

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082225\
 Data File : PL096946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 09:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/25/2025
 Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 04:09:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.531	2.826	192.2E6	289.7E6	48.722	51.390
28)	SA Decachlor...	9.005	7.987	138.7E6	262.3E6	46.847	54.693
Target Compounds							
2)	A alpha-BHC	3.978	3.331	289.1E6	436.5E6	49.894	53.154
3)	MA gamma-BHC...	4.305	3.663	272.2E6	404.5E6	49.828	54.905
4)	MA Heptachlor	4.896	4.011	266.8E6	406.4E6	50.035	54.009
5)	MB Aldrin	5.236	4.294	260.6E6	384.1E6	49.605	54.611
6)	B beta-BHC	4.492	3.959	109.8E6	172.5E6	47.999	52.877
7)	B delta-BHC	4.738	4.192	246.8E6	402.7E6	54.835	54.798
8)	B Heptachlo...	5.655	4.796	237.0E6	344.6E6	46.053	54.482
9)	A Endosulfan I	6.037	5.166	209.3E6	317.4E6	48.722	52.979
10)	B gamma-Chl...	5.908	5.047	228.6E6	361.5E6	49.644m	54.683
11)	B alpha-Chl...	5.990	5.112	227.8E6	355.2E6	48.397	54.394
12)	B 4,4'-DDE	6.160	5.300	190.2E6	340.7E6	47.658	55.350
13)	MA Dieldrin	6.310	5.430	221.7E6	360.3E6	48.821	54.976m
14)	MA Endrin	6.536	5.705	184.6E6	326.9E6	49.302	55.337
15)	B Endosulfa...	6.747	5.997	191.4E6	310.6E6	43.459m	54.314
16)	A 4,4'-DDD	6.669	5.853	153.7E6	286.3E6	48.691	54.816
17)	MA 4,4'-DDT	6.982	6.105	171.7E6	309.8E6	49.026	56.553
18)	B Endrin al...	6.878	6.175	125.5E6	222.4E6	48.233	53.853
19)	B Endosulfa...	7.111	6.399	166.9E6	302.6E6	48.616	54.013
20)	A Methoxychlor	7.455	6.677	84408210	167.4E6	48.636	55.808
21)	B Endrin ke...	7.590	6.903	175.1E6	344.3E6	49.253	55.015
22)	Mirex	8.069	7.092	142.9E6	263.3E6	47.764	54.219

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082225\
Data File : PL096946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 09:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

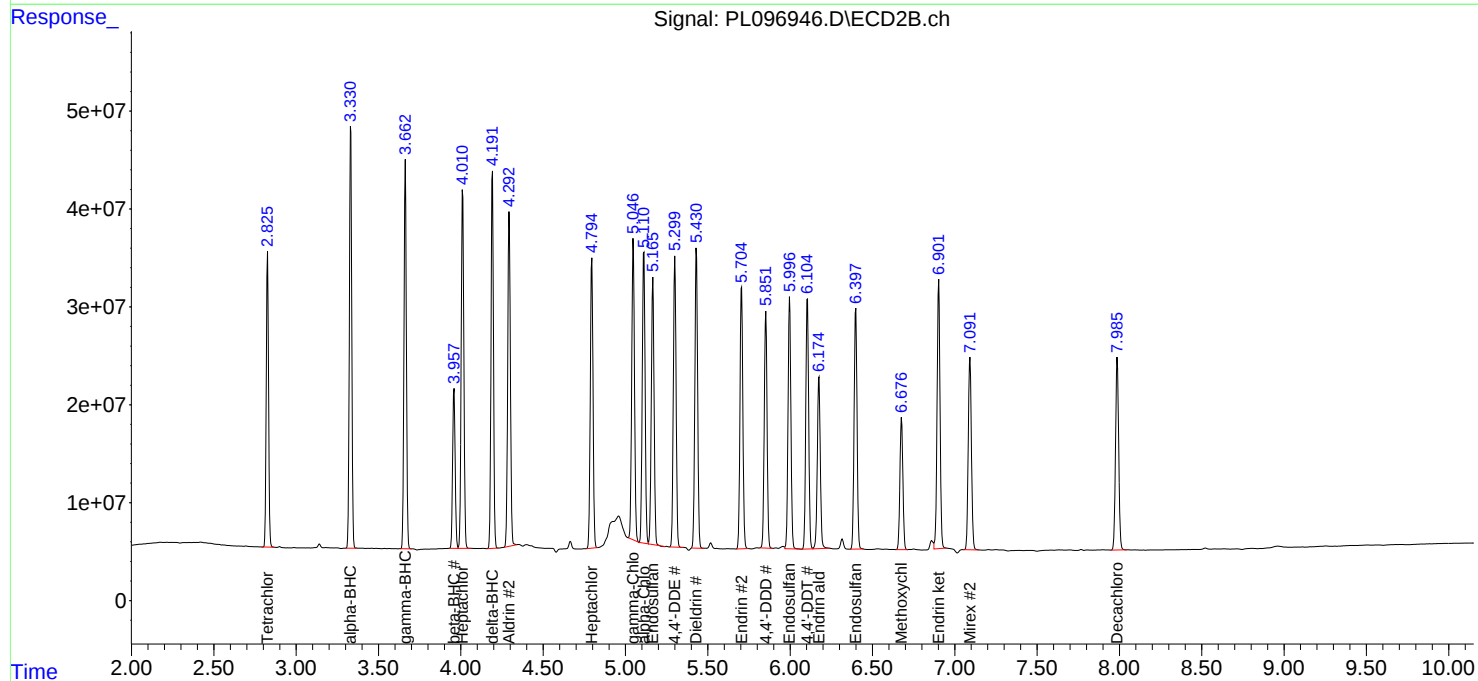
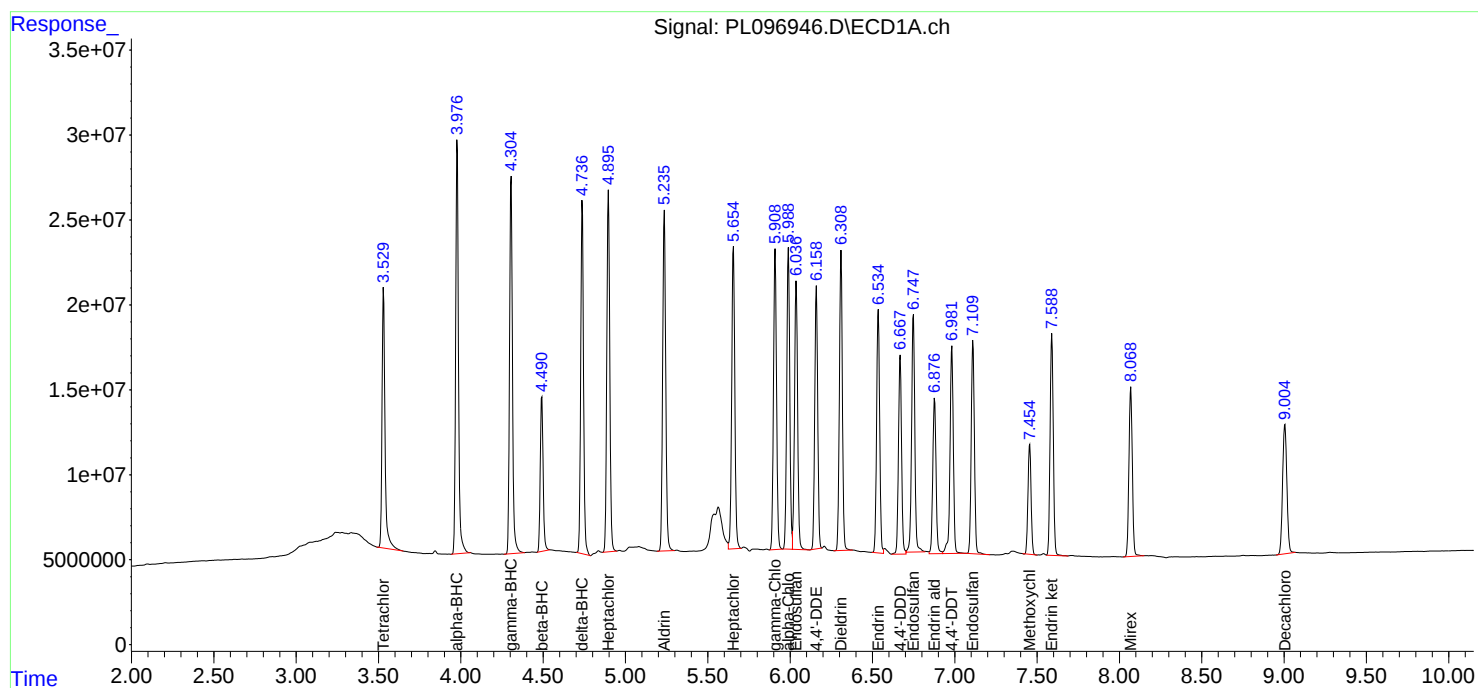
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

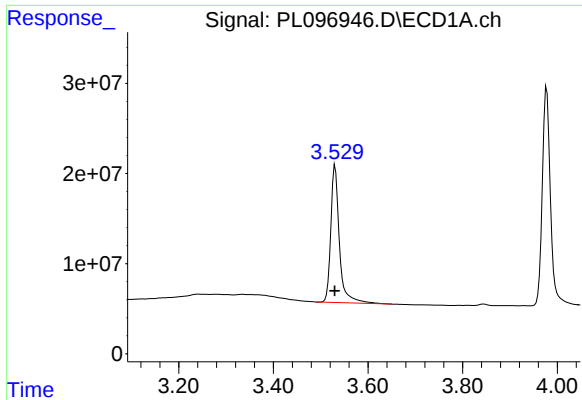
Manual Integrations
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Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 04:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 2025
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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.: 3.531 min
Delta R.T.: 0.000 min
Response: 192150938
Conc: 48.72 ng/ml

Instrument :

ECD_L

ClientSampleId :

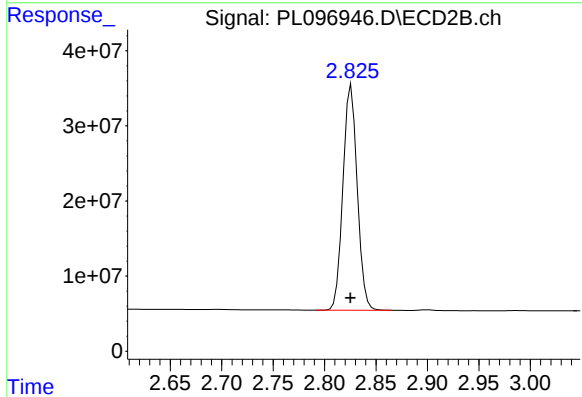
PSTDCCC050

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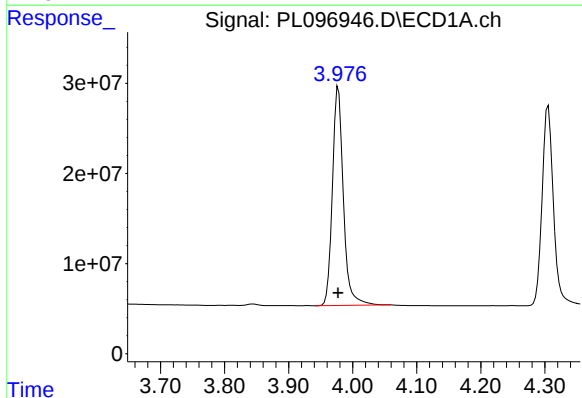
Reviewed By :Abdul Mirza 08/25/2025

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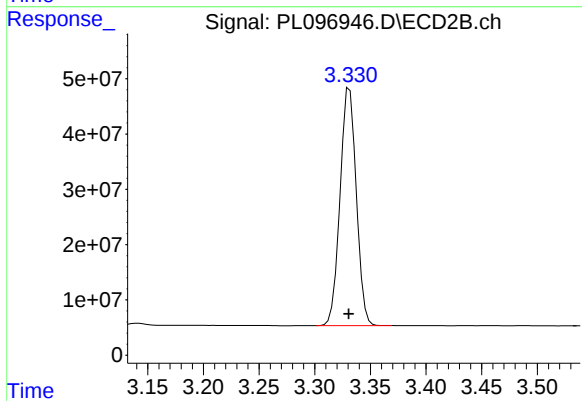
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: 0.000 min
Response: 289668395
Conc: 51.39 ng/ml



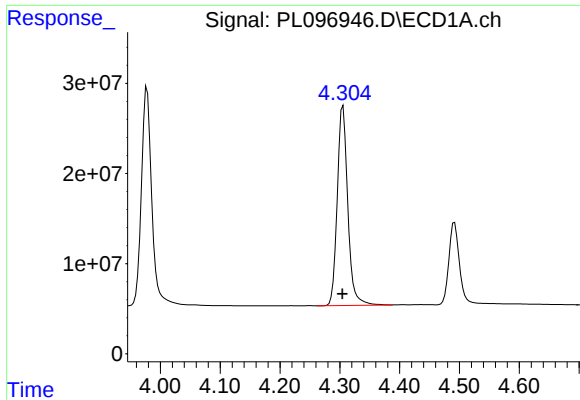
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 289085429
Conc: 49.89 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 436463285
Conc: 53.15 ng/ml



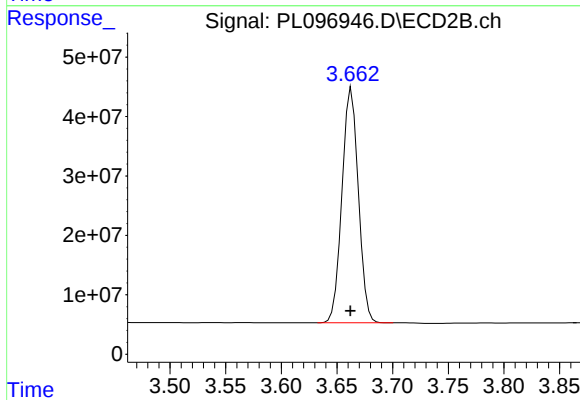
#3 gamma-BHC (Lindane)

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 272150962
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

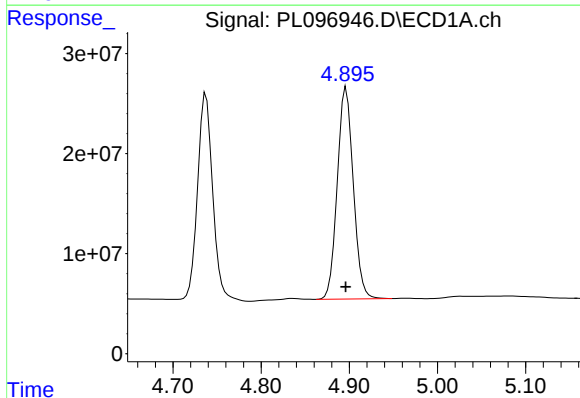
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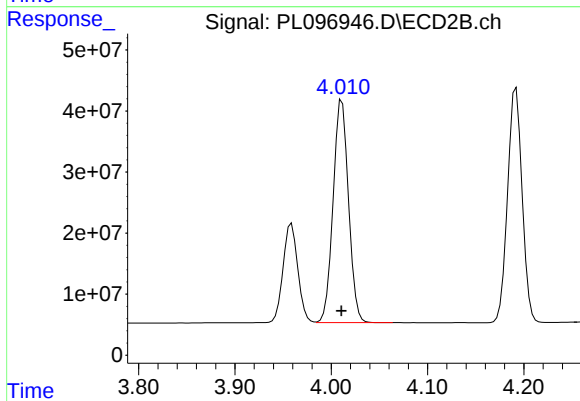
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 404455133
Conc: 54.90 ng/ml



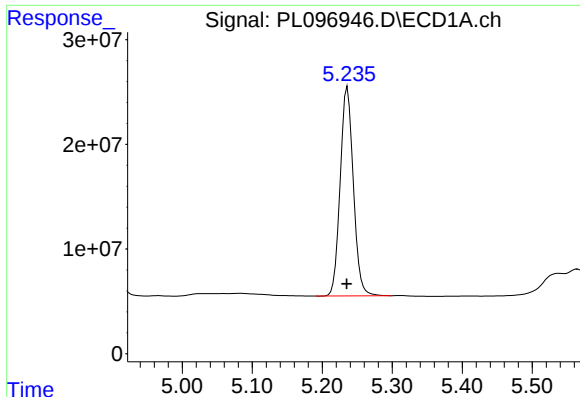
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 266802310
Conc: 50.03 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 406377272
Conc: 54.01 ng/ml



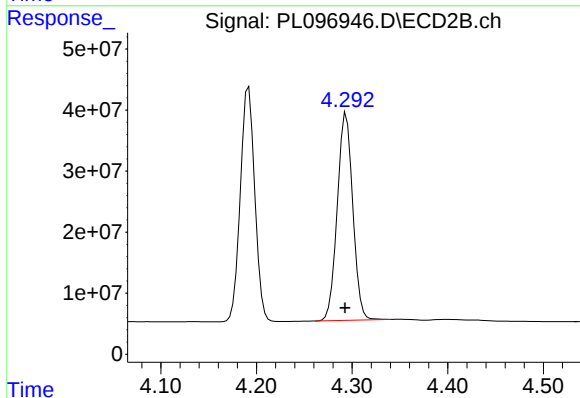
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 260601770
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

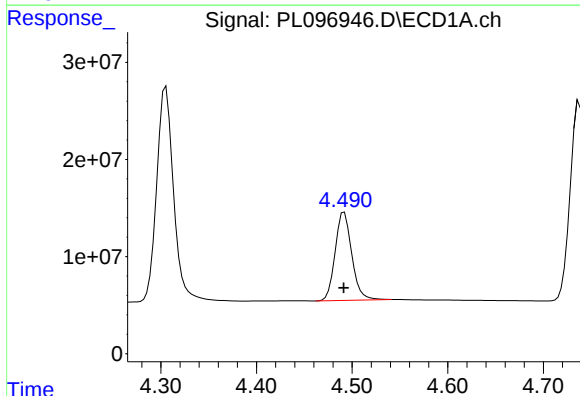
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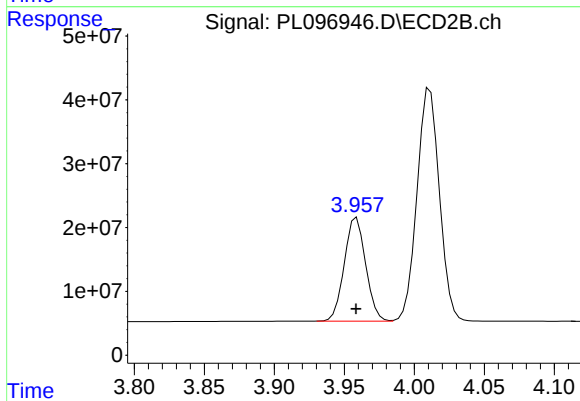
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: 0.001 min
Response: 384071439
Conc: 54.61 ng/ml



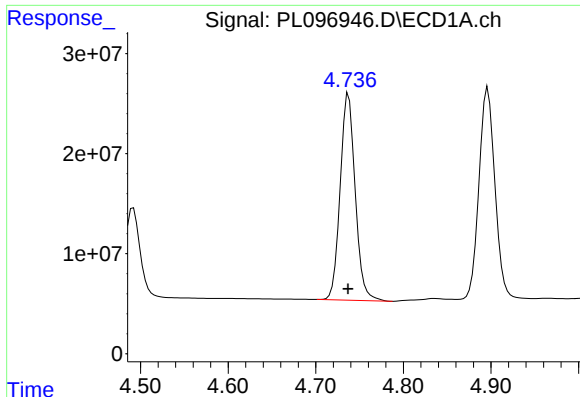
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 109776645
Conc: 48.00 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 172501109
Conc: 52.88 ng/ml



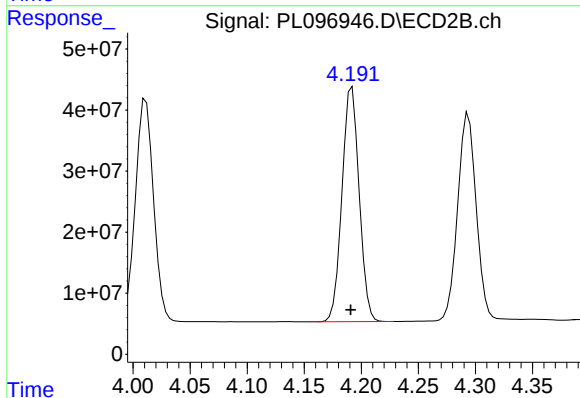
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 246753087
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

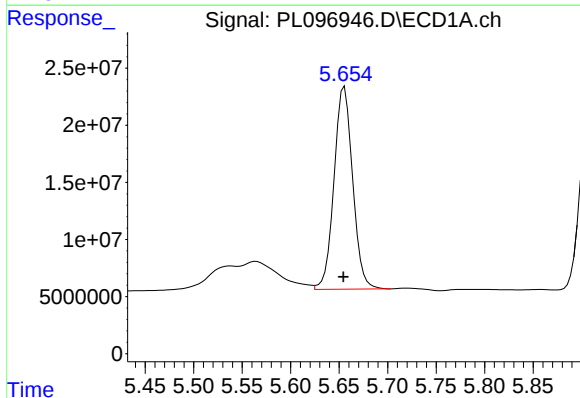
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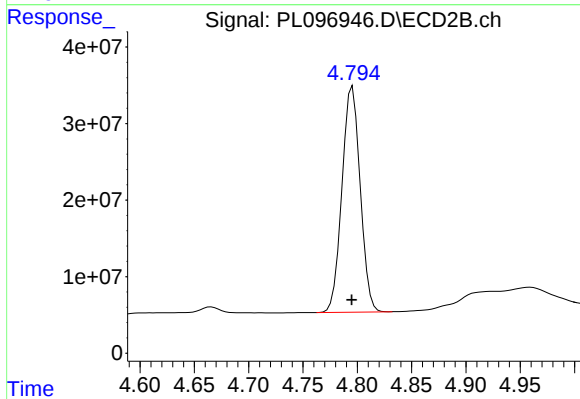
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: 0.001 min
Response: 402703324
Conc: 54.80 ng/ml



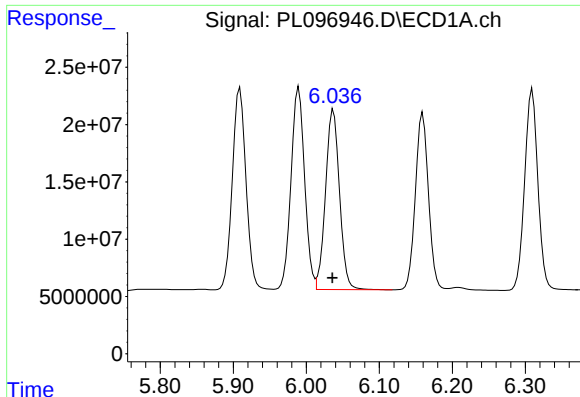
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 236977868
Conc: 46.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 344597172
Conc: 54.48 ng/ml



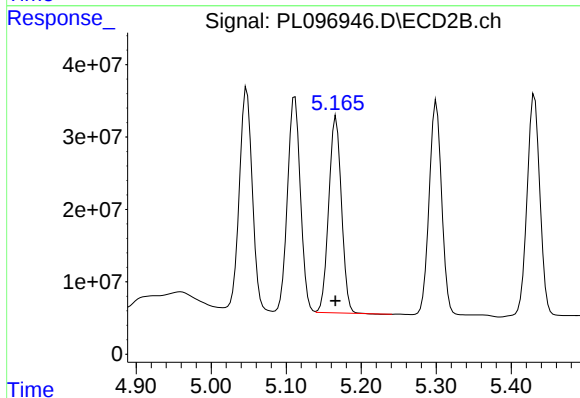
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: 0.001 min
Response: 209347647
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

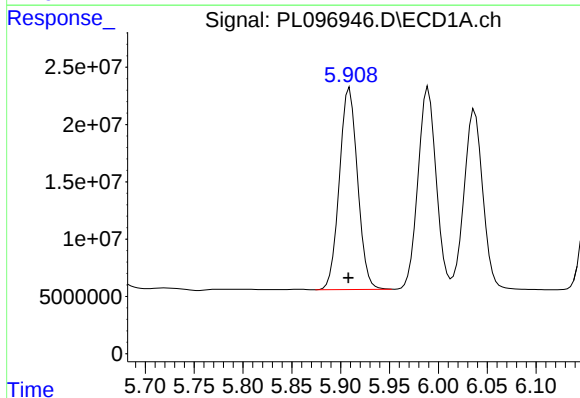
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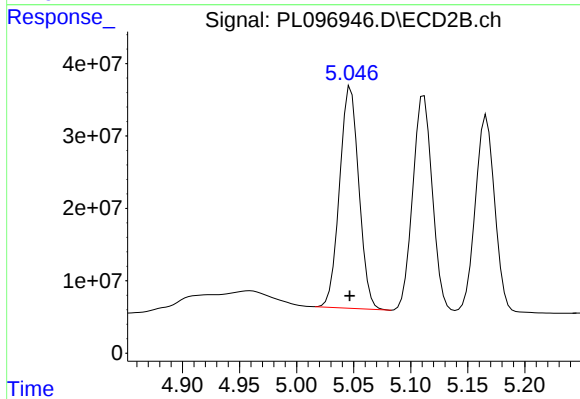
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 317415995
Conc: 52.98 ng/ml



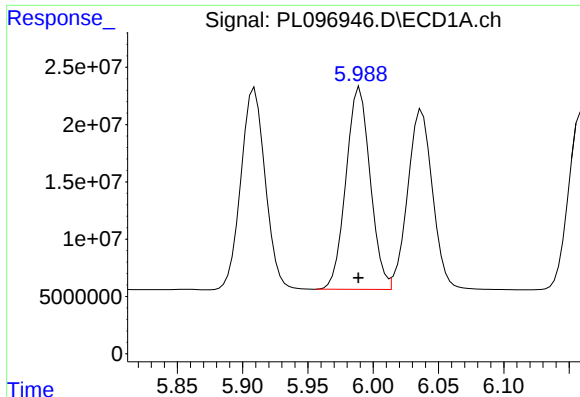
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 228633936
Conc: 49.64 ng/ml m



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 361517028
Conc: 54.68 ng/ml



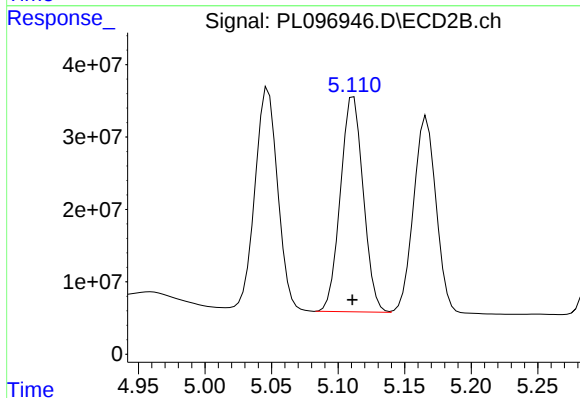
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 227750212
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

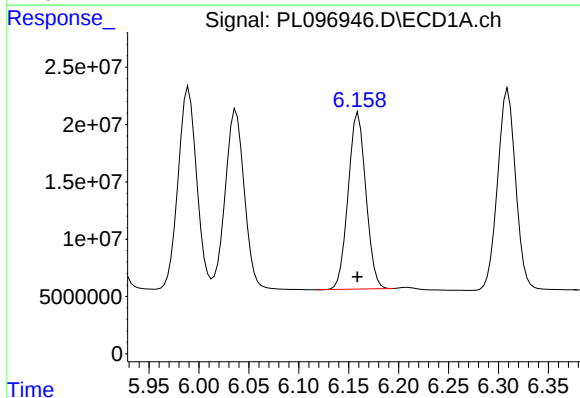
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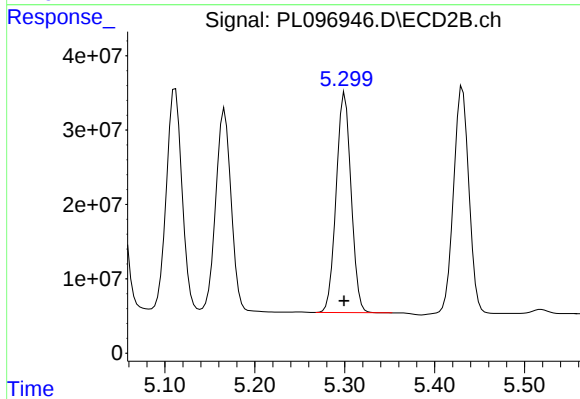
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.001 min
Response: 355180027
Conc: 54.39 ng/ml



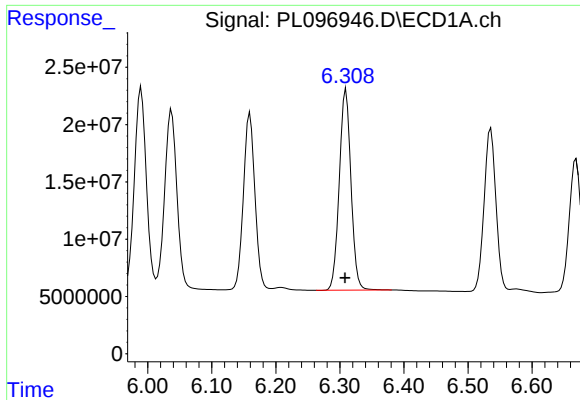
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 190162901
Conc: 47.66 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 340662797
Conc: 55.35 ng/ml



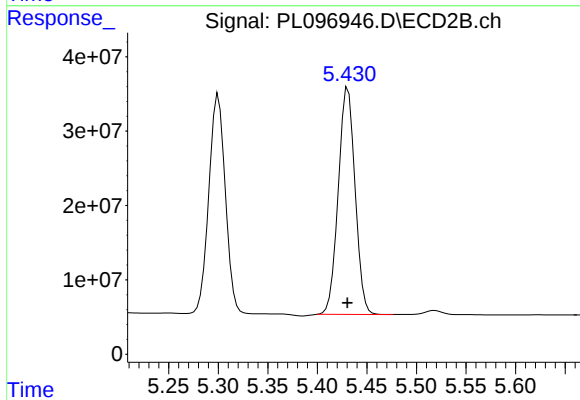
#13 Dieldrin

R.T.: 6.310 min
Delta R.T.: 0.001 min
Response: 221689605
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

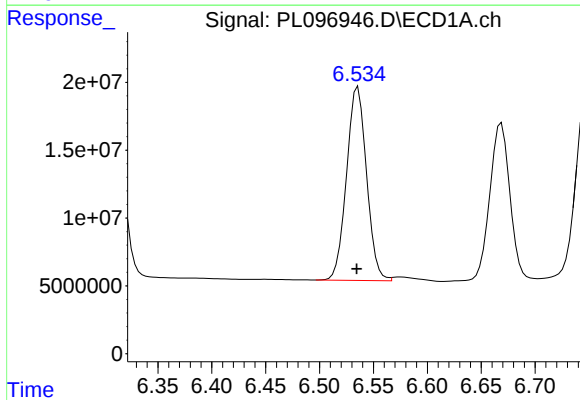
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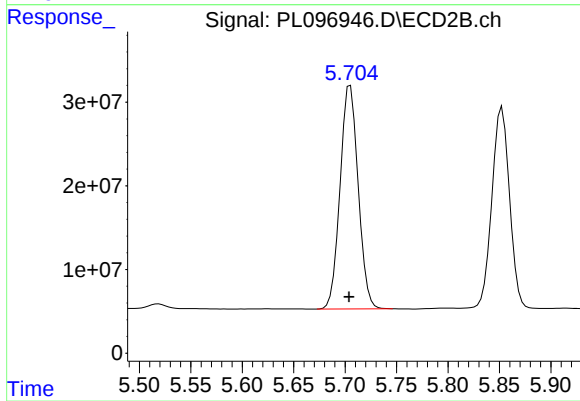
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 360258487
Conc: 54.98 ng/ml m



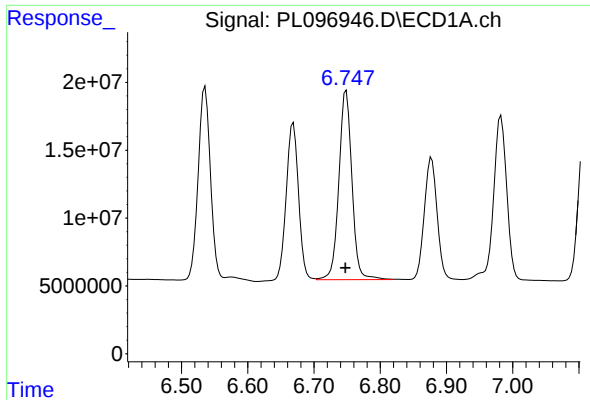
#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.001 min
Response: 184630684
Conc: 49.30 ng/ml



#14 Endrin

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 326887894
Conc: 55.34 ng/ml



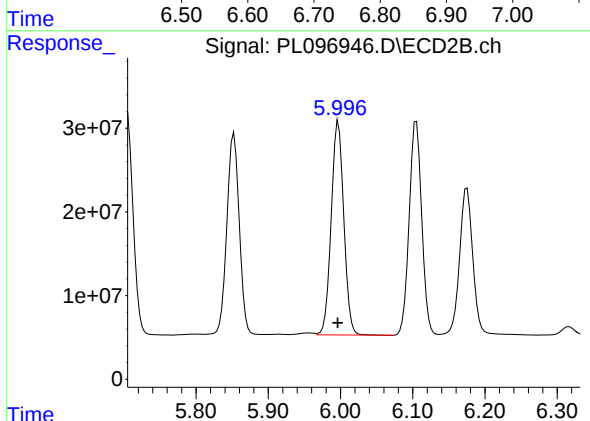
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 191439101
Conc: 43.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

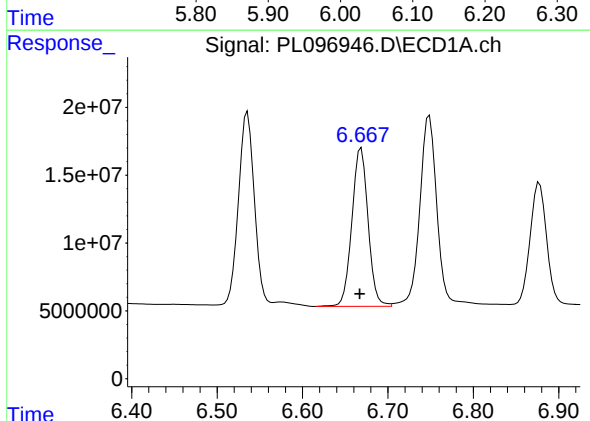
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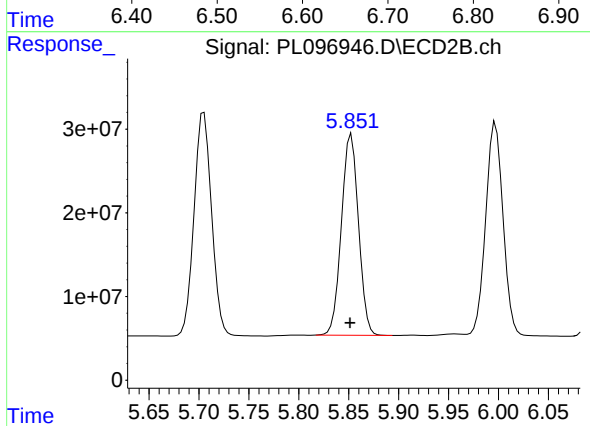
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 310605917
Conc: 54.31 ng/ml



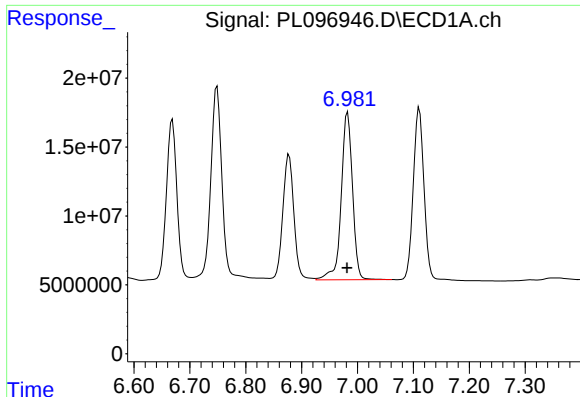
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 153658086
Conc: 48.69 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: 0.001 min
Response: 286267308
Conc: 54.82 ng/ml



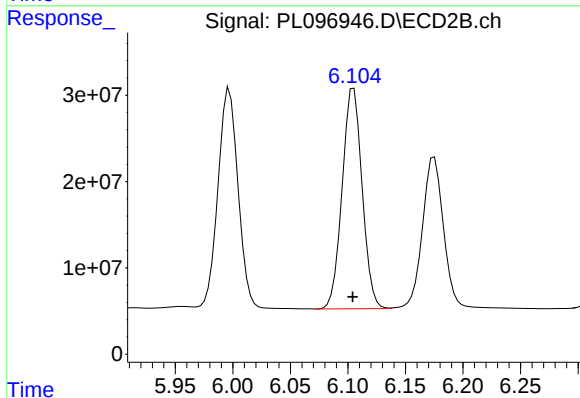
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 171710804
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

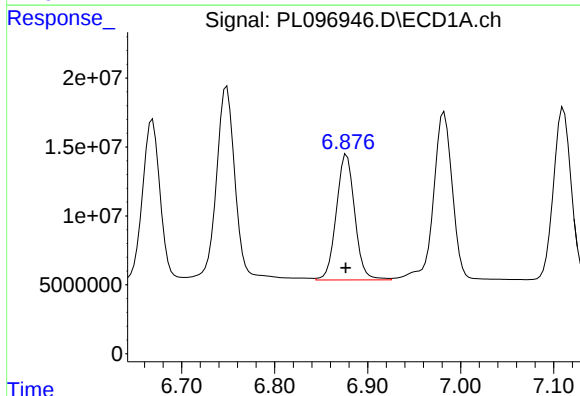
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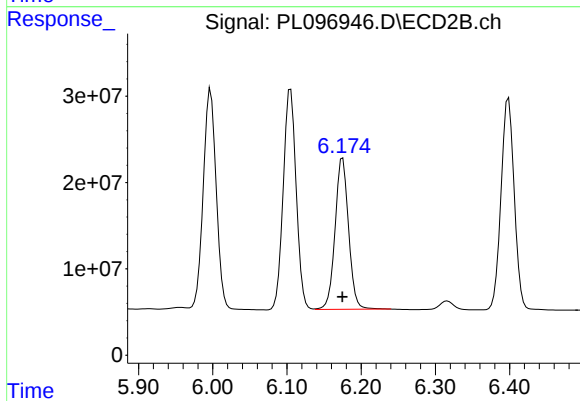
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 309755893
Conc: 56.55 ng/ml



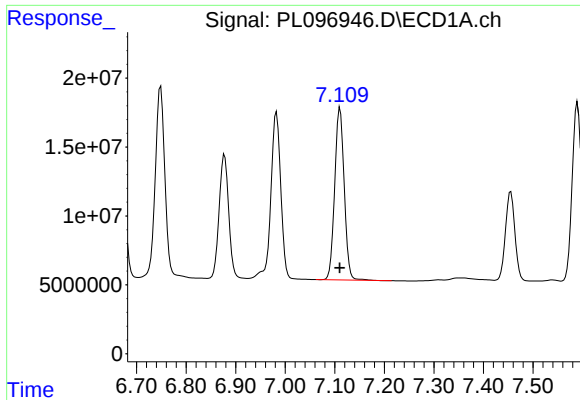
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.001 min
Response: 125475976
Conc: 48.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 222436738
Conc: 53.85 ng/ml



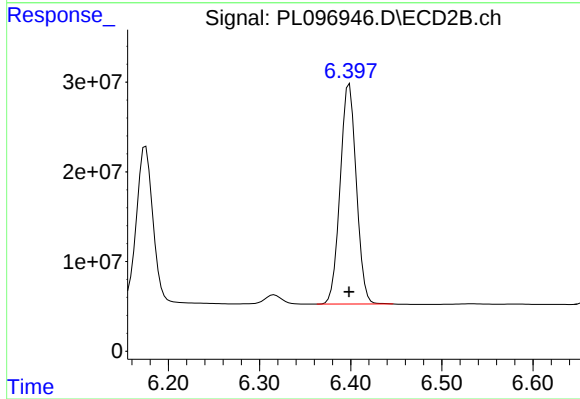
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 166916601
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

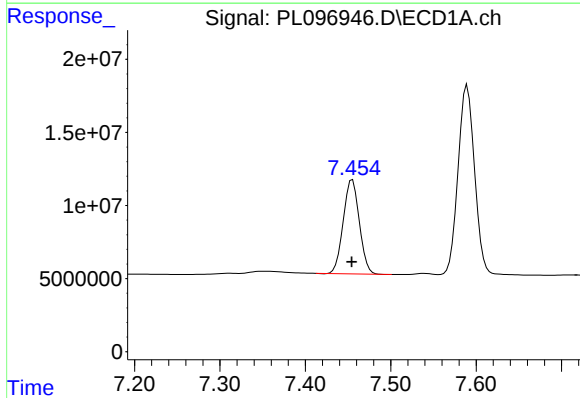
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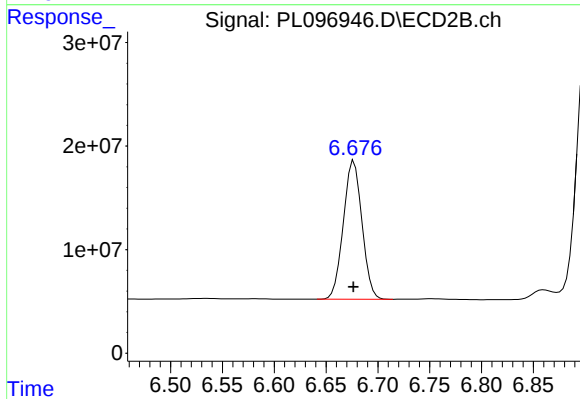
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 302631598
Conc: 54.01 ng/ml



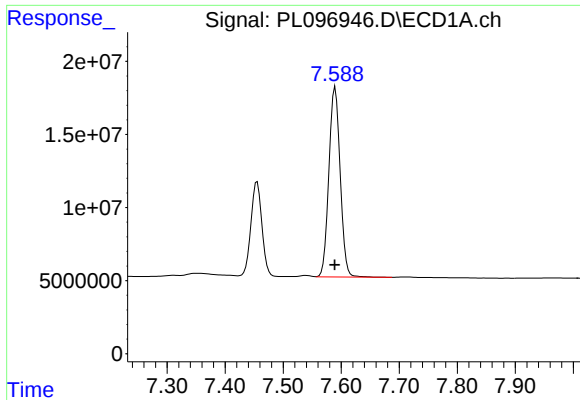
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 84408210
Conc: 48.64 ng/ml



#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 167412484
Conc: 55.81 ng/ml



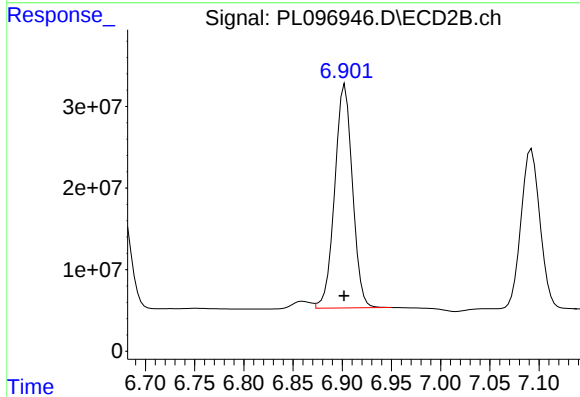
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 175108562
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

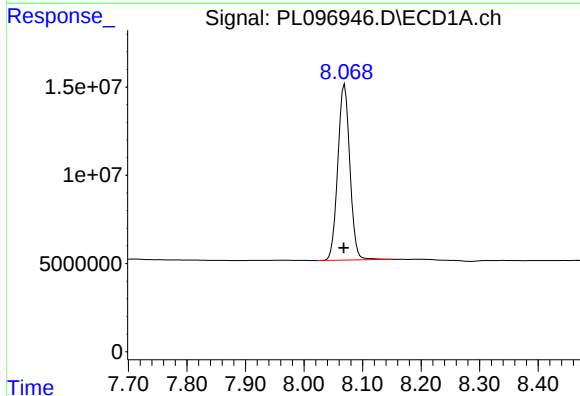
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



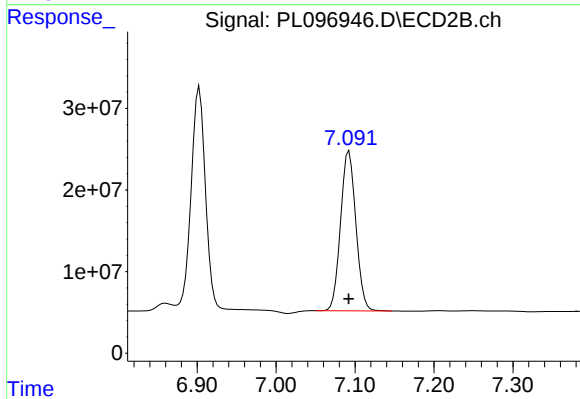
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 344335112
Conc: 55.01 ng/ml



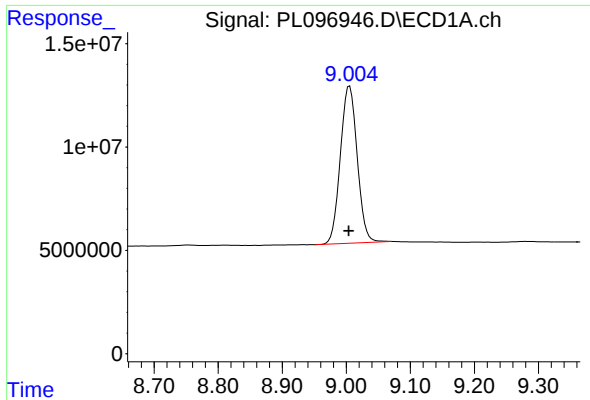
#22 Mirex

R.T.: 8.069 min
Delta R.T.: 0.002 min
Response: 142903235
Conc: 47.76 ng/ml



#22 Mirex

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 263317033
Conc: 54.22 ng/ml



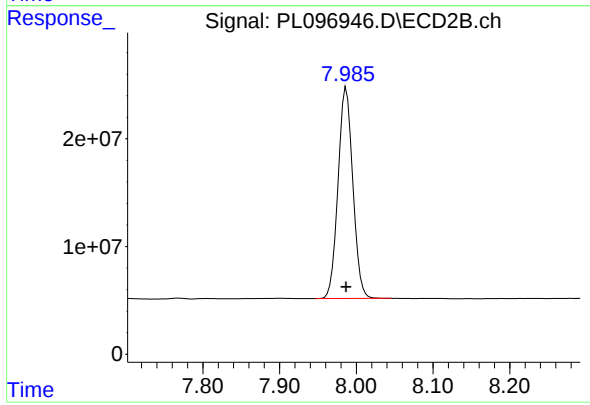
#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.001 min
Response: 138698937
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 262297560
Conc: 54.69 ng/ml