

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094635.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 14:26
 Operator : AR\AJ
 Sample : Q1502-09DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/13/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:33:42 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...	3.536	2.771	38407174	39494099	13.568	11.065
28) SA Decachlor...	9.050	7.904	27468780	50302799	13.034	12.453
Target Compounds						
2) A alpha-BHC	3.993	3.273	1045.7E6	1517.5E6	251.830	281.473
3) MA gamma-BHC...	4.326	3.602	900.8E6	1314.9E6	225.750	255.845
4) MA Heptachlor	4.913	3.940	677.1E6	1060.5E6	174.425	201.277
5) MB Aldrin	5.255	4.220	1534.9E6	2315.1E6	415.718	474.769
6) B beta-BHC	4.524	3.902	383.5E6	548.1E6	207.819	246.761
7) B delta-BHC	4.772	4.131	2583.1E6	3764.0E6	663.295	752.507
8) B Heptachlo...	5.682	4.722	1354.2E6	2063.6E6	404.833	450.713
9) A Endosulfan I	6.067	5.091	2066.9E6	3242.3E6	673.212	738.770
10) B gamma-Chl...	5.937	4.971	256.6E6	416.8E6	76.156	86.329
11) B alpha-Chl...	6.016	5.035	453.4E6	754.4E6	137.516	158.065
12) B 4,4'-DDE	6.189	5.223	882.6E6	1542.5E6	299.984	331.830
13) MA Dieldrin	6.342	5.355	1363.3E6	2277.3E6	426.277	469.372
14) MA Endrin	6.570	5.631	1974.3E6	3279.5E6	712.193m	751.553
15) B Endosulfa...	6.792	5.925	787.4E6	1408.9E6	290.035	325.522
16) A 4,4'-DDD	6.708	5.779	936.3E6	1808.7E6	432.273	503.000
17) MA 4,4'-DDT	7.021	6.028	588.0E6	1169.8E6	247.193	290.127
18) B Endrin al...	6.922	6.105	1496.0E6	2627.0E6	708.674	780.610
19) B Endosulfa...	7.156	6.328	1022.5E6	1933.5E6	420.423	474.656
20) A Methoxychlor	7.497	6.603	436.4E6	834.8E6	364.559	393.579
21) B Endrin ke...	7.641	6.833	2011.7E6	3634.7E6	761.060	761.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094635.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 14:26
Operator : AR\AJ
Sample : Q1502-09DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

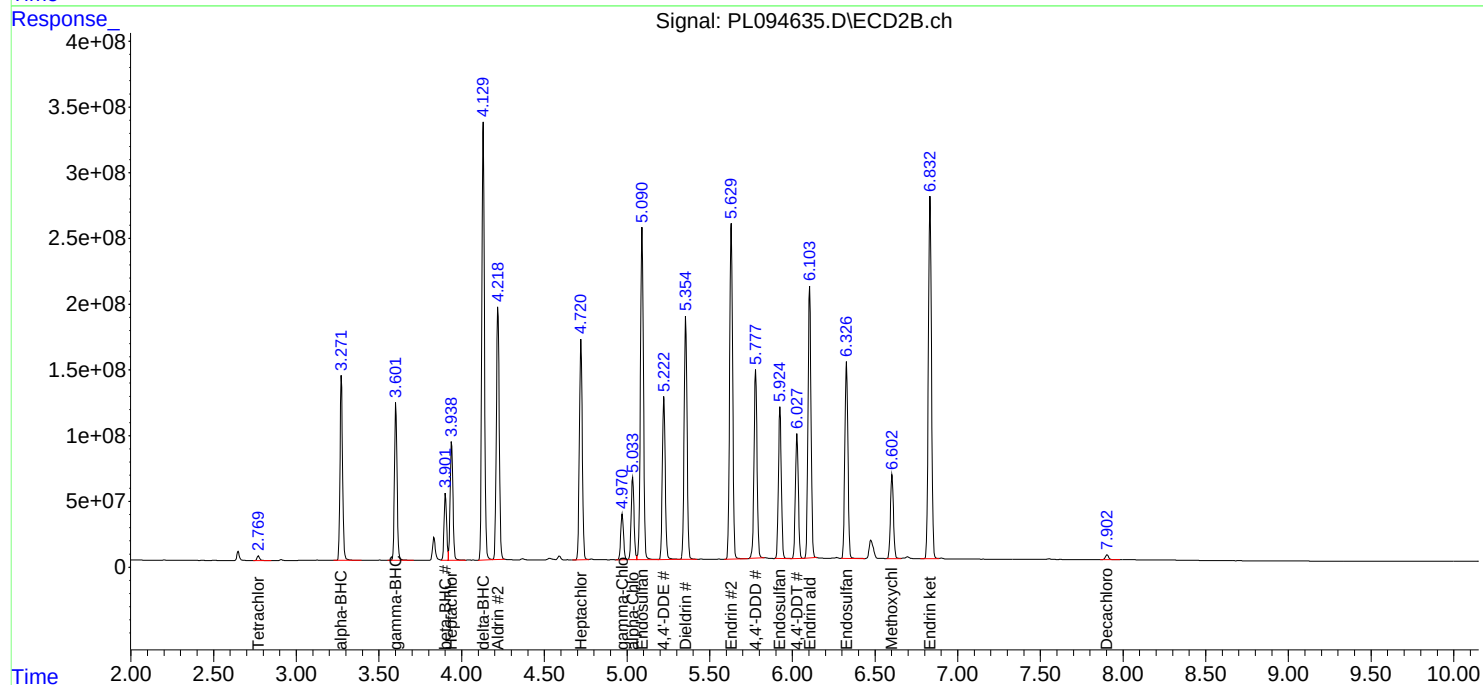
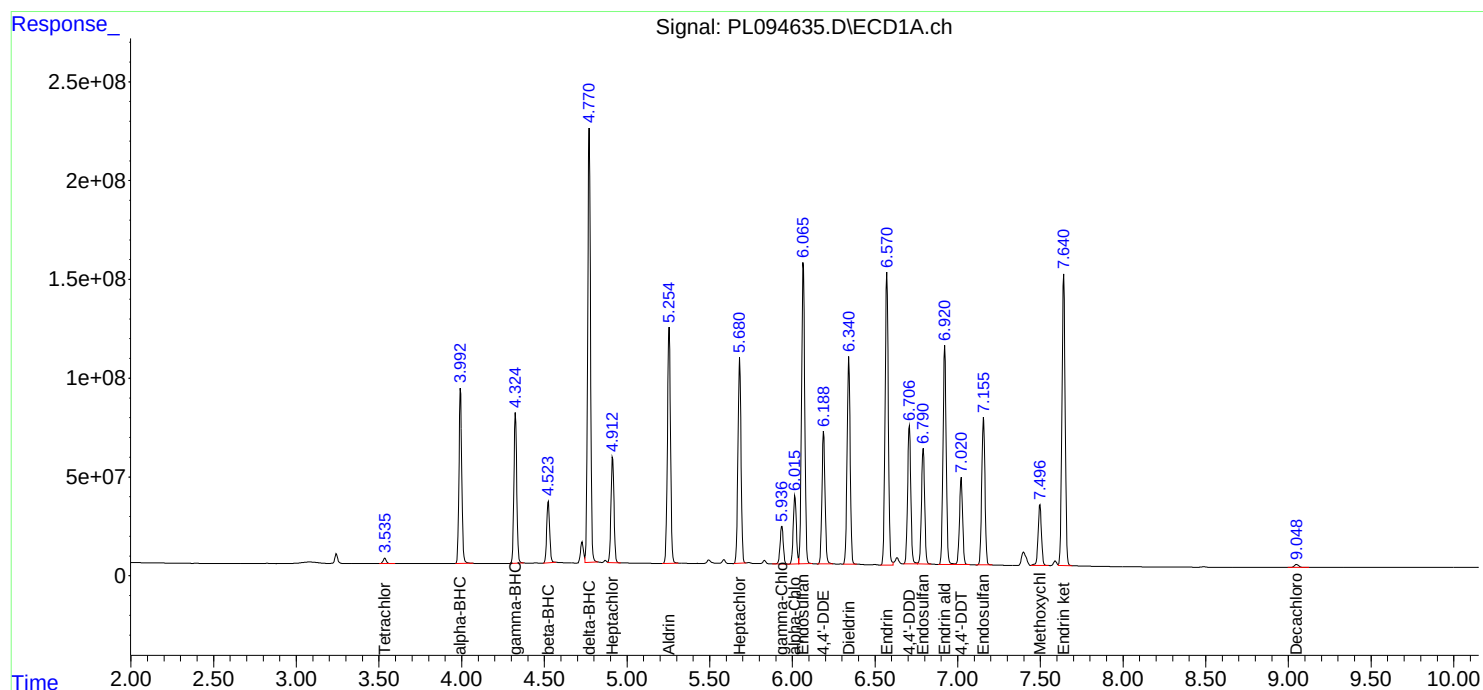
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

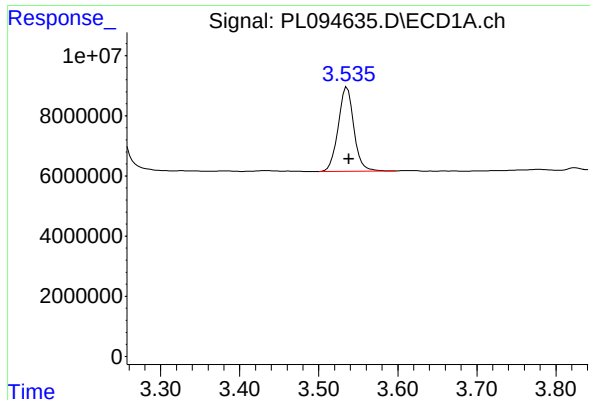
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:33:42 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





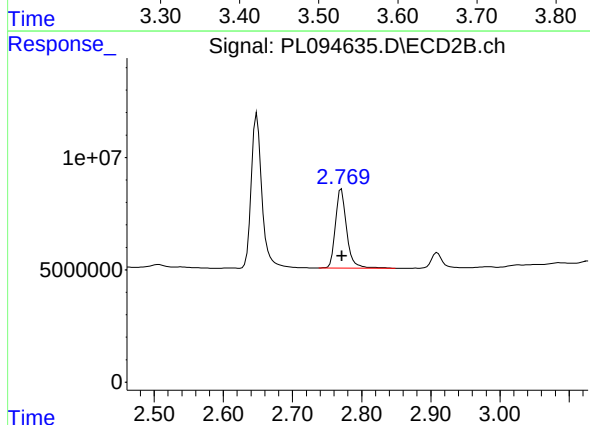
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 38407174
Conc: 13.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

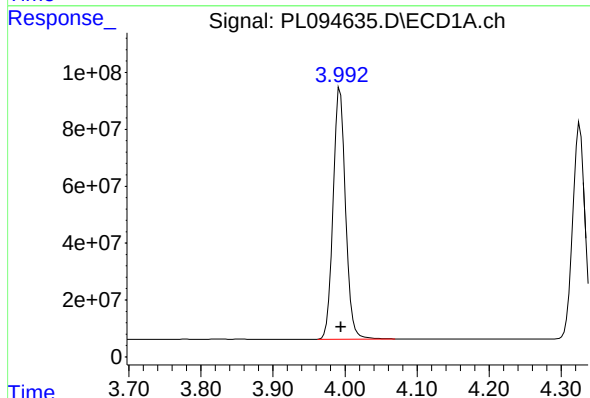
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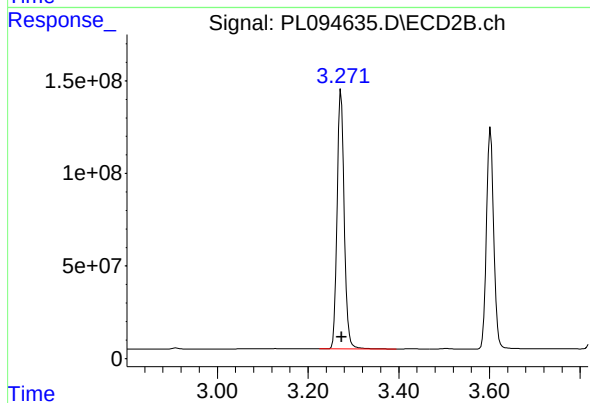
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 39494099
Conc: 11.07 ng/ml



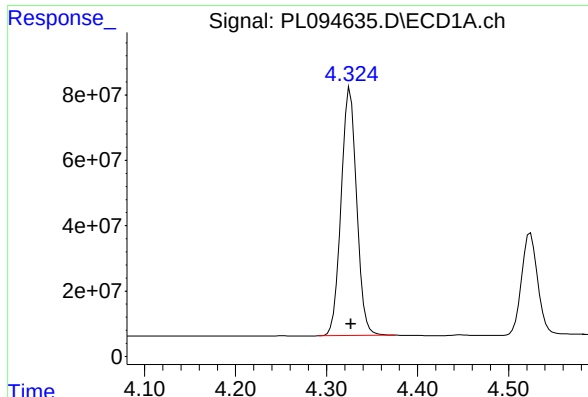
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 1045684515
Conc: 251.83 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 1517523862
Conc: 281.47 ng/ml



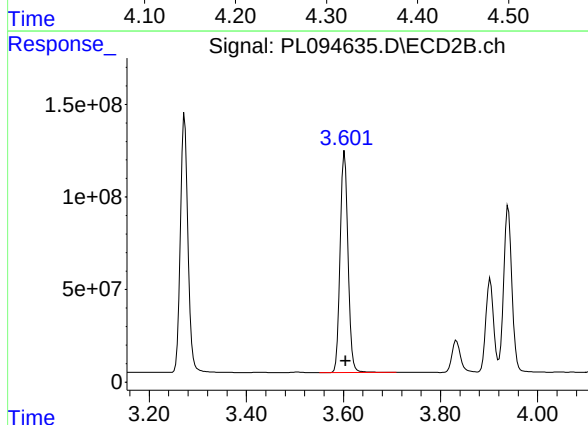
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 900804742
Conc: 225.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

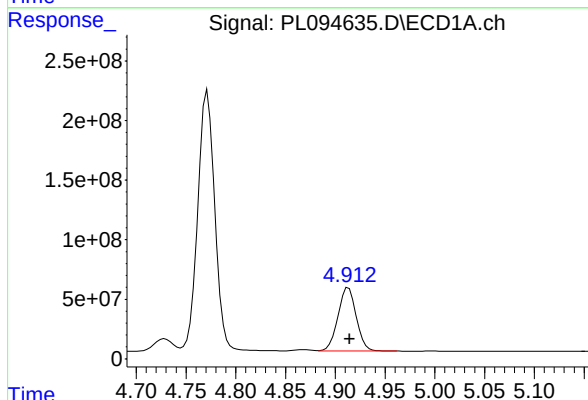
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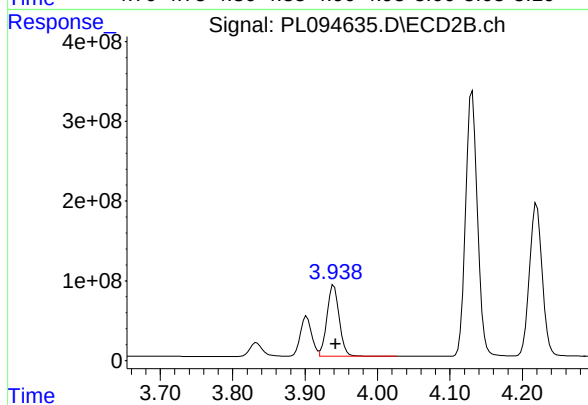
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 1314902544
Conc: 255.84 ng/ml



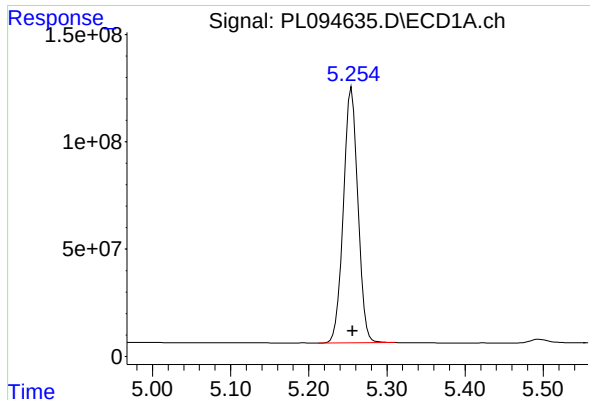
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 677054024
Conc: 174.43 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 1060458208
Conc: 201.28 ng/ml



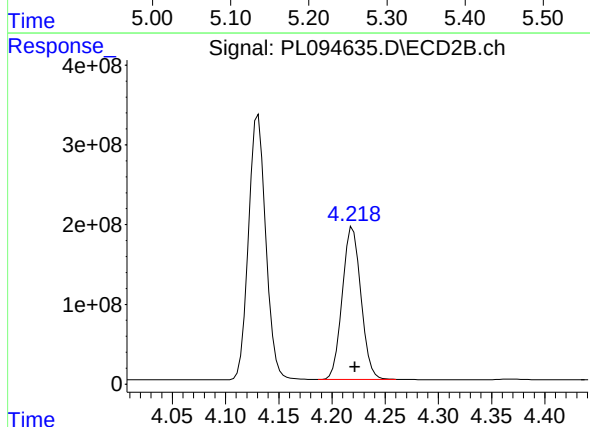
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 1534921044
Conc: 415.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

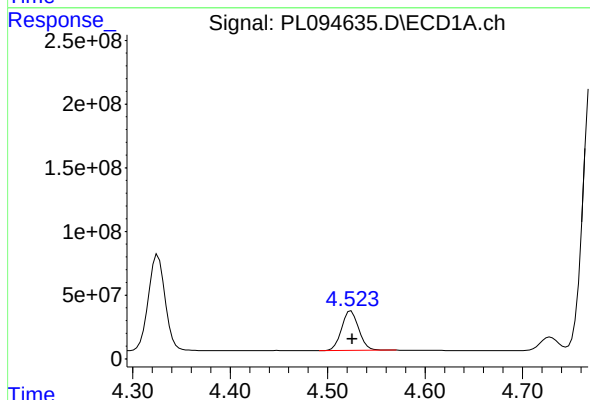
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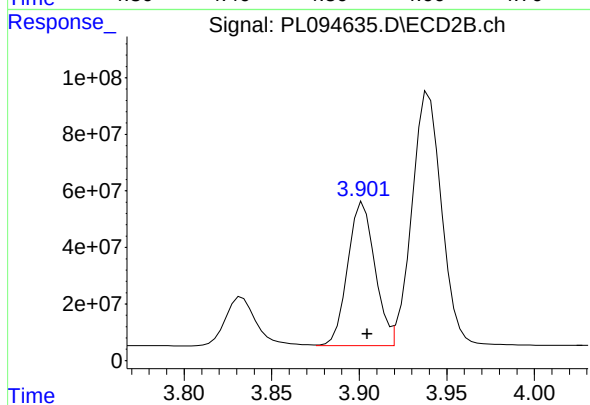
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 2315139652
Conc: 474.77 ng/ml



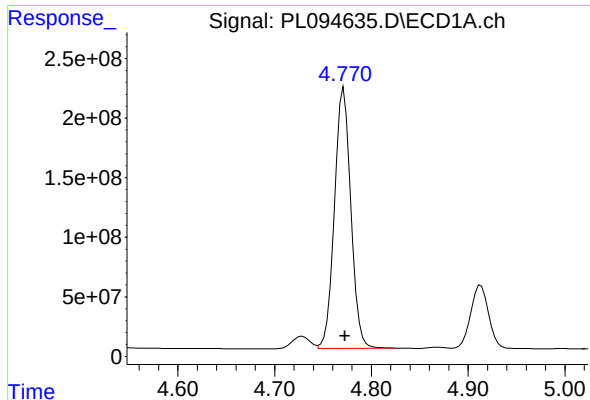
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 383472089
Conc: 207.82 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 548128821
Conc: 246.76 ng/ml



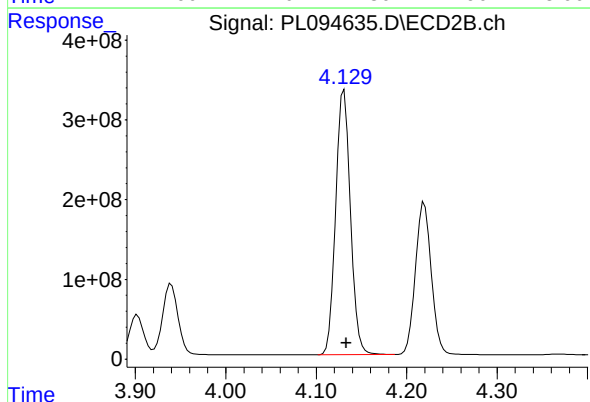
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 2583076938
Conc: 663.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

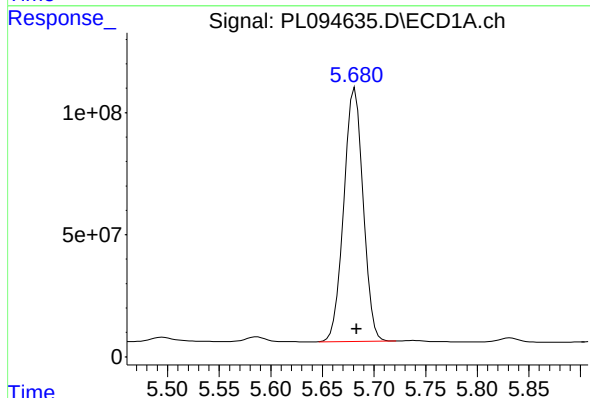
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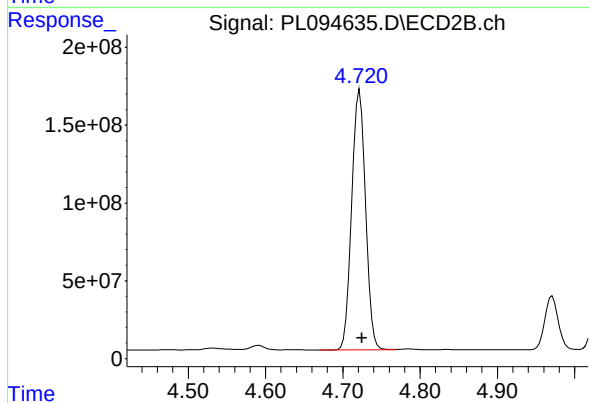
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 3764027870
Conc: 752.51 ng/ml



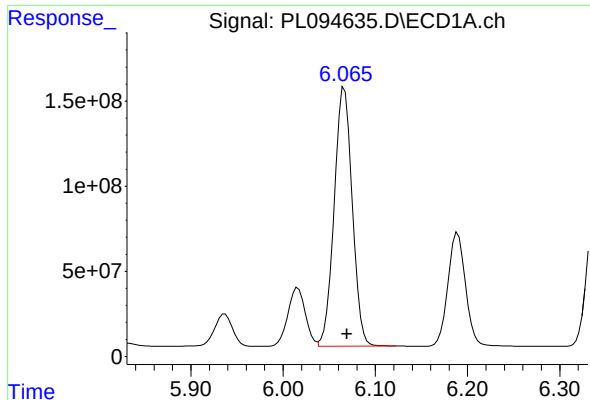
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 1354246563
Conc: 404.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 2063629225
Conc: 450.71 ng/ml



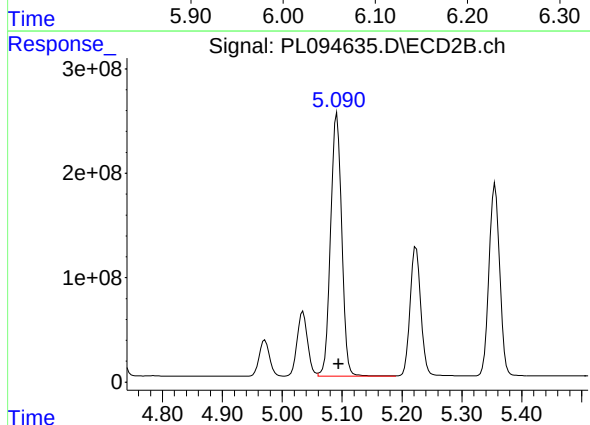
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 2066898167
Conc: 673.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

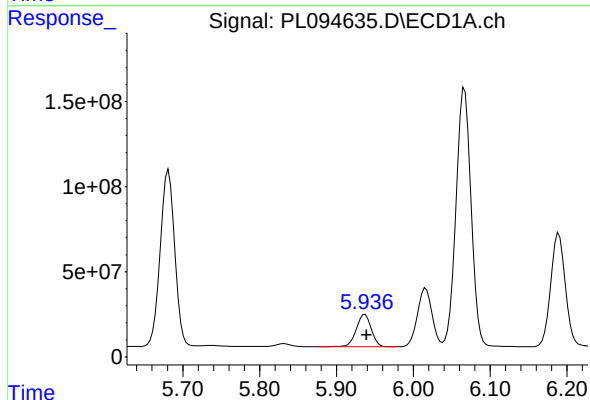
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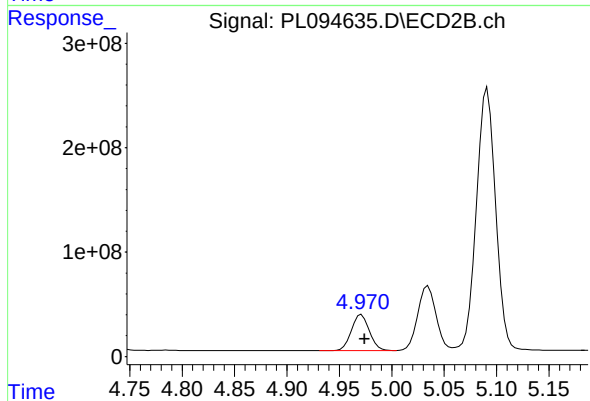
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 3242263331
Conc: 738.77 ng/ml



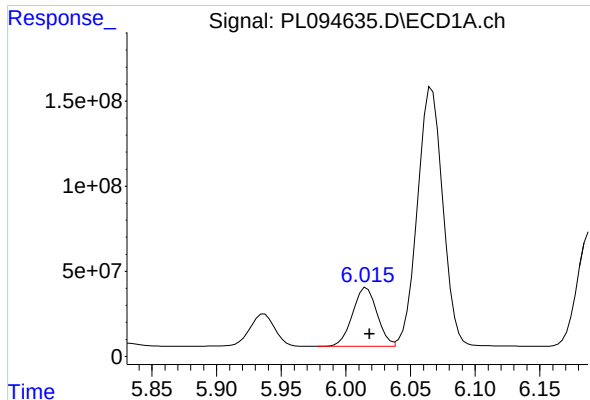
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 256598496
Conc: 76.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 416830454
Conc: 86.33 ng/ml



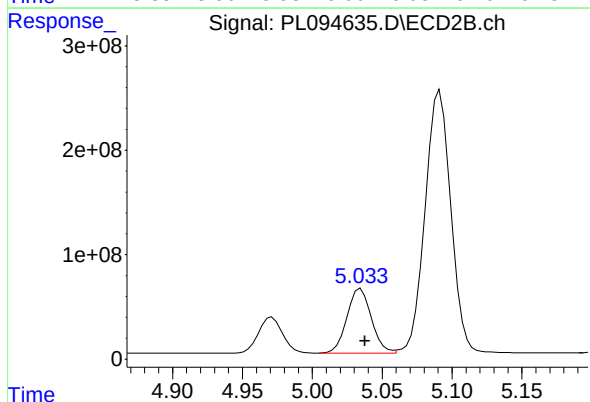
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 453369064
Conc: 137.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

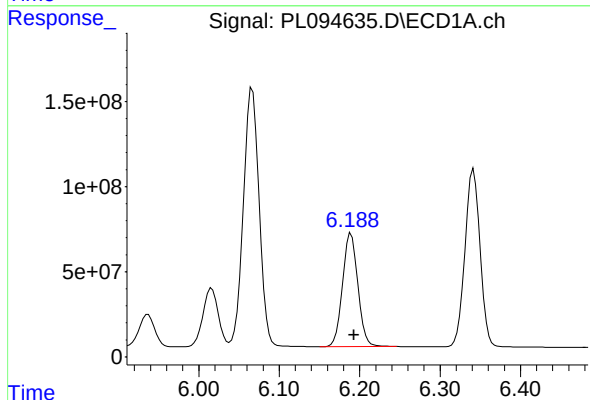
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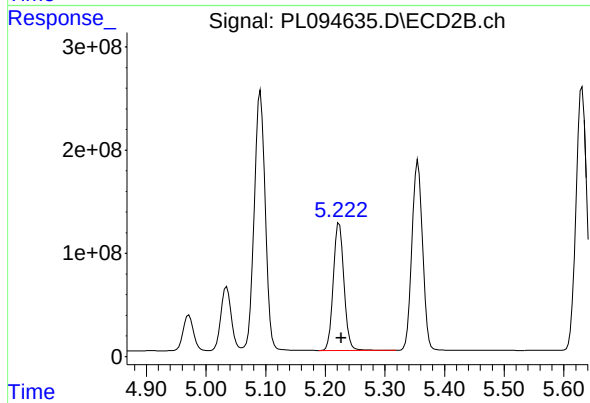
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 754410009
Conc: 158.07 ng/ml



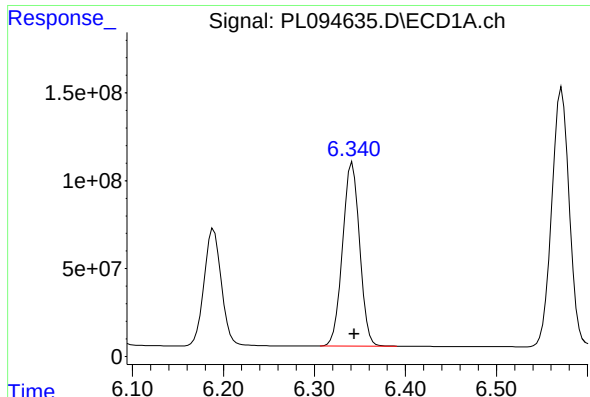
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 882570727
Conc: 299.98 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 1542519345
Conc: 331.83 ng/ml



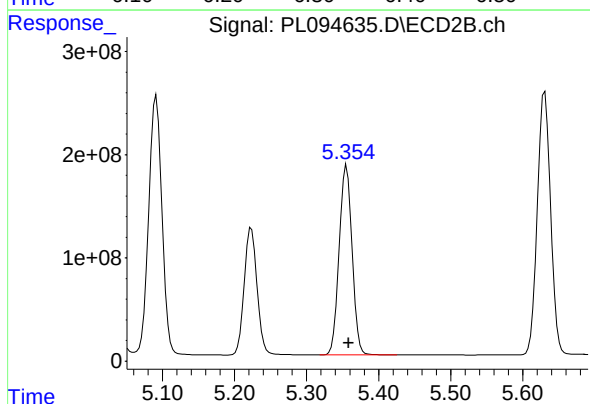
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 1363293627
Conc: 426.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

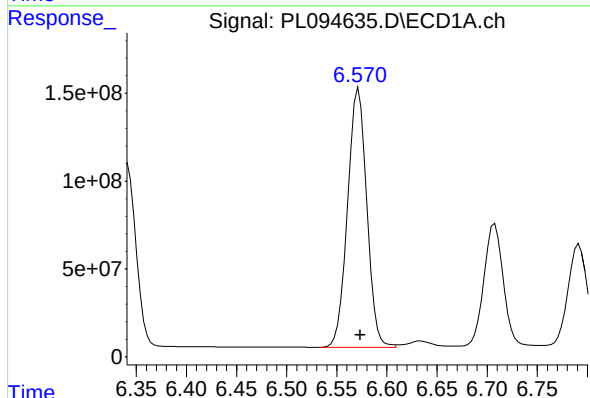
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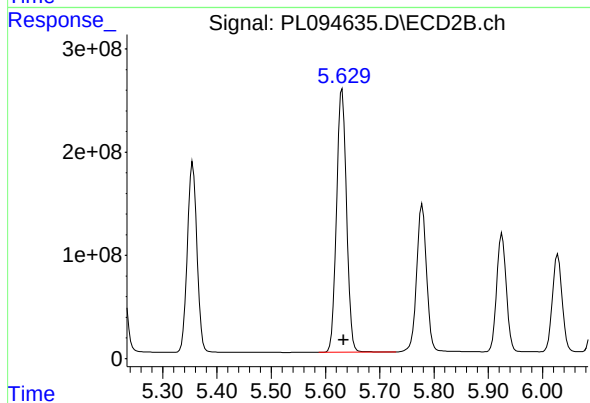
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 2277307102
Conc: 469.37 ng/ml



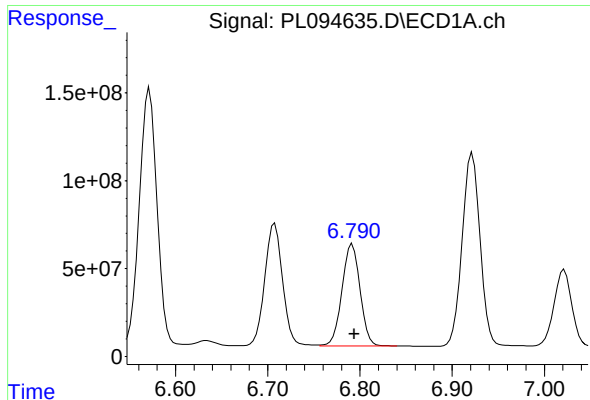
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 1974250694
Conc: 712.19 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 3279512343
Conc: 751.55 ng/ml



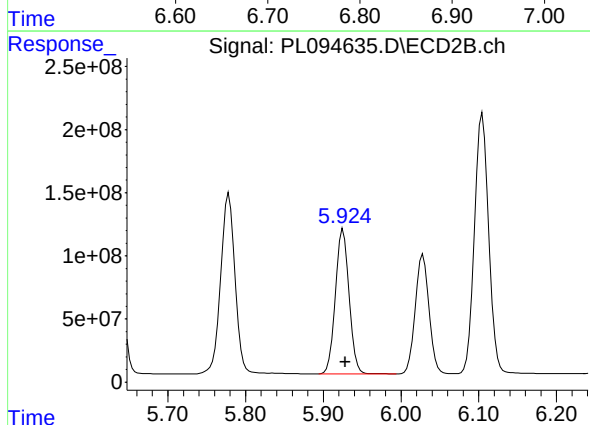
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 787369936
Conc: 290.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

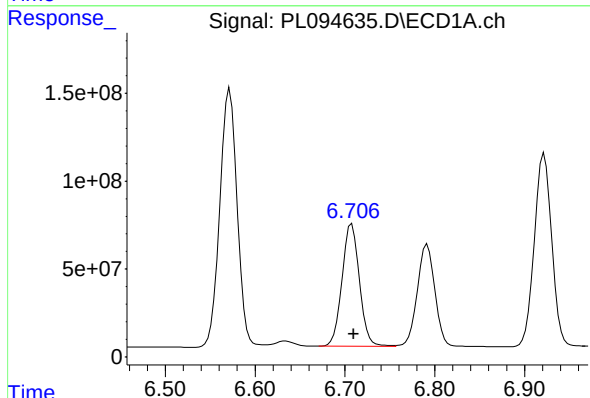
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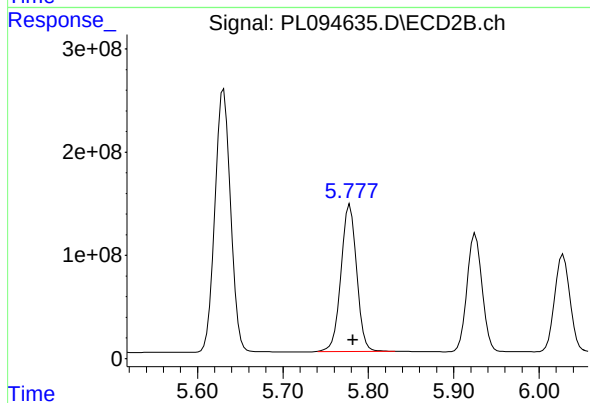
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 1408944460
Conc: 325.52 ng/ml



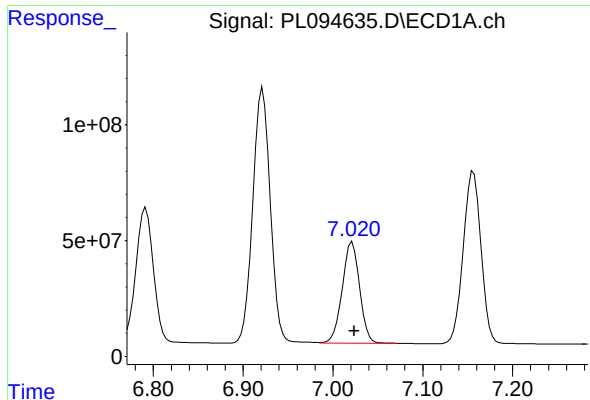
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 936333197
Conc: 432.27 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1808733170
Conc: 503.00 ng/ml



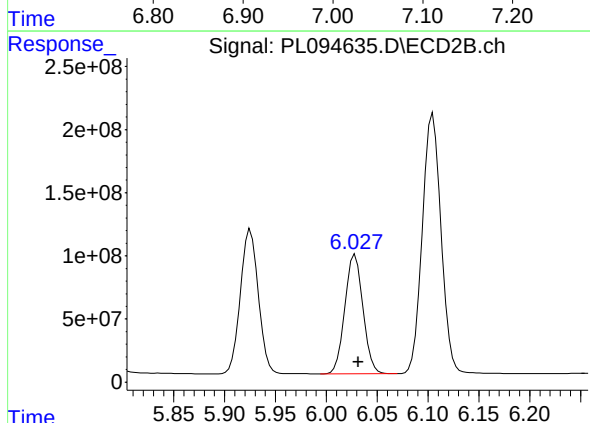
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 587958650
Conc: 247.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

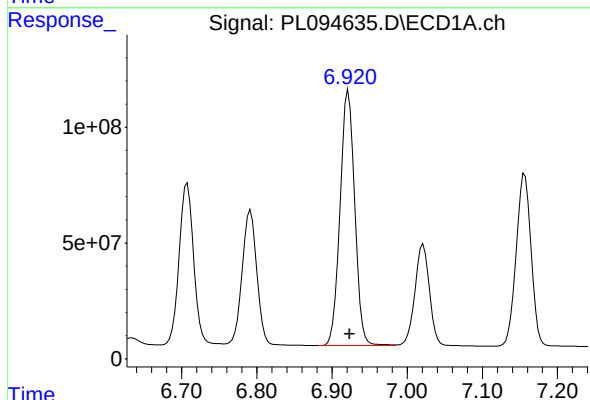
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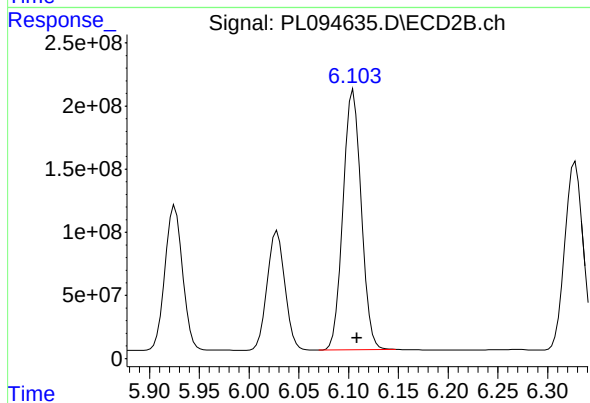
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 1169822017
Conc: 290.13 ng/ml



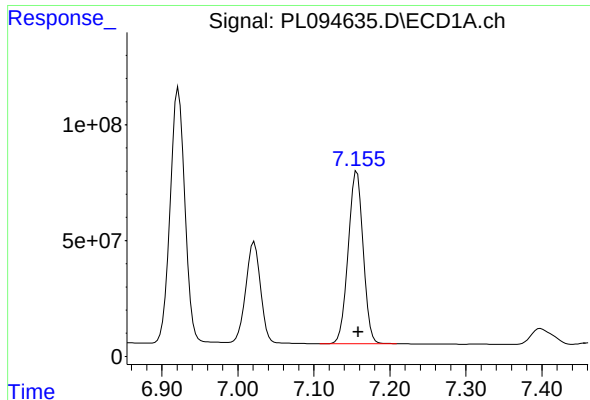
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 1496004382
Conc: 708.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 2627040151
Conc: 780.61 ng/ml



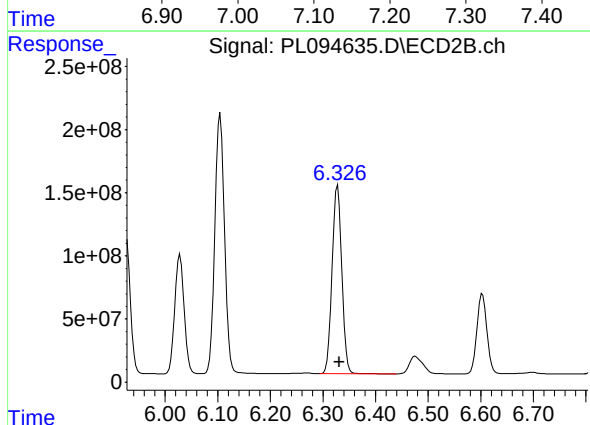
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 1022476456
Conc: 420.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

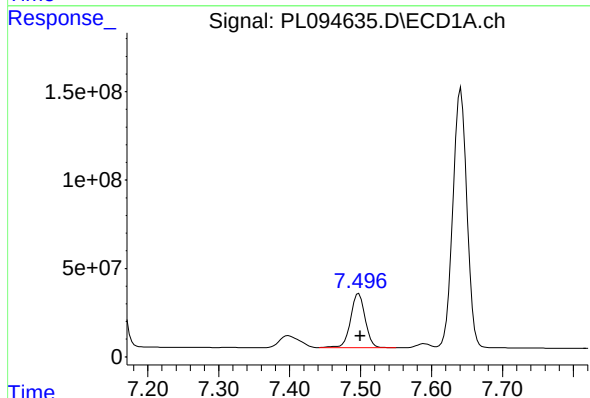
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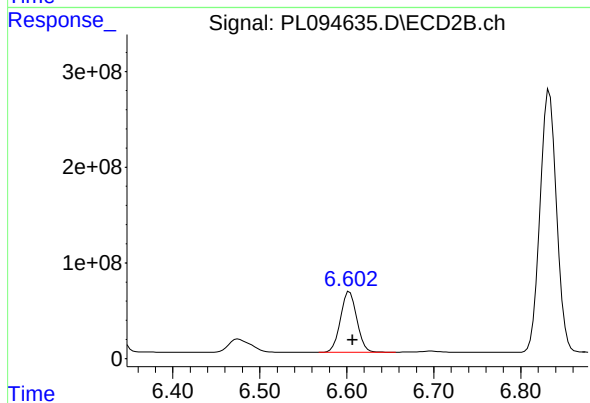
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 1933481738
Conc: 474.66 ng/ml



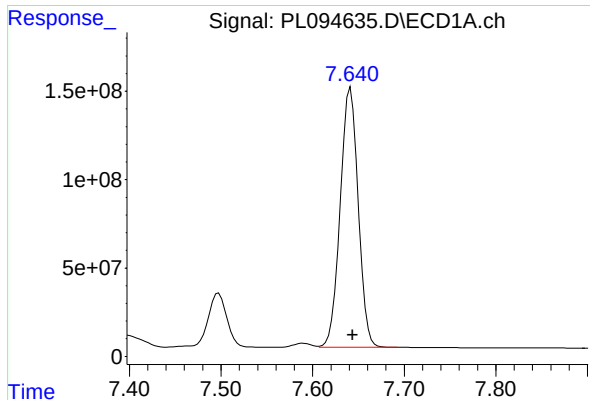
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 436403642
Conc: 364.56 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 834807749
Conc: 393.58 ng/ml



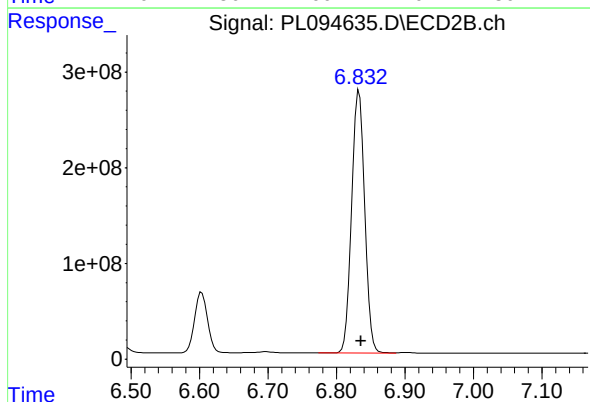
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 2011685916
Conc: 761.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

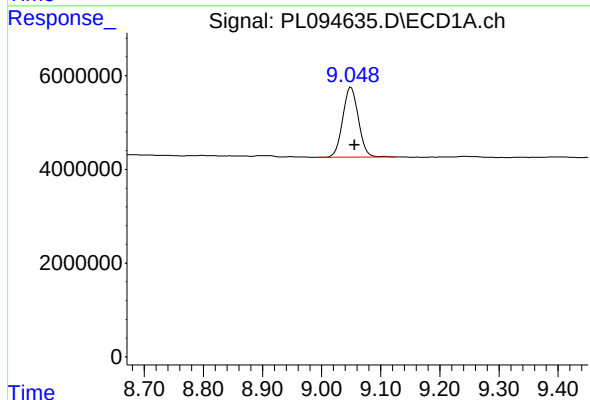
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



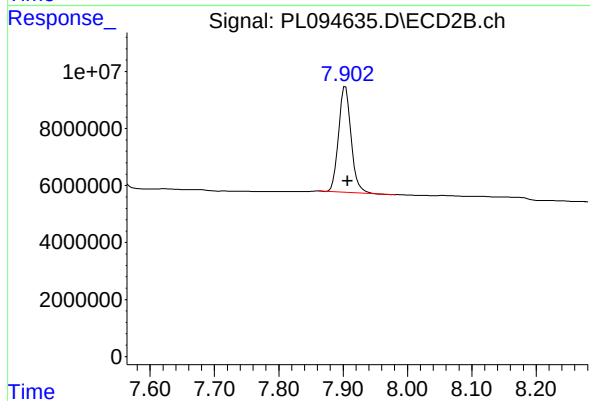
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 3634733565
Conc: 761.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 27468780
Conc: 13.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 50302799
Conc: 12.45 ng/ml