

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
 Data File : PL097546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2025 16:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 03:05:25 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...	3.524	2.821	199.1E6	309.5E6	48.838	50.858
28)	SA Decachlor...	8.998	7.981	153.8E6	262.0E6	51.737	50.499
Target Compounds							
2)	A alpha-BHC	3.972	3.326	331.6E6	509.2E6	49.159	51.608
3)	MA gamma-BHC...	4.299	3.657	313.4E6	469.9E6	49.313	51.150
4)	MA Heptachlor	4.890	4.005	315.8E6	469.0E6	48.949	51.021
5)	MB Aldrin	5.230	4.288	295.5E6	442.4E6	49.148	51.017
6)	B beta-BHC	4.487	3.954	126.5E6	197.2E6	48.932	49.565
7)	B delta-BHC	4.732	4.187	291.0E6	465.4E6	47.922	51.521
8)	B Heptachlo...	5.649	4.788	268.3E6	396.4E6	46.079	50.185m
9)	A Endosulfan I	6.031	5.161	244.3E6	361.0E6	49.140	48.955
10)	B gamma-Chl...	5.904	5.042	265.5E6	414.5E6	48.917	47.683
11)	B alpha-Chl...	5.984	5.106	264.2E6	405.5E6	48.692	48.697
12)	B 4,4'-DDE	6.154	5.295	229.0E6	386.1E6	49.169	50.850
13)	MA Dieldrin	6.303	5.425	262.9E6	417.4E6	49.973	50.483
14)	MA Endrin	6.530	5.700	221.9E6	367.9E6	49.597	49.706
15)	B Endosulfa...	6.743	5.991	235.4E6	347.5E6	48.117	50.319
16)	A 4,4'-DDD	6.662	5.847	194.6E6	327.8E6	51.561m	51.394
17)	MA 4,4'-DDT	6.977	6.099	201.4E6	351.5E6	49.676	52.755
18)	B Endrin al...	6.872	6.170	163.2E6	269.6E6	49.817	46.813
19)	B Endosulfa...	7.105	6.393	193.7E6	334.5E6	48.299	50.238
20)	A Methoxychlor	7.449	6.672	101.6E6	180.5E6	48.656m	49.521
21)	B Endrin ke...	7.585	6.897	210.7E6	396.4E6	49.206	50.183
22)	Mirex	8.063	7.086	148.8E6	262.7E6	47.895	49.103

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 16:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

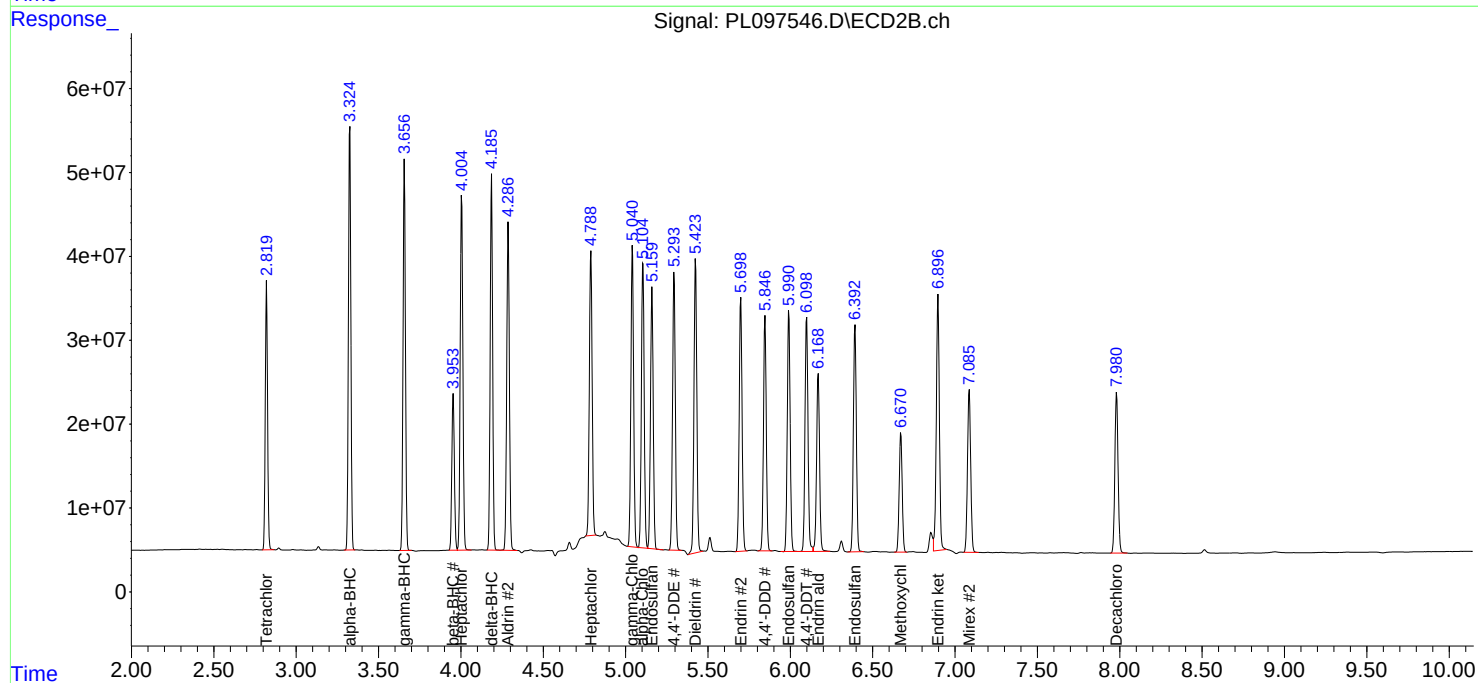
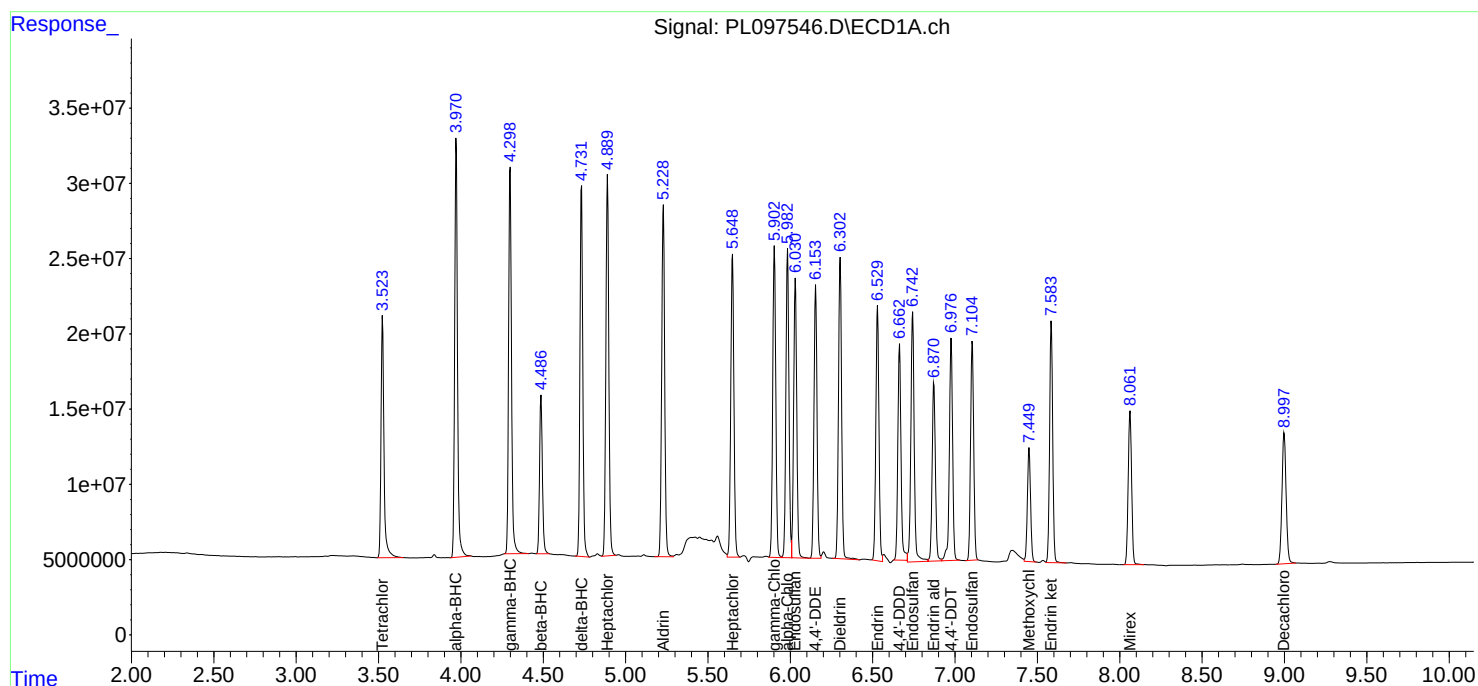
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

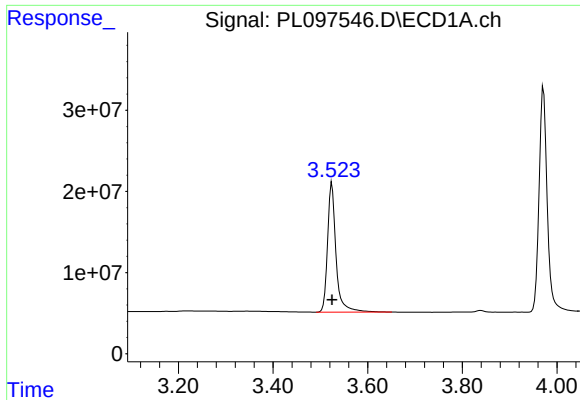
Manual Integrations
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Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 03:05:25 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





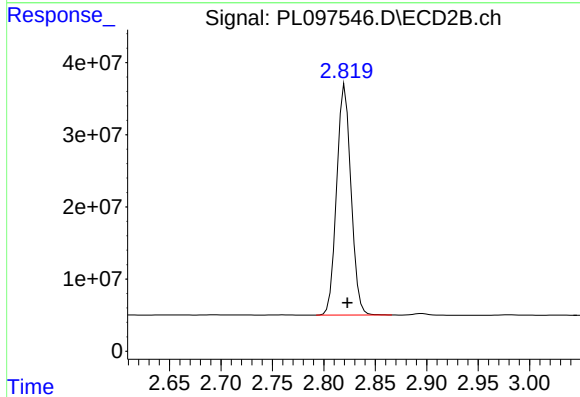
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 199099527
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

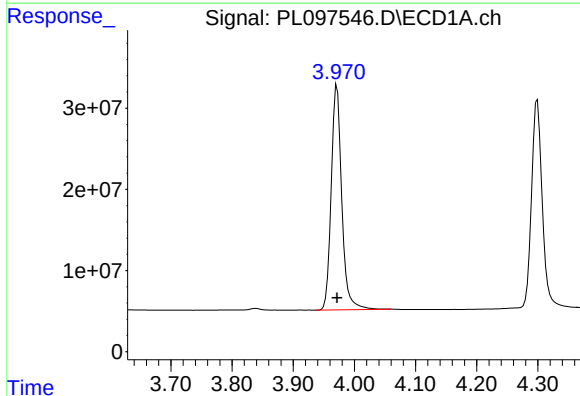
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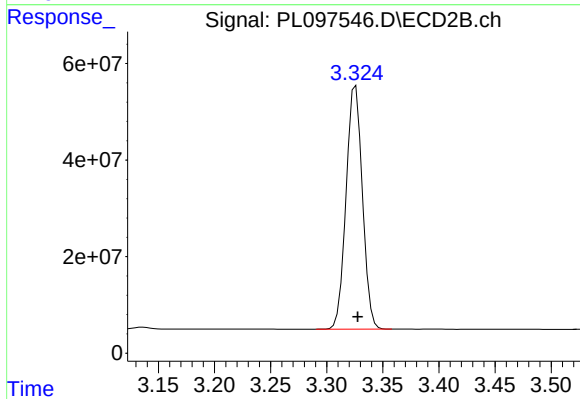
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.002 min
Response: 309545605
Conc: 50.86 ng/ml



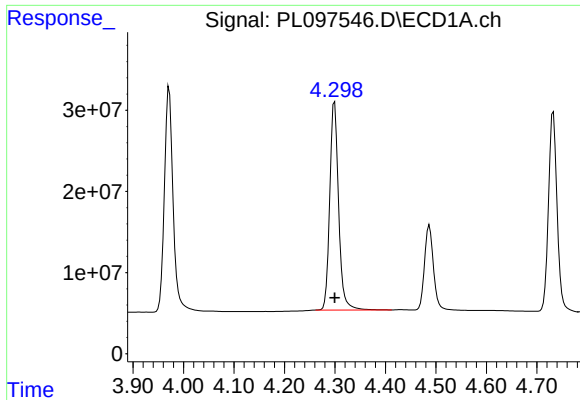
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 331611190
Conc: 49.16 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: -0.002 min
Response: 509216392
Conc: 51.61 ng/ml



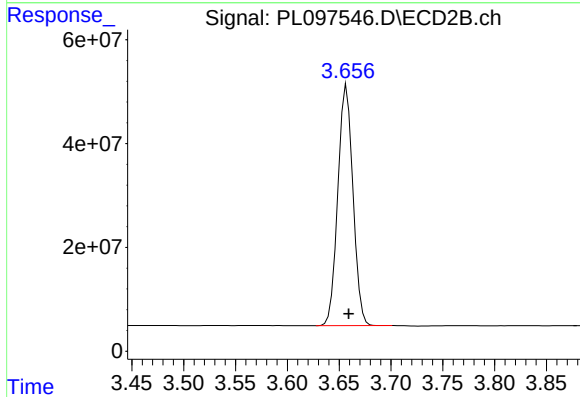
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 313446683
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

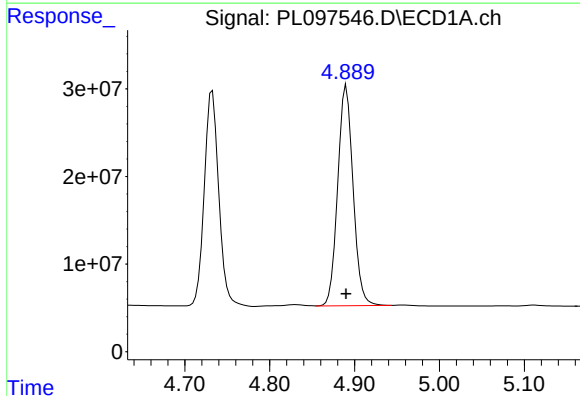
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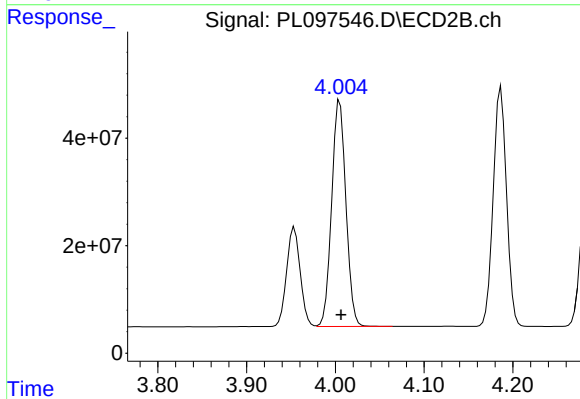
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.002 min
Response: 469931040
Conc: 51.15 ng/ml



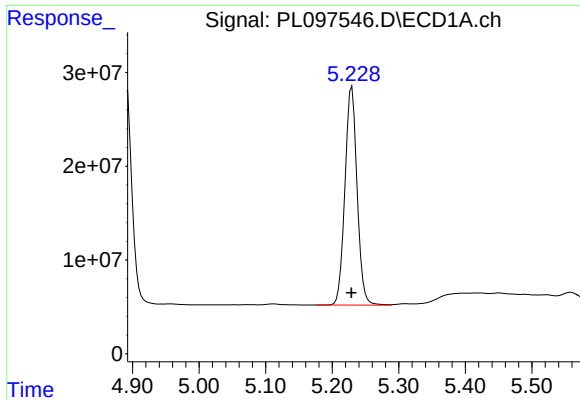
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.000 min
Response: 315752579
Conc: 48.95 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 468997117
Conc: 51.02 ng/ml



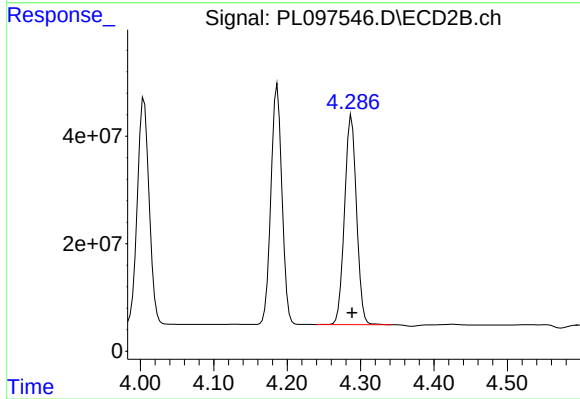
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 295512827
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

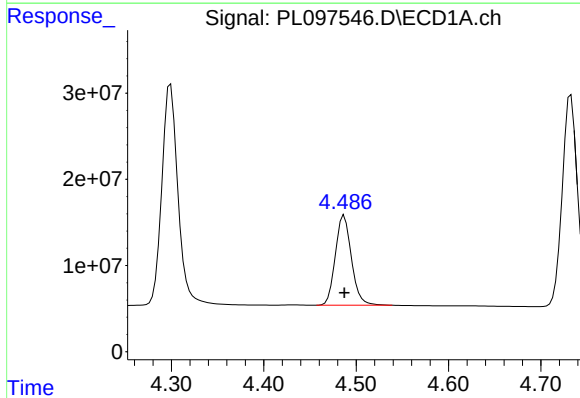
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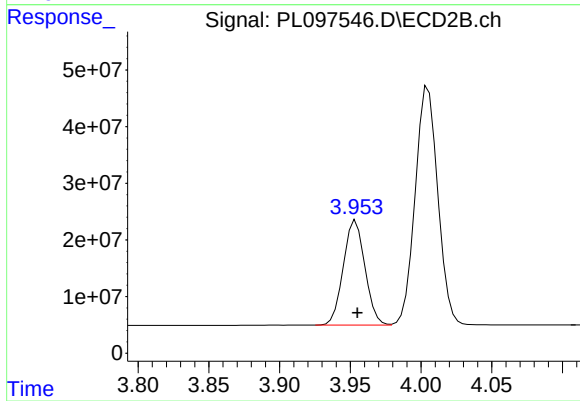
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 442414061
Conc: 51.02 ng/ml



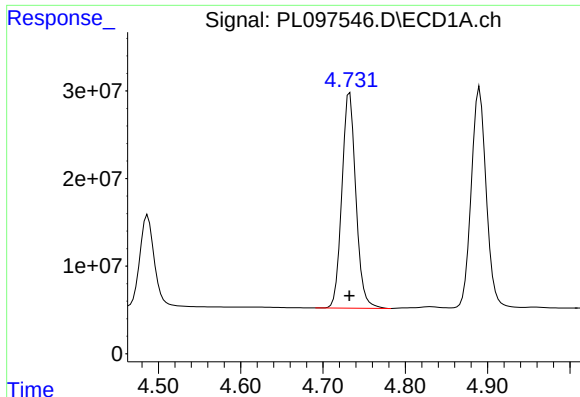
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 126513473
Conc: 48.93 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 197175601
Conc: 49.56 ng/ml



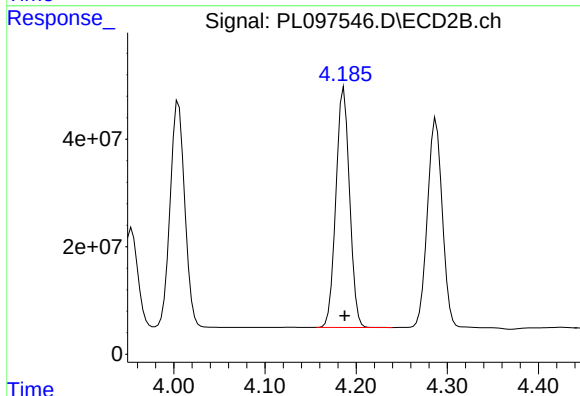
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 291013877
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

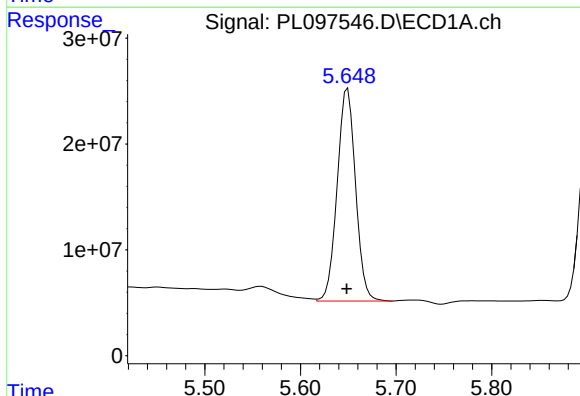
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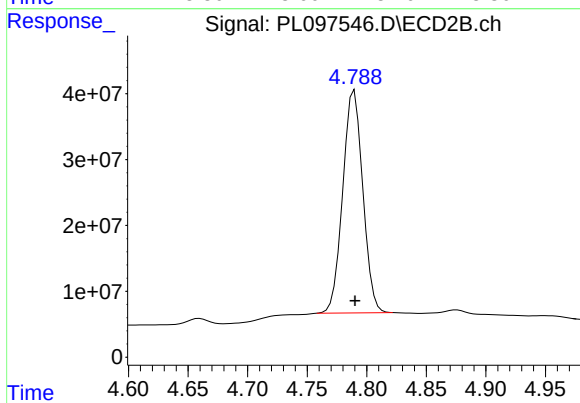
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 465441111
Conc: 51.52 ng/ml



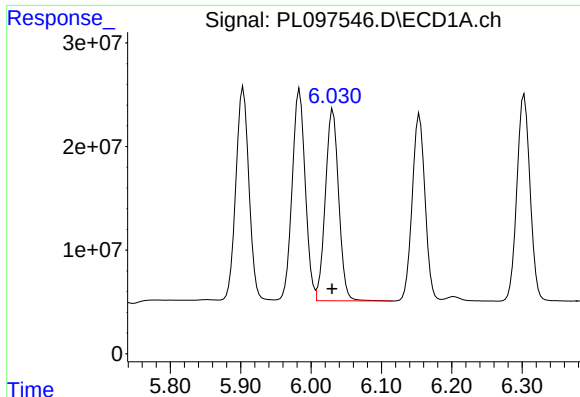
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 268280920
Conc: 46.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.788 min
Delta R.T.: -0.002 min
Response: 396357149
Conc: 50.18 ng/ml m



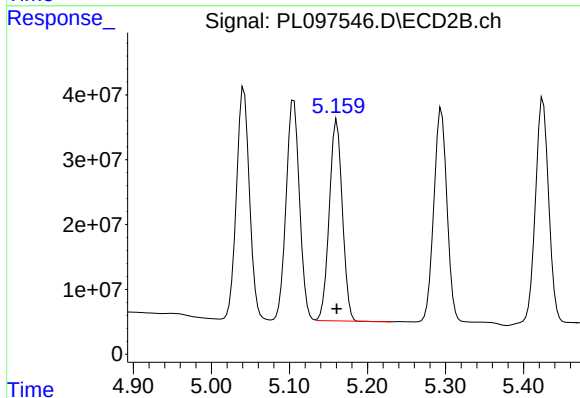
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: 0.001 min
Response: 244297639
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

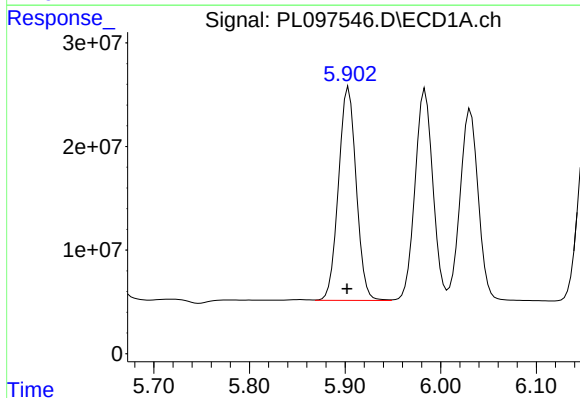
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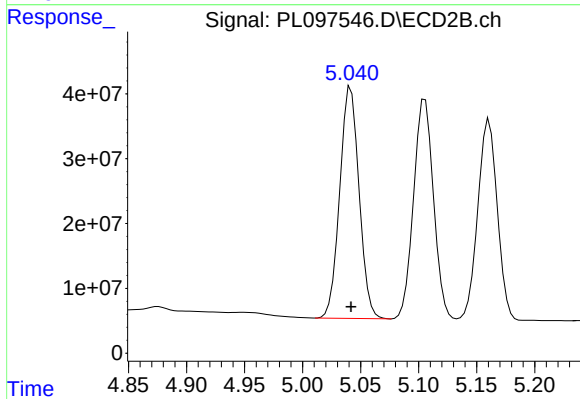
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 361008679
Conc: 48.95 ng/ml



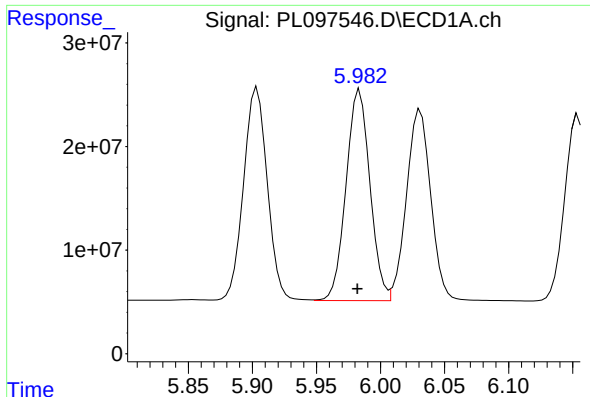
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 265494244
Conc: 48.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 414517616
Conc: 47.68 ng/ml



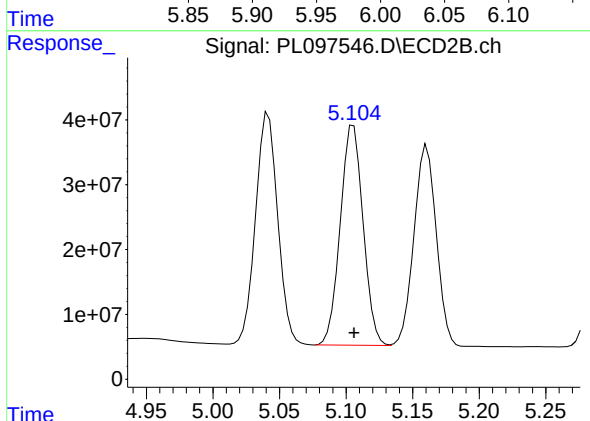
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 264223307
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

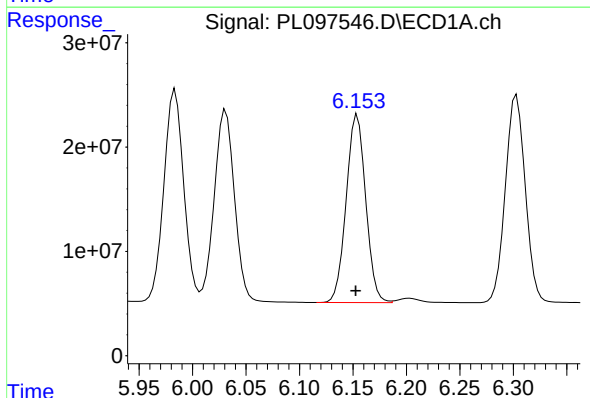
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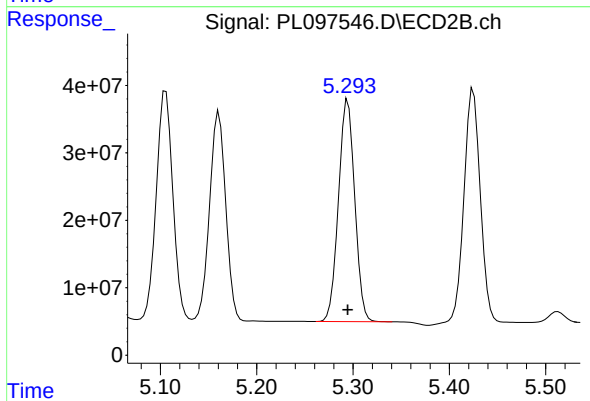
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.000 min
Response: 405513442
Conc: 48.70 ng/ml



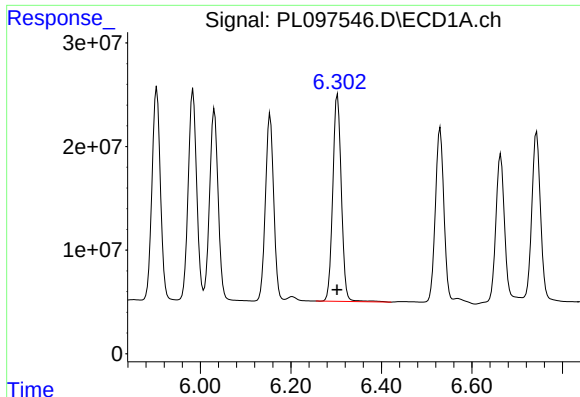
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 228989831
Conc: 49.17 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 386078510
Conc: 50.85 ng/ml



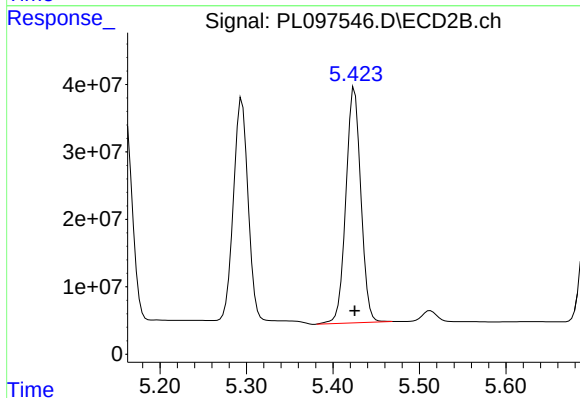
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.001 min
Response: 262881304
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

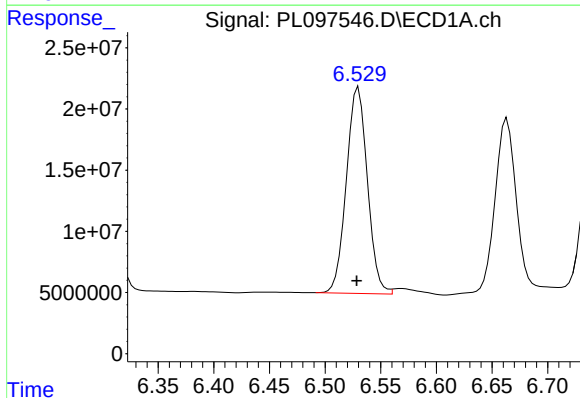
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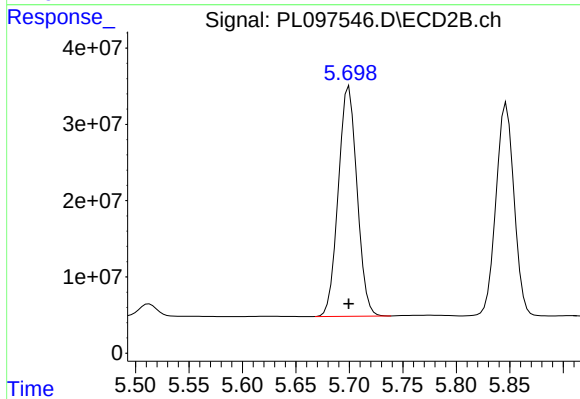
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 417408887
Conc: 50.48 ng/ml



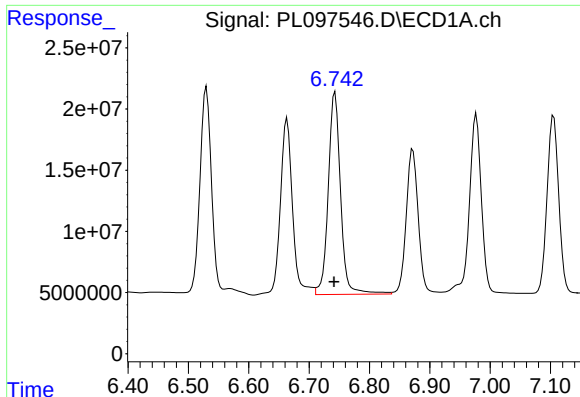
#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.002 min
Response: 221913522
Conc: 49.60 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 367900463
Conc: 49.71 ng/ml



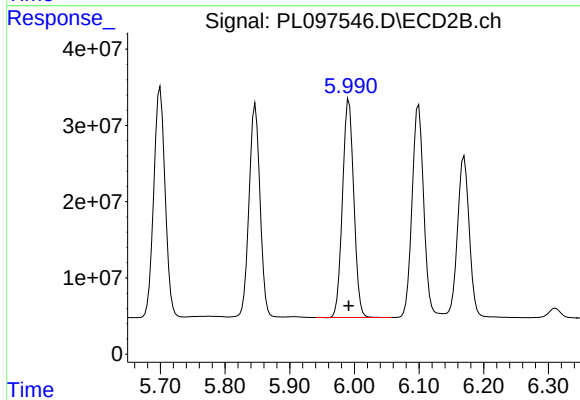
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.001 min
Response: 235396042
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

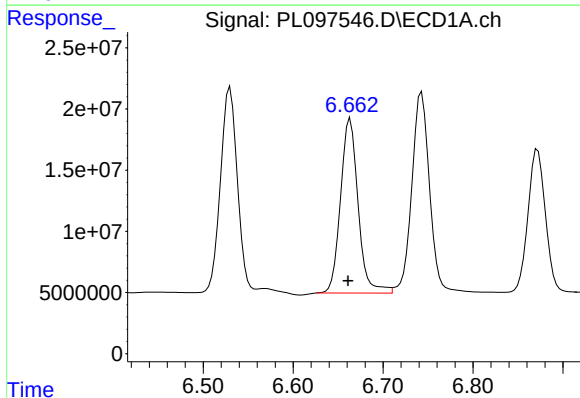
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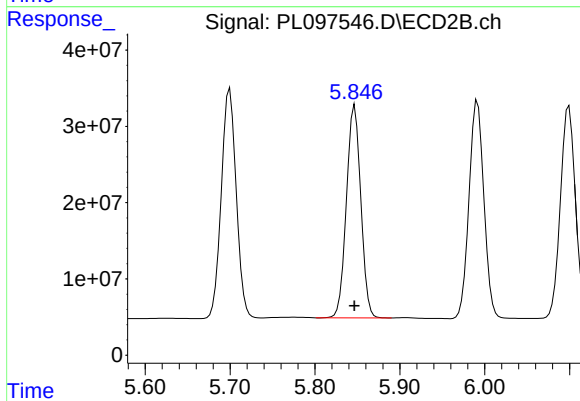
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 347452958
Conc: 50.32 ng/ml



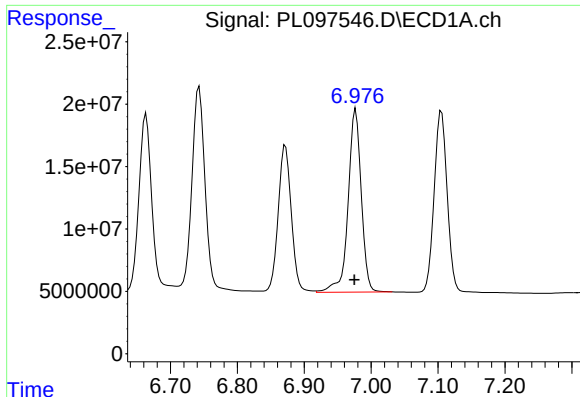
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 194567085
Conc: 51.56 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 327835414
Conc: 51.39 ng/ml



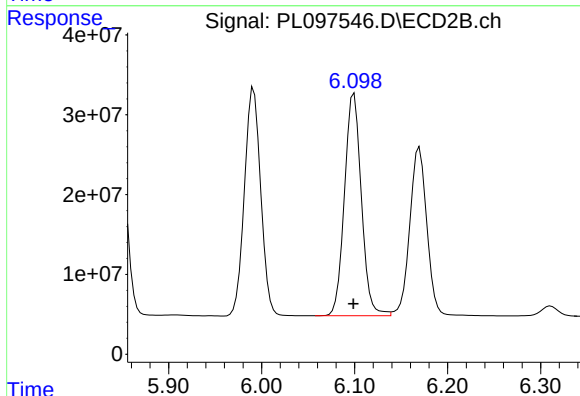
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: 0.002 min
Response: 201422944
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

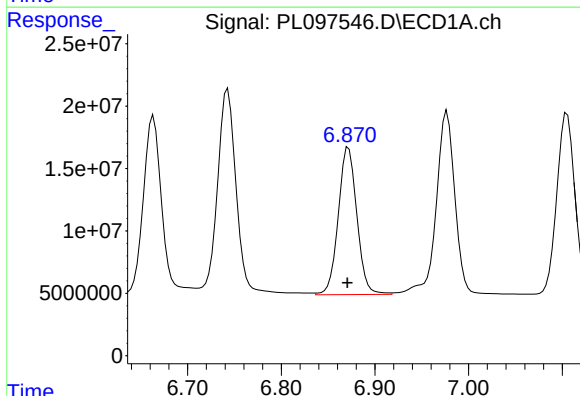
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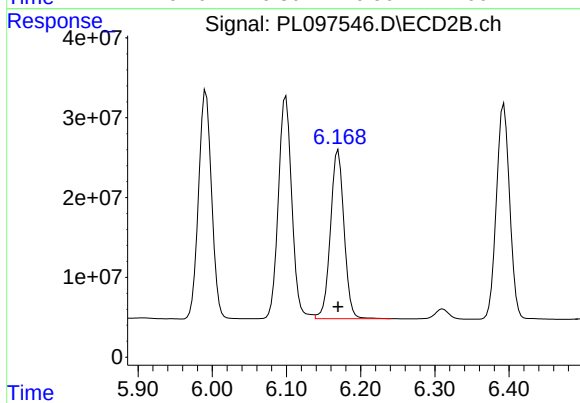
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 351530575
Conc: 52.76 ng/ml



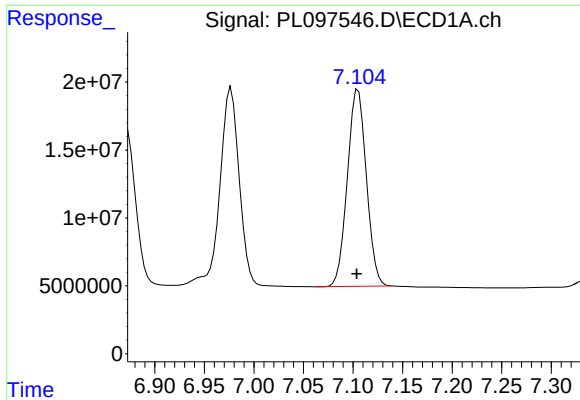
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 163234763
Conc: 49.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 269575060
Conc: 46.81 ng/ml



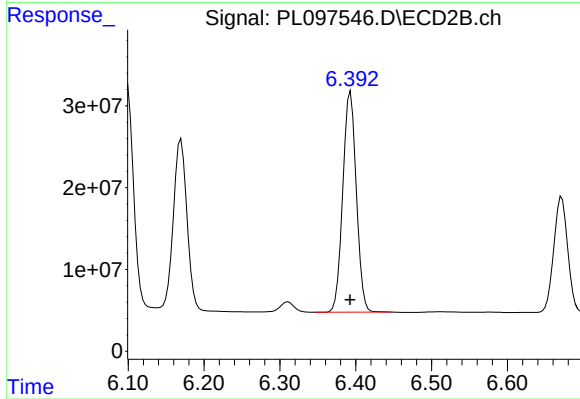
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 193672292
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

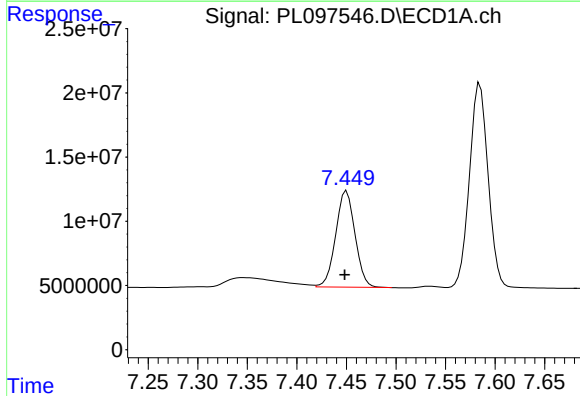
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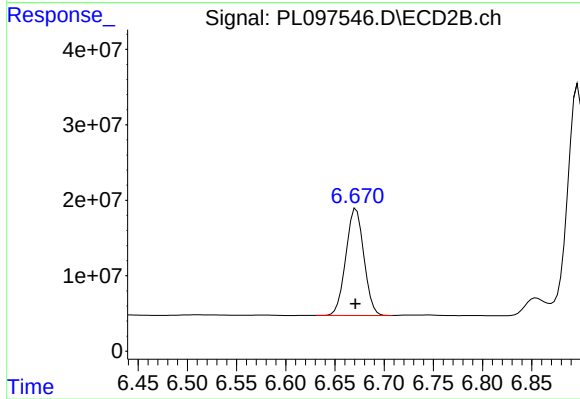
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 334474512
Conc: 50.24 ng/ml



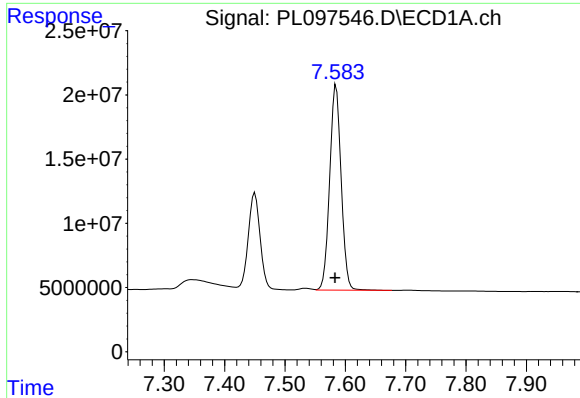
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: 0.000 min
Response: 101643413
Conc: 48.66 ng/ml m



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 180516569
Conc: 49.52 ng/ml



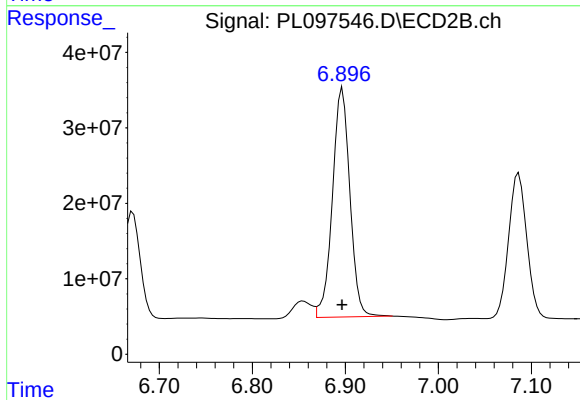
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: 0.002 min
Response: 210688292
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

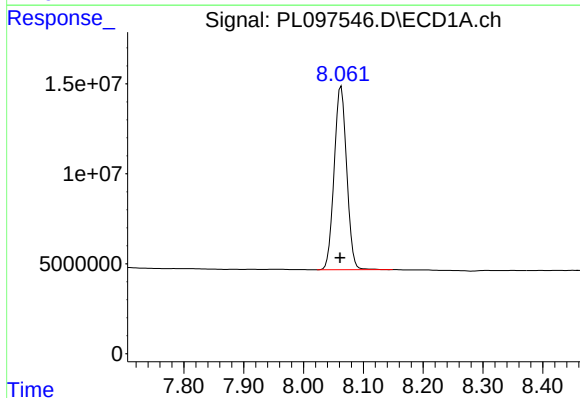
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Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



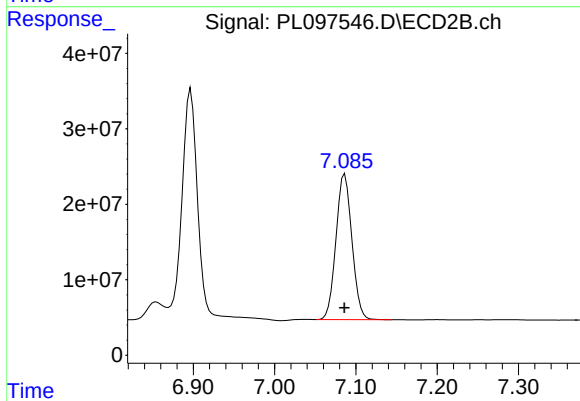
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 396437990
Conc: 50.18 ng/ml



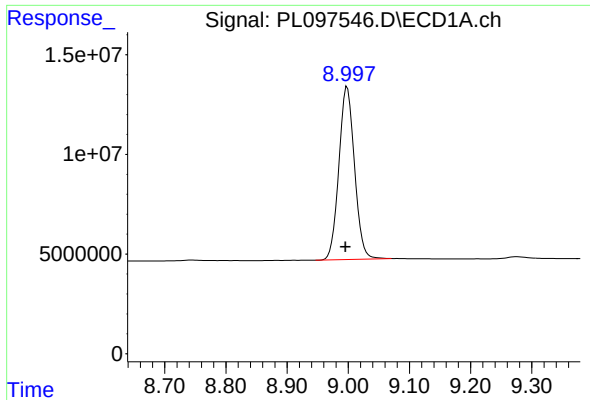
#22 Mirex

R.T.: 8.063 min
Delta R.T.: 0.002 min
Response: 148831200
Conc: 47.90 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 262693247
Conc: 49.10 ng/ml



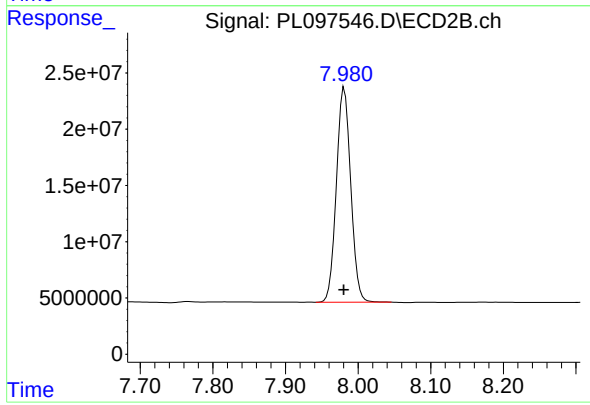
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.003 min
Response: 153848188
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 262043458
Conc: 50.50 ng/ml