

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 13:30
 Operator : AR\AJ
 Sample : Q1730-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-VSL-15-040325MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/09/2025
 Supervised By : mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:41:15 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...	3.533	2.768	47756695	61086936	16.871m	17.115
28) SA Decachlor...	9.050	7.900	41113030	71161215	19.508	17.617
Target Compounds						
2) A alpha-BHC	3.991	3.269	185.9E6	275.4E6	44.762	51.082
3) MA gamma-BHC...	4.324	3.599	177.8E6	254.1E6	44.555	49.441
4) MA Heptachlor	4.911	3.936	172.1E6	252.1E6	44.345	47.845
5) MB Aldrin	5.253	4.215	164.5E6	231.7E6	44.559	47.514
6) B beta-BHC	4.523	3.899	82395706	110.5E6	44.654	49.744
7) B delta-BHC	4.769	4.127	173.6E6	233.4E6	44.584	46.667
8) B Heptachlo...	5.679	4.718	151.4E6	218.5E6	45.264	47.716
9) A Endosulfan I	6.065	5.088	146.9E6	205.9E6	47.834	46.918
10) B gamma-Chl...	5.936	4.968	156.6E6	231.8E6	46.487	48.001
11) B alpha-Chl...	6.015	5.031	156.2E6	227.2E6	47.378	47.600
12) B 4,4'-DDE	6.189	5.220	155.2E6	236.0E6	52.745	50.767
13) MA Dieldrin	6.340	5.350	156.0E6	231.1E6	48.776	47.633m
14) MA Endrin	6.569	5.626	134.8E6	220.0E6	48.613m	50.425m
15) B Endosulfa...	6.791	5.923	135.6E6	209.5E6	49.946	48.402
16) A 4,4'-DDD	6.706	5.774	119.4E6	185.0E6	55.125m	51.440m
17) MA 4,4'-DDT	7.020	6.025	125.2E6	208.1E6	52.657	51.622
18) B Endrin al...	6.921	6.102	101.4E6	160.1E6	48.027	47.570
19) B Endosulfa...	7.156	6.325	120.4E6	201.2E6	49.505	49.392
20) A Methoxychlor	7.498	6.599	66177433	114.3E6	55.283	53.908m
21) B Endrin ke...	7.641	6.830	134.0E6	246.2E6	50.680	51.580
22) Mirex	8.113	7.010	96682930	183.7E6	46.791	48.391

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 13:30
 Operator : AR\AJ
 Sample : Q1730-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

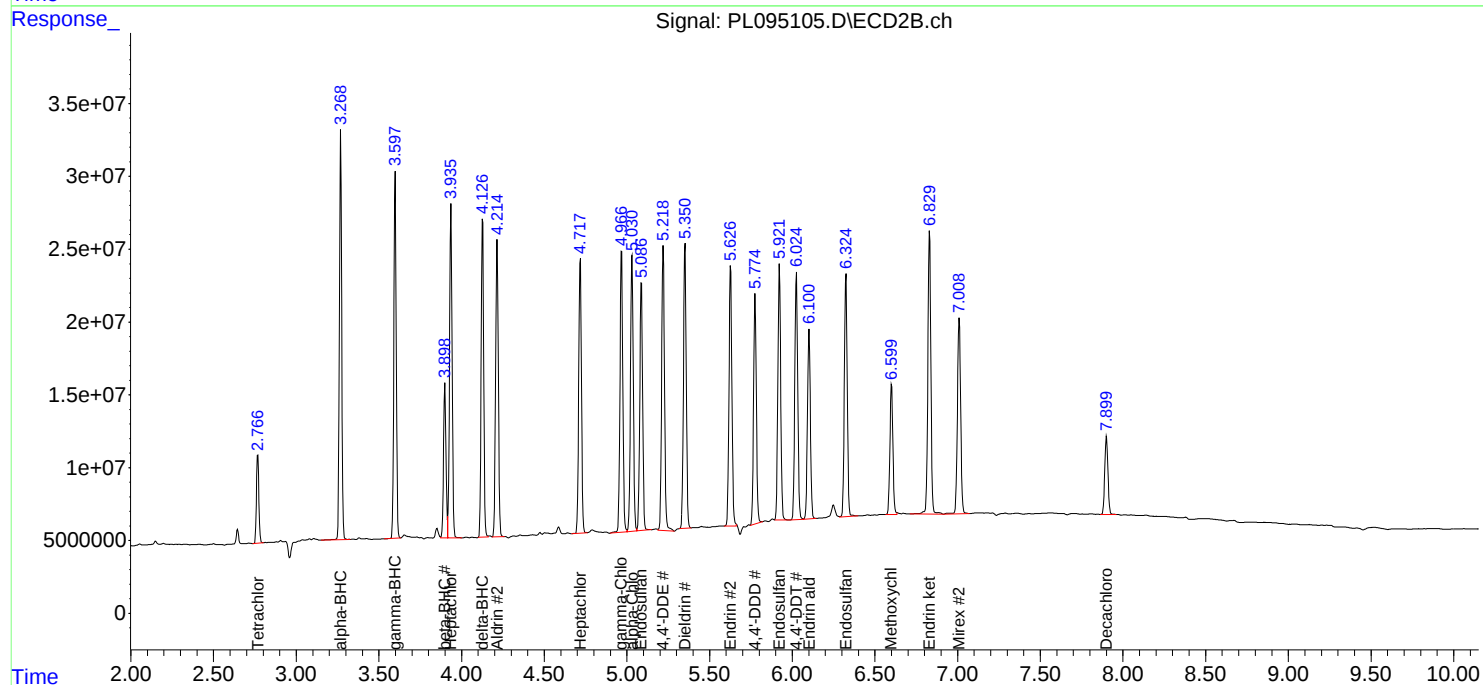
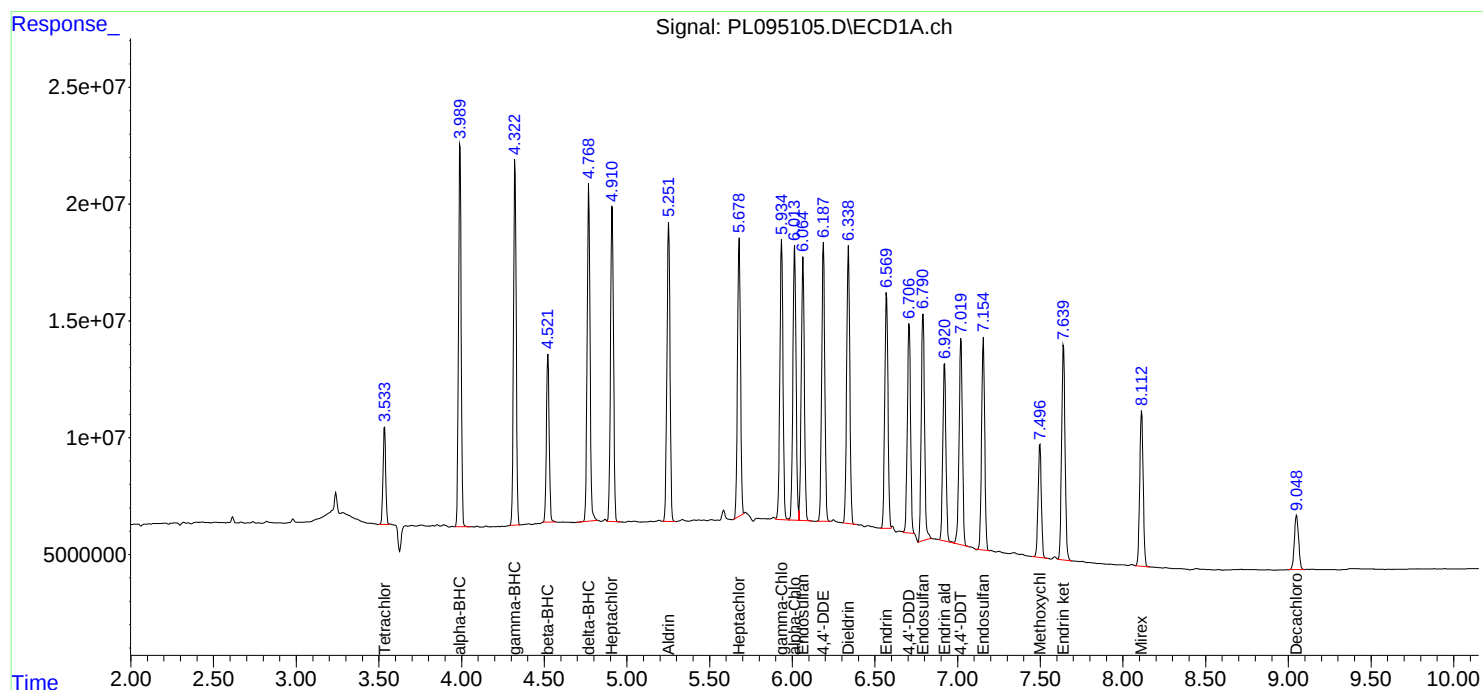
Instrument :
 ECD_L
 ClientSampleId :
 OU4-VSL-15-040325MS

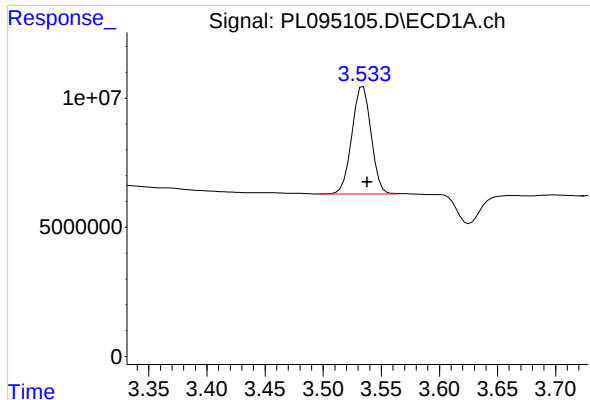
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:41:15 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
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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





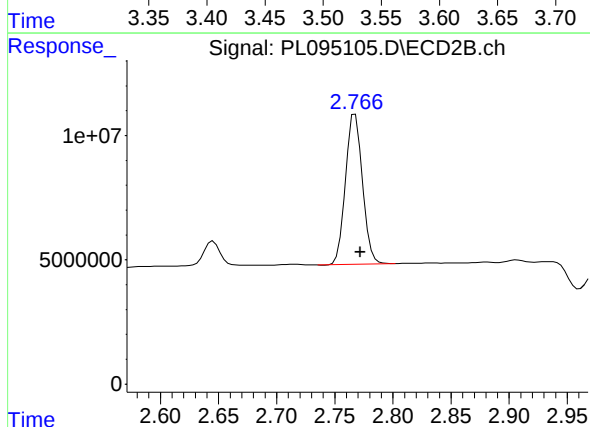
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 47756695
Conc: 16.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

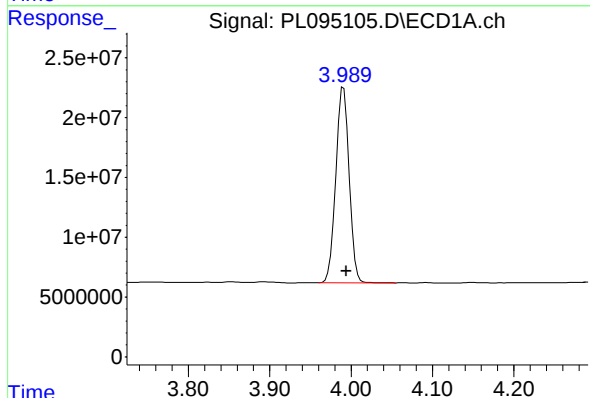
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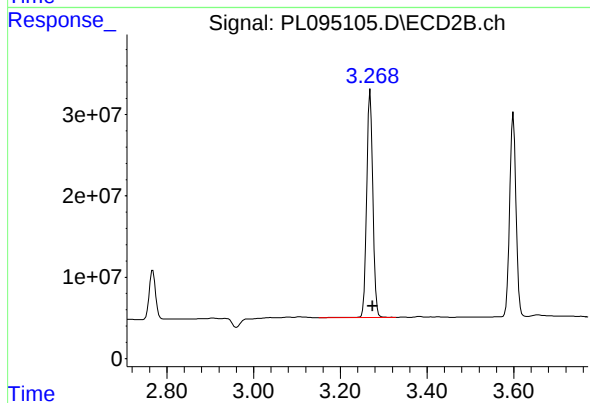
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 61086936
Conc: 17.11 ng/ml



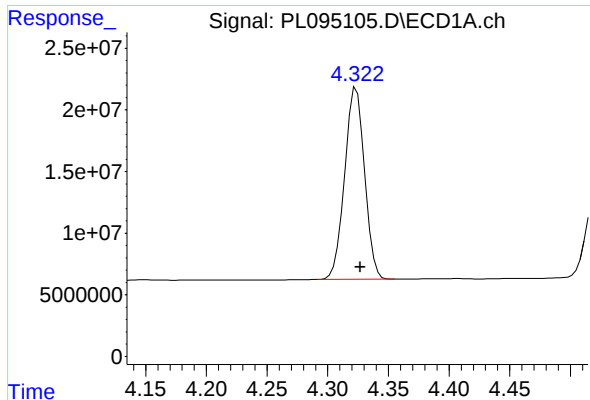
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 185866284
Conc: 44.76 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 275403013
Conc: 51.08 ng/ml



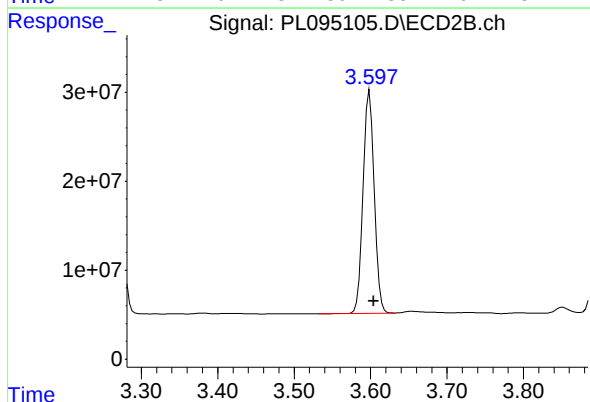
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 177787553
Conc: 44.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

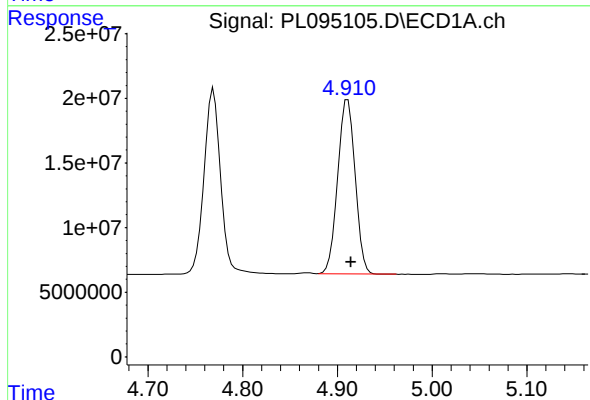
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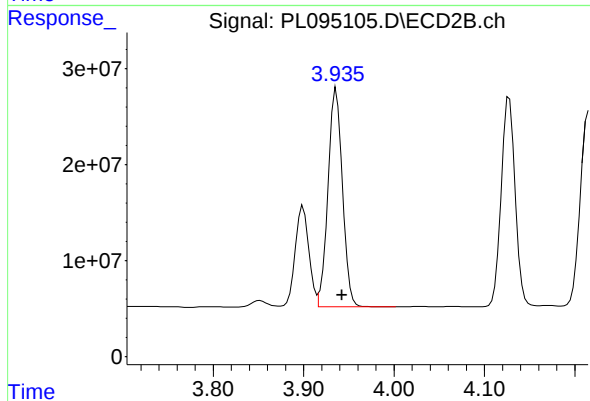
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 254098428
Conc: 49.44 ng/ml



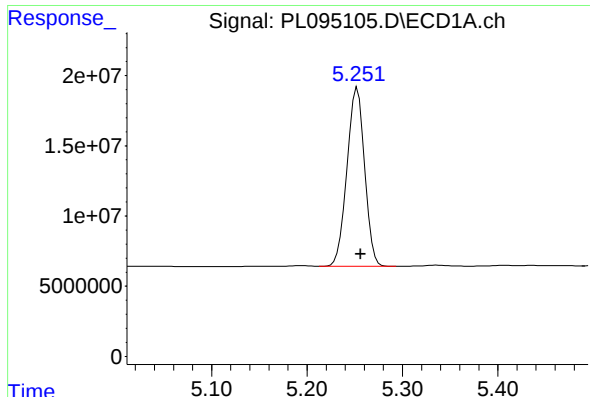
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 172129270
Conc: 44.34 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 252076787
Conc: 47.84 ng/ml



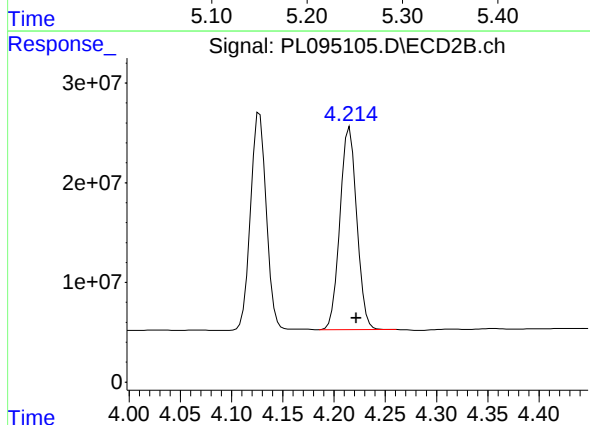
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 164523485
Conc: 44.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

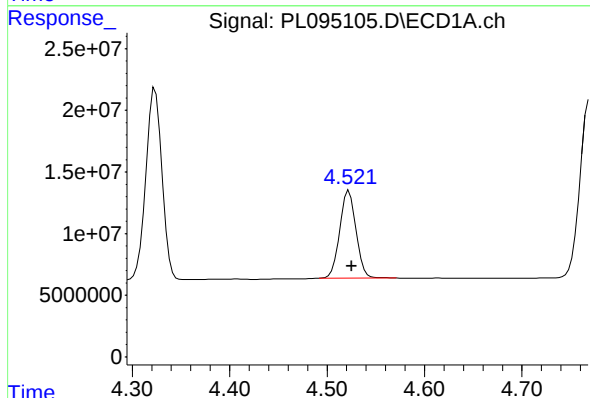
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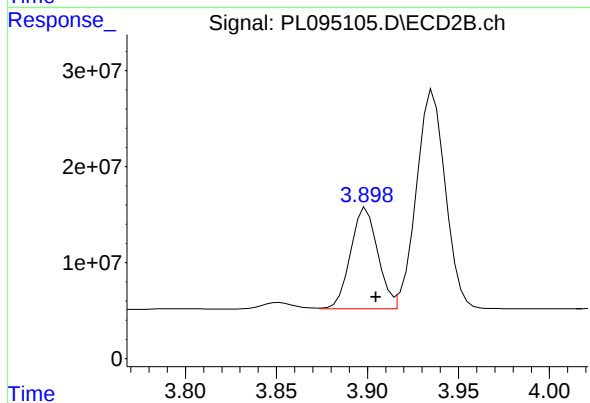
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.006 min
Response: 231695229
Conc: 47.51 ng/ml



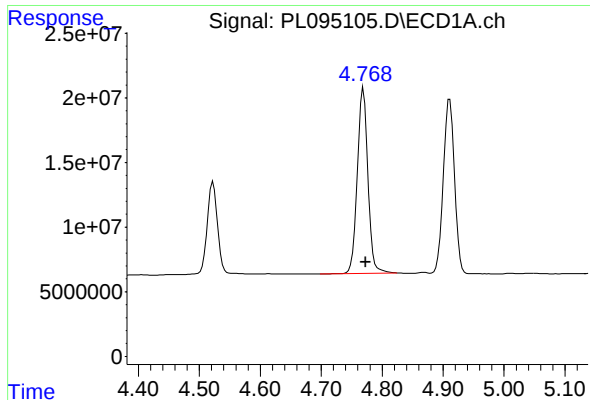
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 82395706
Conc: 44.65 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.005 min
Response: 110496375
Conc: 49.74 ng/ml



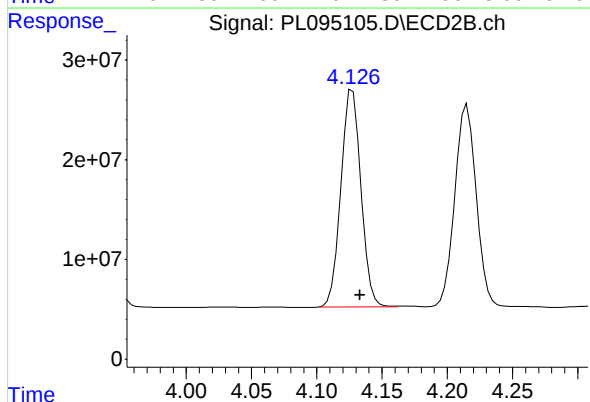
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 173623019
Conc: 44.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

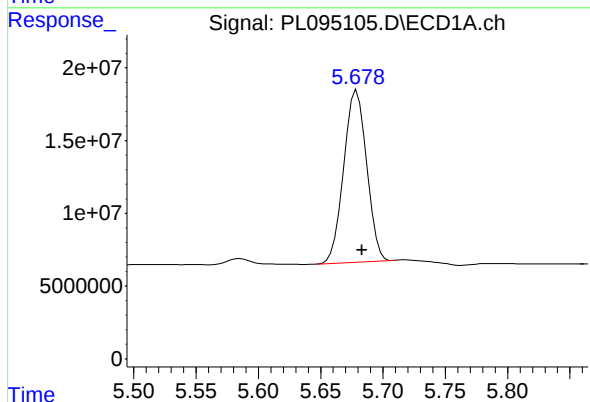
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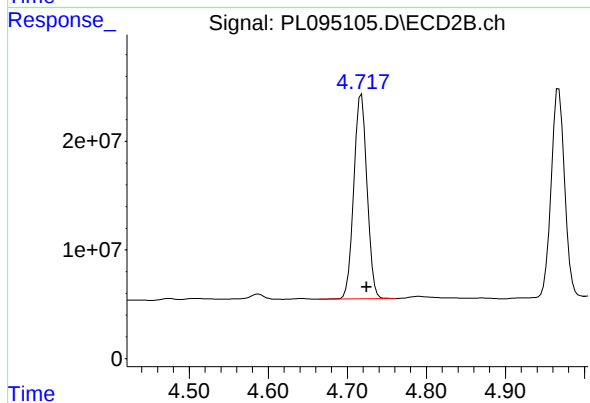
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 233428814
Conc: 46.67 ng/ml



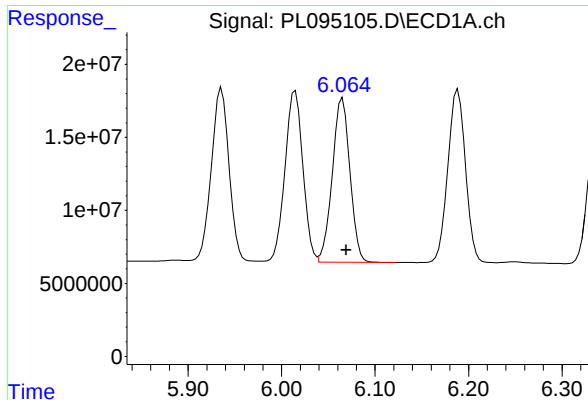
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 151415785
Conc: 45.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 218473304
Conc: 47.72 ng/ml



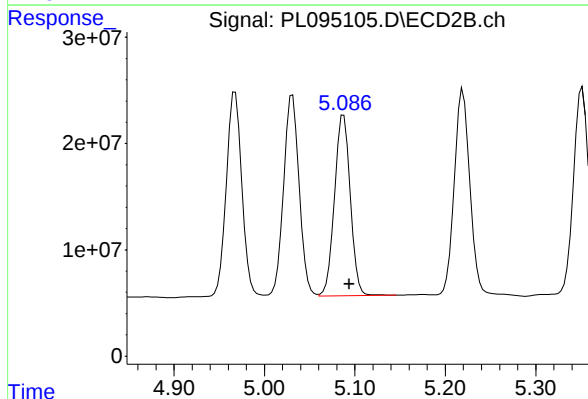
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 146859670
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

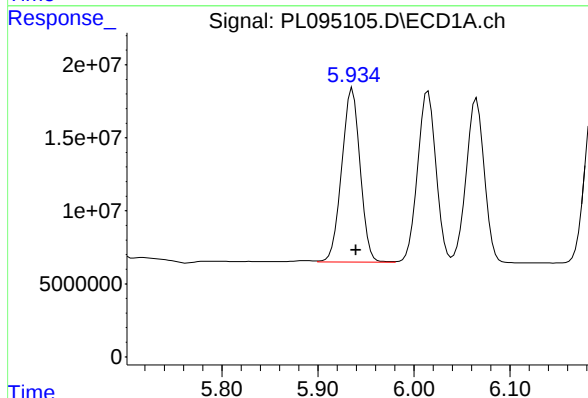
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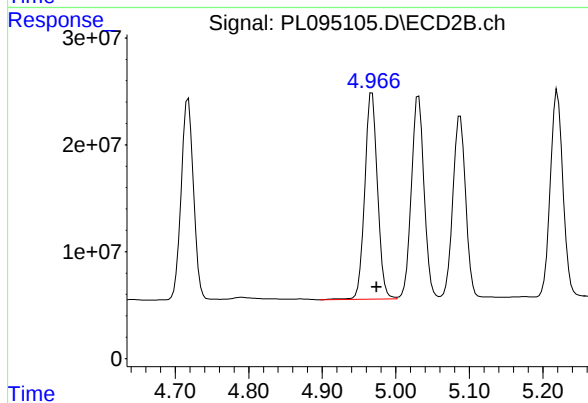
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 205909918
Conc: 46.92 ng/ml



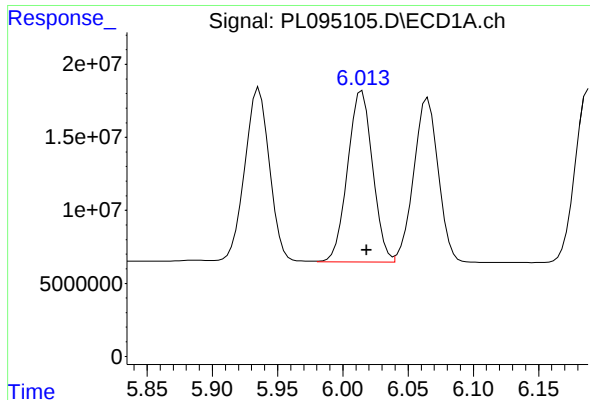
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 156632125
Conc: 46.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 231769879
Conc: 48.00 ng/ml



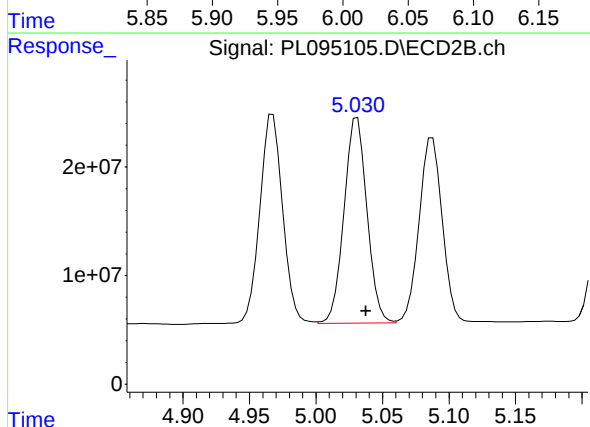
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 156197054
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

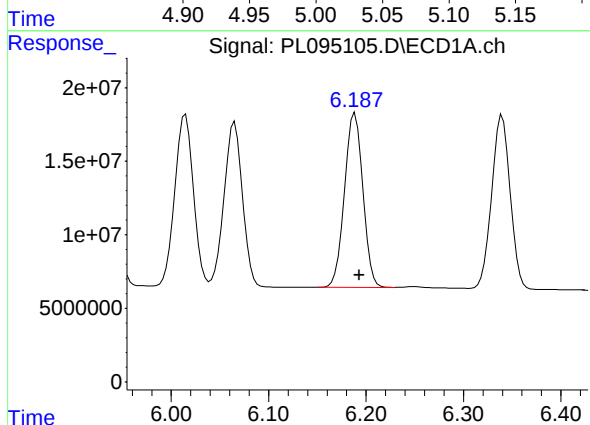
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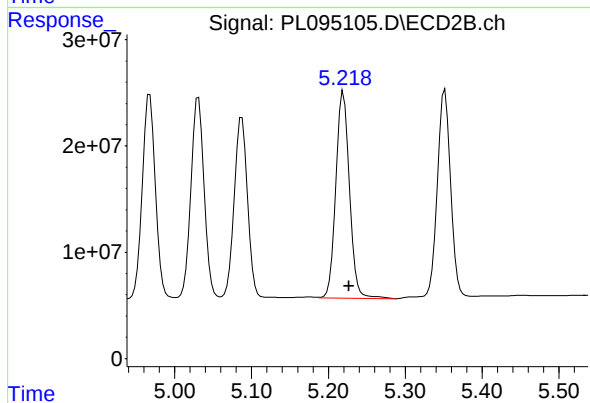
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.007 min
Response: 227182534
Conc: 47.60 ng/ml



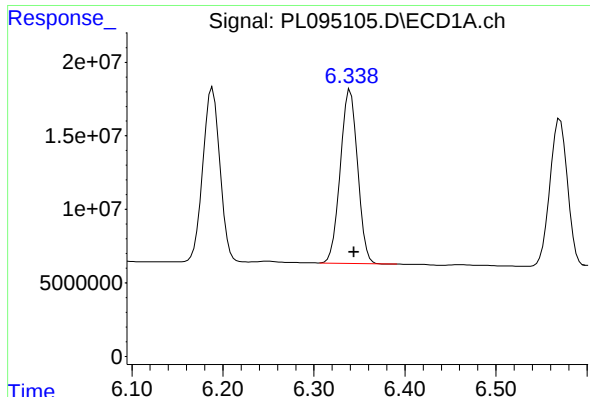
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 155178105
Conc: 52.74 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 235991990
Conc: 50.77 ng/ml



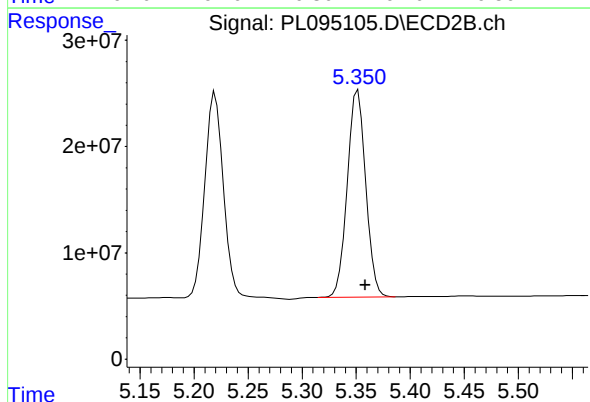
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 155993001
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

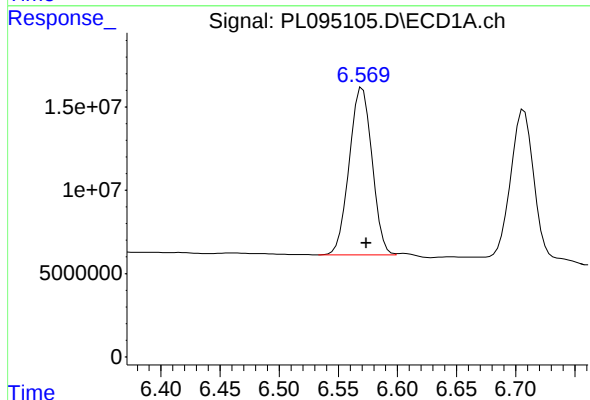
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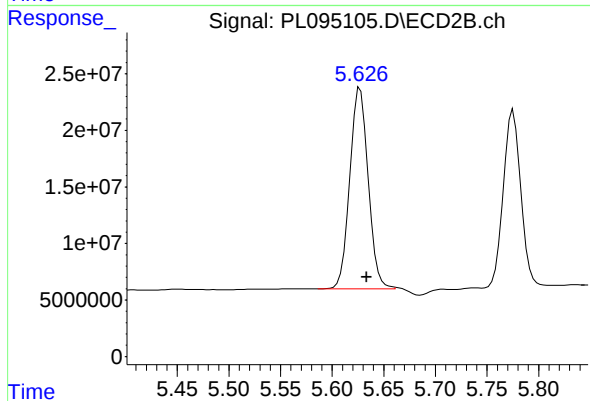
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 231108910
Conc: 47.63 ng/ml



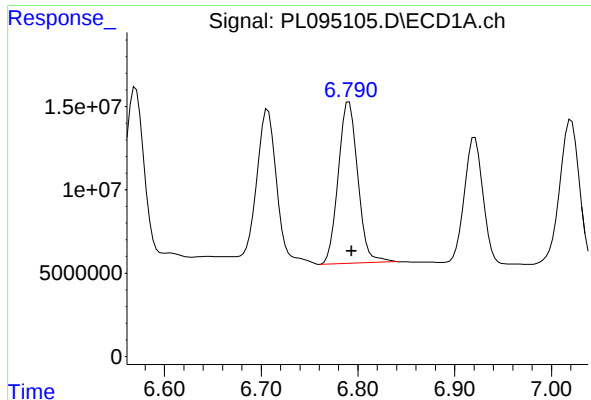
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 134759730
Conc: 48.61 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 220036542
Conc: 50.42 ng/ml



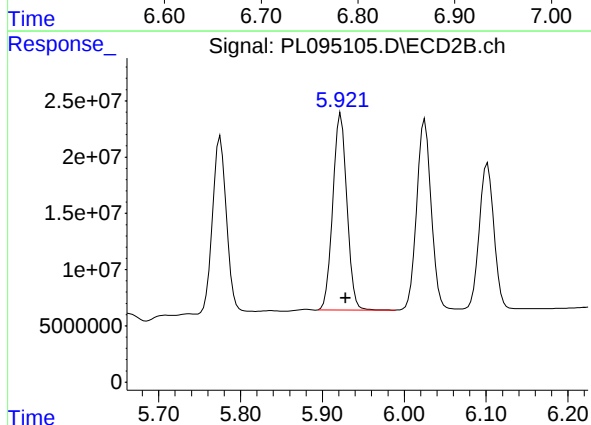
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 135590625
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

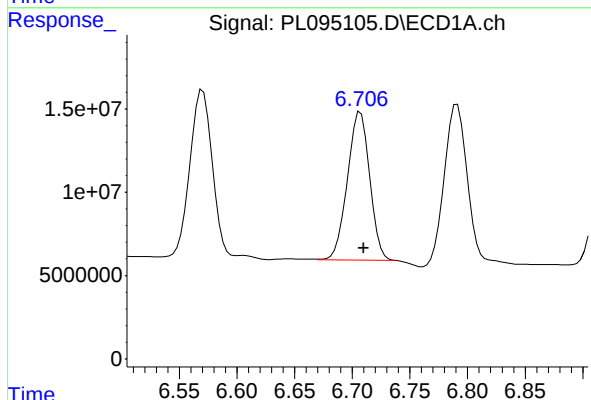
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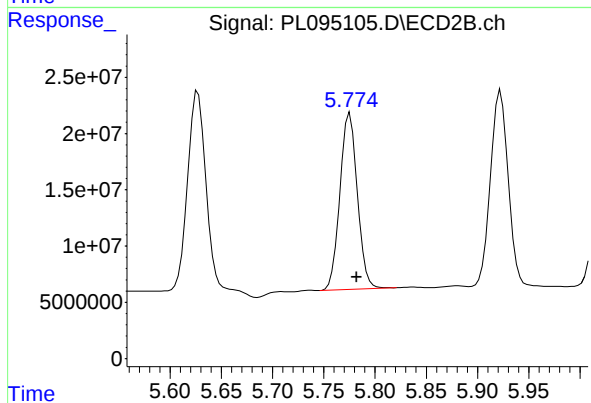
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 209495102
Conc: 48.40 ng/ml



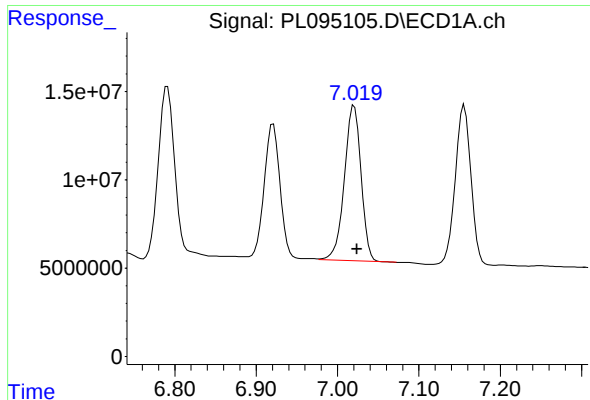
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 119405104
Conc: 55.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 184973651
Conc: 51.44 ng/ml m



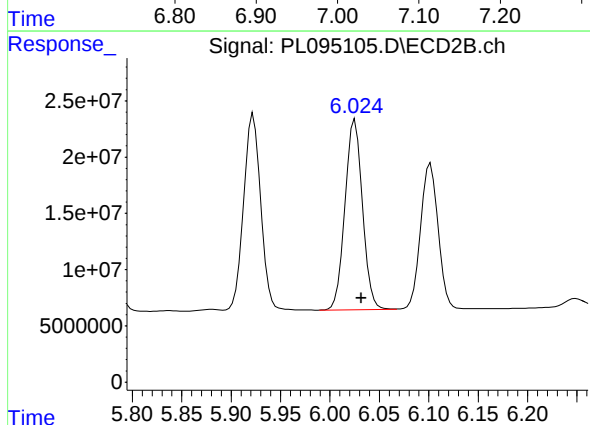
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 125246081
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

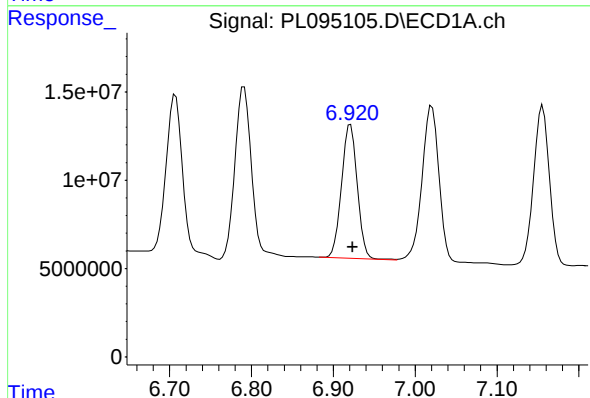
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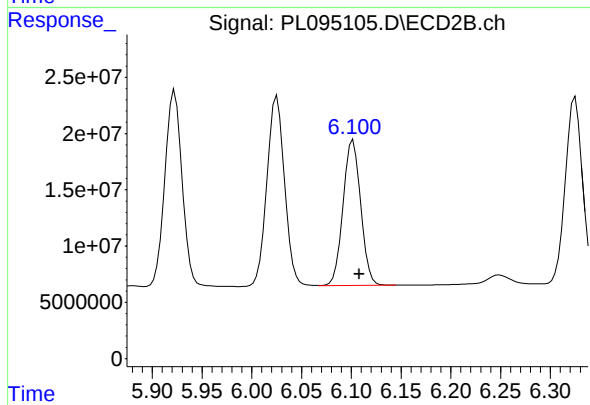
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.006 min
Response: 208143638
Conc: 51.62 ng/ml



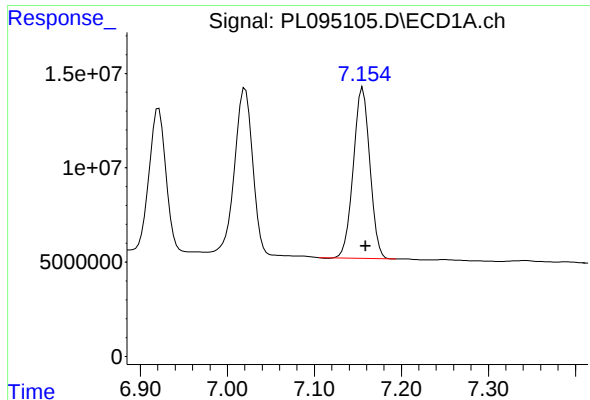
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 101385406
Conc: 48.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 160089156
Conc: 47.57 ng/ml



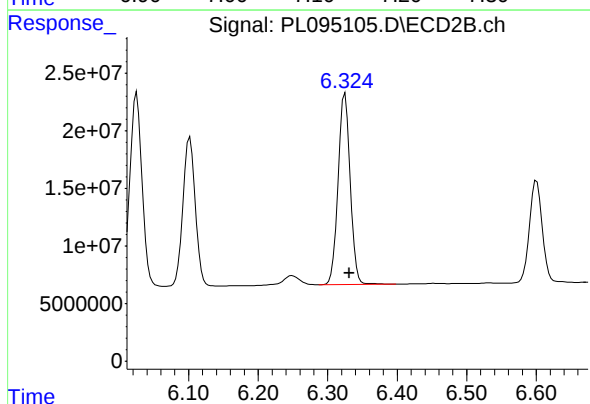
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 120397595
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

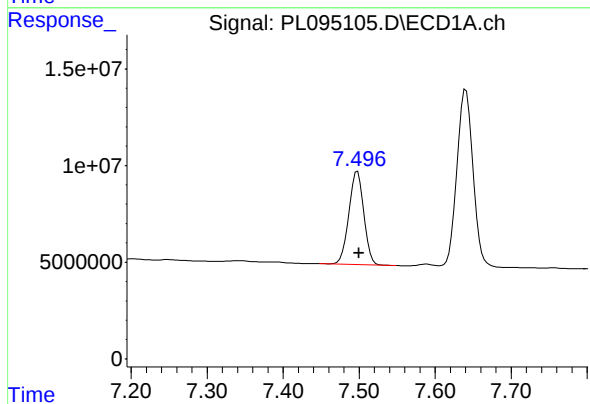
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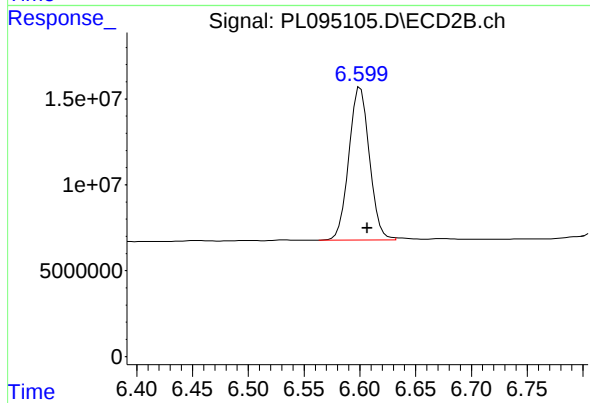
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 201194163
Conc: 49.39 ng/ml



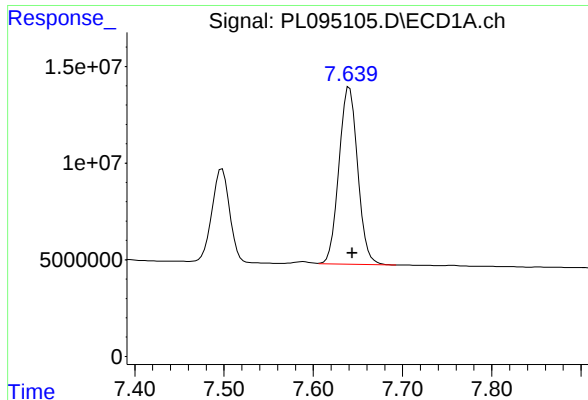
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 66177433
Conc: 55.28 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 114342441
Conc: 53.91 ng/ml m



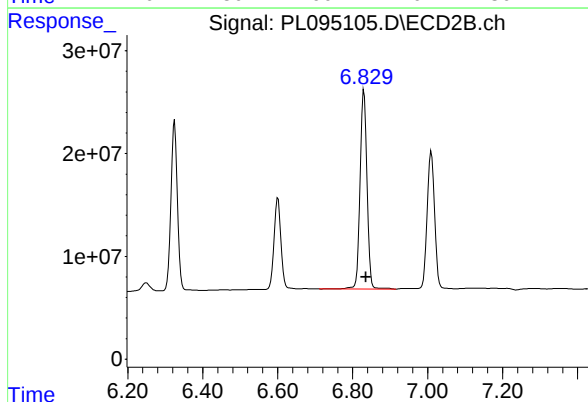
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 133959764
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

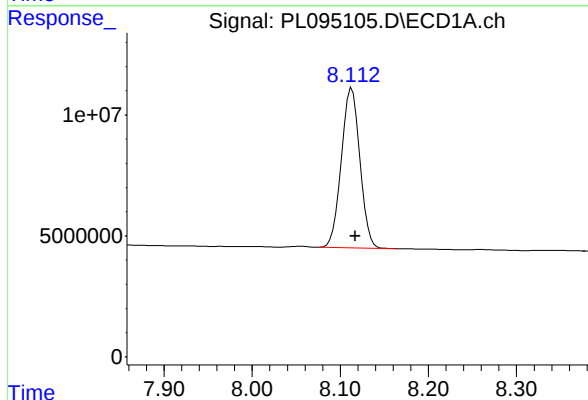
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



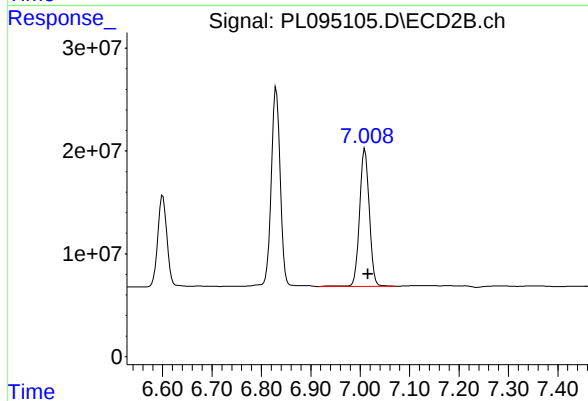
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 246170448
Conc: 51.58 ng/ml



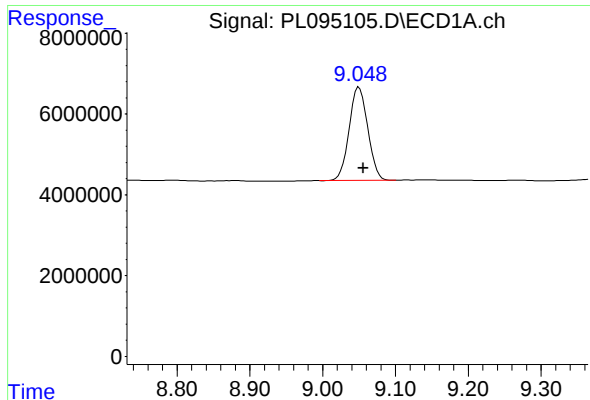
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 96682930
Conc: 46.79 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 183660429
Conc: 48.39 ng/ml



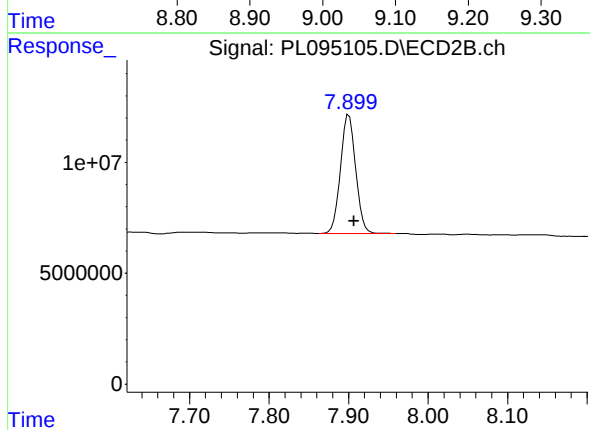
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 41113030
Conc: 19.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-VSL-15-040325MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 71161215
Conc: 17.62 ng/ml