

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
 Data File : PL095888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2025 14:55
 Operator : AR\AJ
 Sample : Q2176-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-25MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/04/2025
 Supervised By :mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 04:15:34 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	2.886	49712611	59132920	15.755m	15.108
28) SA Decachlor...	9.098	8.060	27112585	49913230	11.506	11.410
Target Compounds						
2) A alpha-BHC	4.024	3.396	221.9E6	274.1E6	45.770	46.795
3) MA gamma-BHC...	4.355	3.729	203.7E6	259.2E6	45.553	46.279
4) MA Heptachlor	4.953	4.082	168.3E6	251.9E6	44.476	44.914
5) MB Aldrin	5.296	4.366	195.2E6	245.0E6	45.624	46.160
6) B beta-BHC	4.543	4.024	86155875	111.3E6	43.704	44.922
7) B delta-BHC	4.791	4.260	200.0E6	259.1E6	45.114	45.877
8) B Heptachlo...	5.717	4.868	174.6E6	225.5E6	45.732	45.677
9) A Endosulfan I	6.100	5.240	164.6E6	211.9E6	44.914	44.474
10) B gamma-Chl...	5.971	5.121	176.7E6	238.0E6	45.405	45.319
11) B alpha-Chl...	6.052	5.185	175.3E6	234.6E6	44.412	45.085
12) B 4,4'-DDE	6.223	5.371	157.1E6	238.9E6	42.836	44.561
13) MA Dieldrin	6.373	5.505	175.4E6	236.7E6	45.454	44.656
14) MA Endrin	6.600	5.780	139.3E6	211.0E6	43.183	43.268
15) B Endosulfa...	6.814	6.071	146.2E6	208.4E6	42.427	43.862
16) A 4,4'-DDD	6.733	5.924	134.0E6	193.1E6	45.726	44.036
17) MA 4,4'-DDT	7.048	6.177	113.7E6	200.1E6	42.037	41.831
18) B Endrin al...	6.942	6.248	103.7E6	150.8E6	42.897	43.655
19) B Endosulfa...	7.176	6.472	127.5E6	194.1E6	42.700	43.190
20) A Methoxychlor	7.520	6.747	54017272	106.4E6	42.356	40.661
21) B Endrin ke...	7.656	6.977	144.3E6	224.7E6	45.551m	43.439
22) Mirex	8.139	7.171	104.3E6	174.4E6	45.082	42.962

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
Data File : PL095888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 14:55
Operator : AR\AJ
Sample : Q2176-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

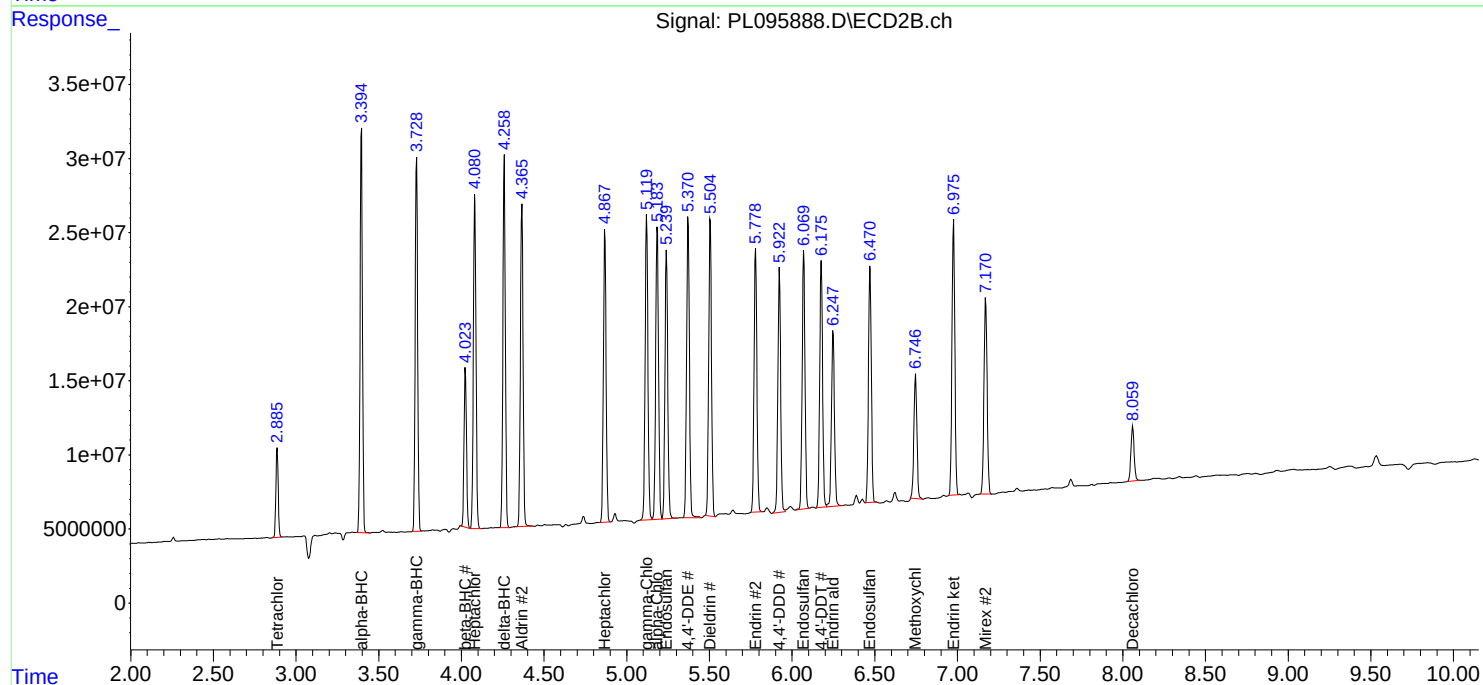
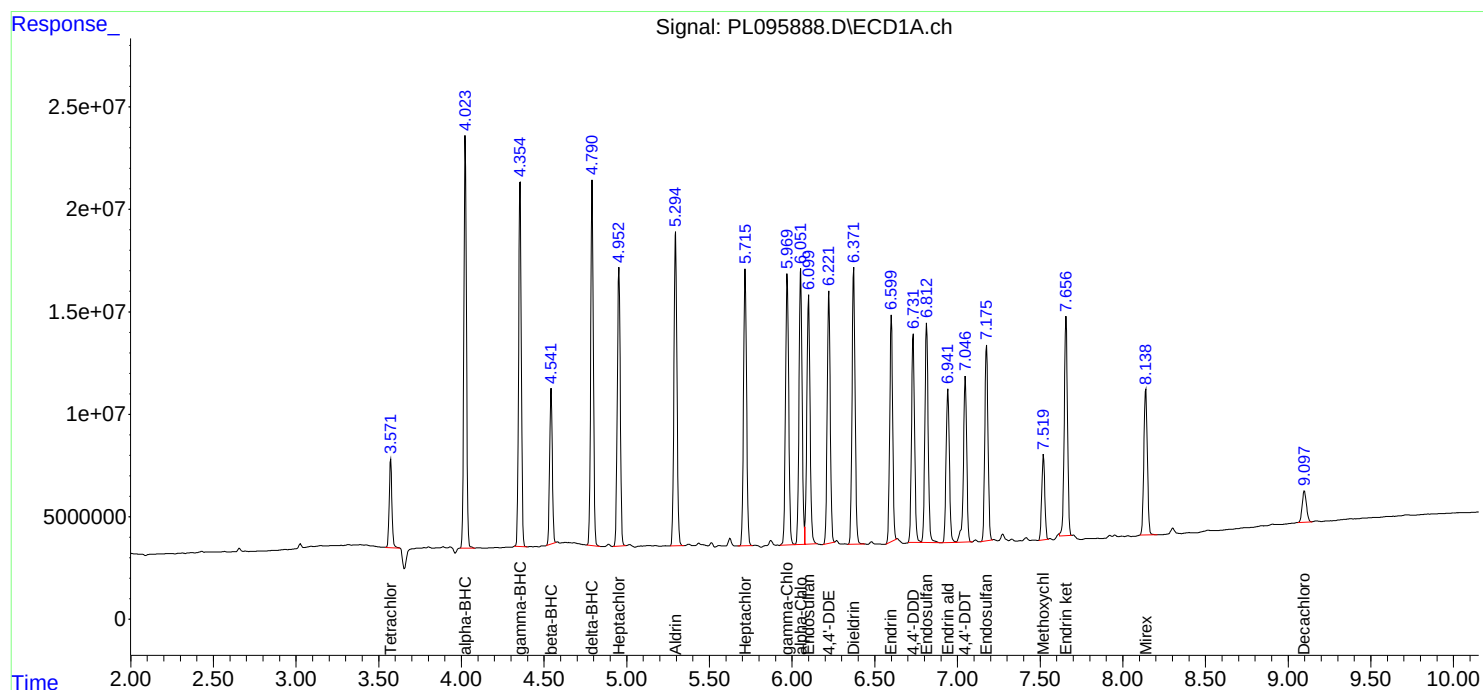
Instrument :
ECD_L
ClientSampleId :
TP-25MS

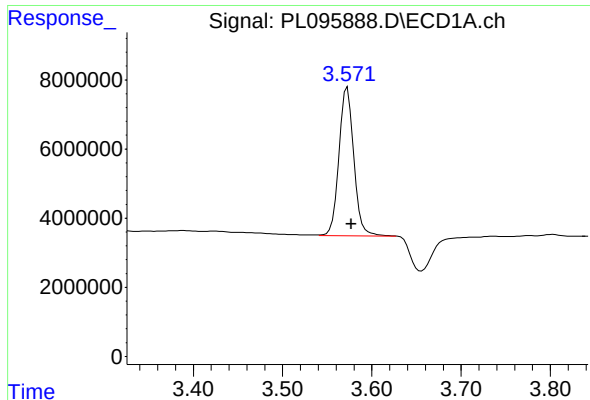
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 04:15:34 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





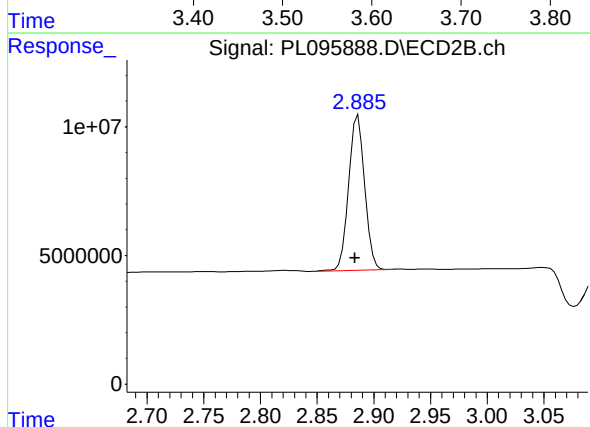
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 49712611
Conc: 15.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

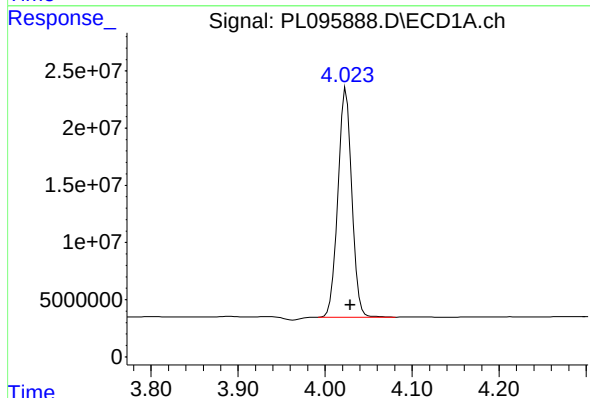
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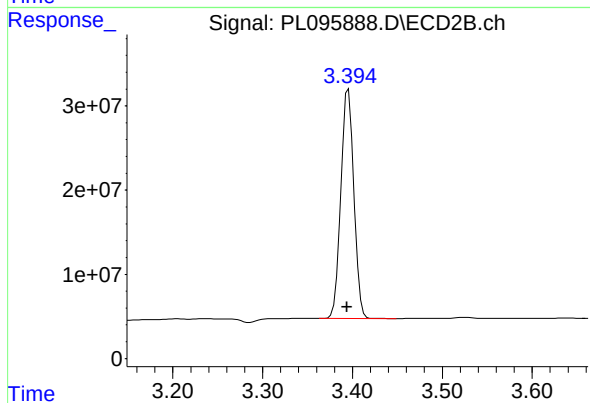
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.003 min
Response: 59132920
Conc: 15.11 ng/ml



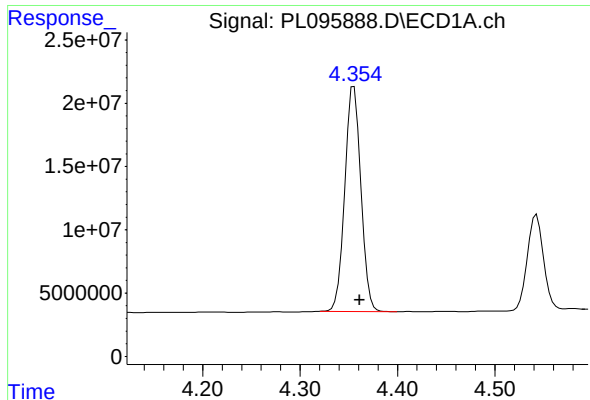
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 221891846
Conc: 45.77 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.002 min
Response: 274096908
Conc: 46.80 ng/ml



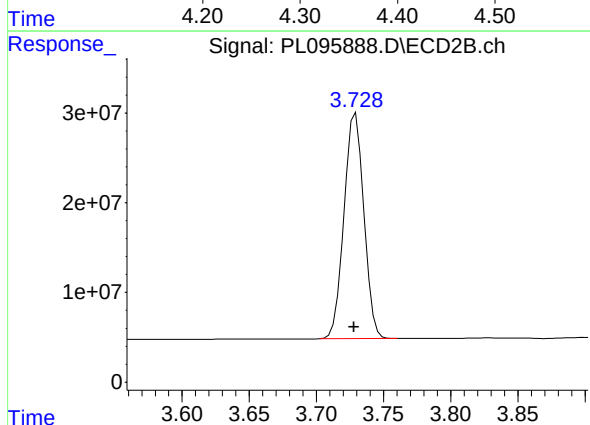
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 203707420
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

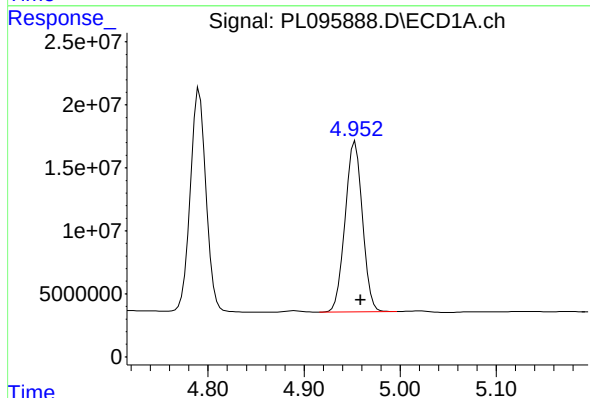
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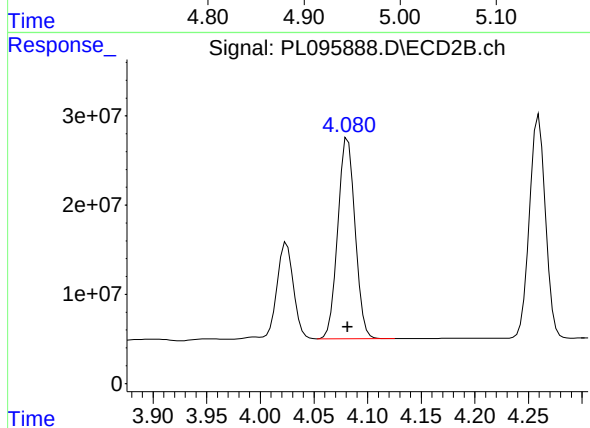
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.001 min
Response: 259219651
Conc: 46.28 ng/ml



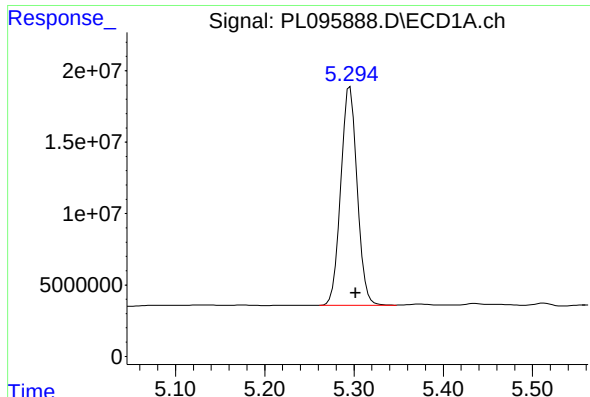
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 168343911
Conc: 44.48 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 251923507
Conc: 44.91 ng/ml



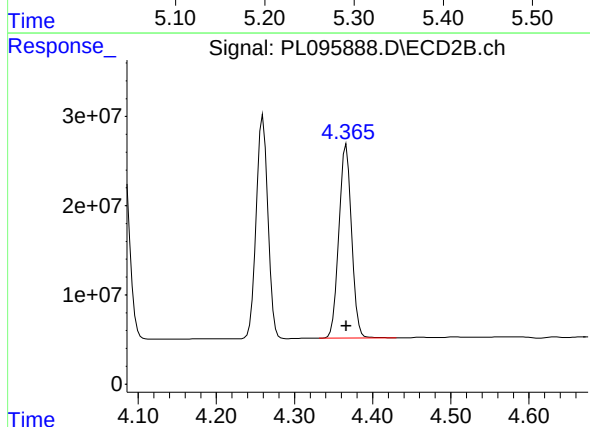
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 195169271
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

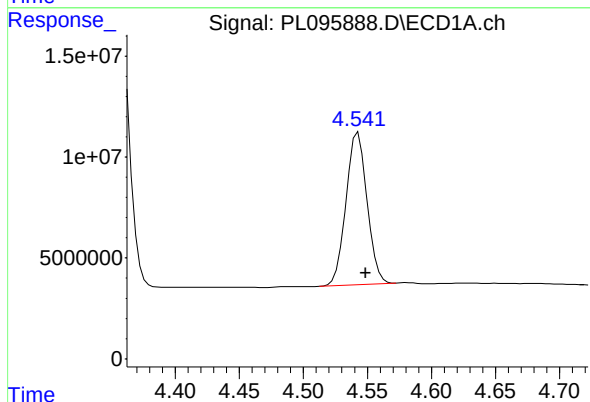
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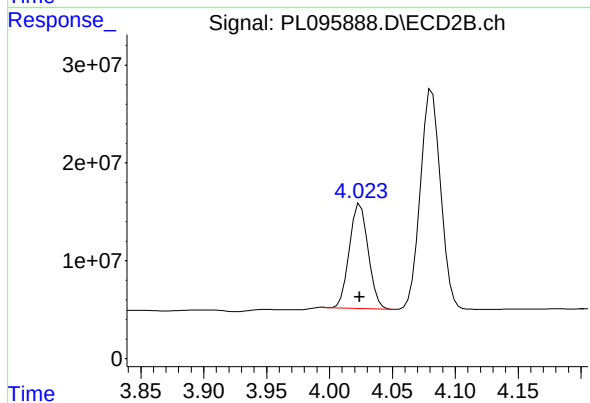
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 244977100
Conc: 46.16 ng/ml



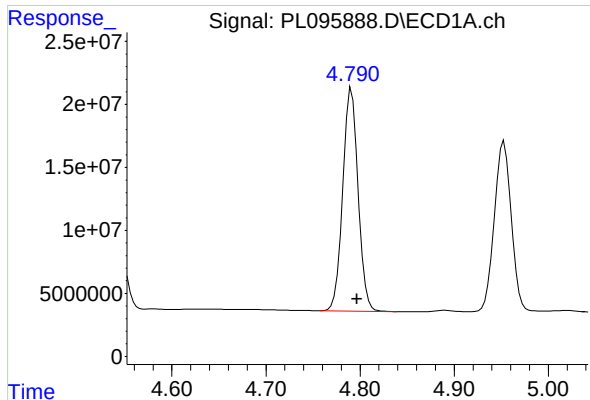
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 86155875
Conc: 43.70 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 111295549
Conc: 44.92 ng/ml



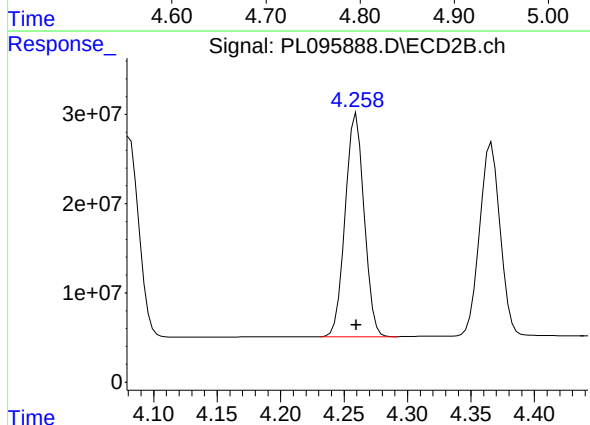
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 200017809
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

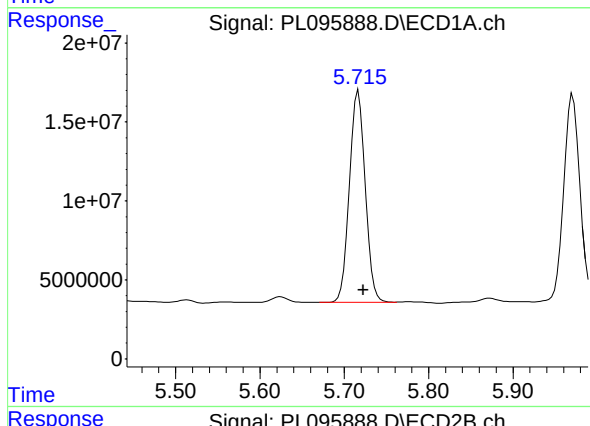
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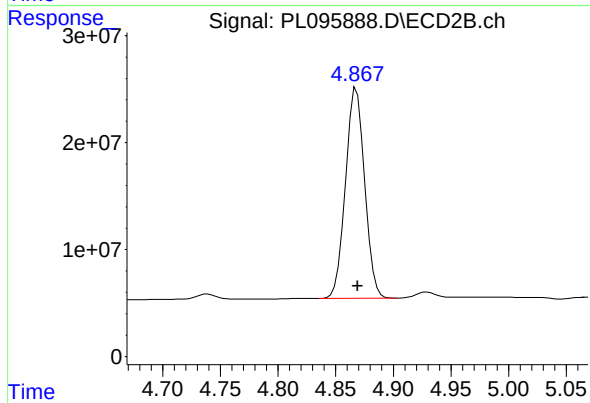
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 259085475
Conc: 45.88 ng/ml



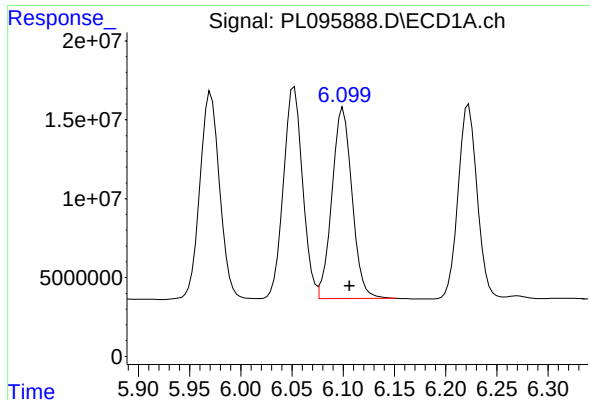
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 174554341
Conc: 45.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 225527846
Conc: 45.68 ng/ml



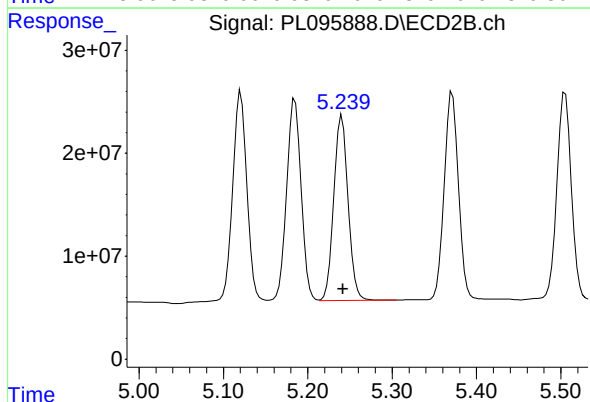
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 164603592
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

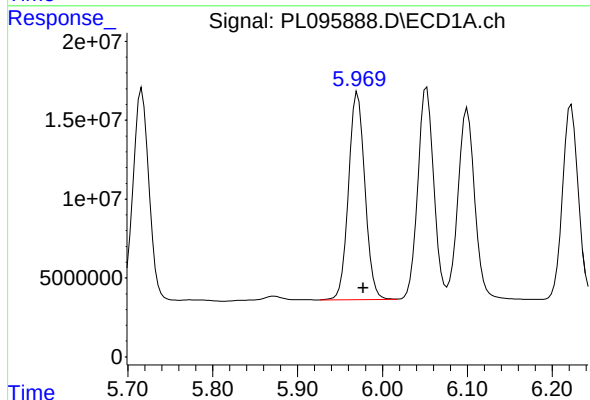
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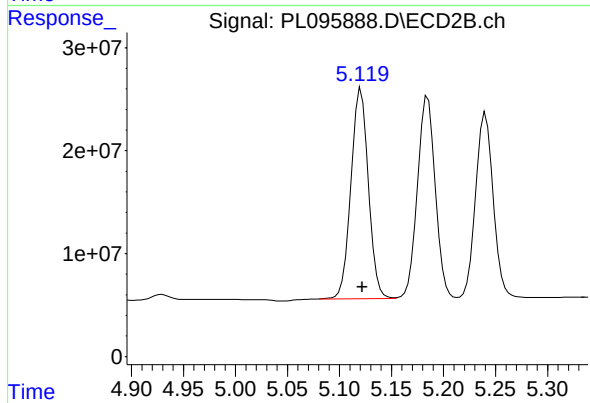
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 211916089
Conc: 44.47 ng/ml



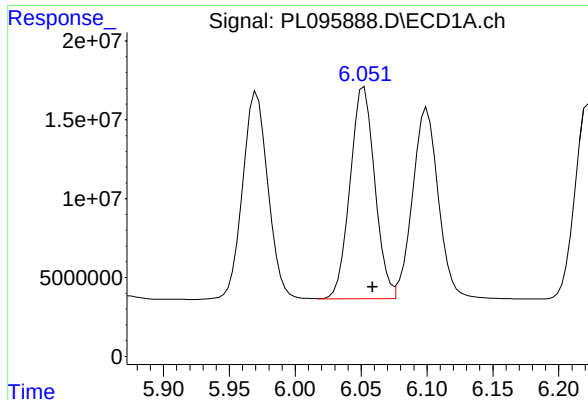
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.007 min
Response: 176721222
Conc: 45.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 238047735
Conc: 45.32 ng/ml



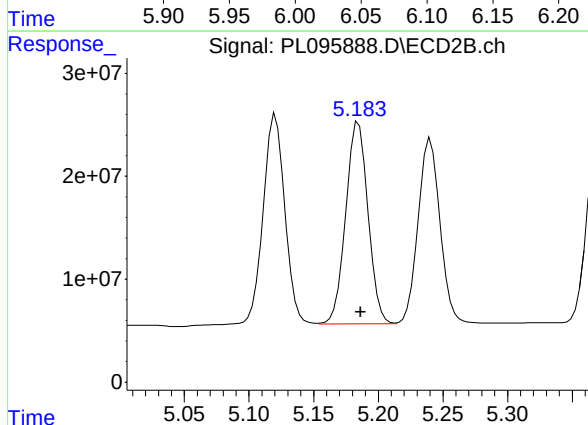
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.006 min
Response: 175348191
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

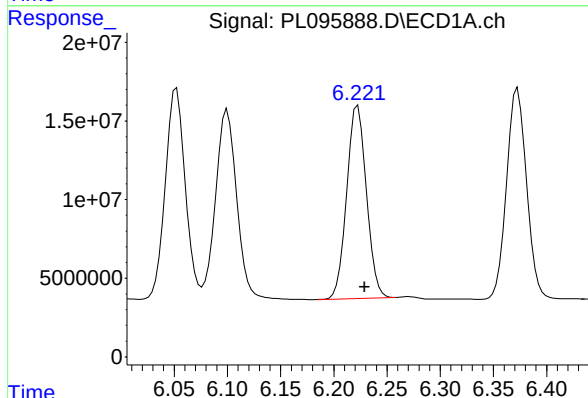
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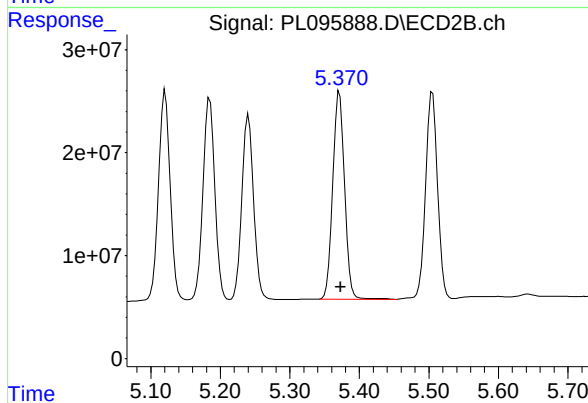
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 234565963
Conc: 45.08 ng/ml



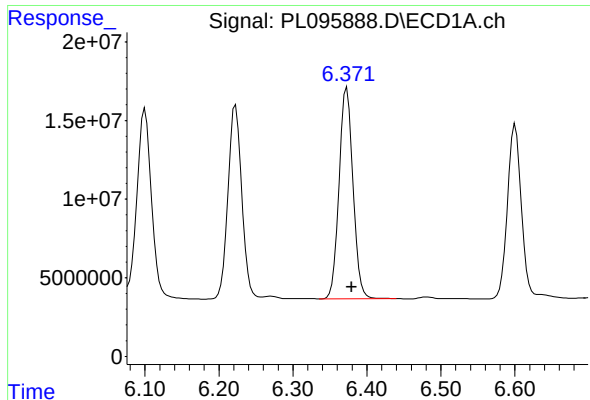
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 157117407
Conc: 42.84 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 238940492
Conc: 44.56 ng/ml



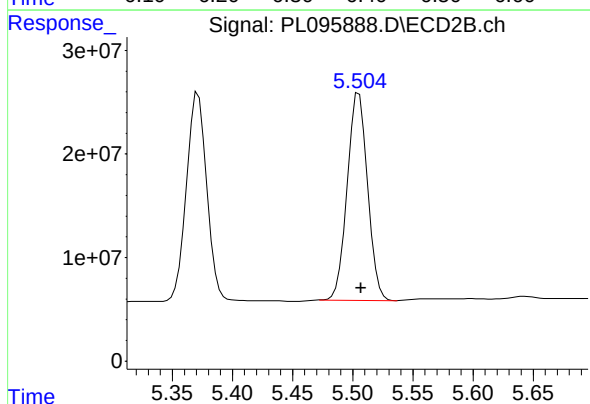
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 175414883
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

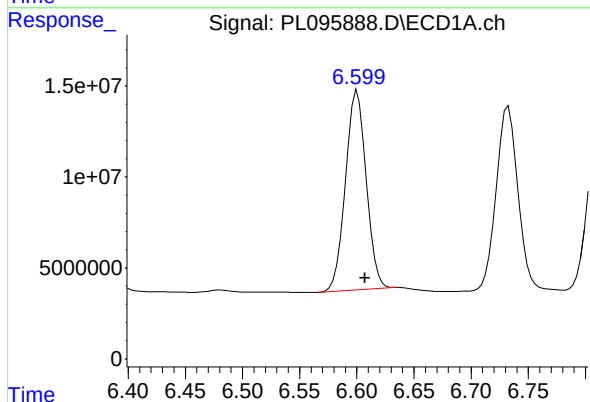
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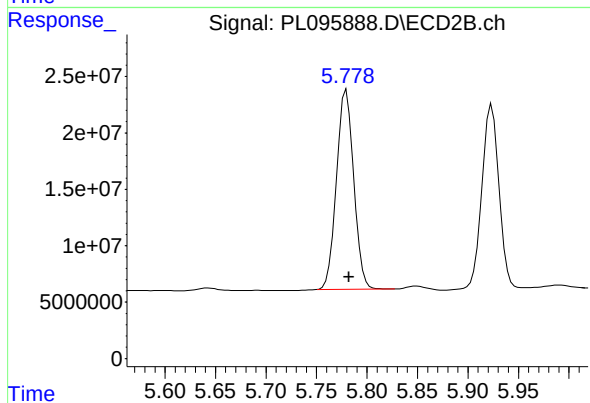
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 236680283
Conc: 44.66 ng/ml



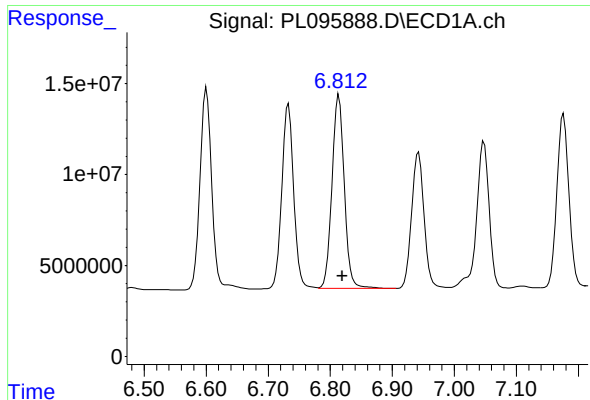
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 139341413
Conc: 43.18 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 210977982
Conc: 43.27 ng/ml



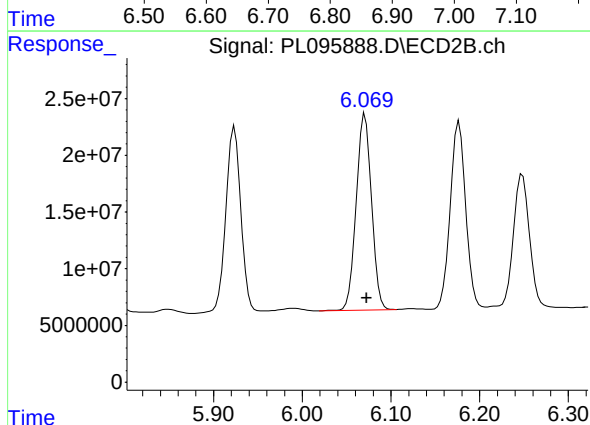
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 146204699
Conc: 42.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

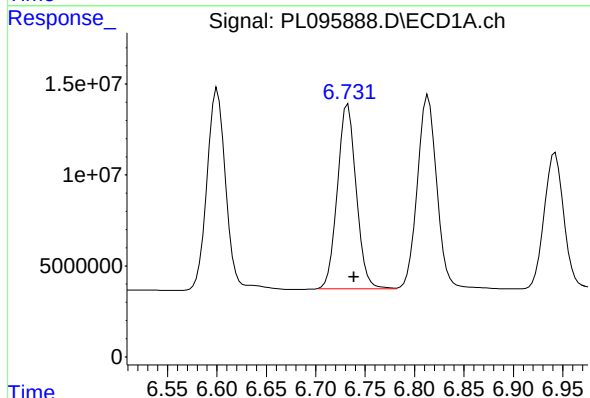
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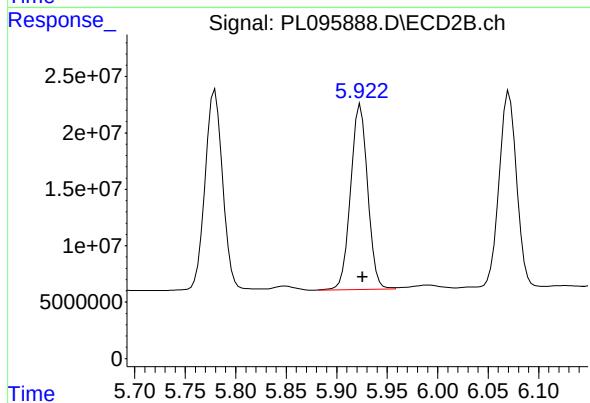
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 208424028
Conc: 43.86 ng/ml



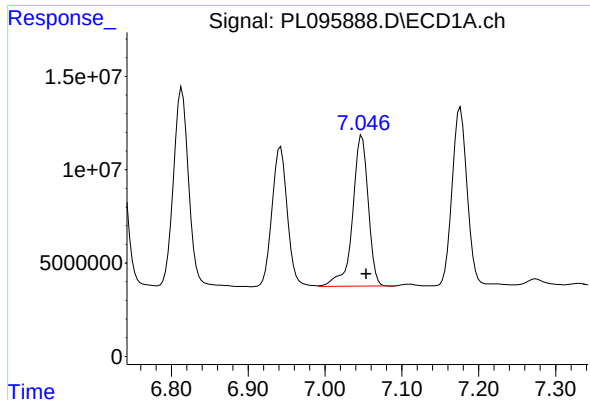
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 134004214
Conc: 45.73 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 193096777
Conc: 44.04 ng/ml



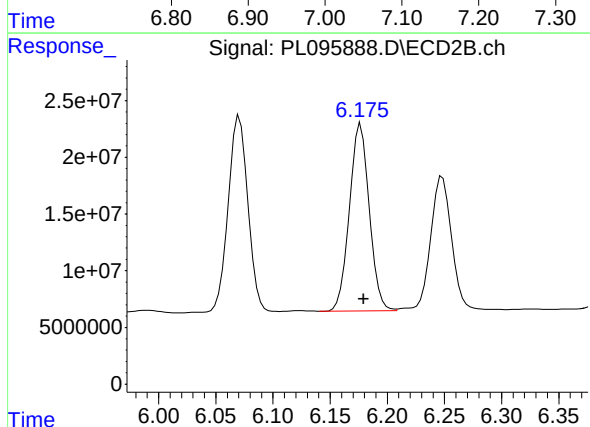
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 113716991
Conc: 42.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

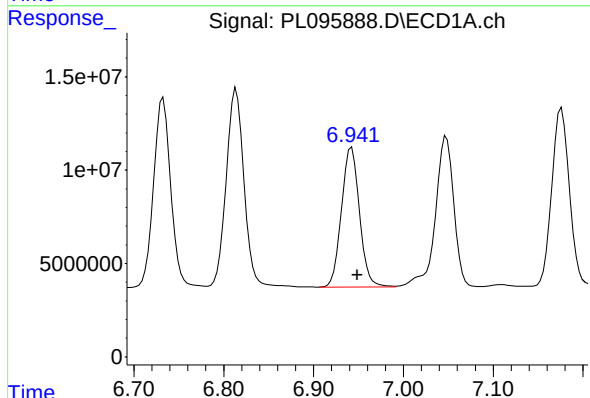
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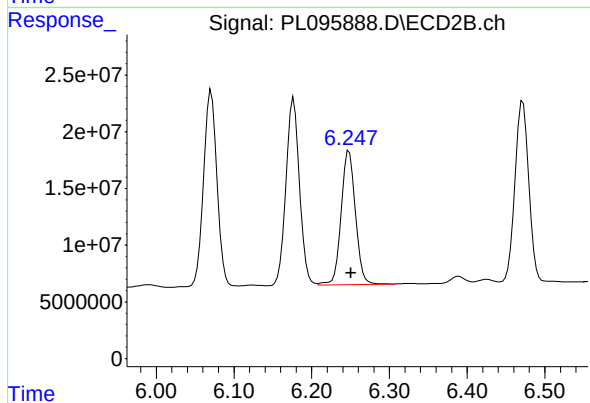
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 200058509
Conc: 41.83 ng/ml



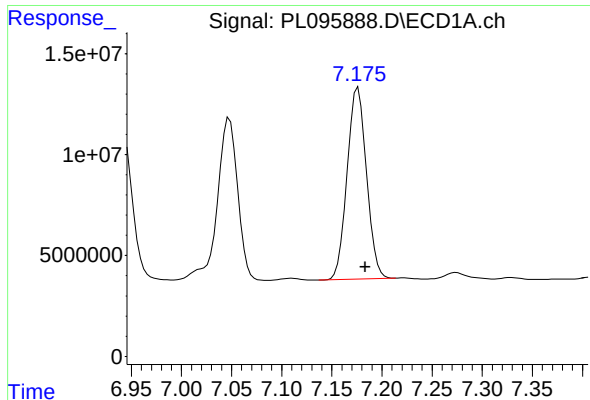
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 103708324
Conc: 42.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 150795924
Conc: 43.65 ng/ml



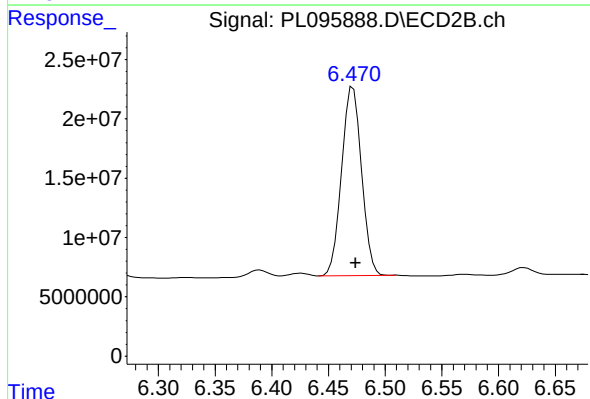
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 127540445
Conc: 42.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

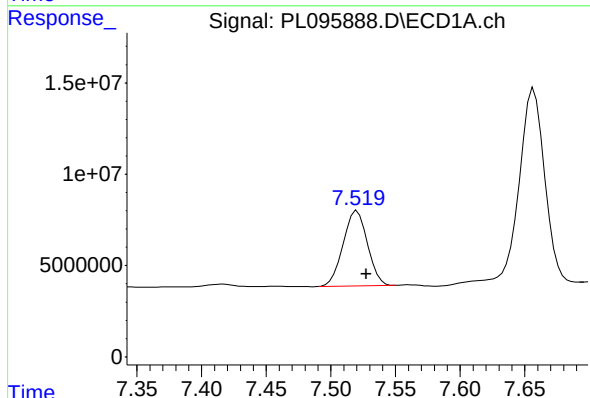
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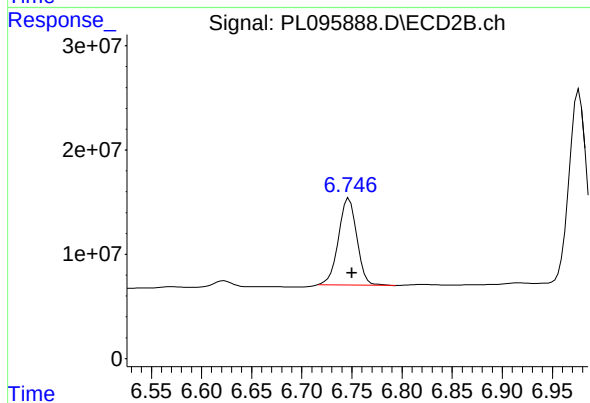
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 194129465
Conc: 43.19 ng/ml



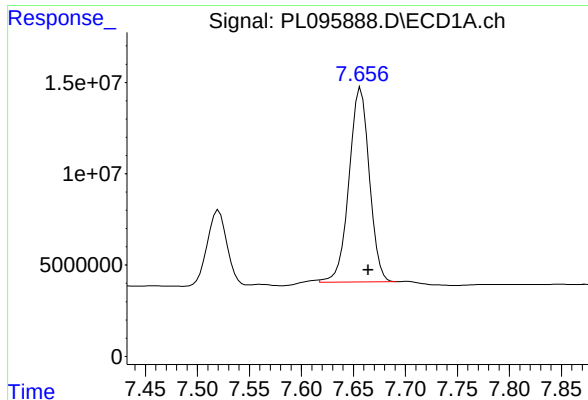
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.007 min
Response: 54017272
Conc: 42.36 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 106373730
Conc: 40.66 ng/ml



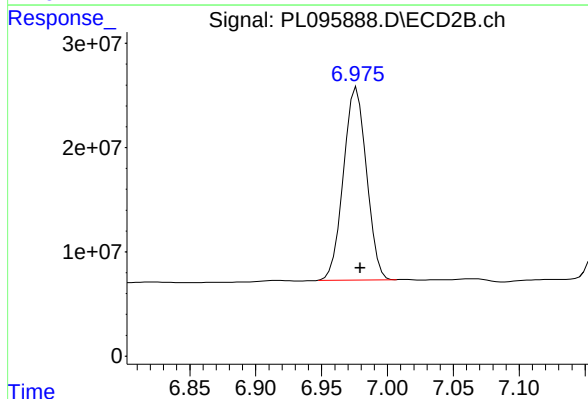
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.009 min
Response: 144254719
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

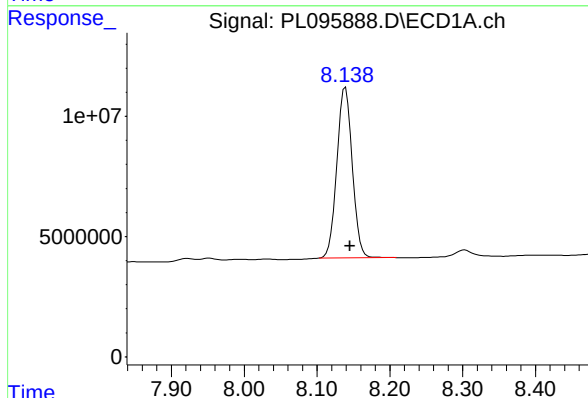
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Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



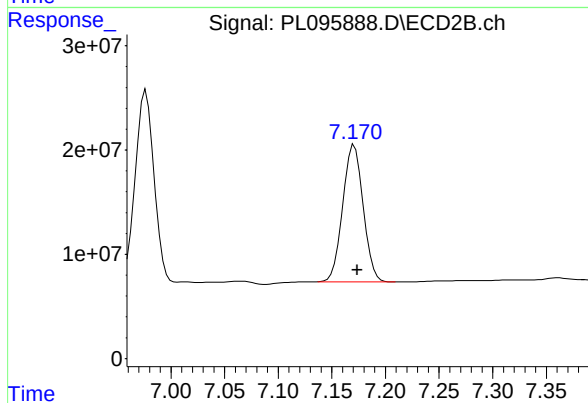
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 224748619
Conc: 43.44 ng/ml



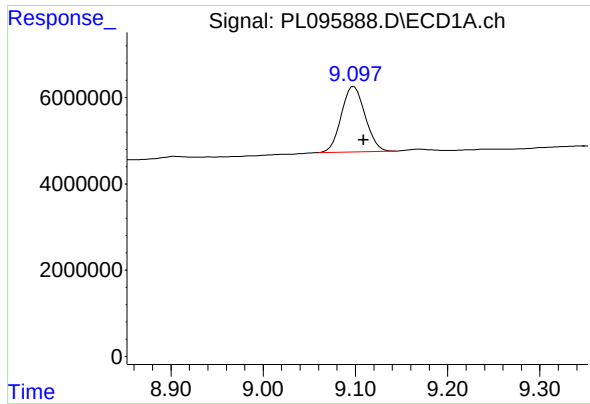
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.006 min
Response: 104308869
Conc: 45.08 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 174445880
Conc: 42.96 ng/ml



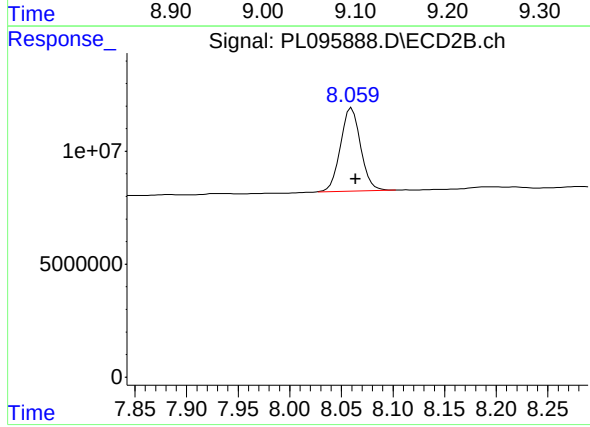
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 27112585
Conc: 11.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-25MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 49913230
Conc: 11.41 ng/ml