

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060225\
 Data File : PL095865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 14:50
 Operator : AR\AJ
 Sample : PB168233BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168233BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/03/2025
 Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 21:52:19 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...	3.572	2.884	61322383	71613899	19.435	18.297
2) SA Decachlor...	9.101	8.060	46582610	80166340	19.769	18.326
Target Compounds						
2) A alpha-BHC	4.024	3.394	231.8E6	279.3E6	47.808	47.686
3) MA gamma-BHC...	4.355	3.727	213.2E6	265.9E6	47.676	47.473
4) MA Heptachlor	4.953	4.080	175.9E6	262.3E6	46.468	46.771
5) MB Aldrin	5.296	4.364	209.0E6	253.5E6	48.862	47.759
6) B beta-BHC	4.543	4.023	93480327	116.1E6	47.419	46.871
7) B delta-BHC	4.791	4.258	209.9E6	265.2E6	47.349	46.958
8) B Heptachlo...	5.717	4.867	185.8E6	234.3E6	48.674	47.459
9) A Endosulfan I	6.101	5.239	177.1E6	226.0E6	48.315	47.433
10) B gamma-Chl...	5.971	5.119	190.8E6	249.3E6	49.012	47.470
11) B alpha-Chl...	6.053	5.183	191.1E6	245.7E6	48.399	47.224
12) B 4,4'-DDE	6.223	5.370	175.6E6	249.9E6	47.881	46.601
13) MA Dieldrin	6.373	5.504	188.0E6	249.0E6	48.717	46.978
14) MA Endrin	6.601	5.777	150.9E6	221.9E6	46.772	45.497m
15) B Endosulfa...	6.814	6.069	154.9E6	221.1E6	44.962	46.525
16) A 4,4'-DDD	6.733	5.922	136.0E6	207.2E6	46.391	47.255
17) MA 4,4'-DDT	7.048	6.176	128.5E6	217.7E6	47.515	45.511
18) B Endrin al...	6.943	6.247	115.2E6	161.5E6	47.663	46.749
19) B Endosulfa...	7.176	6.471	140.3E6	207.5E6	46.985	46.162
20) A Methoxychlor	7.521	6.746	61459192	113.0E6	48.191	43.200
21) B Endrin ke...	7.659	6.976	149.1E6	237.7E6	47.068	45.946
22) Mirex	8.139	7.170	109.7E6	185.1E6	47.417	45.574

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060225\
Data File : PL095865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2025 14:50
Operator : AR\AJ
Sample : PB168233BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168233BS

Manual Integrations

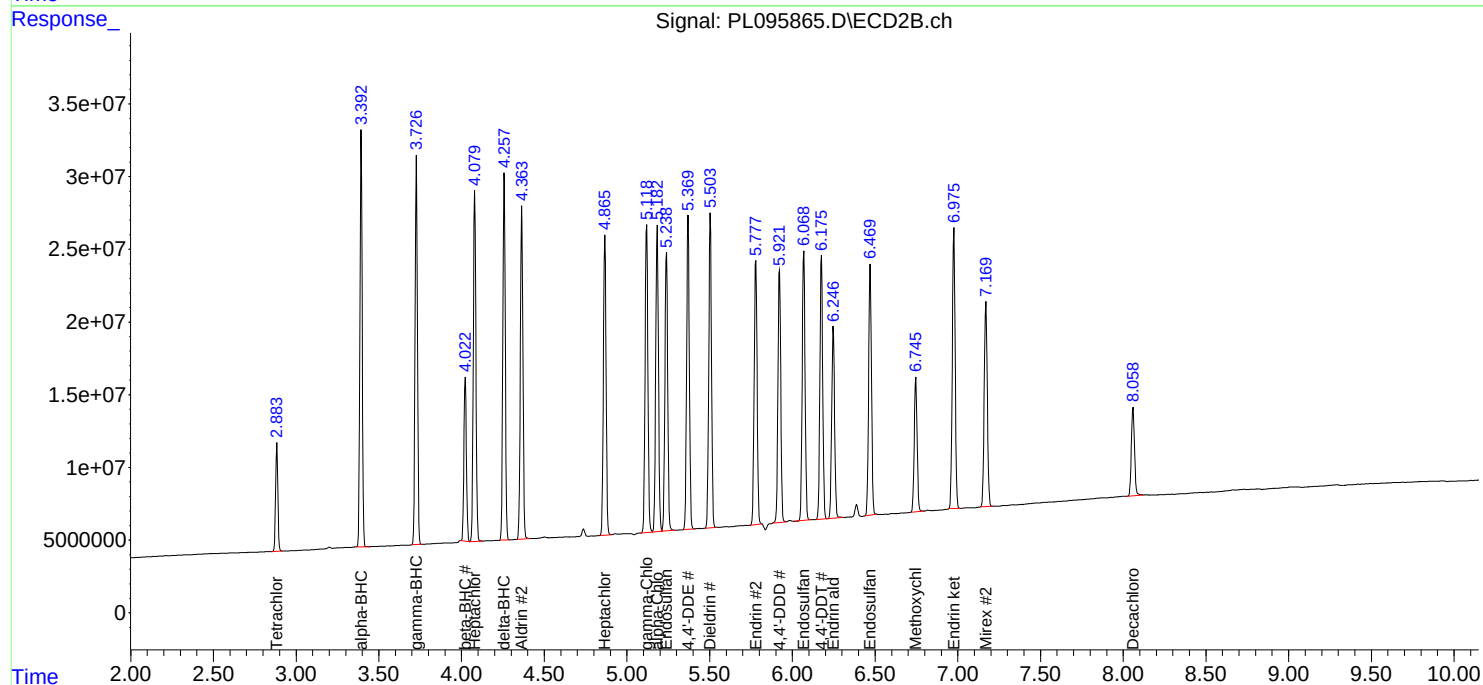
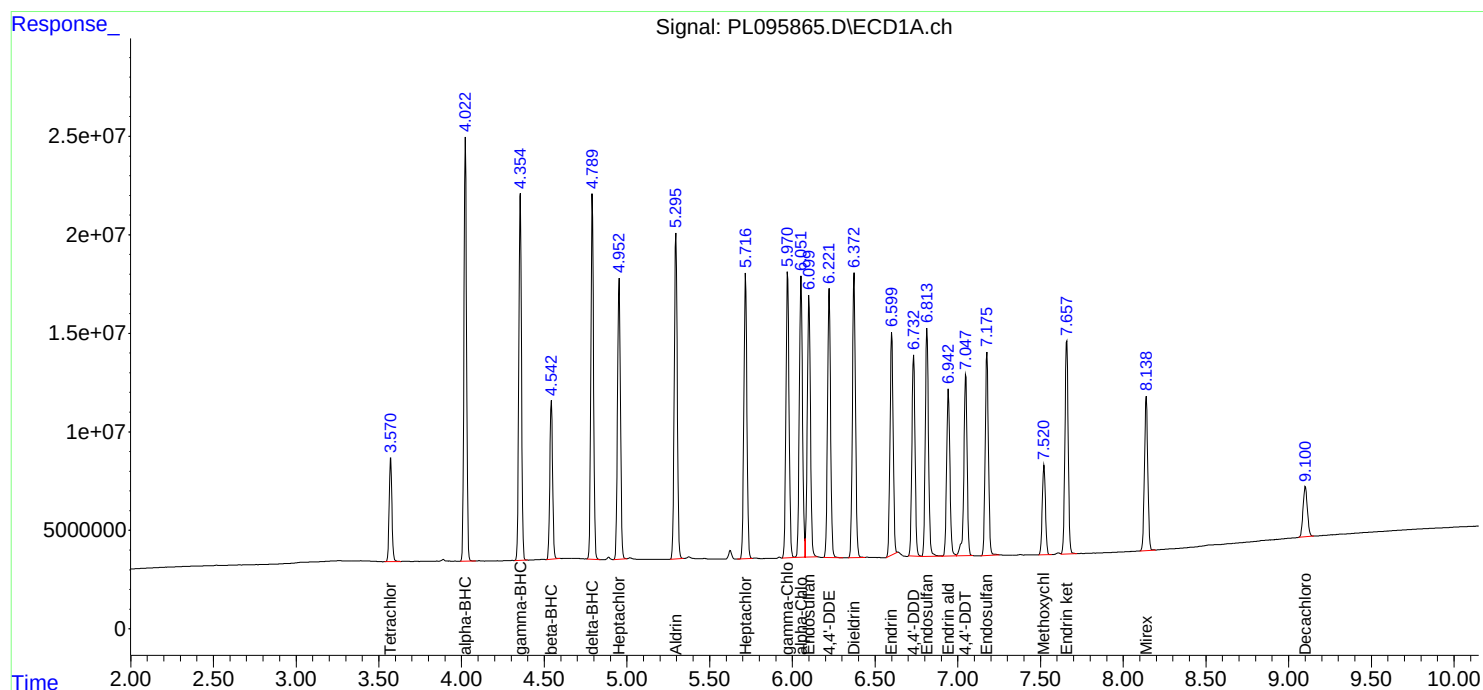
APPROVED

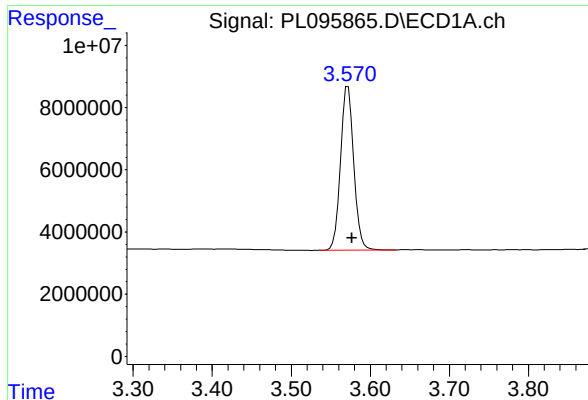
Reviewed By :Abdul Mirza 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 02 21:52:19 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





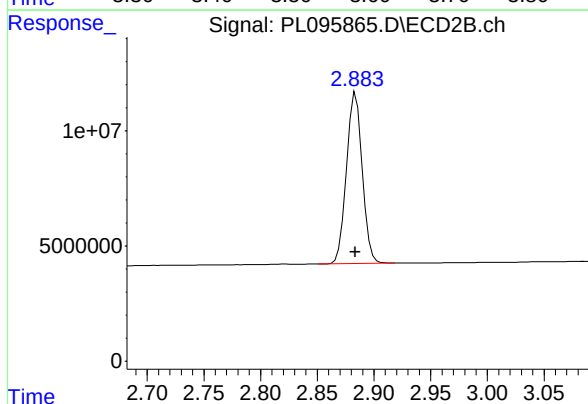
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 61322383
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

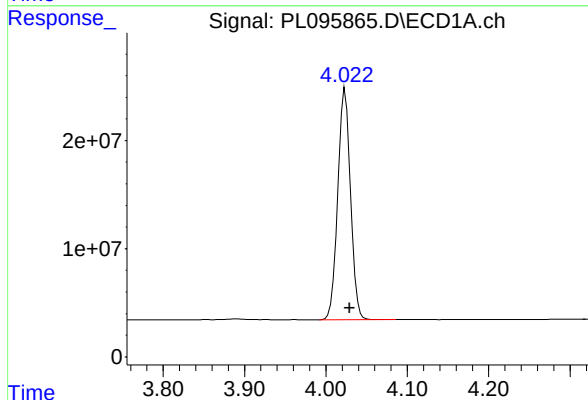
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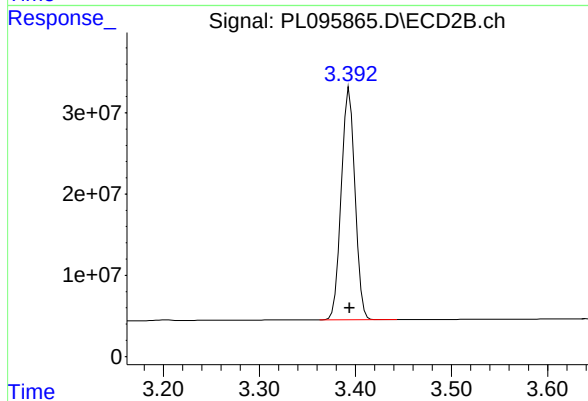
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 71613899
Conc: 18.30 ng/ml



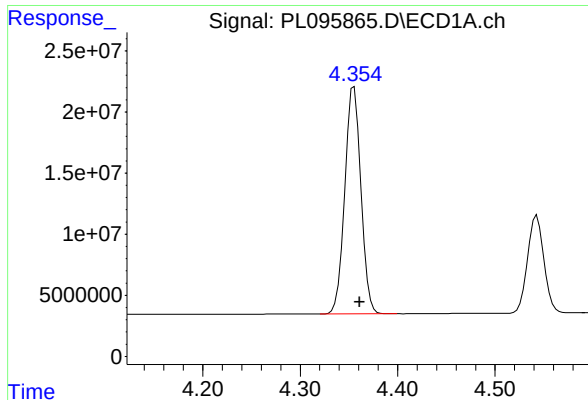
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 231767627
Conc: 47.81 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 279313583
Conc: 47.69 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 213199305
Conc: 47.68 ng/ml

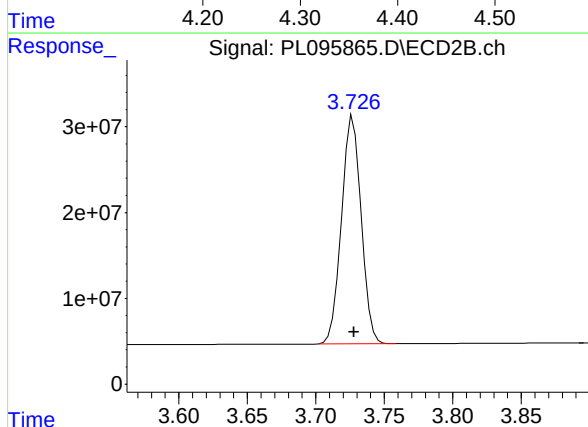
Instrument :

ECD_L

ClientSampleId :
PB168233BS

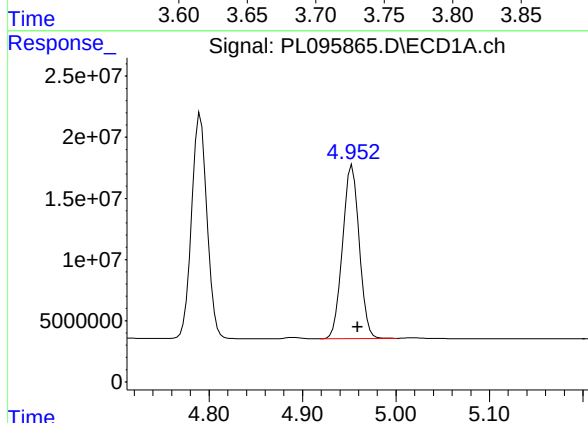
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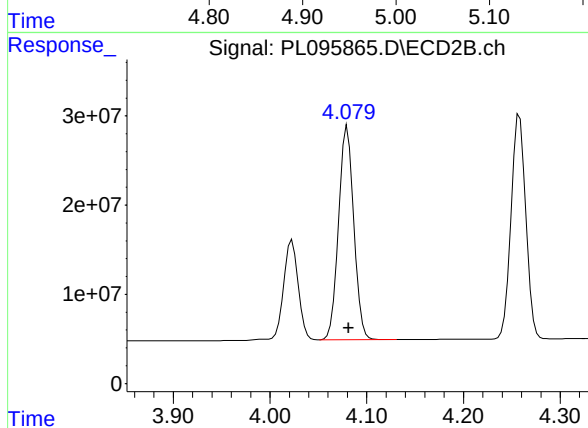
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 265908886
Conc: 47.47 ng/ml



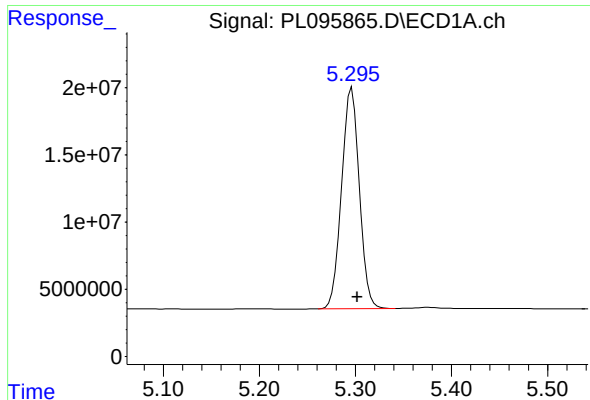
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 175883854
Conc: 46.47 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: -0.001 min
Response: 262343322
Conc: 46.77 ng/ml



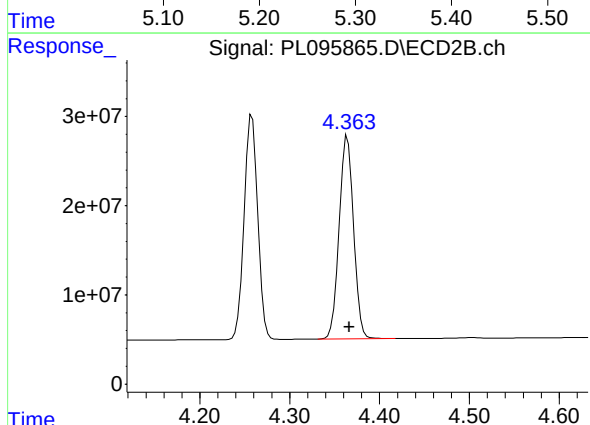
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 209016601
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

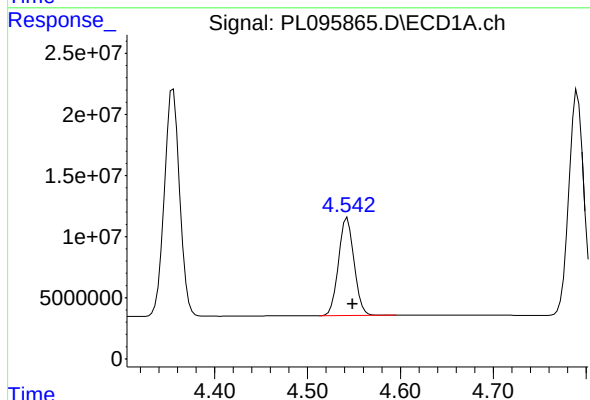
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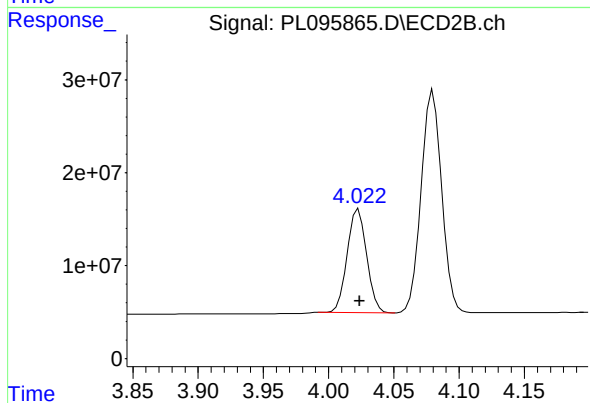
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 253460657
Conc: 47.76 ng/ml



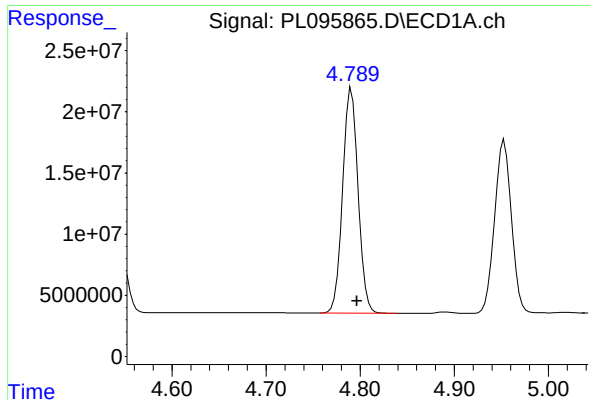
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 93480327
Conc: 47.42 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 116124421
Conc: 46.87 ng/ml



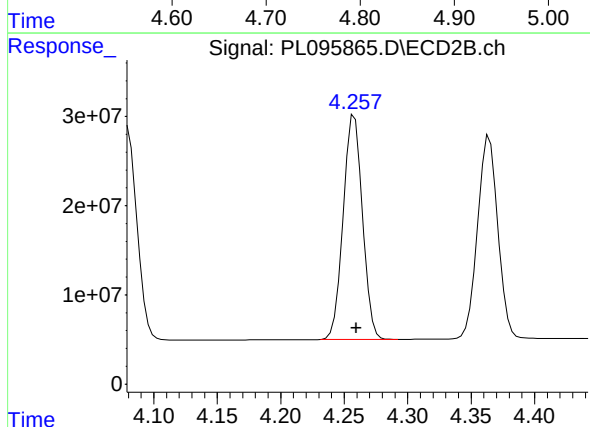
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 209927060
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

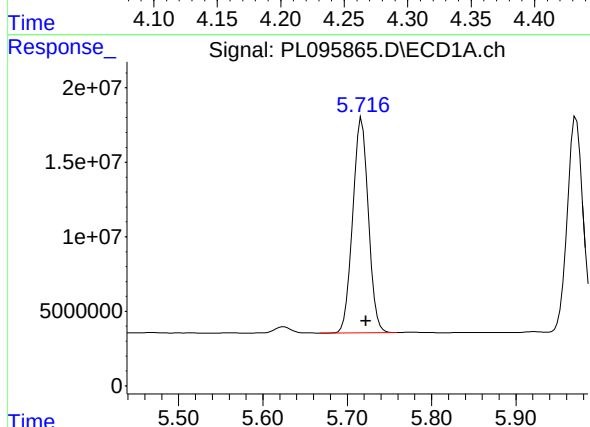
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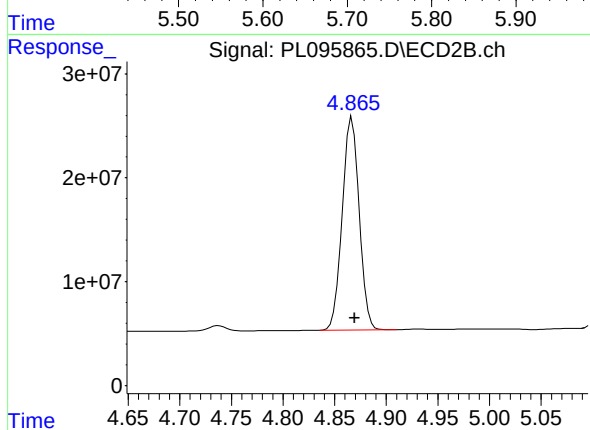
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 265191572
Conc: 46.96 ng/ml



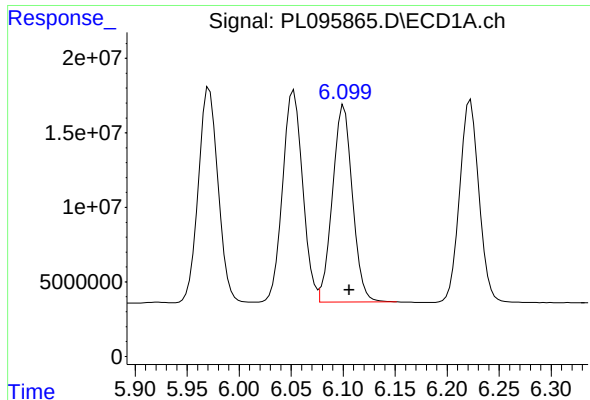
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 185782571
Conc: 48.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 234325876
Conc: 47.46 ng/ml



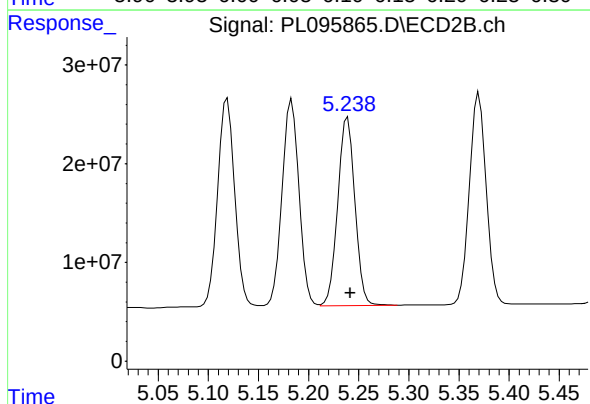
#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 177066125
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

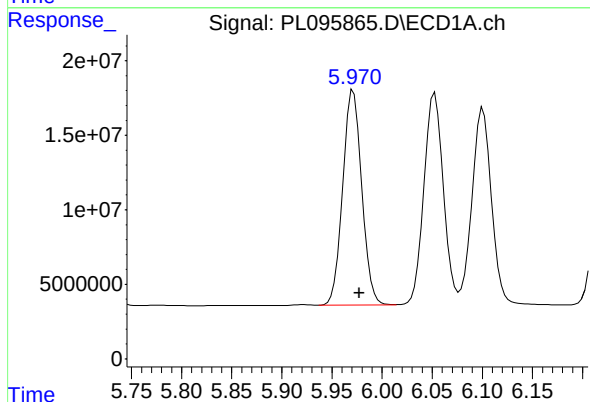
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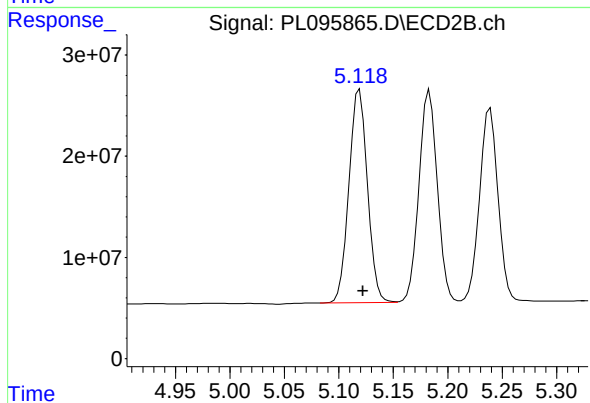
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 226018595
Conc: 47.43 ng/ml



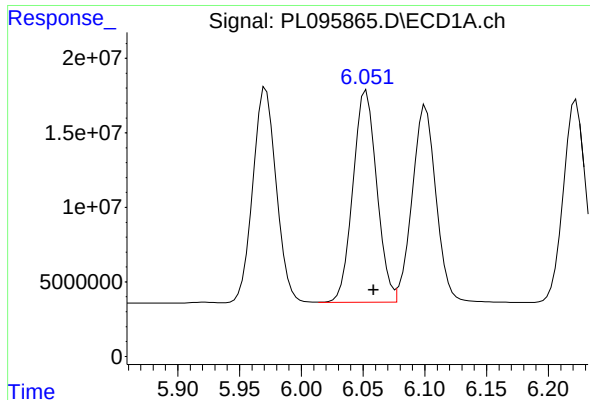
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 190760781
Conc: 49.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 249345968
Conc: 47.47 ng/ml



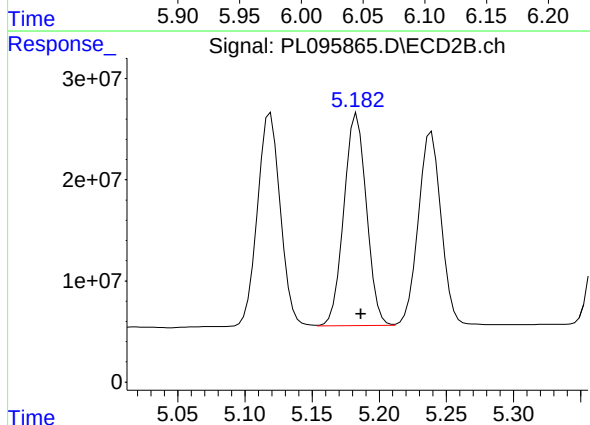
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: -0.006 min
Response: 191087706
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

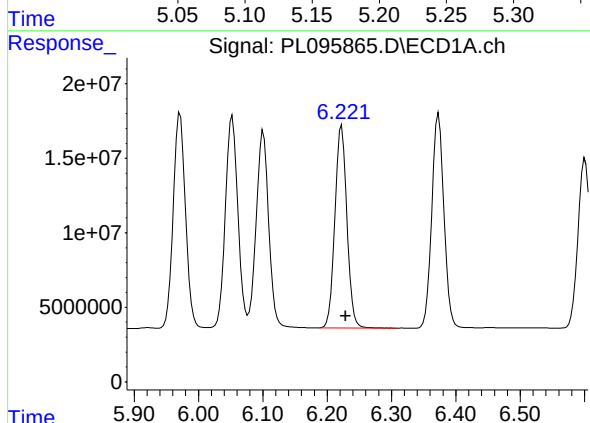
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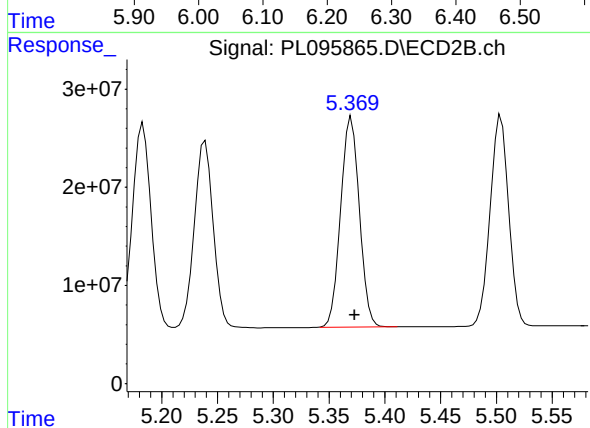
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 245694758
Conc: 47.22 ng/ml



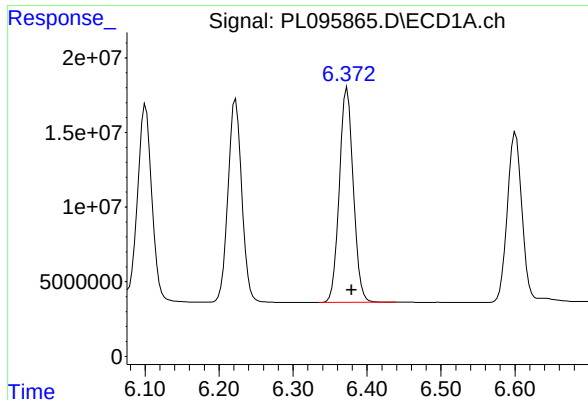
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 175621501
Conc: 47.88 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 249879745
Conc: 46.60 ng/ml



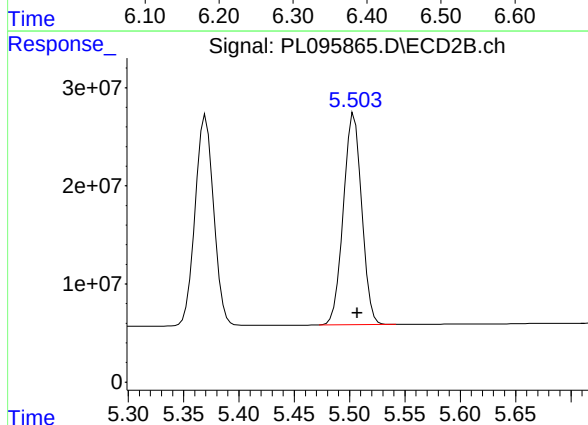
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.006 min
Response: 188006174
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

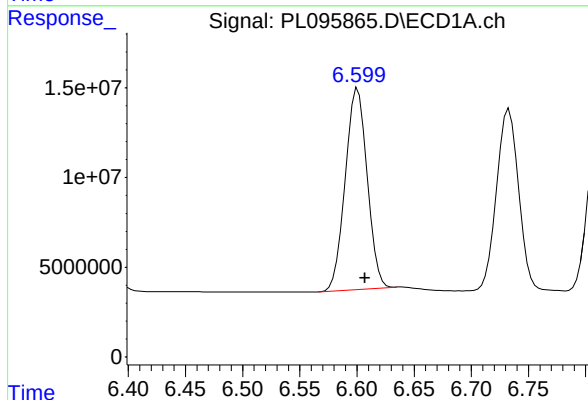
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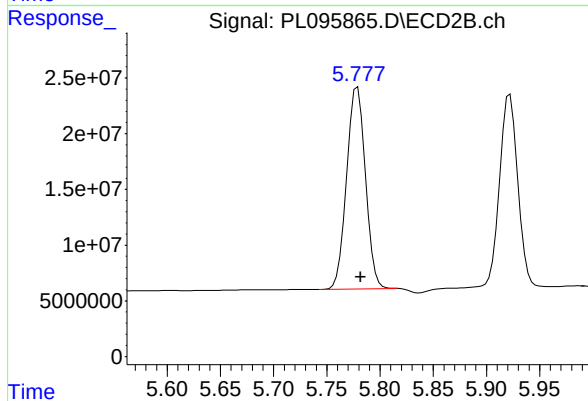
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 248987728
Conc: 46.98 ng/ml



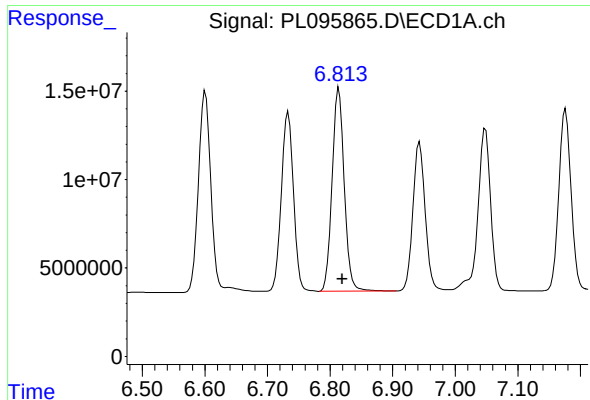
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 150922563
Conc: 46.77 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 221850180
Conc: 45.50 ng/ml m



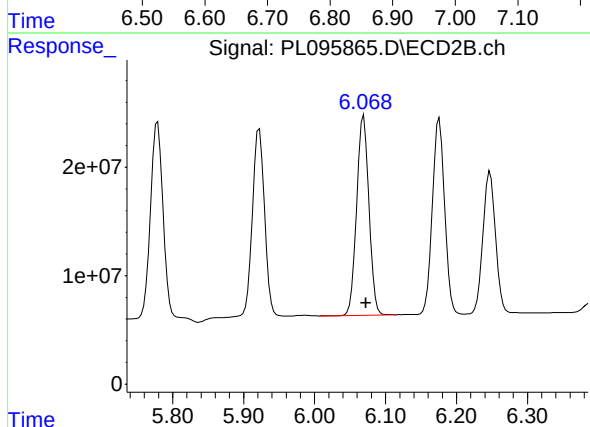
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 154941254
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

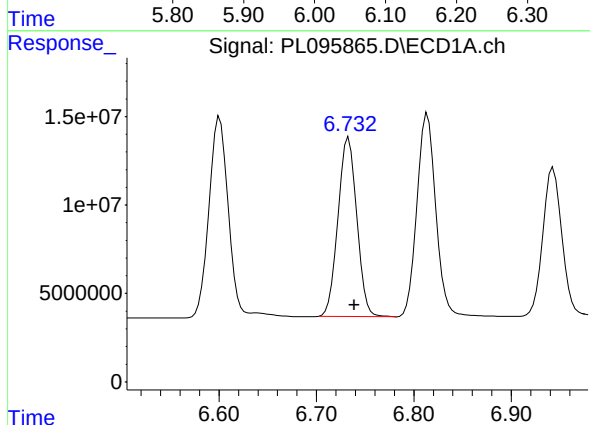
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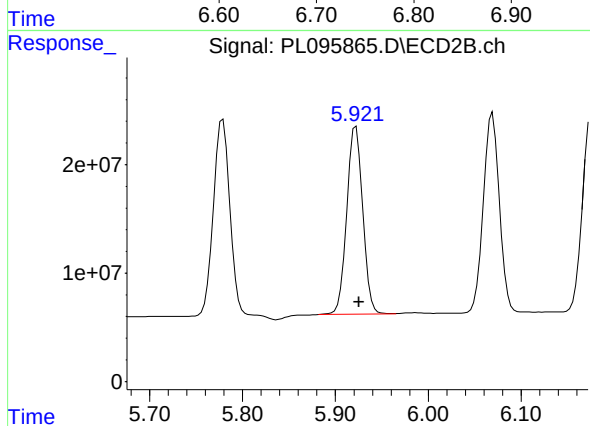
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 221078443
Conc: 46.53 ng/ml



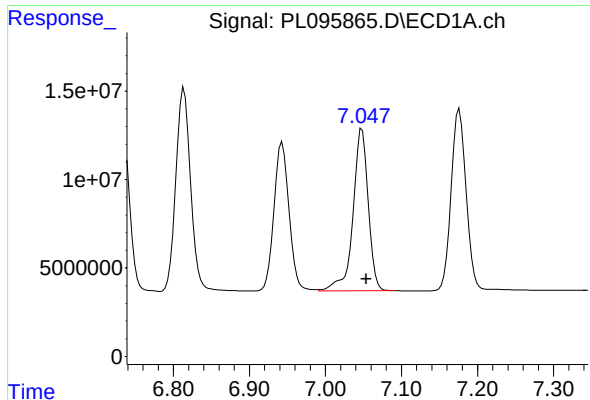
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 135954760
Conc: 46.39 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 207211078
Conc: 47.26 ng/ml



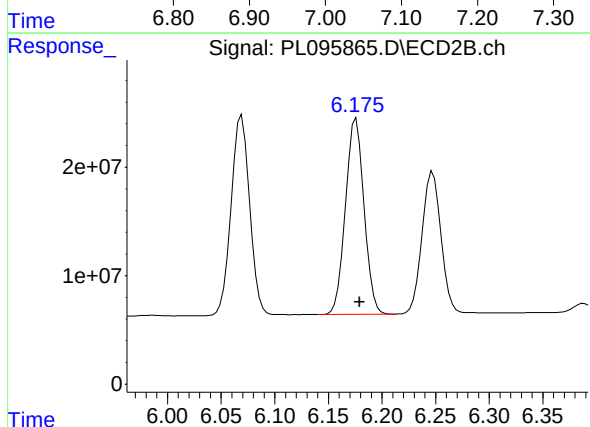
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 128535663
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

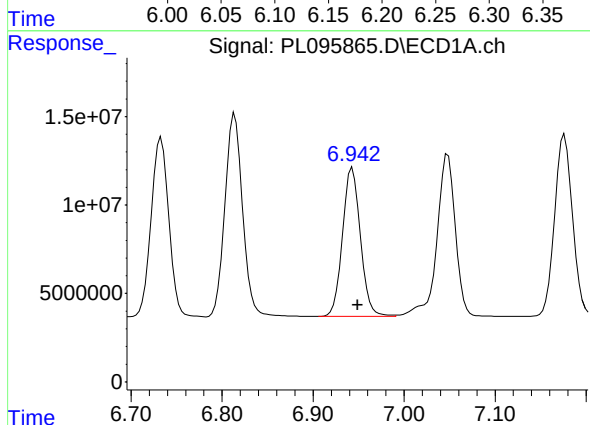
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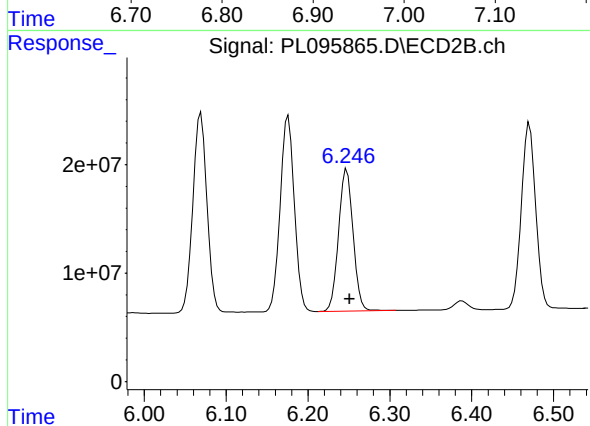
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 217662710
Conc: 45.51 ng/ml



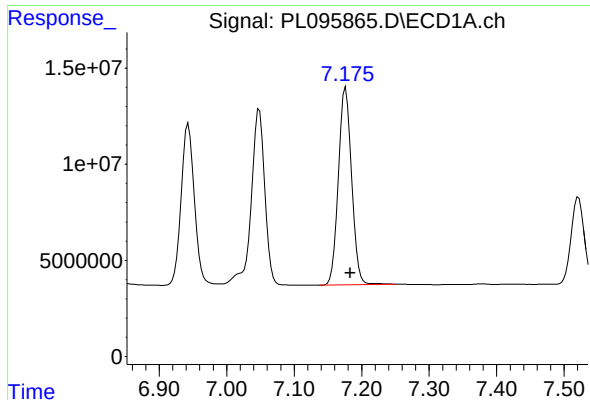
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 115231840
Conc: 47.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 161484970
Conc: 46.75 ng/ml



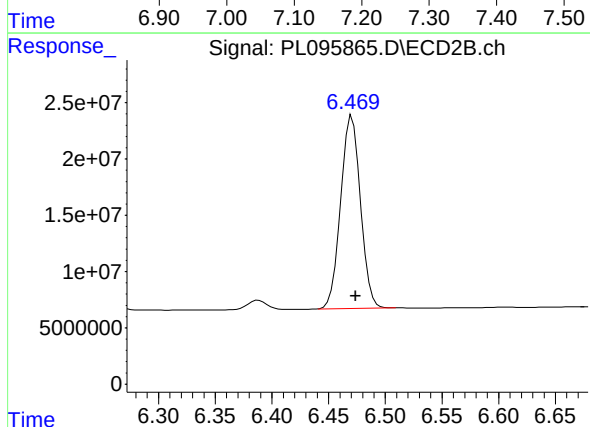
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 140341484
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

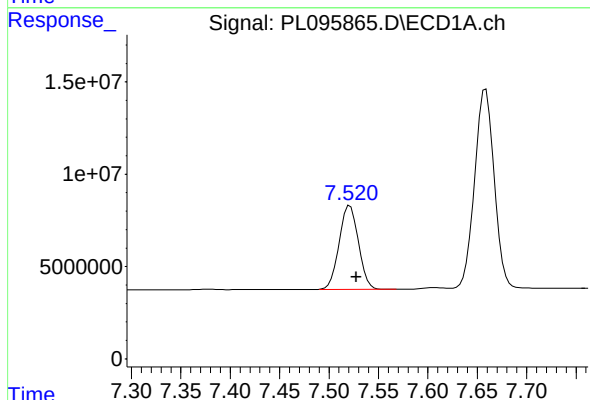
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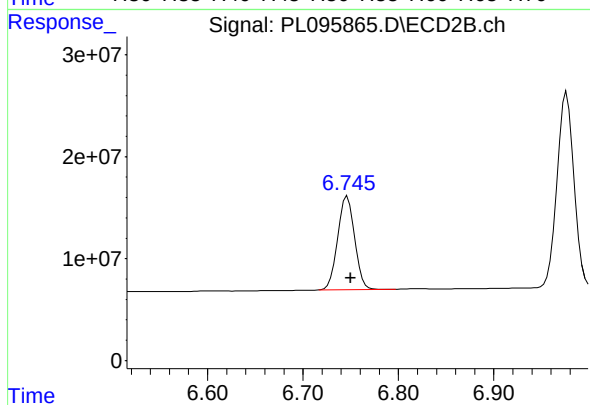
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 207485653
Conc: 46.16 ng/ml



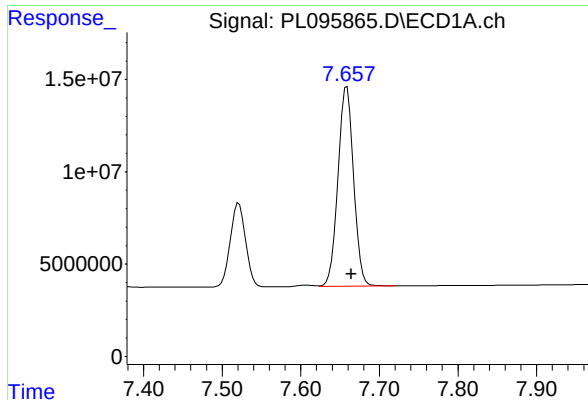
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.006 min
Response: 61459192
Conc: 48.19 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 113015344
Conc: 43.20 ng/ml



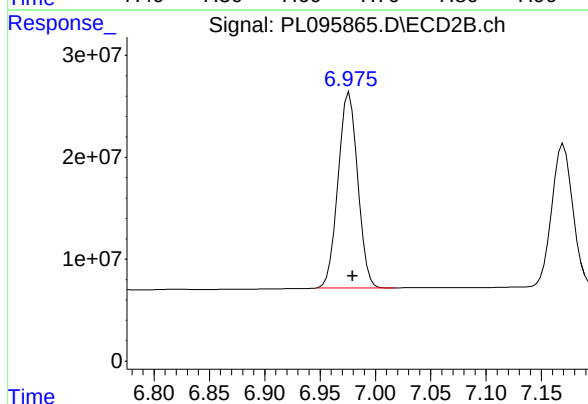
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.006 min
Response: 149061510
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

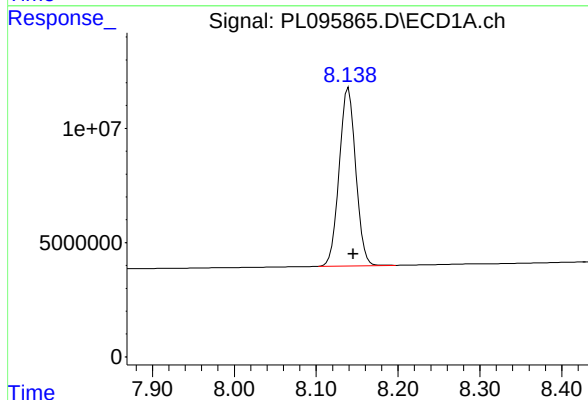
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Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



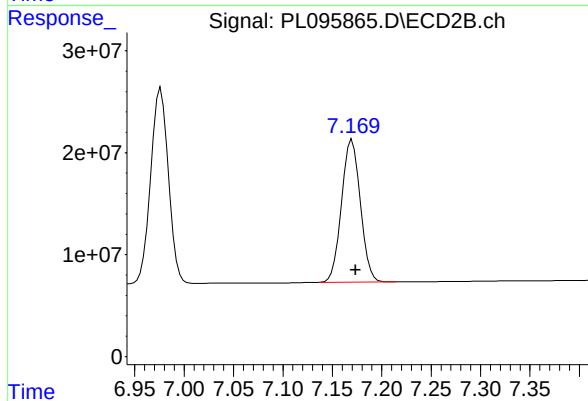
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 237716483
Conc: 45.95 ng/ml



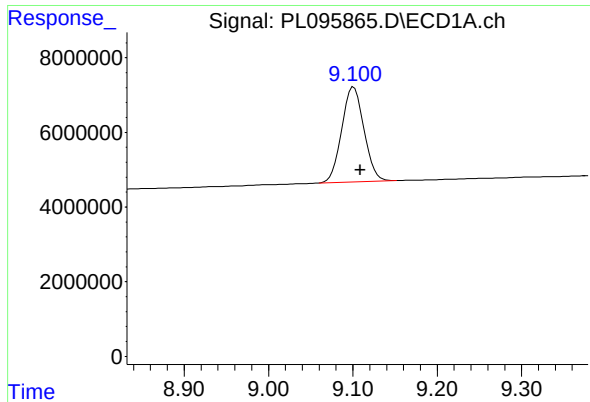
#22 Mirex

R.T.: 8.139 min
Delta R.T.: -0.006 min
Response: 109712989
Conc: 47.42 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 185054363
Conc: 45.57 ng/ml



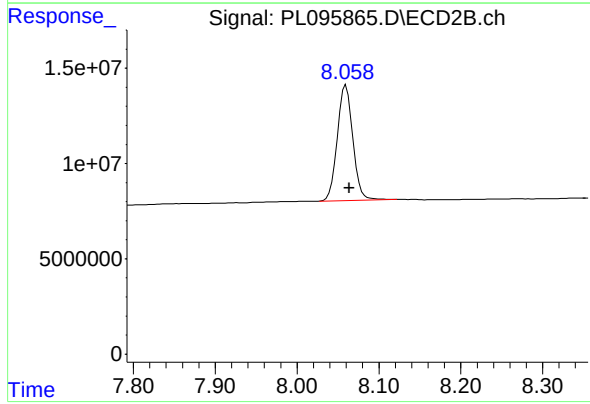
#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.008 min
Response: 46582610
Conc: 19.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168233BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2025
Supervised By :mohammad ahmed 06/04/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 80166340
Conc: 18.33 ng/ml