

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052825\
 Data File : PL095815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2025 15:26
 Operator : AR\AJ
 Sample : Q2128-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP03-MHMMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/29/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:23:20 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...	3.570	2.885	53123847	65496322	16.837m	16.734
2) SA Decachlor...	9.097	8.059	39368351	71701970	16.707	16.391
Target Compounds						
2) A alpha-BHC	4.023	3.395	239.3E6	296.1E6	49.367	50.546
3) MA gamma-BHC...	4.355	3.729	221.1E6	280.5E6	49.451	50.070
4) MA Heptachlor	4.952	4.081	186.6E6	275.2E6	49.298	49.065
5) MB Aldrin	5.295	4.366	213.5E6	264.9E6	49.899	49.919
6) B beta-BHC	4.543	4.024	92055617	118.3E6	46.696	47.731
7) B delta-BHC	4.791	4.259	219.1E6	282.3E6	49.415	49.980
8) B Heptachlo...	5.716	4.868	189.0E6	242.4E6	49.516	49.088
9) A Endosulfan I	6.099	5.240	182.2E6	222.7E6	49.712	46.745
10) B gamma-Chl...	5.971	5.121	199.0E6	251.9E6	51.140	47.952
11) B alpha-Chl...	6.052	5.185	195.6E6	251.7E6	49.530	48.383
12) B 4,4'-DDE	6.222	5.372	175.9E6	258.2E6	47.965	48.146
13) MA Dieldrin	6.373	5.505	191.5E6	253.2E6	49.616	47.774
14) MA Endrin	6.599	5.780	155.4E6	229.6E6	48.145	47.080
15) B Endosulfa...	6.812	6.070	161.0E6	224.7E6	46.714	47.293
16) A 4,4'-DDD	6.732	5.923	146.4E6	200.8E6	49.971	45.801
17) MA 4,4'-DDT	7.047	6.177	128.3E6	220.2E6	47.416	46.039
18) B Endrin al...	6.942	6.248	119.0E6	164.5E6	49.228	47.612
19) B Endosulfa...	7.175	6.472	141.4E6	209.3E6	47.334	46.556
20) A Methoxychlor	7.520	6.747	61769505	118.1E6	48.434	45.126
21) B Endrin ke...	7.655	6.976	160.1E6	243.1E6	50.555m	46.990
22) Mirex	8.138	7.170	119.3E6	186.5E6	51.555	45.931

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052825\
Data File : PL095815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2025 15:26
Operator : AR\AJ
Sample : Q2128-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

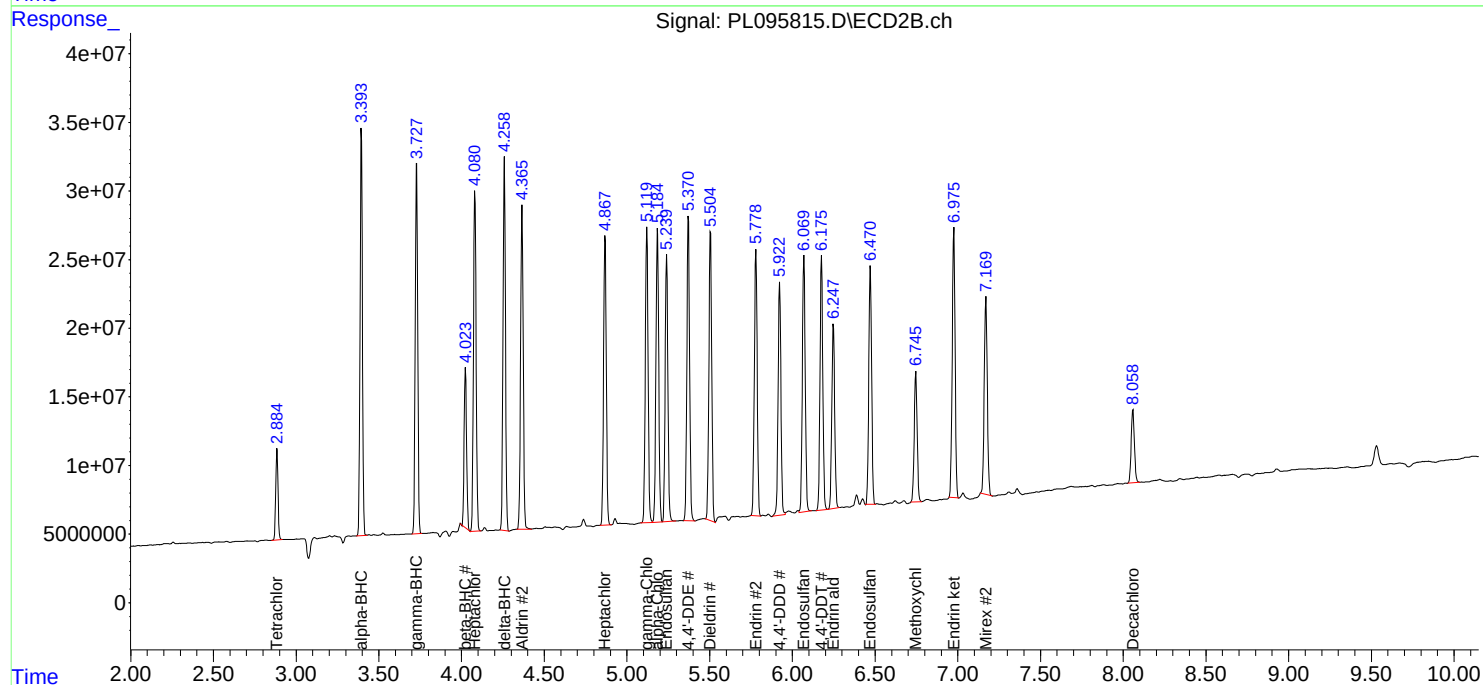
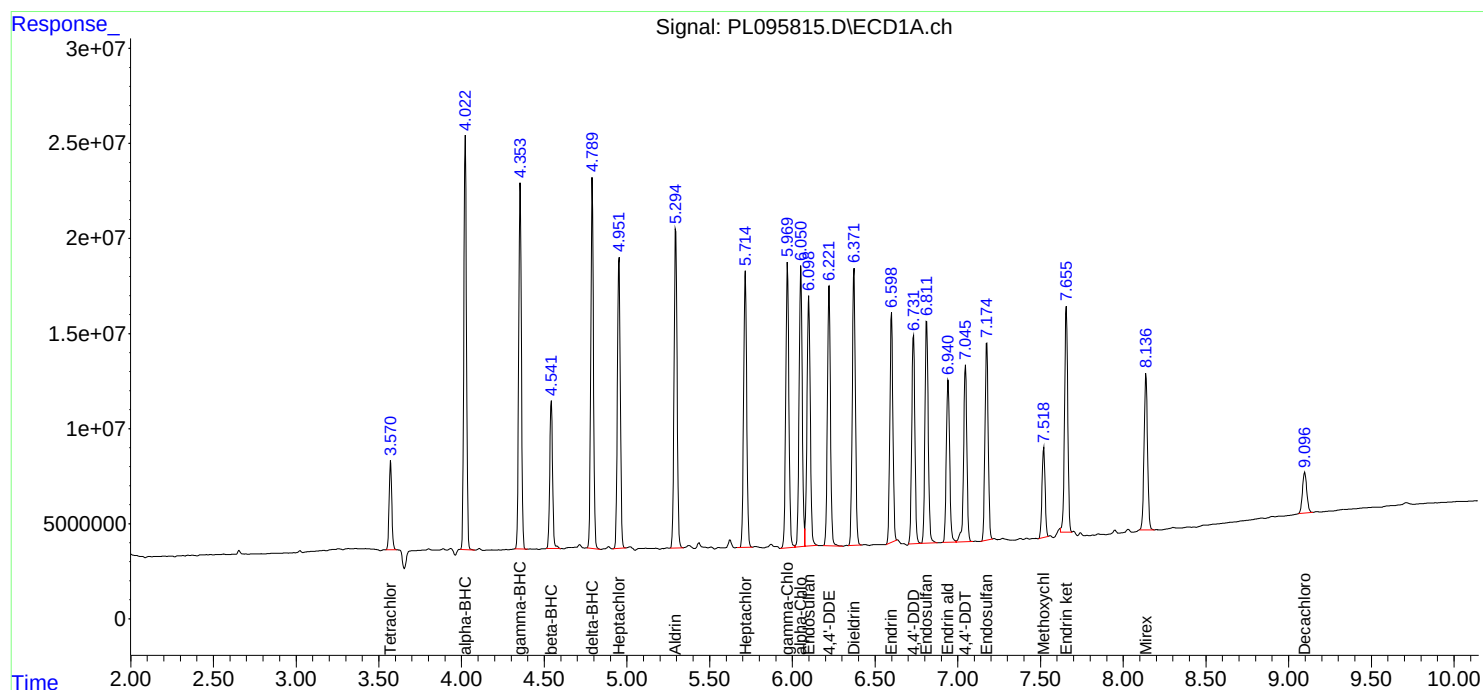
Instrument :
ECD_L
ClientSampleId :
TP03-MHMSD

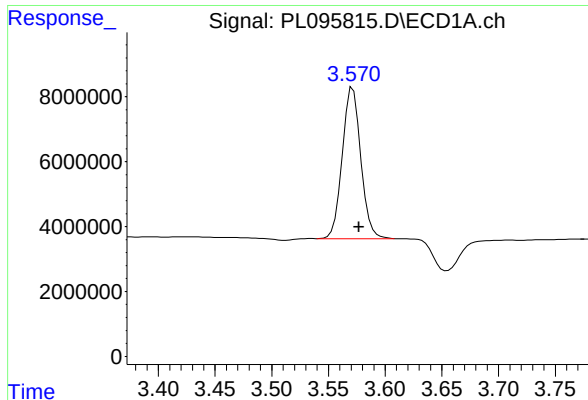
Manual Integrations
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Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 02:23:20 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





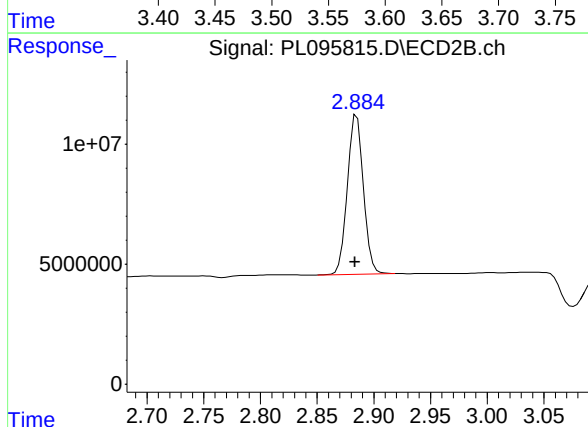
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.007 min
Response: 53123847
Conc: 16.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

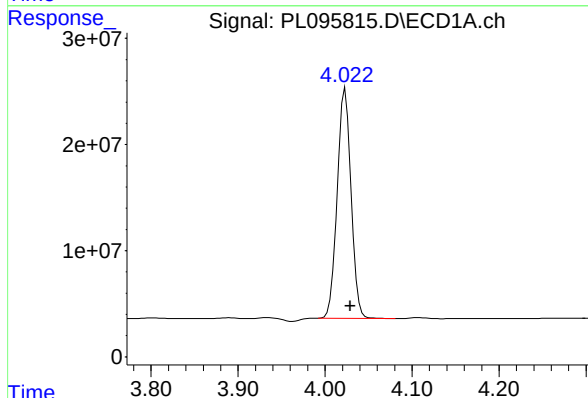
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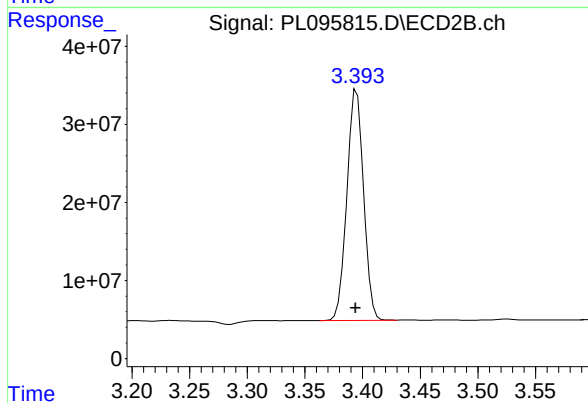
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 65496322
Conc: 16.73 ng/ml



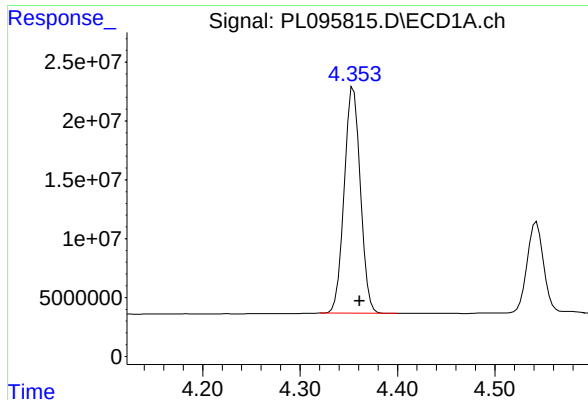
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 239325665
Conc: 49.37 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 296068273
Conc: 50.55 ng/ml



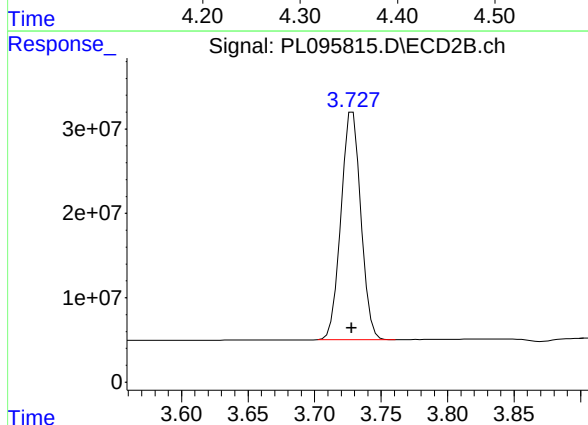
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 221135673
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

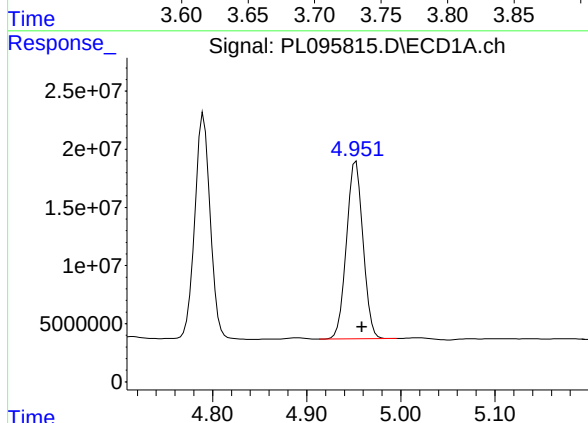
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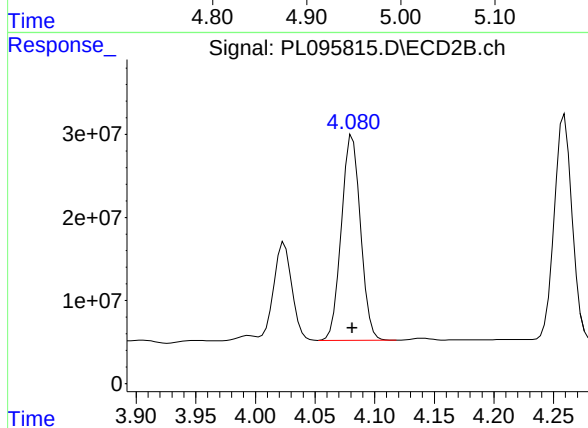
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 280452625
Conc: 50.07 ng/ml



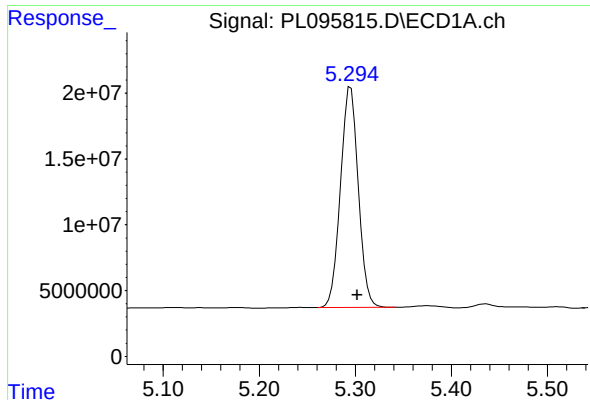
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: -0.006 min
Response: 186594920
Conc: 49.30 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 275206362
Conc: 49.06 ng/ml



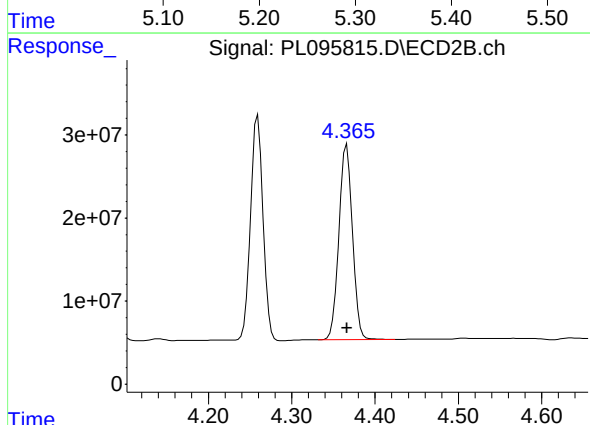
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 213456420
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

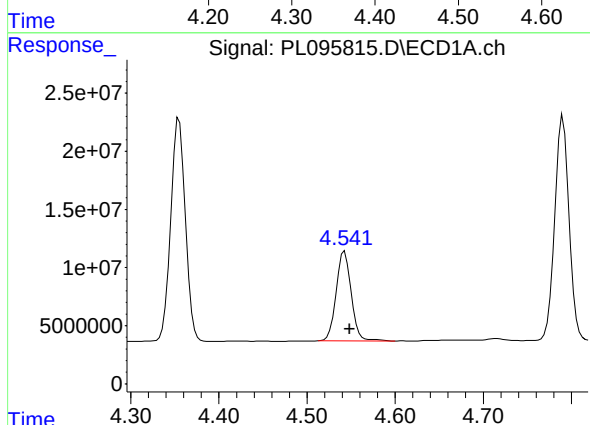
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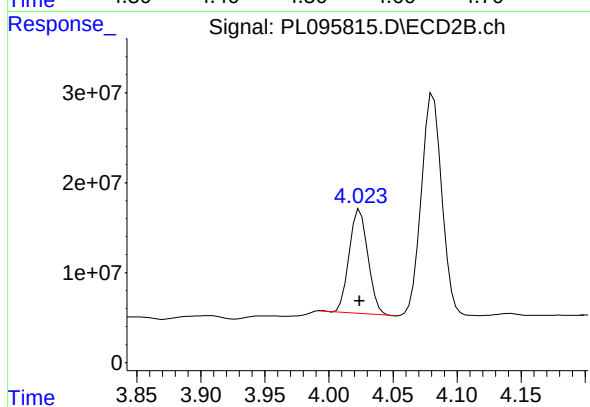
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 264926295
Conc: 49.92 ng/ml



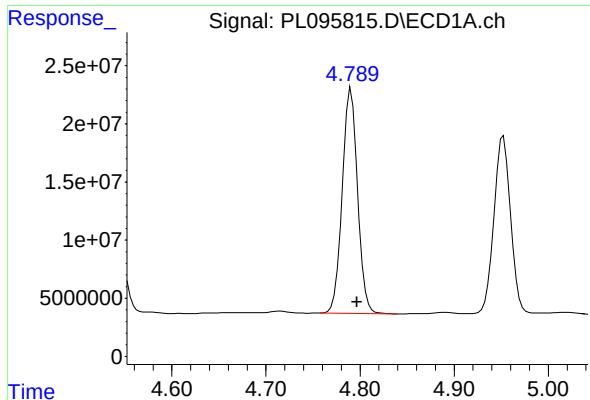
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 92055617
Conc: 46.70 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 118255413
Conc: 47.73 ng/ml



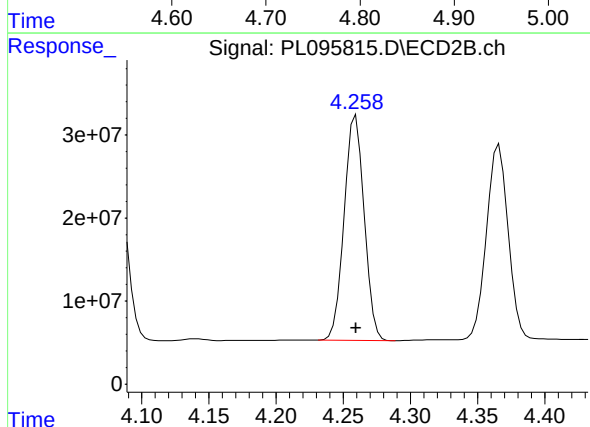
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 219087470
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

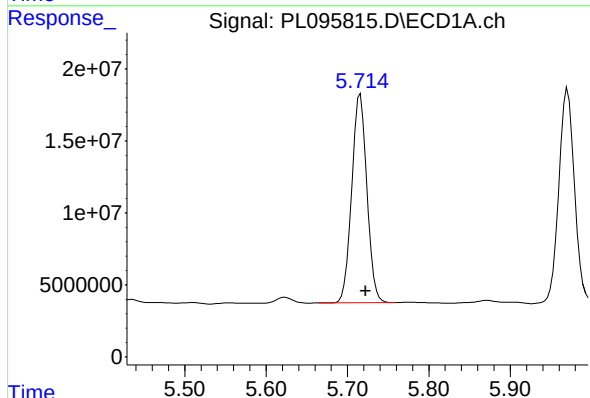
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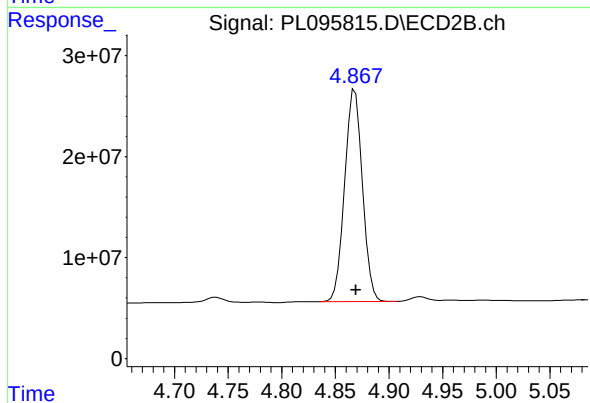
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 282257464
Conc: 49.98 ng/ml



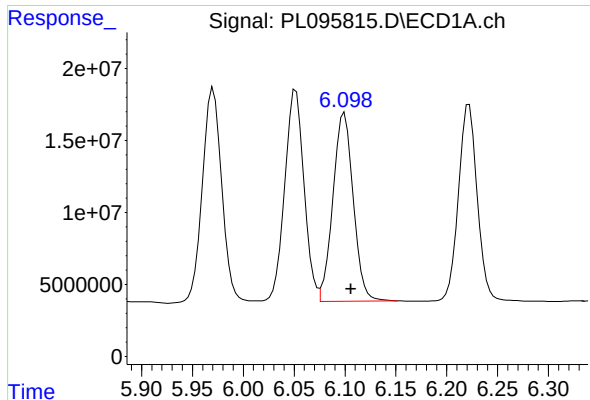
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 188995876
Conc: 49.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 242369696
Conc: 49.09 ng/ml



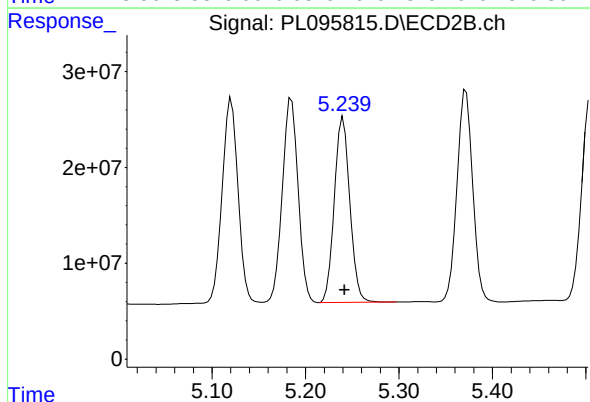
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 182185068
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

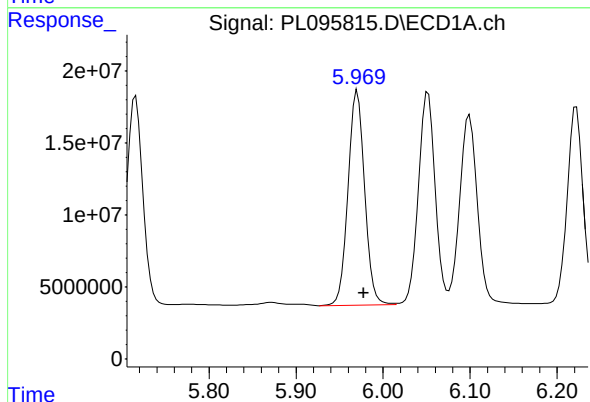
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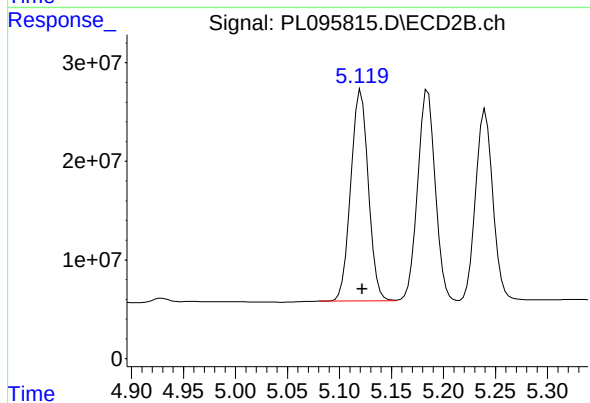
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 222739103
Conc: 46.75 ng/ml



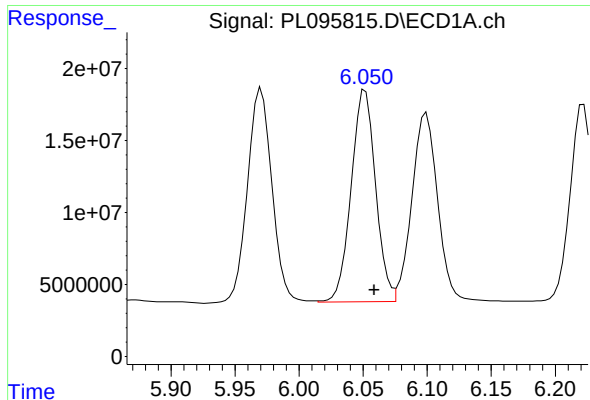
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.007 min
Response: 199039870
Conc: 51.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 251877037
Conc: 47.95 ng/ml



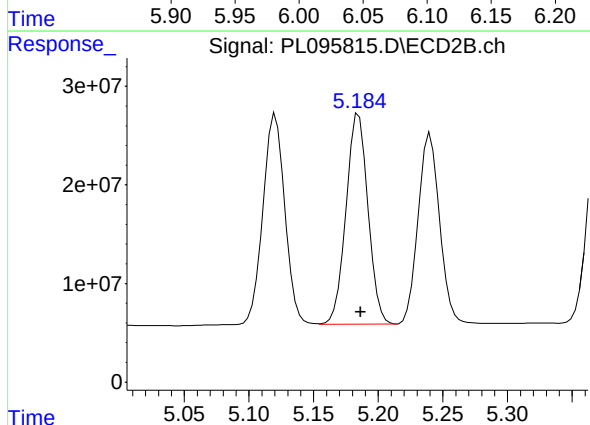
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 195551880
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

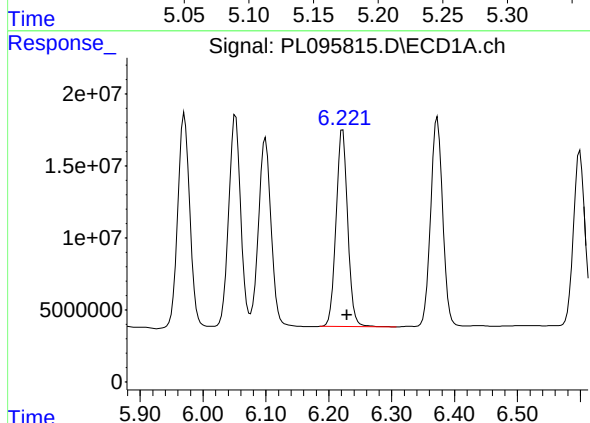
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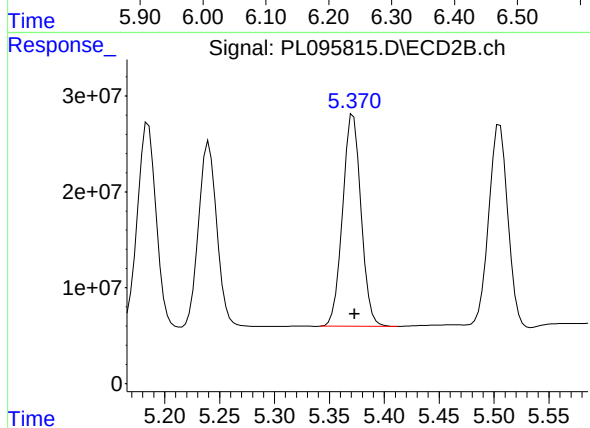
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 251727241
Conc: 48.38 ng/ml



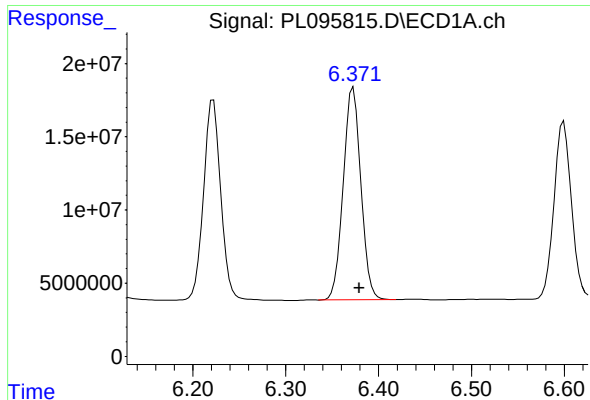
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 175929490
Conc: 47.96 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 258168458
Conc: 48.15 ng/ml



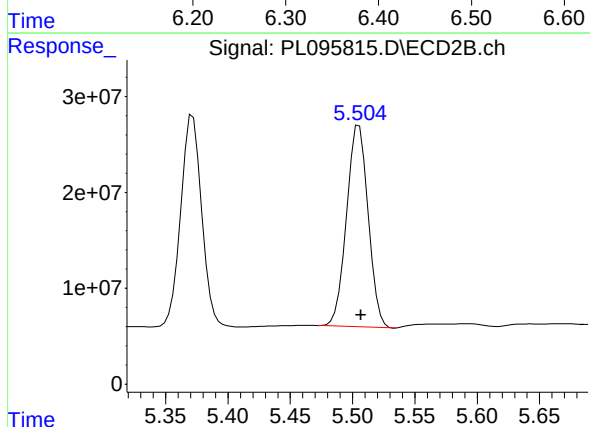
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 191479065
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

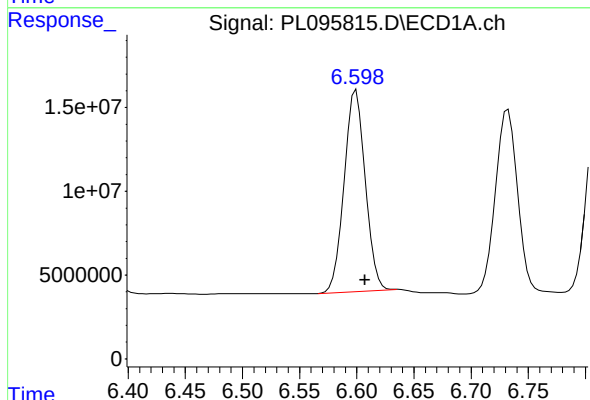
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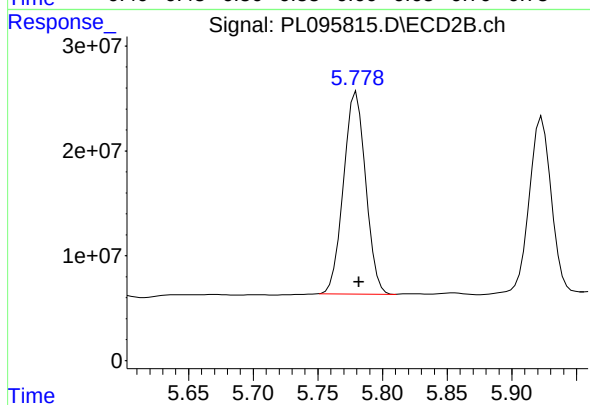
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 253209974
Conc: 47.77 ng/ml



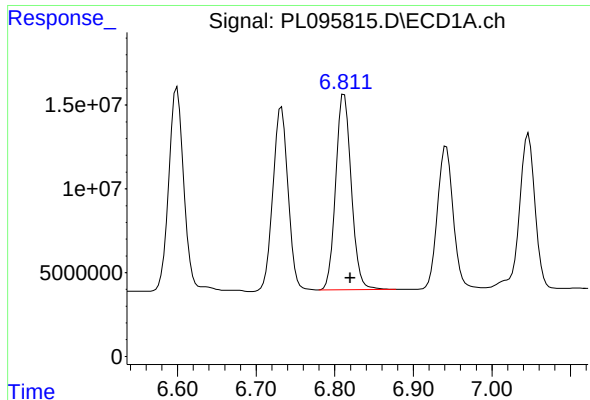
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 155352079
Conc: 48.15 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 229566573
Conc: 47.08 ng/ml



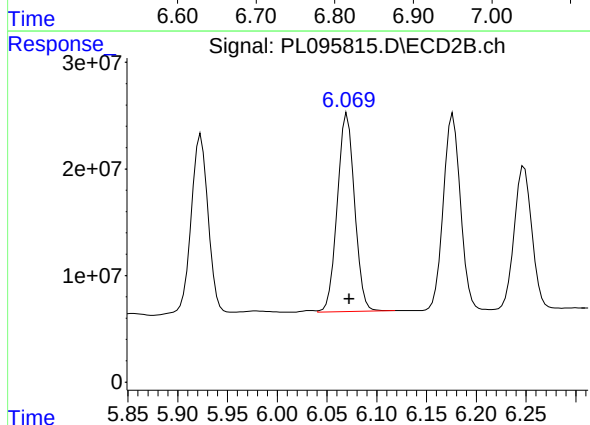
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 160980348
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

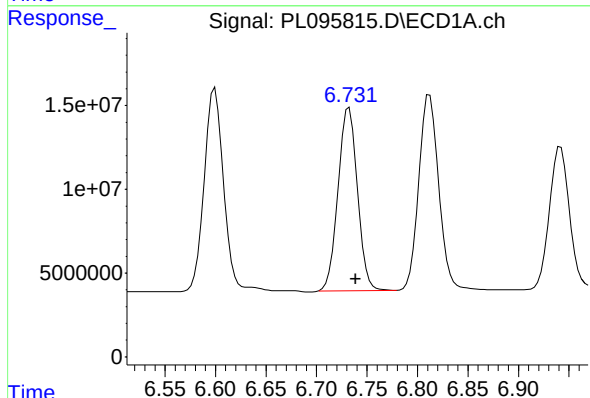
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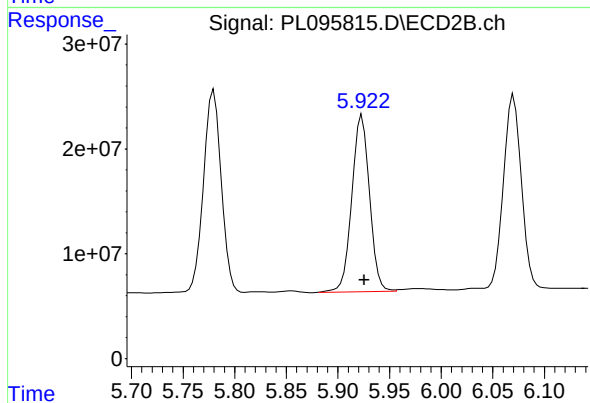
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 224726262
Conc: 47.29 ng/ml



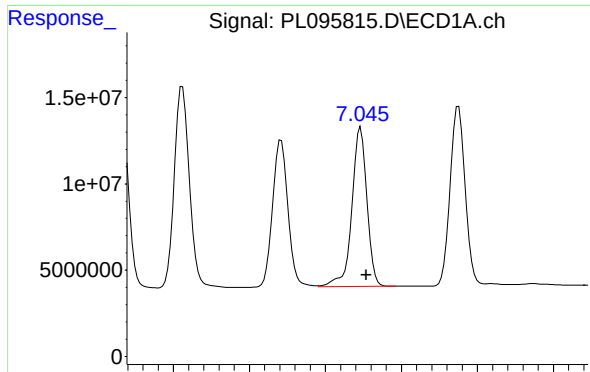
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.006 min
Response: 146445539
Conc: 49.97 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 200834300
Conc: 45.80 ng/ml



#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 128266011
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#17 4,4'-DDT

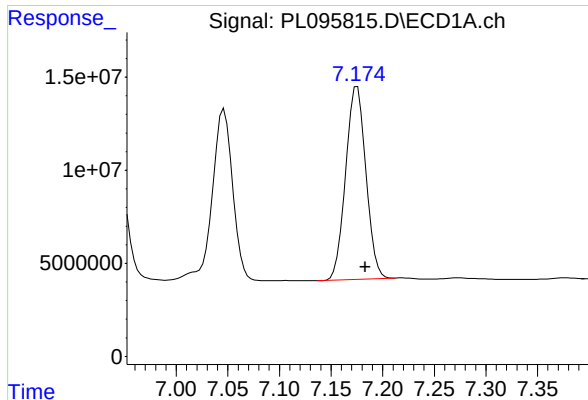
R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 220187537
Conc: 46.04 ng/ml

#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.007 min
Response: 119013719
Conc: 49.23 ng/ml

#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 164465598
Conc: 47.61 ng/ml



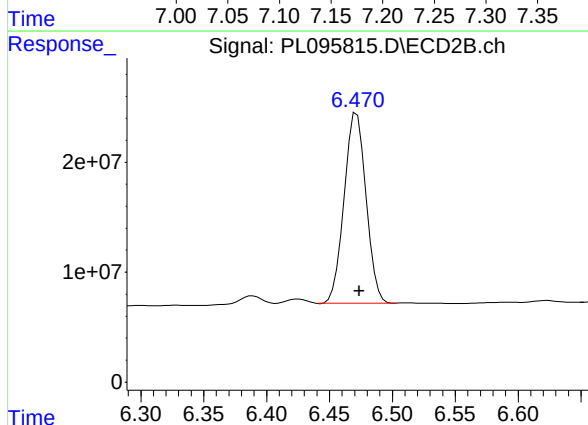
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 141383792
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

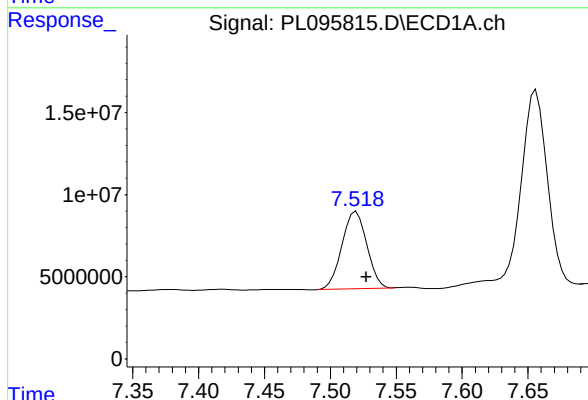
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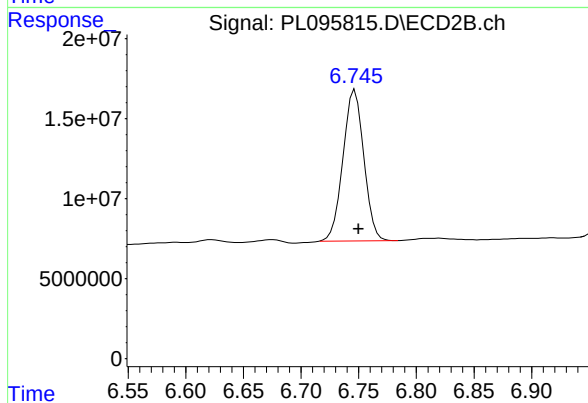
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 209255452
Conc: 46.56 ng/ml



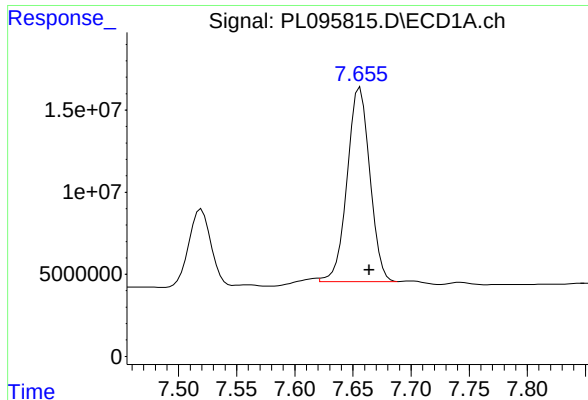
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.008 min
Response: 61769505
Conc: 48.43 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 118054635
Conc: 45.13 ng/ml



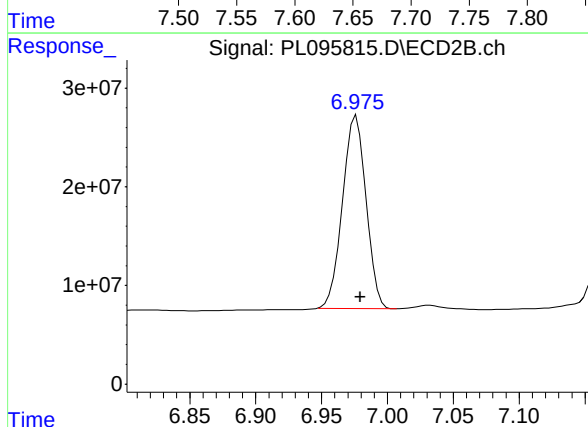
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: 160104676
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

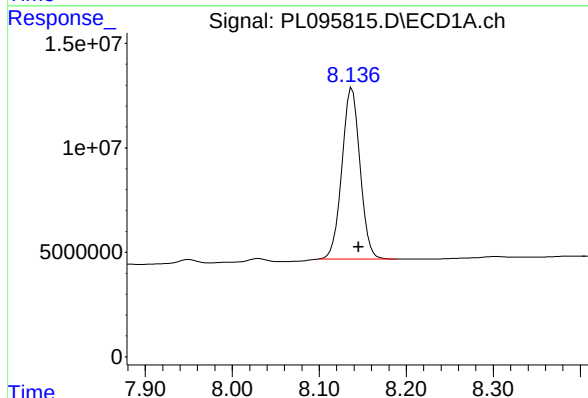
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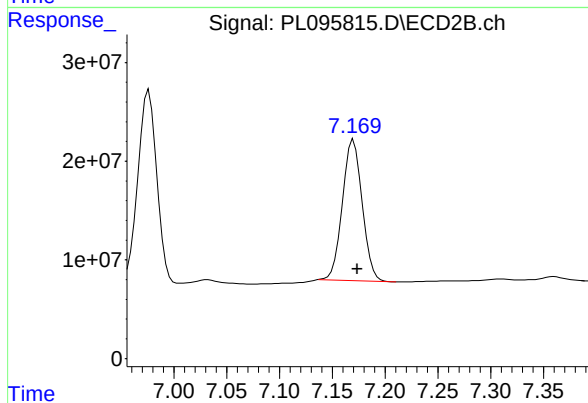
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 243121933
Conc: 46.99 ng/ml



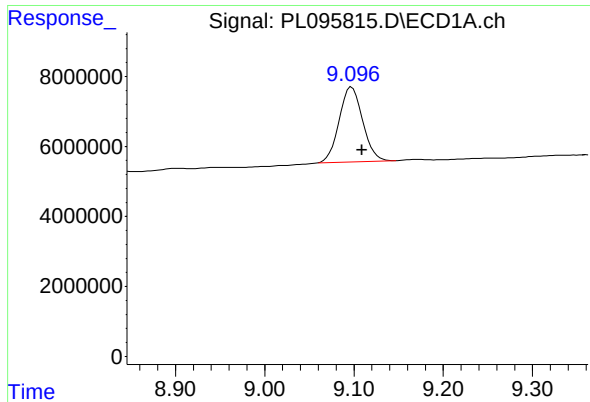
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.008 min
Response: 119285606
Conc: 51.55 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 186504102
Conc: 45.93 ng/ml



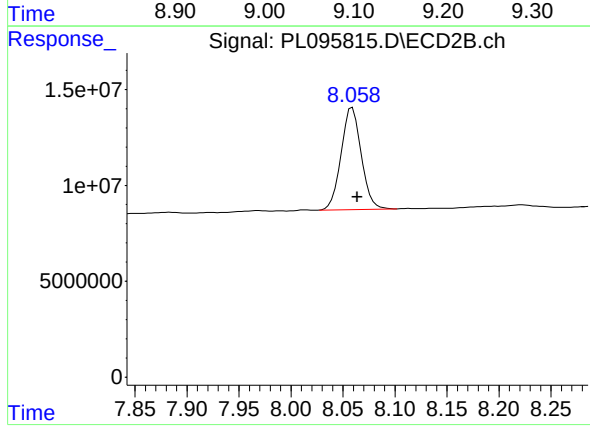
#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: -0.012 min
Response: 39368351
Conc: 16.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP03-MHMMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/29/2025
Supervised By :mohammad ahmed 05/30/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 71701970
Conc: 16.39 ng/ml