

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
 Data File : PL096086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:13
 Operator : AR\AJ
 Sample : Q2341-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-9MSD

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 06:30:13 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...	3.569	2.881	74377919	94429406	20.440m	19.909
28) SA Decachlor...	9.113	8.064	55339464	99226870	19.325	16.462
Target Compounds						
2) A alpha-BHC	4.021	3.390	272.6E6	354.2E6	48.131	49.231
3) MA gamma-BHC...	4.353	3.724	260.1E6	333.7E6	49.157	48.700
4) MA Heptachlor	4.951	4.076	234.9E6	330.6E6	48.332	47.403
5) MB Aldrin	5.293	4.360	243.3E6	314.4E6	47.728	47.787
6) B beta-BHC	4.541	4.019	107.2E6	140.4E6	47.532	46.328
7) B delta-BHC	4.789	4.254	256.3E6	333.1E6	49.297	48.468
8) B Heptachlo...	5.714	4.862	219.0E6	285.6E6	48.229	46.315
9) A Endosulfan I	6.097	5.235	200.6E6	281.5E6	46.701	43.906
10) B gamma-Chl...	5.968	5.114	206.4E6	300.6E6	44.315	45.193m
11) B alpha-Chl...	6.050	5.180	214.5E6	307.7E6	46.339	45.129
12) B 4,4'-DDE	6.220	5.368	202.9E6	295.7E6	46.845	45.074
13) MA Dieldrin	6.371	5.501	213.9E6	296.6E6	46.286	45.209
14) MA Endrin	6.598	5.775	178.3E6	268.7E6	46.910	45.272m
15) B Endosulfa...	6.812	6.067	137.3E6	257.9E6	34.673m	43.371m#
16) A 4,4'-DDD	6.730	5.921	162.5E6	232.3E6	46.594m	42.226m
17) MA 4,4'-DDT	7.047	6.176	164.2E6	254.0E6	47.016	42.336
18) B Endrin al...	6.940	6.248	131.7E6	192.7E6	46.374m	42.952
19) B Endosulfa...	7.175	6.472	163.1E6	231.7E6	44.971	40.757
20) A Methoxychlor	7.523	6.749	78700971	135.1E6	44.201	41.193
21) B Endrin ke...	7.658	6.978	173.2E6	274.3E6	44.465	41.329
22) Mirex	8.141	7.172	129.6E6	209.6E6	43.733	37.526

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
Data File : PL096086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:13
Operator : AR\AJ
Sample : Q2341-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

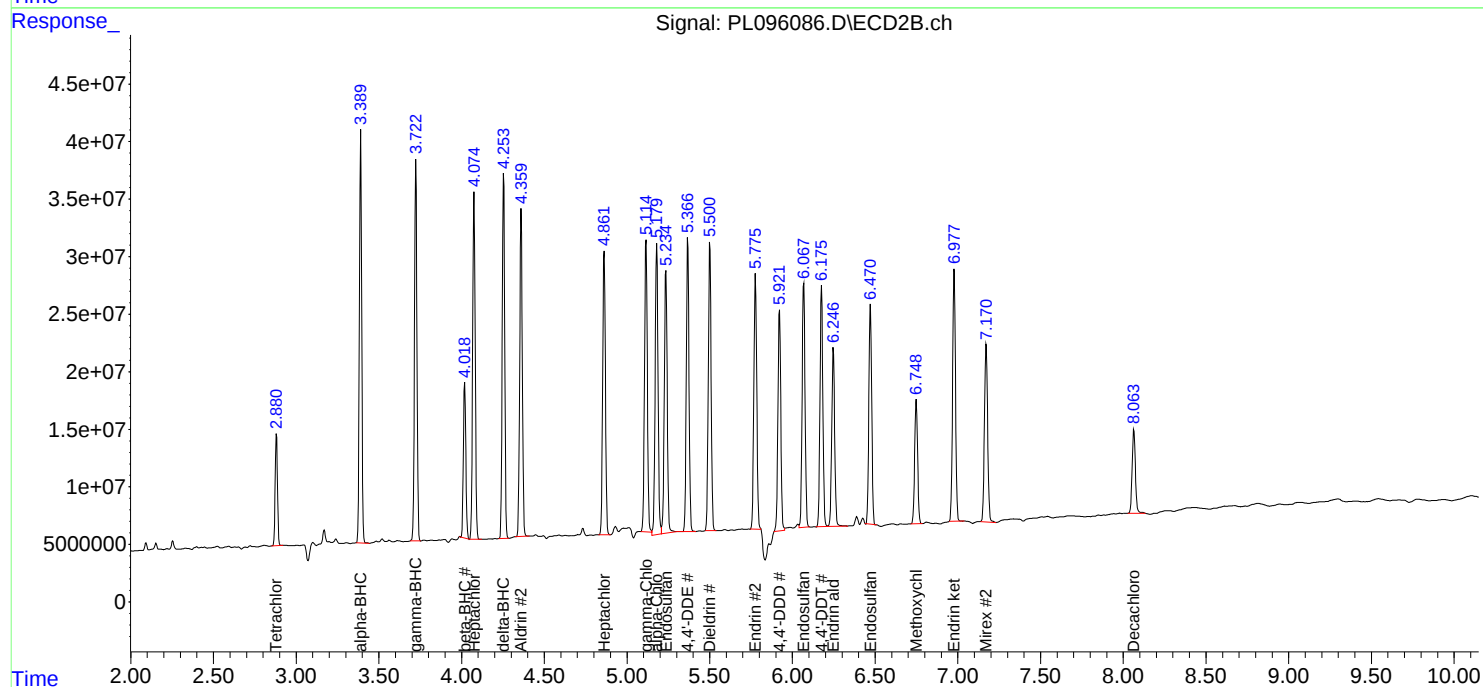
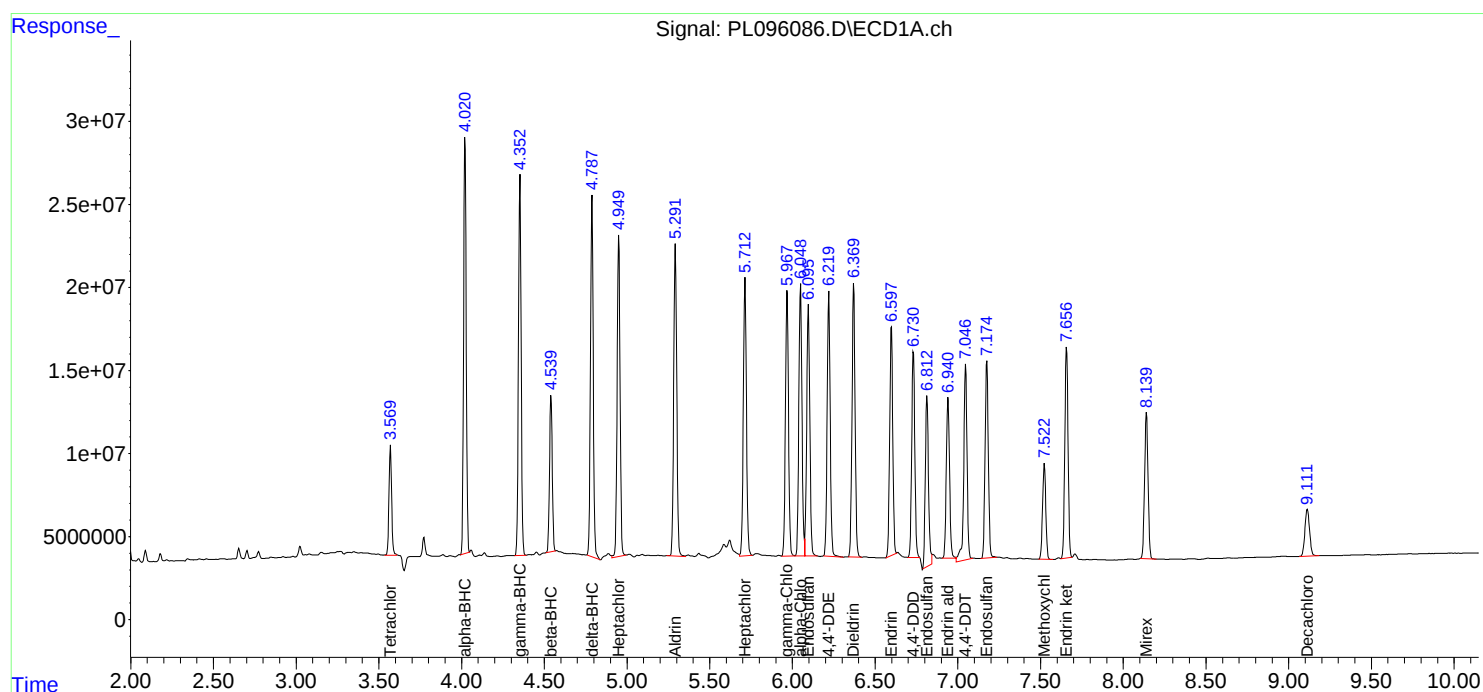
Instrument :
ECD_L
ClientSampleId :
TP-9MSD

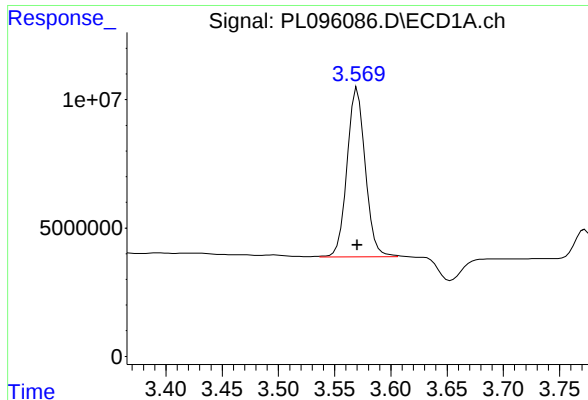
Manual Integrations
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Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 06:30:13 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





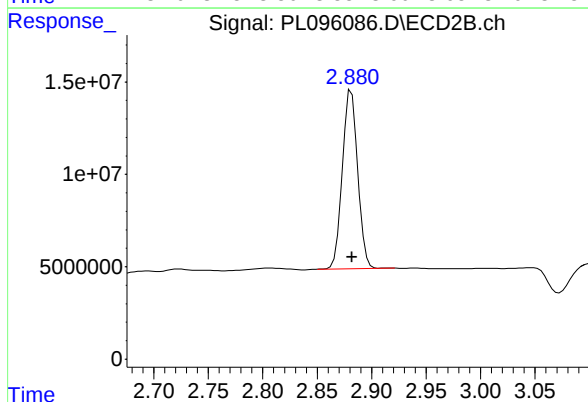
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 74377919
Conc: 20.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

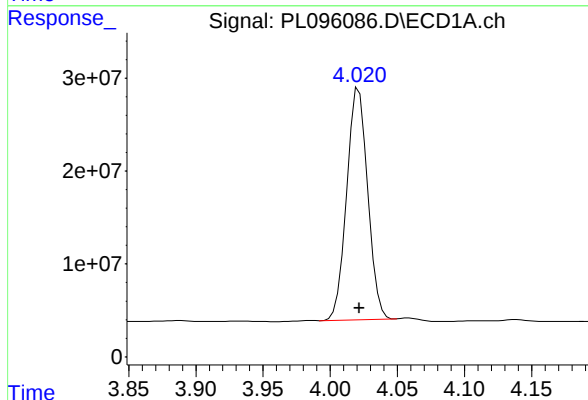
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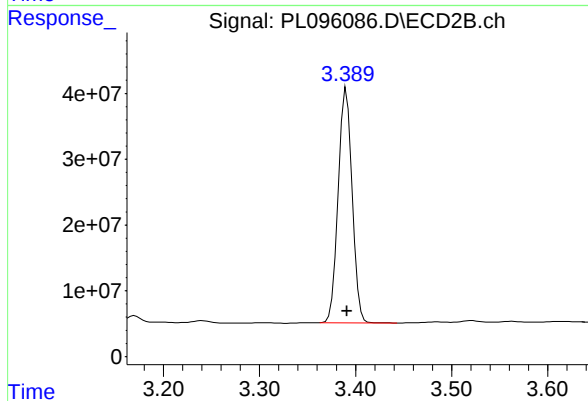
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 94429406
Conc: 19.91 ng/ml



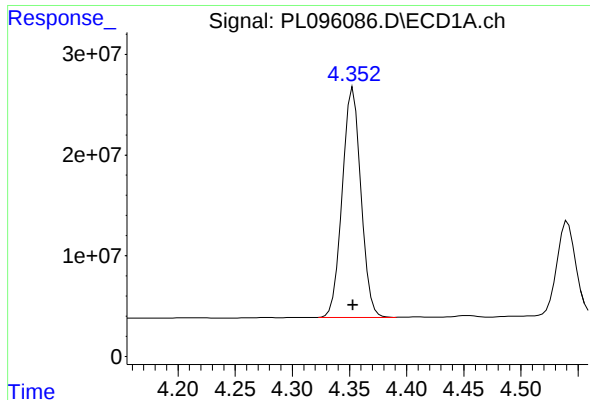
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 272616779
Conc: 48.13 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 354228142
Conc: 49.23 ng/ml



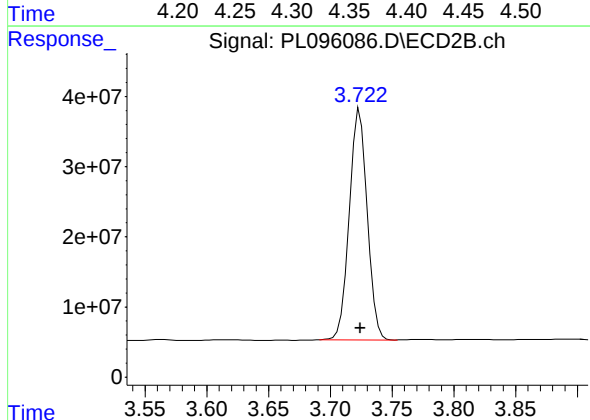
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 260110814
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

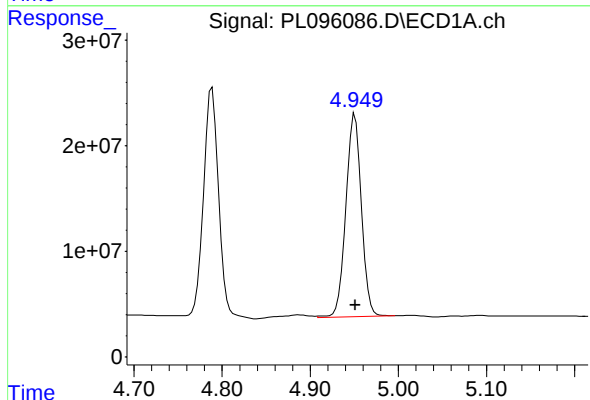
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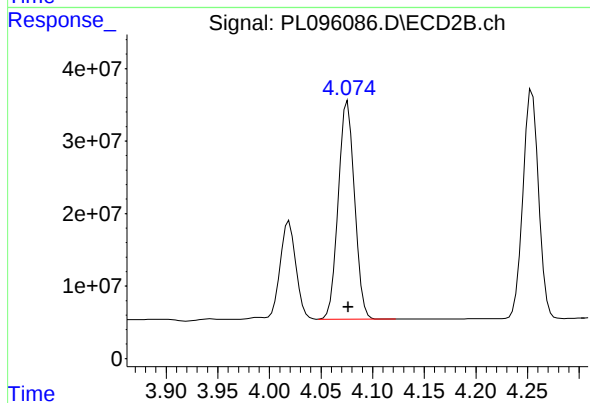
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 333695164
Conc: 48.70 ng/ml



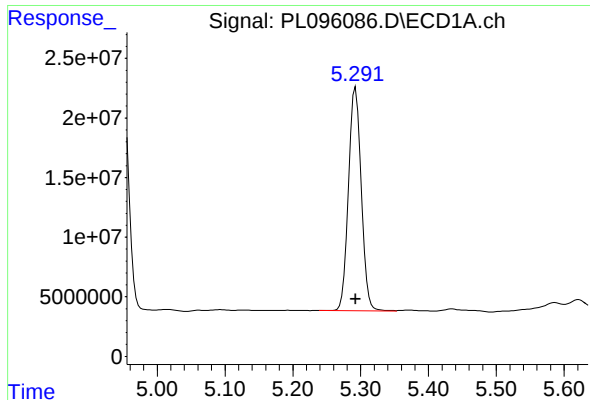
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 234909967
Conc: 48.33 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 330587607
Conc: 47.40 ng/ml



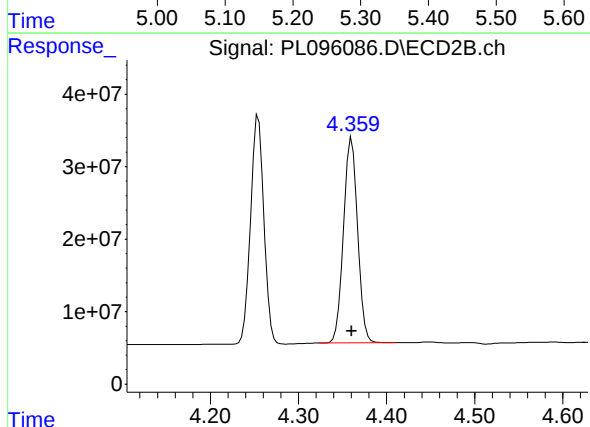
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 243328765
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

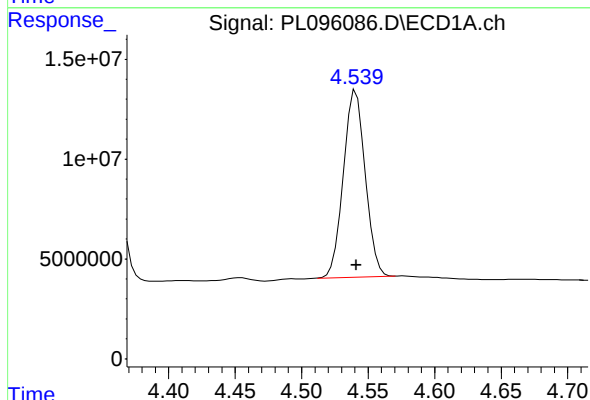
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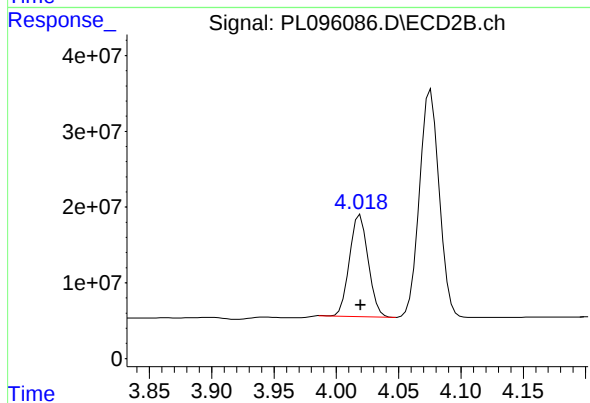
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 314393587
Conc: 47.79 ng/ml



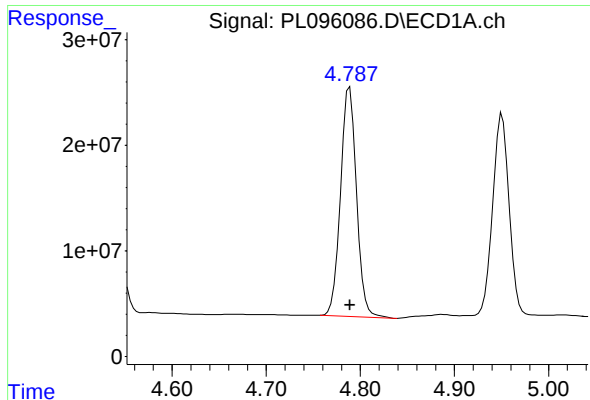
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 107172087
Conc: 47.53 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 140359596
Conc: 46.33 ng/ml



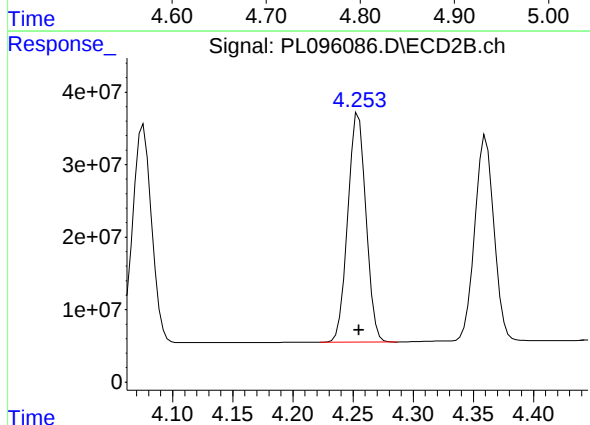
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 256274672
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

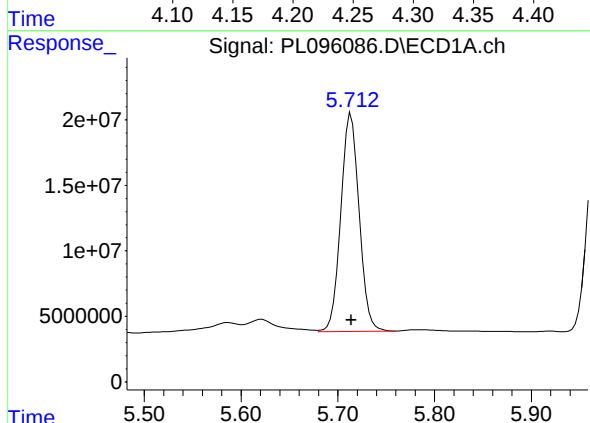
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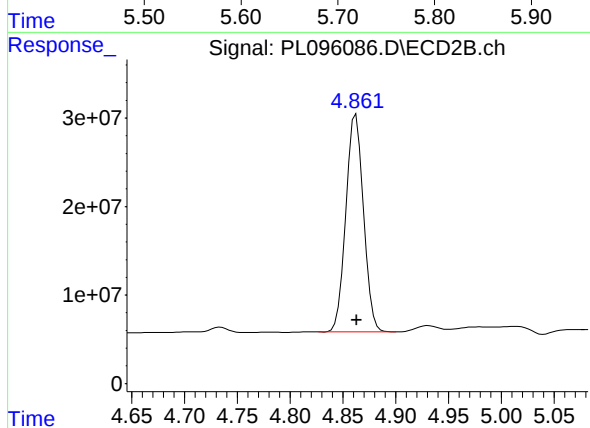
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 333084569
Conc: 48.47 ng/ml



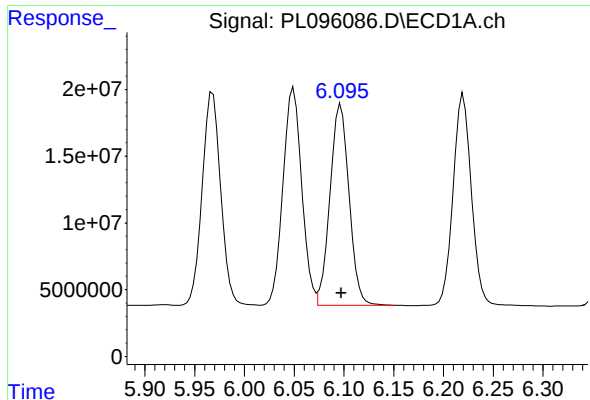
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 218968764
Conc: 48.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 285597233
Conc: 46.31 ng/ml



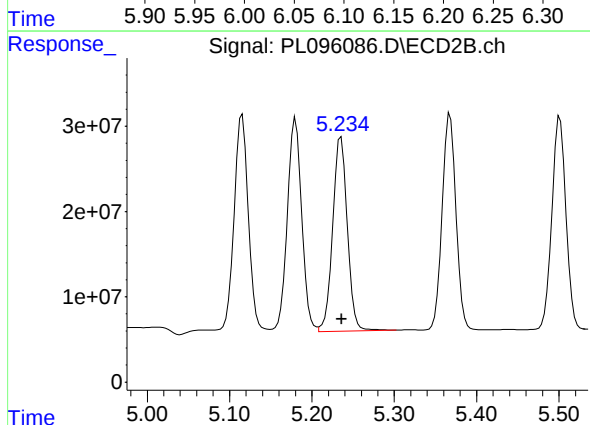
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 200583237
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

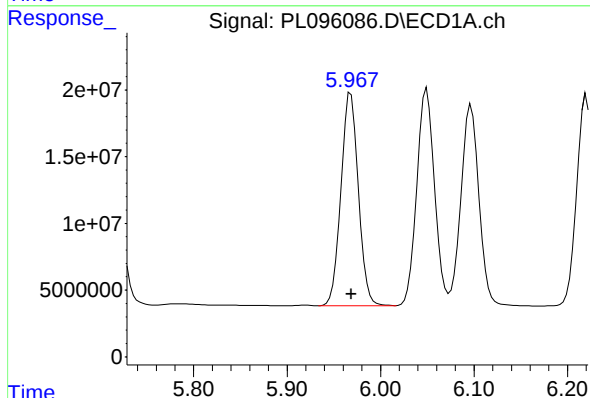
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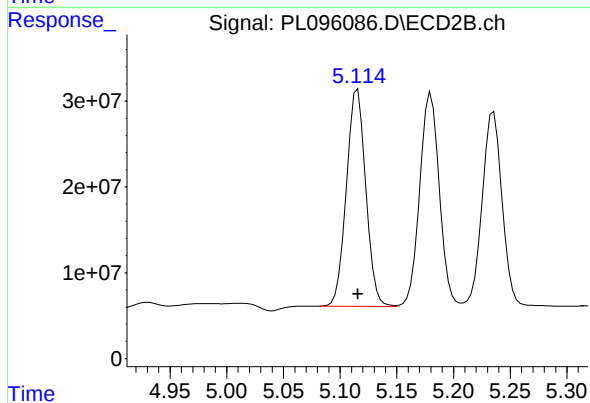
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 281537957
Conc: 43.91 ng/ml



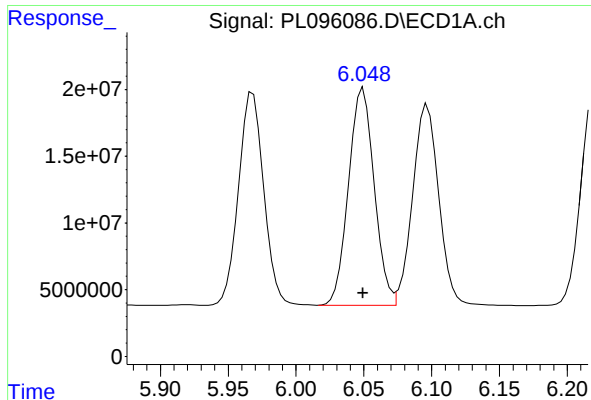
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 206390078
Conc: 44.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 300602810
Conc: 45.19 ng/ml m



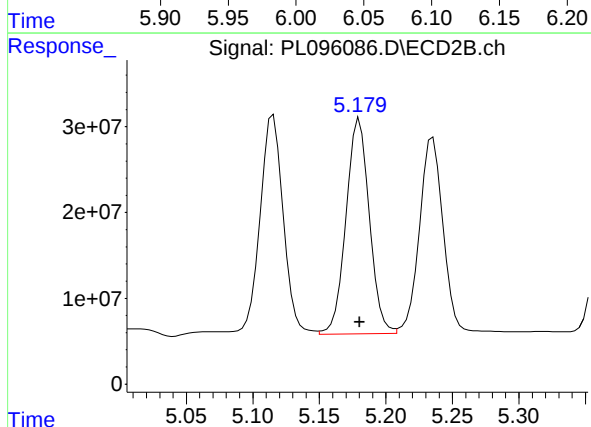
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 214516542
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

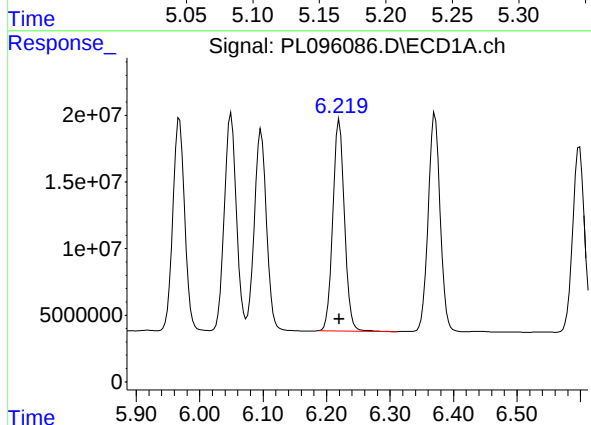
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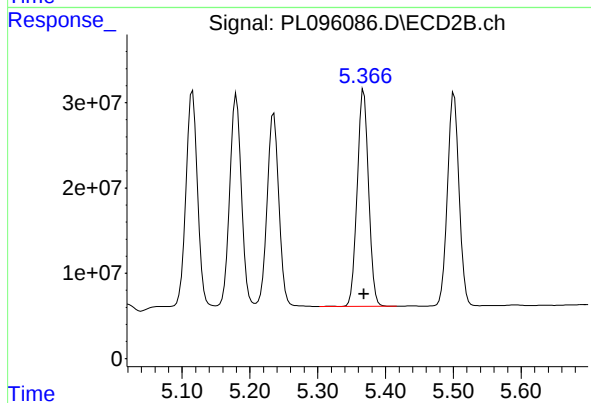
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 307664852
Conc: 45.13 ng/ml



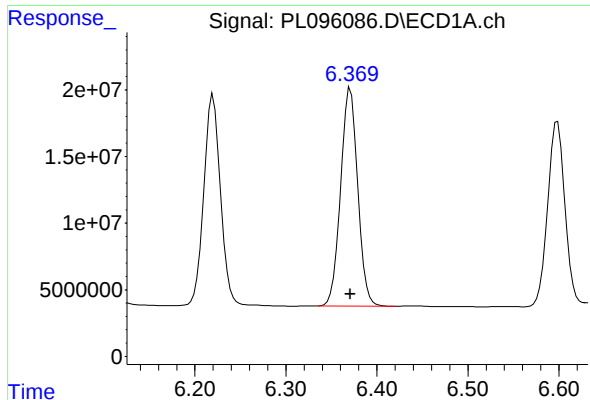
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 202867515
Conc: 46.84 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 295677964
Conc: 45.07 ng/ml



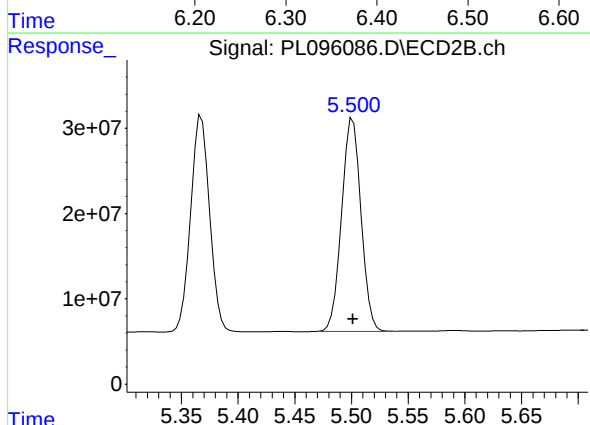
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 213949162
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

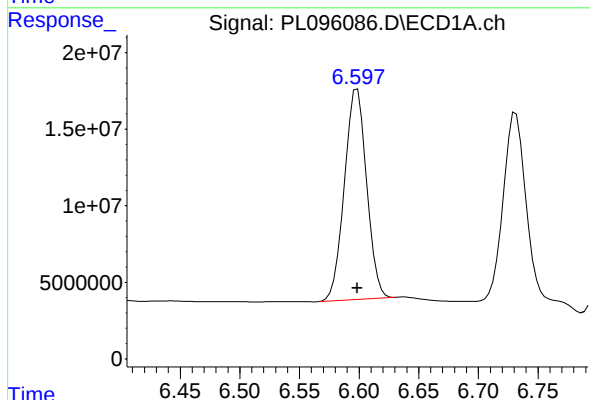
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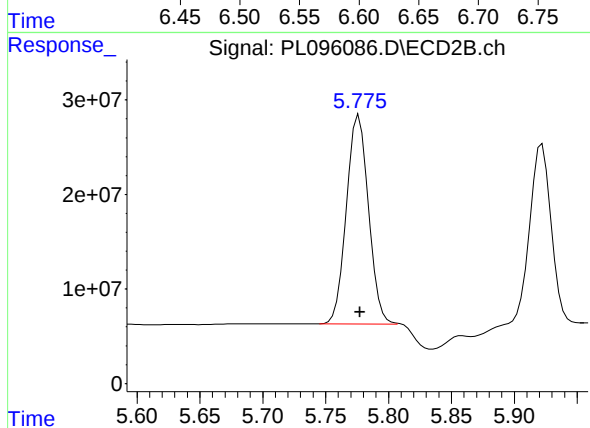
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 296619075
Conc: 45.21 ng/ml



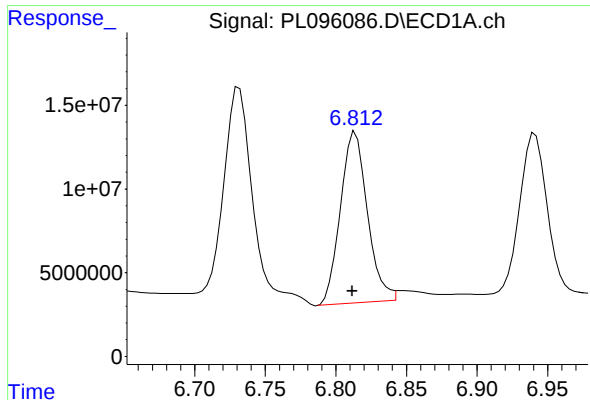
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 178306188
Conc: 46.91 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 268697234
Conc: 45.27 ng/ml m



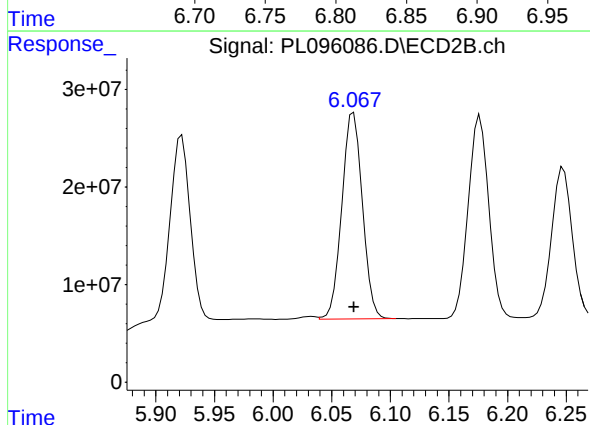
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 137331550
Conc: 34.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

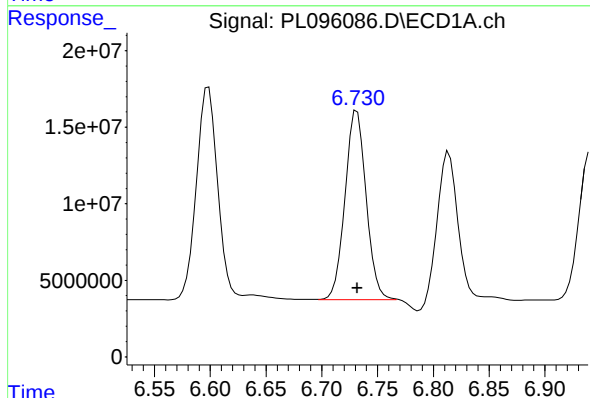
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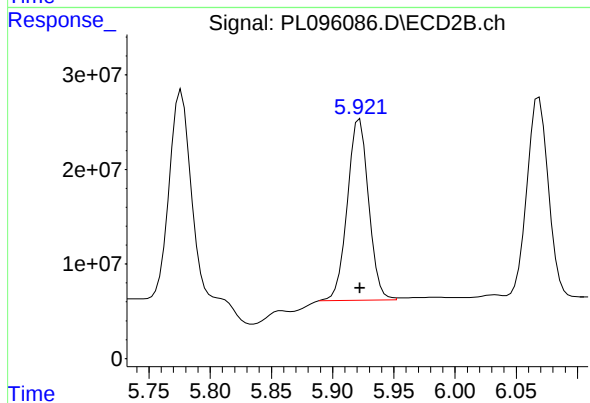
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 257869590
Conc: 43.37 ng/ml



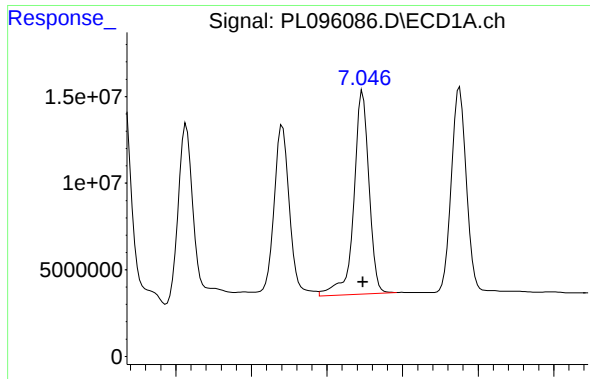
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 162525881
Conc: 46.59 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 232283431
Conc: 42.23 ng/ml



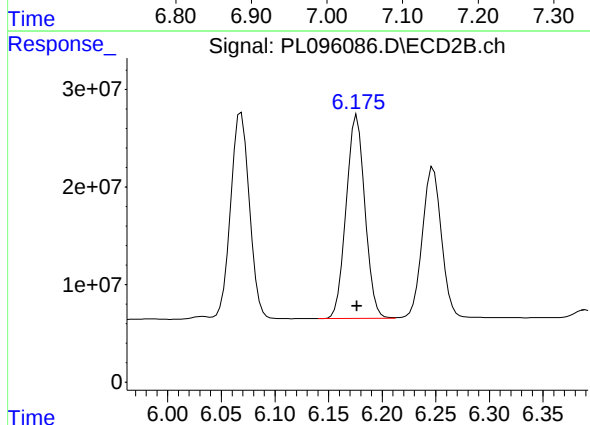
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 164190693
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

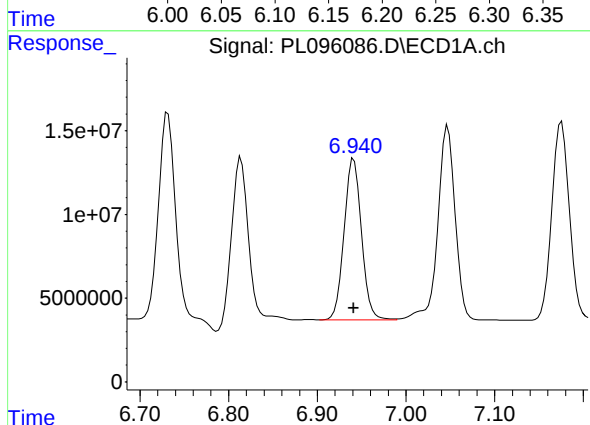
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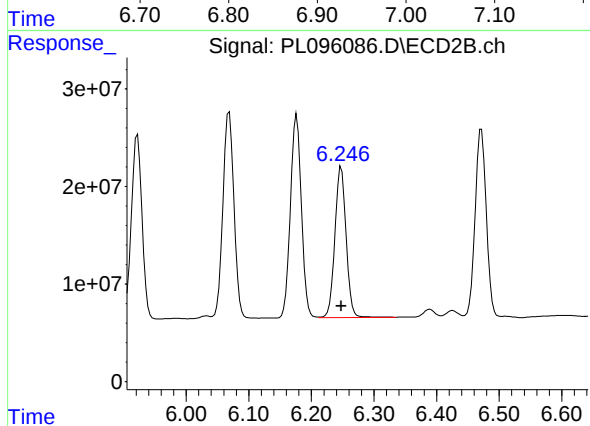
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 254017009
Conc: 42.34 ng/ml



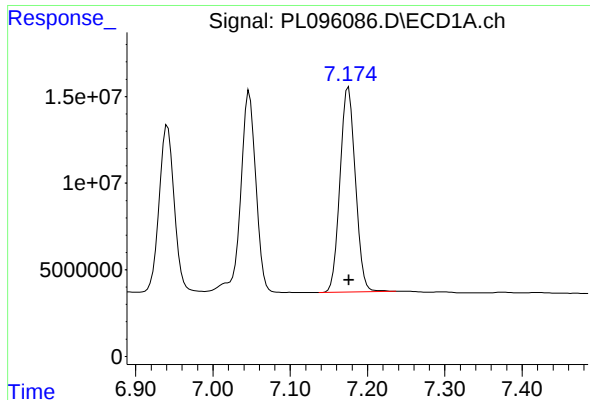
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.001 min
Response: 131709307
Conc: 46.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 192689678
Conc: 42.95 ng/ml



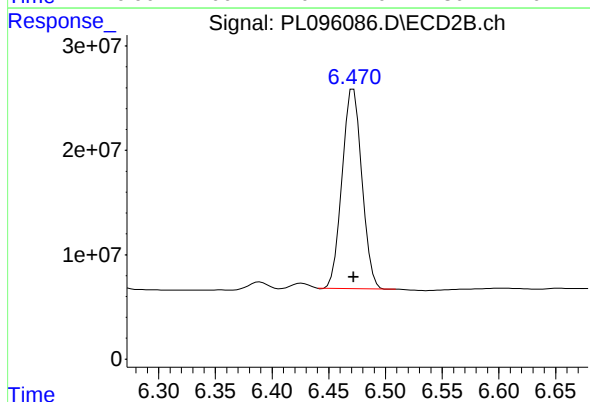
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 163077789
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

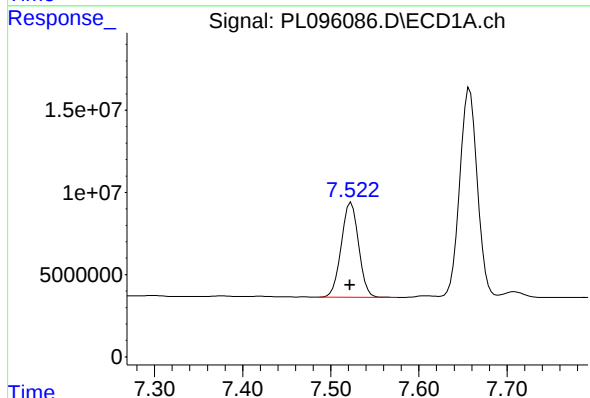
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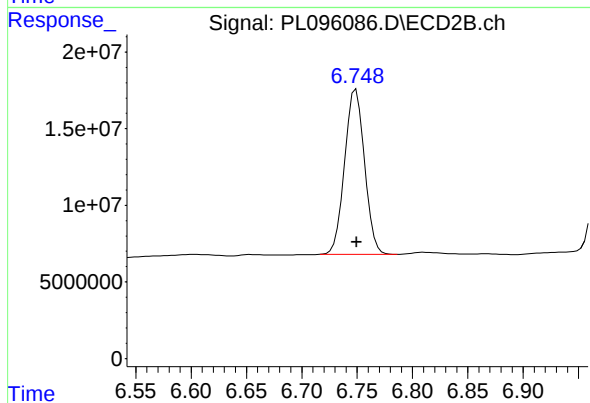
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 231713273
Conc: 40.76 ng/ml



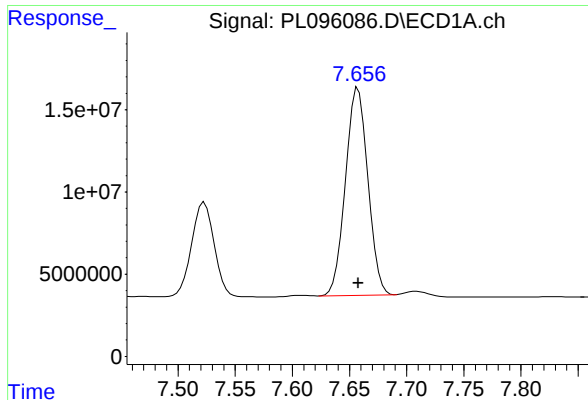
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.001 min
Response: 78700971
Conc: 44.20 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 135133123
Conc: 41.19 ng/ml



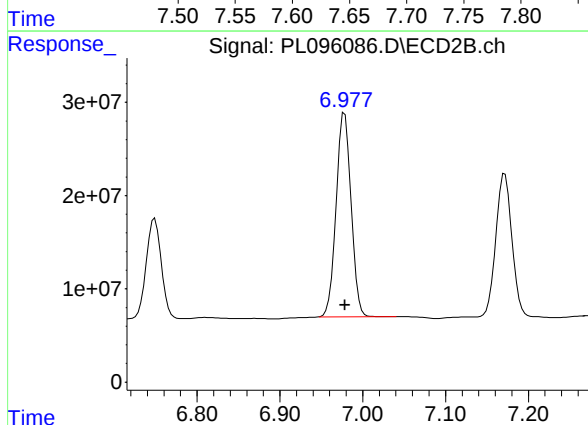
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 173164499
Conc: 44.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

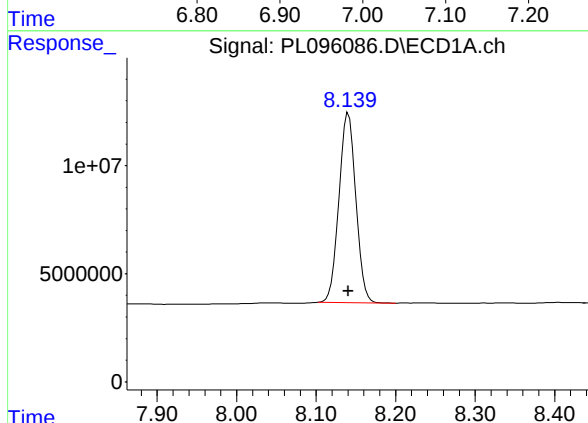
Manual Integrations
APPROVED

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



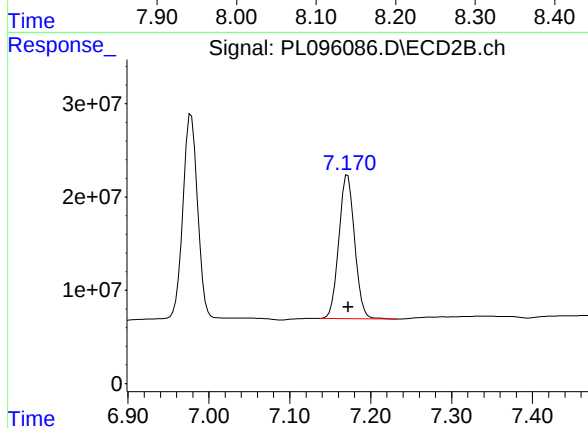
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 274264993
Conc: 41.33 ng/ml



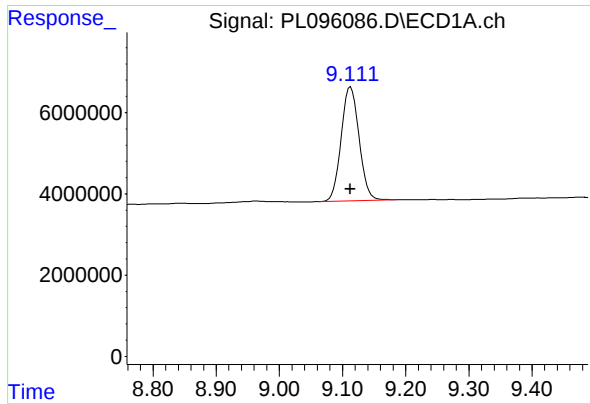
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 129572077
Conc: 43.73 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 209554172
Conc: 37.53 ng/ml



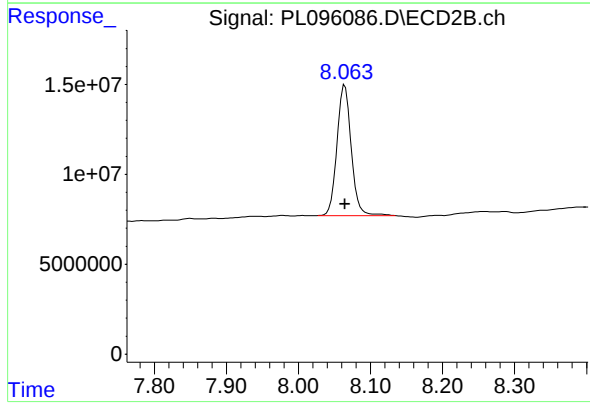
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 55339464
Conc: 19.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-9MSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/19/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 99226870
Conc: 16.46 ng/ml