

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
 Data File : PL095029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 10:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/04/2025
 Supervised By : mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 02:34:18 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...	3.537	2.770	143.3E6	193.3E6	50.608	54.156
28)	SA Decachlor...	9.053	7.902	116.7E6	207.0E6	55.394	51.248
Target Compounds							
2)	A alpha-BHC	3.993	3.272	210.2E6	296.9E6	50.634	55.061
3)	MA gamma-BHC...	4.326	3.602	202.3E6	280.6E6	50.688	54.588
4)	MA Heptachlor	4.914	3.939	192.4E6	278.7E6	49.564	52.900
5)	MB Aldrin	5.255	4.219	183.4E6	261.6E6	49.663	53.654
6)	B beta-BHC	4.525	3.902	91830788	121.9E6	49.767	54.898
7)	B delta-BHC	4.772	4.130	200.7E6	279.8E6	51.539	55.930
8)	B Heptachlo...	5.682	4.721	166.4E6	242.6E6	49.745	52.996
9)	A Endosulfan I	6.068	5.091	157.5E6	217.6E6	51.297	49.575
10)	B gamma-Chl...	5.939	4.971	170.3E6	257.8E6	50.535	53.382
11)	B alpha-Chl...	6.017	5.034	168.7E6	252.8E6	51.173	52.959
12)	B 4,4'-DDE	6.190	5.221	166.3E6	259.3E6	56.527	55.786m
13)	MA Dieldrin	6.343	5.353	165.5E6	259.2E6	51.734	53.430m
14)	MA Endrin	6.571	5.631	137.3E6	232.2E6	49.520m	53.202
15)	B Endosulfa...	6.793	5.925	140.7E6	229.3E6	51.815	52.986
16)	A 4,4'-DDD	6.709	5.778	126.6E6	208.8E6	58.458	58.075
17)	MA 4,4'-DDT	7.021	6.028	133.0E6	226.5E6	55.914	56.180
18)	B Endrin al...	6.923	6.104	109.9E6	174.6E6	52.056	51.881
19)	B Endosulfa...	7.157	6.327	124.9E6	216.8E6	51.343	53.218
20)	A Methoxychlor	7.499	6.603	67770276	119.7E6	56.613	56.427
21)	B Endrin ke...	7.642	6.831	139.1E6	263.9E6	52.635	55.290m
22)	Mirex	8.114	7.012	100.7E6	193.6E6	48.733	51.008

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
Data File : PL095029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2025 10:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

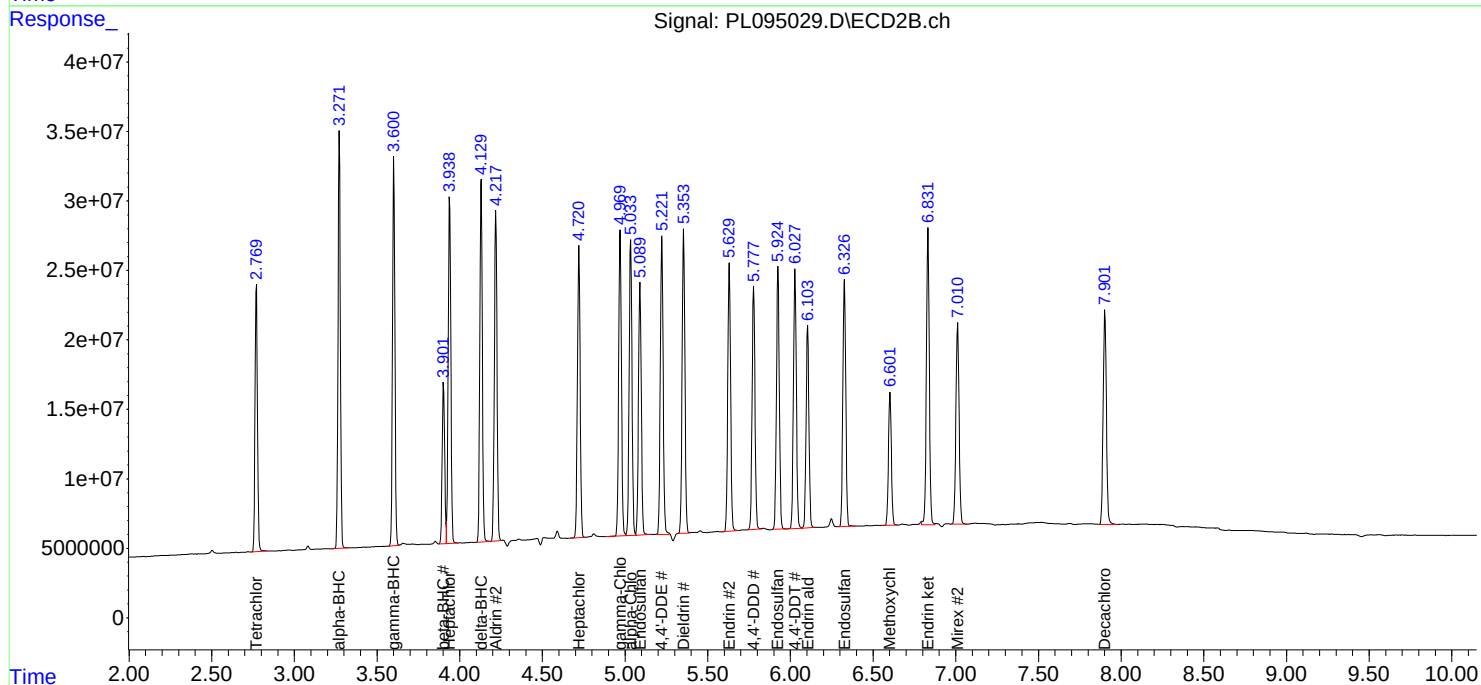
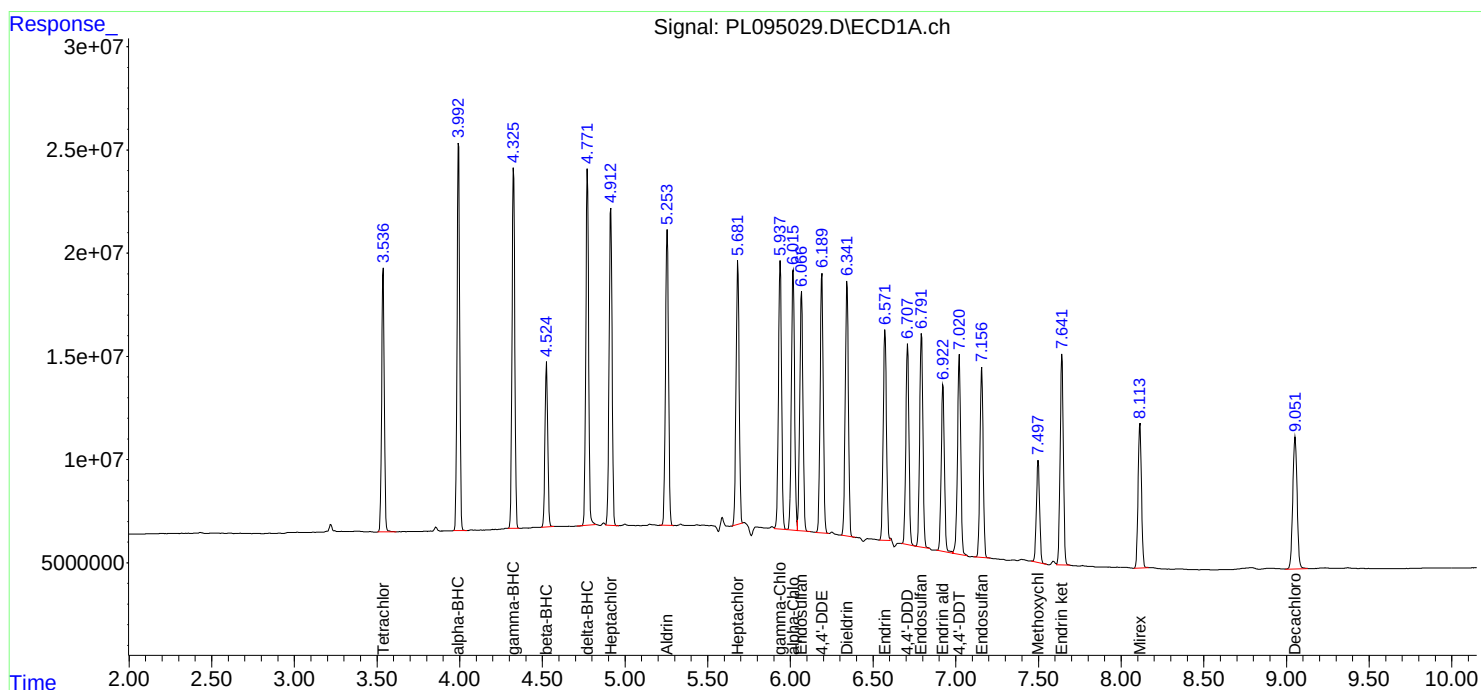
APPROVED

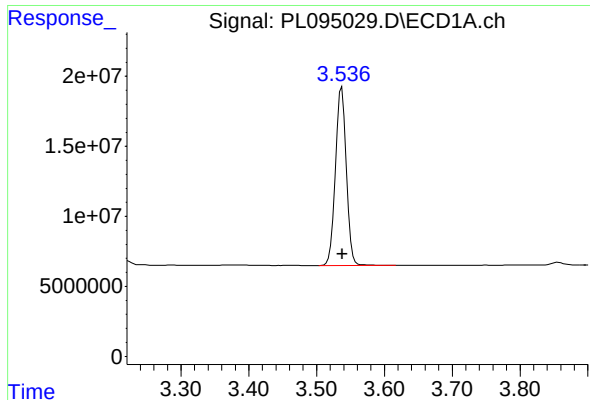
Reviewed By :Abdul Mirza 04/04/2025

Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 02:34:18 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





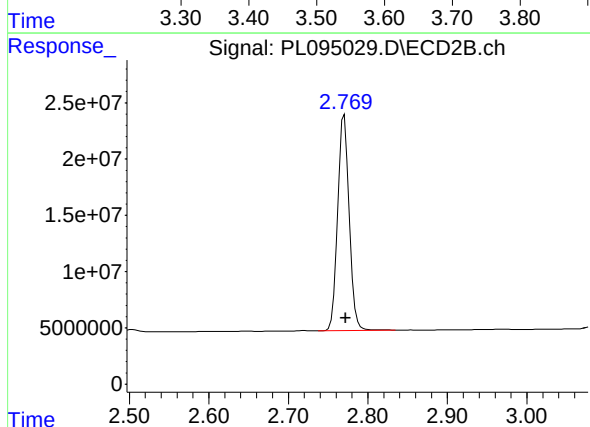
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 143254824
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

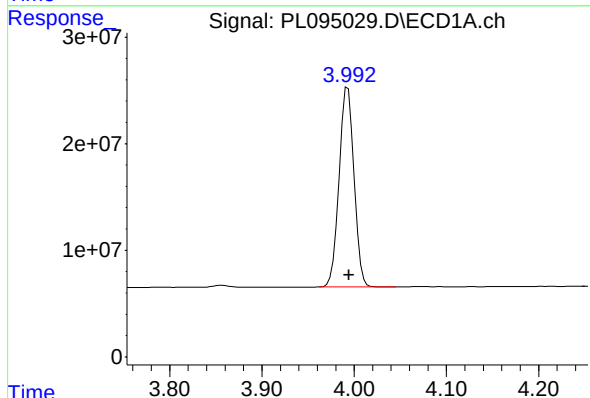
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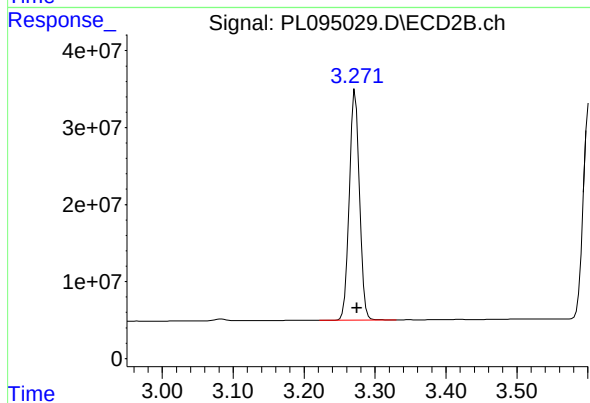
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 193298553
Conc: 54.16 ng/ml



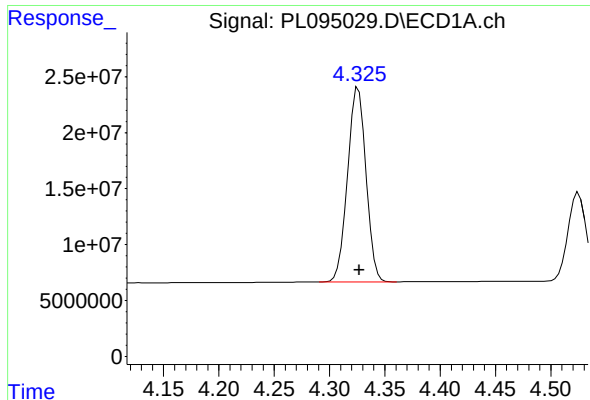
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 210247967
Conc: 50.63 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 296855785
Conc: 55.06 ng/ml



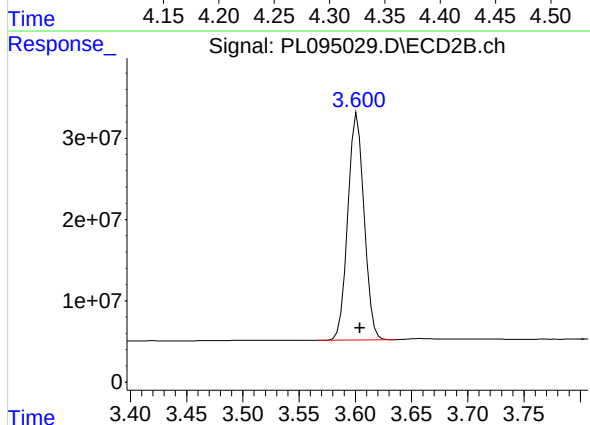
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 202258568
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

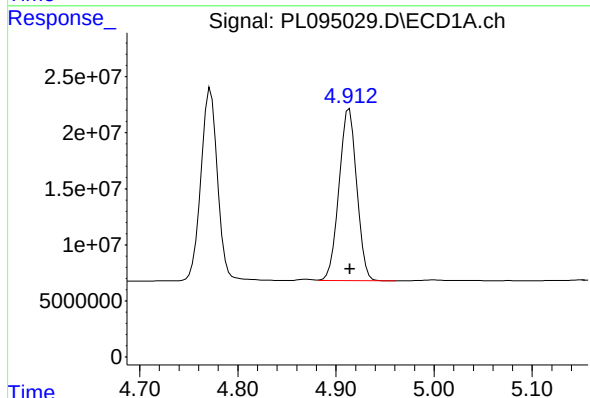
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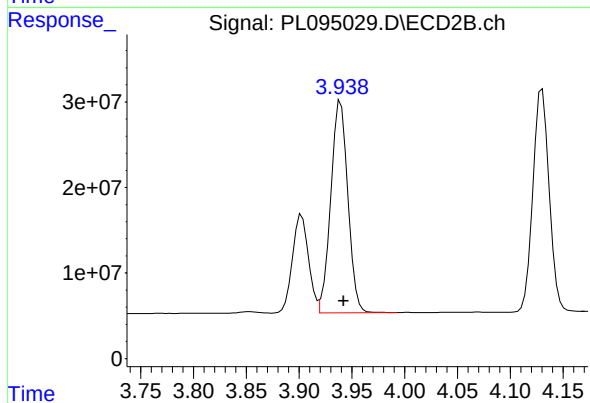
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 280550881
Conc: 54.59 ng/ml



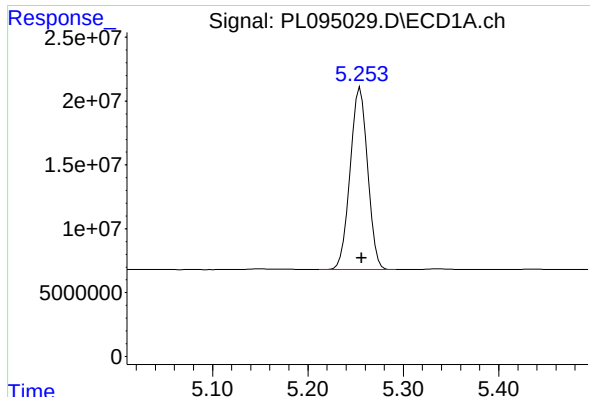
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 192387656
Conc: 49.56 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 278713813
Conc: 52.90 ng/ml



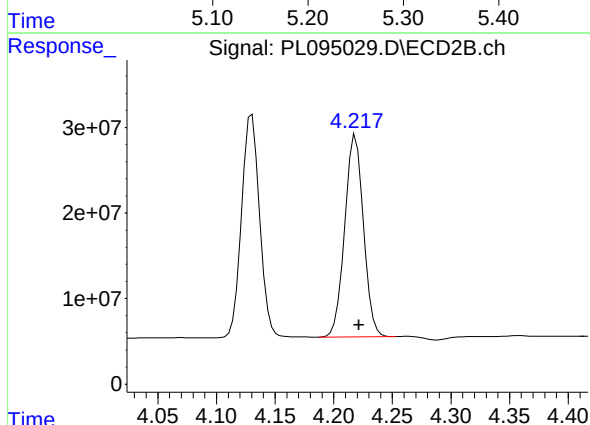
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 183367560
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

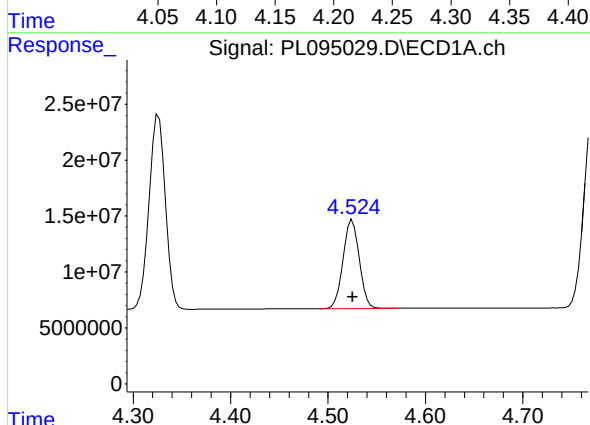
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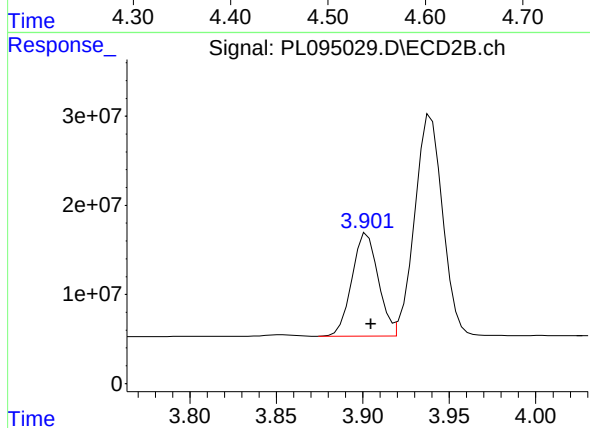
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 261636768
Conc: 53.65 ng/ml



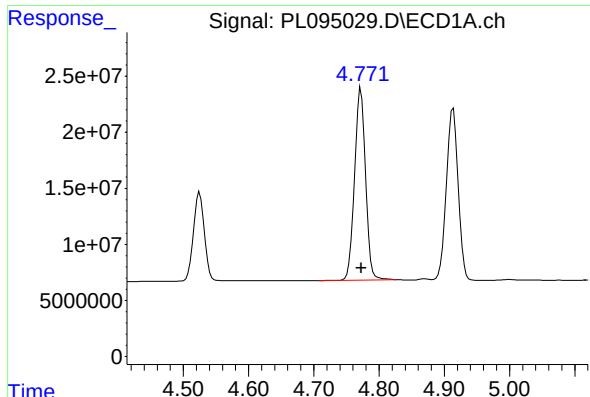
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 91830788
Conc: 49.77 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 121944208
Conc: 54.90 ng/ml



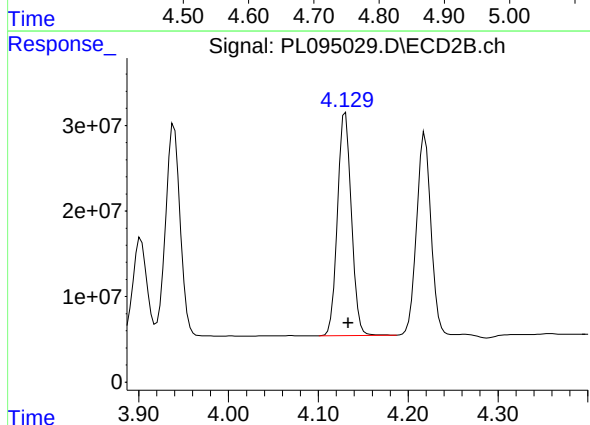
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 200708371
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

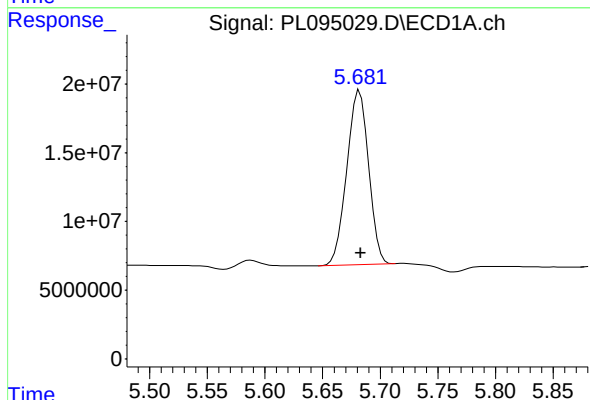
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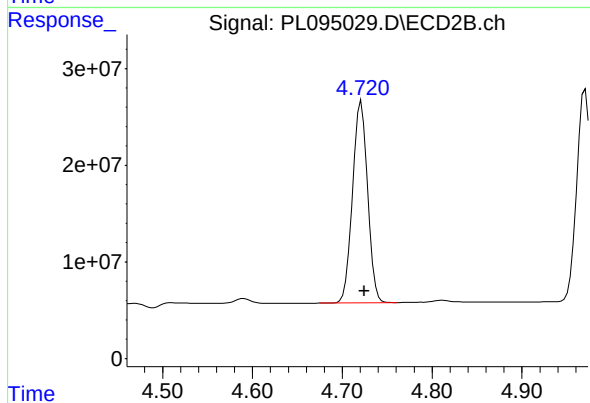
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 279761692
Conc: 55.93 ng/ml



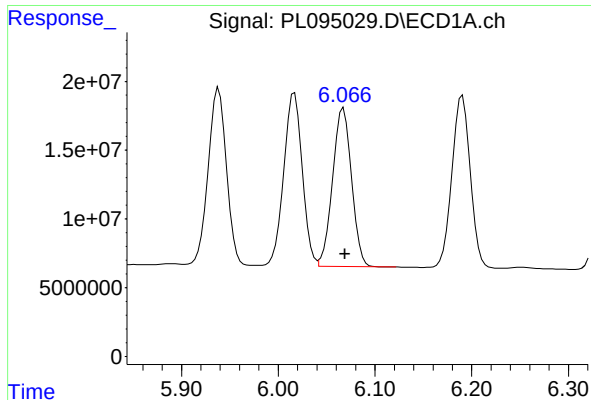
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 166407872
Conc: 49.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 242645189
Conc: 53.00 ng/ml



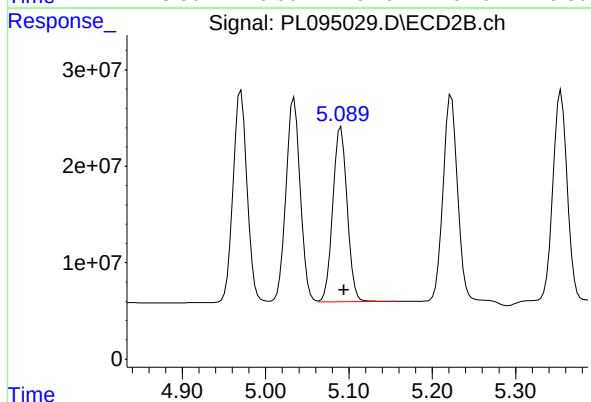
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 157493793
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

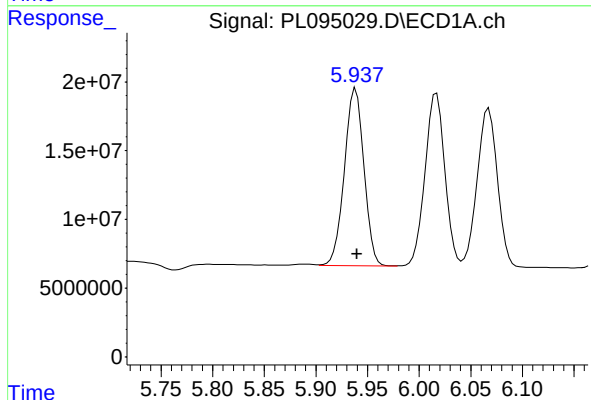
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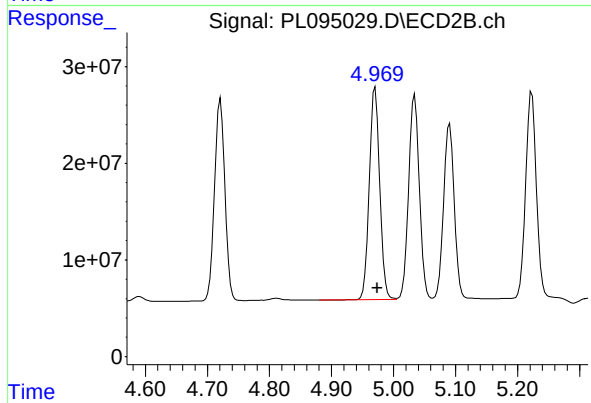
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 217573524
Conc: 49.58 ng/ml



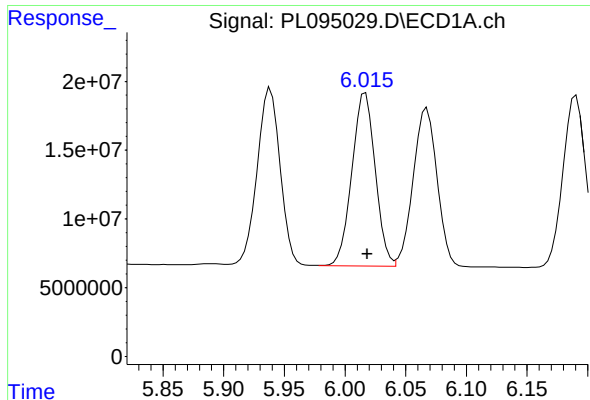
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 170272503
Conc: 50.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 257752727
Conc: 53.38 ng/ml



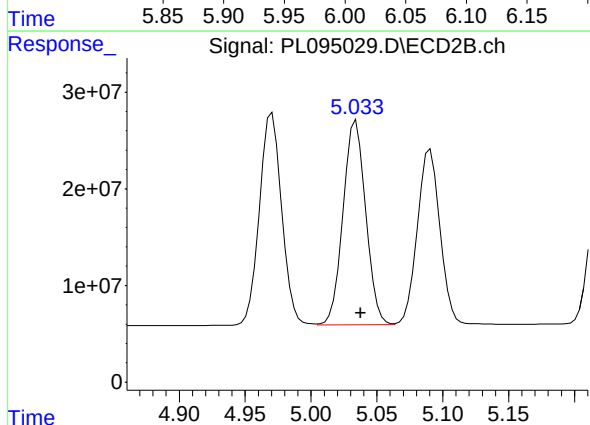
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 168708885
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

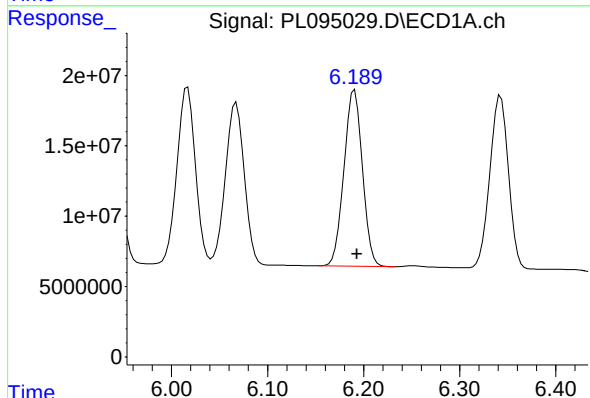
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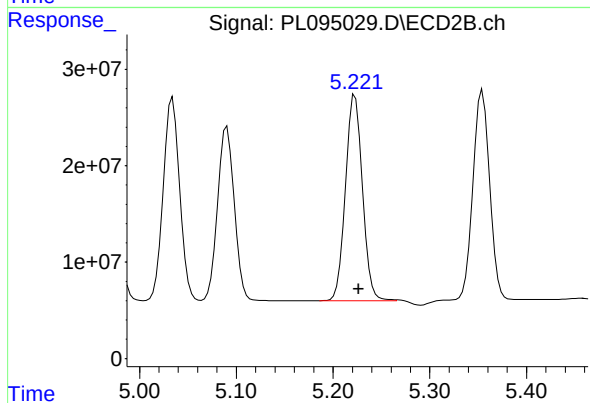
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 252762688
Conc: 52.96 ng/ml



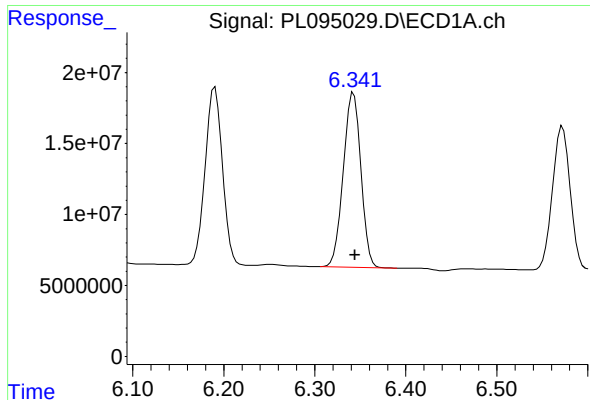
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 166305938
Conc: 56.53 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.005 min
Response: 259323952
Conc: 55.79 ng/ml m



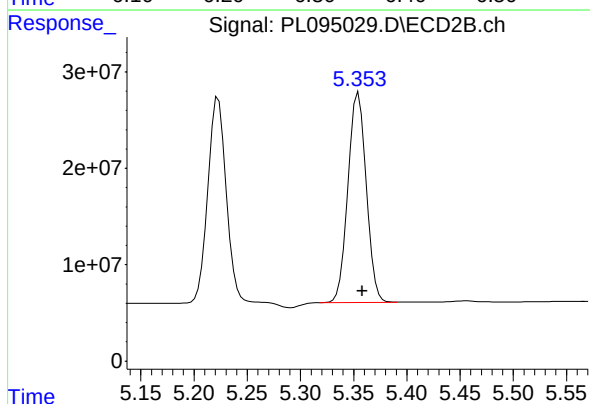
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 165453383
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

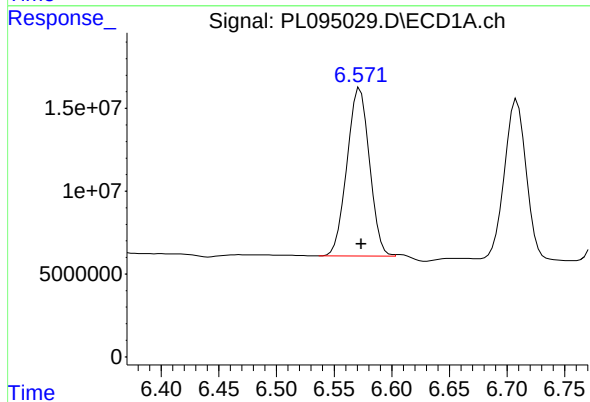
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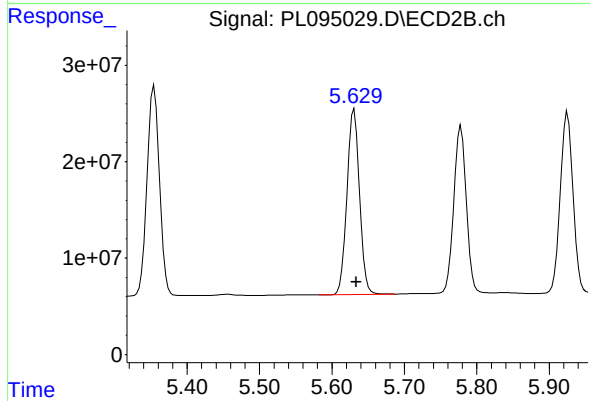
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 259233836
Conc: 53.43 ng/ml



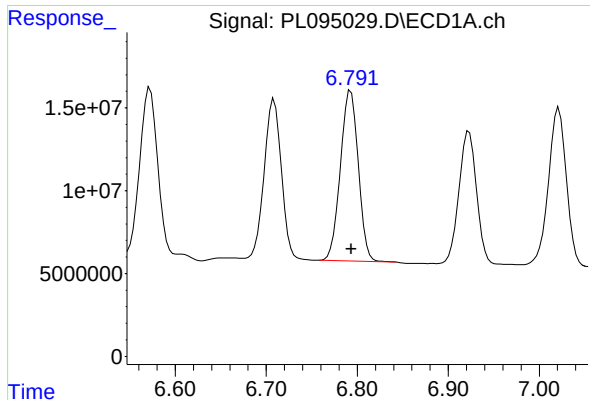
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 137274222
Conc: 49.52 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 232156797
Conc: 53.20 ng/ml



#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 140665650
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 04/05/2025

#15 Endosulfan II

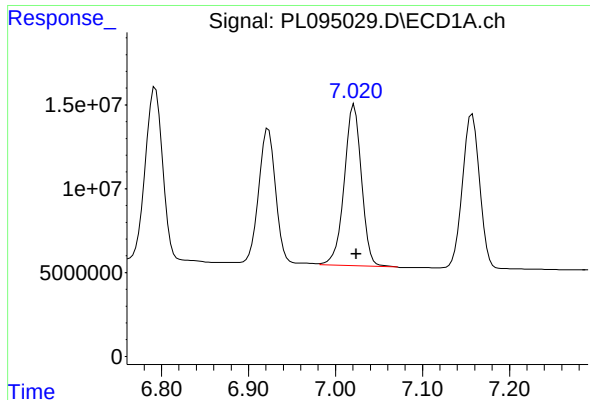
R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 229339113
Conc: 52.99 ng/ml

#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 126624462
Conc: 58.46 ng/ml

#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 208830325
Conc: 58.07 ng/ml



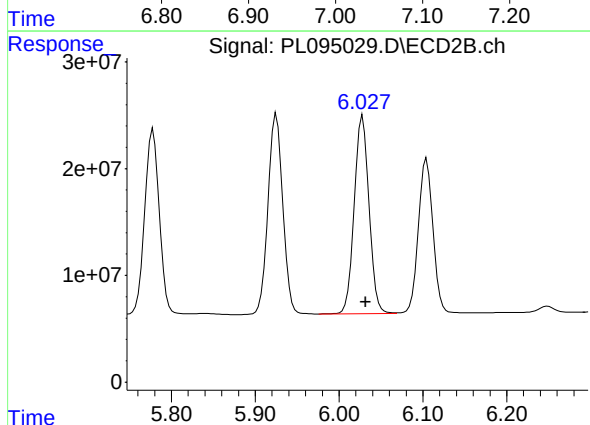
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 132993728
Conc: 55.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

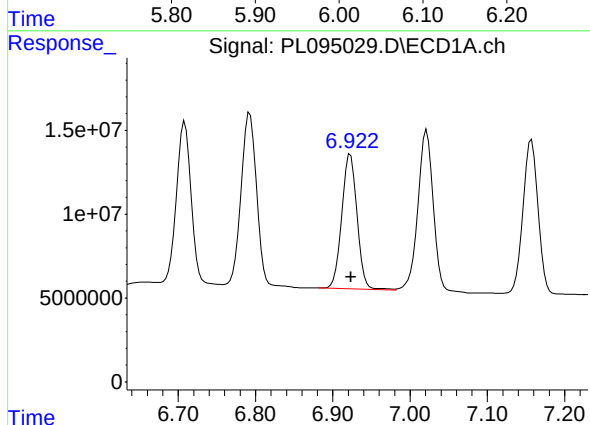
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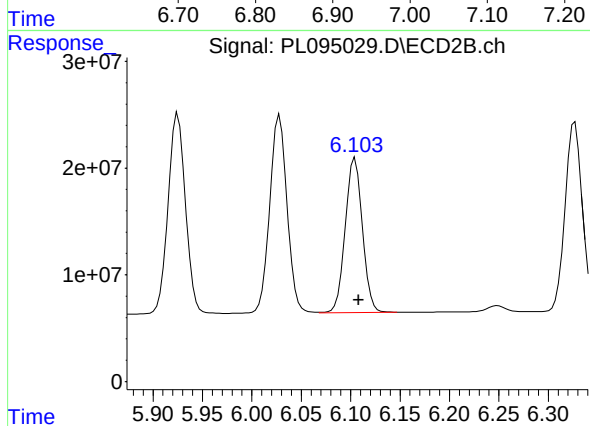
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 226525367
Conc: 56.18 ng/ml



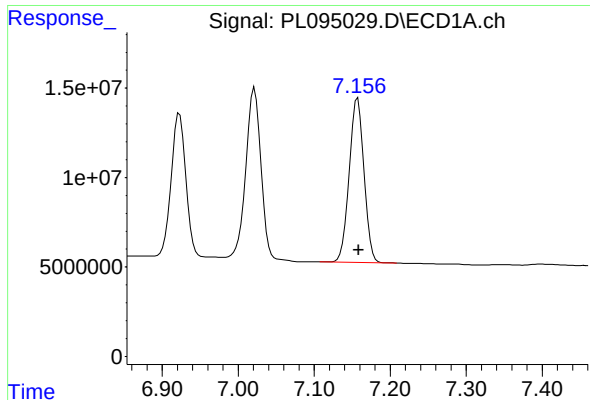
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 109889577
Conc: 52.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 174600260
Conc: 51.88 ng/ml



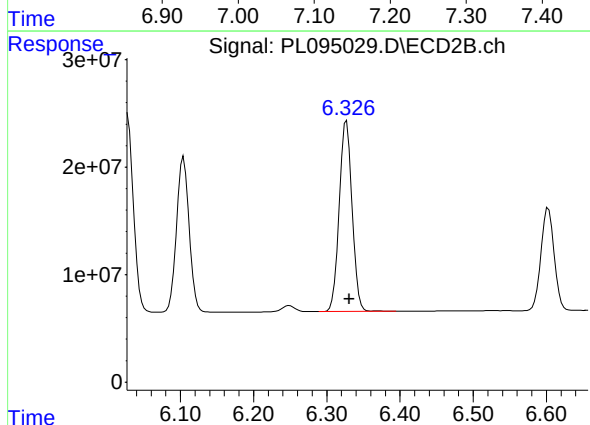
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 124868331
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

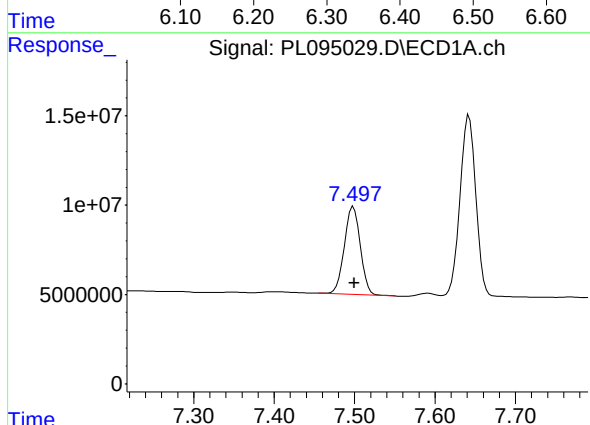
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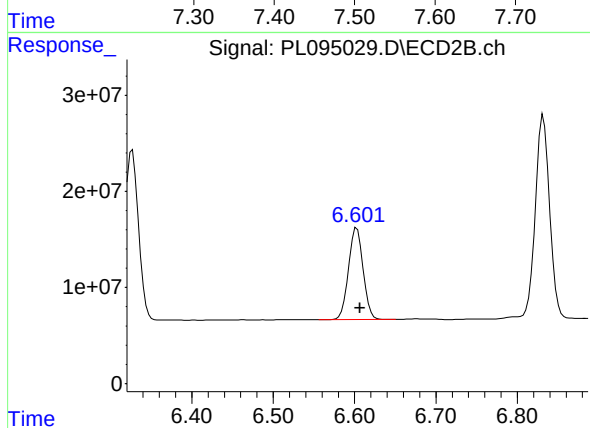
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 216780734
Conc: 53.22 ng/ml



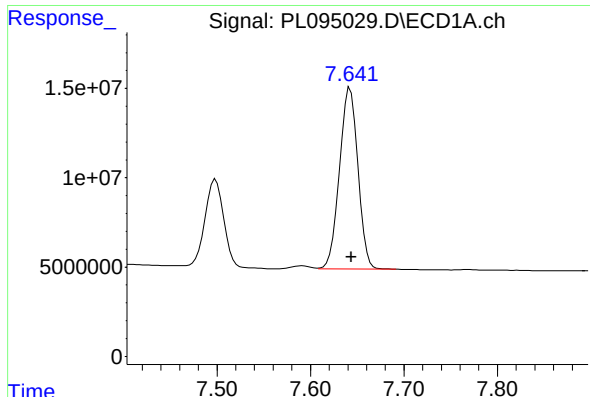
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 67770276
Conc: 56.61 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 119685315
Conc: 56.43 ng/ml



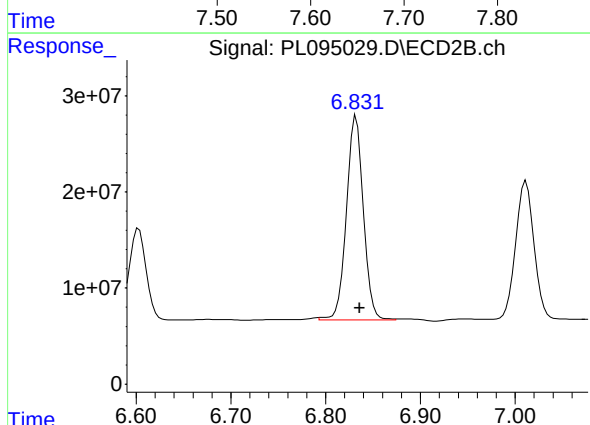
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 139127859
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

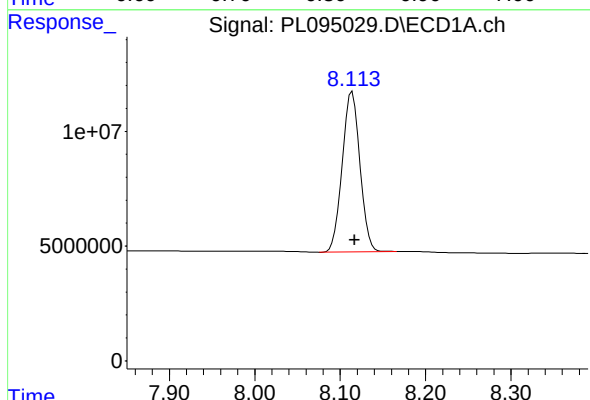
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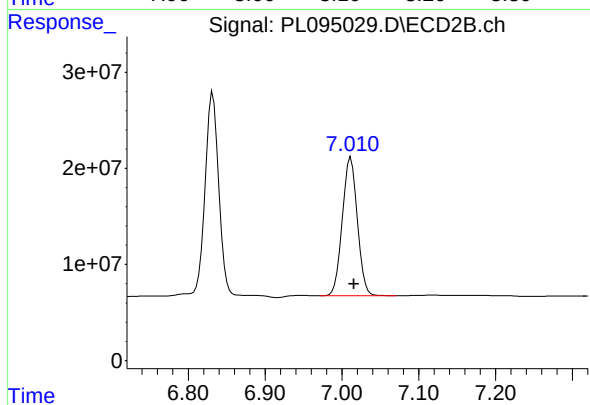
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 263878082
Conc: 55.29 ng/ml



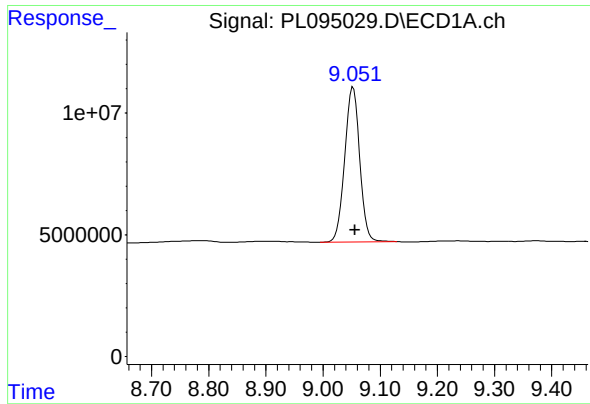
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 100696692
Conc: 48.73 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 193589562
Conc: 51.01 ng/ml



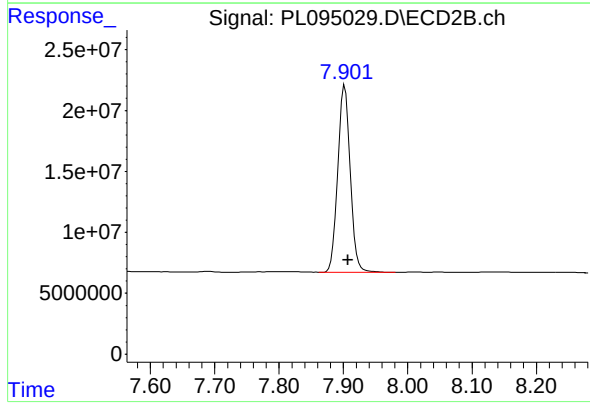
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 116740423
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 207010972
Conc: 51.25 ng/ml