

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
 Data File : PL095054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 15:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/07/2025
 Supervised By : mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:33:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.769	140.4E6	193.5E6	49.614	54.223
28)	SA Decachlor...	9.047	7.898	102.7E6	166.1E6	48.727	41.109
Target Compounds							
2)	A alpha-BHC	3.990	3.270	206.2E6	296.6E6	49.653	55.016
3)	MA gamma-BHC...	4.323	3.598	198.9E6	281.1E6	49.845	54.693m
4)	MA Heptachlor	4.910	3.936	180.5E6	268.7E6	46.507	50.999
5)	MB Aldrin	5.251	4.216	174.8E6	258.4E6	47.348	52.988
6)	B beta-BHC	4.522	3.900	91211505	121.8E6	49.431	54.820
7)	B delta-BHC	4.769	4.128	198.8E6	278.8E6	51.061	55.741
8)	B Heptachlo...	5.678	4.718	158.9E6	240.4E6	47.497	52.513
9)	A Endosulfan I	6.063	5.087	152.0E6	221.5E6	49.507	50.480
10)	B gamma-Chl...	5.934	4.967	162.8E6	253.9E6	48.324	52.588
11)	B alpha-Chl...	6.012	5.031	161.7E6	247.4E6	49.053	51.830
12)	B 4,4'-DDE	6.187	5.218	159.5E6	247.1E6	54.206	53.148m
13)	MA Dieldrin	6.339	5.350	158.9E6	244.1E6	49.683	50.314m
14)	MA Endrin	6.566	5.627	128.4E6	215.9E6	46.323m	49.483
15)	B Endosulfa...	6.788	5.920	135.8E6	217.1E6	50.027	50.160m
16)	A 4,4'-DDD	6.705	5.774	122.2E6	198.9E6	56.433	55.327
17)	MA 4,4'-DDT	7.018	6.024	115.1E6	200.3E6	48.391	49.673
18)	B Endrin al...	6.918	6.100	99873363	160.0E6	47.311	47.528
19)	B Endosulfa...	7.153	6.324	117.1E6	202.1E6	48.138	49.605
20)	A Methoxychlor	7.494	6.599	57079470	98143112	47.683	46.271
21)	B Endrin ke...	7.638	6.827	129.5E6	226.4E6	49.006	47.438m
22)	Mirex	8.111	7.007	92399694	171.7E6	44.718	45.247

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
Data File : PL095054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2025 15:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

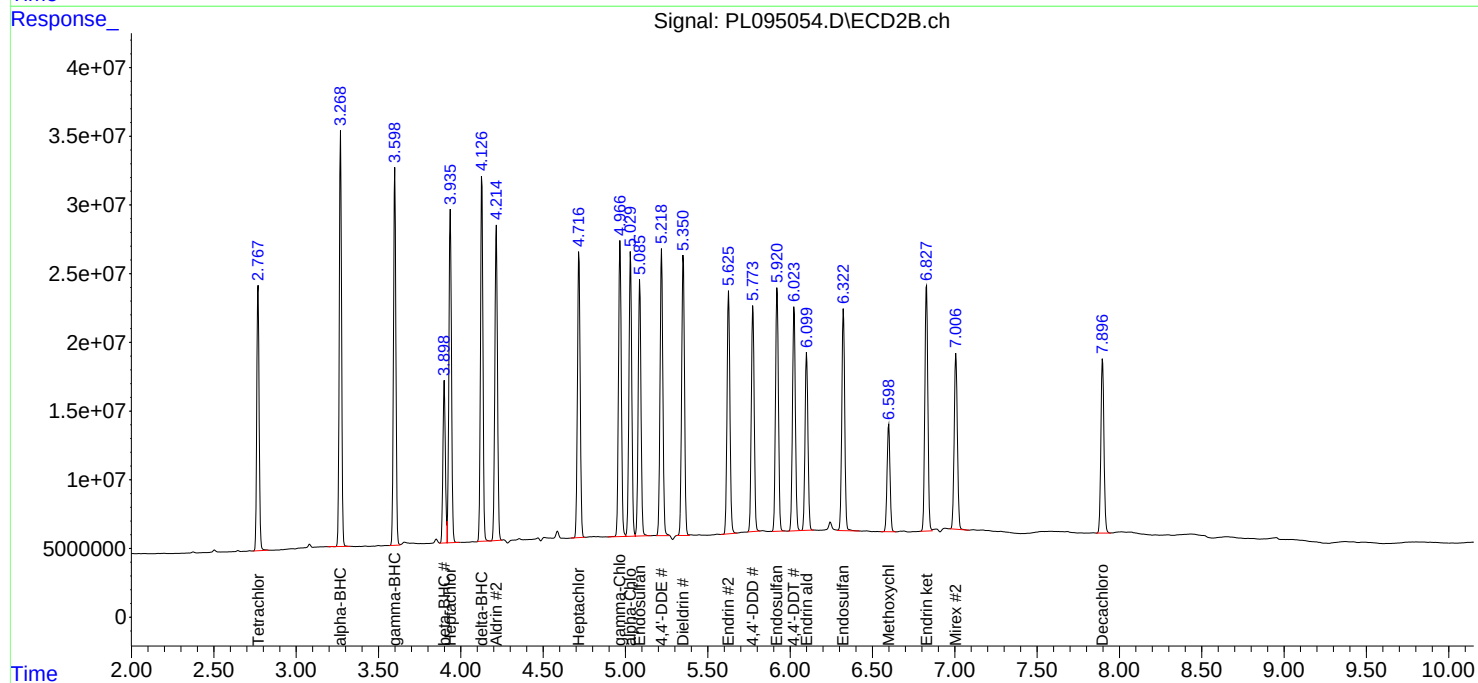
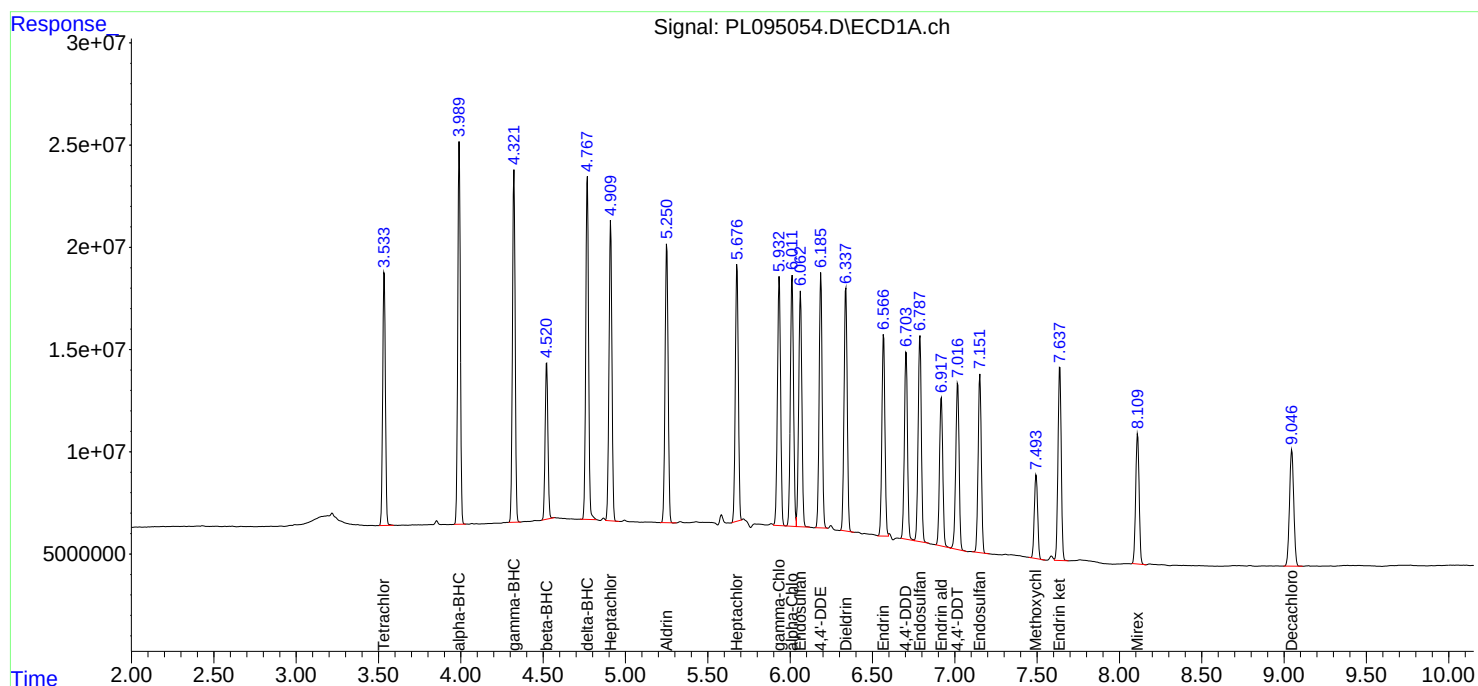
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

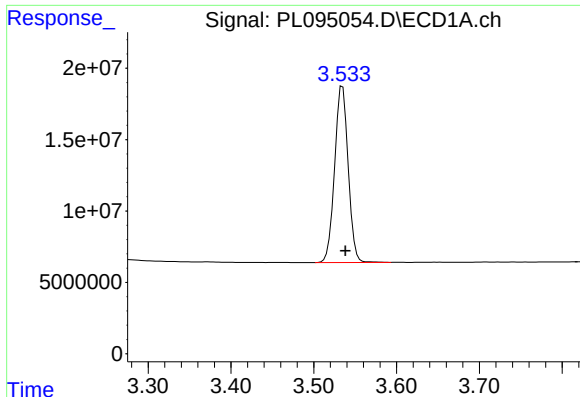
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 22:33:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





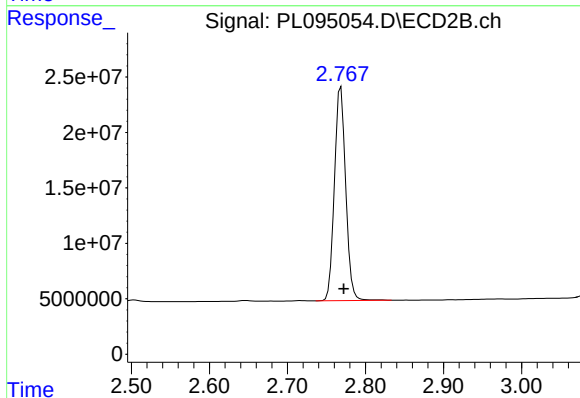
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 140441513
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

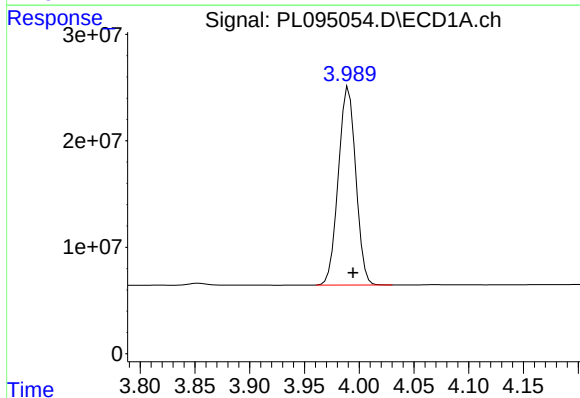
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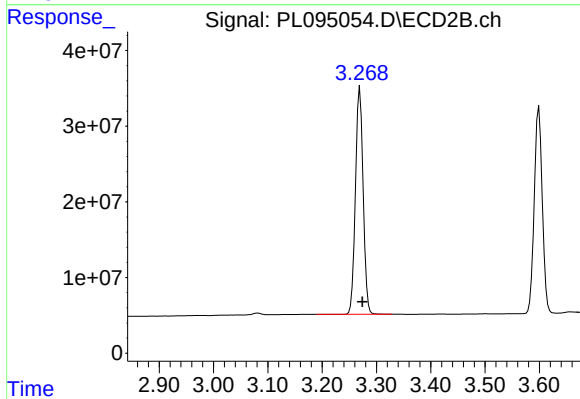
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 193538076
Conc: 54.22 ng/ml



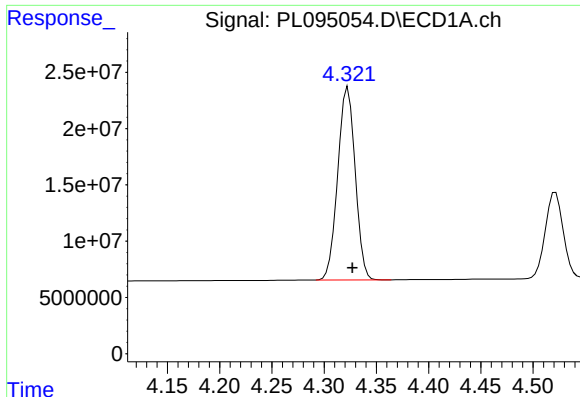
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 206177120
Conc: 49.65 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 296611634
Conc: 55.02 ng/ml



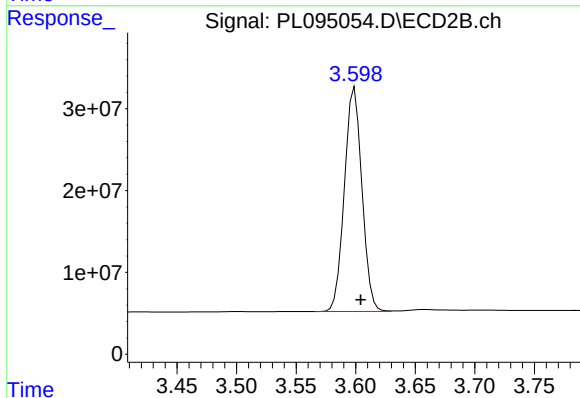
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 198895251
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

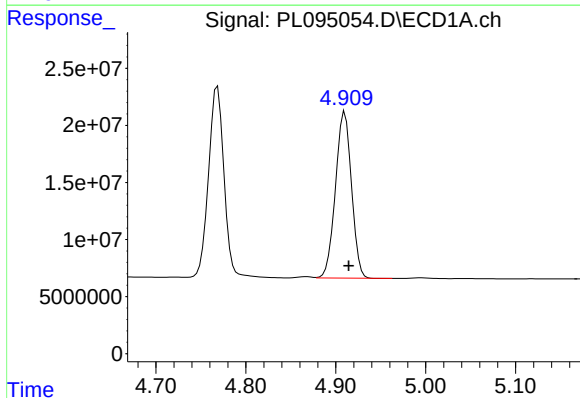
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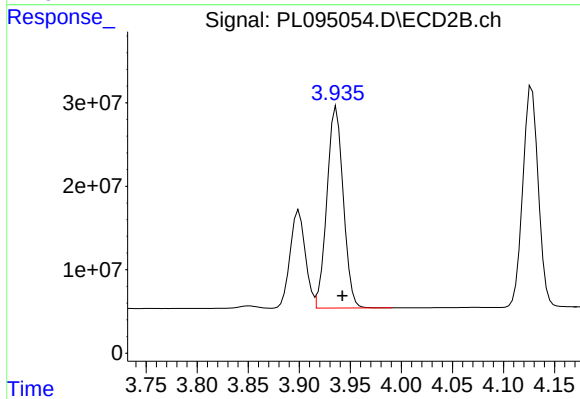
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 281094479
Conc: 54.69 ng/ml m



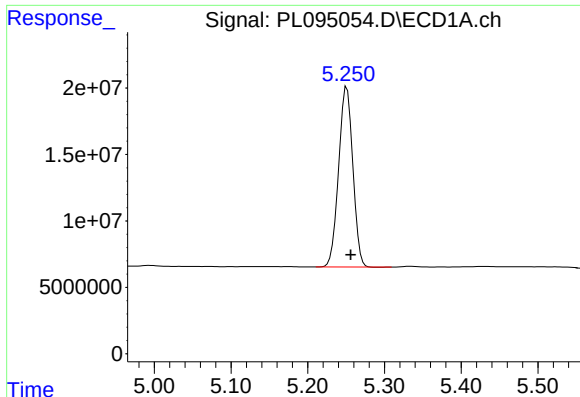
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 180520889
Conc: 46.51 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 268693892
Conc: 51.00 ng/ml



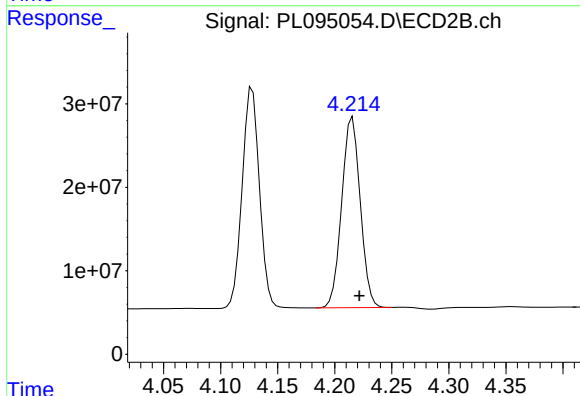
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 174817626
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

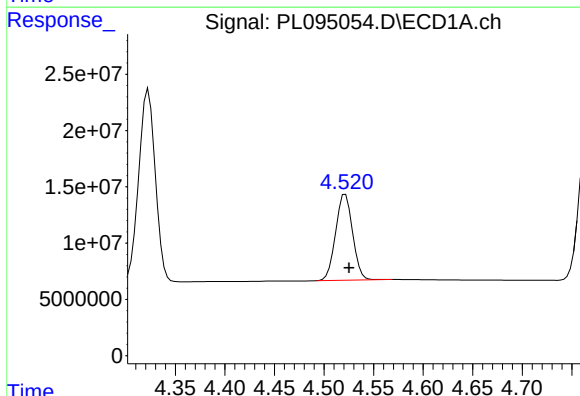
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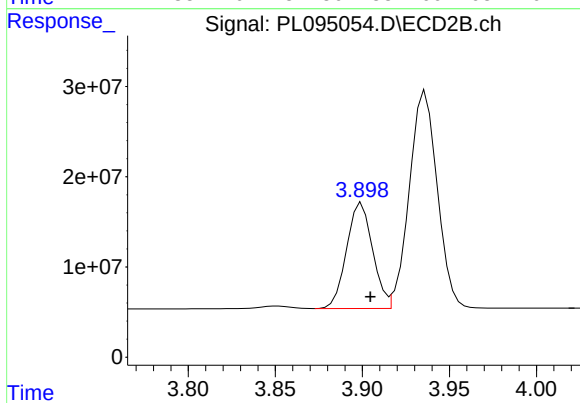
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 258389640
Conc: 52.99 ng/ml



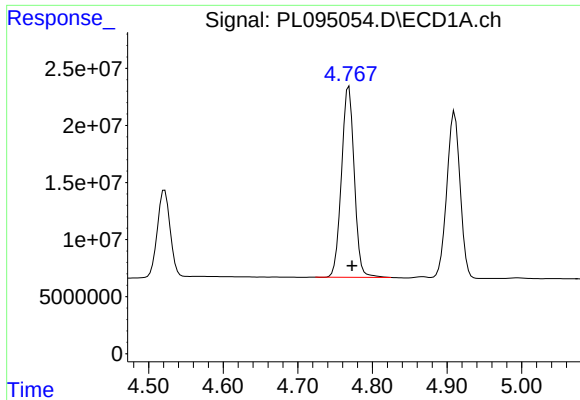
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 91211505
Conc: 49.43 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 121771456
Conc: 54.82 ng/ml



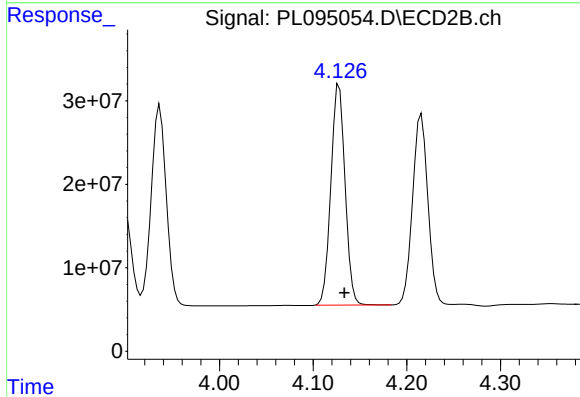
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 198846246
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

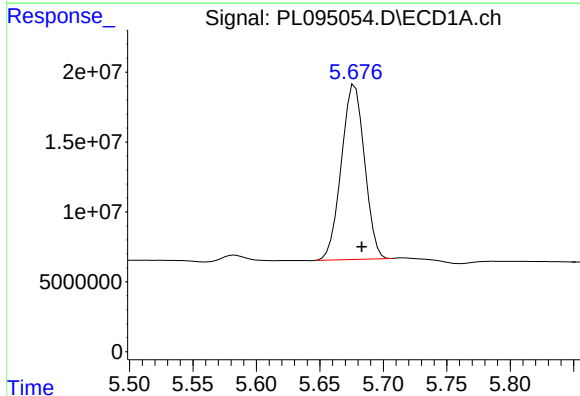
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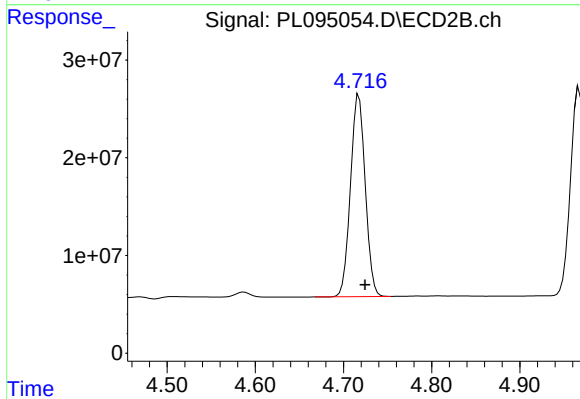
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 278815060
Conc: 55.74 ng/ml



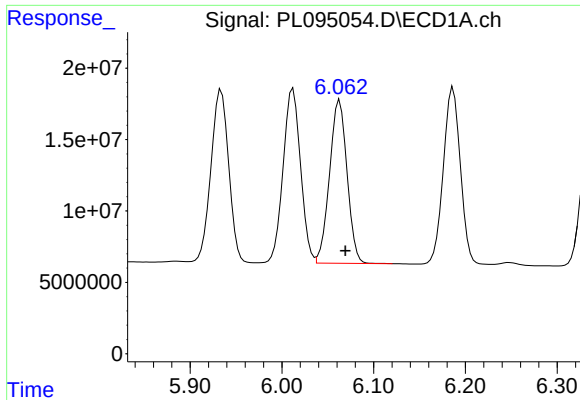
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.006 min
Response: 158886018
Conc: 47.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 240433963
Conc: 52.51 ng/ml



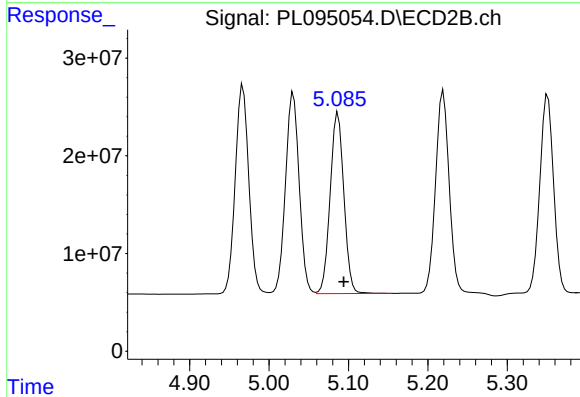
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 151996101
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

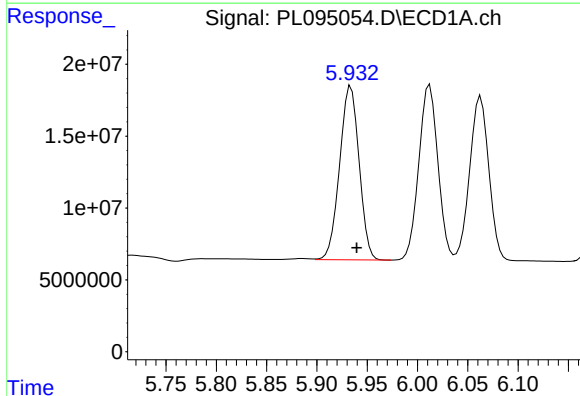
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Supervised By :mohammad ahmed 04/09/2025



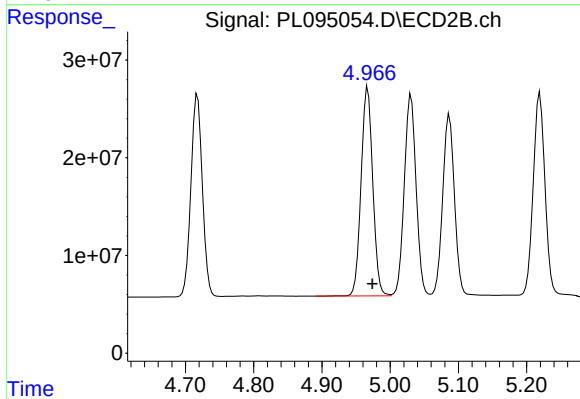
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 221543795
Conc: 50.48 ng/ml



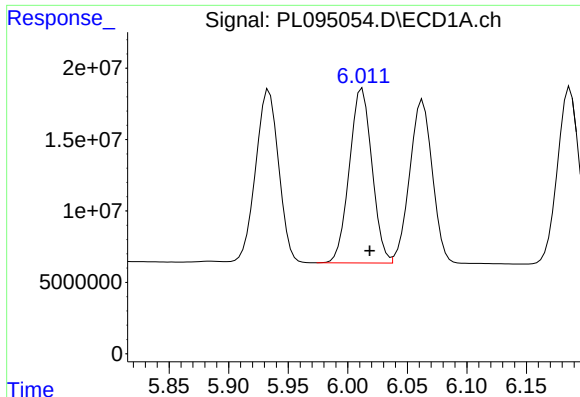
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 162822146
Conc: 48.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 253916066
Conc: 52.59 ng/ml



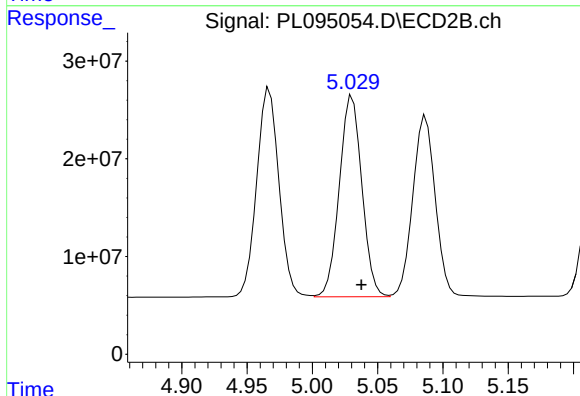
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.006 min
Response: 161718935
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

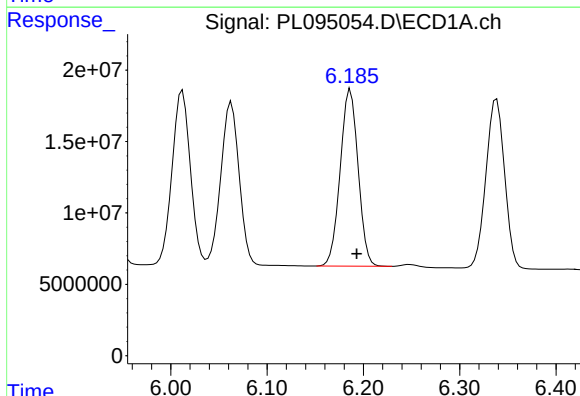
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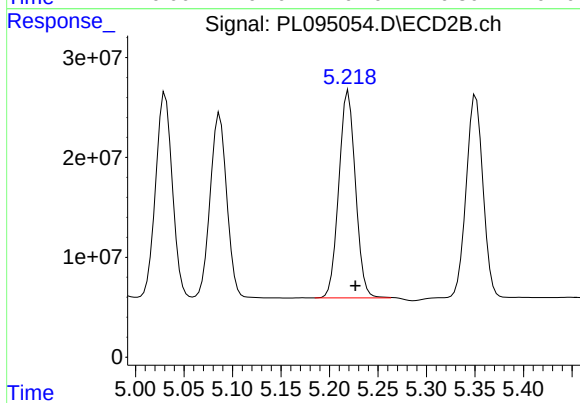
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.007 min
Response: 247372817
Conc: 51.83 ng/ml



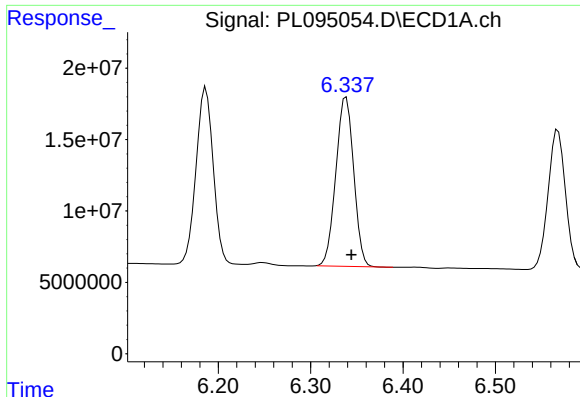
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 159476905
Conc: 54.21 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.009 min
Response: 247059722
Conc: 53.15 ng/ml m



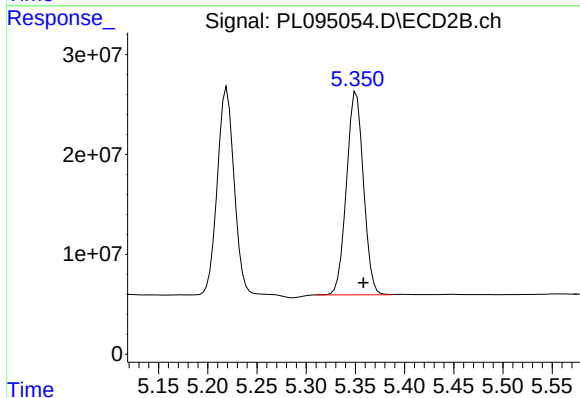
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 158893340
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

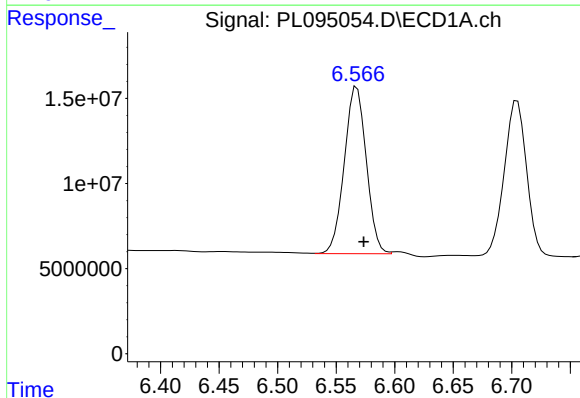
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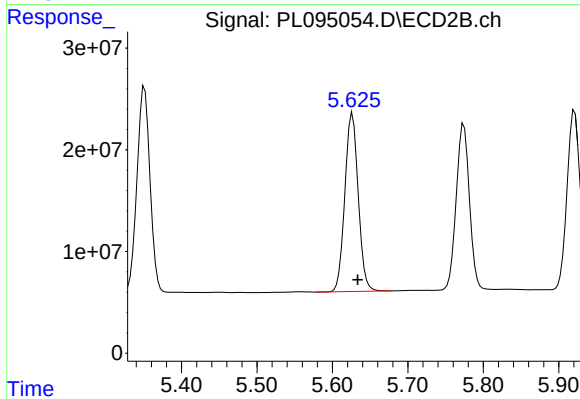
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.009 min
Response: 244113095
Conc: 50.31 ng/ml m



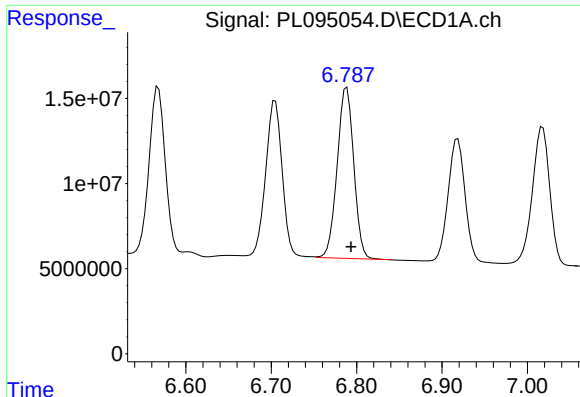
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 128410251
Conc: 46.32 ng/ml m



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 215928521
Conc: 49.48 ng/ml



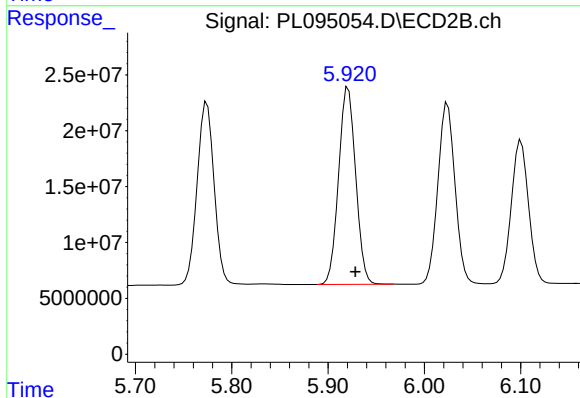
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 135809318
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

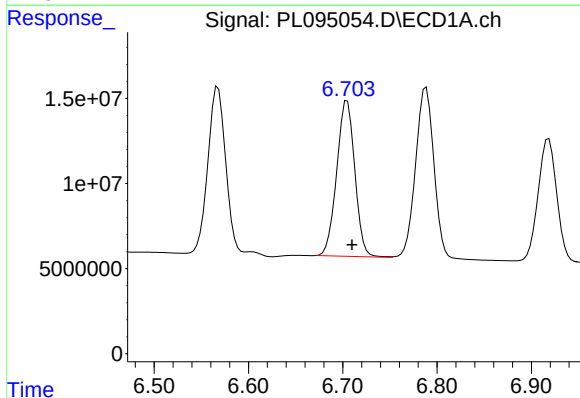
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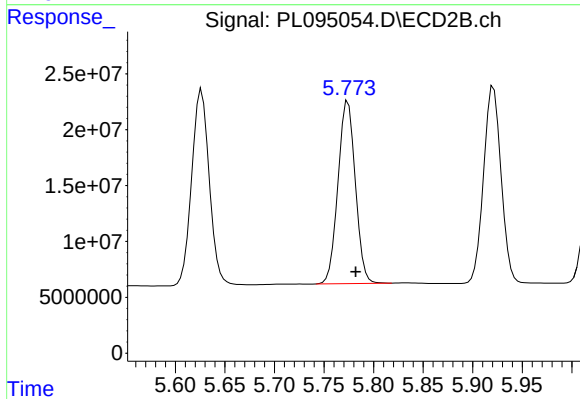
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.009 min
Response: 217106423
Conc: 50.16 ng/ml m



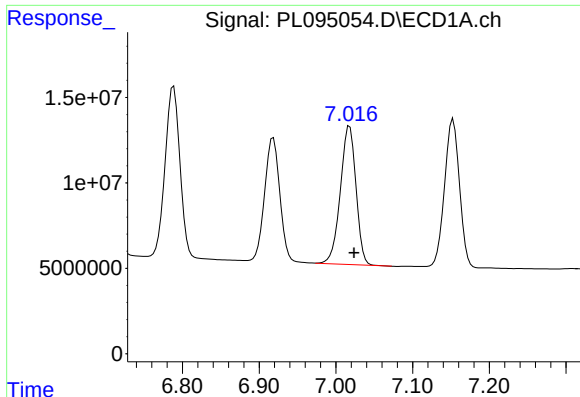
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 122238282
Conc: 56.43 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 198949895
Conc: 55.33 ng/ml



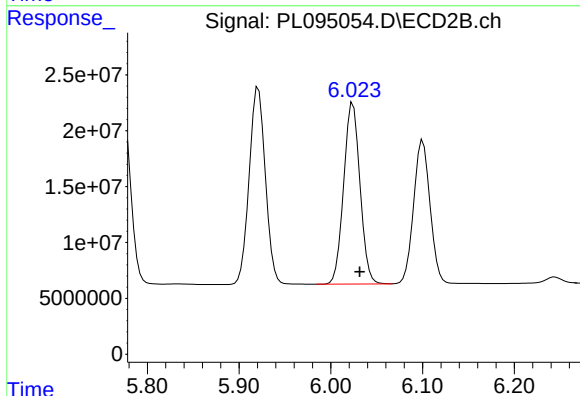
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 115100195
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

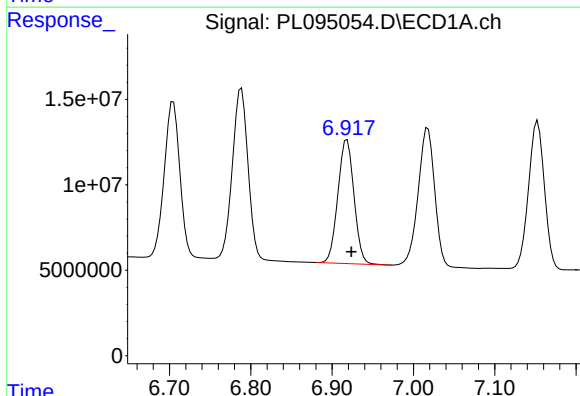
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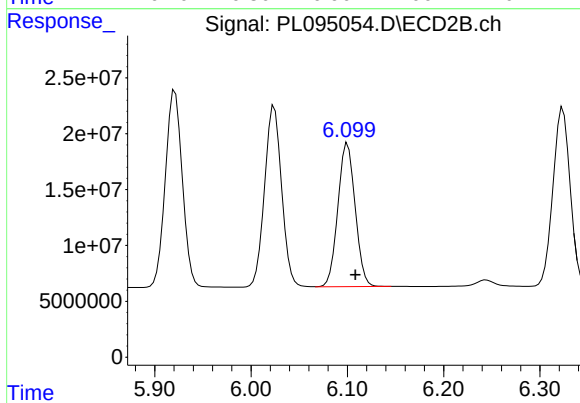
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.007 min
Response: 200285947
Conc: 49.67 ng/ml



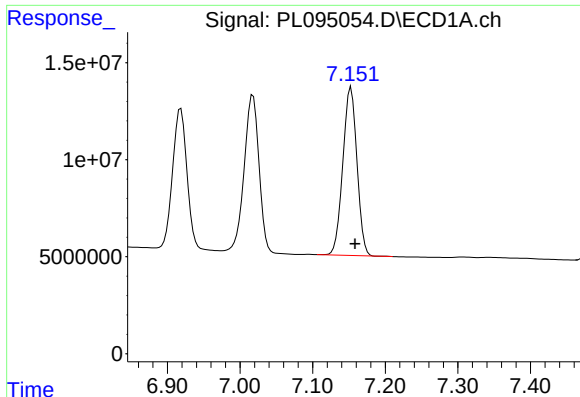
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.005 min
Response: 99873363
Conc: 47.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 159950846
Conc: 47.53 ng/ml



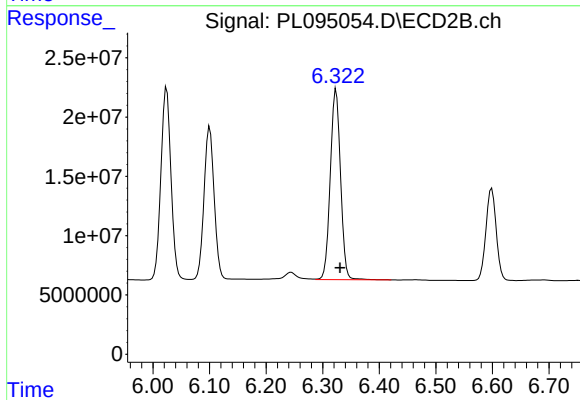
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 117073365
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

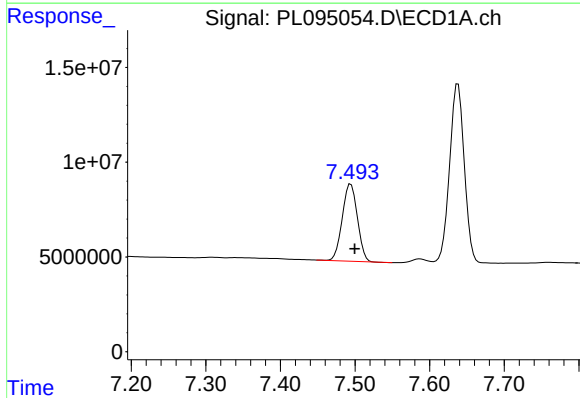
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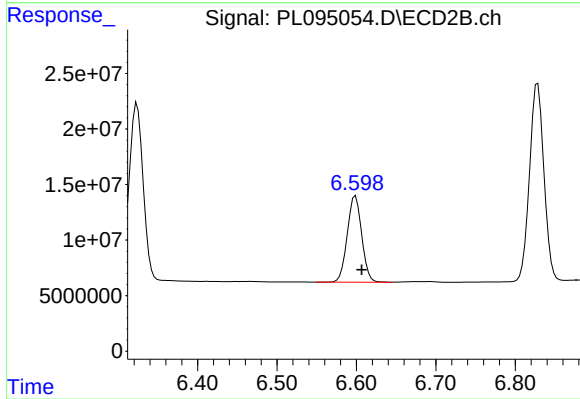
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: -0.007 min
Response: 202061588
Conc: 49.60 ng/ml



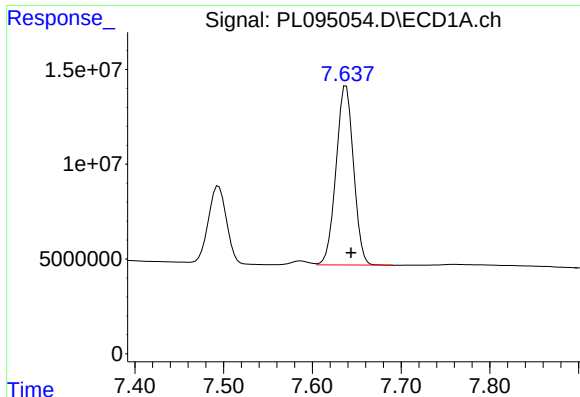
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.005 min
Response: 57079470
Conc: 47.68 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 98143112
Conc: 46.27 ng/ml



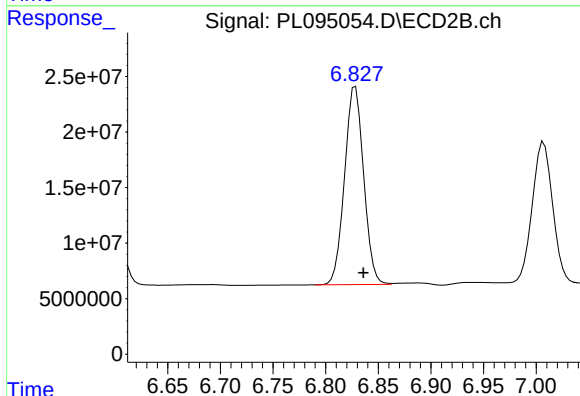
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 129536965
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

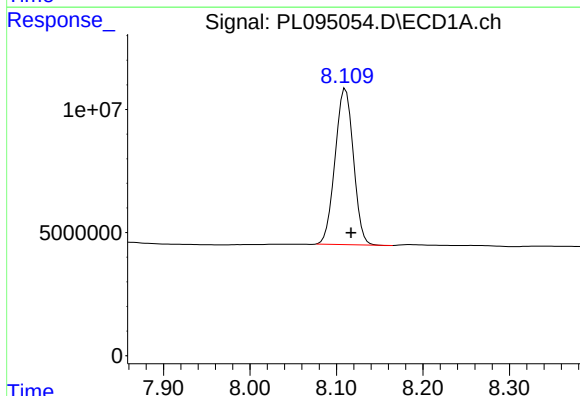
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025



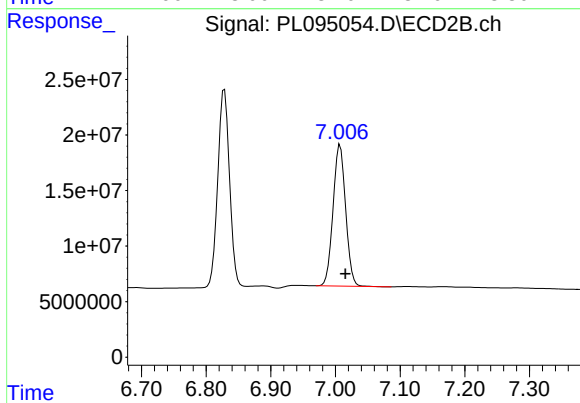
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 226401621
Conc: 47.44 ng/ml m



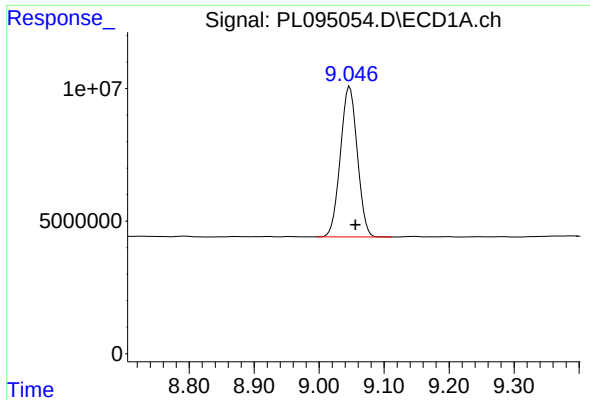
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 92399694
Conc: 44.72 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.009 min
Response: 171725031
Conc: 45.25 ng/ml



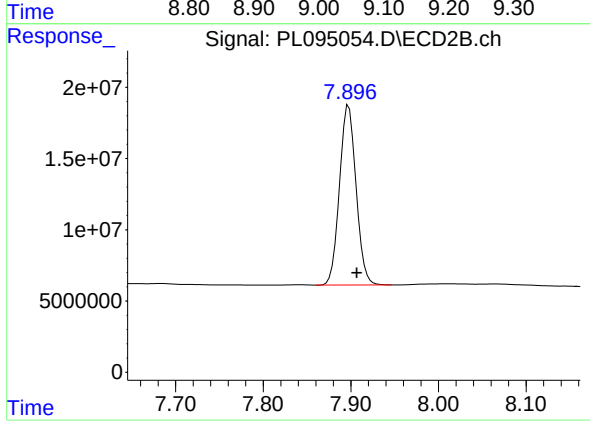
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 102689340
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 166053077
Conc: 41.11 ng/ml