

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095118.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 16:38
 Operator : AR\AJ
 Sample : Q1740-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-20MSD

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 22:43:22 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	48296991	62069942	17.062m	17.390
2) SA Decachlor...	9.051	7.900	38658257	67543649	18.344	16.721
Target Compounds						
2) A alpha-BHC	3.989	3.268	176.5E6	261.9E6	42.496m	48.581m
3) MA gamma-BHC...	4.323	3.599	169.8E6	243.3E6	42.545	47.344
4) MA Heptachlor	4.911	3.936	164.4E6	241.3E6	42.350	45.808
5) MB Aldrin	5.252	4.215	156.5E6	223.0E6	42.379	45.726
6) B beta-BHC	4.521	3.900	87301303	105.8E6	47.312m	47.627
7) B delta-BHC	4.769	4.128	165.6E6	219.6E6	42.526	43.901
8) B Heptachlo...	5.679	4.717	143.5E6	213.7E6	42.892	46.684m
9) A Endosulfan I	6.065	5.086	139.2E6	204.5E6	45.348	46.589m
10) B gamma-Chl...	5.935	4.967	138.6E6	219.1E6	41.139	45.369m
11) B alpha-Chl...	6.014	5.031	147.0E6	224.5E6	44.597	47.028
12) B 4,4'-DDE	6.188	5.220	147.2E6	225.9E6	50.050	48.600
13) MA Dieldrin	6.340	5.352	144.4E6	222.3E6	45.136	45.826
14) MA Endrin	6.570	5.626	125.5E6	206.9E6	45.279	47.416m
15) B Endosulfa...	6.790	5.921	120.1E6	198.1E6	44.255m	45.761m
16) A 4,4'-DDD	6.705	5.776	111.0E6	172.3E6	51.237m	47.915
17) MA 4,4'-DDT	7.020	6.026	117.0E6	191.8E6	49.184	47.567
18) B Endrin al...	6.921	6.102	98868699	151.9E6	46.835	45.145
19) B Endosulfa...	7.156	6.325	114.3E6	189.2E6	46.979	46.450
20) A Methoxychlor	7.497	6.599	62081388	105.4E6	51.861	49.669m
21) B Endrin ke...	7.641	6.829	129.0E6	229.0E6	48.797	47.977m
22) Mirex	8.113	7.010	91810693	177.3E6	44.433	46.705

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
Data File : PL095118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2025 16:38
Operator : AR\AJ
Sample : Q1740-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

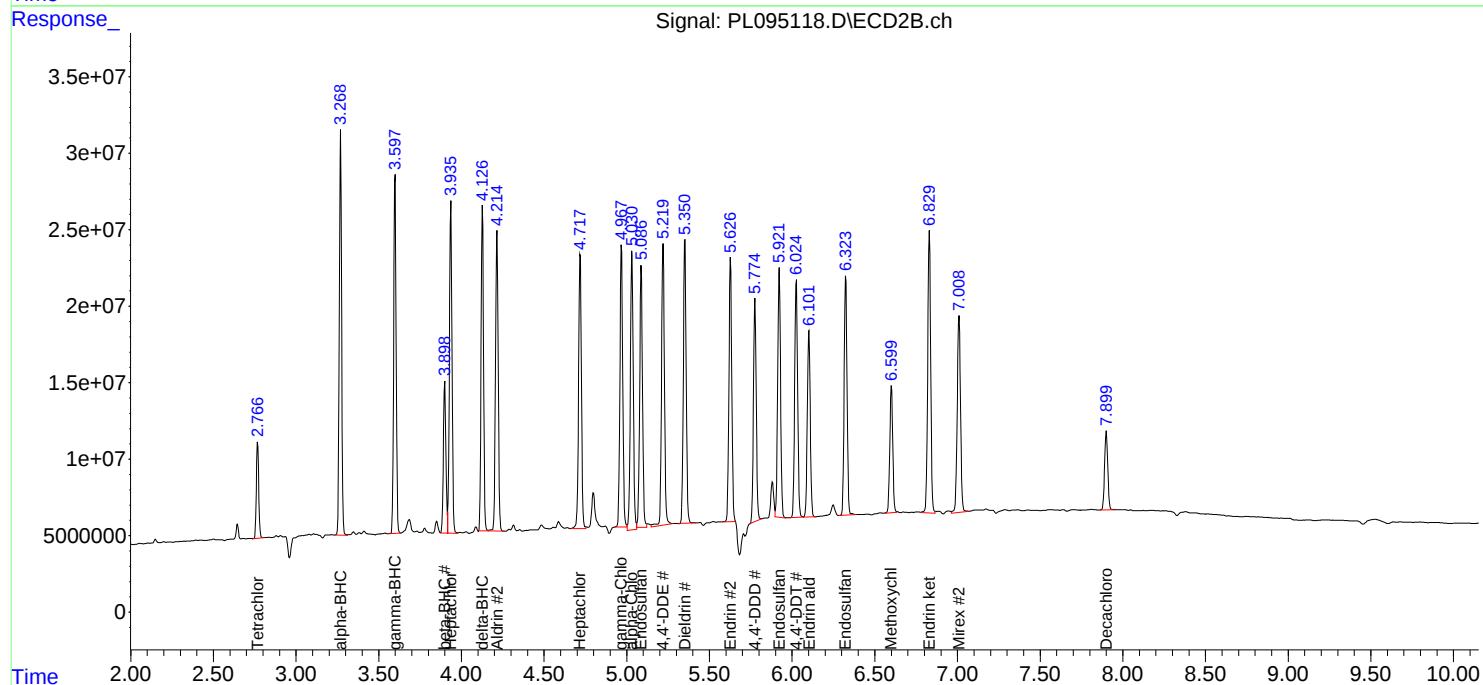
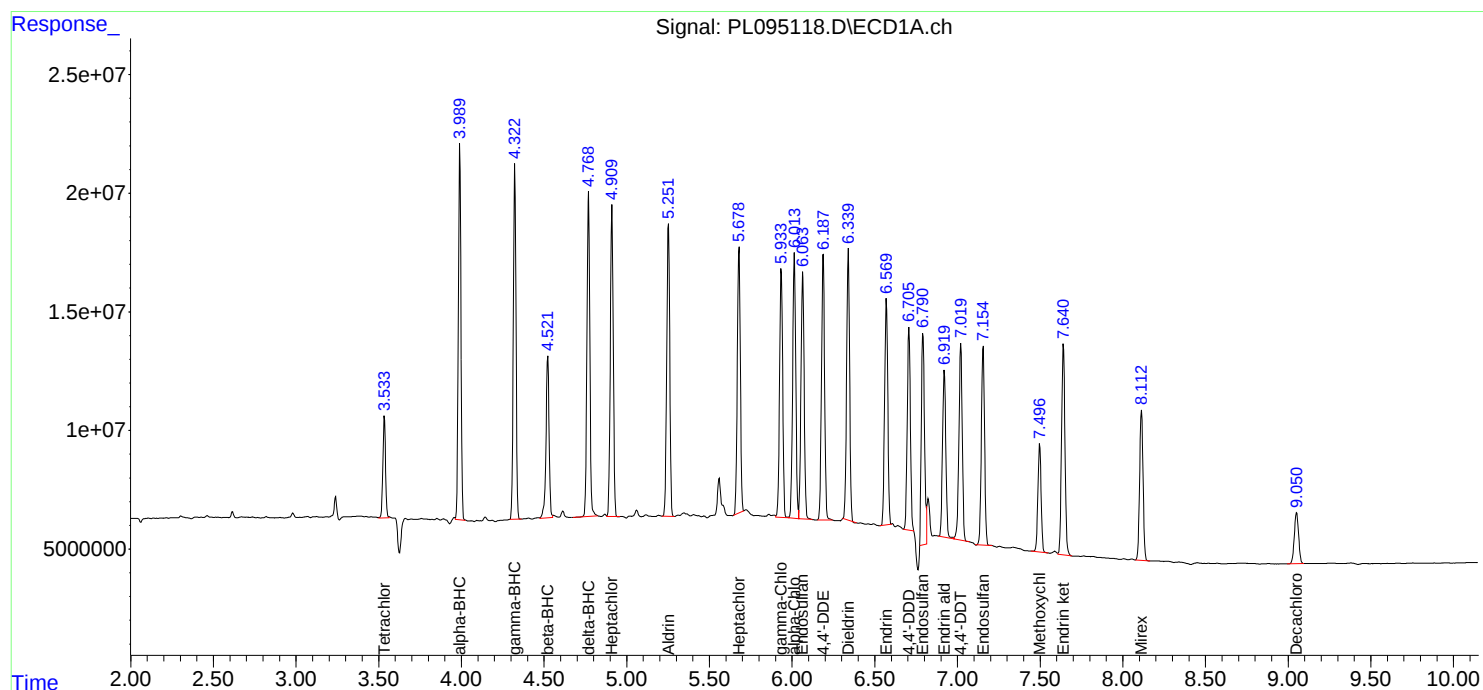
Instrument :
ECD_L
ClientSampleId :
TP-20MSD

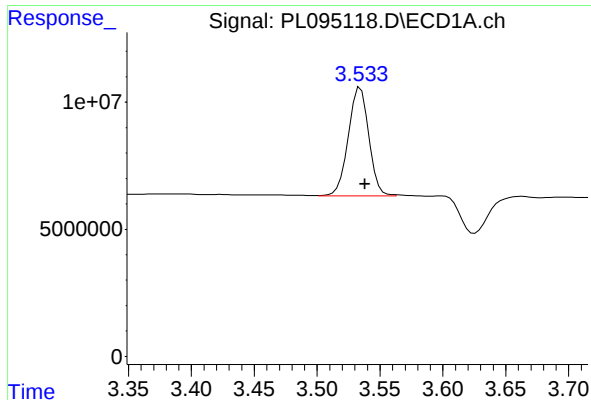
Manual Integrations
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Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 22:43:22 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





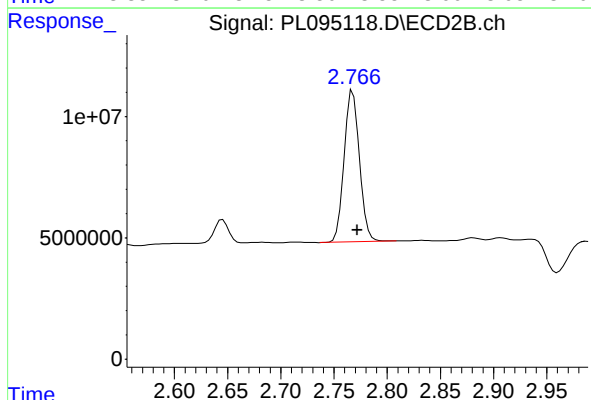
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 48296991
Conc: 17.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

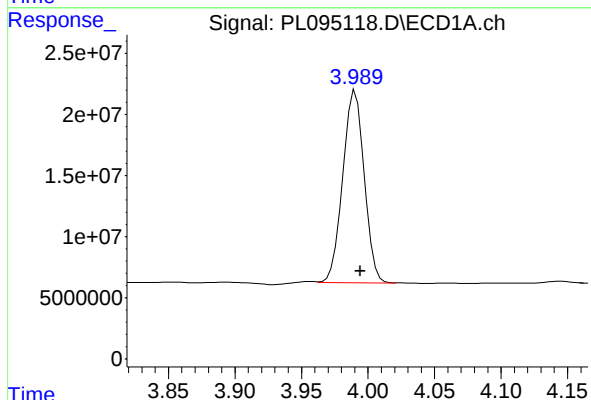
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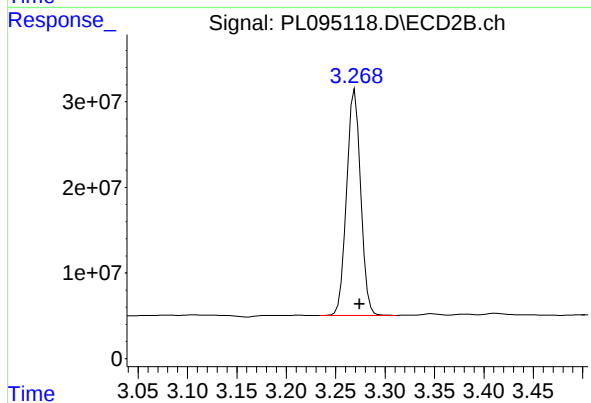
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 62069942
Conc: 17.39 ng/ml



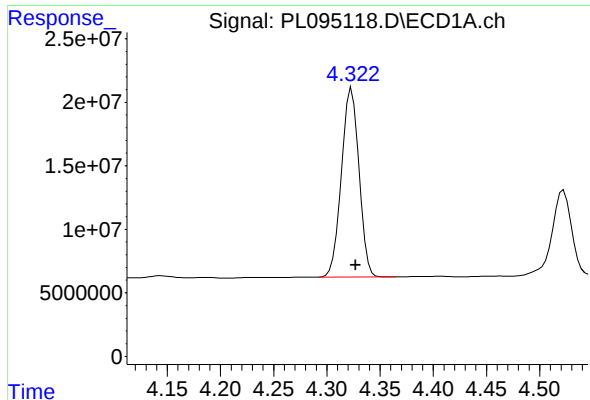
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 176456322
Conc: 42.50 ng/ml m



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 261920754
Conc: 48.58 ng/ml m



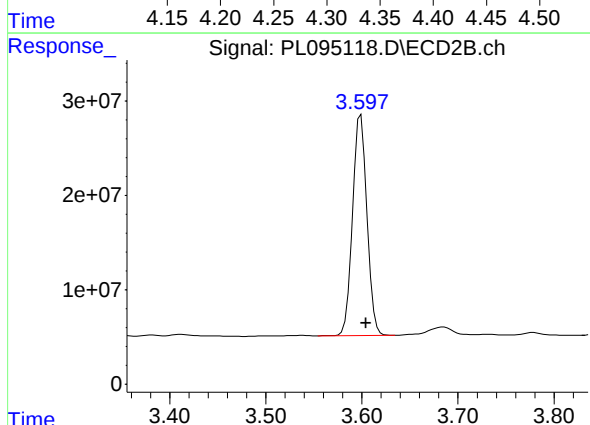
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 169767119
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

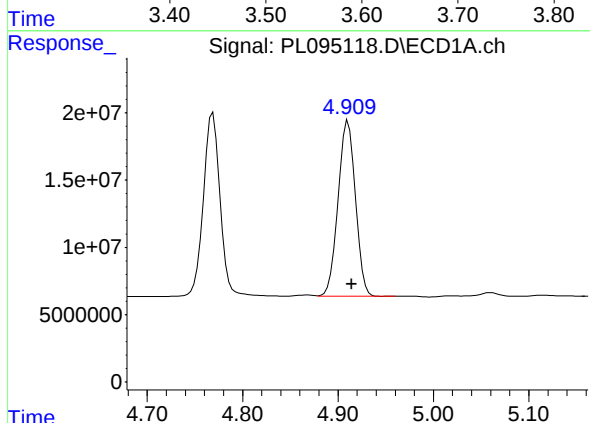
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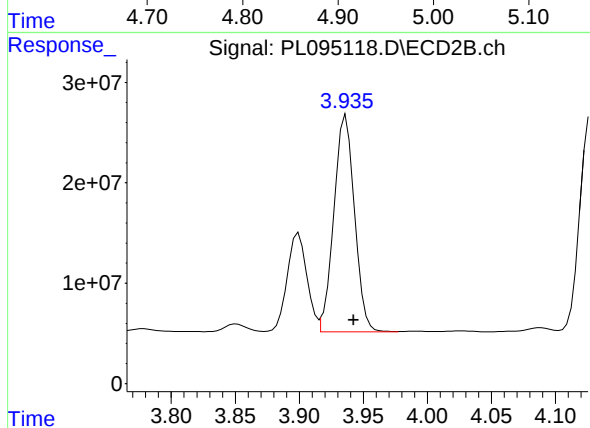
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 243324698
Conc: 47.34 ng/ml



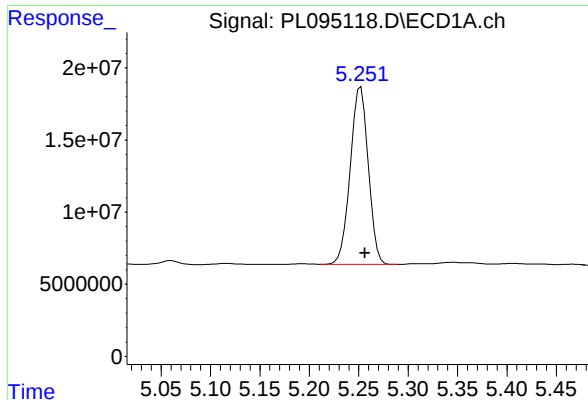
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 164385011
Conc: 42.35 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 241345951
Conc: 45.81 ng/ml



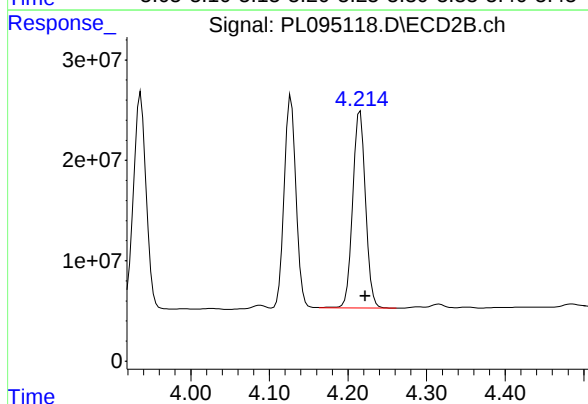
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 156474019
Conc: 42.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

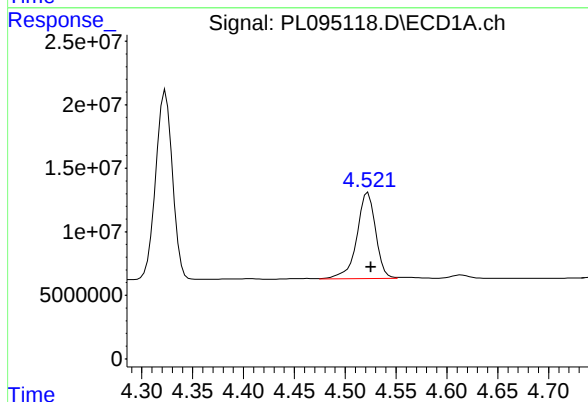
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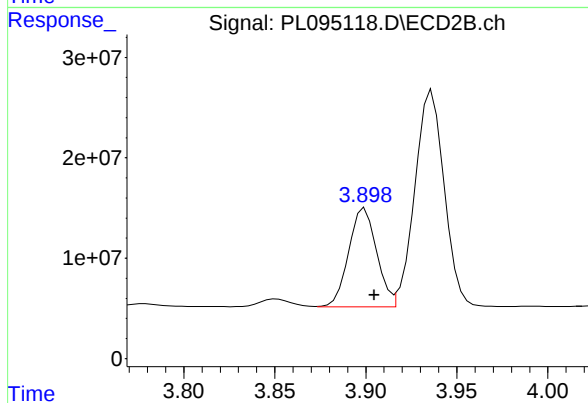
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.006 min
Response: 222974031
Conc: 45.73 ng/ml



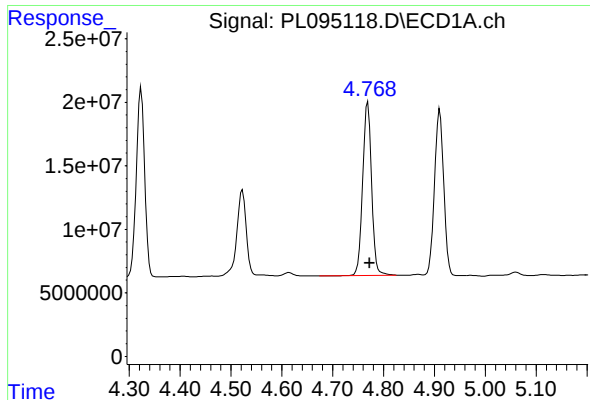
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 87301303
Conc: 47.31 ng/ml m



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 105793415
Conc: 47.63 ng/ml



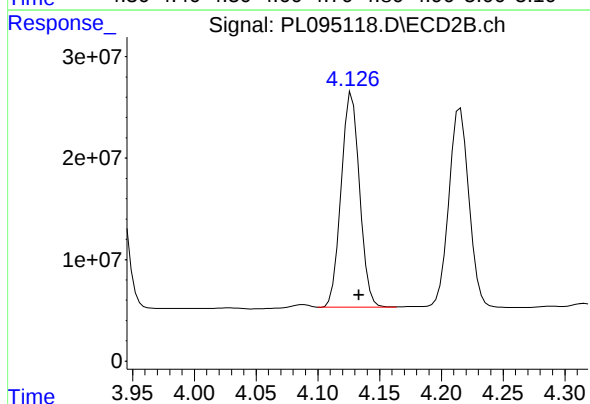
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 165608472
Conc: 42.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

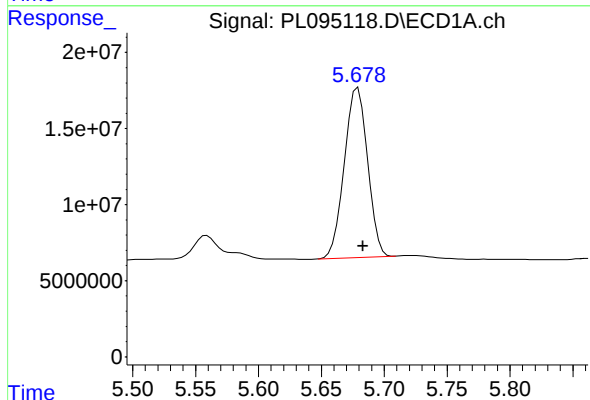
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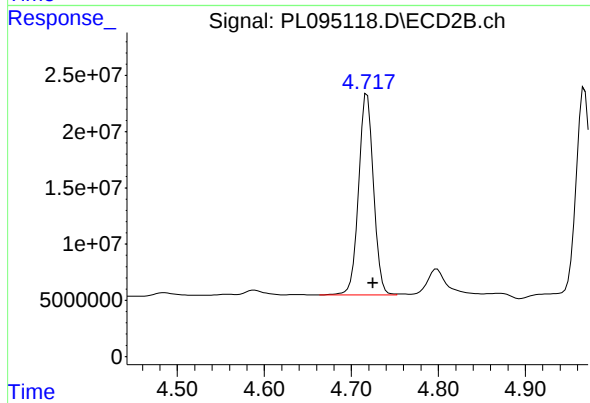
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.006 min
Response: 219590951
Conc: 43.90 ng/ml



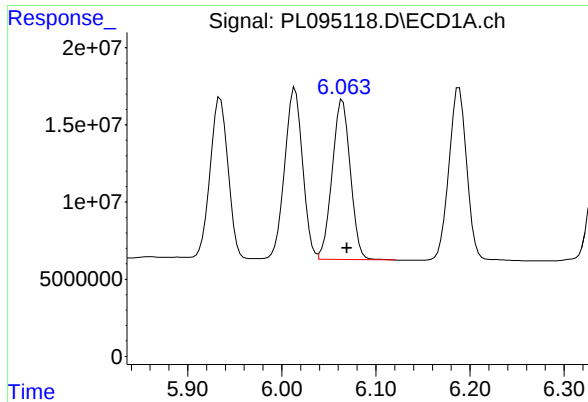
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 143483133
Conc: 42.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 213746430
Conc: 46.68 ng/ml m



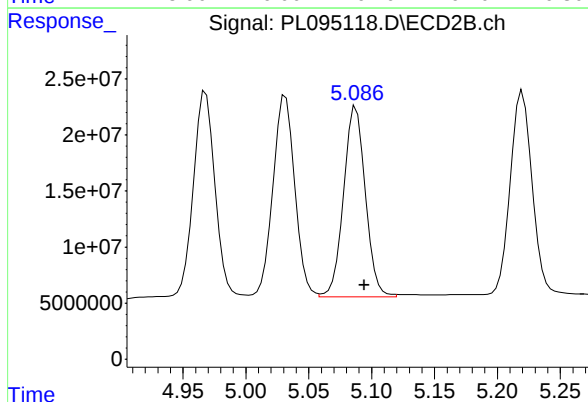
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 139228729
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

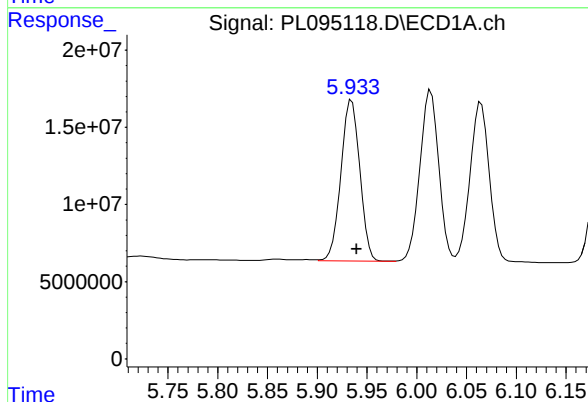
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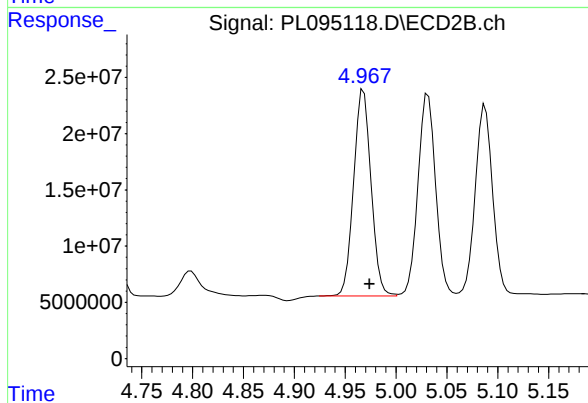
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 204466271
Conc: 46.59 ng/ml m



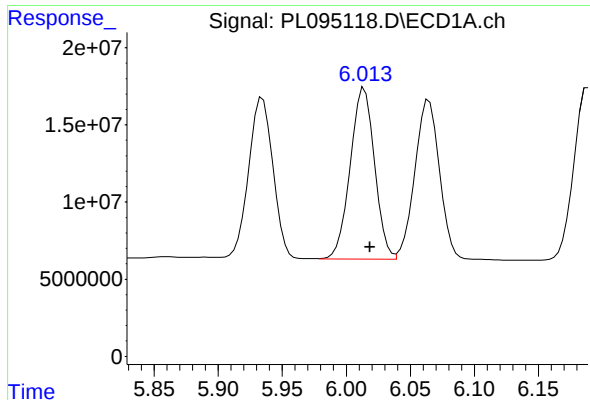
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 138612783
Conc: 41.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 219060698
Conc: 45.37 ng/ml m



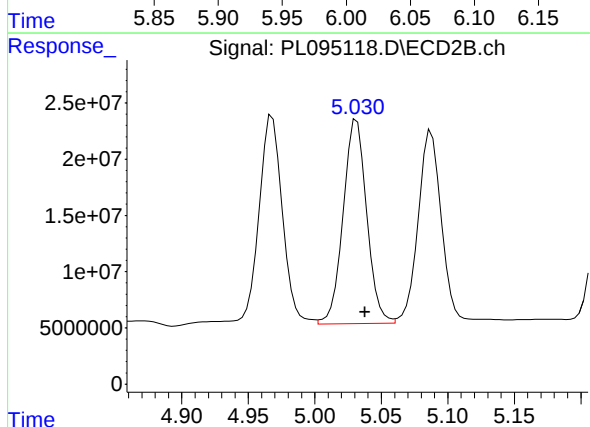
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 147027711
Conc: 44.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

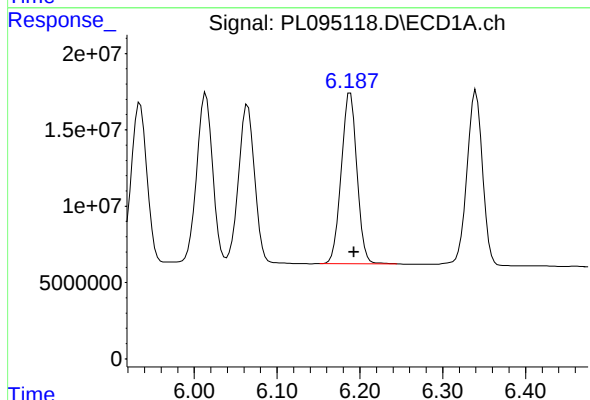
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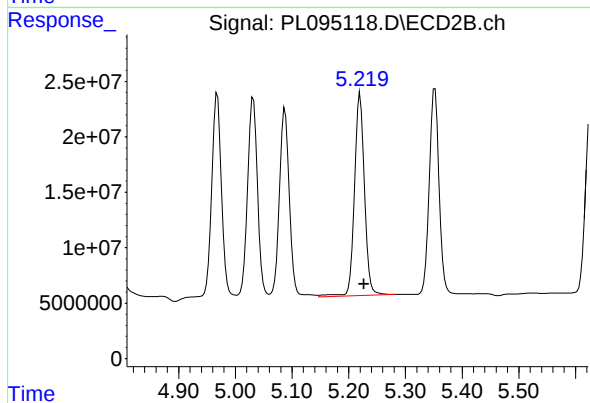
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.006 min
Response: 224453740
Conc: 47.03 ng/ml



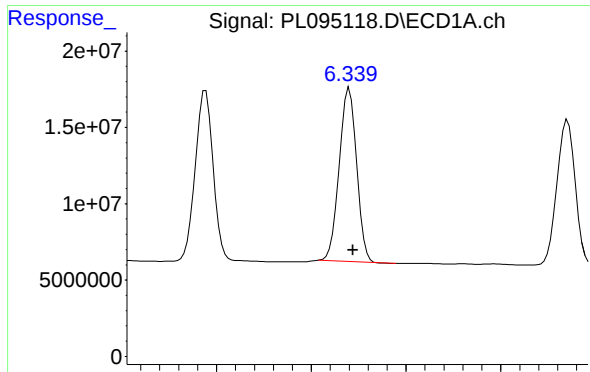
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 147249131
Conc: 50.05 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 225918248
Conc: 48.60 ng/ml



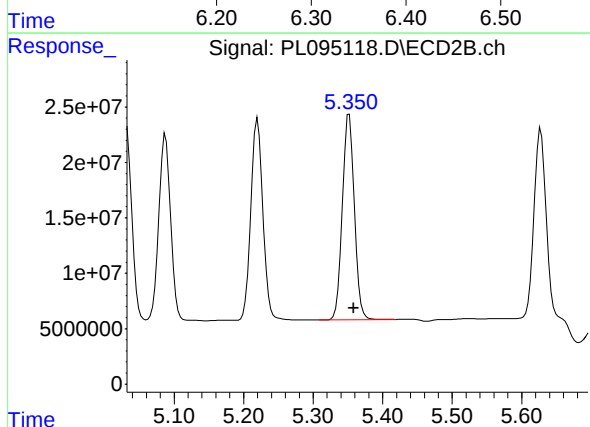
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 144350922
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

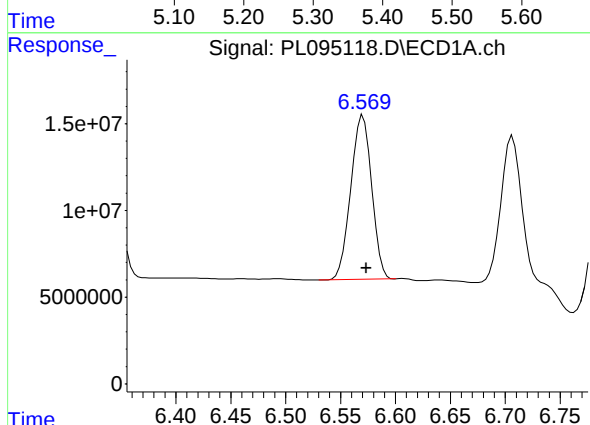
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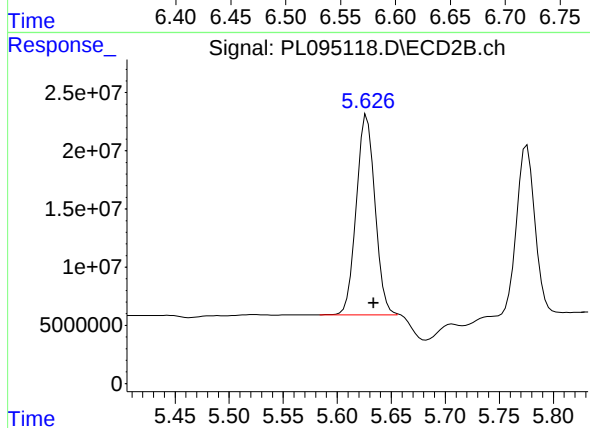
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 222340480
Conc: 45.83 ng/ml



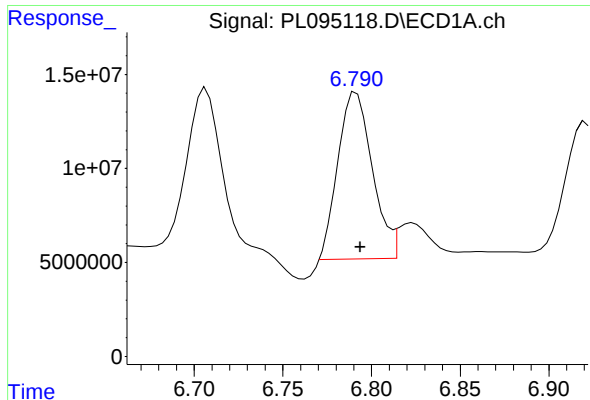
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 125517574
Conc: 45.28 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 206904856
Conc: 47.42 ng/ml m



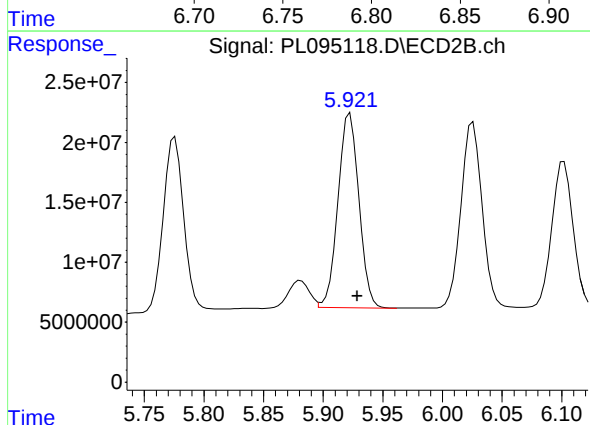
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 120139900
Conc: 44.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

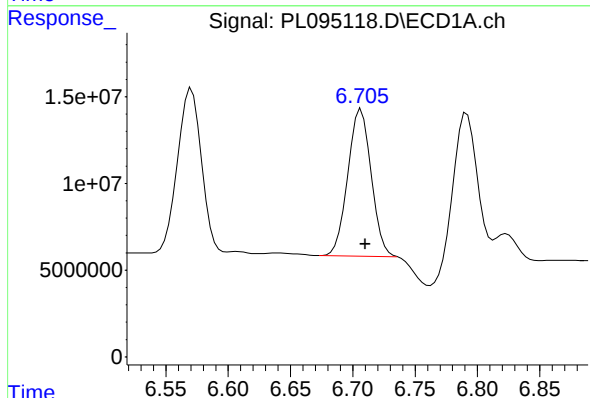
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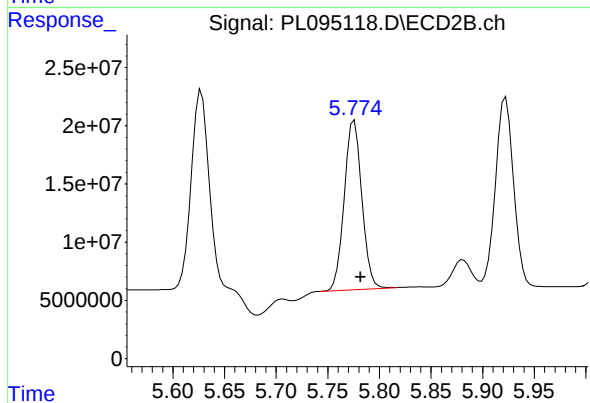
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.007 min
Response: 198065494
Conc: 45.76 ng/ml m



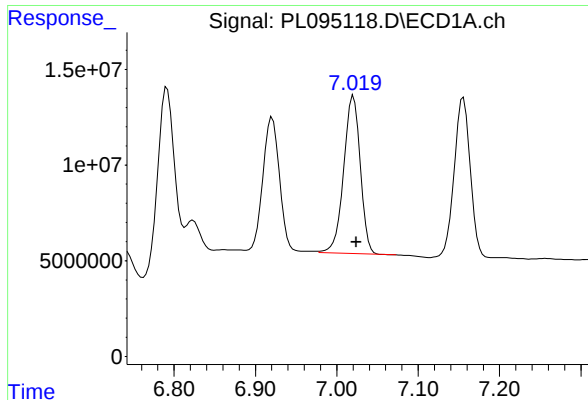
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 110983597
Conc: 51.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 172298262
Conc: 47.92 ng/ml



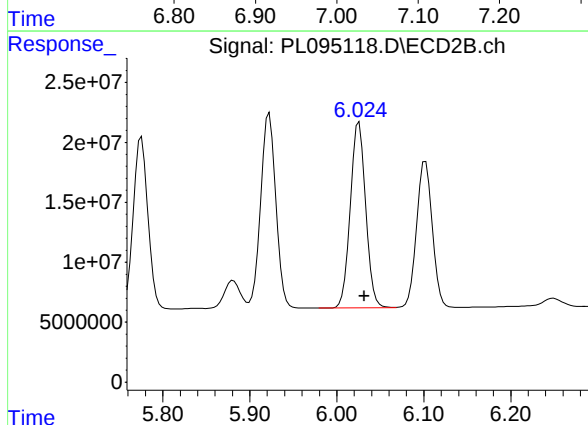
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 116986990
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

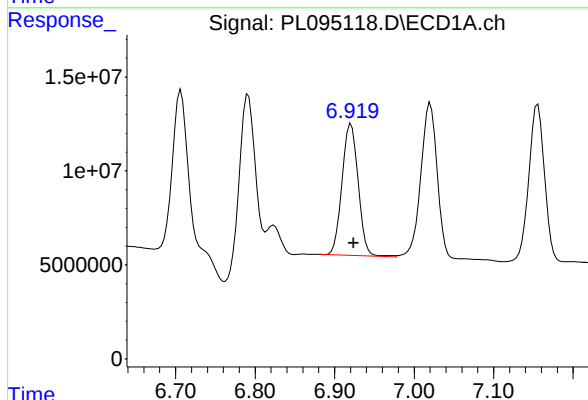
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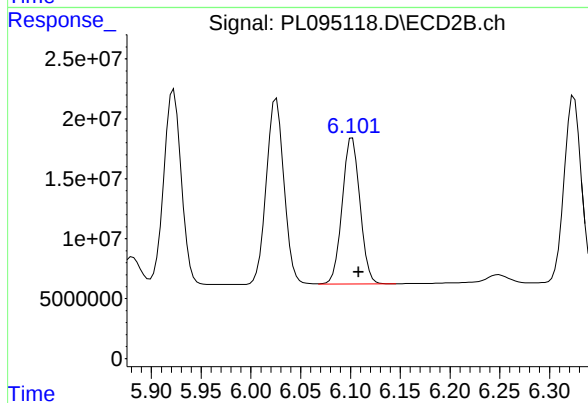
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 191794621
Conc: 47.57 ng/ml



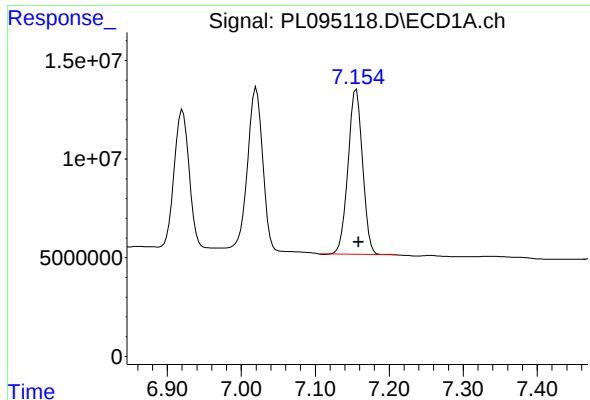
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 98868699
Conc: 46.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 151931031
Conc: 45.15 ng/ml



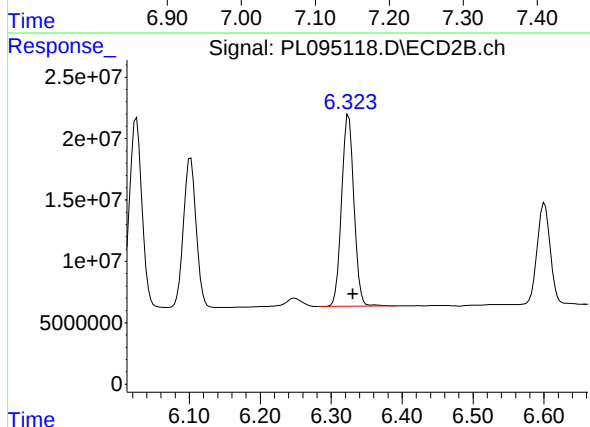
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 114253433
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

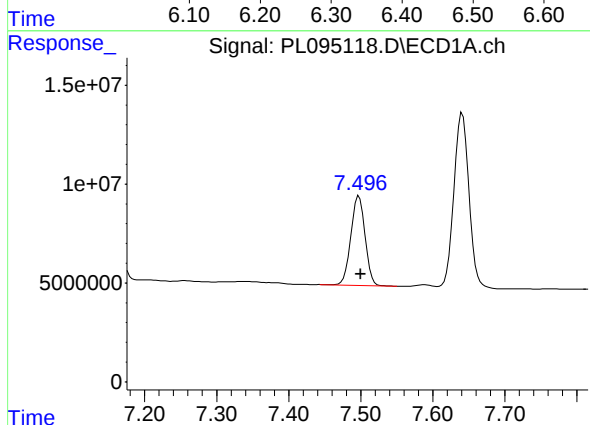
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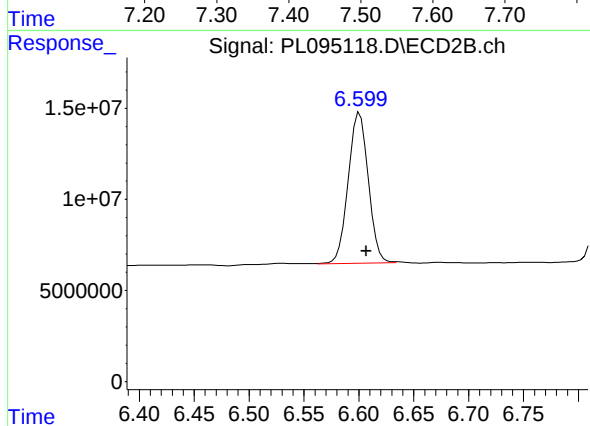
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 189210672
Conc: 46.45 ng/ml



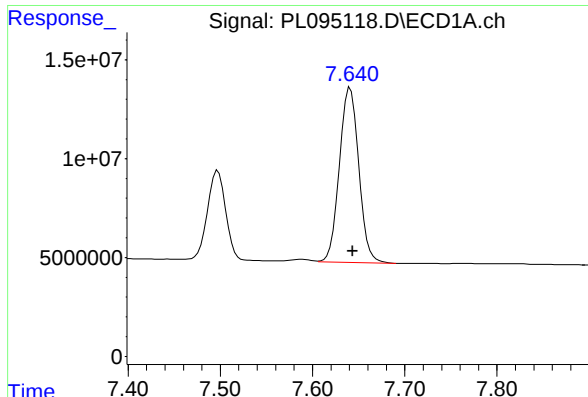
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 62081388
Conc: 51.86 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.007 min
Response: 105350412
Conc: 49.67 ng/ml m



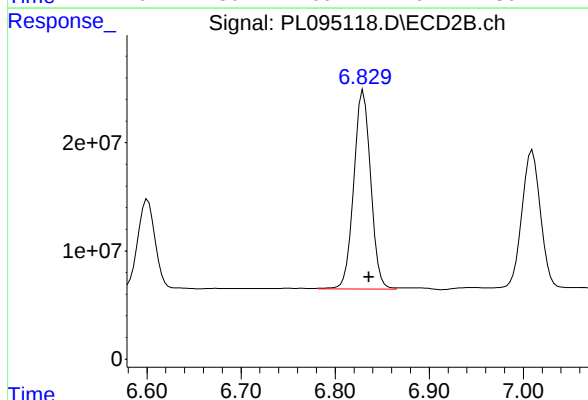
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 128982519
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

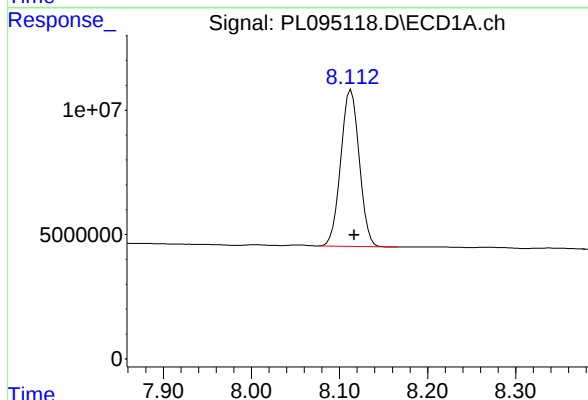
Manual Integrations
APPROVED

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



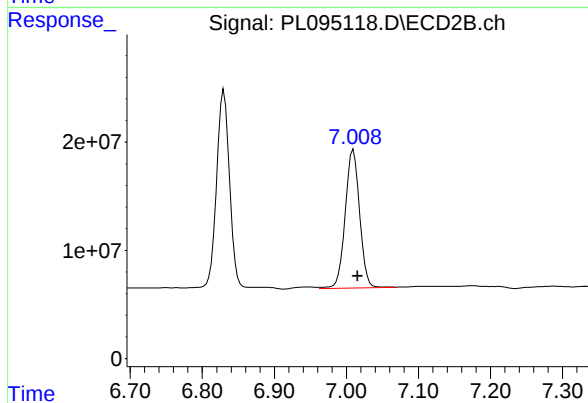
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 228973742
Conc: 47.98 ng/ml m



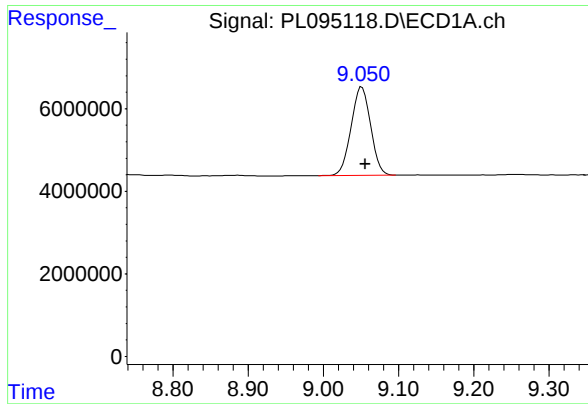
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 91810693
Conc: 44.43 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 177258460
Conc: 46.70 ng/ml



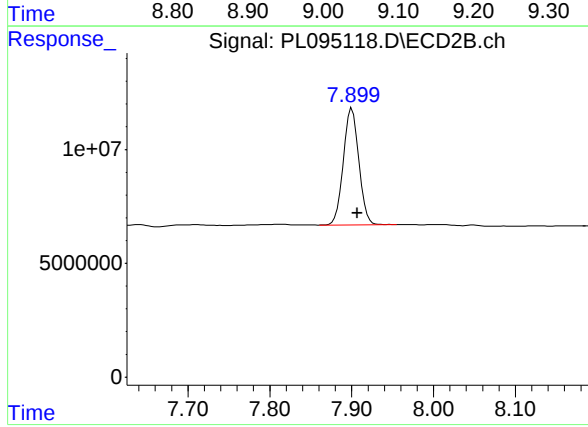
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 38658257
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-20MSD

Manual Integrations
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Supervised By :mohammad ahmed 04/10/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 67543649
Conc: 16.72 ng/ml