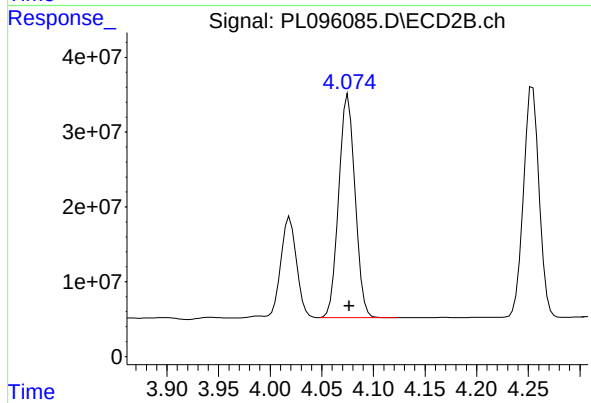
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 332232272
Conc: 48.49 ng/ml



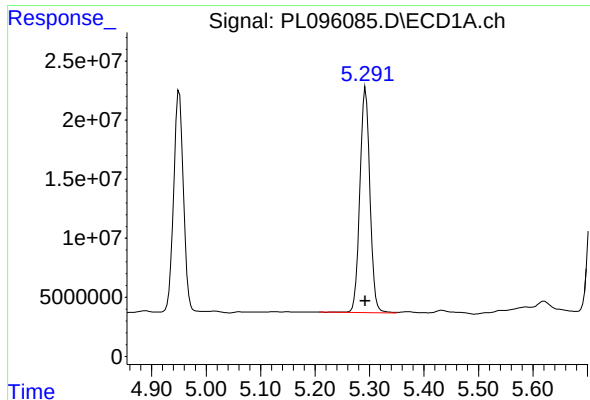
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 233749793
Conc: 48.09 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 328034567
Conc: 47.04 ng/ml



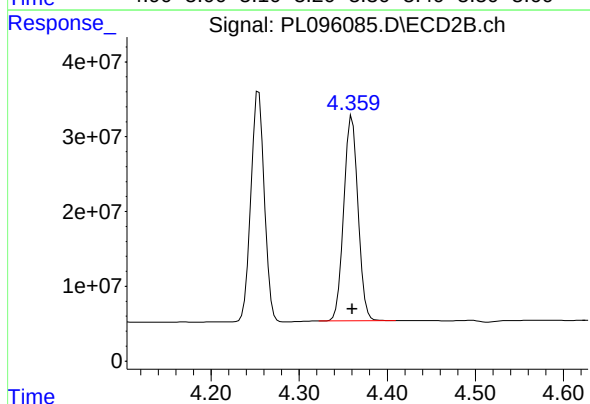
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 245034342
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

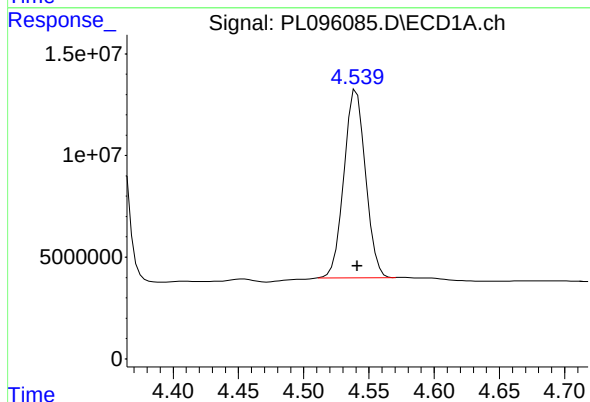
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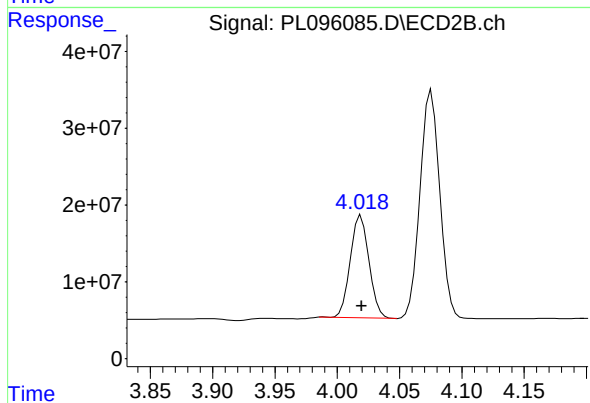
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 308047392
Conc: 46.82 ng/ml



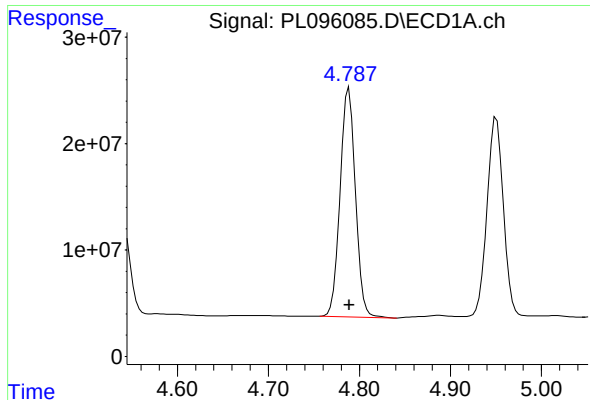
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 106426324
Conc: 47.20 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 139659624
Conc: 46.10 ng/ml



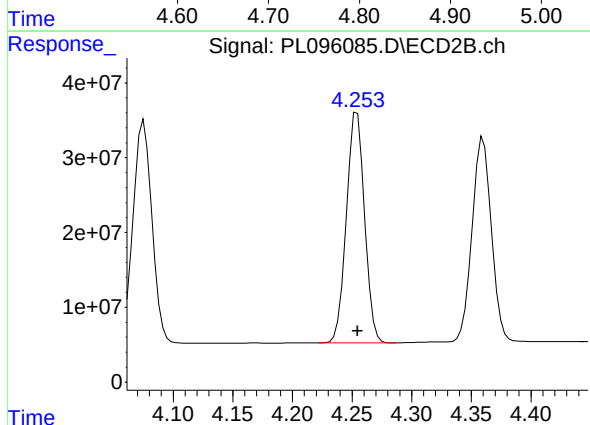
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 252007867
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

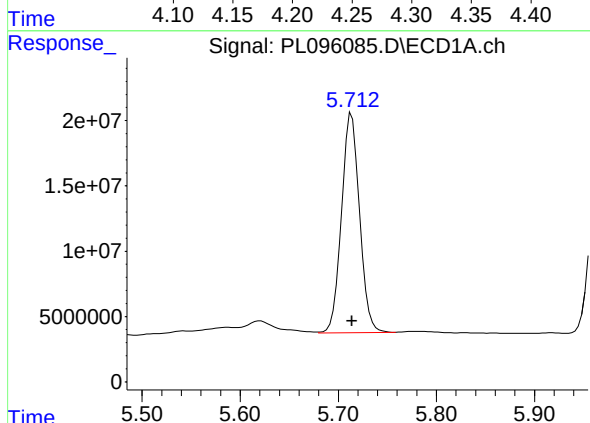
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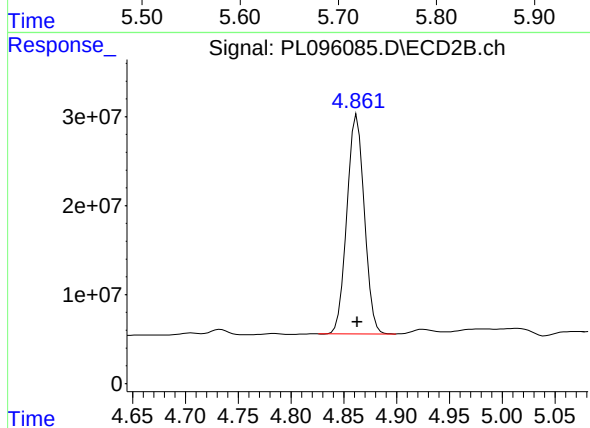
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 326620555
Conc: 47.53 ng/ml



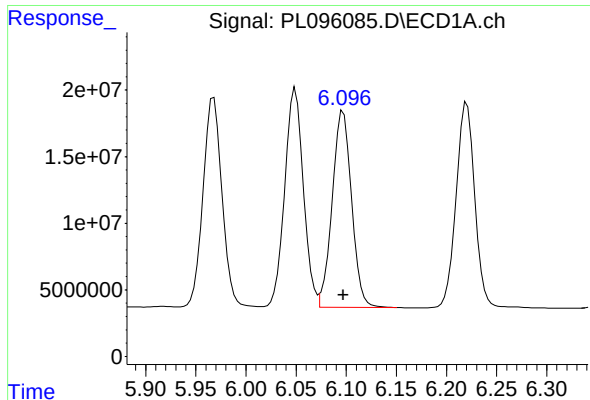
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 215258299
Conc: 47.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 282704256
Conc: 45.85 ng/ml



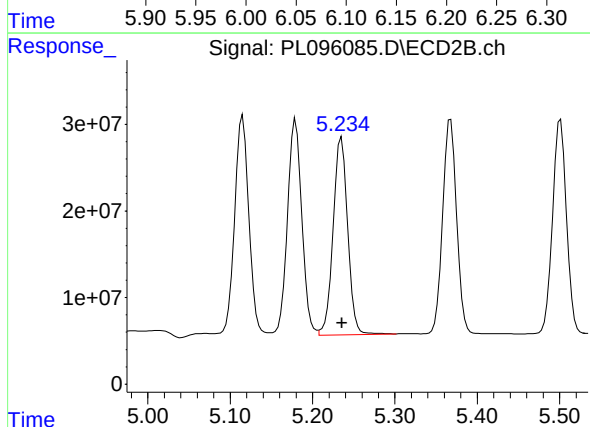
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 198409959
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

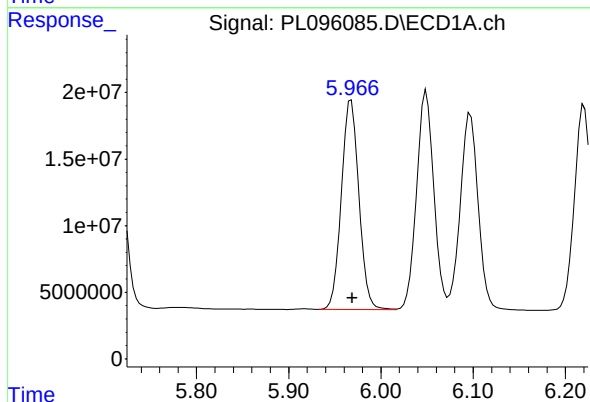
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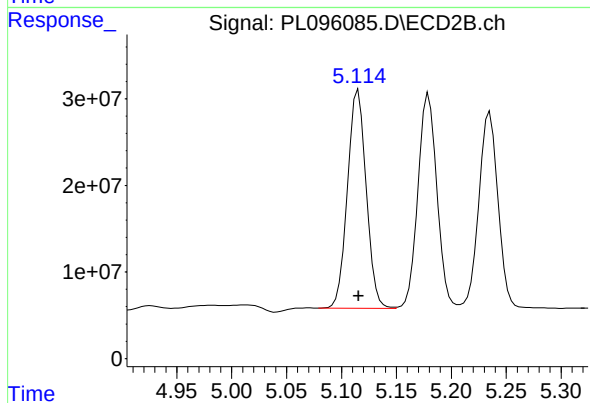
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 280033720
Conc: 43.67 ng/ml



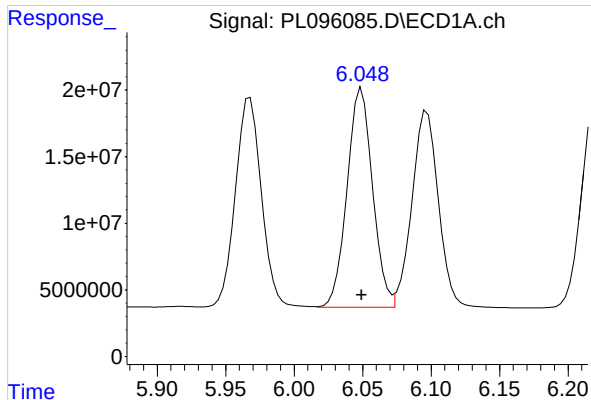
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 207810534
Conc: 44.62 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 299932961
Conc: 45.09 ng/ml m



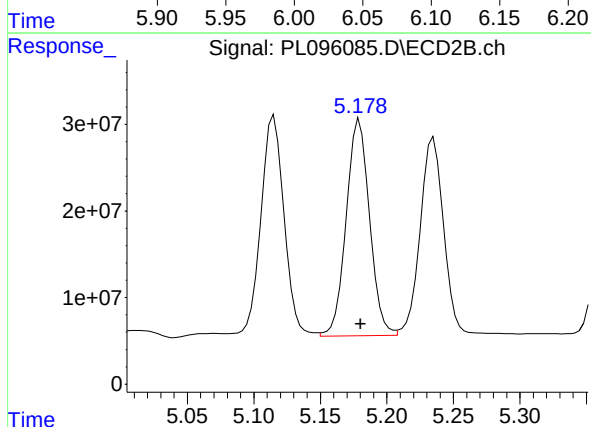
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 213403747
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

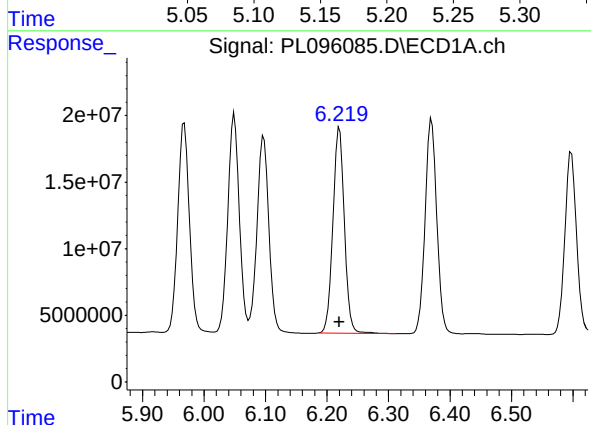
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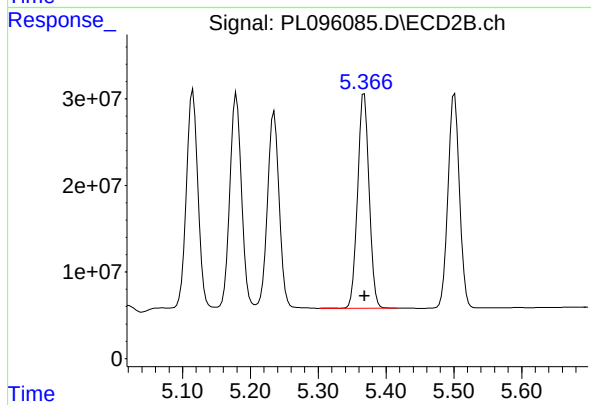
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.001 min
Response: 306112292
Conc: 44.90 ng/ml



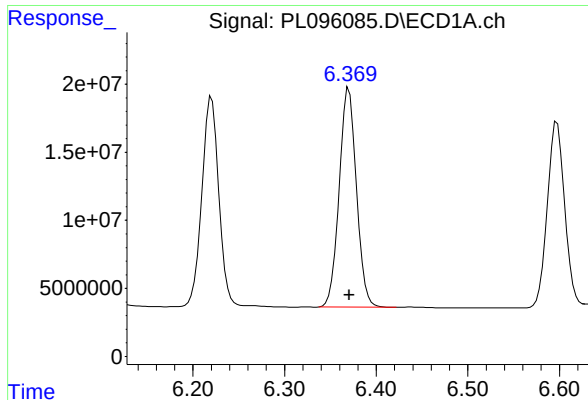
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 200047964
Conc: 46.19 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 292358174
Conc: 44.57 ng/ml



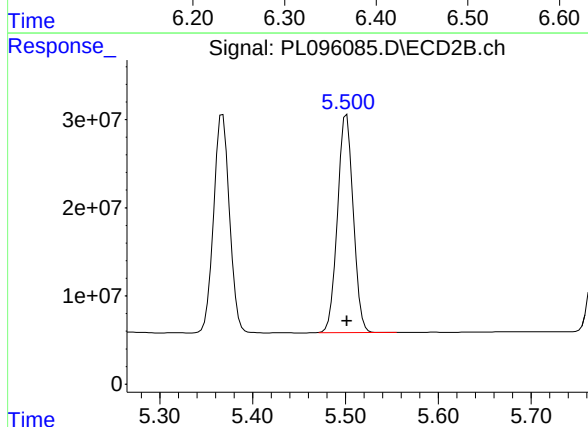
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 211414259
Conc: 45.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

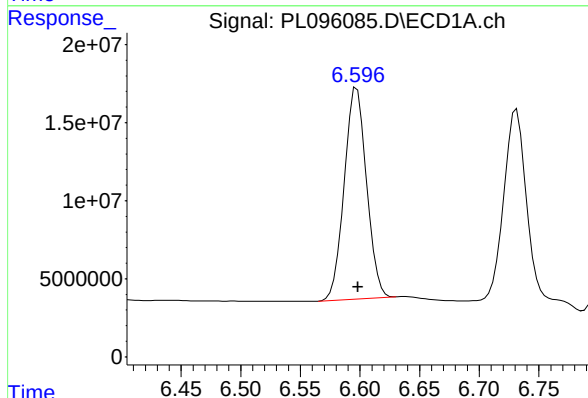
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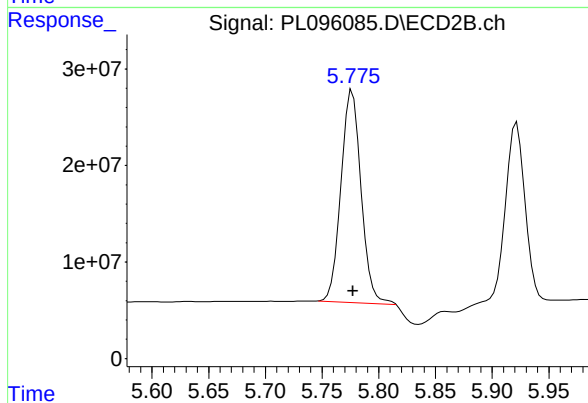
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 291205391
Conc: 44.38 ng/ml



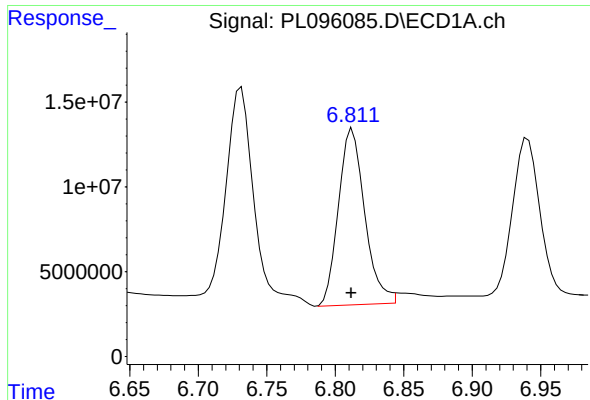
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.001 min
Response: 176077408
Conc: 46.32 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 271229801
Conc: 45.70 ng/ml



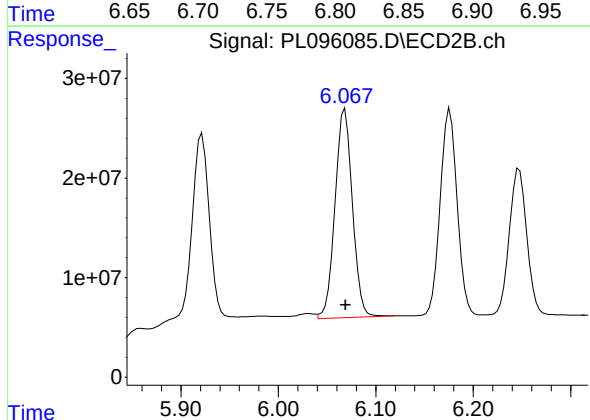
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 138963360
Conc: 35.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

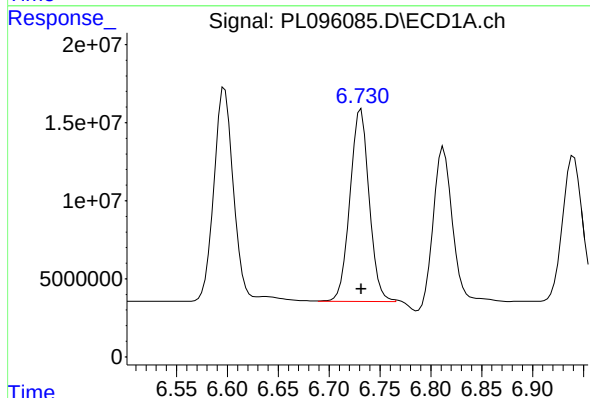
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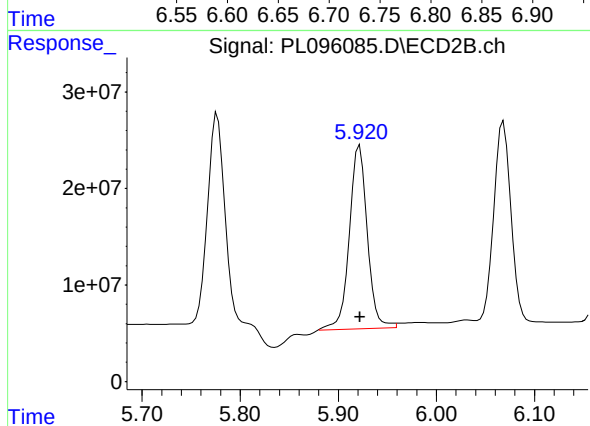
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 259109529
Conc: 43.58 ng/ml



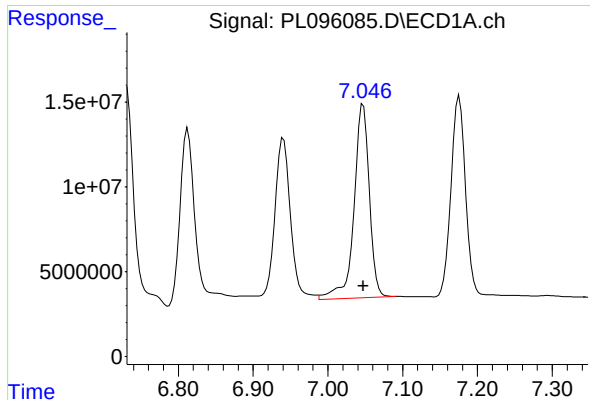
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 161552448
Conc: 46.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 241479352
Conc: 43.90 ng/ml



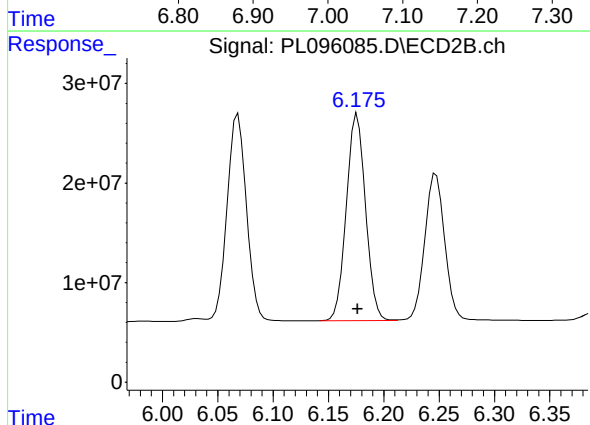
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 163083411
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

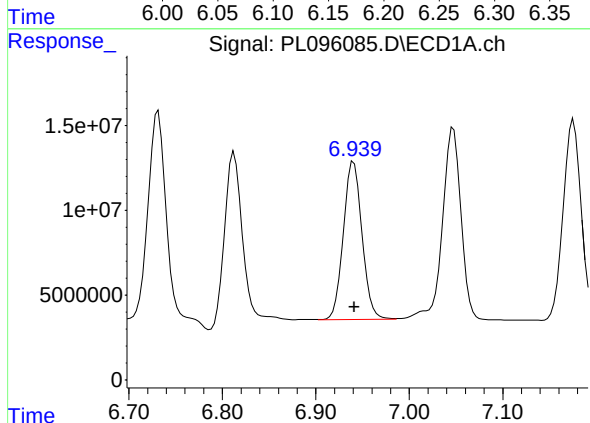
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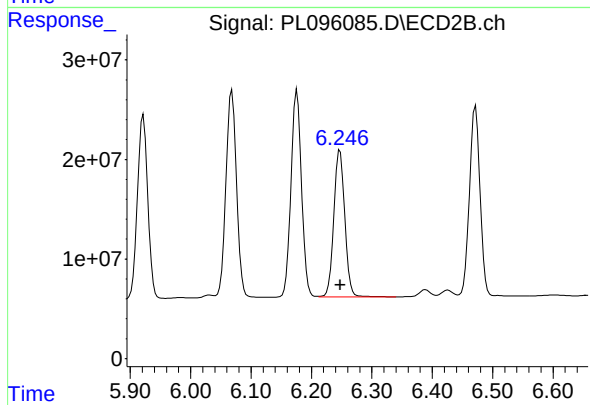
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 251603007
Conc: 41.93 ng/ml



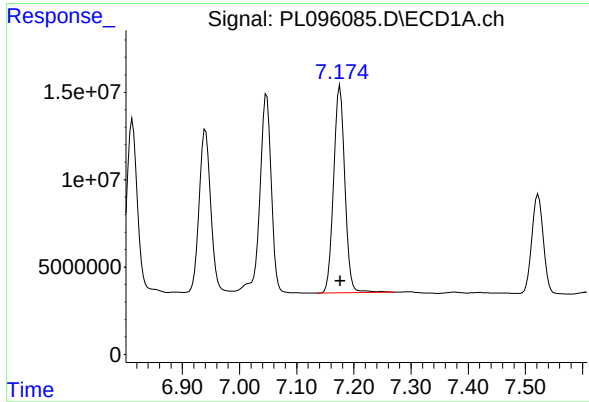
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 129193295
Conc: 45.49 ng/ml m



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 186679700
Conc: 41.61 ng/ml



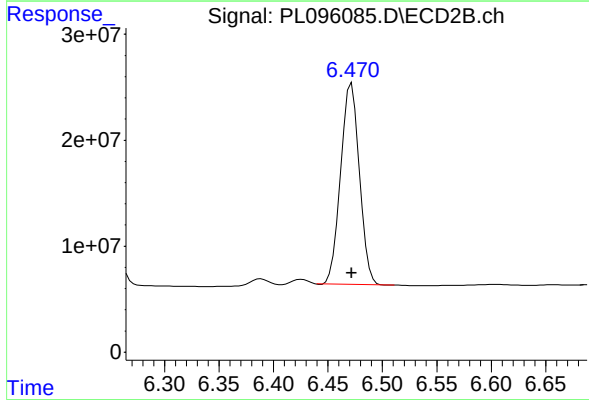
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 160568033
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

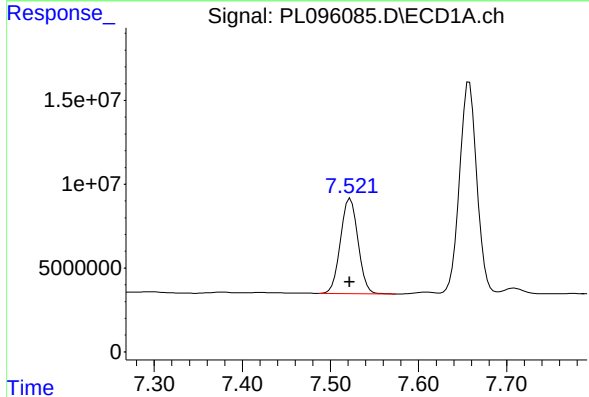
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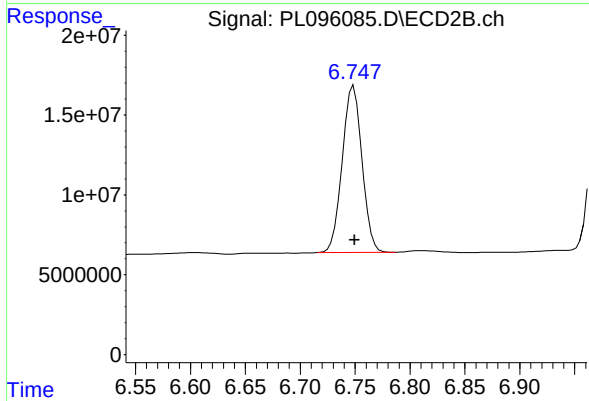
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 226407787
Conc: 39.82 ng/ml



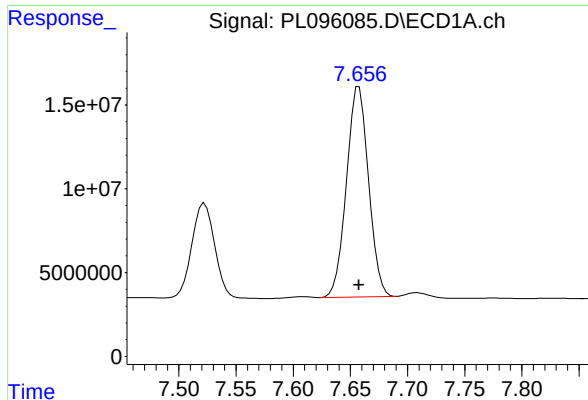
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 78612301
Conc: 44.15 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 130392754
Conc: 39.75 ng/ml



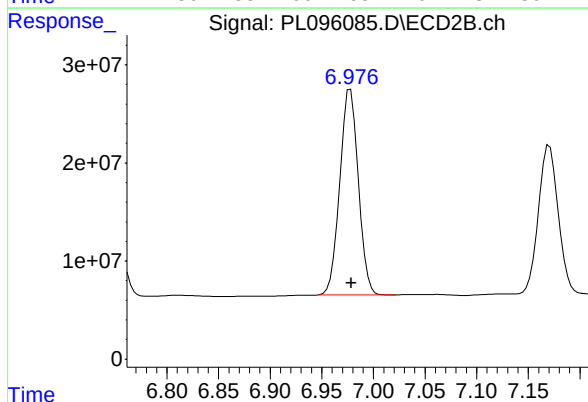
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 169461768
Conc: 43.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

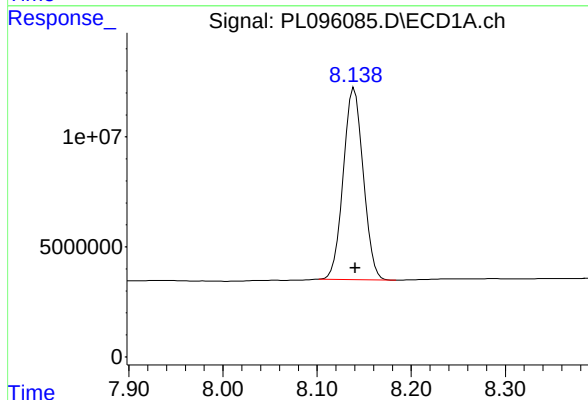
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Reviewed By :Abdul Mirza 06/19/2025
Supervised By :mohammad ahmed 06/19/2025



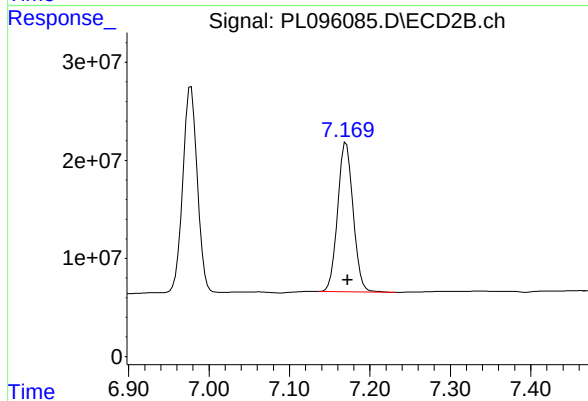
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 261945205
Conc: 39.47 ng/ml



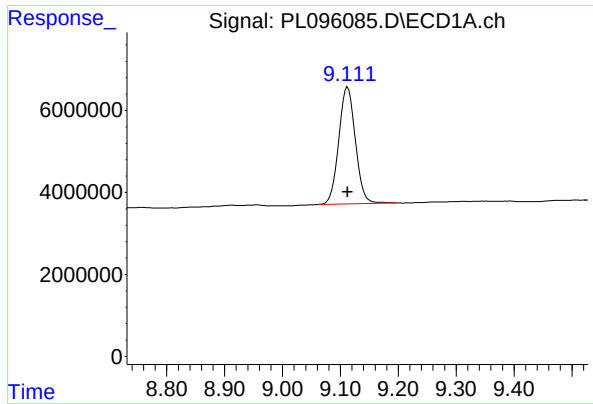
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 128655485
Conc: 43.42 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 204332055
Conc: 36.59 ng/ml



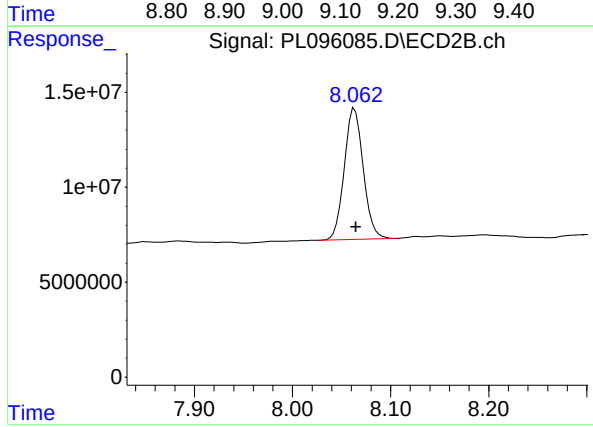
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 56490537
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/19/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 92830196
Conc: 15.40 ng/ml