

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100925\
 Data File : PL097585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 12:31
 Operator : AR\AJ
 Sample : PB170037BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170037BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 06:58:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.525	2.823	79926875	116.0E6	19.606	19.055
28)	SA Decachlor...	8.995	7.979	54614489	67733383	18.366	13.053 #
Target Compounds							
2)	A alpha-BHC	3.971	3.328	272.0E6	457.0E6	40.319	46.317
3)	MA gamma-BHC...	4.299	3.659	250.9E6	412.8E6	39.477	44.931
4)	MA Heptachlor	4.889	4.006	249.8E6	380.7E6	38.729	41.416
5)	MB Aldrin	5.228	4.288	232.2E6	363.5E6	38.617	41.919
6)	B beta-BHC	4.486	3.955	106.1E6	164.5E6	41.027	41.341
7)	B delta-BHC	4.731	4.187	241.8E6	383.7E6	39.819	42.471
8)	B Heptachlo...	5.646	4.790	209.7E6	306.3E6	36.013m	38.788
9)	A Endosulfan I	6.029	5.160	172.2E6	258.9E6	34.635	35.105
10)	B gamma-Chl...	5.900	5.041	193.0E6	325.0E6	35.563m	37.381
11)	B alpha-Chl...	5.979	5.105	180.4E6	313.7E6	33.243m	37.667
12)	B 4,4'-DDE	6.152	5.294	146.0E6	274.1E6	31.360	36.108
13)	MA Dieldrin	6.301	5.425	174.6E6	317.3E6	33.182	38.381
14)	MA Endrin	6.528	5.701	142.3E6	352.5E6	31.806	47.620 #
15)	B Endosulfa...	6.741	5.991	183.5E6	217.2E6	37.502	31.457
16)	A 4,4'-DDD	6.661	5.846	153.9E6	211.4E6	40.791	33.141
17)	MA 4,4'-DDT	6.975	6.098	122.2E6	187.8E6	30.144	28.182
18)	B Endrin al...	6.869	6.169	112.7E6	163.6E6	34.405	28.418
19)	B Endosulfa...	7.103	6.392	133.9E6	195.4E6	33.404	29.341
20)	A Methoxychlor	7.446	6.670	71495866	96076792	34.225m	26.357
21)	B Endrin ke...	7.582	6.894	149.1E6	362.3E6	34.834	45.863m#
22)	Mirex	8.060	7.085	107.5E6	145.8E6	34.607	27.255

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100925\
Data File : PL097585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 12:31
Operator : AR\AJ
Sample : PB170037BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

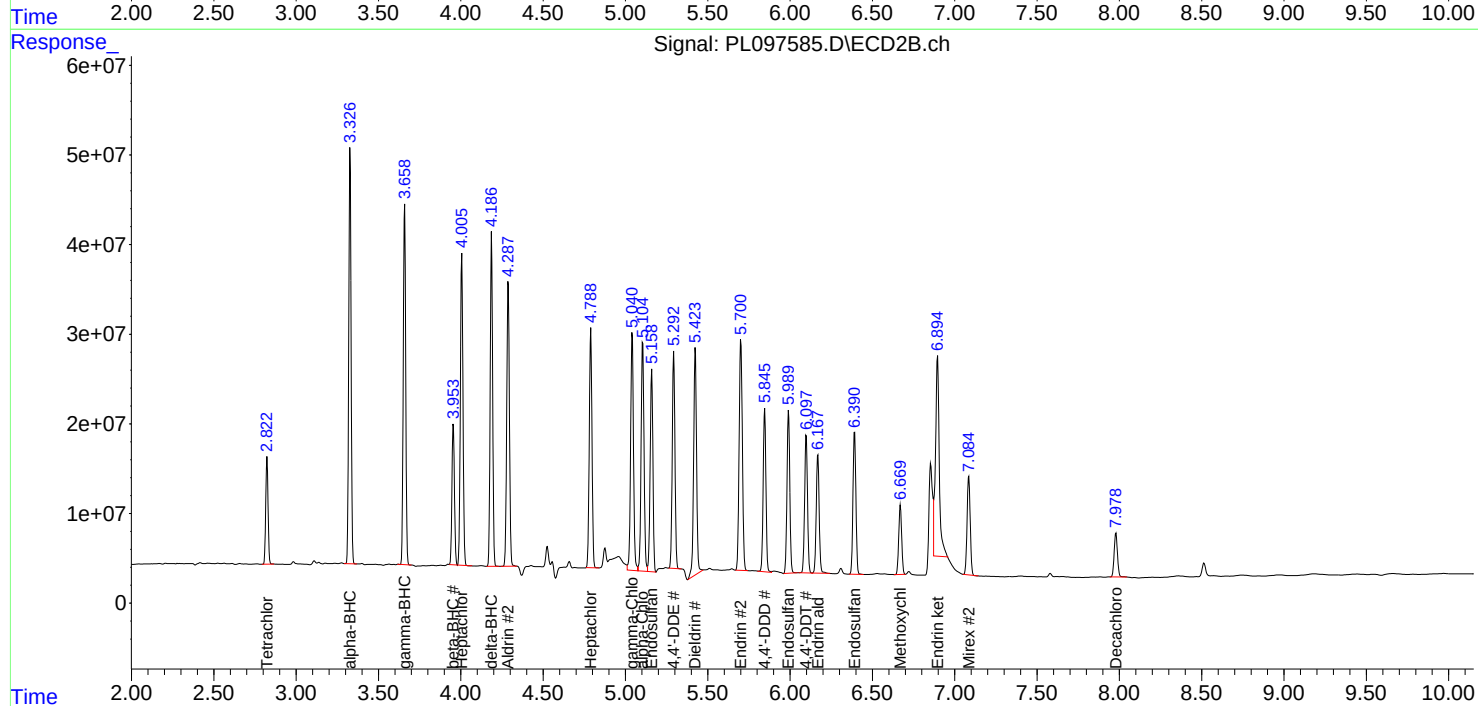
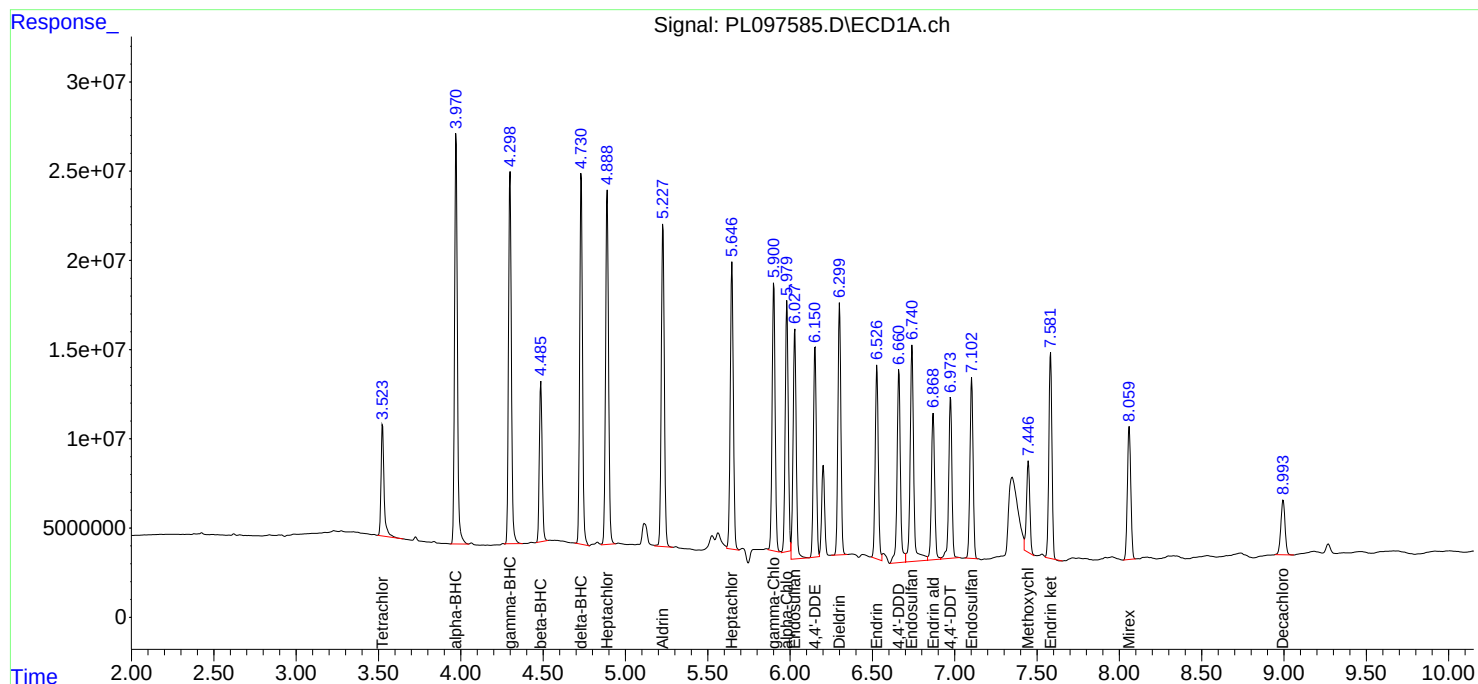
Instrument :
ECD_L
ClientSampleId :
PB170037BS

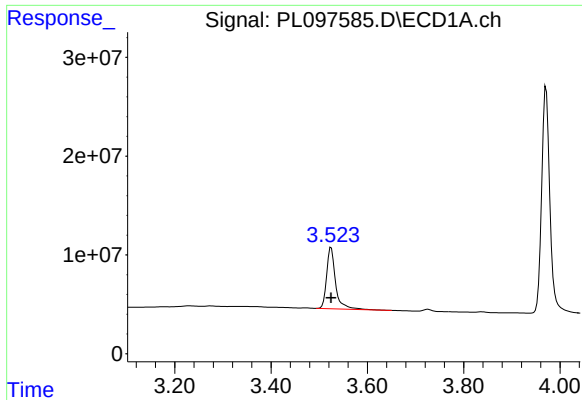
Manual Integrations
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Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:58:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 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





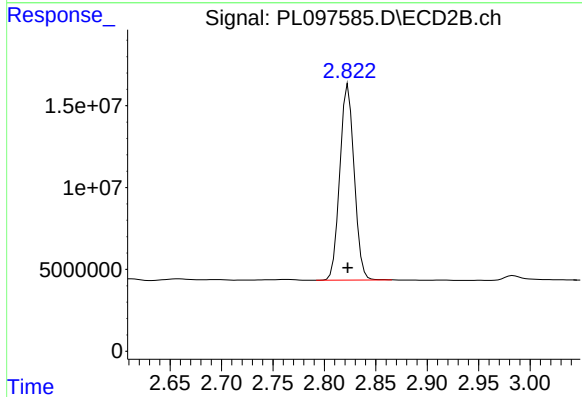
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 79926875
Conc: 19.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

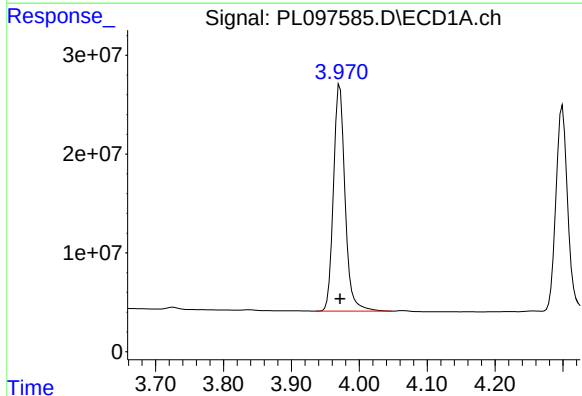
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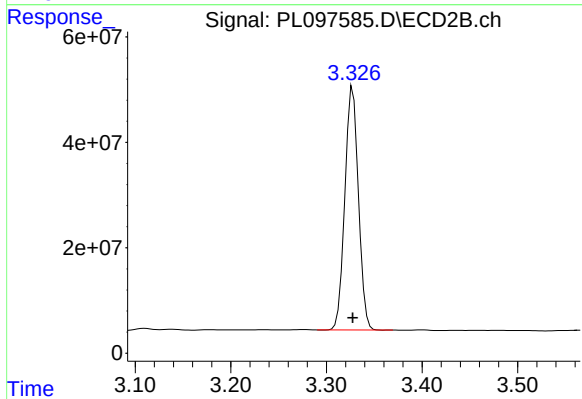
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 115979532
Conc: 19.06 ng/ml



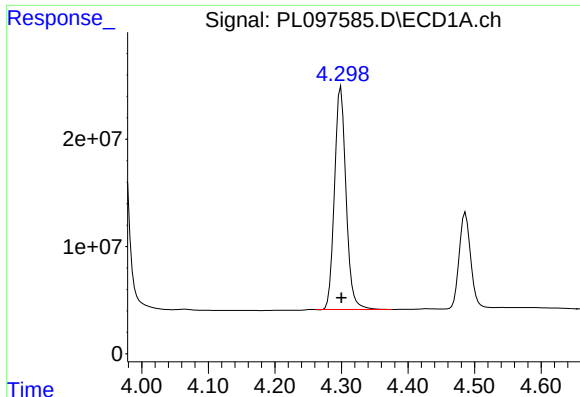
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 271978966
Conc: 40.32 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 457008922
Conc: 46.32 ng/ml



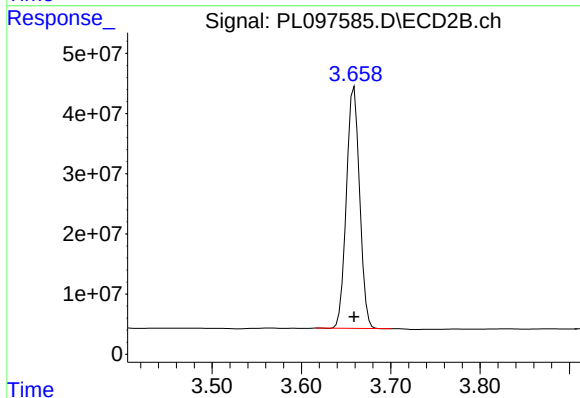
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 250929439
Conc: 39.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

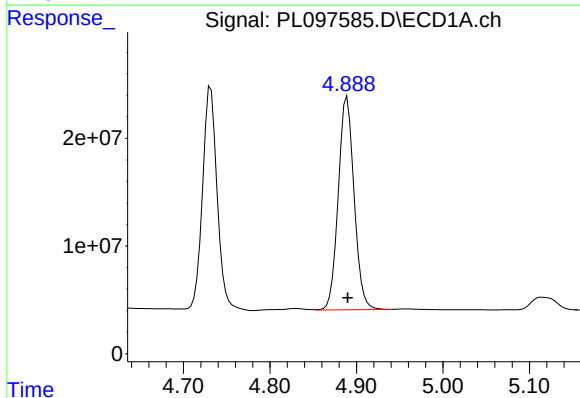
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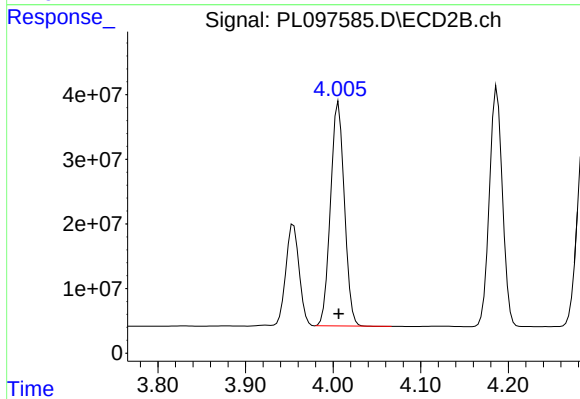
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 412794481
Conc: 44.93 ng/ml



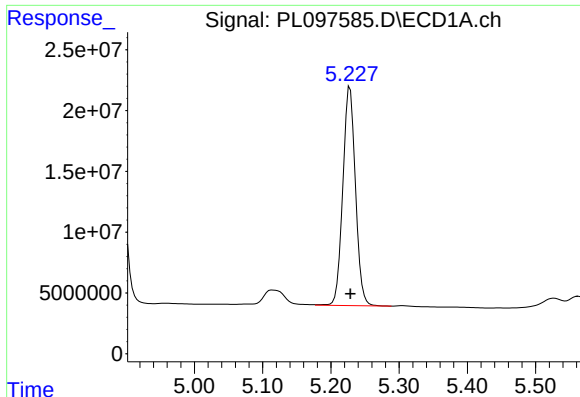
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 249828882
Conc: 38.73 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 380710350
Conc: 41.42 ng/ml



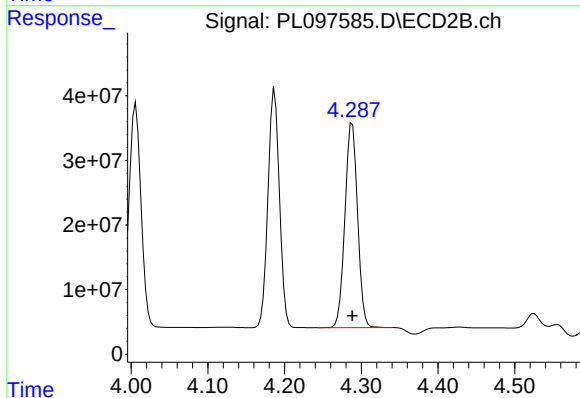
#5 Aldrin

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 232193326
Conc: 38.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

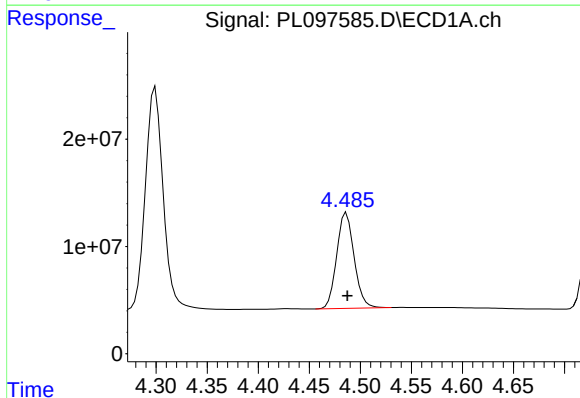
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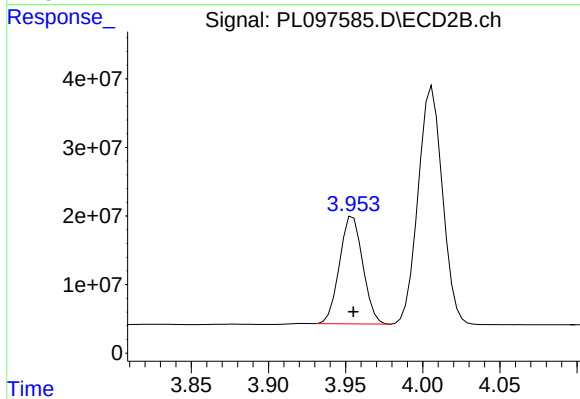
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 363510820
Conc: 41.92 ng/ml



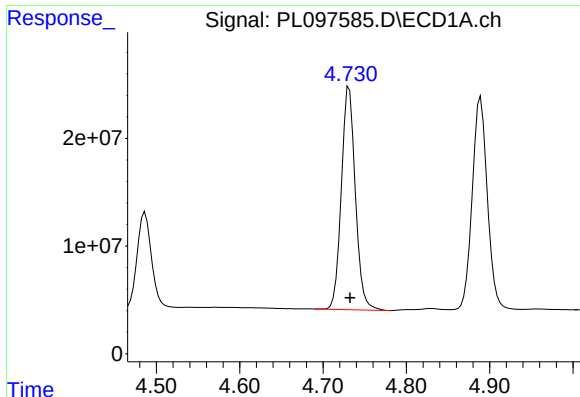
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 106075131
Conc: 41.03 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 164462482
Conc: 41.34 ng/ml



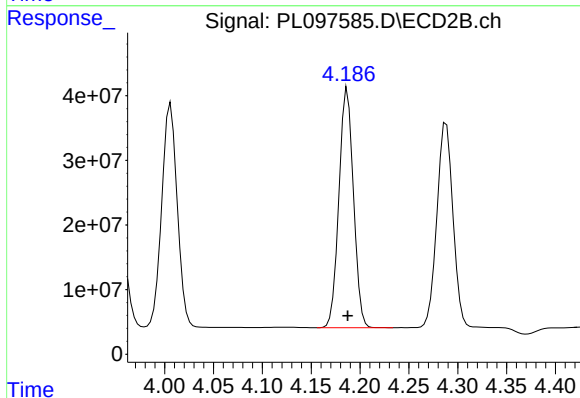
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 241805519
Conc: 39.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

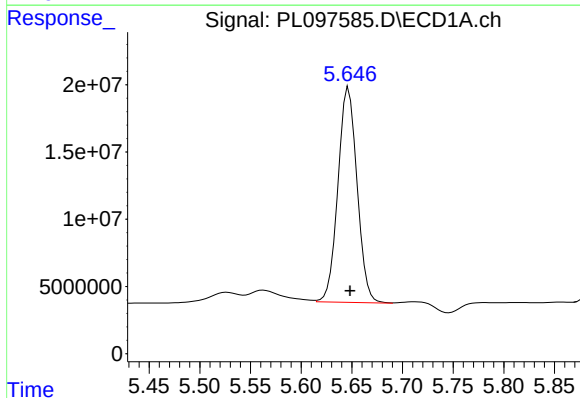
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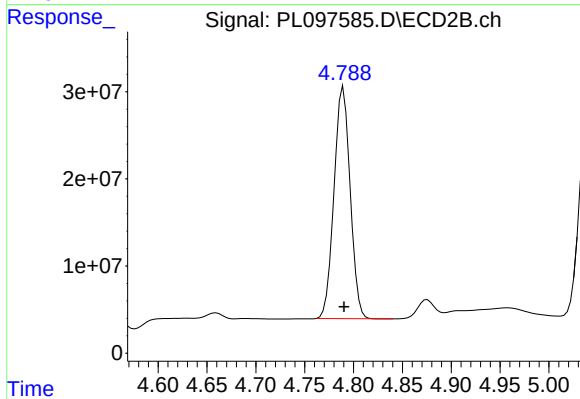
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 383678355
Conc: 42.47 ng/ml



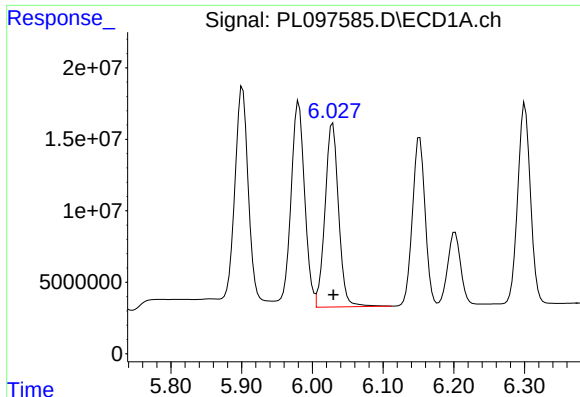
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 209676670
Conc: 36.01 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 306343021
Conc: 38.79 ng/ml



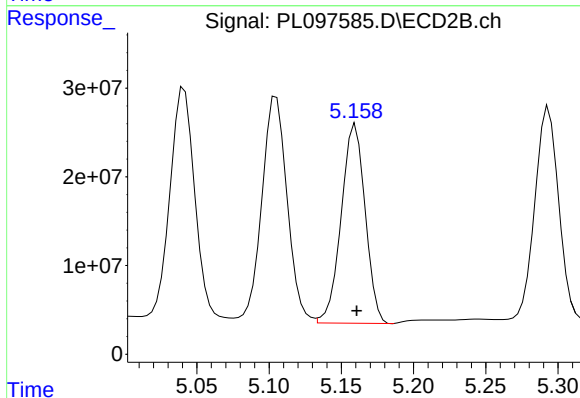
#9 Endosulfan I

R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 172187412
Conc: 34.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

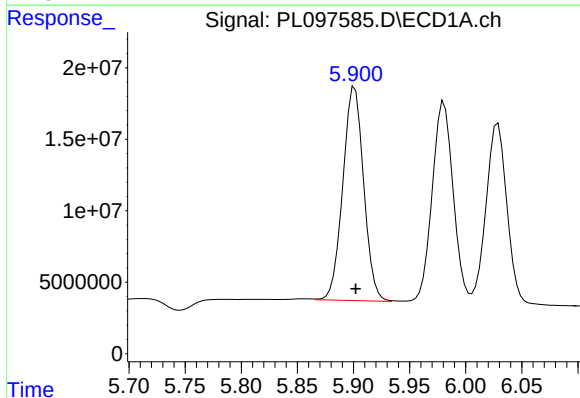
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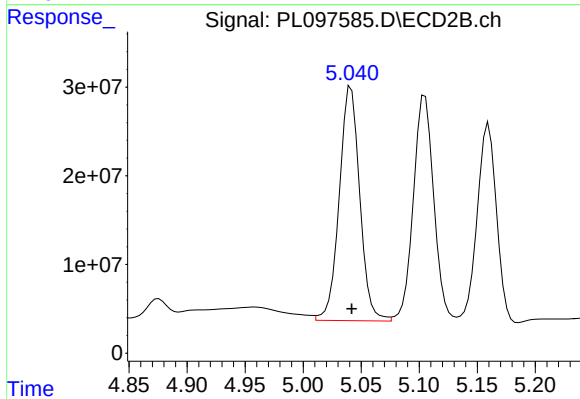
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 258875557
Conc: 35.10 ng/ml



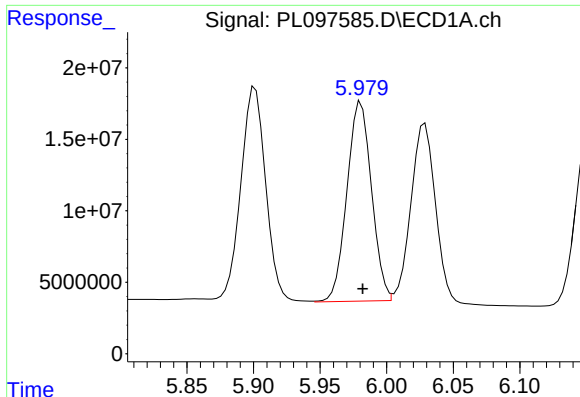
#10 gamma-Chlordane

R.T.: 5.900 min
Delta R.T.: -0.002 min
Response: 193012866
Conc: 35.56 ng/ml m



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 324957727
Conc: 37.38 ng/ml



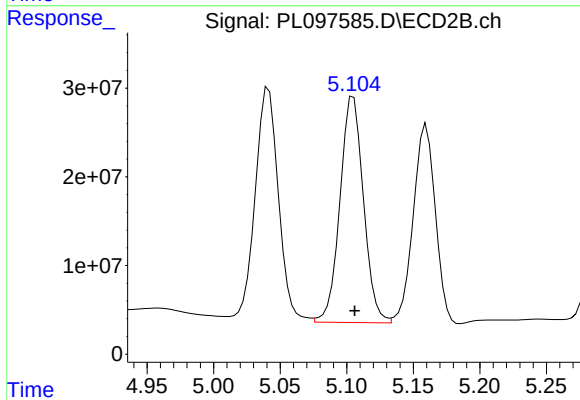
#11 alpha-Chlordane

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 180391561
Conc: 33.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

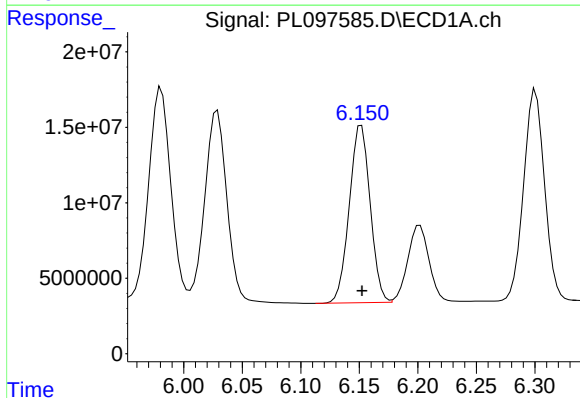
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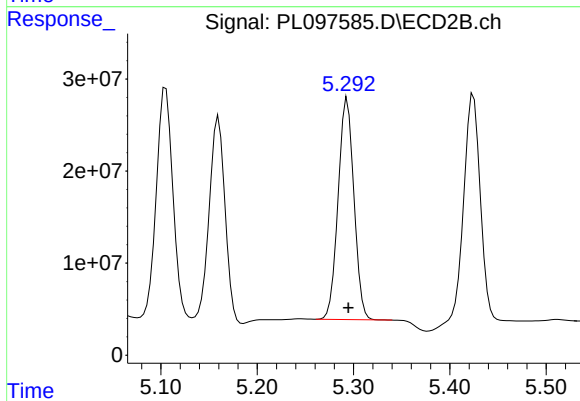
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.001 min
Response: 313661049
Conc: 37.67 ng/ml



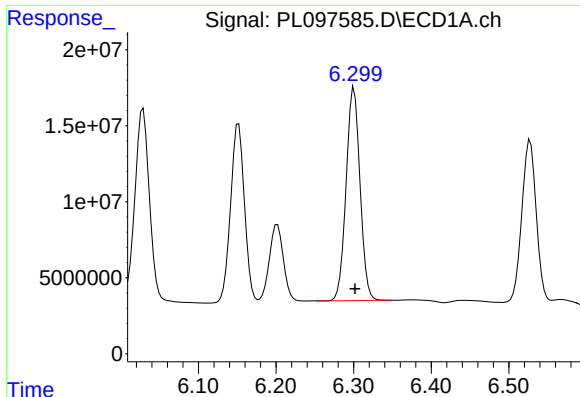
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 146048016
Conc: 31.36 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 274148495
Conc: 36.11 ng/ml



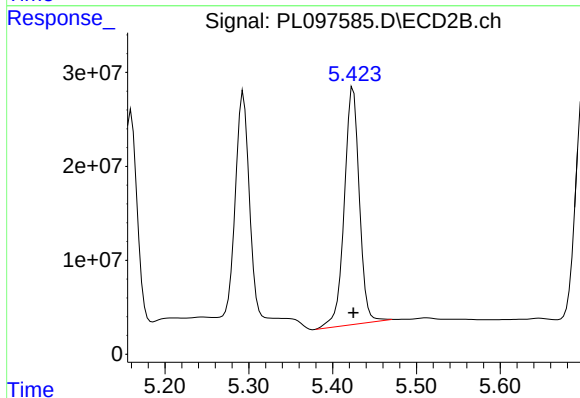
#13 Dieldrin

R.T.: 6.301 min
Delta R.T.: -0.001 min
Response: 174551914
Conc: 33.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

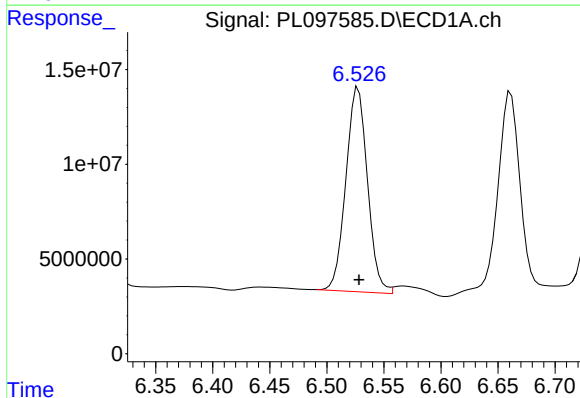
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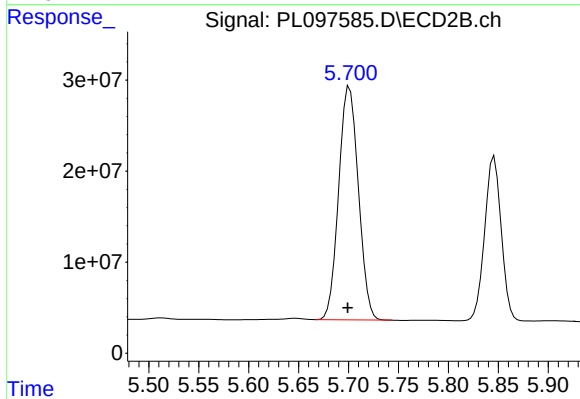
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 317344348
Conc: 38.38 ng/ml



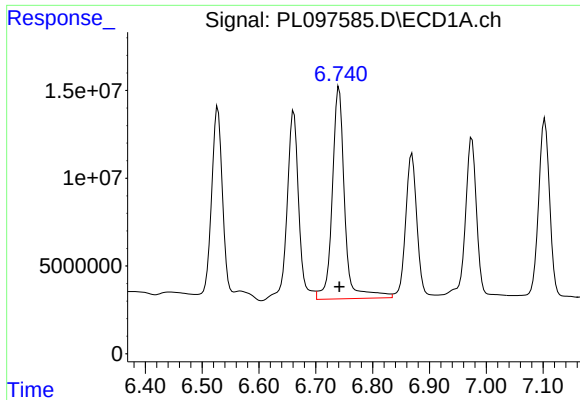
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 142311774
Conc: 31.81 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 352459327
Conc: 47.62 ng/ml



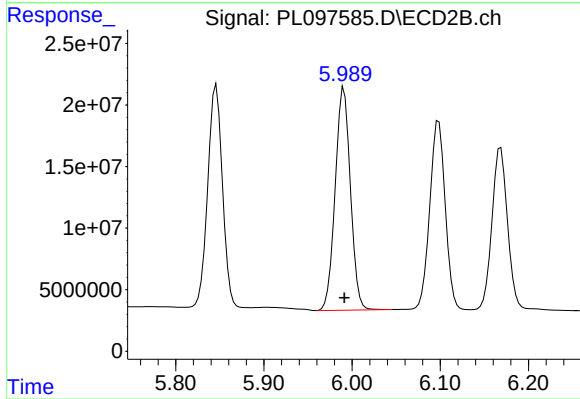
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 183462065
Conc: 37.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

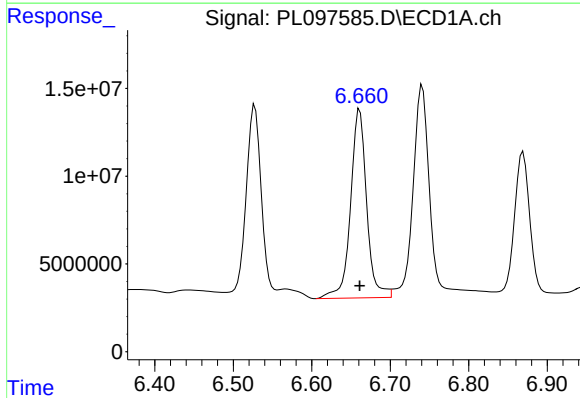
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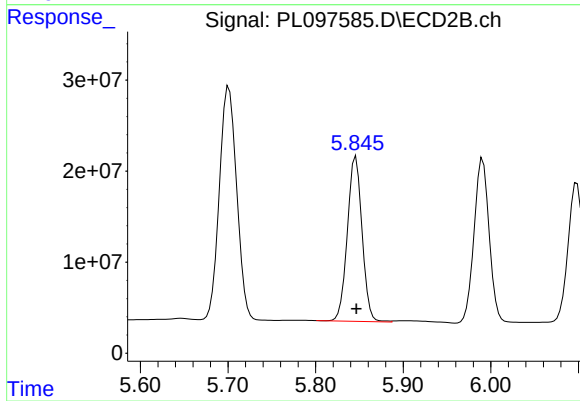
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 217210322
Conc: 31.46 ng/ml



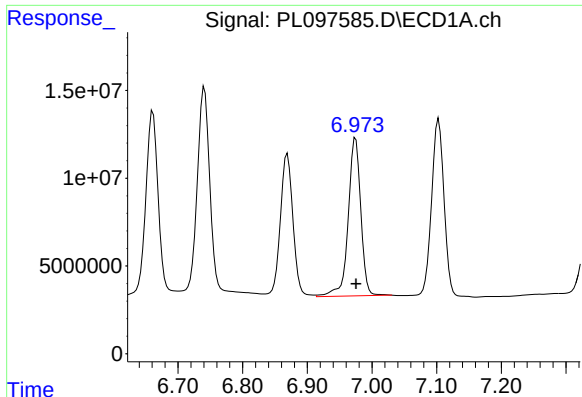
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 153923342
Conc: 40.79 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 211401172
Conc: 33.14 ng/ml



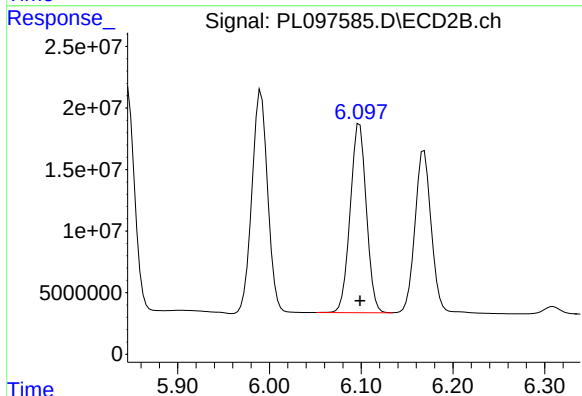
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 122225577
Conc: 30.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

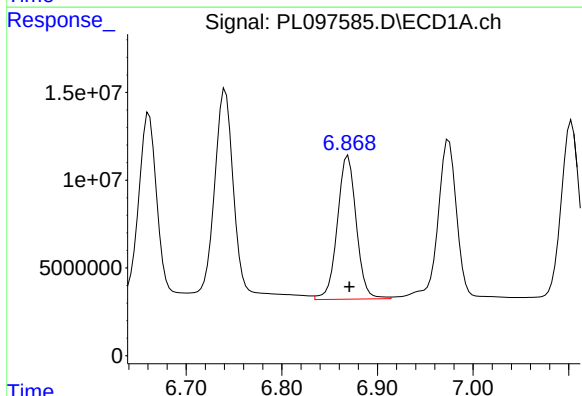
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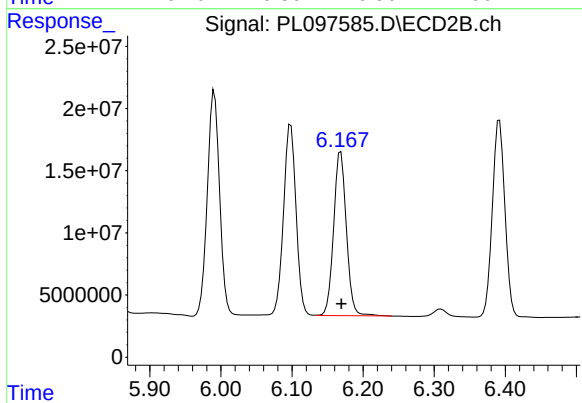
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 187790390
Conc: 28.18 ng/ml



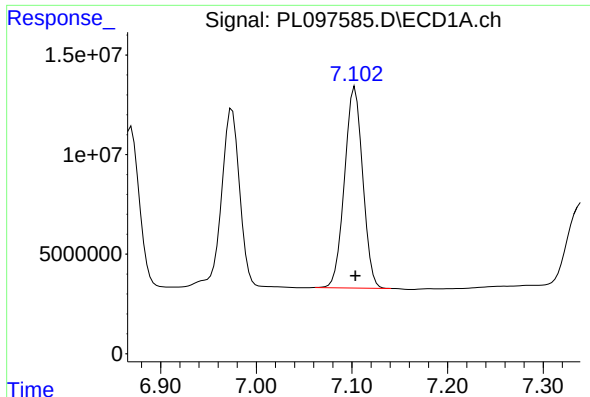
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 112735666
Conc: 34.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 163644659
Conc: 28.42 ng/ml



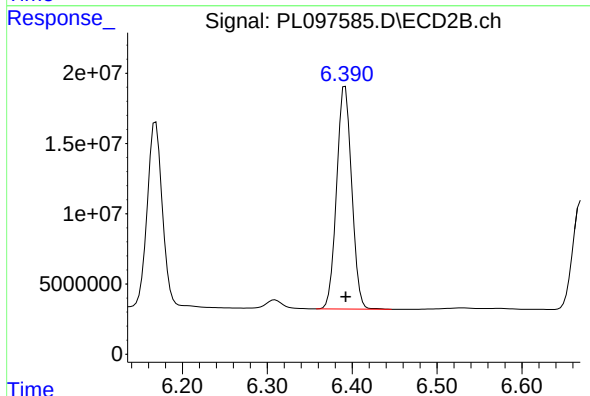
#19 Endosulfan Sulfate

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 133945127
Conc: 33.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

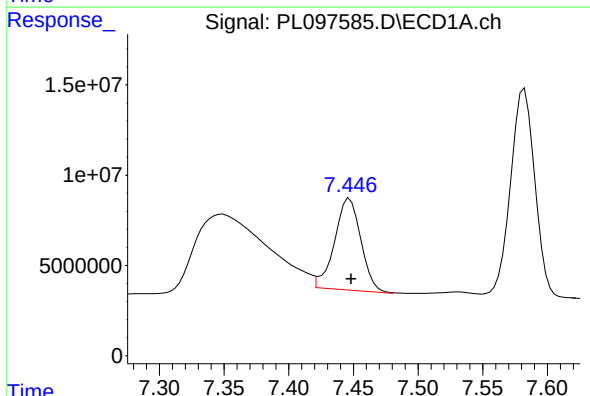
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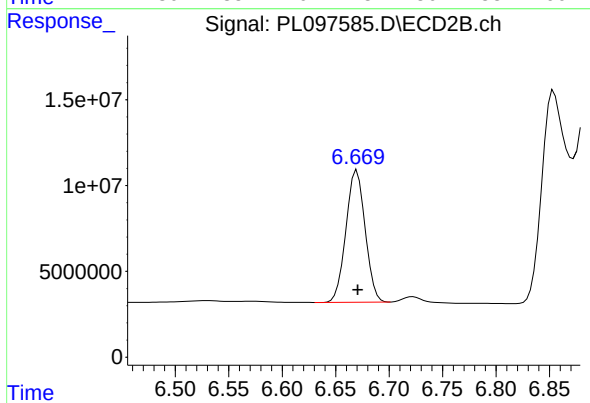
#19 Endosulfan Sulfate

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 195350738
Conc: 29.34 ng/ml



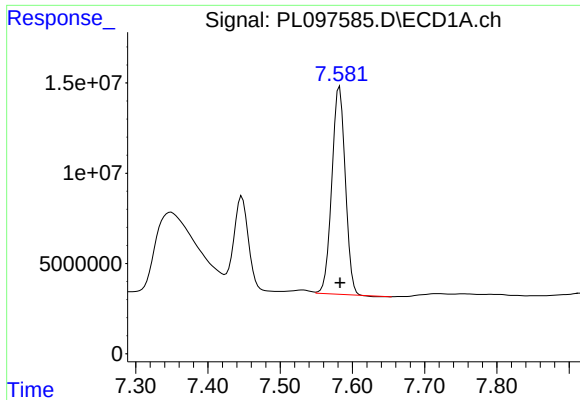
#20 Methoxychlor

R.T.: 7.446 min
Delta R.T.: -0.002 min
Response: 71495866
Conc: 34.22 ng/ml m



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 96076792
Conc: 26.36 ng/ml



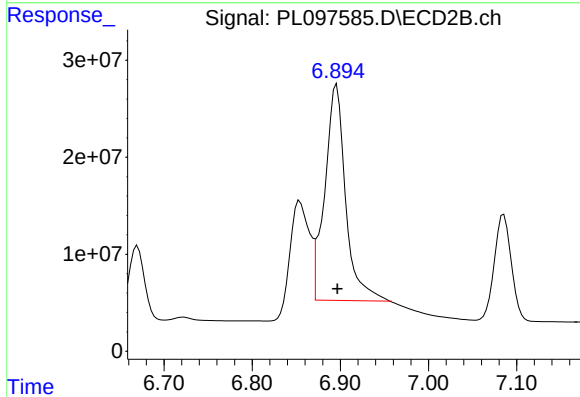
#21 Endrin ketone

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 149147768
Conc: 34.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

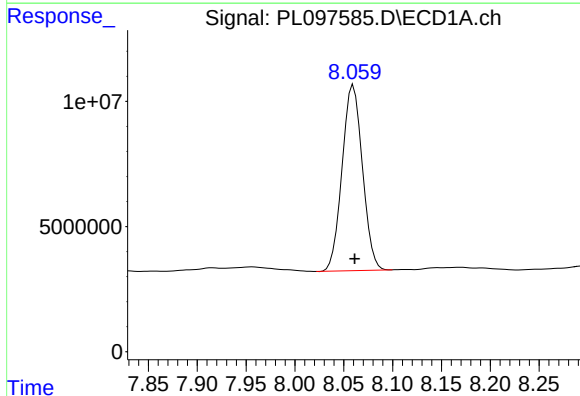
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Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



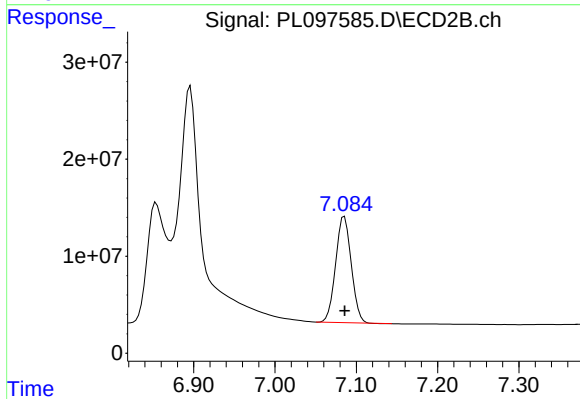
#21 Endrin ketone

R.T.: 6.894 min
Delta R.T.: -0.002 min
Response: 362310188
Conc: 45.86 ng/ml m



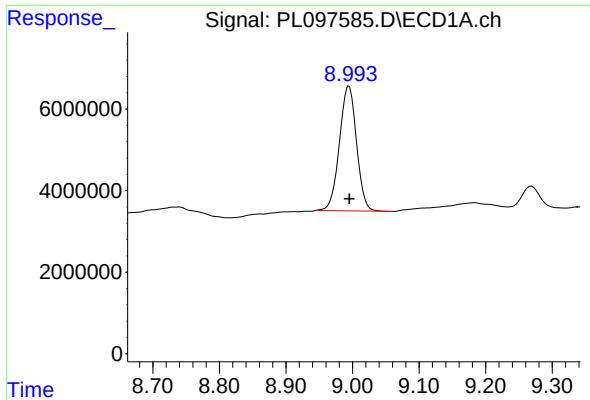
#22 Mirex

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 107539300
Conc: 34.61 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 145812045
Conc: 27.26 ng/ml



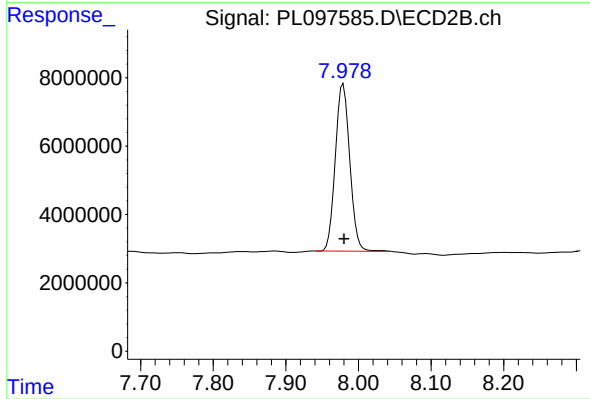
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 54614489
Conc: 18.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170037BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.001 min
Response: 67733383
Conc: 13.05 ng/ml