

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 17:02
 Operator : AR\AJ
 Sample : Q2641-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-CONCRETE001-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/25/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:32:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.828	76390600	125.7E6	20.935	21.783
28) SA Decachlor...	9.017	7.993	59074999	95176800	21.000	19.087
Target Compounds						
2) A alpha-BHC	3.983	3.333	285.8E6	487.8E6	55.578	57.839
3) MA gamma-BHC...	4.309	3.665	278.8E6	451.7E6	55.985m	57.351
4) MA Heptachlor	4.903	4.014	249.8E6	418.9E6	54.528	55.068
5) MB Aldrin	5.243	4.296	258.4E6	409.6E6	53.462	56.147
6) B beta-BHC	4.497	3.961	114.5E6	190.8E6	55.067	55.714
7) B delta-BHC	4.743	4.194	255.0E6	427.2E6	56.897	55.464
8) B Heptachlo...	5.663	4.798	242.0E6	379.7E6	58.321	56.802
9) A Endosulfan I	6.044	5.169	168.1E6	263.3E6	41.628	36.696
10) B gamma-Chl...	5.917	5.050	247.4E6	402.6E6	55.911	57.354
11) B alpha-Chl...	5.997	5.114	242.5E6	391.9E6	55.386	52.118
12) B 4,4'-DDE	6.166	5.303	207.2E6	375.4E6	55.899	58.072
13) MA Dieldrin	6.316	5.434	232.7E6	398.6E6	55.022	58.455
14) MA Endrin	6.543	5.708	167.5E6	322.3E6	53.860	52.874
15) B Endosulfa...	6.756	6.000	99724499	181.2E6	28.739	30.905
16) A 4,4'-DDD	6.676	5.854	176.3E6	366.9E6	60.558	71.531m
17) MA 4,4'-DDT	6.990	6.108	142.4E6	273.3E6	46.924	47.661
18) B Endrin al...	6.884	6.178	144.3E6	264.0E6	64.539	59.259
19) B Endosulfa...	7.118	6.402	161.7E6	323.2E6	52.858	57.466
20) A Methoxychlor	7.463	6.681	69738682	136.4E6	44.267	44.909
21) B Endrin ke...	7.598	6.906	173.2E6	339.8E6	52.449	54.349
22) Mirex	8.078	7.097	138.7E6	245.9E6	49.840	49.490

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:02
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

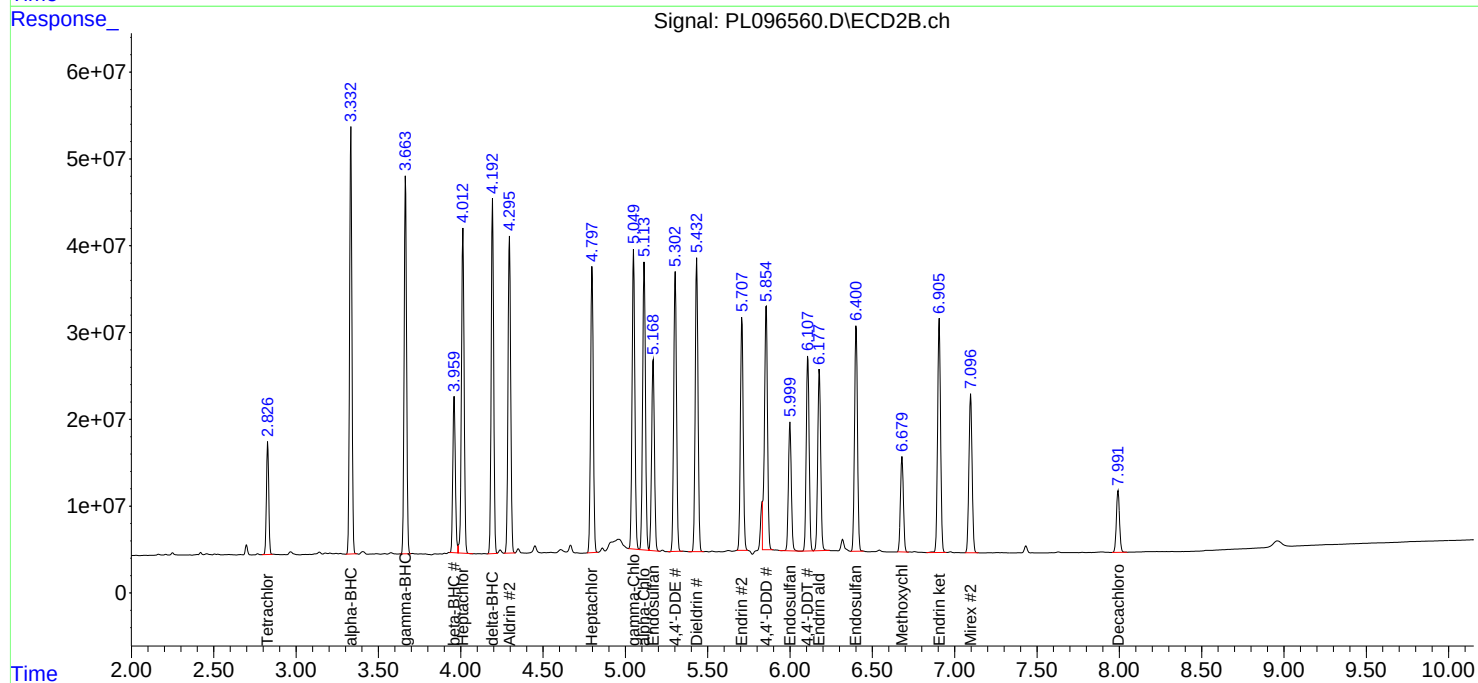
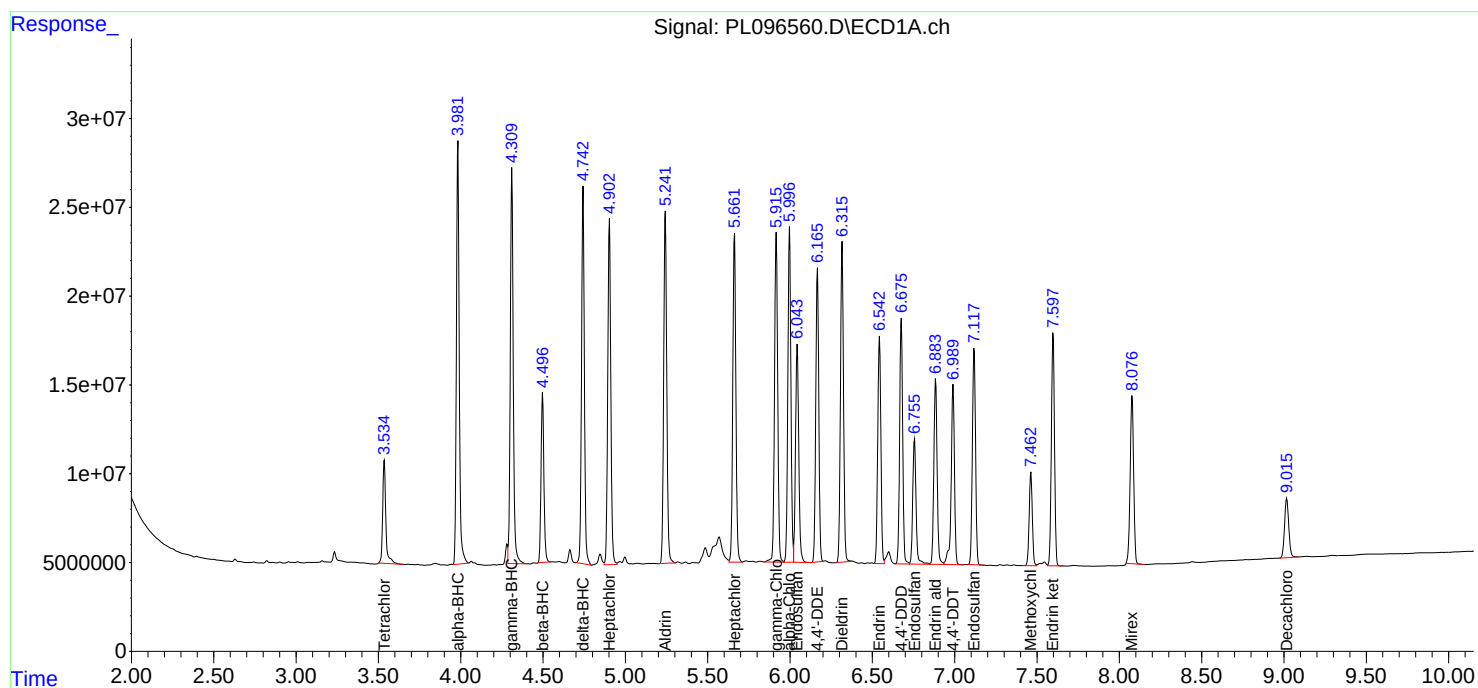
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

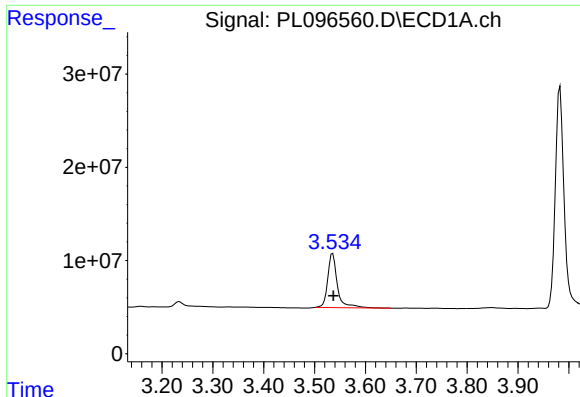
Manual Integrations
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Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





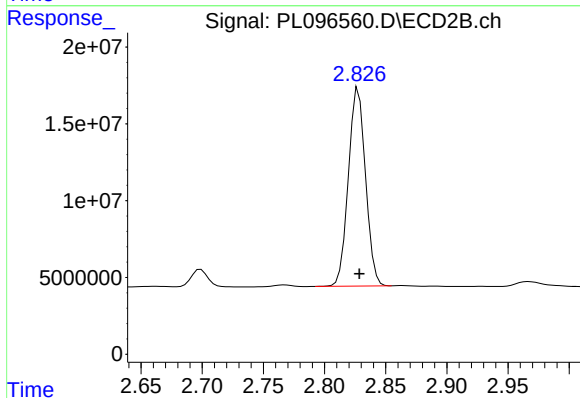
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 76390600
Conc: 20.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

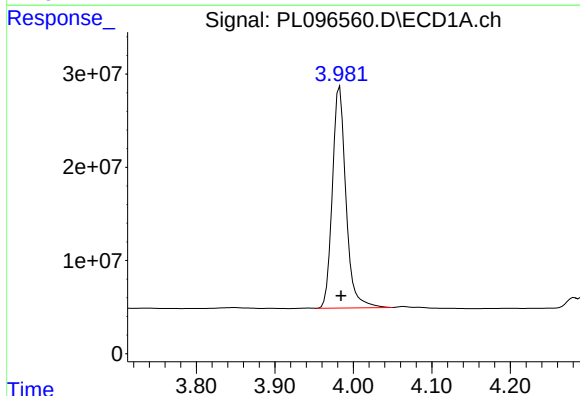
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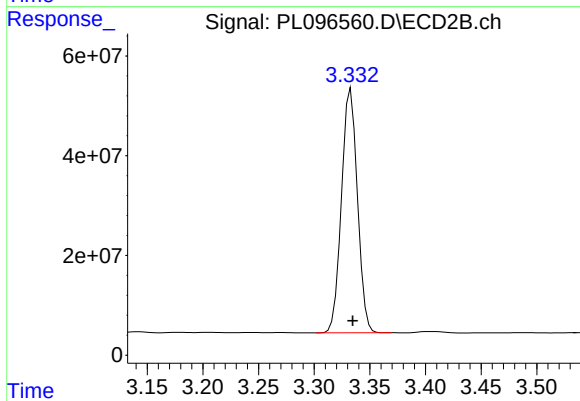
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 125712021
Conc: 21.78 ng/ml



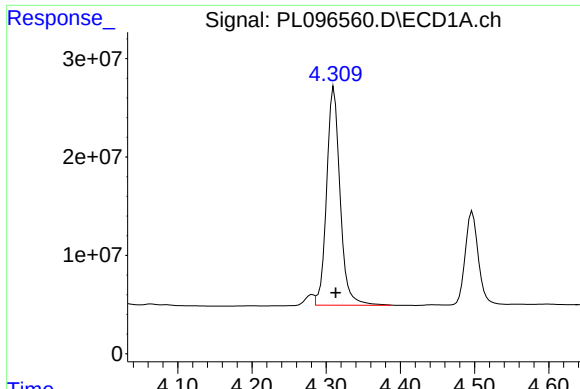
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.002 min
Response: 285844302
Conc: 55.58 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 487836474
Conc: 57.84 ng/ml



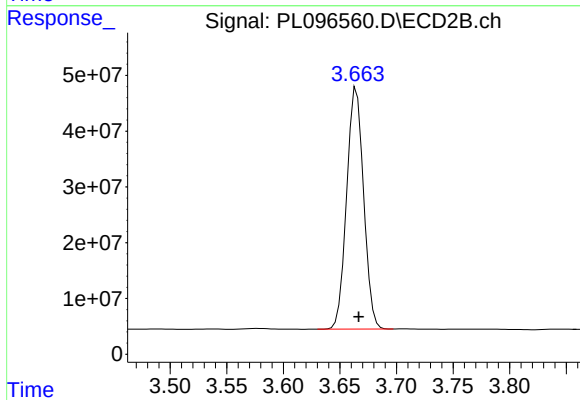
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: -0.004 min
Response: 278787138
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

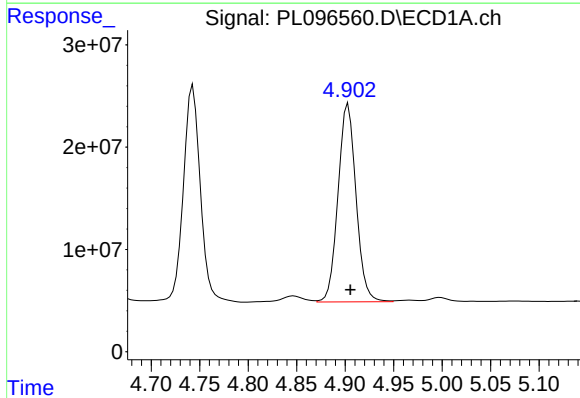
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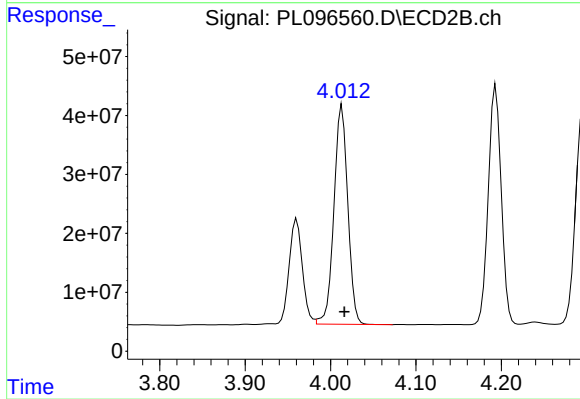
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 451689964
Conc: 57.35 ng/ml



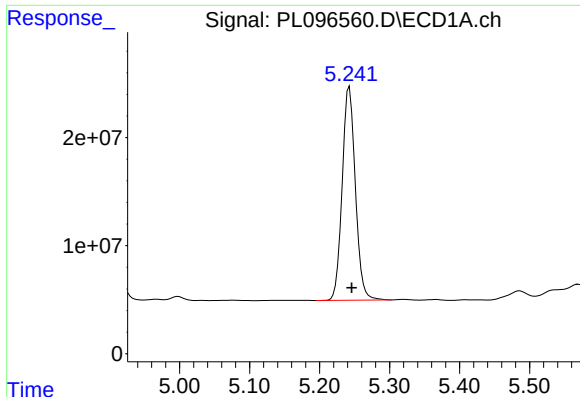
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 249803614
Conc: 54.53 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 418942340
Conc: 55.07 ng/ml



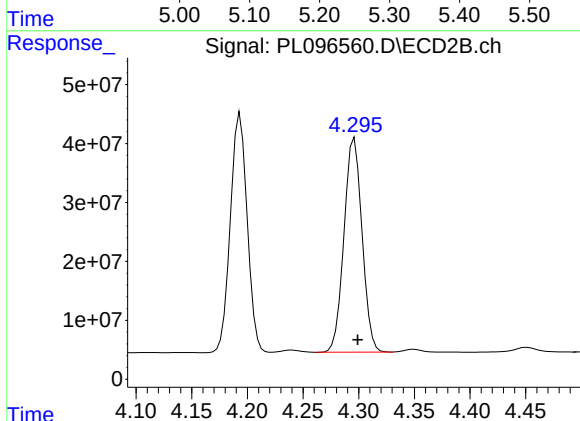
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 258420779
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

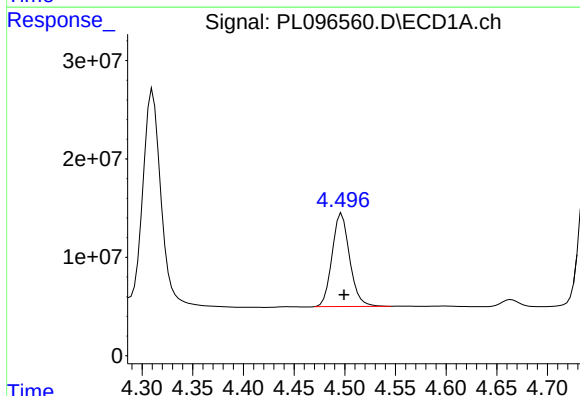
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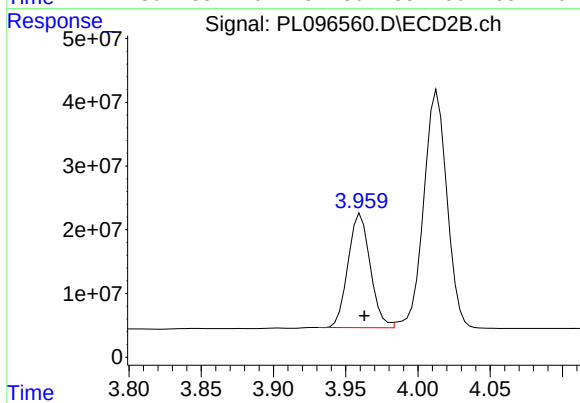
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 409628593
Conc: 56.15 ng/ml



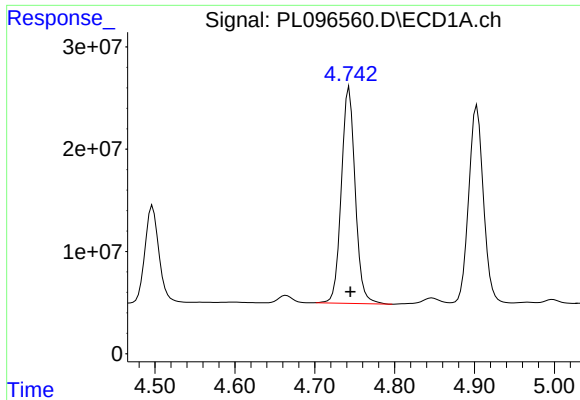
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 114473789
Conc: 55.07 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 190759406
Conc: 55.71 ng/ml



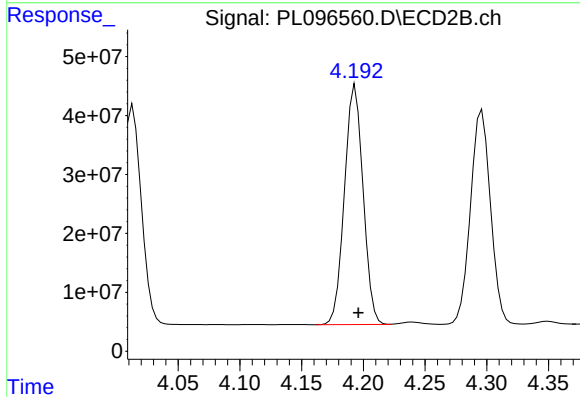
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 254974052
Conc: 56.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

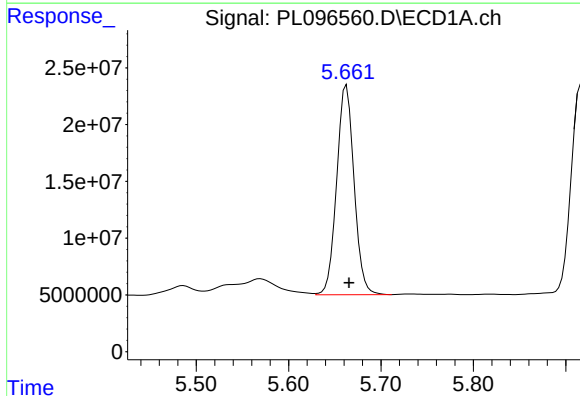
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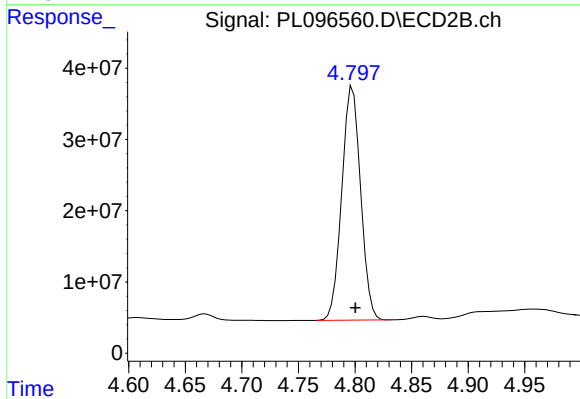
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 427181754
Conc: 55.46 ng/ml



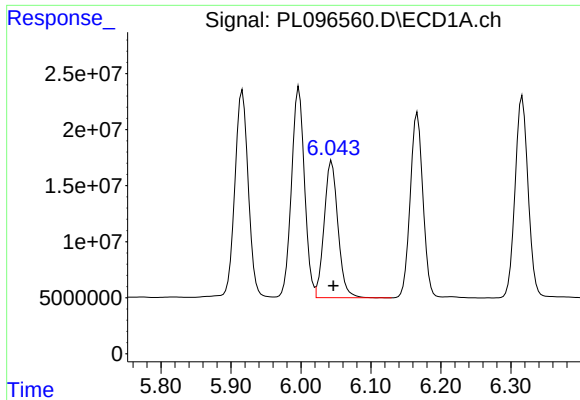
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 241982250
Conc: 58.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 379717204
Conc: 56.80 ng/ml



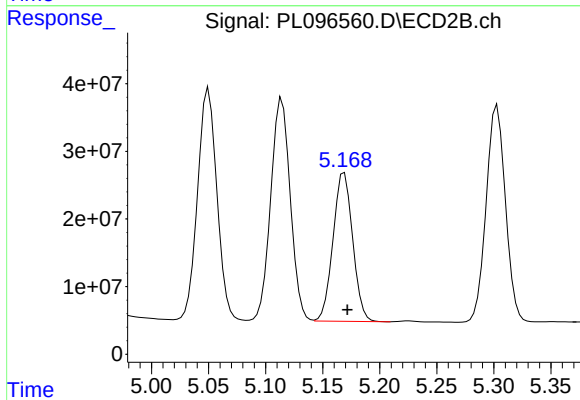
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 168063417
Conc: 41.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

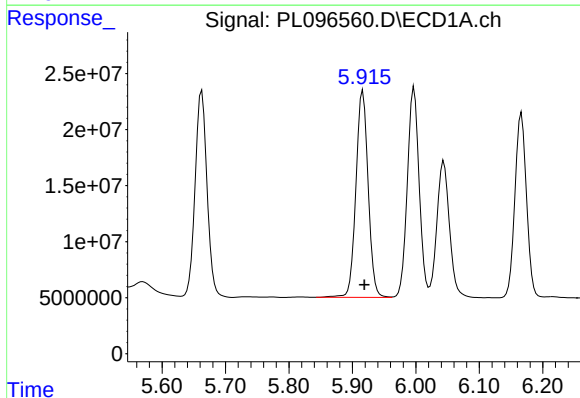
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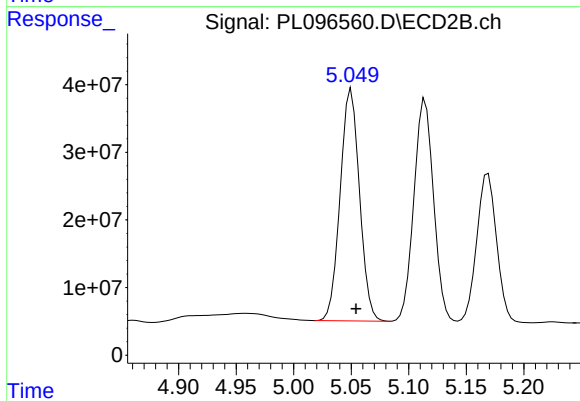
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 263265620
Conc: 36.70 ng/ml



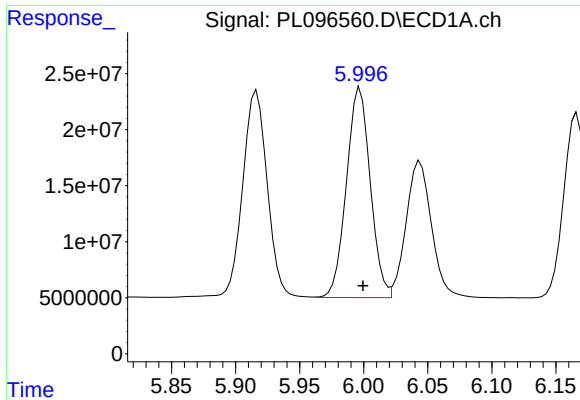
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 247394126
Conc: 55.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 402609614
Conc: 57.35 ng/ml



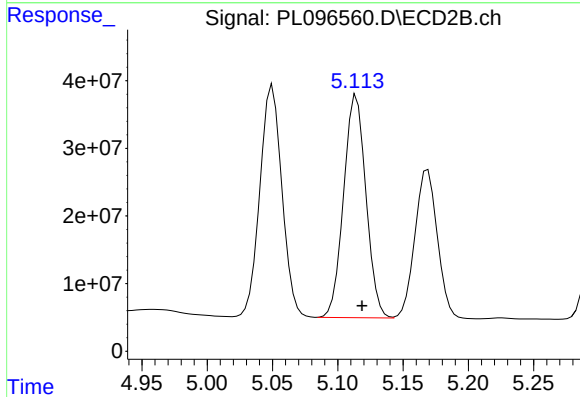
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 242525172
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

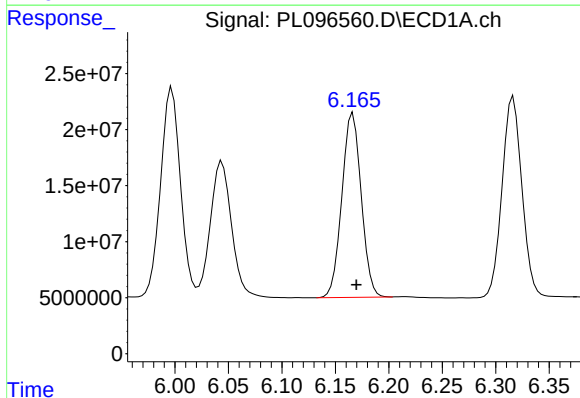
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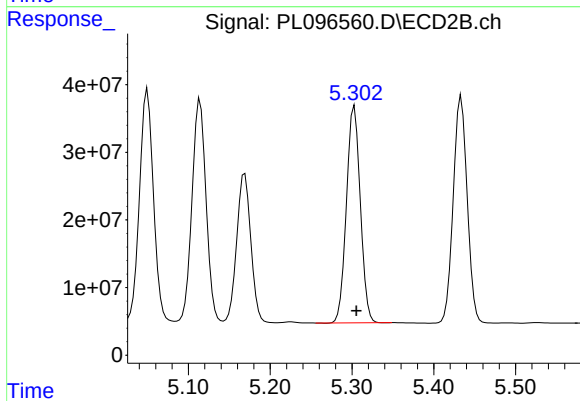
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 391943036
Conc: 52.12 ng/ml



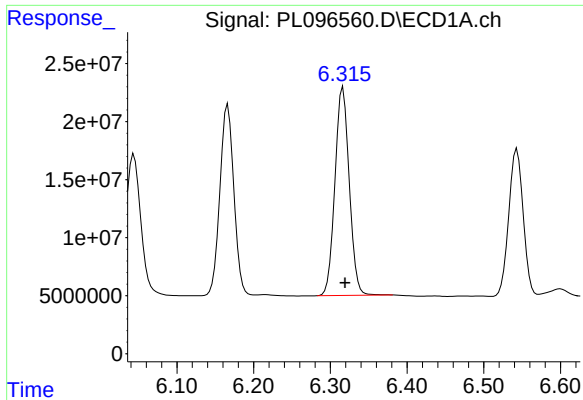
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 207243468
Conc: 55.90 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 375358022
Conc: 58.07 ng/ml



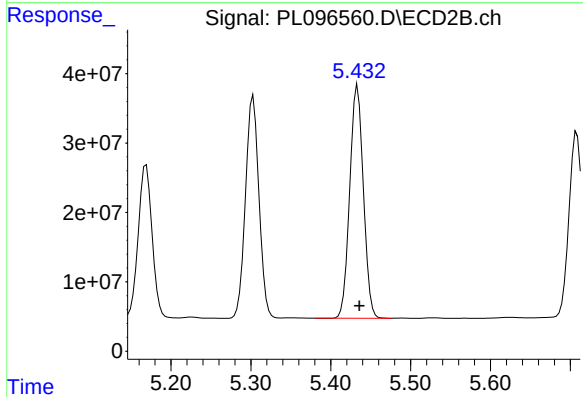
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 232655853
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

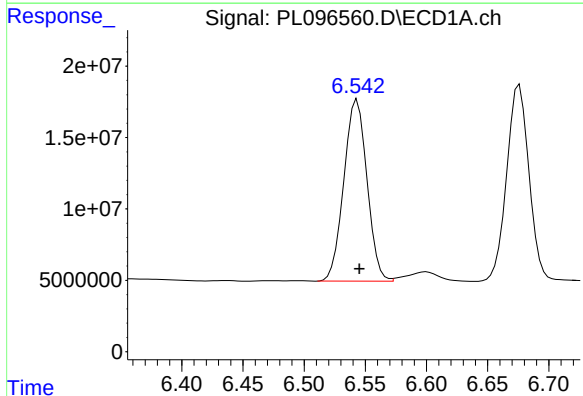
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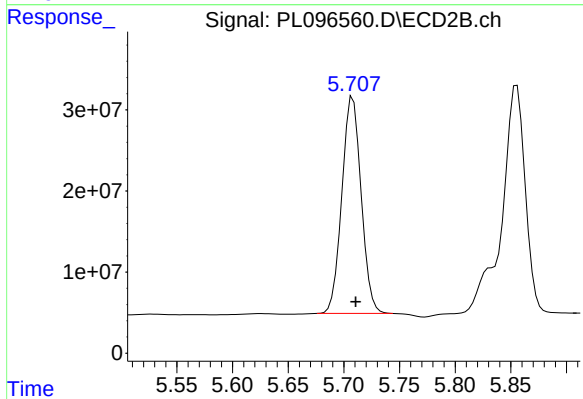
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 398617589
Conc: 58.45 ng/ml



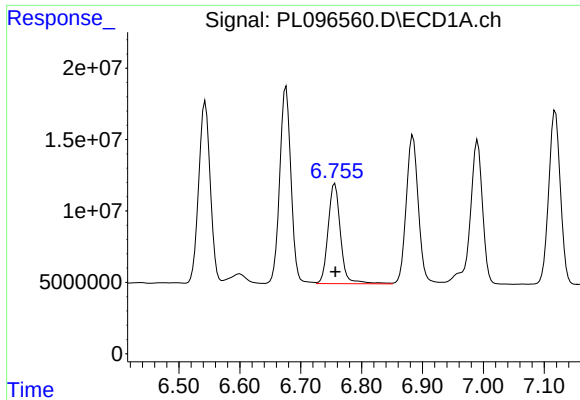
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 167514620
Conc: 53.86 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 322349373
Conc: 52.87 ng/ml



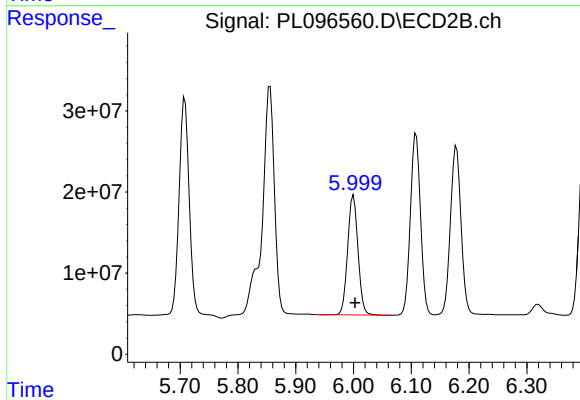
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 99724499
Conc: 28.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

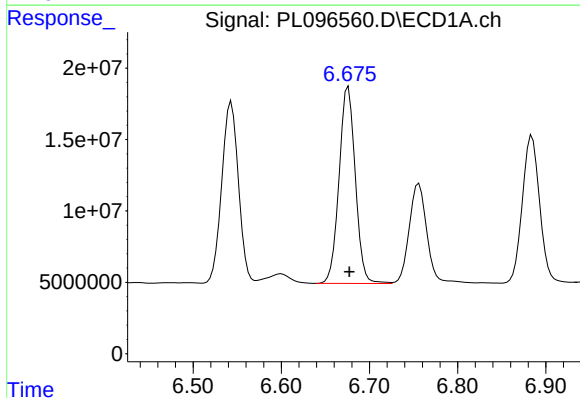
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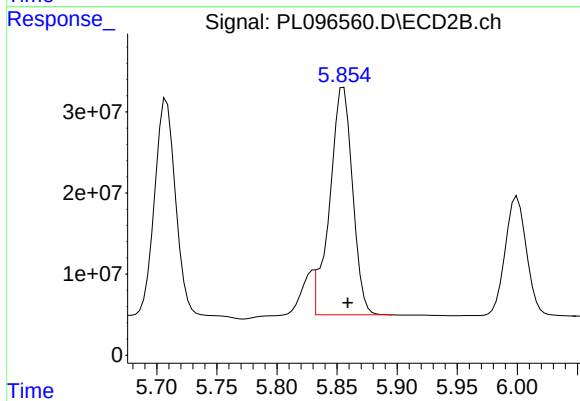
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 181223445
Conc: 30.90 ng/ml



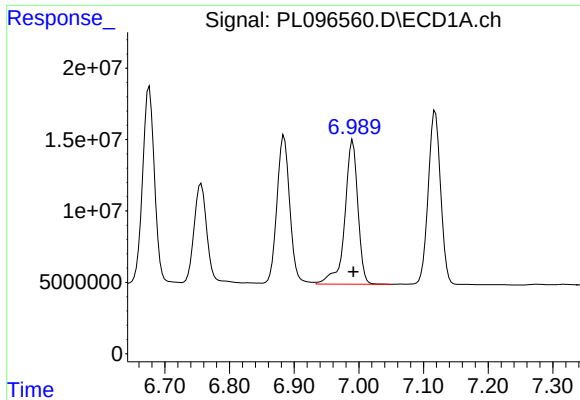
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 176326211
Conc: 60.56 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 366861508
Conc: 71.53 ng/ml m



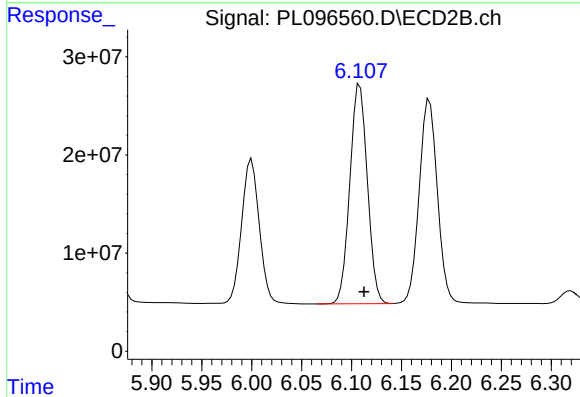
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 142424874
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

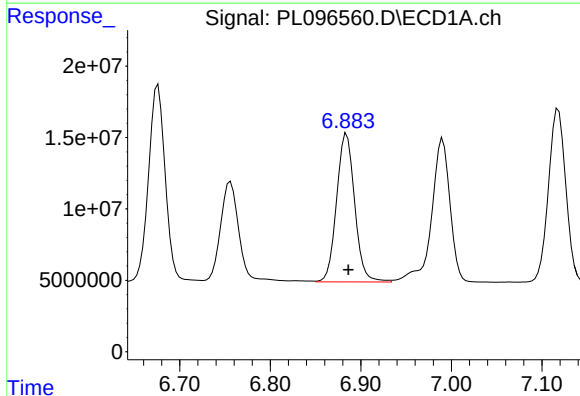
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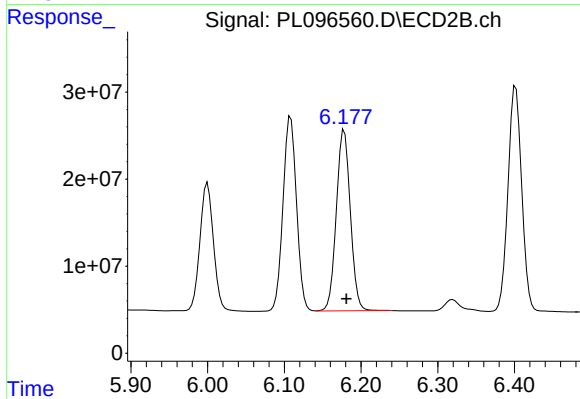
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 273344445
Conc: 47.66 ng/ml



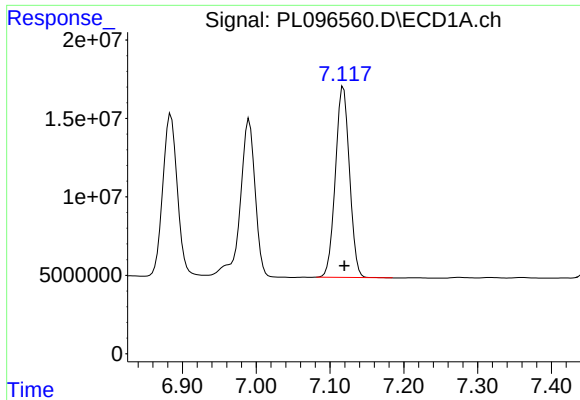
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 144280084
Conc: 64.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 263976076
Conc: 59.26 ng/ml



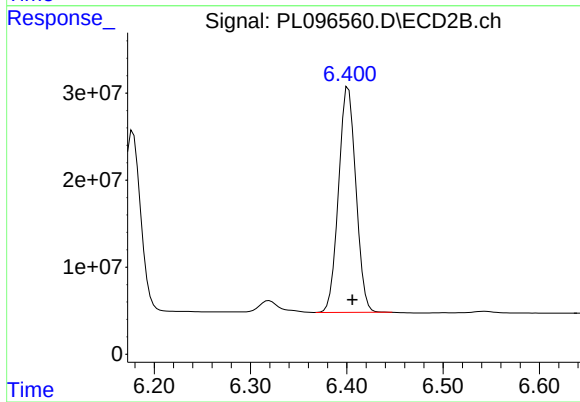
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 161683593
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

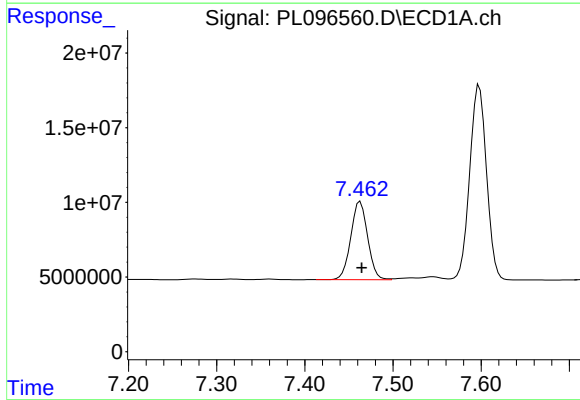
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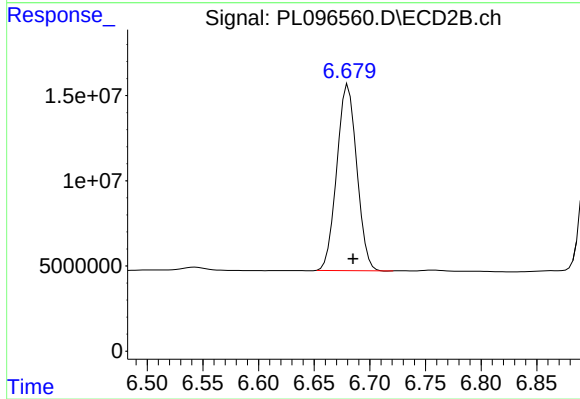
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 323210862
Conc: 57.47 ng/ml



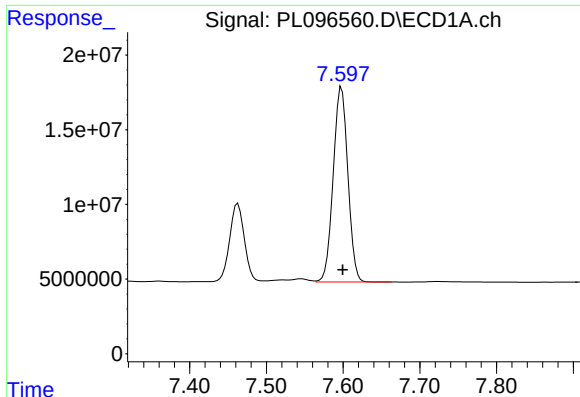
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 69738682
Conc: 44.27 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 136423891
Conc: 44.91 ng/ml



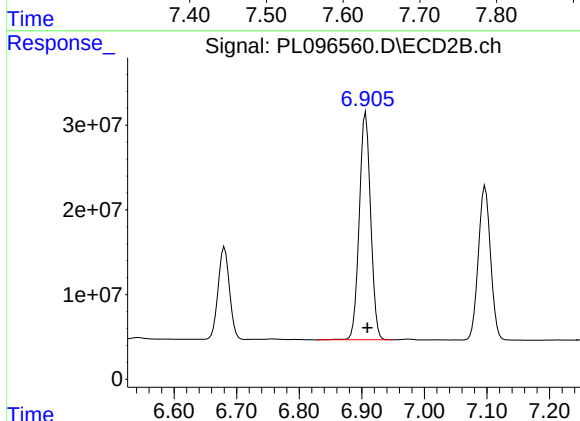
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 173165727
Conc: 52.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

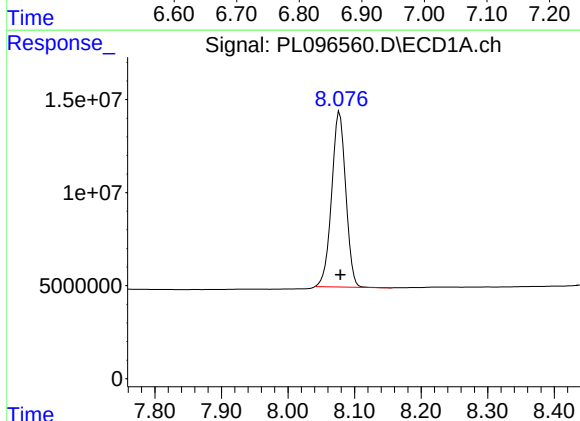
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



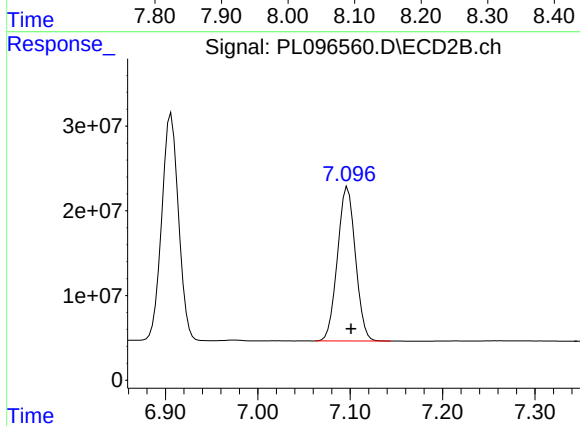
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 339801673
Conc: 54.35 ng/ml



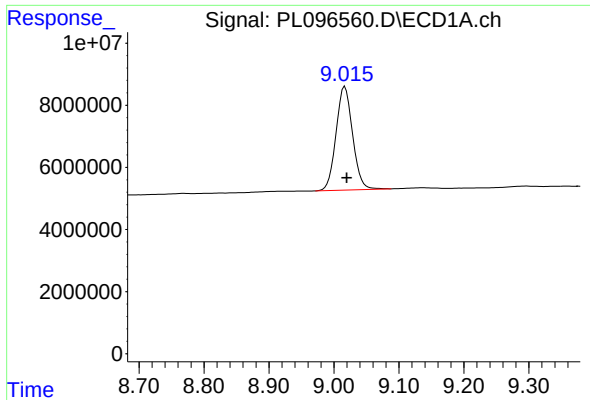
#22 Mirex

R.T.: 8.078 min
Delta R.T.: -0.001 min
Response: 138666056
Conc: 49.84 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 245875202
Conc: 49.49 ng/ml



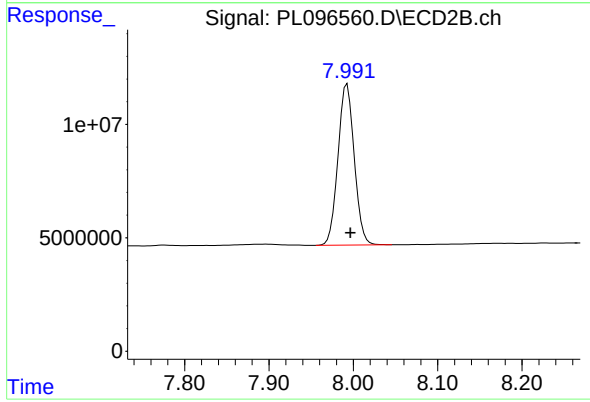
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 59074999
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 95176800
Conc: 19.09 ng/ml