

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 19:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 23:20:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.535	2.767	144.2E6	192.9E6	52.554	51.825
28)	SA Decachlor...	9.049	7.898	125.3E6	234.2E6	52.035	53.234
Target Compounds							
2)	A alpha-BHC	3.991	3.269	176.2E6	244.3E6	43.848	44.122
3)	MA gamma-BHC...	4.323	3.599	169.8E6	230.0E6	44.157	43.706
4)	MA Heptachlor	4.911	3.936	163.2E6	233.6E6	44.513	44.936
5)	MB Aldrin	5.252	4.215	161.5E6	222.7E6	45.760	45.692
6)	B beta-BHC	4.523	3.899	77349655	100.8E6	44.117	43.522
7)	B delta-BHC	4.770	4.127	171.9E6	230.7E6	43.859	44.619
8)	B Heptachlo...	5.679	4.717	149.6E6	212.1E6	46.594	46.428
9)	A Endosulfan I	6.064	5.087	139.9E6	188.3E6	45.140	43.374
10)	B gamma-Chl...	5.935	4.967	151.4E6	222.6E6	45.310	46.212
11)	B alpha-Chl...	6.014	5.031	149.3E6	219.0E6	44.968	46.203
12)	B 4,4'-DDE	6.188	5.218	142.1E6	220.0E6	43.466	45.690m
13)	MA Dieldrin	6.340	5.350	147.7E6	222.9E6	44.833	46.435
14)	MA Endrin	6.568	5.626	118.0E6	191.9E6	45.259m	45.941
15)	B Endosulfa...	6.790	5.921	127.2E6	201.1E6	44.609	45.798
16)	A 4,4'-DDD	6.706	5.774	115.5E6	185.5E6	45.480	47.690
17)	MA 4,4'-DDT	7.020	6.024	104.9E6	171.0E6	41.217	41.058
18)	B Endrin al...	6.920	6.100	94732139	146.9E6	43.039	43.592
19)	B Endosulfa...	7.154	6.323	114.0E6	192.4E6	44.365	46.056
20)	A Methoxychlor	7.495	6.599	53948627	92255564	40.277m	41.081
21)	B Endrin ke...	7.639	6.827	126.9E6	235.6E6	43.955	46.729m
22)	Mirex	8.112	7.007	94142740	173.3E6	44.256	44.068

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 19:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

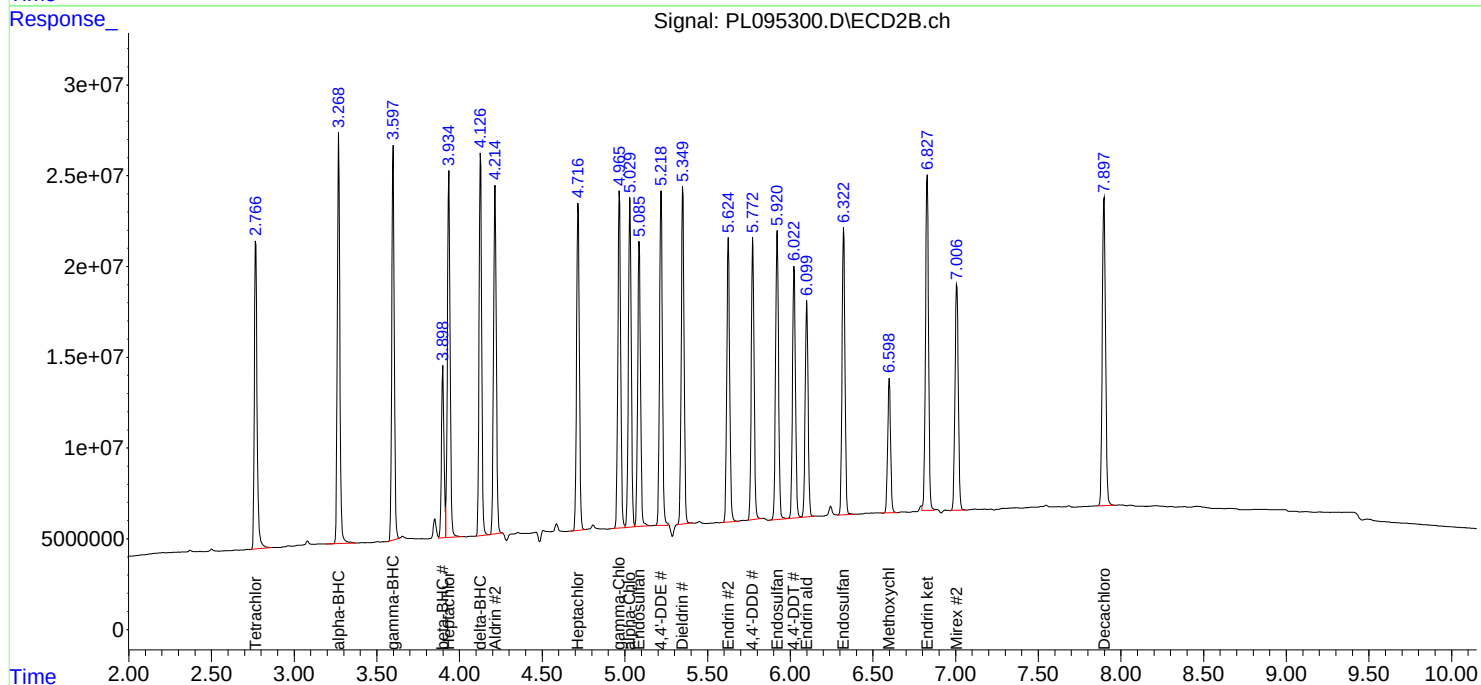
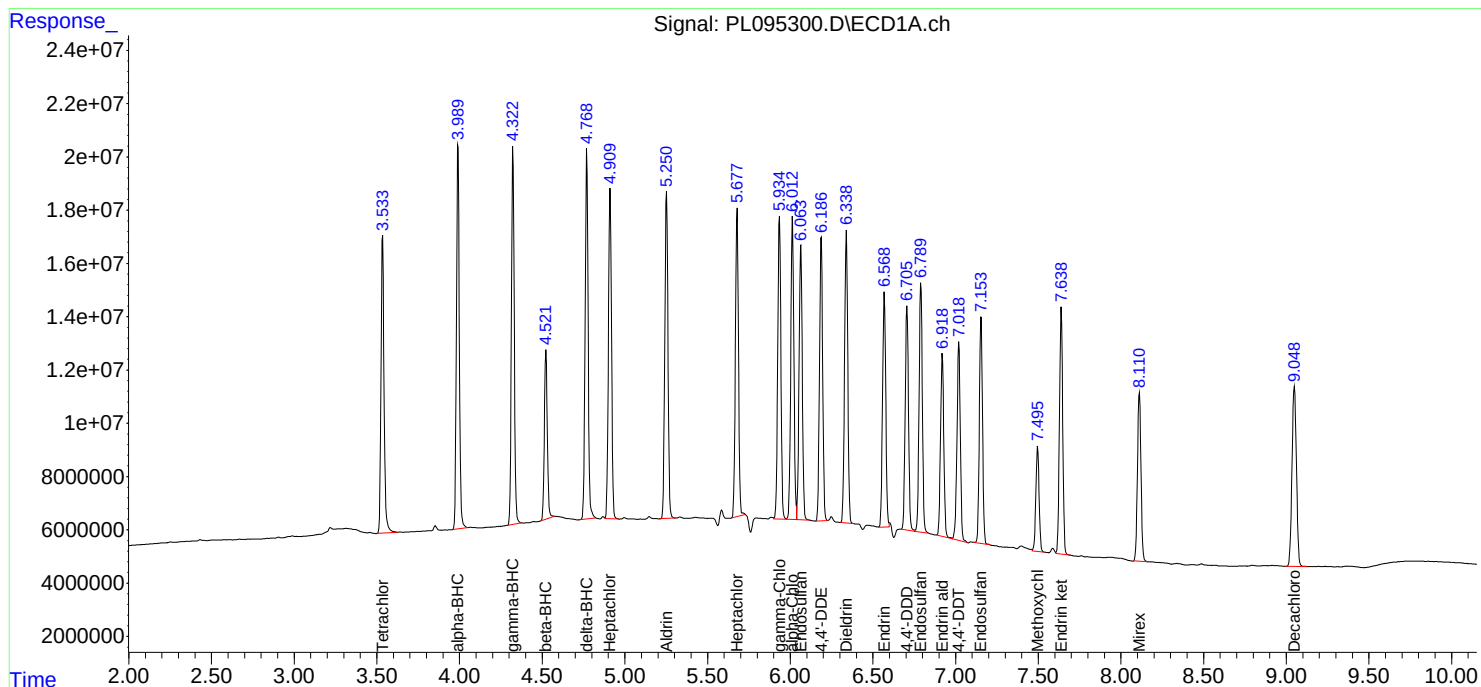
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

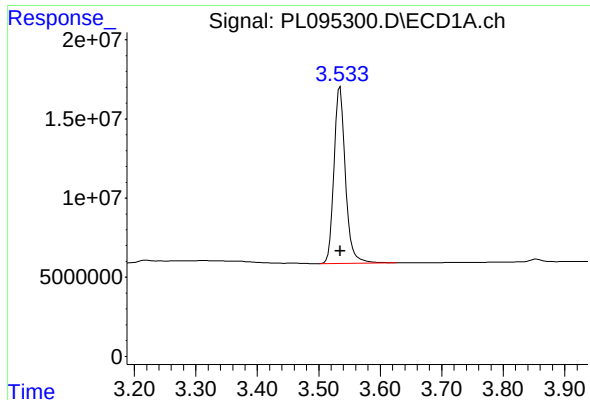
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 23:20:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





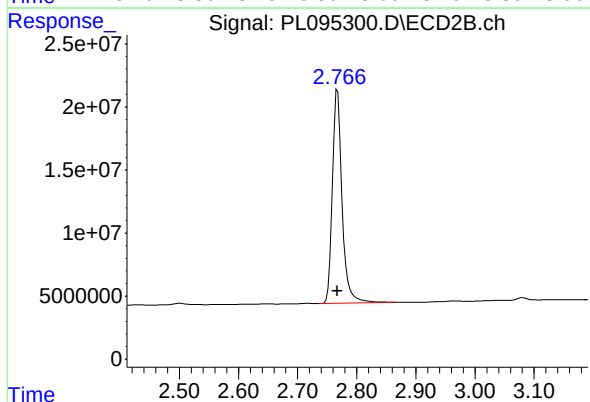
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 144170313
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

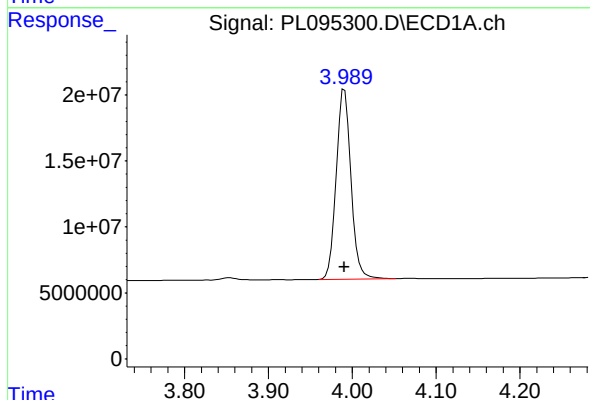
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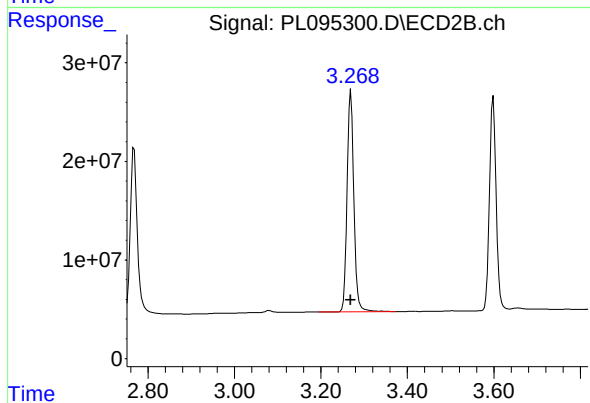
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 192850719
Conc: 51.82 ng/ml



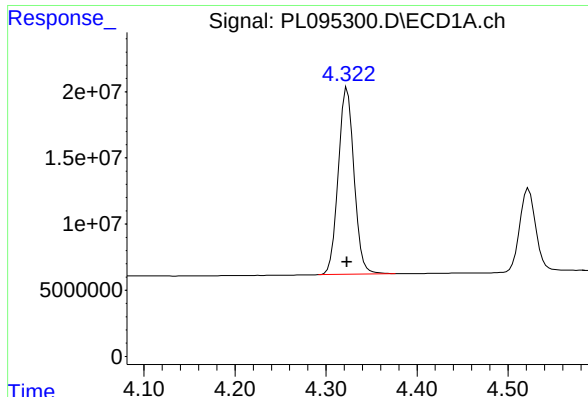
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 176231766
Conc: 43.85 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 244325866
Conc: 44.12 ng/ml



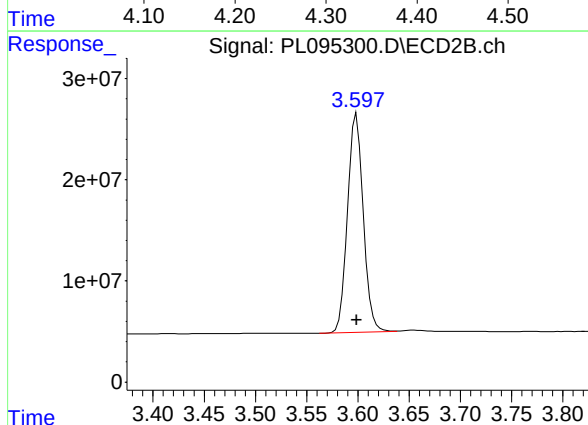
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 169808439
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

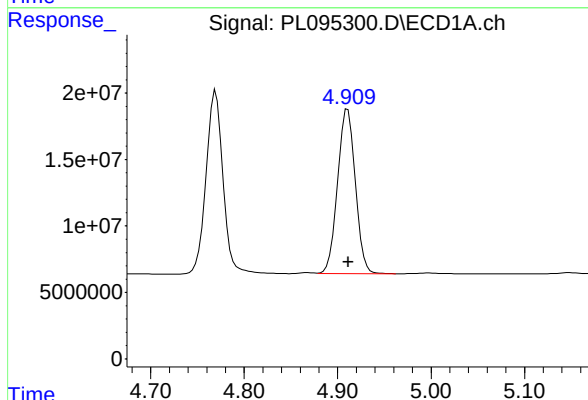
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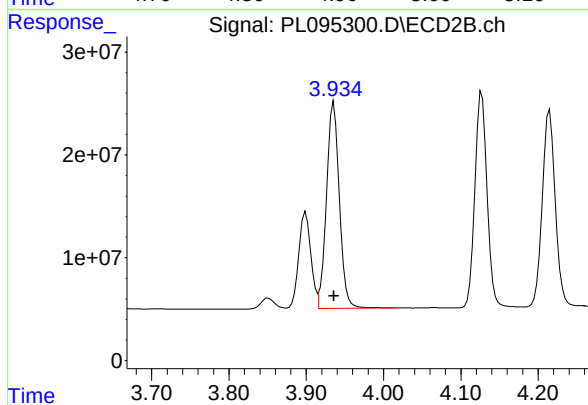
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 230030982
Conc: 43.71 ng/ml



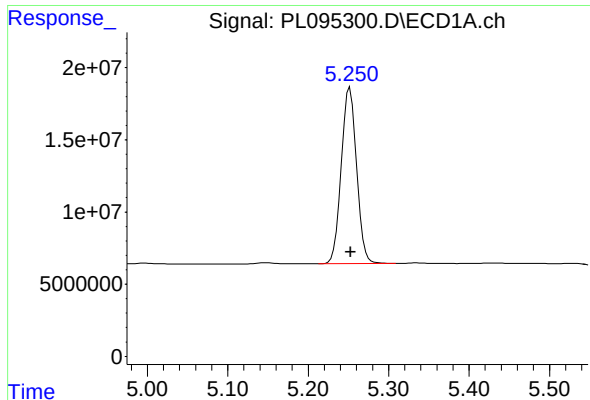
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 163202339
Conc: 44.51 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 233645279
Conc: 44.94 ng/ml



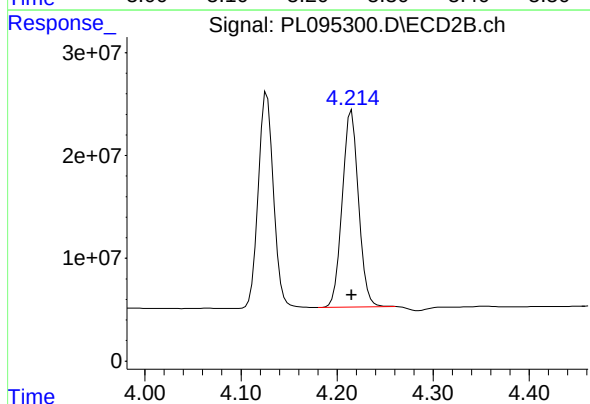
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 161492000
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

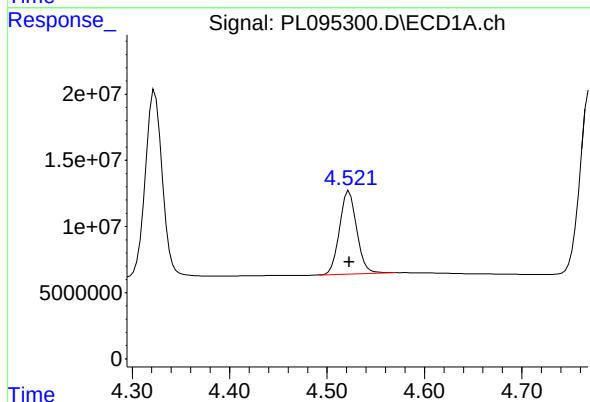
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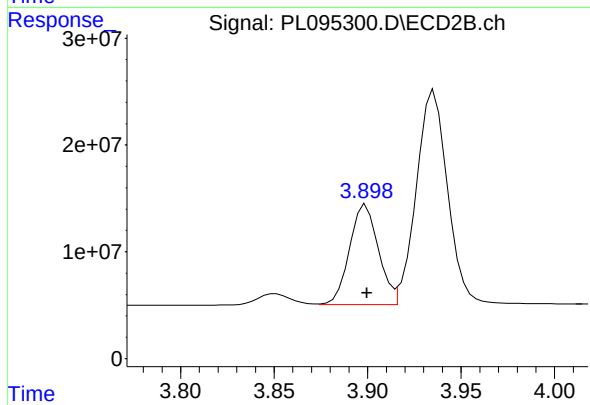
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 222682898
Conc: 45.69 ng/ml



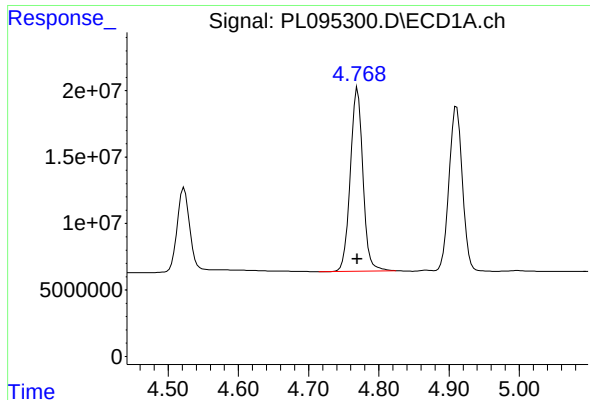
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 77349655
Conc: 44.12 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 100846617
Conc: 43.52 ng/ml



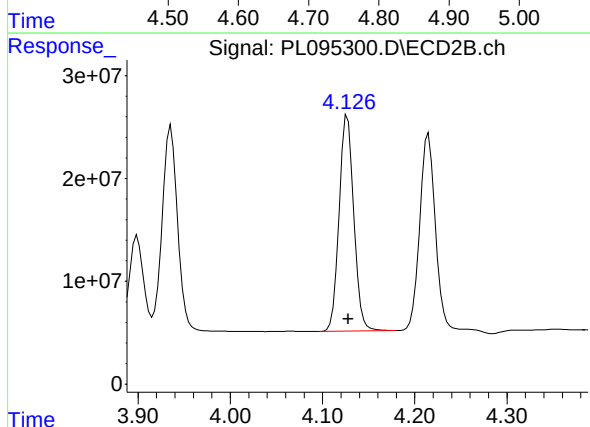
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 171867623
Conc: 43.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

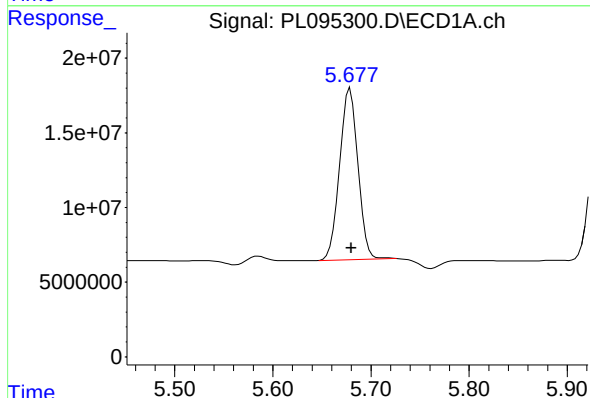
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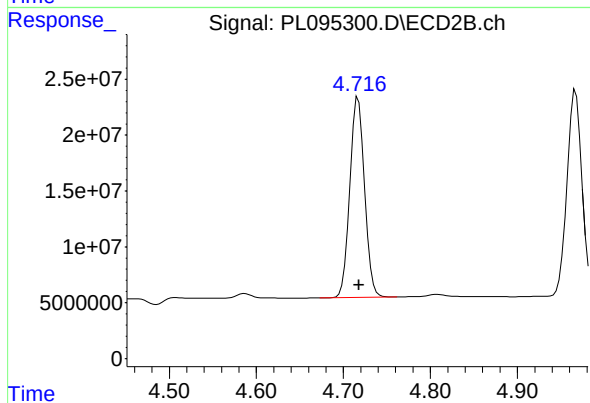
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 230683155
Conc: 44.62 ng/ml



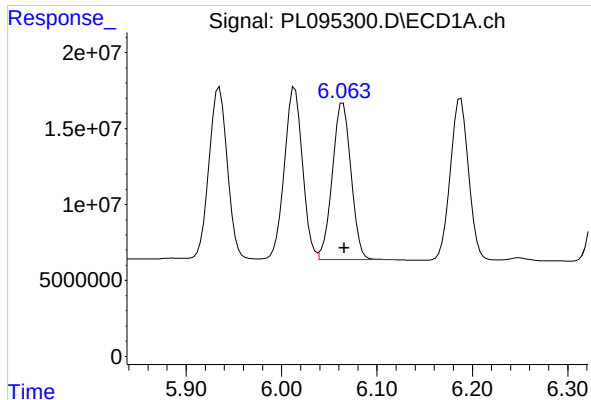
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 149603147
Conc: 46.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 212114494
Conc: 46.43 ng/ml



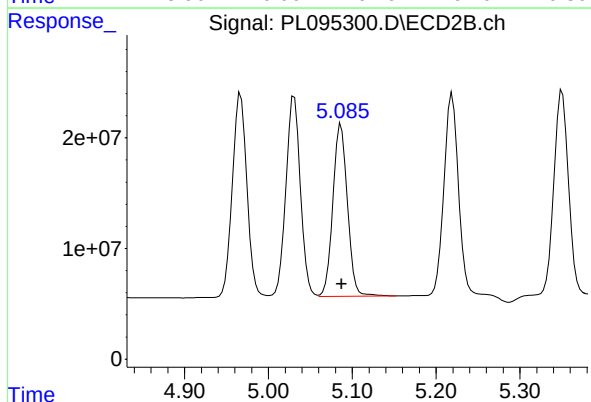
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.002 min
Response: 139862918
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

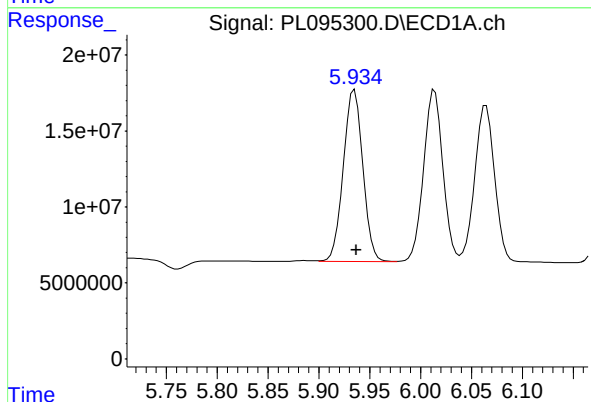
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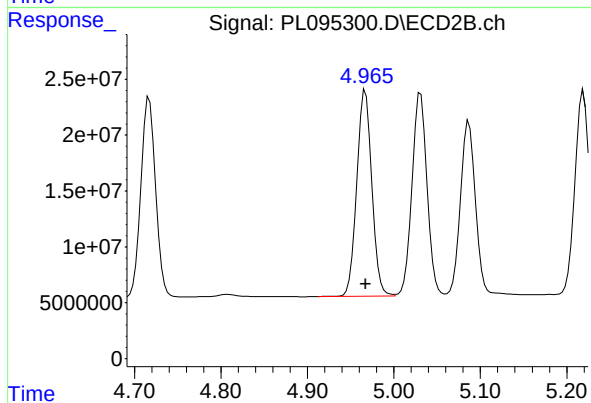
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 188280978
Conc: 43.37 ng/ml



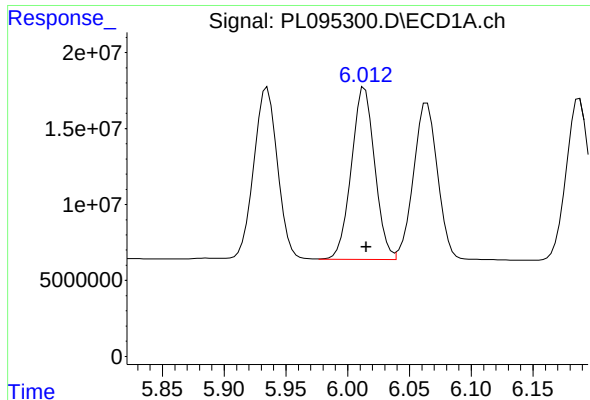
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 151356940
Conc: 45.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 222589881
Conc: 46.21 ng/ml



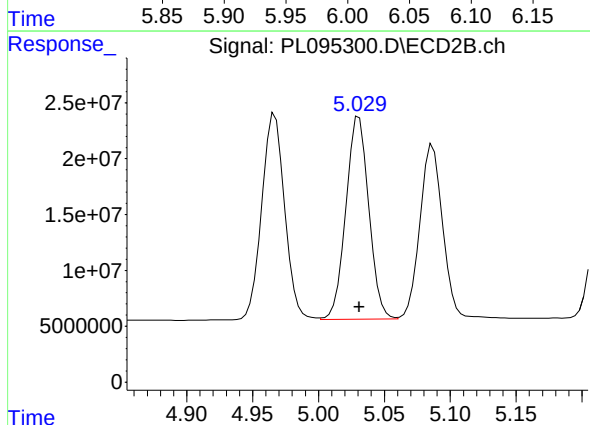
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.001 min
Response: 149269393
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

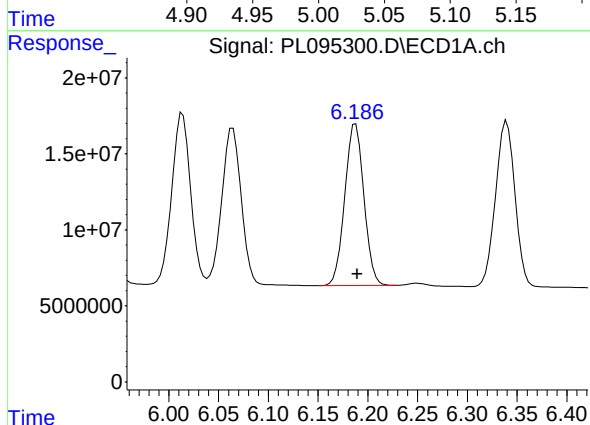
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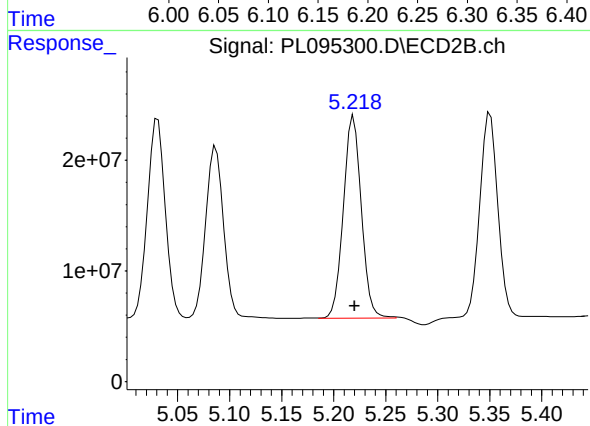
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 218985515
Conc: 46.20 ng/ml



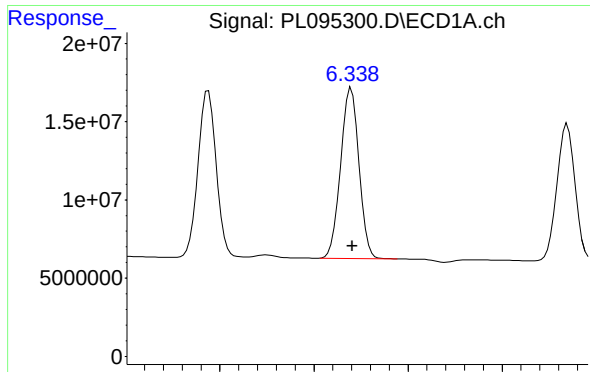
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 142127885
Conc: 43.47 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 219985372
Conc: 45.69 ng/ml m



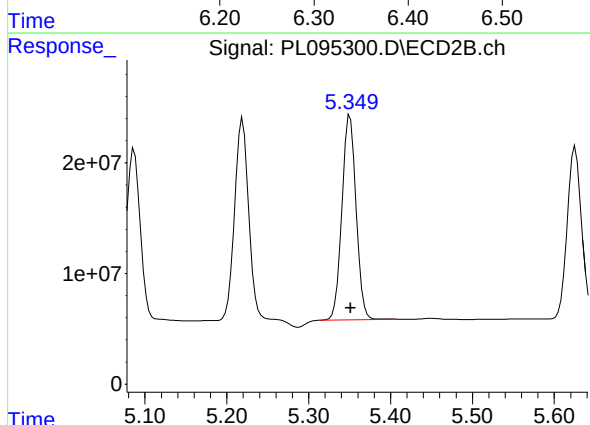
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.001 min
Response: 147729307
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

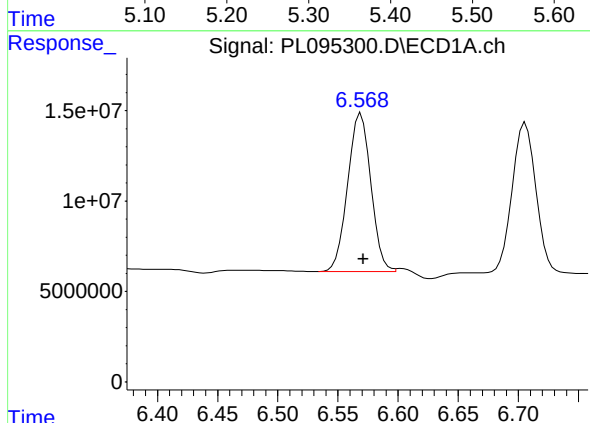
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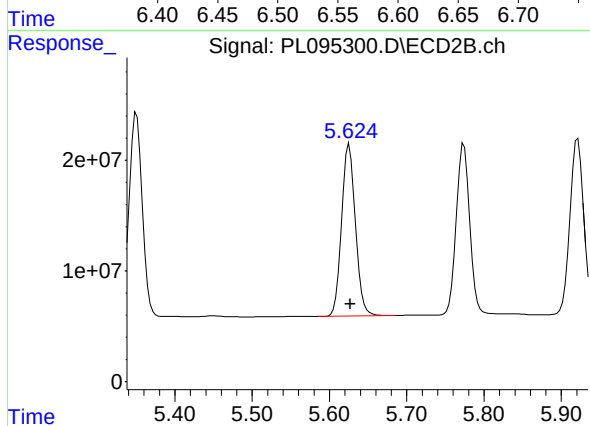
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 222888059
Conc: 46.43 ng/ml



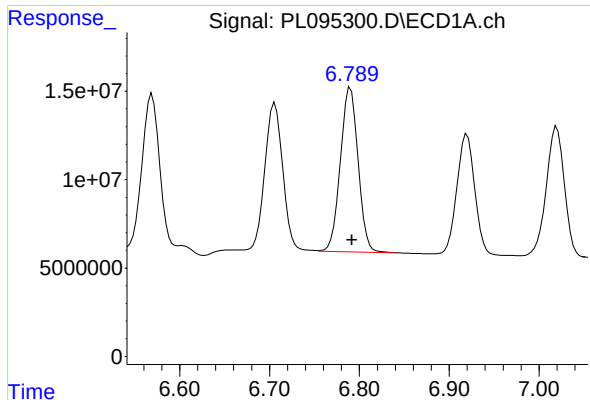
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.003 min
Response: 117951505
Conc: 45.26 ng/ml m



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.001 min
Response: 191916357
Conc: 45.94 ng/ml



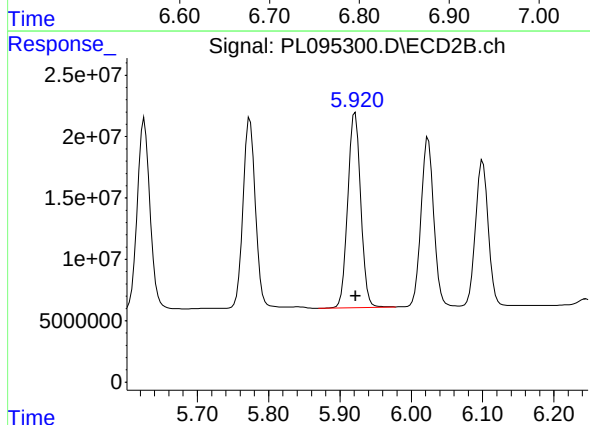
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 127241042
Conc: 44.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

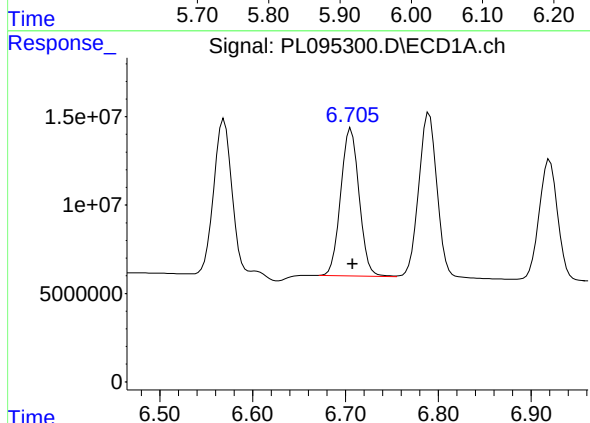
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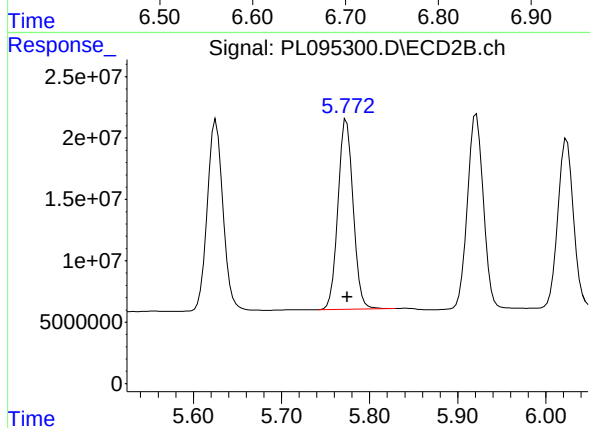
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 201069123
Conc: 45.80 ng/ml



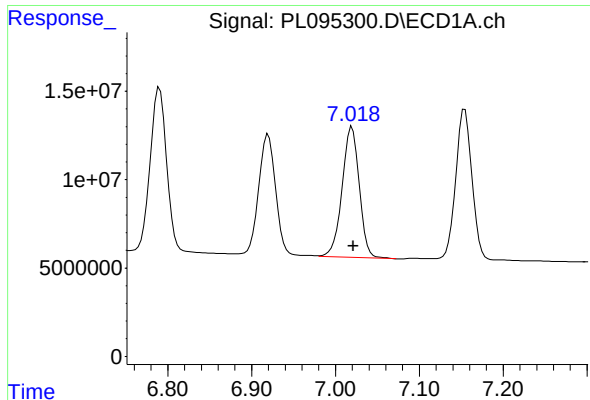
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 115479699
Conc: 45.48 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 185510900
Conc: 47.69 ng/ml



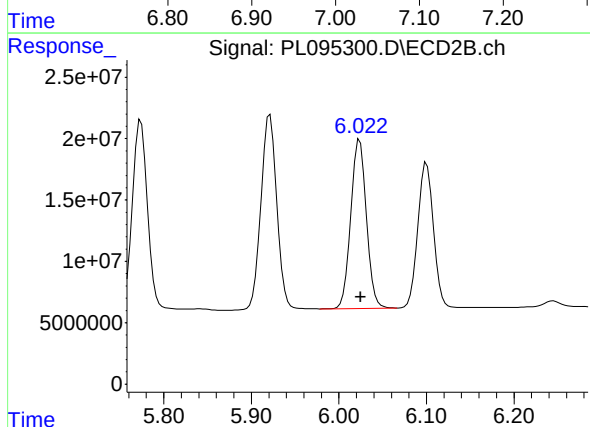
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 104919250
Conc: 41.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

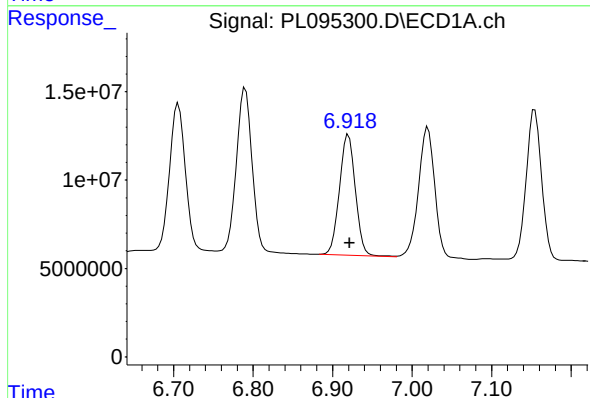
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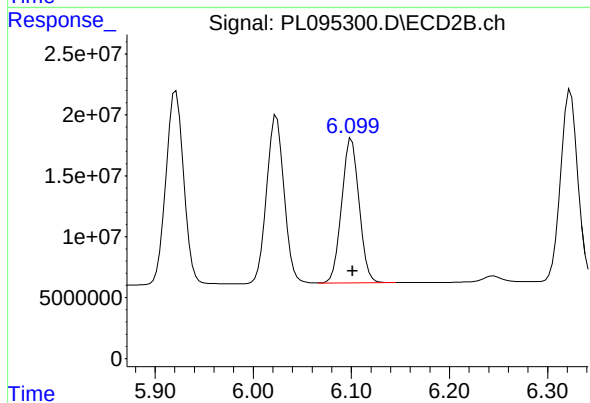
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.001 min
Response: 171047727
Conc: 41.06 ng/ml



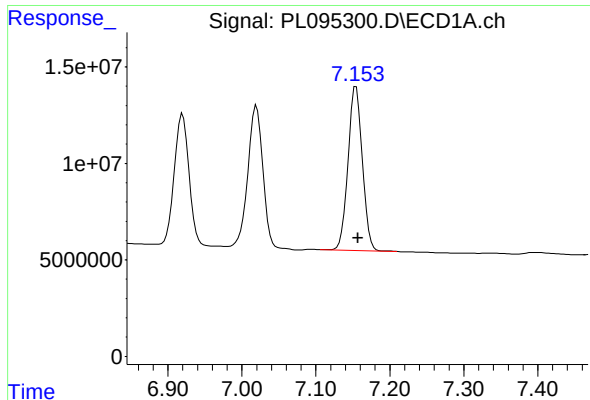
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 94732139
Conc: 43.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 146896905
Conc: 43.59 ng/ml



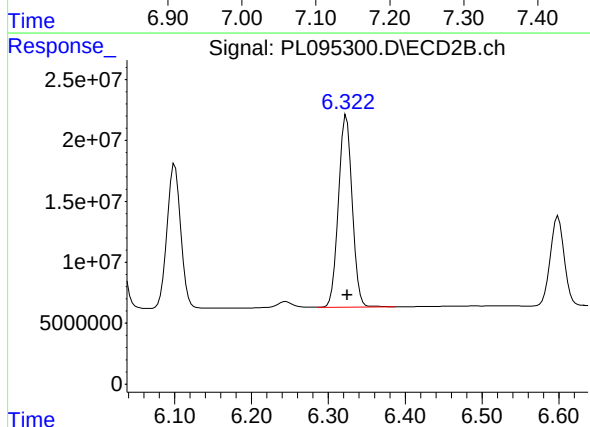
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 114001421
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

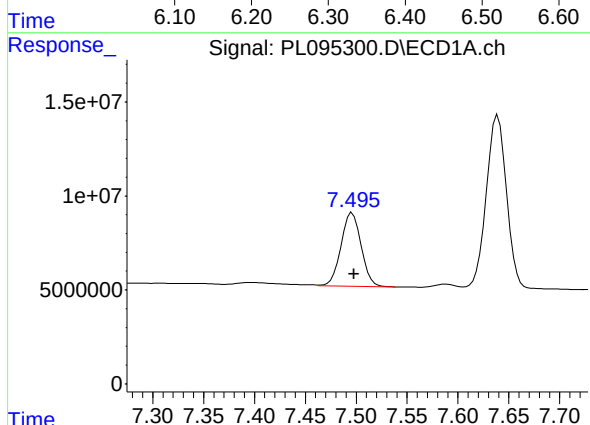
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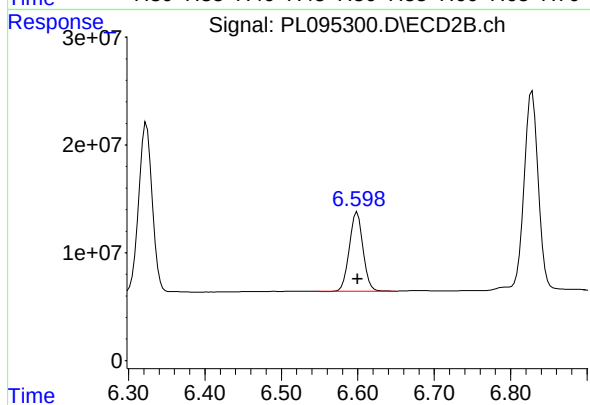
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 192351199
Conc: 46.06 ng/ml



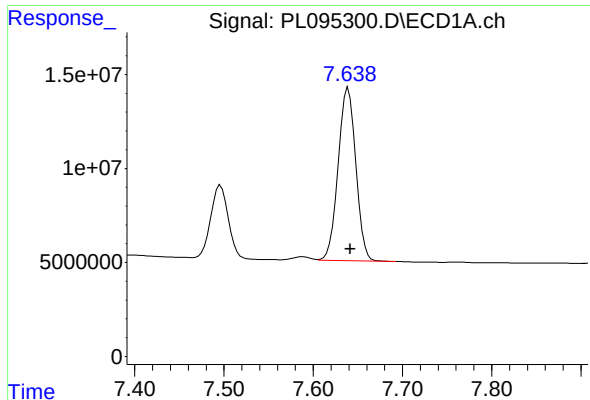
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.003 min
Response: 53948627
Conc: 40.28 ng/ml m



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 92255564
Conc: 41.08 ng/ml



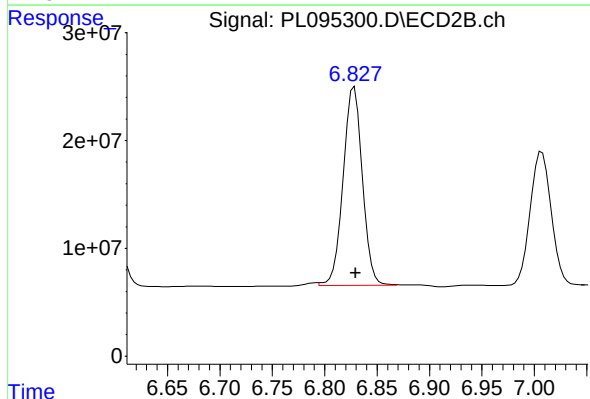
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.002 min
Response: 126884476
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

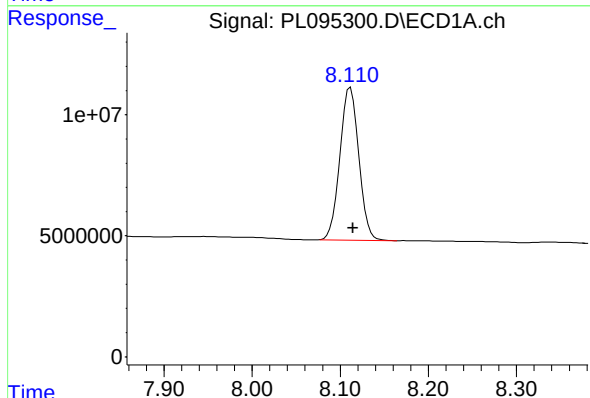
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Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



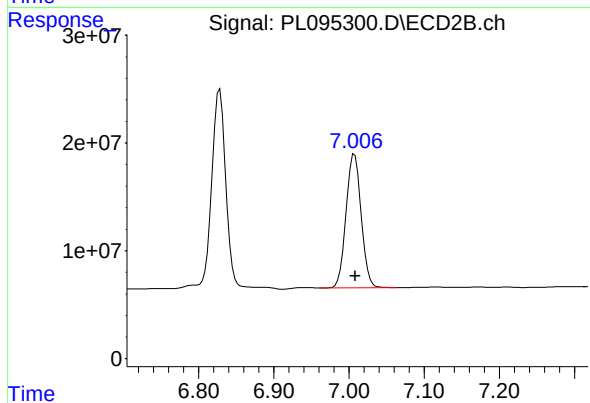
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 235614099
Conc: 46.73 ng/ml m



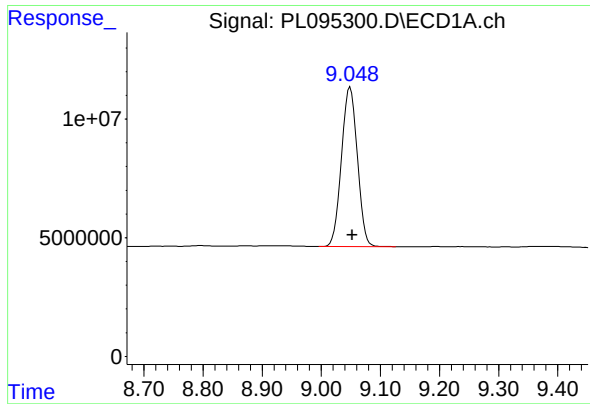
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.003 min
Response: 94142740
Conc: 44.26 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.001 min
Response: 173266023
Conc: 44.07 ng/ml



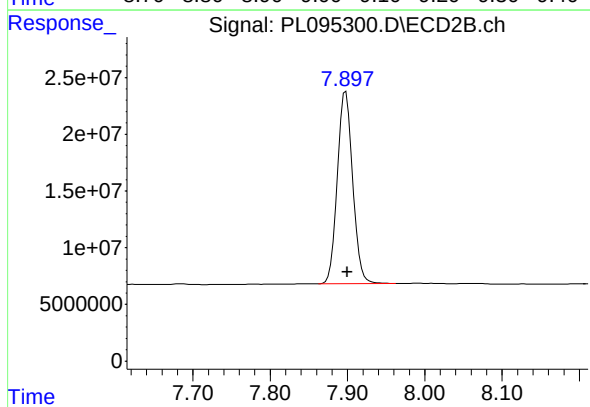
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.004 min
Response: 125284174
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.002 min
Response: 234180442
Conc: 53.23 ng/ml