

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
 Data File : PL095826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2025 14:14
 Operator : AR\AJ
 Sample : Q2136-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-646-COMP-52MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 00:52:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.571	2.885	51947300	63985495	16.464m	16.348
28) SA Decachlor...	9.100	8.061	35223870	68470837	14.949	15.652
Target Compounds						
2) A alpha-BHC	4.024	3.395	216.0E6	265.6E6	44.558	45.349
3) MA gamma-BHC...	4.355	3.728	199.8E6	253.2E6	44.671	45.210
4) MA Heptachlor	4.954	4.082	169.3E6	248.4E6	44.734	44.279
5) MB Aldrin	5.296	4.366	194.7E6	242.2E6	45.519	45.635
6) B beta-BHC	4.543	4.024	88354903	107.3E6	44.819	43.313
7) B delta-BHC	4.791	4.260	200.7E6	257.1E6	45.278	45.533
8) B Heptachlo...	5.718	4.868	174.6E6	226.7E6	45.744	45.912
9) A Endosulfan I	6.100	5.241	166.1E6	220.3E6	45.309	46.241
10) B gamma-Chl...	5.972	5.121	179.1E6	240.9E6	46.014	45.854
11) B alpha-Chl...	6.053	5.185	177.9E6	240.0E6	45.061	46.127
12) B 4,4'-DDE	6.223	5.372	168.1E6	242.0E6	45.843	45.126
13) MA Dieldrin	6.374	5.506	177.5E6	240.6E6	45.997	45.403
14) MA Endrin	6.601	5.780	142.2E6	217.5E6	44.054	44.596
15) B Endosulfa...	6.814	6.071	149.9E6	218.8E6	43.497	46.055
16) A 4,4'-DDD	6.733	5.924	136.3E6	202.7E6	46.498	46.226
17) MA 4,4'-DDT	7.049	6.178	116.2E6	207.8E6	42.964	43.442
18) B Endrin al...	6.943	6.249	110.3E6	160.3E6	45.615	46.409
19) B Endosulfa...	7.177	6.472	133.6E6	203.7E6	44.736	45.315
20) A Methoxychlor	7.521	6.748	56657261	111.3E6	44.426	42.538
21) B Endrin ke...	7.658	6.978	143.3E6	245.0E6	45.260	47.360
22) Mirex	8.140	7.172	105.8E6	186.6E6	45.719	45.946

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052925\
Data File : PL095826.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2025 14:14
Operator : AR\AJ
Sample : Q2136-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

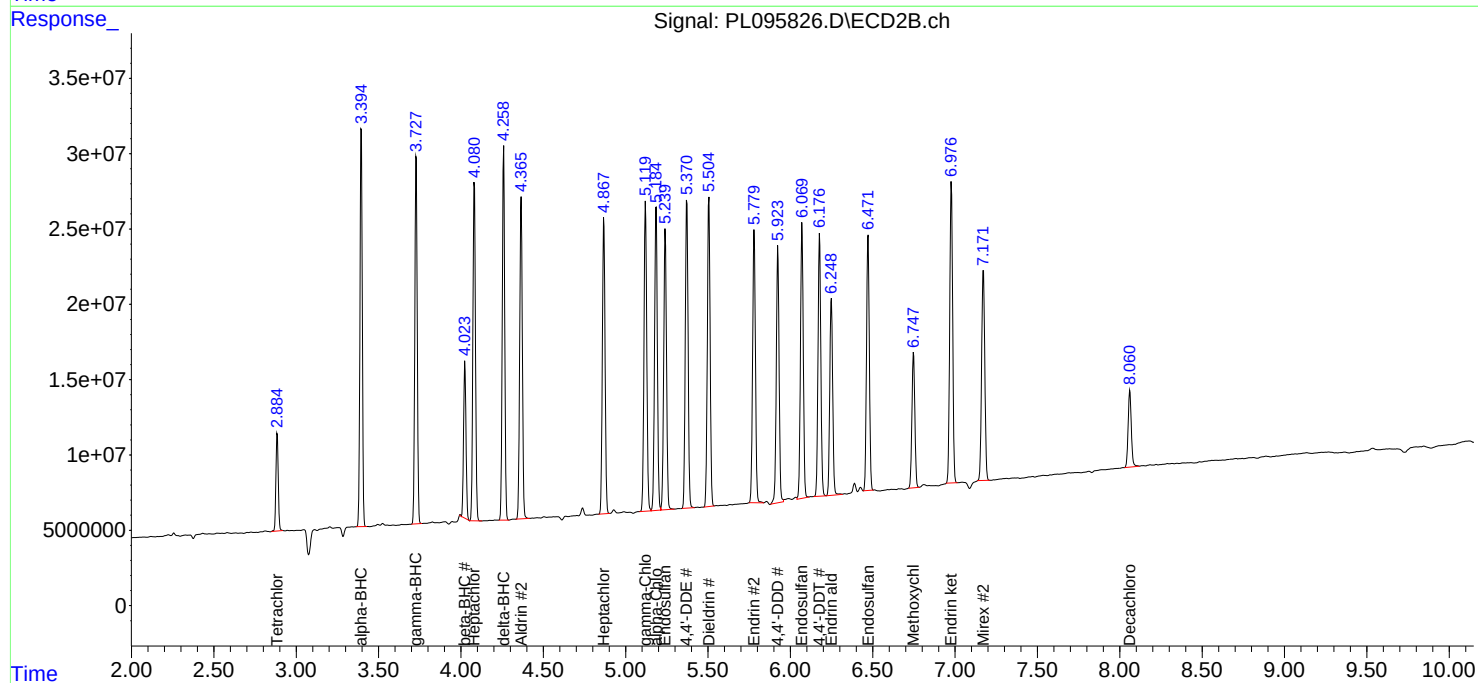
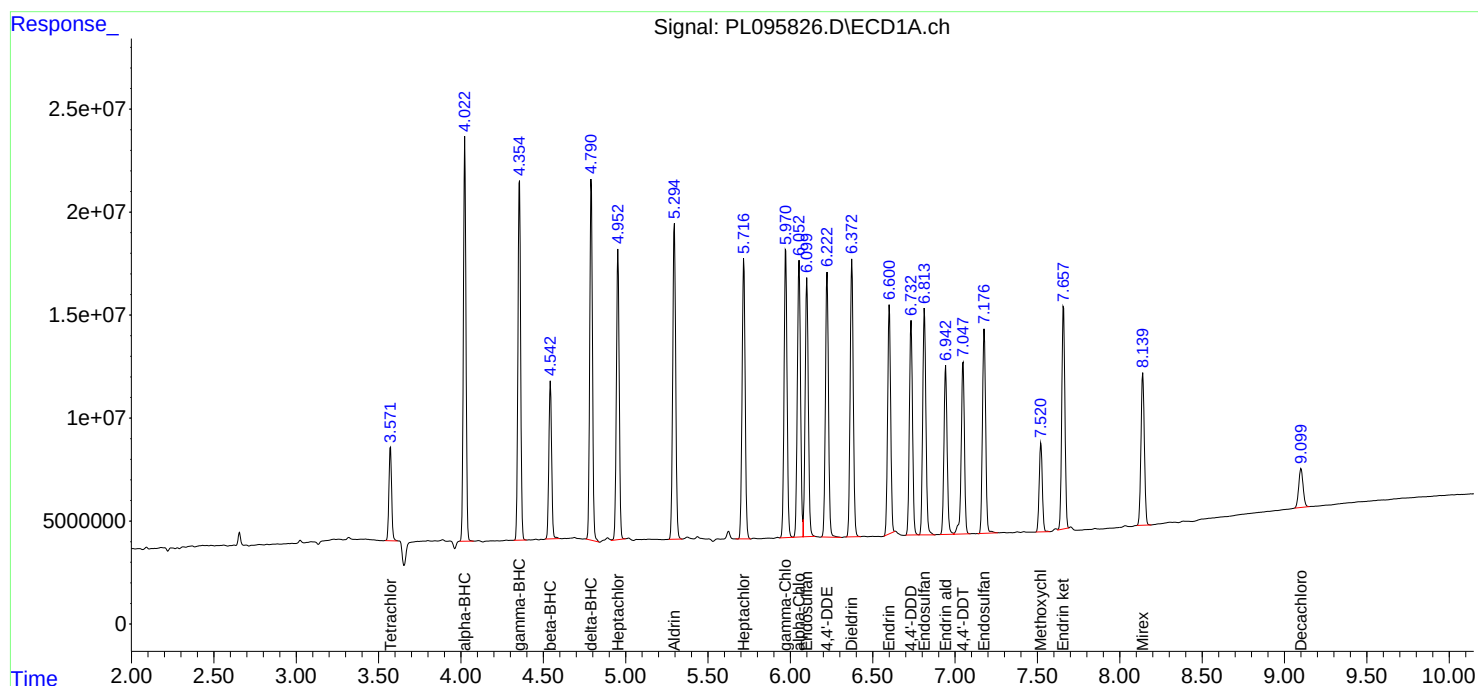
Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

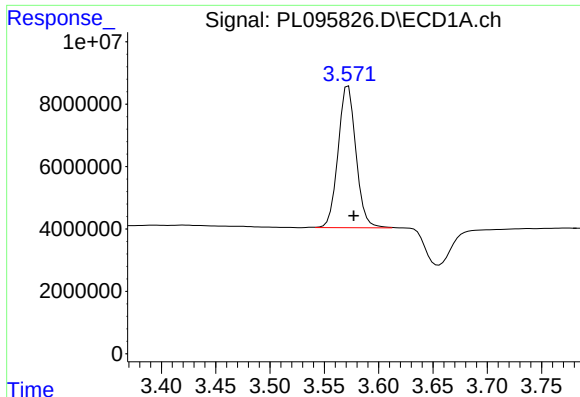
Manual Integrations
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Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 00:52:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





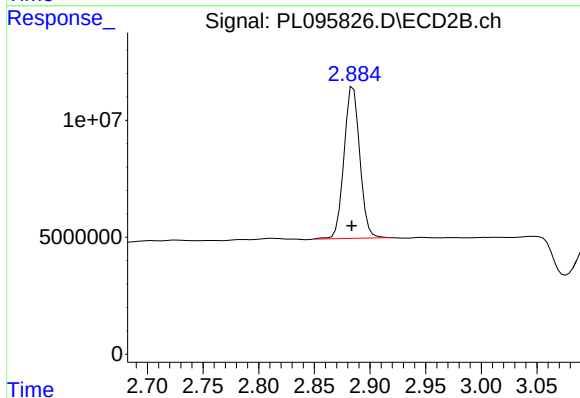
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 51947300
Conc: 16.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

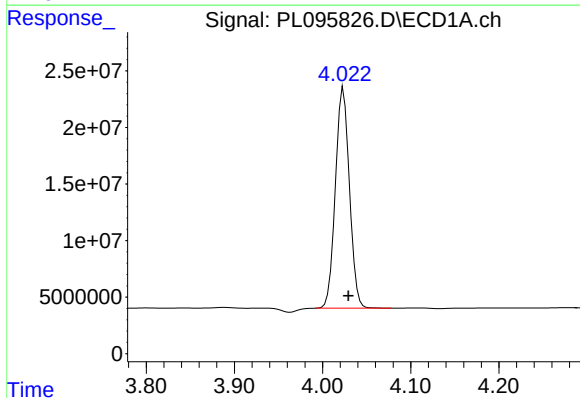
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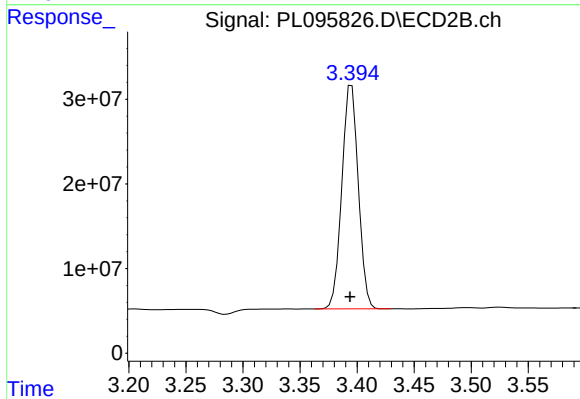
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 63985495
Conc: 16.35 ng/ml



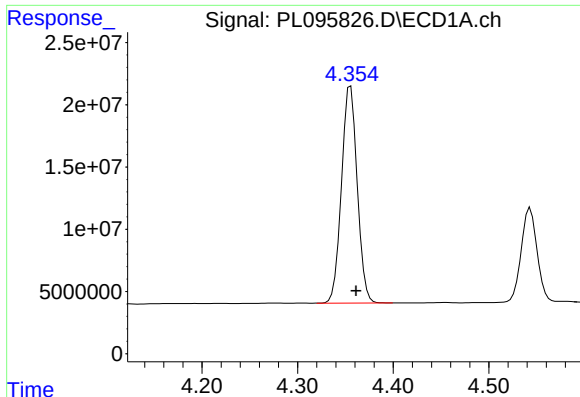
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 216015509
Conc: 44.56 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 265625213
Conc: 45.35 ng/ml



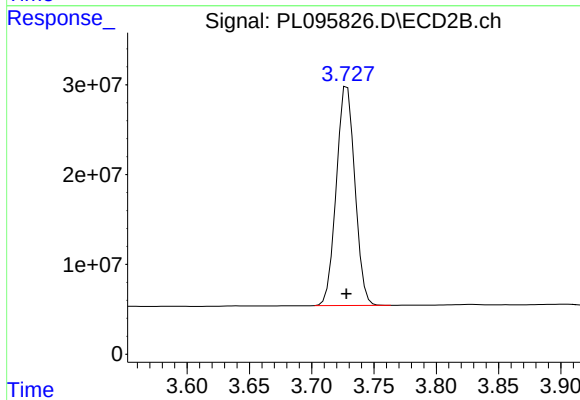
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 199764155
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

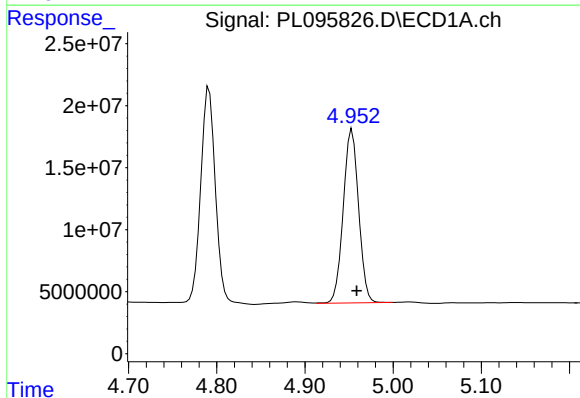
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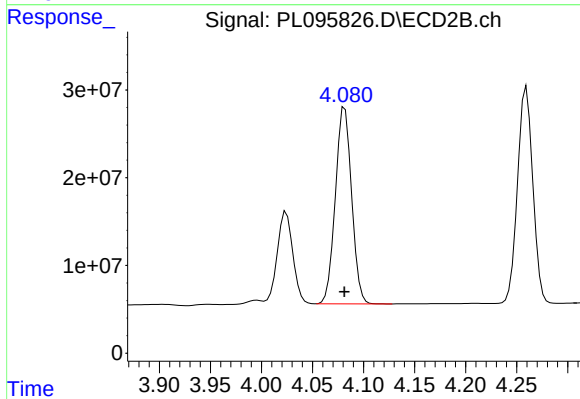
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 253230574
Conc: 45.21 ng/ml



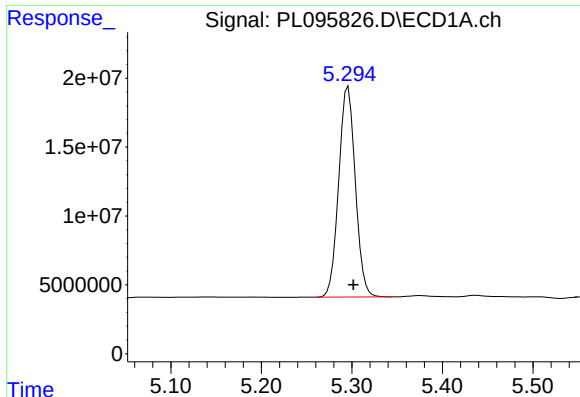
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 169318597
Conc: 44.73 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 248364721
Conc: 44.28 ng/ml



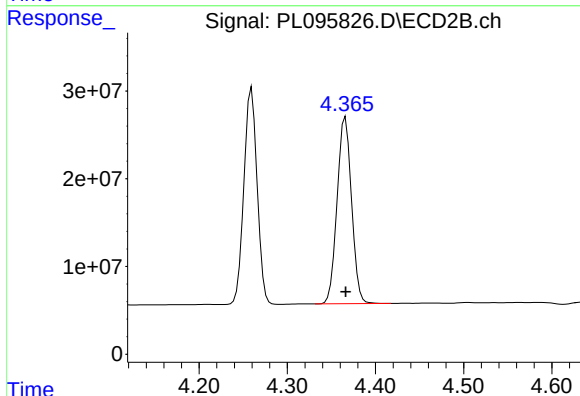
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 194719389
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

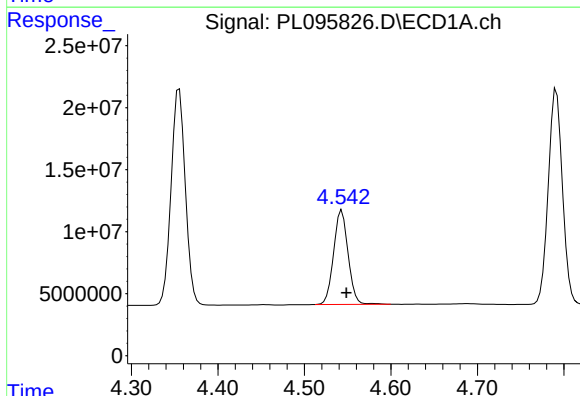
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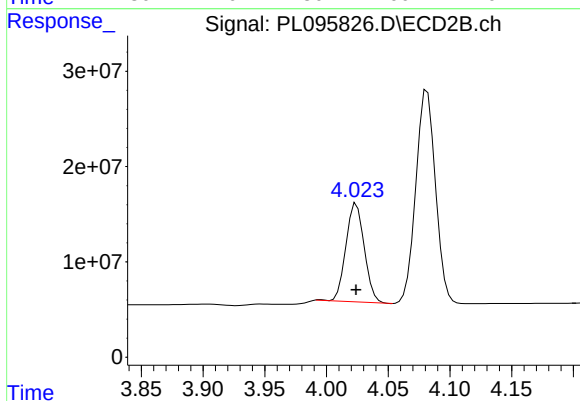
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 242192031
Conc: 45.64 ng/ml



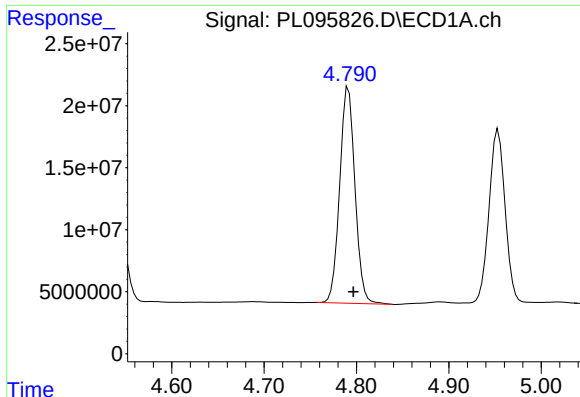
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 88354903
Conc: 44.82 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 107309217
Conc: 43.31 ng/ml



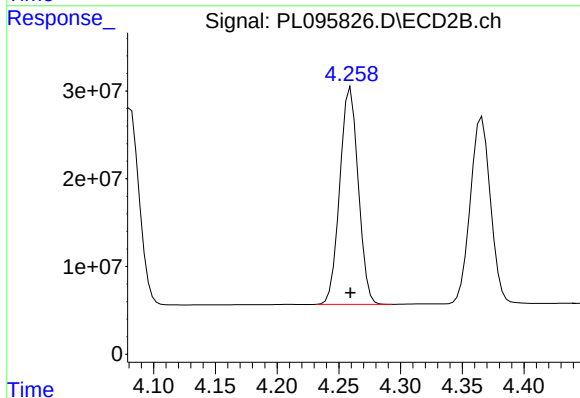
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 200747075
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

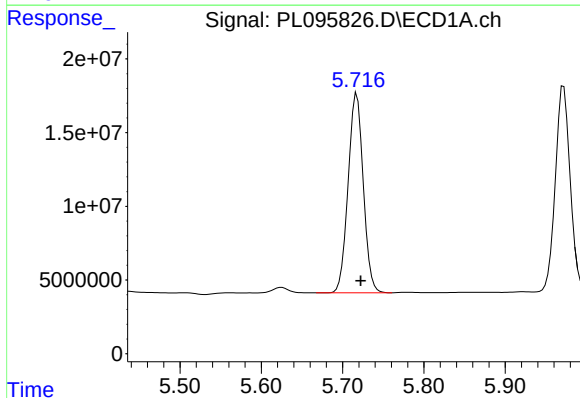
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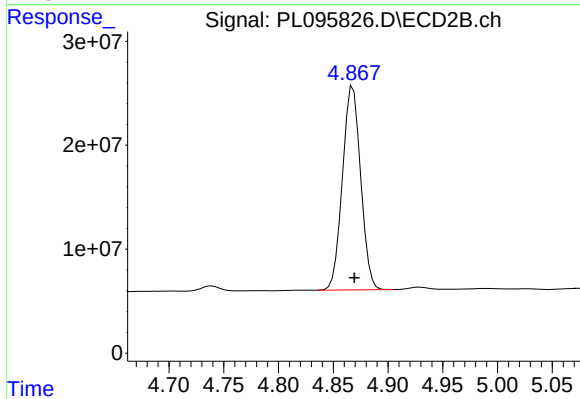
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 257139977
Conc: 45.53 ng/ml



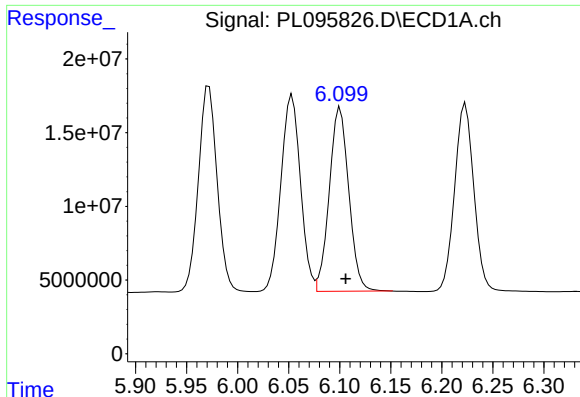
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.005 min
Response: 174598347
Conc: 45.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 226685317
Conc: 45.91 ng/ml



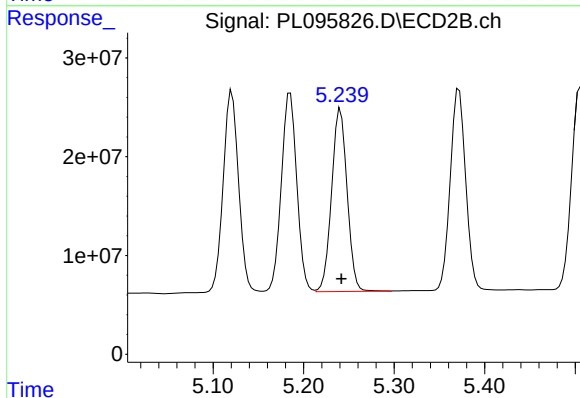
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 166051430
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

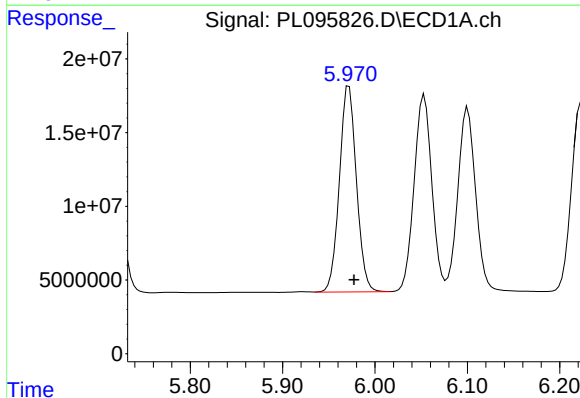
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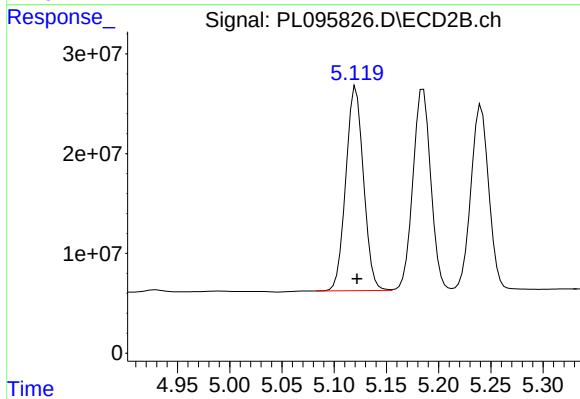
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: -0.001 min
Response: 220336271
Conc: 46.24 ng/ml



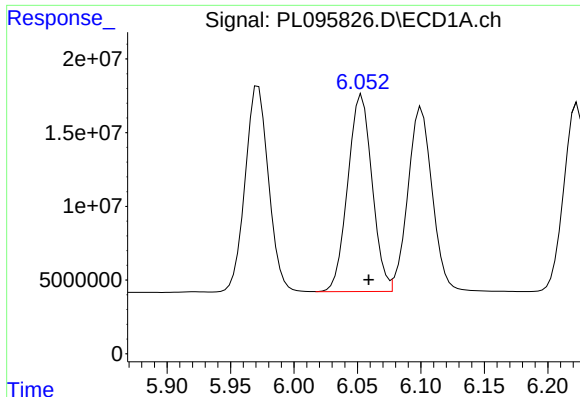
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.006 min
Response: 179089789
Conc: 46.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 240858091
Conc: 45.85 ng/ml



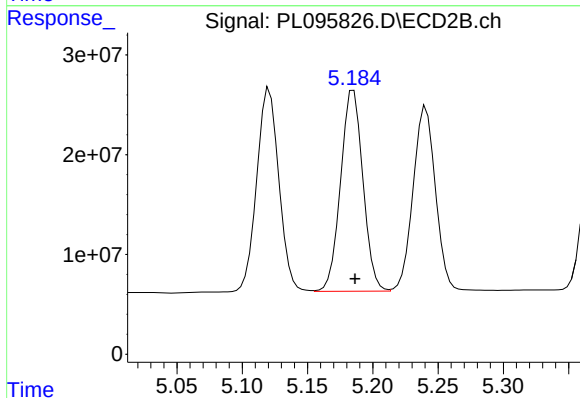
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.005 min
Response: 177909462
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

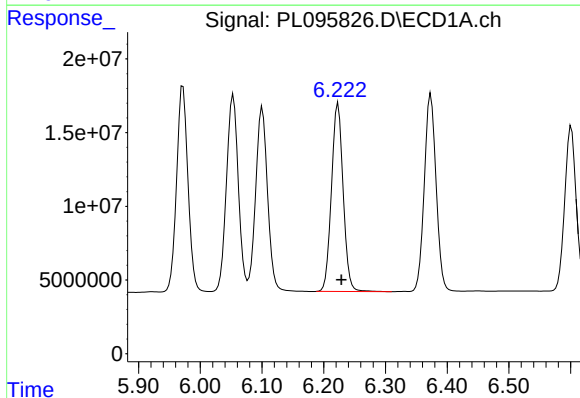
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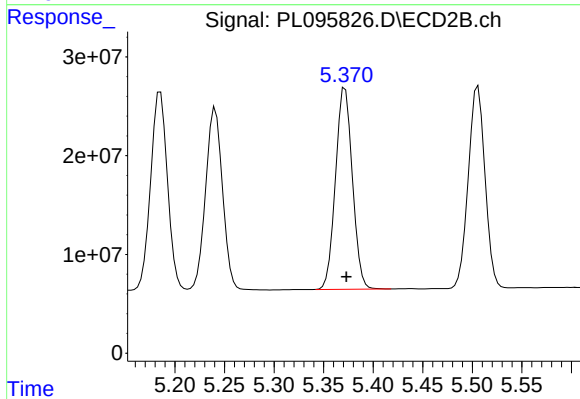
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 239988115
Conc: 46.13 ng/ml



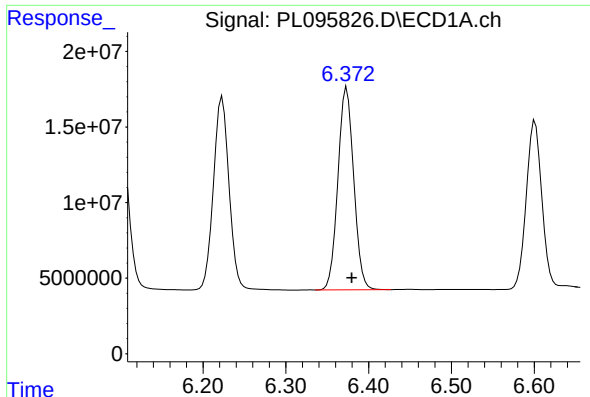
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 168148577
Conc: 45.84 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 241972816
Conc: 45.13 ng/ml



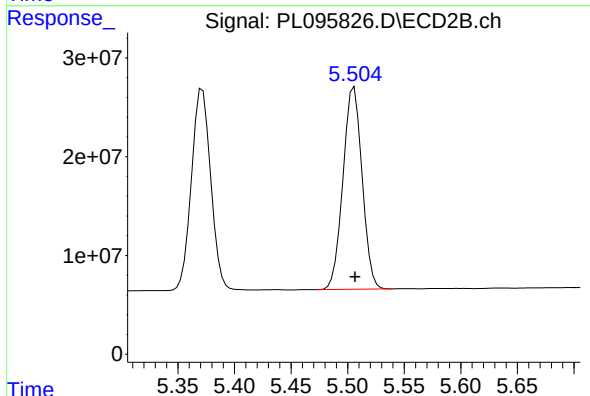
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 177509899
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

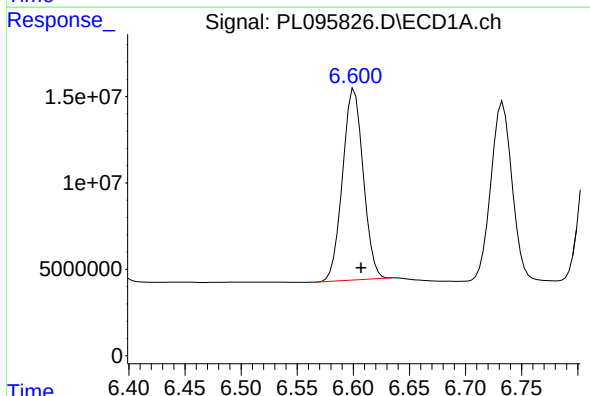
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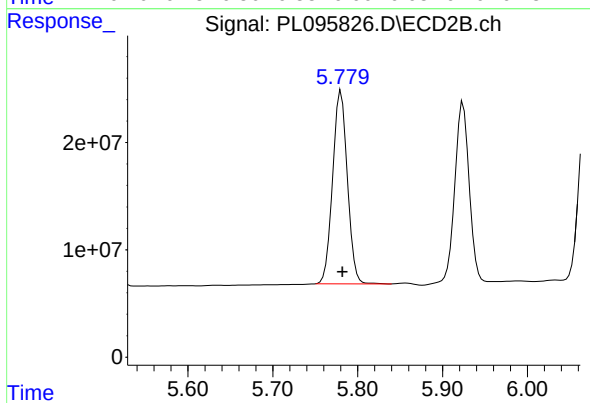
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 240640805
Conc: 45.40 ng/ml



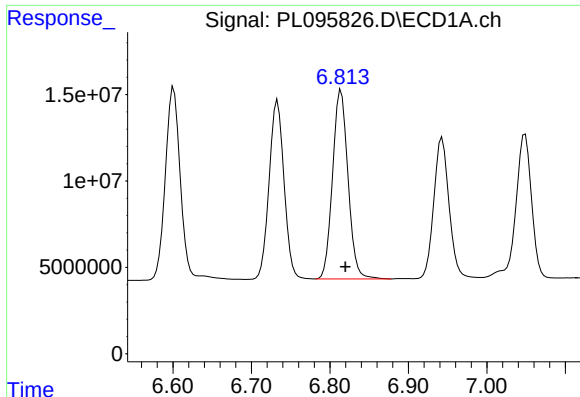
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 142151975
Conc: 44.05 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 217453823
Conc: 44.60 ng/ml



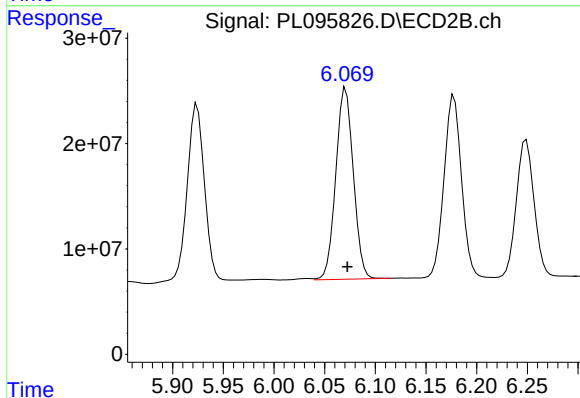
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 149892829
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

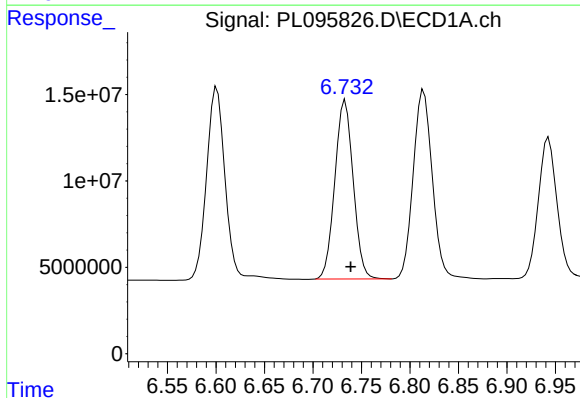
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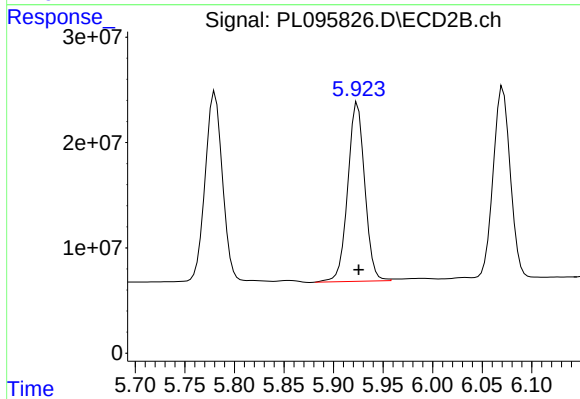
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 218844528
Conc: 46.06 ng/ml



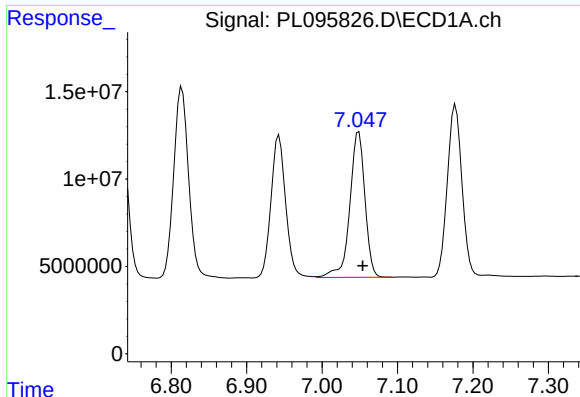
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 136266245
Conc: 46.50 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 202696326
Conc: 46.23 ng/ml



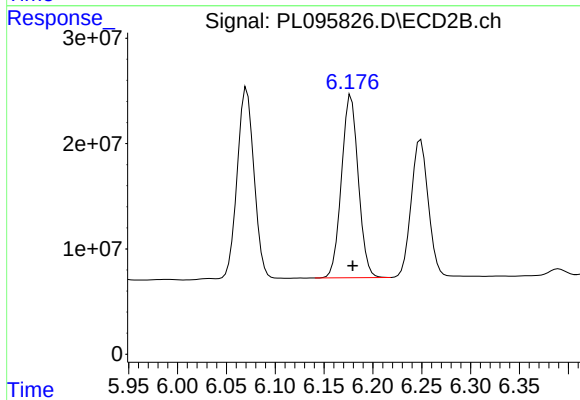
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 116224960
Conc: 42.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

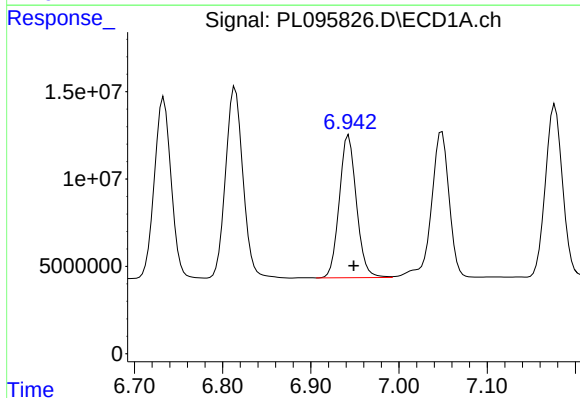
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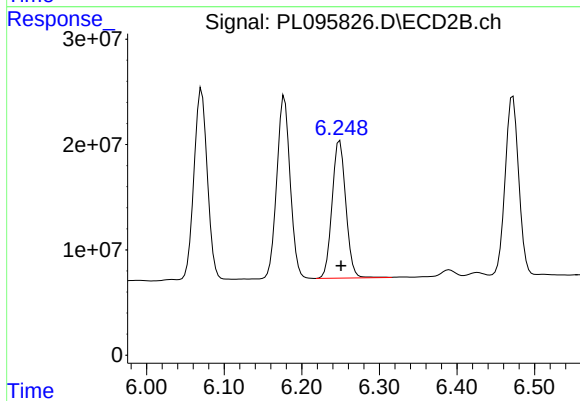
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 207764013
Conc: 43.44 ng/ml



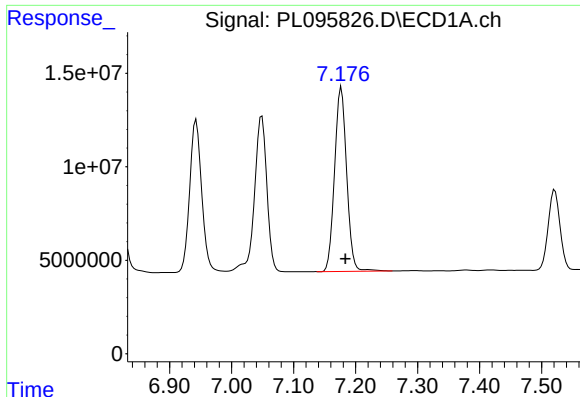
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 110279526
Conc: 45.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 160309473
Conc: 46.41 ng/ml



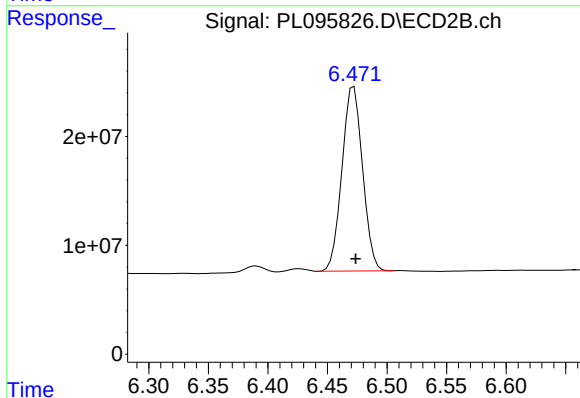
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.006 min
Response: 133622050
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

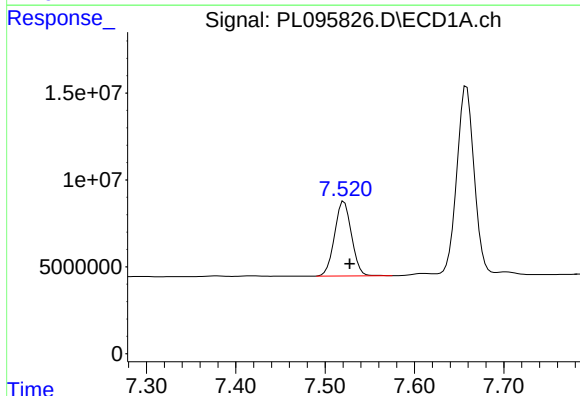
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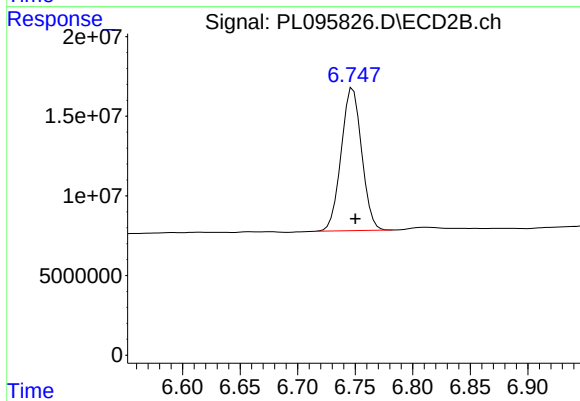
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 203678801
Conc: 45.31 ng/ml



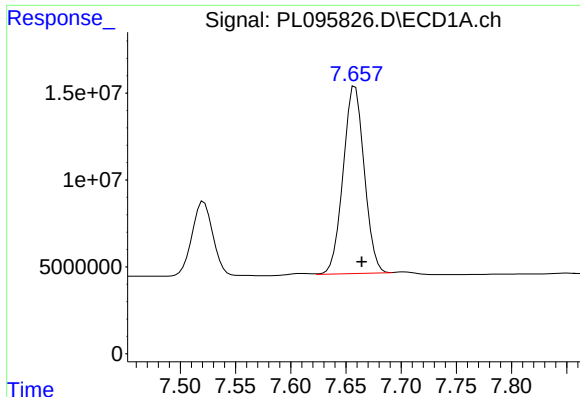
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.006 min
Response: 56657261
Conc: 44.43 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 111283651
Conc: 42.54 ng/ml



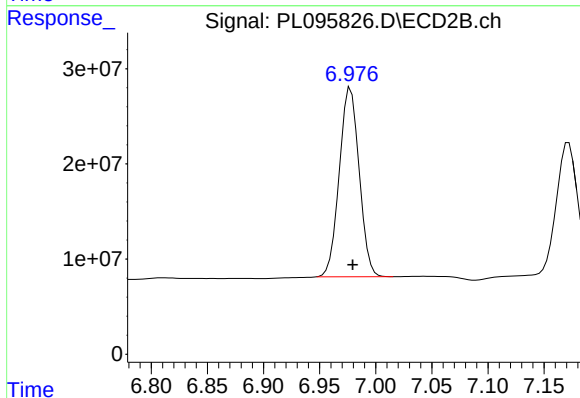
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 143334488
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-646-COMP-52MS

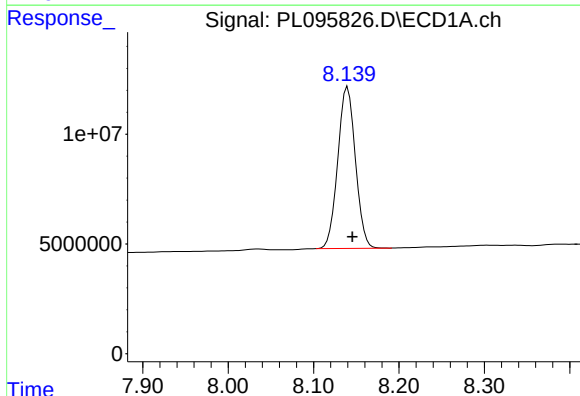
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/30/2025
Supervised By :mohammad ahmed 05/30/2025



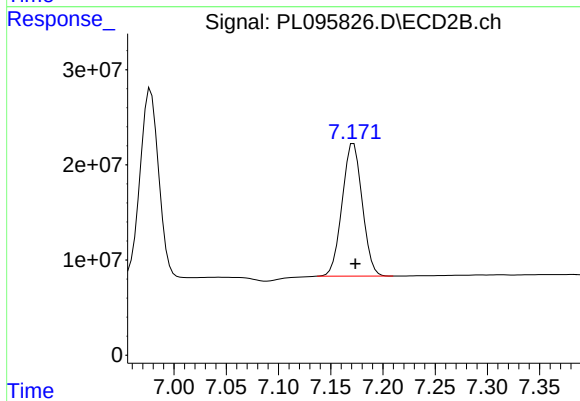
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 245035635
Conc: 47.36 ng/ml



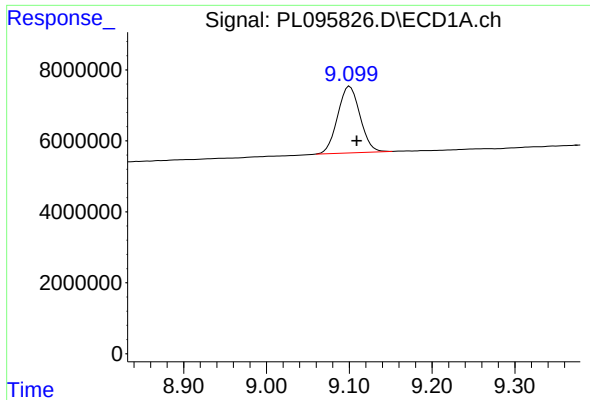
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 105782887
Conc: 45.72 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 186564754
Conc: 45.95 ng/ml



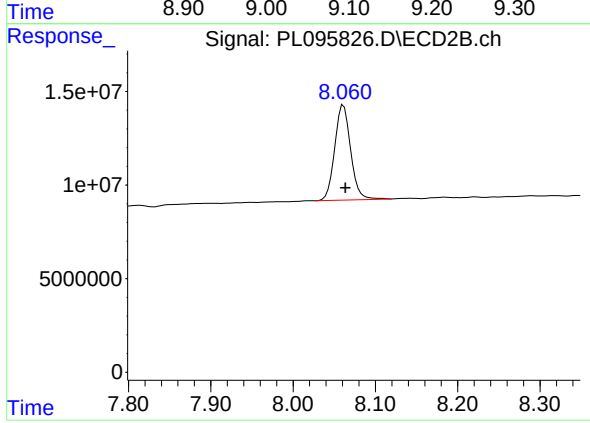
#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.008 min
Response: 35223870
Conc: 14.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 68470837
Conc: 15.65 ng/ml