

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
 Data File : PL096094.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 21:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/18/2025
 Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 06:31:34 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...	3.571	2.882	173.9E6	232.9E6	47.802	49.110
28)	SA Decachlor...	9.113	8.065	111.3E6	203.4E6	38.868	33.738
Target Compounds							
2)	A alpha-BHC	4.022	3.391	272.9E6	360.7E6	48.175	50.134
3)	MA gamma-BHC...	4.354	3.724	250.5E6	337.9E6	47.344	49.310
4)	MA Heptachlor	4.951	4.076	210.4E6	320.8E6	43.284	46.000
5)	MB Aldrin	5.293	4.361	229.1E6	320.3E6	44.942	48.679
6)	B beta-BHC	4.541	4.020	107.7E6	146.9E6	47.766	48.494
7)	B delta-BHC	4.789	4.255	241.5E6	340.4E6	46.461	49.538
8)	B Heptachlo...	5.714	4.863	200.5E6	289.7E6	44.165	46.974
9)	A Endosulfan I	6.098	5.235	185.3E6	271.7E6	43.140	42.372
10)	B gamma-Chl...	5.967	5.116	201.4E6	306.9E6	43.247m	46.144
11)	B alpha-Chl...	6.050	5.180	198.9E6	299.8E6	42.967	43.969
12)	B 4,4'-DDE	6.221	5.368	182.3E6	296.9E6	42.092	45.256
13)	MA Dieldrin	6.370	5.501	195.7E6	299.6E6	42.333	45.663
14)	MA Endrin	6.598	5.777	154.5E6	256.6E6	40.658	43.238
15)	B Endosulfa...	6.812	6.069	161.4E6	251.0E6	40.749	42.214
16)	A 4,4'-DDD	6.732	5.922	147.9E6	239.1E6	42.400	43.473
17)	MA 4,4'-DDT	7.048	6.177	130.5E6	225.9E6	37.358	37.656
18)	B Endrin al...	6.941	6.248	117.0E6	180.8E6	41.213	40.306
19)	B Endosulfa...	7.176	6.472	145.3E6	227.0E6	40.069	39.929
20)	A Methoxychlor	7.523	6.750	63080950	115.4E6	35.428	35.189
21)	B Endrin ke...	7.658	6.979	156.0E6	251.8E6	40.060	37.948
22)	Mirex	8.141	7.172	112.6E6	191.8E6	38.018	34.340

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
Data File : PL096094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 21:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

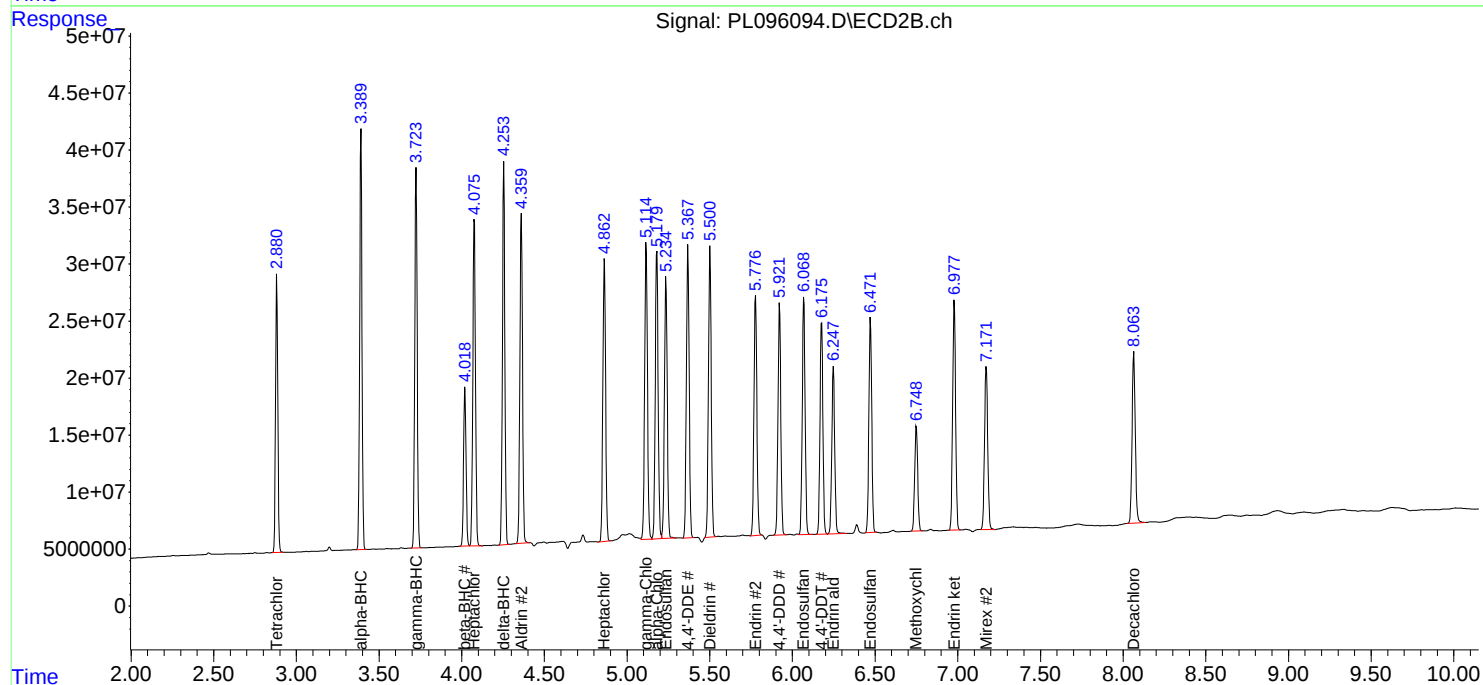
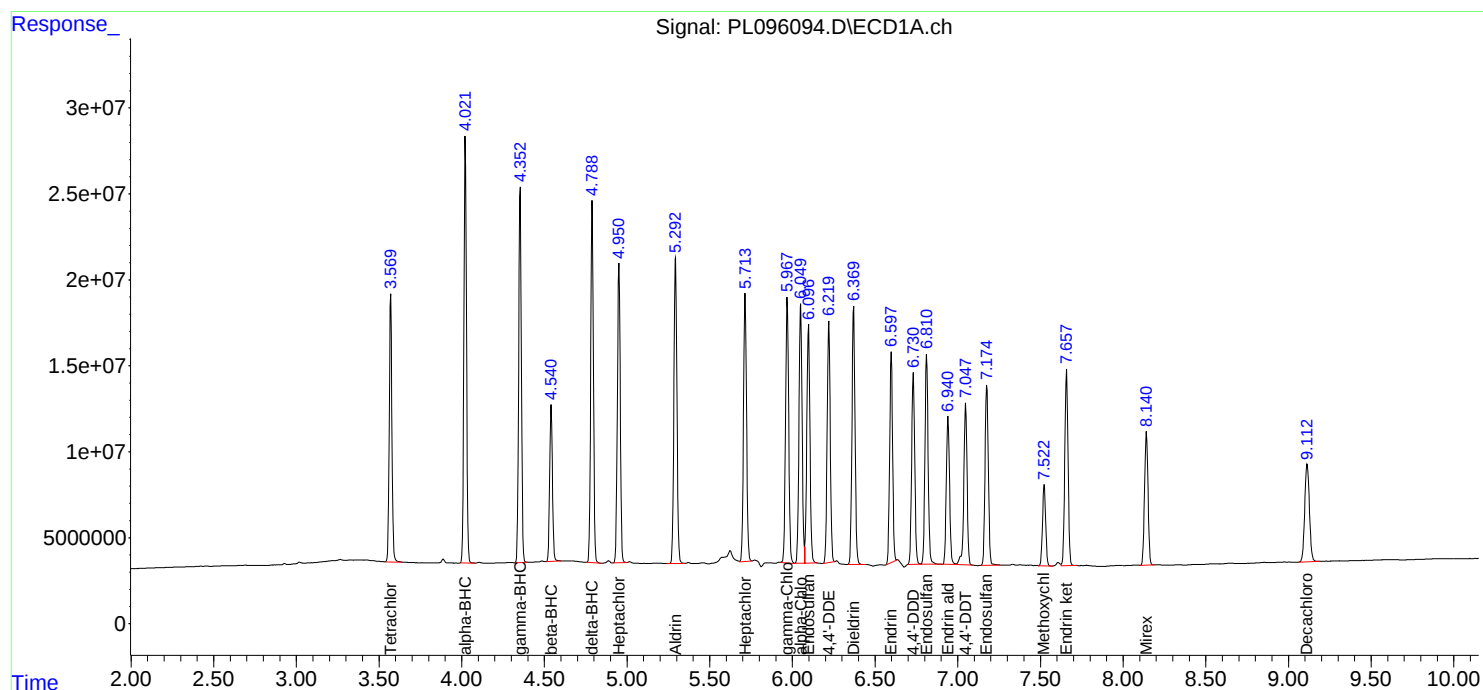
APPROVED

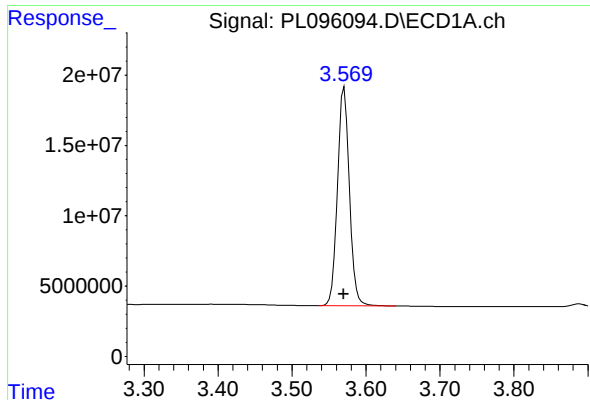
Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 06:31:34 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
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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





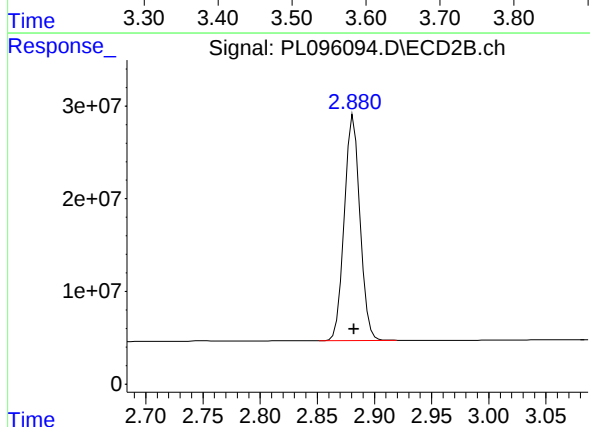
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 173946693
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

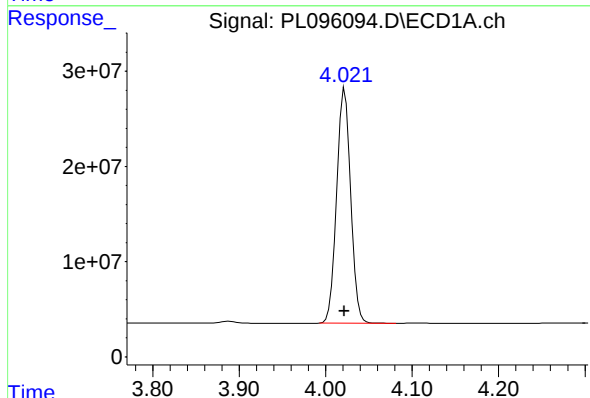
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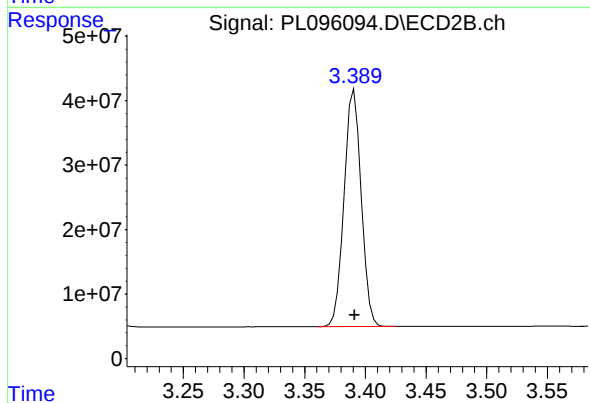
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 232928930
Conc: 49.11 ng/ml



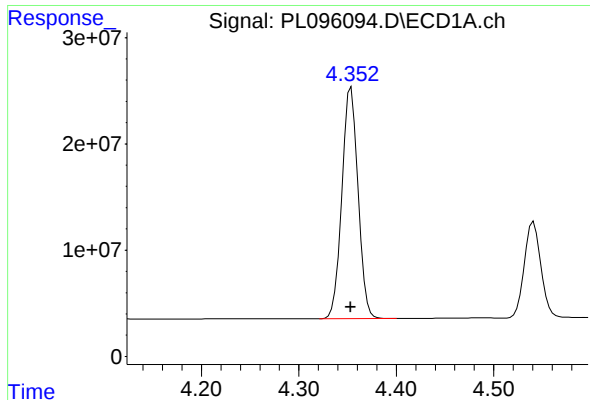
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 272869561
Conc: 48.18 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 360726306
Conc: 50.13 ng/ml



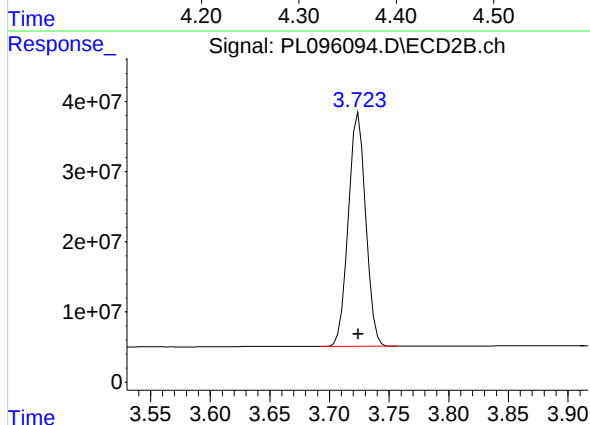
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 250517198
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

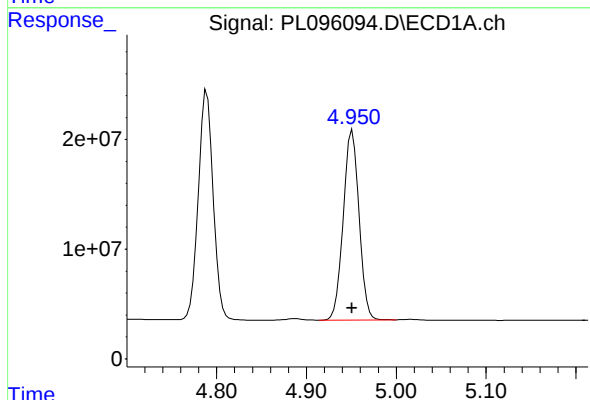
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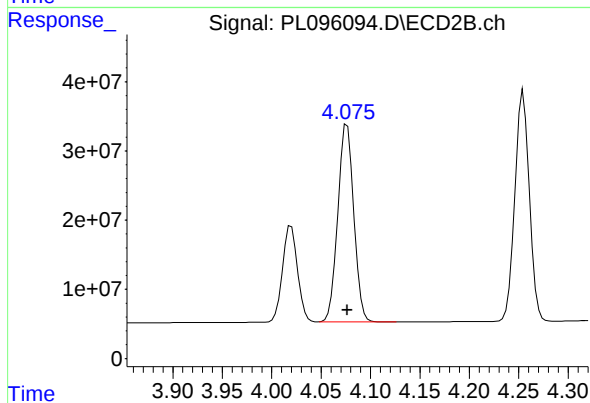
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 337876771
Conc: 49.31 ng/ml



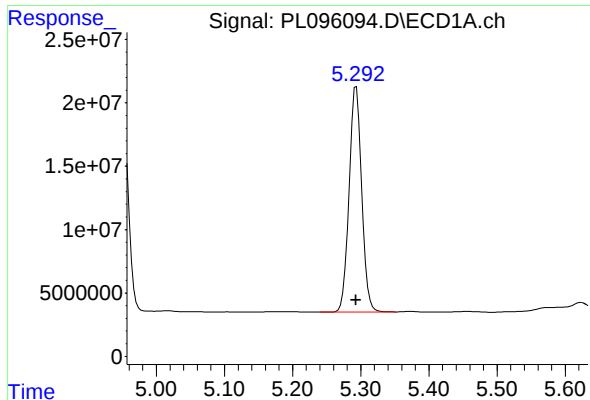
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 210374164
Conc: 43.28 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 320806738
Conc: 46.00 ng/ml



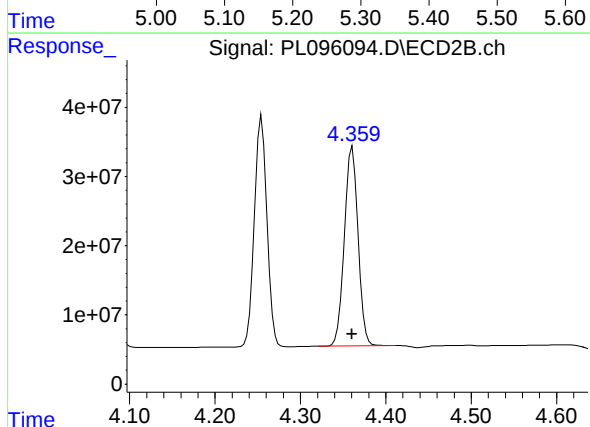
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 229123704
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

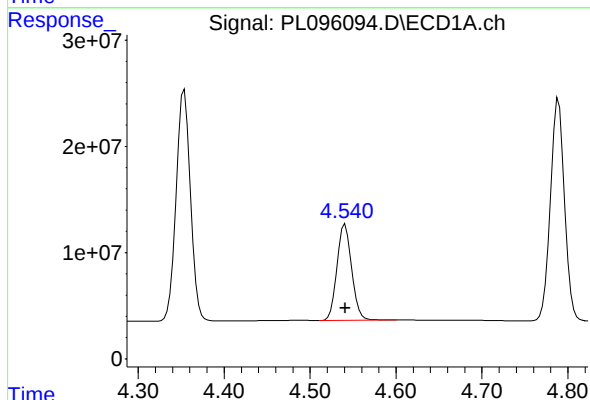
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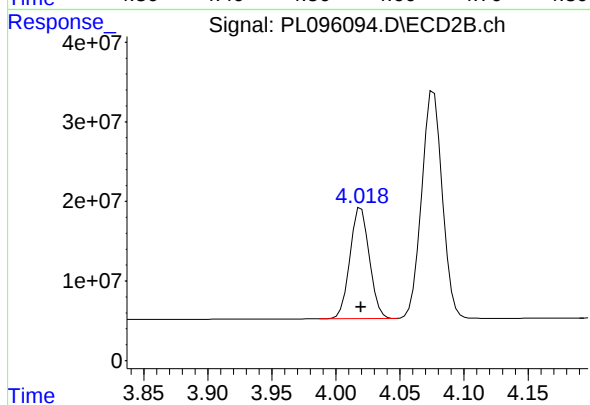
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 320261571
Conc: 48.68 ng/ml



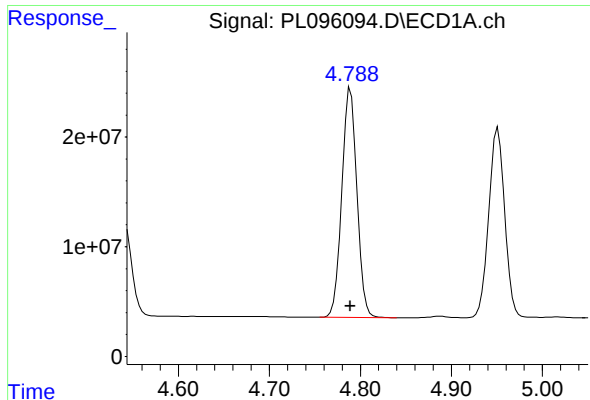
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 107699869
Conc: 47.77 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 146920488
Conc: 48.49 ng/ml



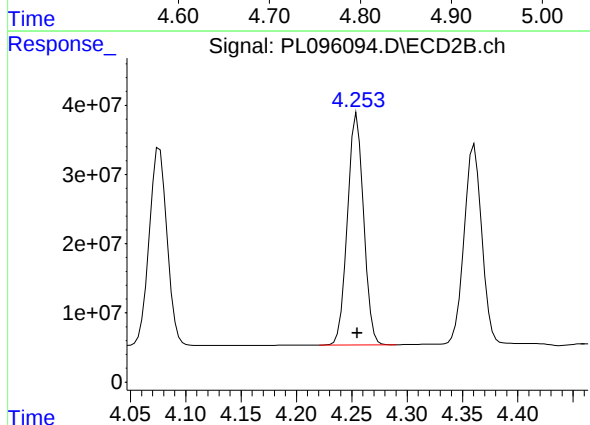
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 241532339
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

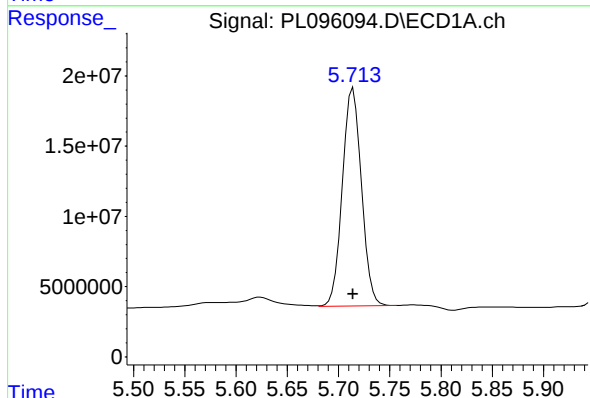
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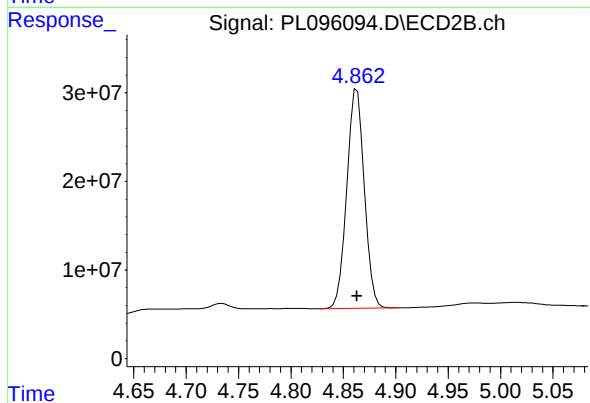
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 340433375
Conc: 49.54 ng/ml



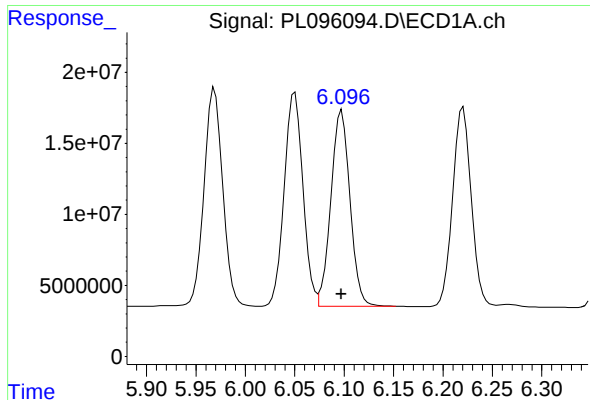
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 200519656
Conc: 44.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 289663767
Conc: 46.97 ng/ml



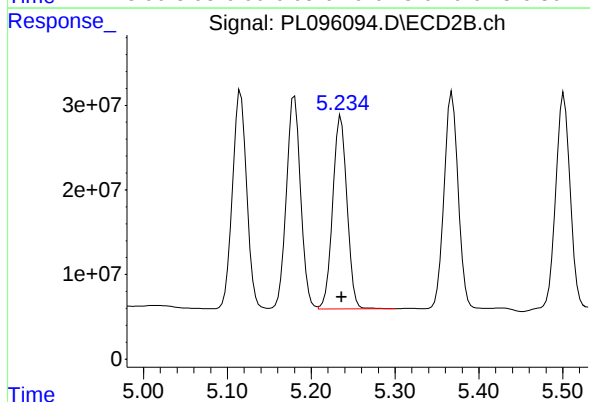
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 185288277
Conc: 43.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

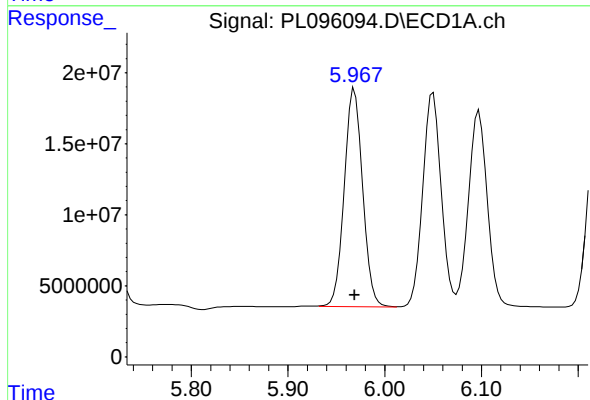
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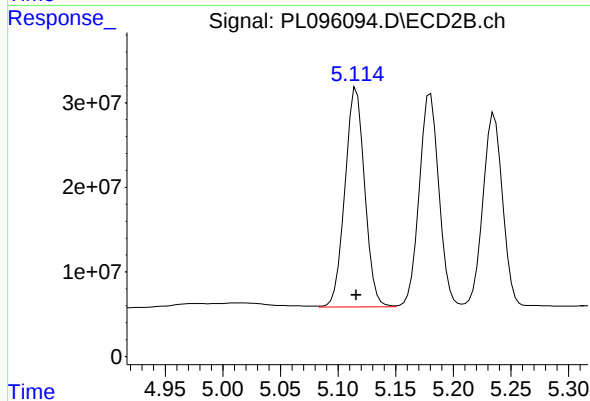
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 271706456
Conc: 42.37 ng/ml



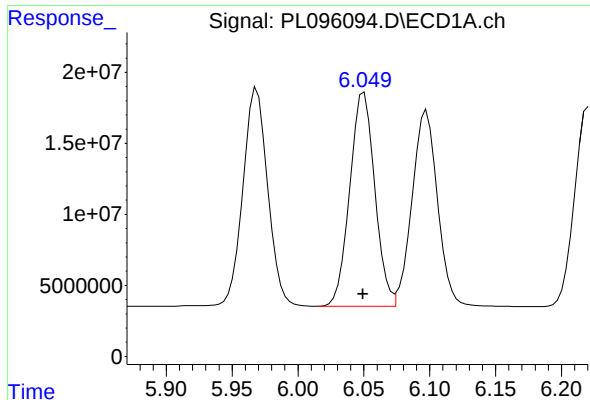
#10 gamma-Chlordane

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 201414094
Conc: 43.25 ng/ml m



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 306927253
Conc: 46.14 ng/ml



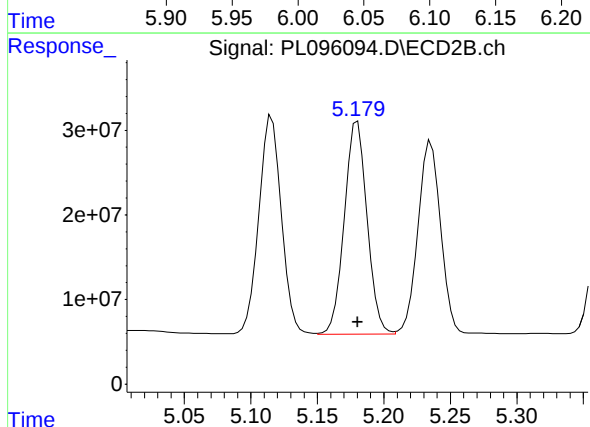
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 198904876
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

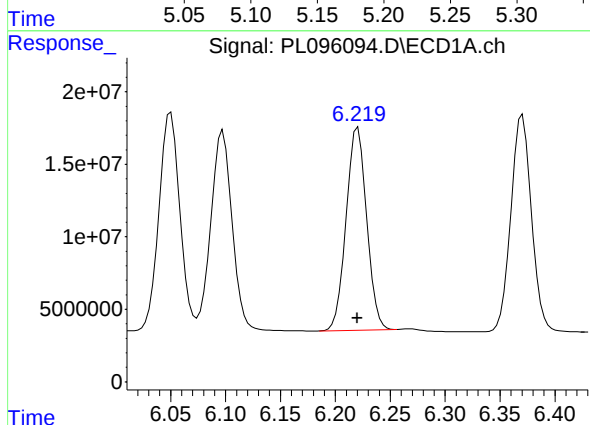
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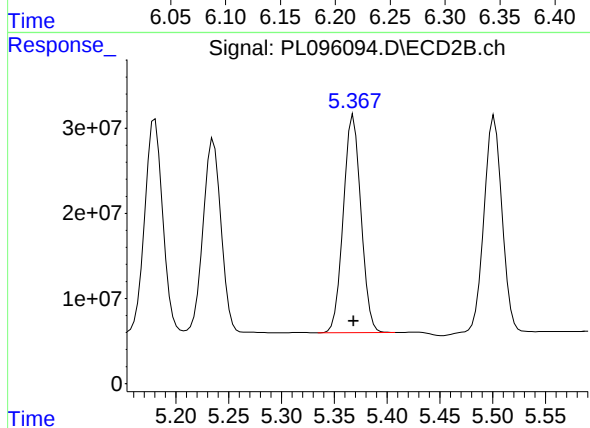
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 299759546
Conc: 43.97 ng/ml



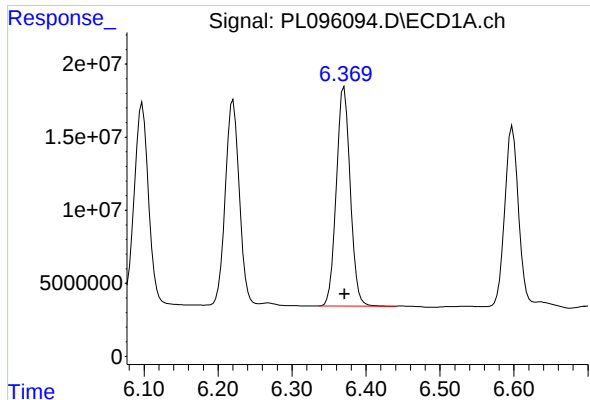
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 182284681
Conc: 42.09 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 296866575
Conc: 45.26 ng/ml



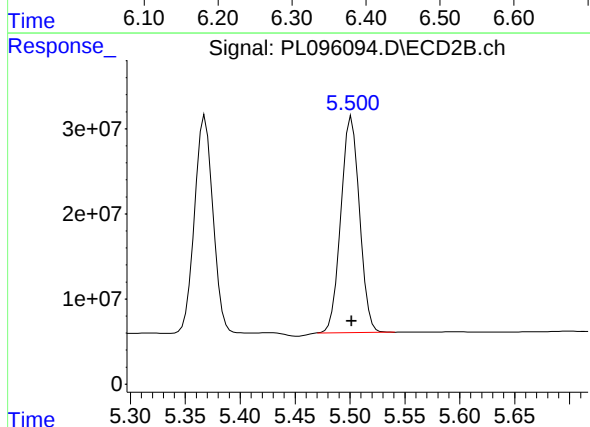
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 195676833
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

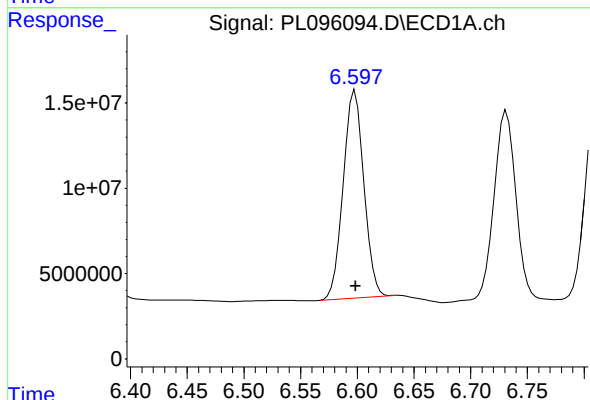
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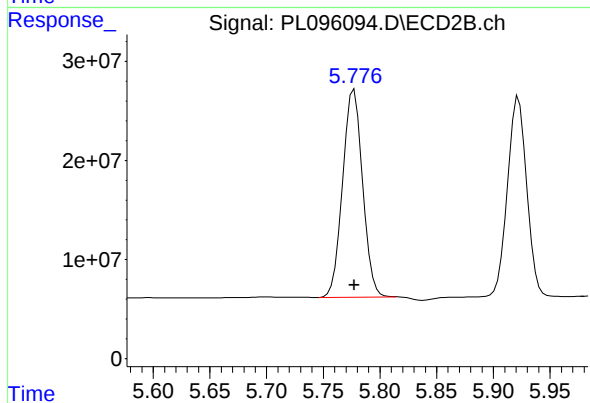
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 299597424
Conc: 45.66 ng/ml



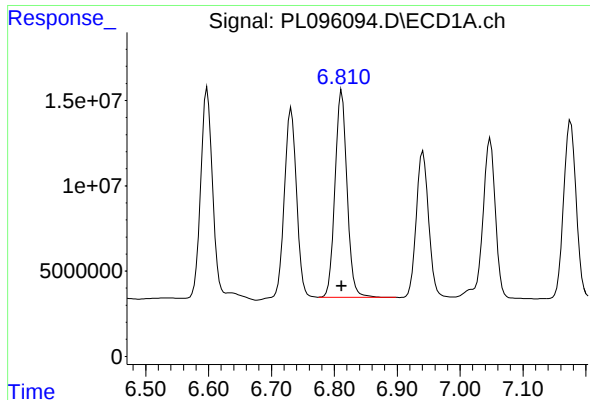
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 154540748
Conc: 40.66 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 256627118
Conc: 43.24 ng/ml



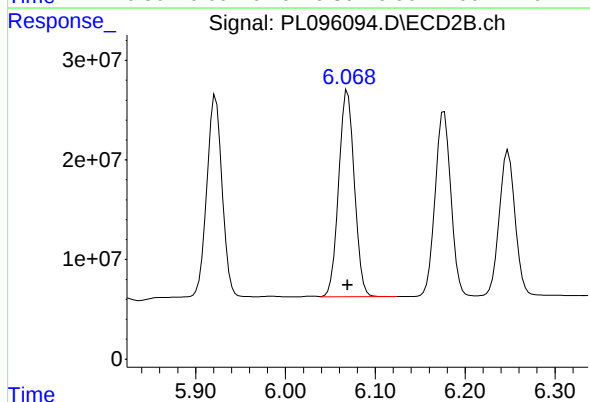
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 161400312
Conc: 40.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

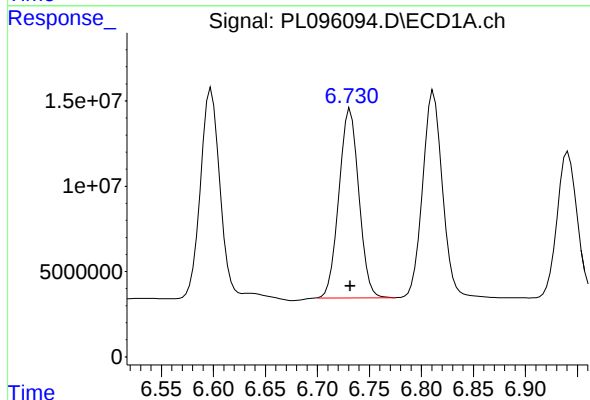
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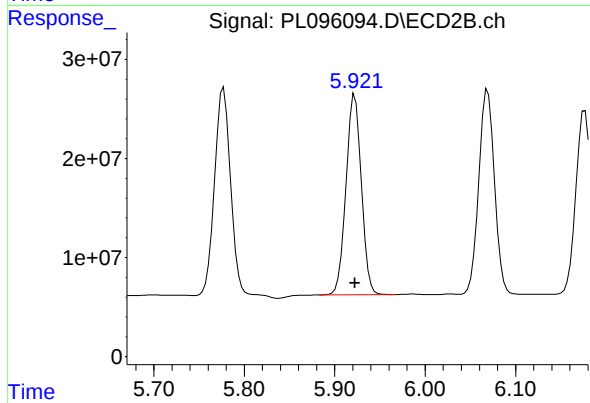
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 250988819
Conc: 42.21 ng/ml



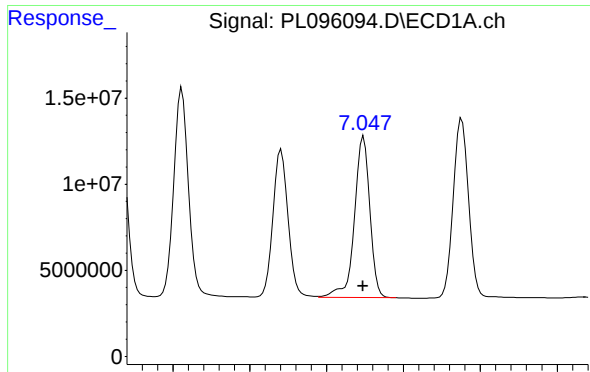
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 147897136
Conc: 42.40 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 239143773
Conc: 43.47 ng/ml



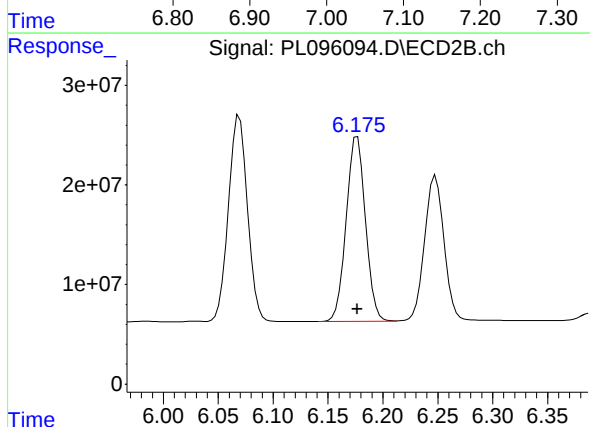
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 130462785
Conc: 37.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

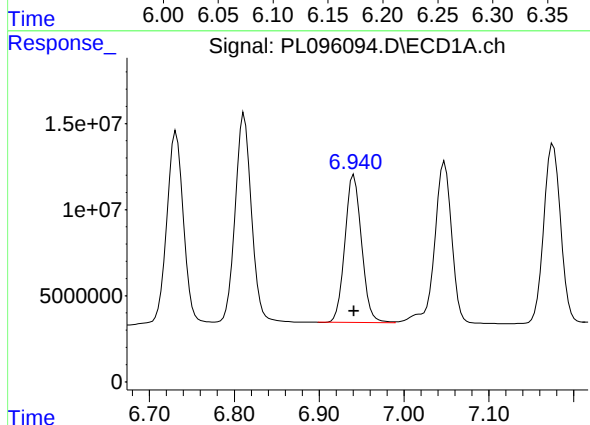
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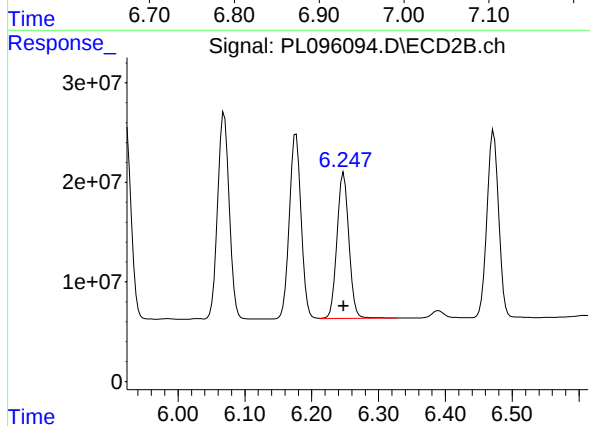
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 225936985
Conc: 37.66 ng/ml



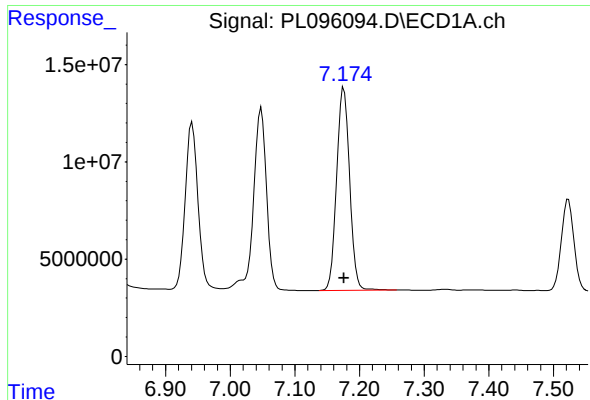
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 117049740
Conc: 41.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 180819223
Conc: 40.31 ng/ml



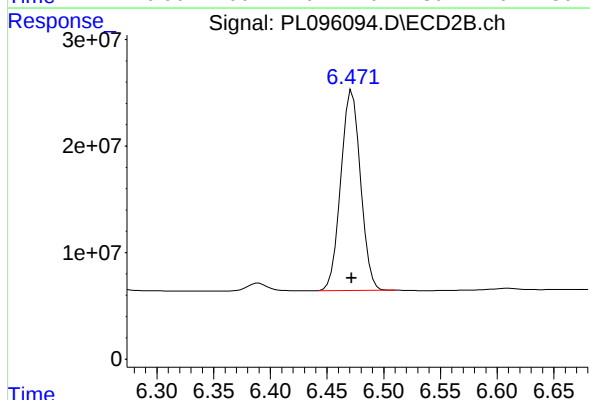
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 145301593
Conc: 40.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

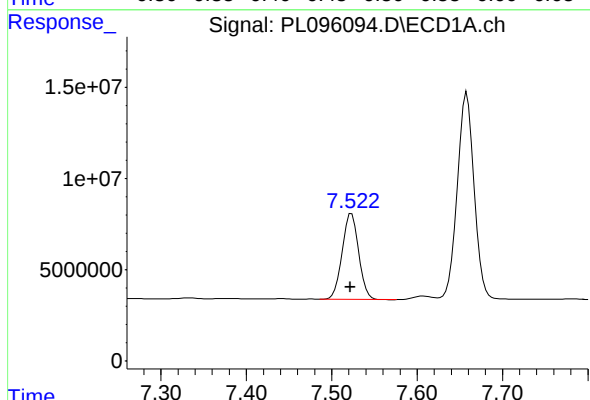
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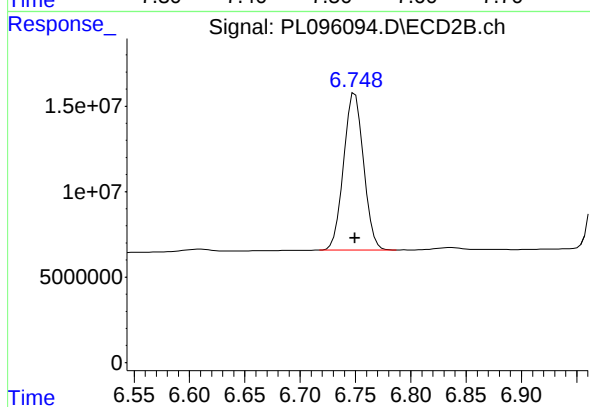
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 227005009
Conc: 39.93 ng/ml



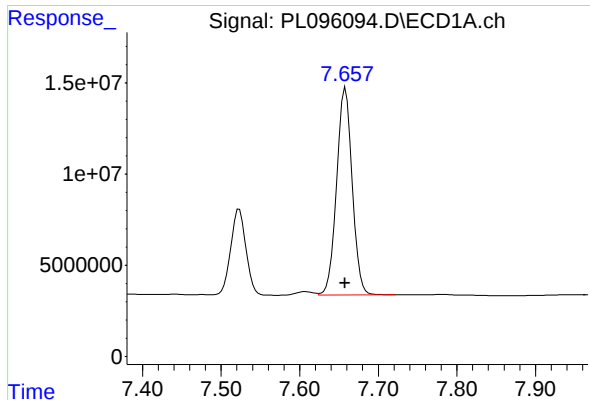
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.001 min
Response: 63080950
Conc: 35.43 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 115437498
Conc: 35.19 ng/ml



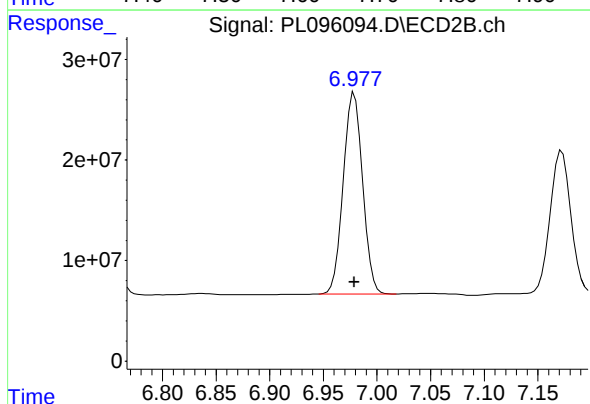
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 156010351
Conc: 40.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

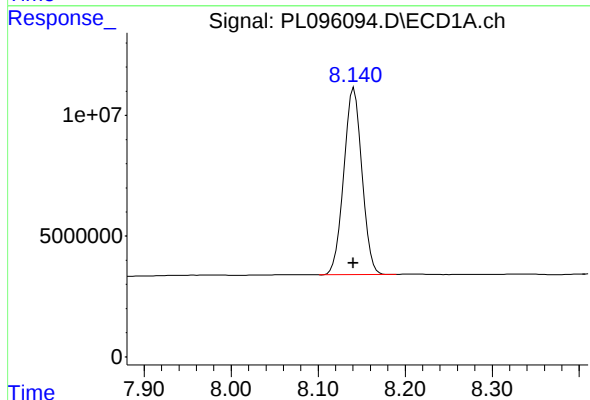
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



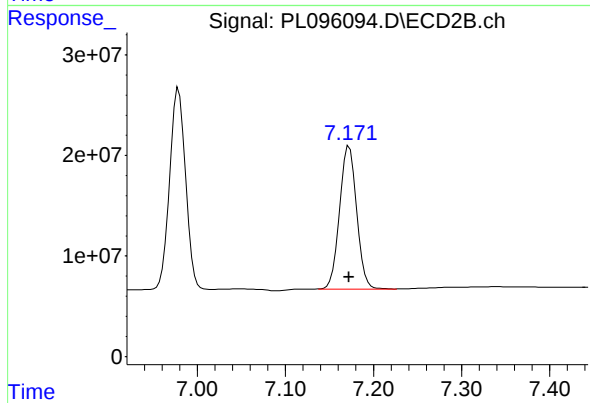
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 251829442
Conc: 37.95 ng/ml



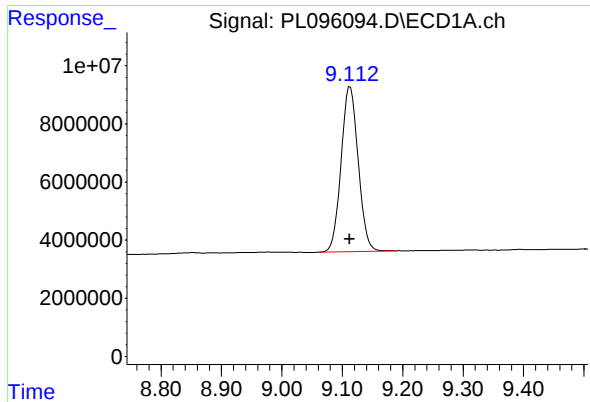
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 112640213
Conc: 38.02 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 191760265
Conc: 34.34 ng/ml



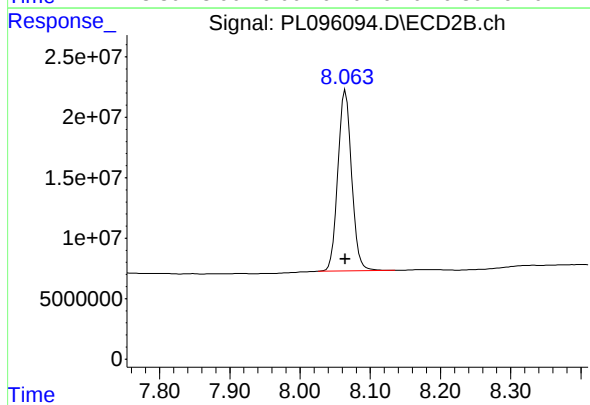
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 111302689
Conc: 38.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 203357385
Conc: 33.74 ng/ml