

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060625\
 Data File : PL095975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 19:12
 Operator : AR\AJ
 Sample : Q2228-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP08-MHI-WCMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 22:44:03 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	2.883	45426967	56680722	14.397m	14.482
28)	SA Decachlor...	9.114	8.067	36108395	58656506	15.324	13.409
Target Compounds							
2)	A alpha-BHC	4.023	3.393	238.0E6	308.0E6	49.102	52.583
3)	MA gamma-BHC...	4.355	3.727	225.4E6	300.2E6	50.406	53.597
4)	MA Heptachlor	4.953	4.079	197.7E6	294.5E6	52.232	52.497
5)	MB Aldrin	5.295	4.364	217.4E6	289.4E6	50.830	54.537
6)	B beta-BHC	4.543	4.022	100.8E6	134.5E6	51.141	54.301
7)	B delta-BHC	4.791	4.257	236.5E6	315.1E6	53.333	55.788
8)	B Heptachlo...	5.716	4.866	194.2E6	269.2E6	50.873	54.525
9)	A Endosulfan I	6.100	5.239	182.4E6	245.3E6	49.777	51.484
10)	B gamma-Chl...	5.971	5.119	194.5E6	282.6E6	49.977	53.797
11)	B alpha-Chl...	6.052	5.184	195.1E6	276.5E6	49.426	53.148
12)	B 4,4'-DDE	6.223	5.372	183.6E6	280.9E6	50.052	52.392
13)	MA Dieldrin	6.374	5.505	190.4E6	275.4E6	49.341	51.963
14)	MA Endrin	6.601	5.779	162.1E6	251.2E6	50.246	51.520m
15)	B Endosulfa...	6.814	6.072	159.0E6	244.7E6	46.148	51.489
16)	A 4,4'-DDD	6.735	5.925	151.0E6	230.2E6	51.517	52.490
17)	MA 4,4'-DDT	7.050	6.179	138.9E6	227.8E6	51.364	47.624
18)	B Endrin al...	6.943	6.251	120.9E6	167.5E6	50.012	48.501
19)	B Endosulfa...	7.178	6.475	146.5E6	201.1E6	49.053	44.751
20)	A Methoxychlor	7.525	6.752	67627928	116.5E6	53.028	44.532
21)	B Endrin ke...	7.660	6.981	157.2E6	229.9E6	49.638	44.438
22)	Mirex	8.143	7.175	119.0E6	169.2E6	51.443	41.678

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060625\
Data File : PL095975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 19:12
Operator : AR\AJ
Sample : Q2228-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

TP08-MHI-WCMS

Manual Integrations

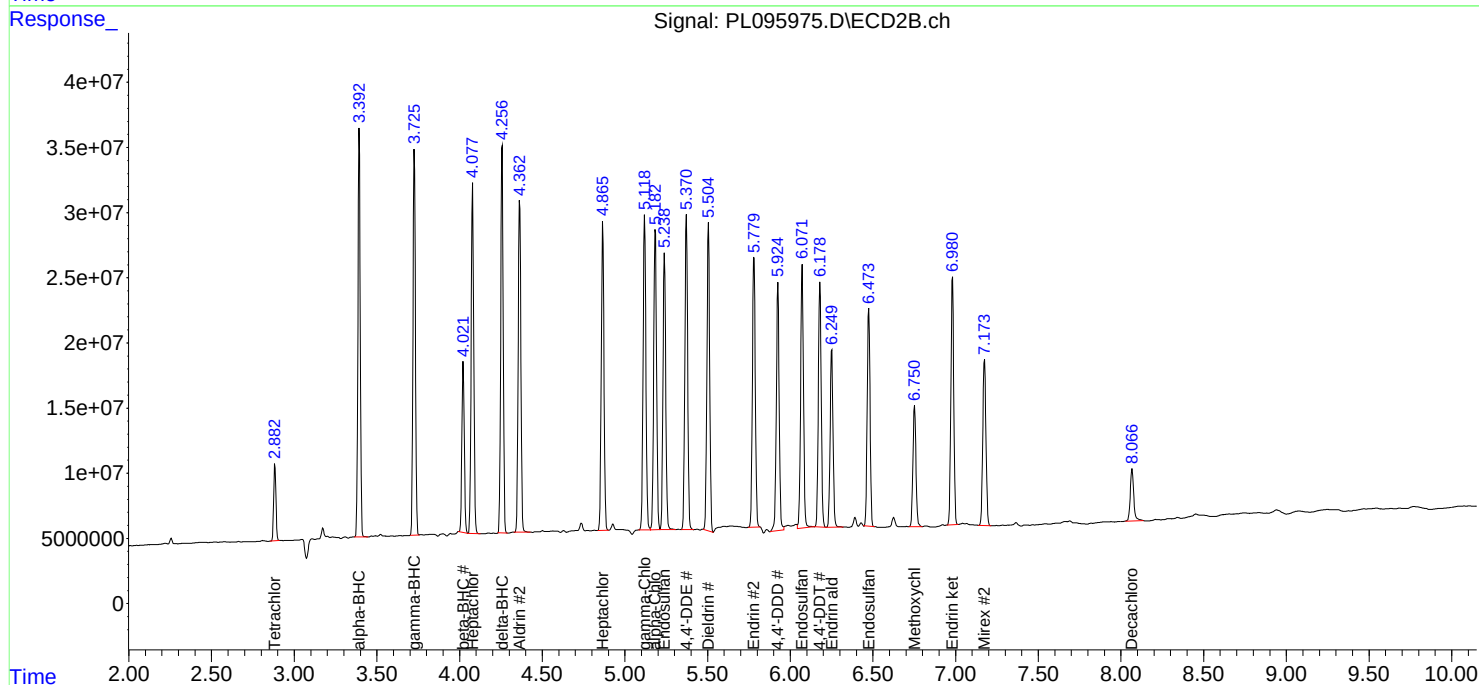
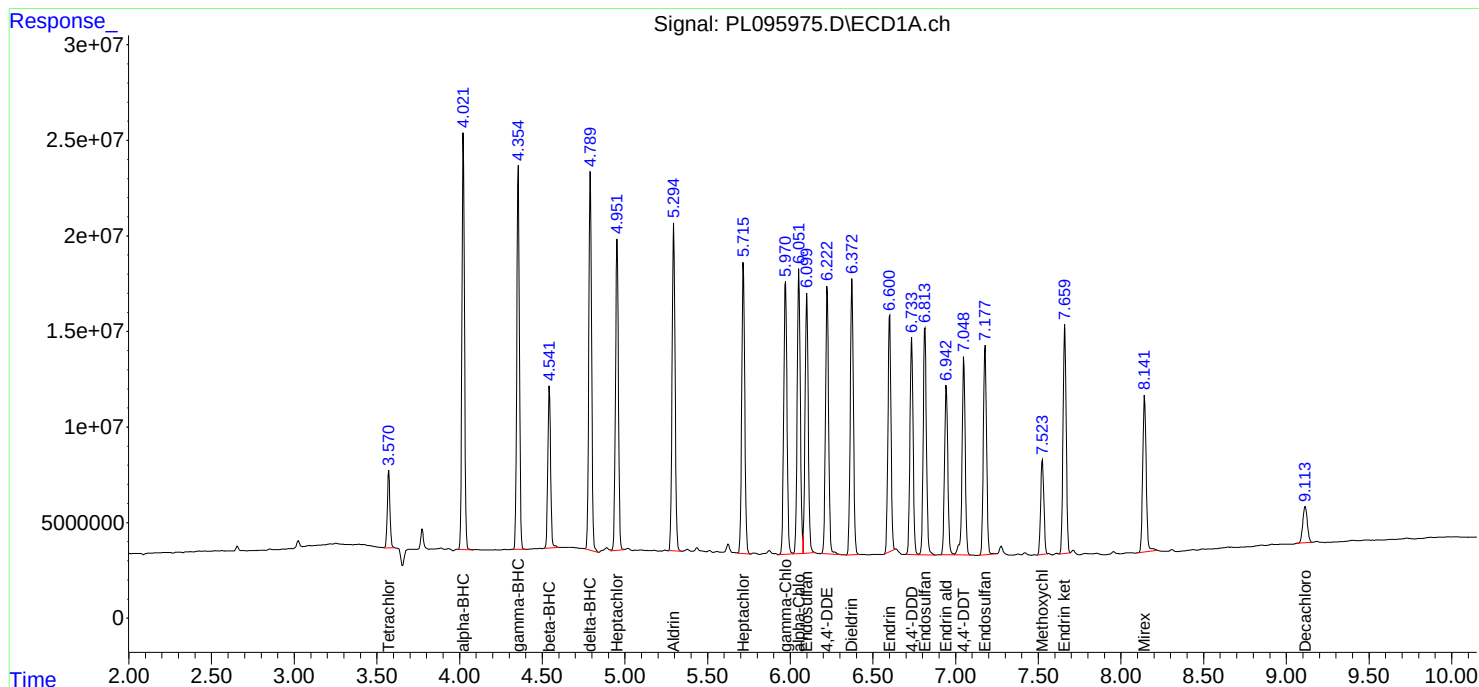
APPROVED

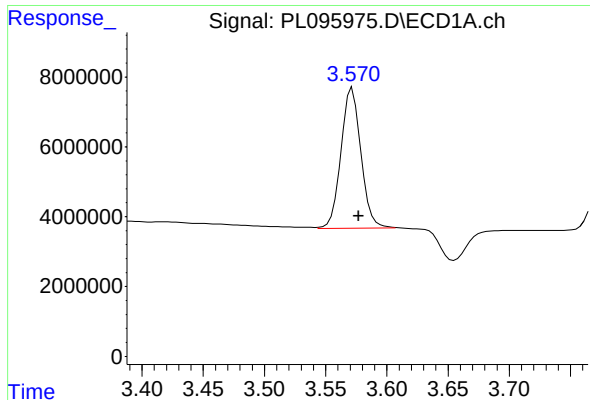
Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 22:44:03 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





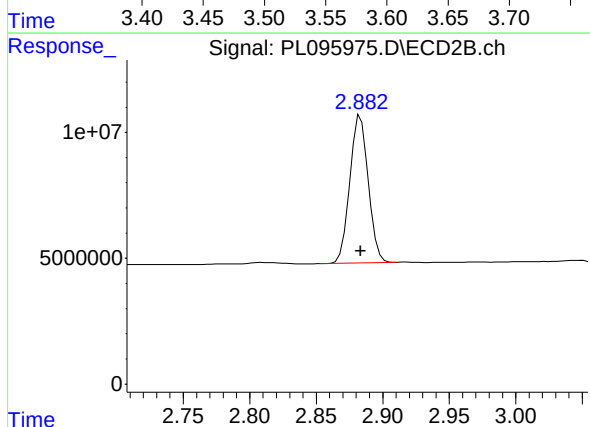
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.007 min
Response: 45426967
Conc: 14.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

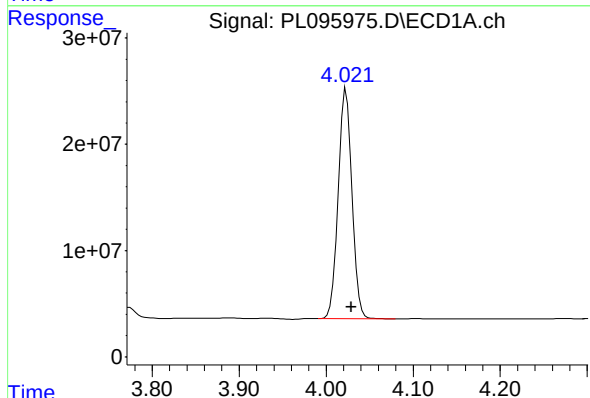
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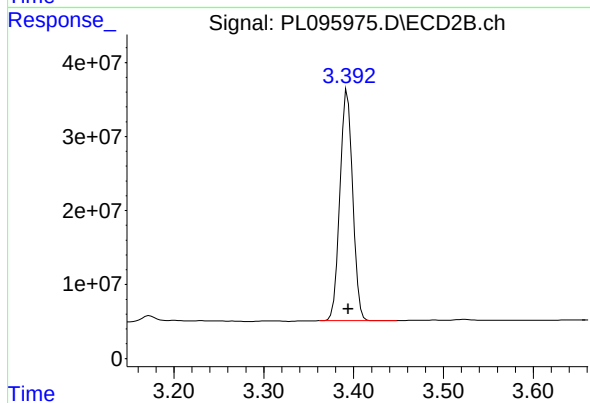
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 56680722
Conc: 14.48 ng/ml



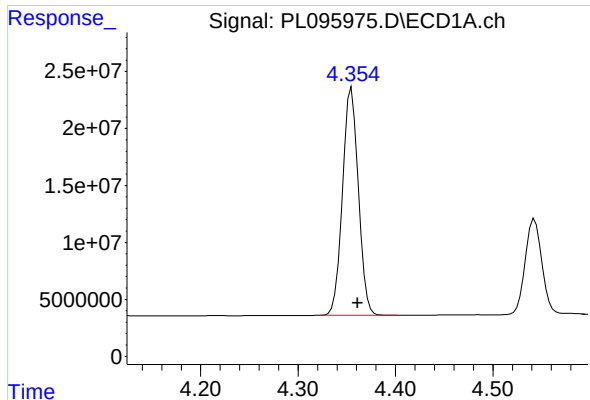
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 238042760
Conc: 49.10 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 307998139
Conc: 52.58 ng/ml



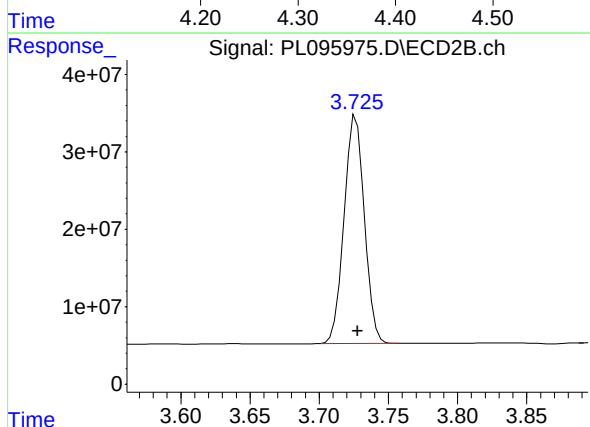
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 225406614
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

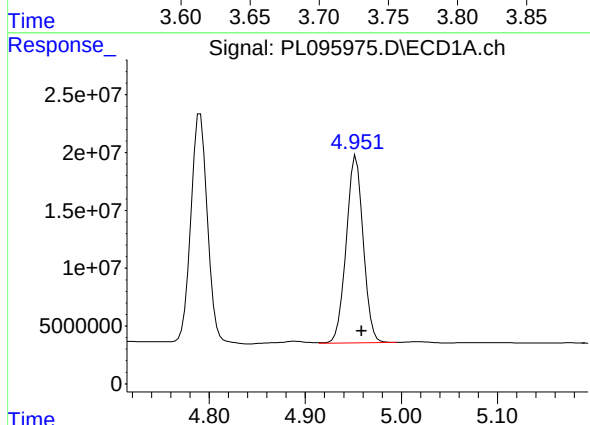
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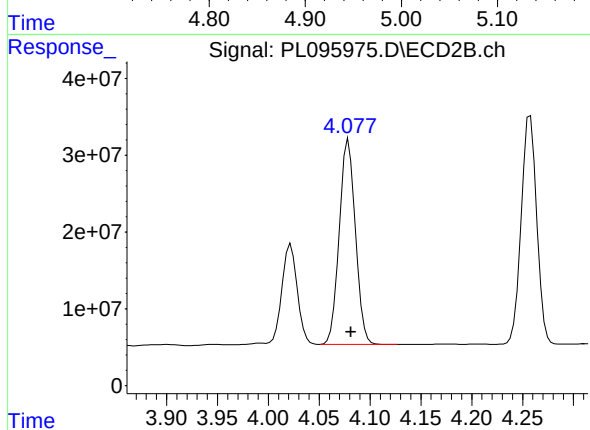
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: -0.001 min
Response: 300208439
Conc: 53.60 ng/ml



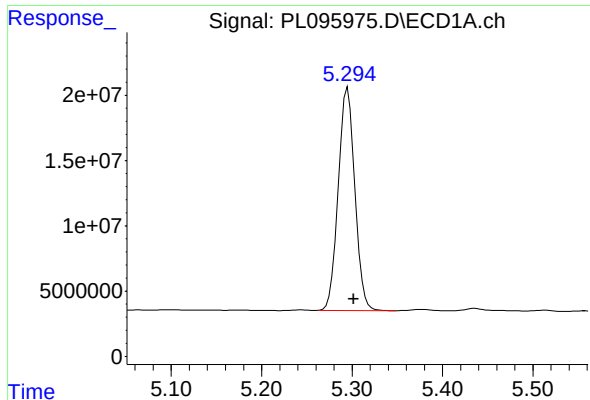
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 197701534
Conc: 52.23 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 294460275
Conc: 52.50 ng/ml



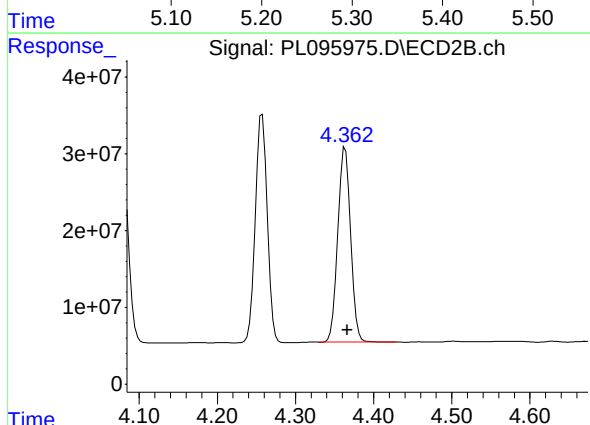
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 217435893
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

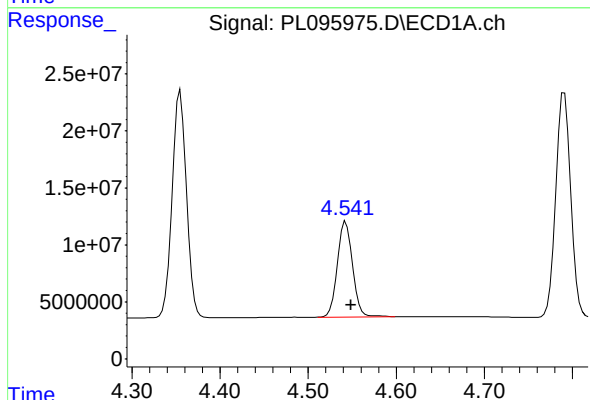
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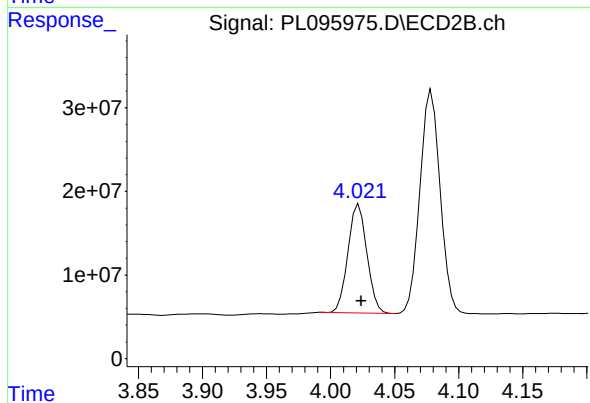
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 289432203
Conc: 54.54 ng/ml



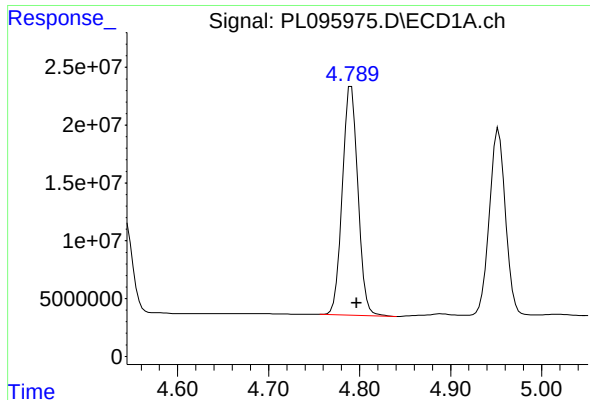
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 100816780
Conc: 51.14 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 134534190
Conc: 54.30 ng/ml



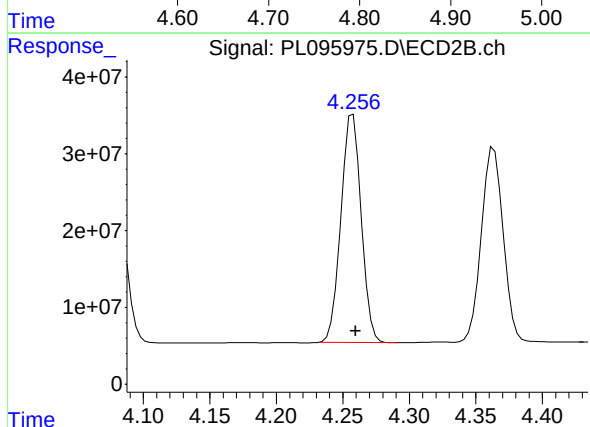
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 236456133
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

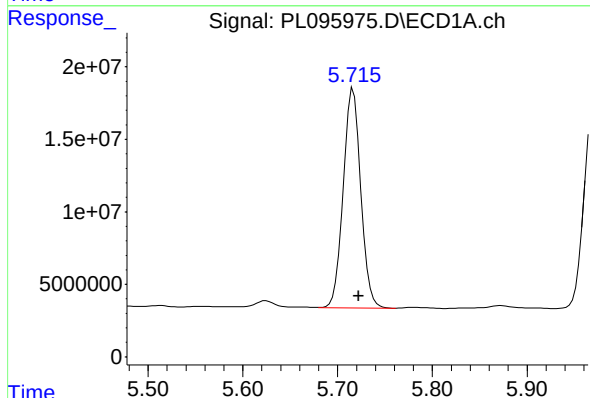
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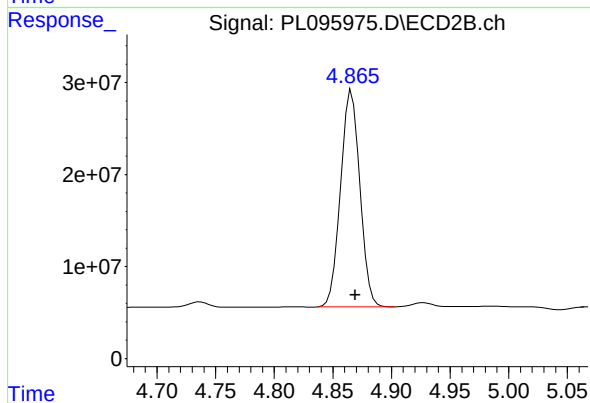
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.002 min
Response: 315055885
Conc: 55.79 ng/ml



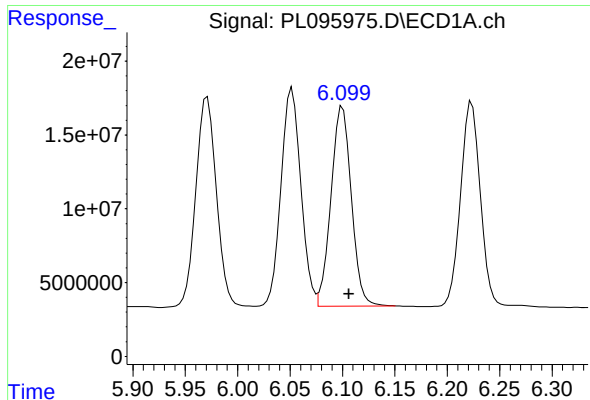
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 194176252
Conc: 50.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.003 min
Response: 269214695
Conc: 54.53 ng/ml



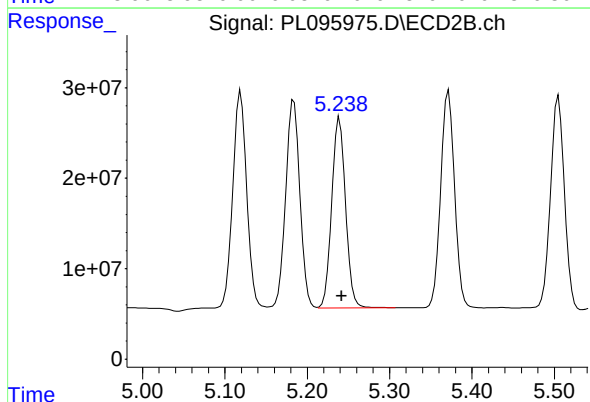
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 182425304
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

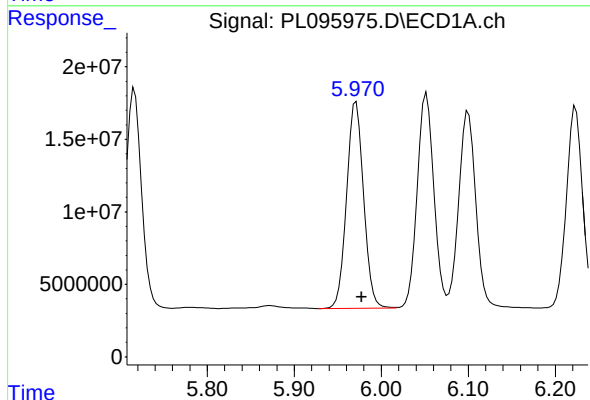
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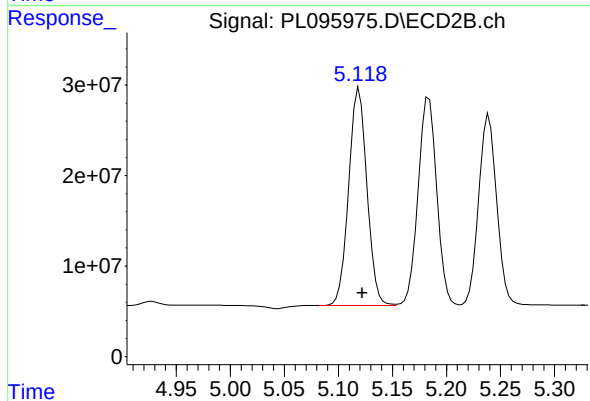
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 245321084
Conc: 51.48 ng/ml



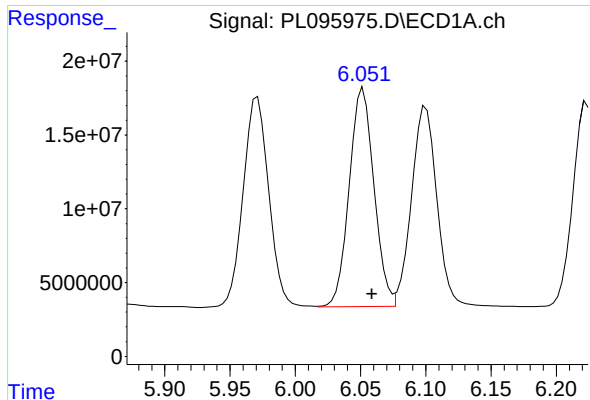
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 194514124
Conc: 49.98 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 282577967
Conc: 53.80 ng/ml



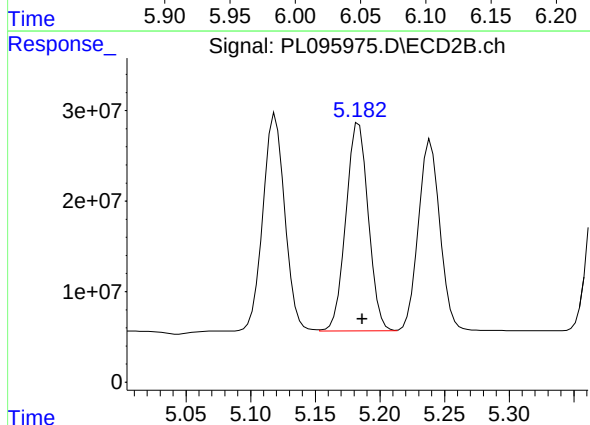
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 195140788
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

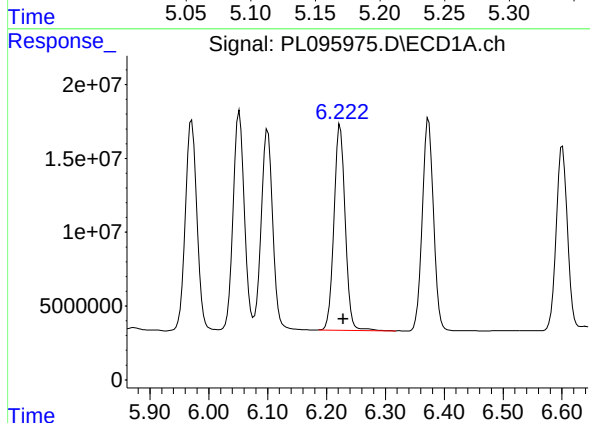
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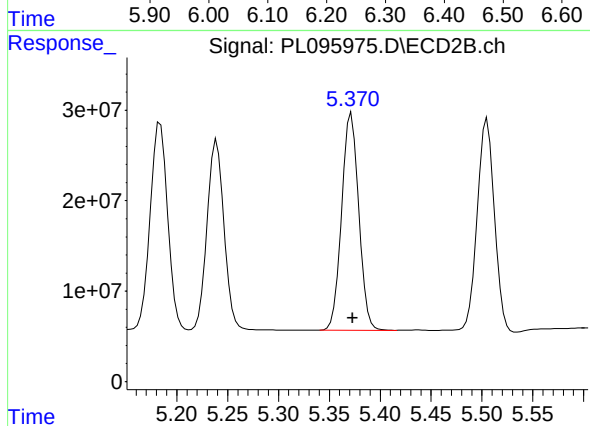
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 276516812
Conc: 53.15 ng/ml



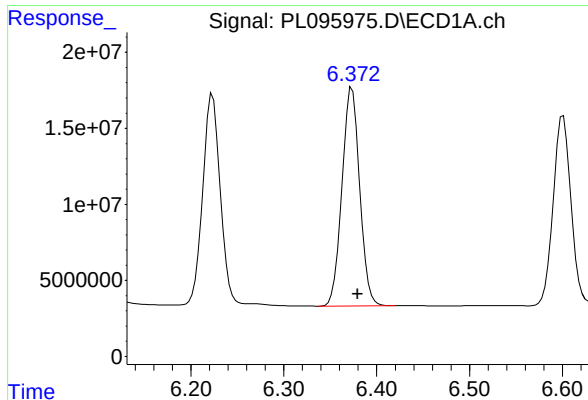
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.006 min
Response: 183587511
Conc: 50.05 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.001 min
Response: 280933812
Conc: 52.39 ng/ml



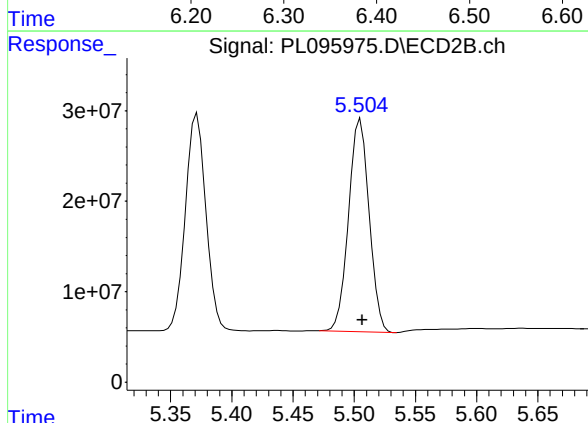
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 190414291
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

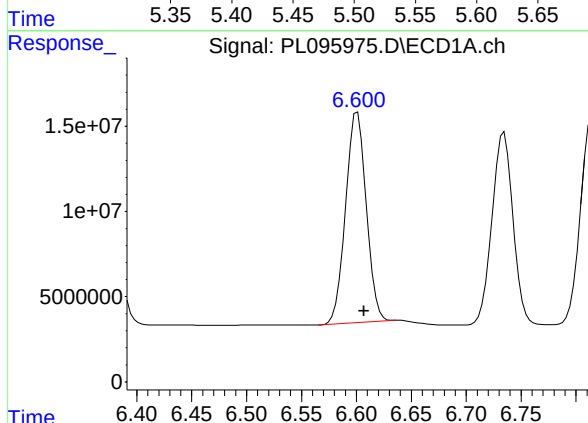
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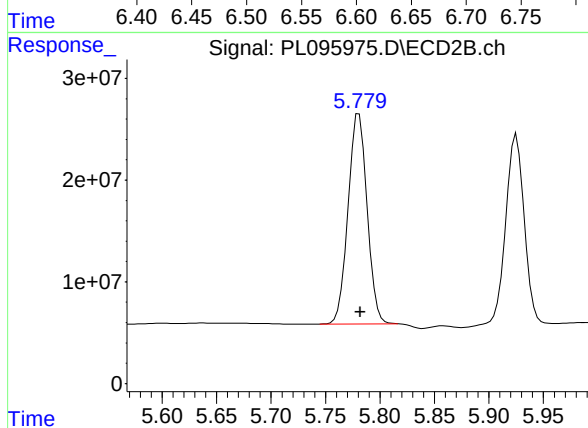
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 275411020
Conc: 51.96 ng/ml



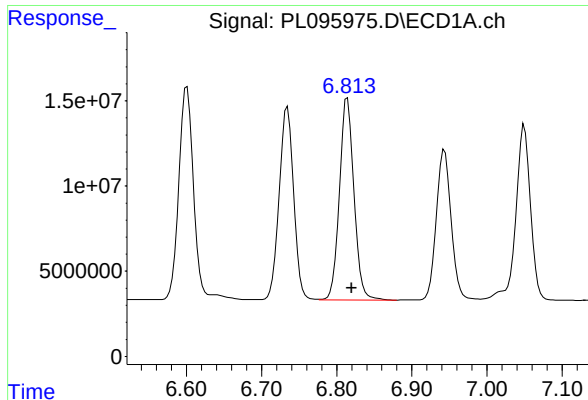
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 162130365
Conc: 50.25 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 251217730
Conc: 51.52 ng/ml m



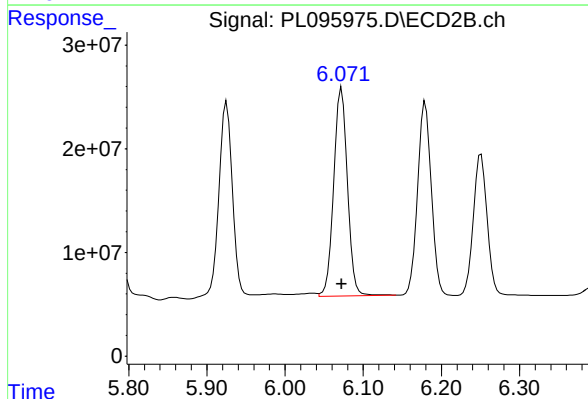
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 159029068
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

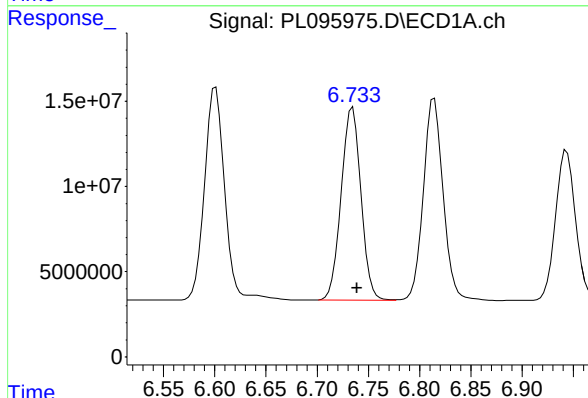
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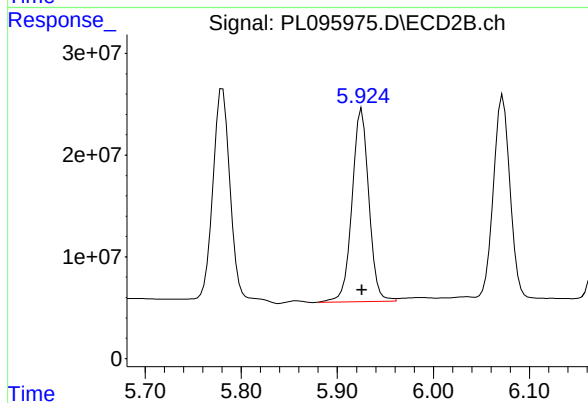
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 244664741
Conc: 51.49 ng/ml



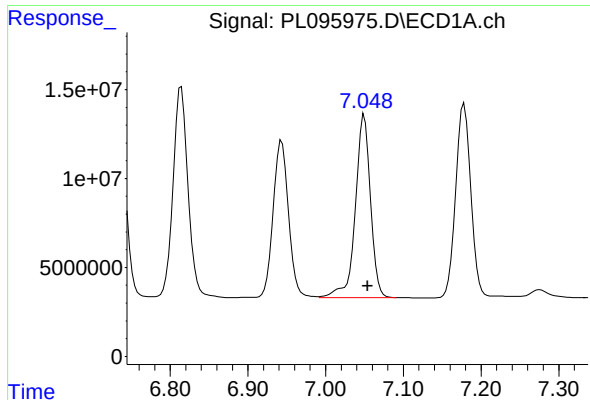
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 150975625
Conc: 51.52 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 230166401
Conc: 52.49 ng/ml



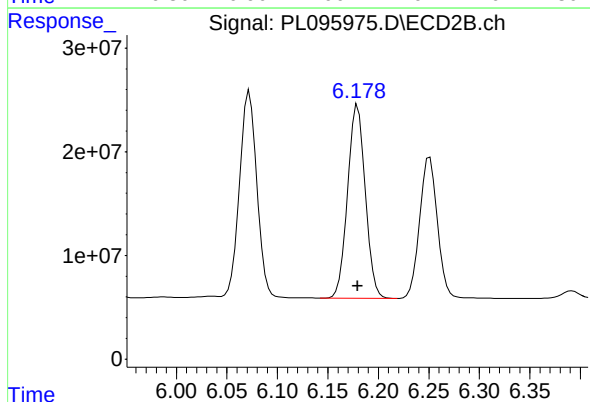
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: -0.004 min
Response: 138945749
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

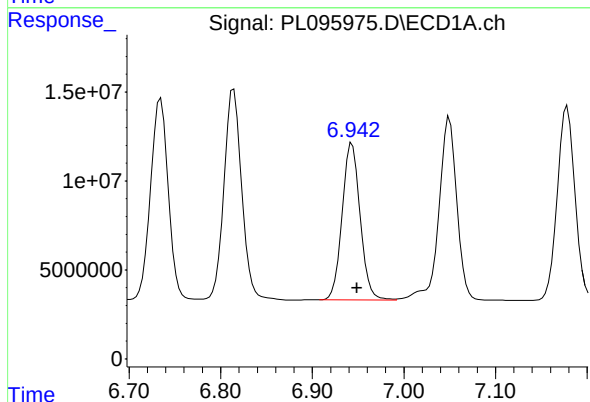
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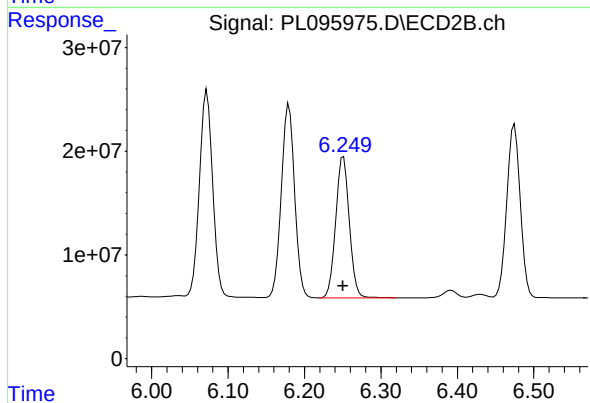
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 227764371
Conc: 47.62 ng/ml



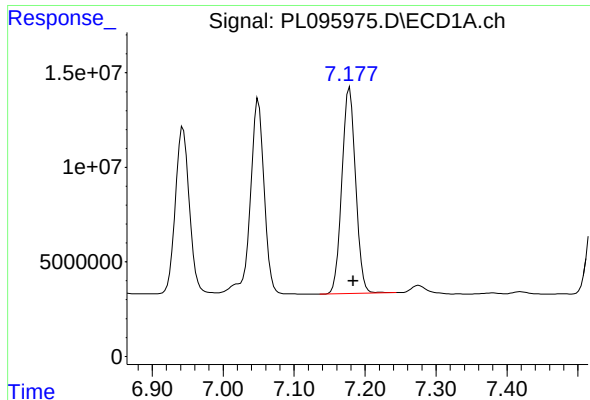
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 120909585
Conc: 50.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 167535024
Conc: 48.50 ng/ml



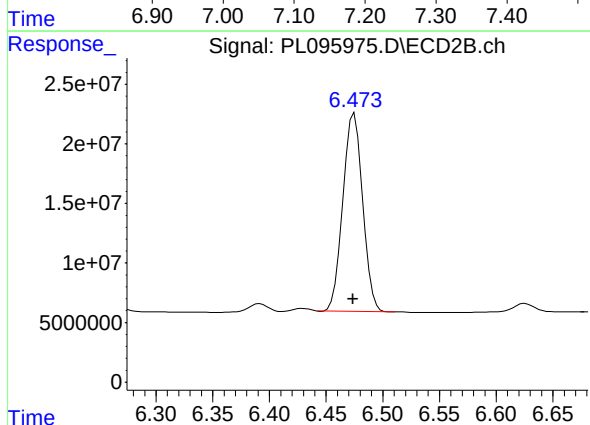
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: -0.005 min
Response: 146517257
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

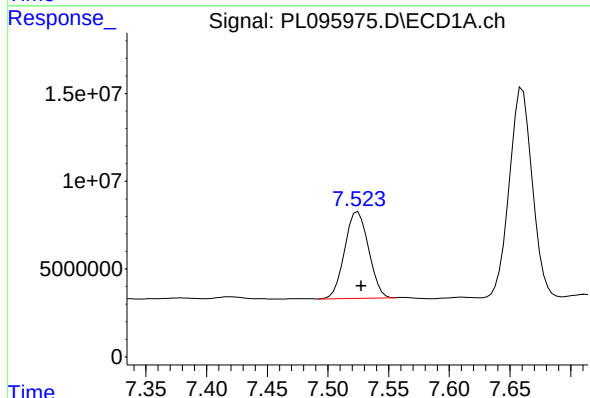
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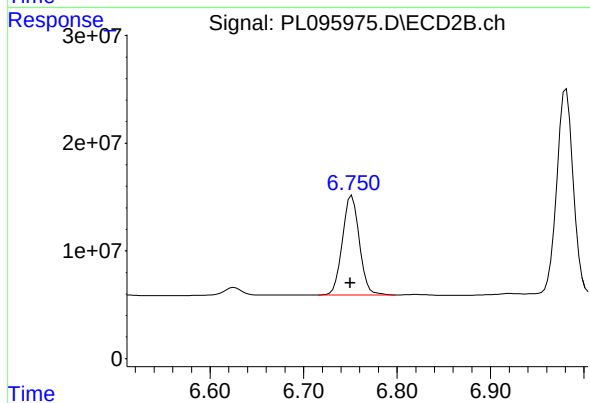
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.001 min
Response: 201145281
Conc: 44.75 ng/ml



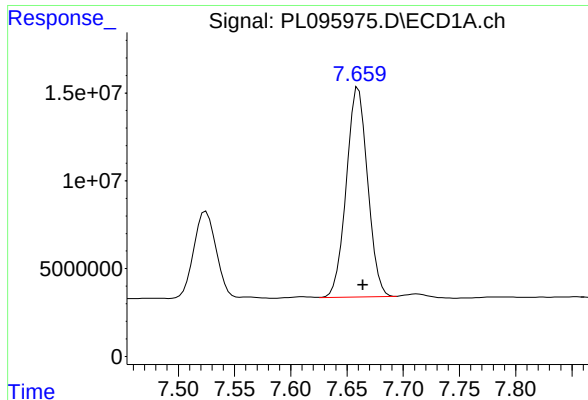
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: -0.003 min
Response: 67627928
Conc: 53.03 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: 0.002 min
Response: 116501597
Conc: 44.53 ng/ml



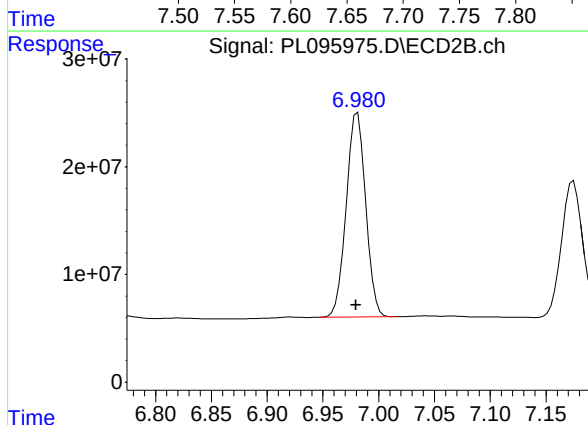
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 157199816
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

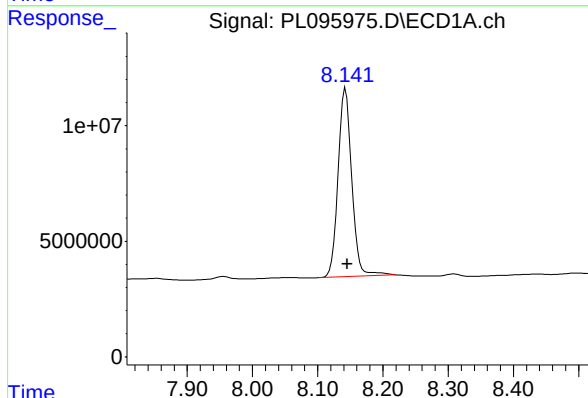
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



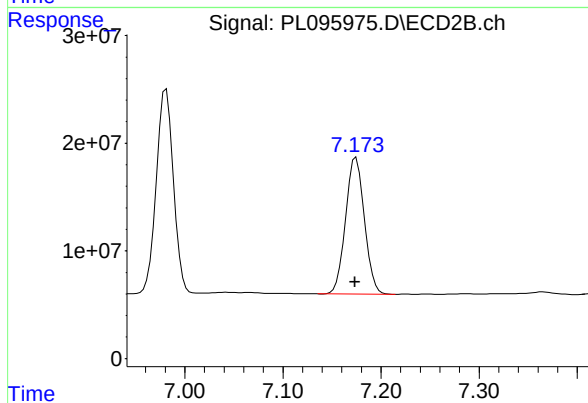
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 229918208
Conc: 44.44 ng/ml



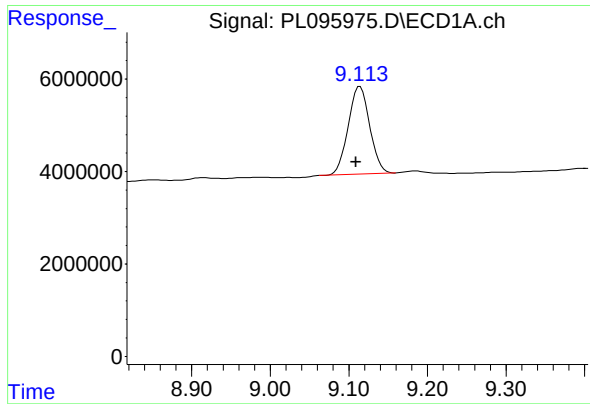
#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 119028488
Conc: 51.44 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 169234977
Conc: 41.68 ng/ml



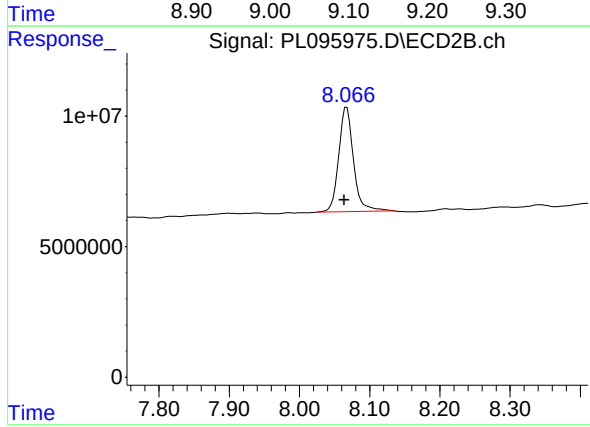
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 36108395
Conc: 15.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP08-MHI-WCMS

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#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.004 min
Response: 58656506
Conc: 13.41 ng/ml