

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 20:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:26:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.534	2.767	138.8E6	191.2E6	49.030	53.559
28) SA Decachlor...	9.047	7.898	105.5E6	194.5E6	50.062	48.140
Target Compounds						
2) A alpha-BHC	3.989	3.269	201.1E6	290.5E6	48.422	53.878
3) MA gamma-BHC...	4.322	3.598	191.5E6	274.2E6	47.982	53.344
4) MA Heptachlor	4.909	3.935	171.8E6	259.9E6	44.265	49.325
5) MB Aldrin	5.251	4.214	168.5E6	250.7E6	45.629	51.406
6) B beta-BHC	4.521	3.898	88424439	120.0E6	47.921	54.013
7) B delta-BHC	4.768	4.127	191.5E6	273.7E6	49.174	54.723
8) B Heptachlo...	5.677	4.717	154.3E6	231.6E6	46.132	50.587
9) A Endosulfan I	6.062	5.086	144.2E6	205.8E6	46.954	46.903
10) B gamma-Chl...	5.934	4.966	157.7E6	243.0E6	46.809	50.330
11) B alpha-Chl...	6.012	5.030	154.6E6	237.1E6	46.891	49.674
12) B 4,4'-DDE	6.186	5.217	151.2E6	241.4E6	51.408	51.939m
13) MA Dieldrin	6.337	5.348	151.8E6	240.5E6	47.450	49.567m
14) MA Endrin	6.567	5.626	112.1E6	198.6E6	40.442	45.518
15) B Endosulfa...	6.788	5.920	130.1E6	214.0E6	47.923	49.447m
16) A 4,4'-DDD	6.704	5.774	120.5E6	200.2E6	55.615	55.683
17) MA 4,4'-DDT	7.018	6.023	106.8E6	183.8E6	44.911	45.587
18) B Endrin al...	6.918	6.100	97816045	158.8E6	46.337	47.180
19) B Endosulfa...	7.153	6.323	116.6E6	200.1E6	47.946	49.114
20) A Methoxychlor	7.492	6.599	55464369	97110486	46.333m	45.784
21) B Endrin ke...	7.638	6.826	131.9E6	240.8E6	49.886	50.461m
22) Mirex	8.110	7.005	91859797	174.5E6	44.456	45.991m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 20:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

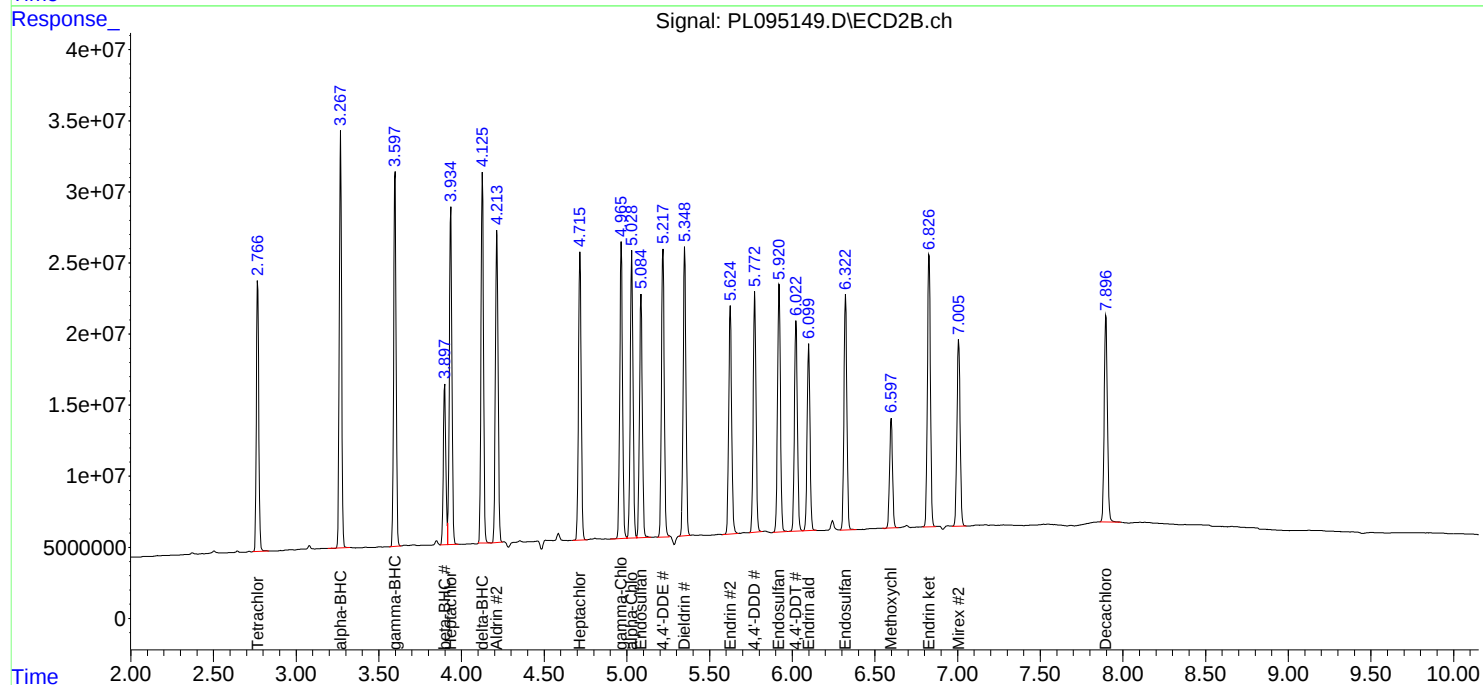
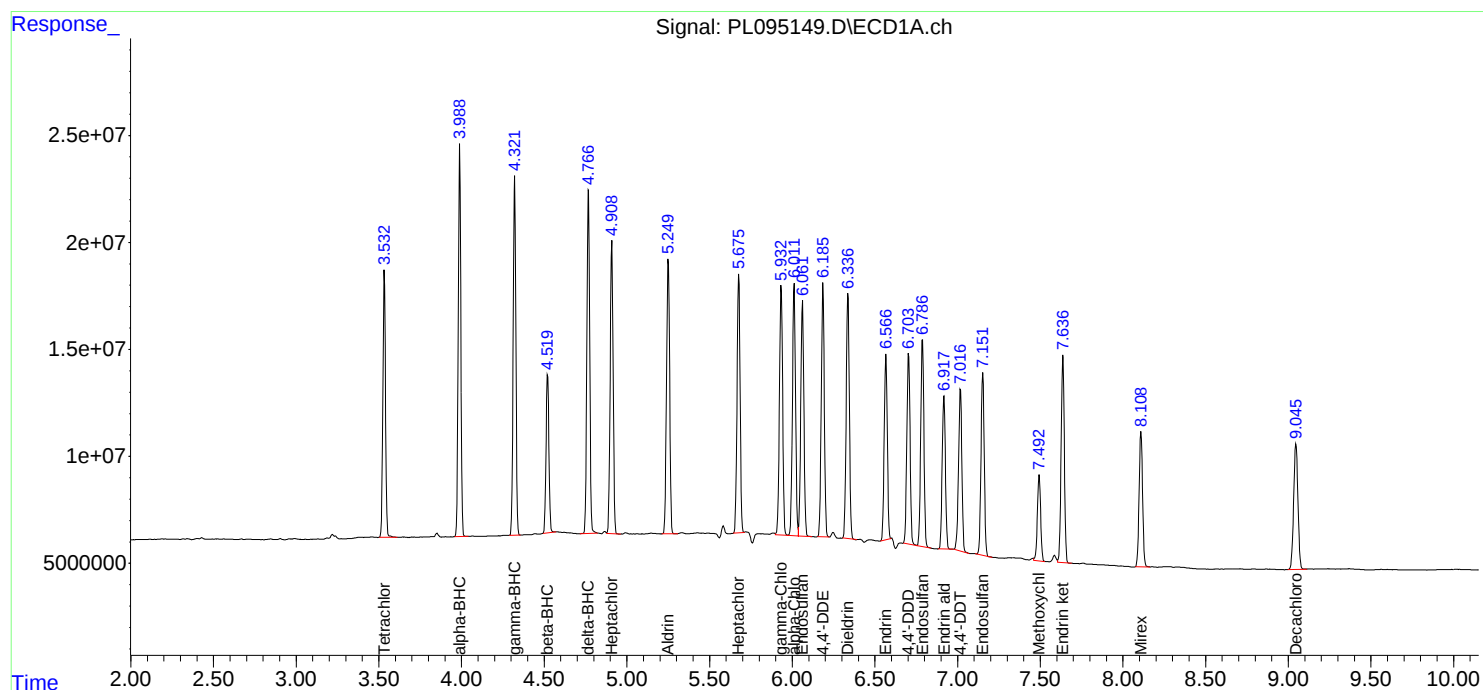
APPROVED

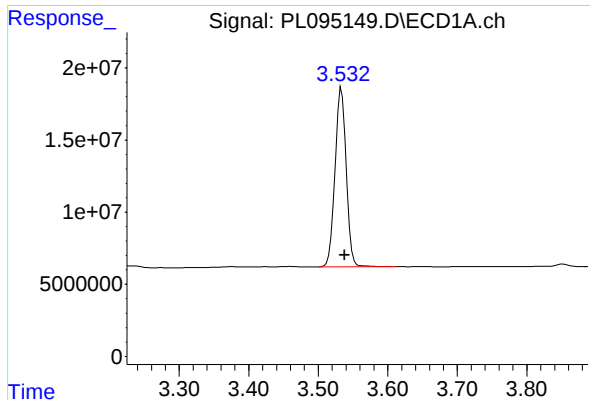
Reviewed By :Abdul Mirza 04/10/2025

Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:26:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





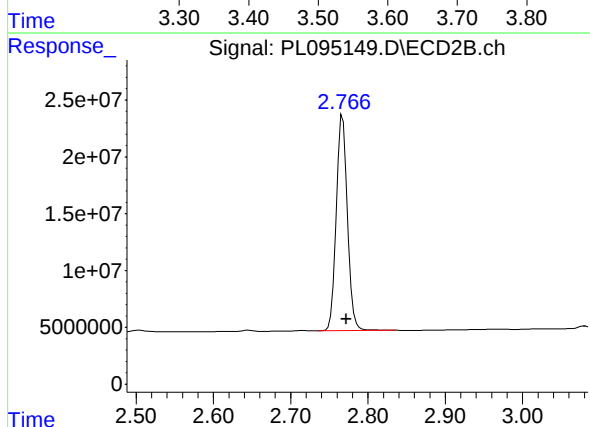
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 138786906
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

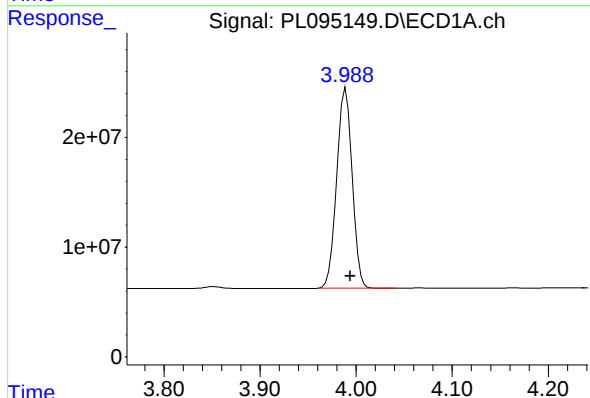
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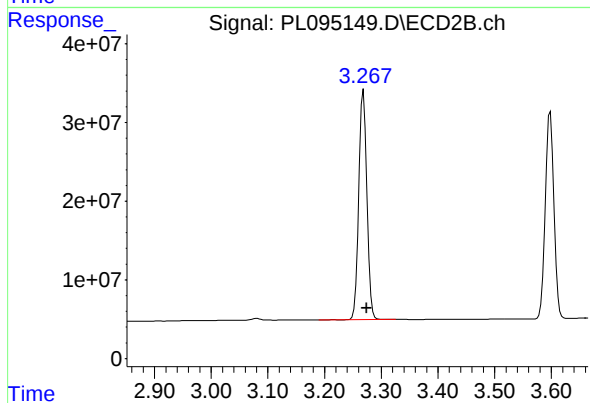
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 191168067
Conc: 53.56 ng/ml



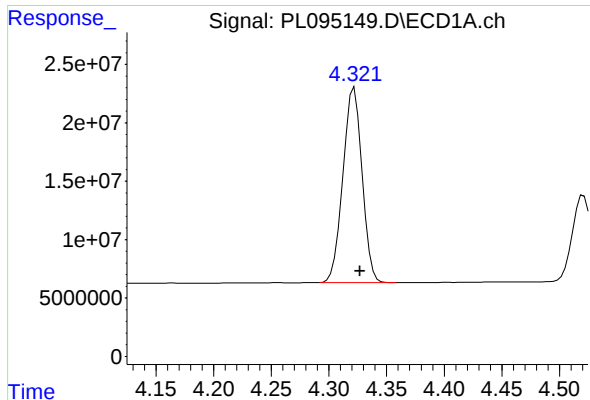
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 201065794
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 290474837
Conc: 53.88 ng/ml



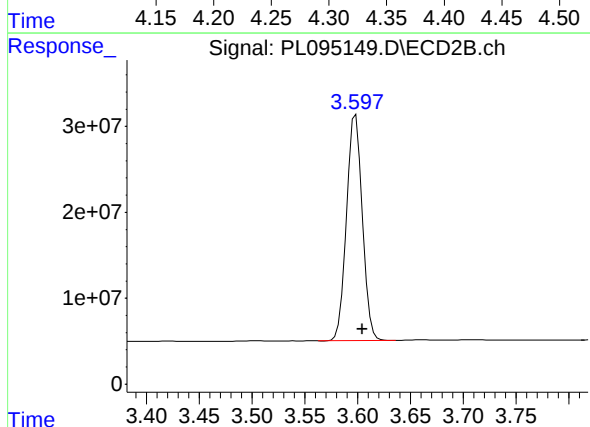
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 191460209
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

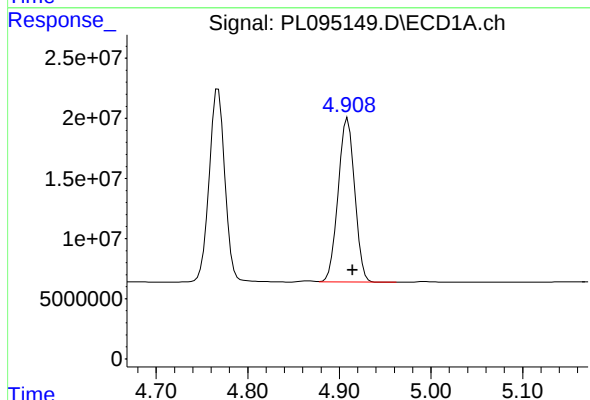
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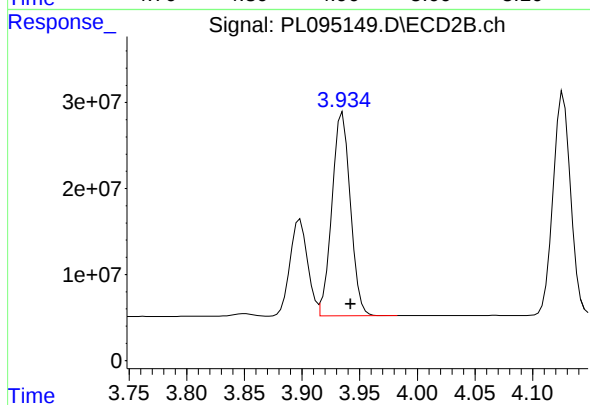
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 274159657
Conc: 53.34 ng/ml



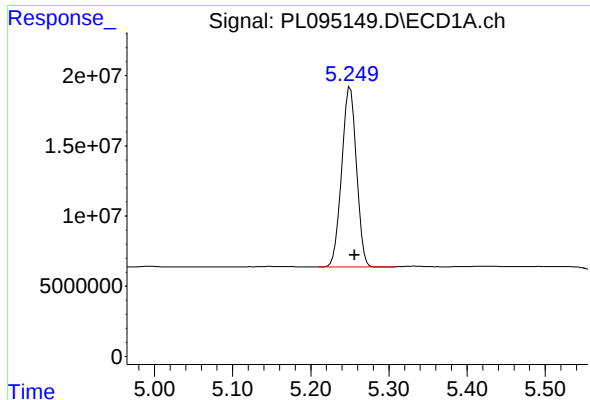
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 171820497
Conc: 44.27 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 259876973
Conc: 49.33 ng/ml



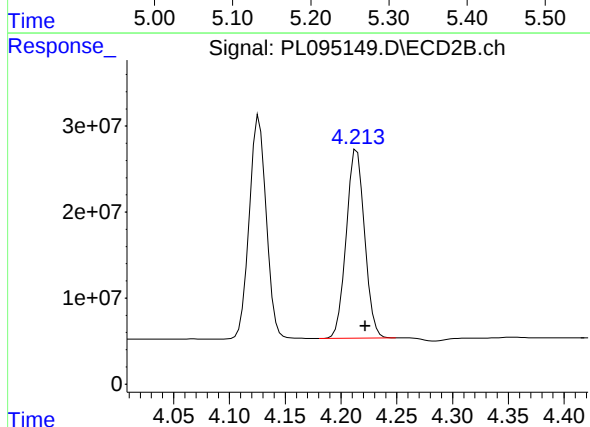
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 168471712
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

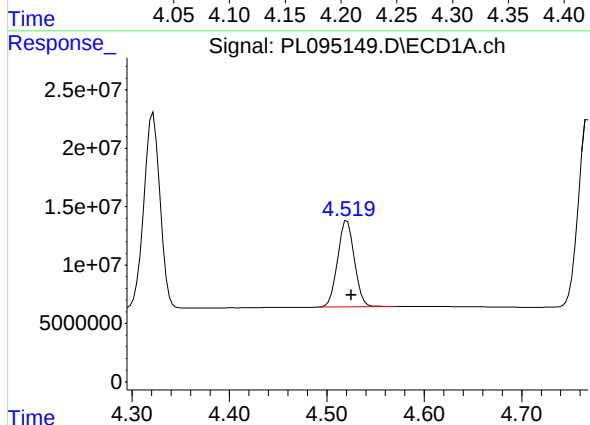
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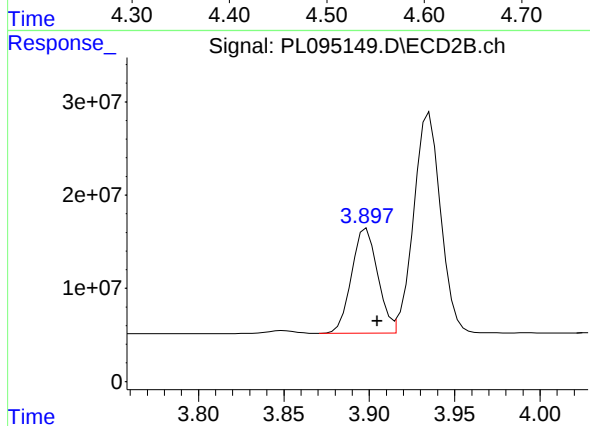
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 250674428
Conc: 51.41 ng/ml



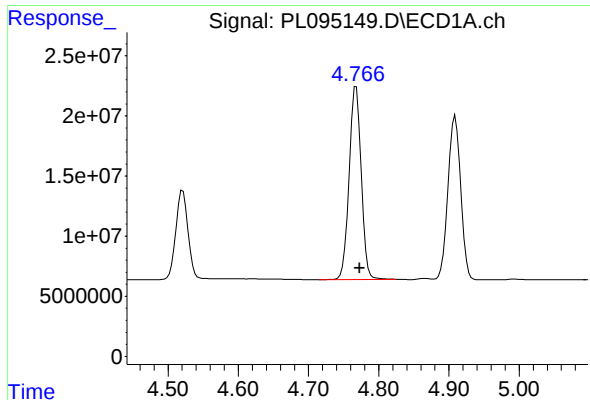
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 88424439
Conc: 47.92 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 119977922
Conc: 54.01 ng/ml



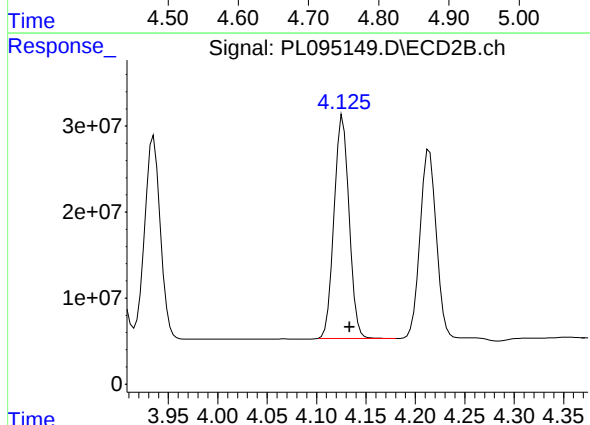
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.005 min
Response: 191499550
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

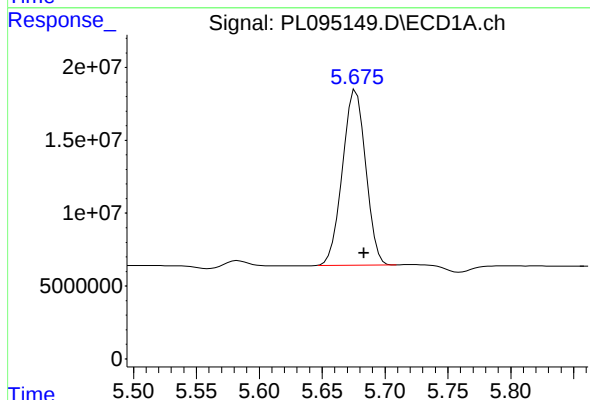
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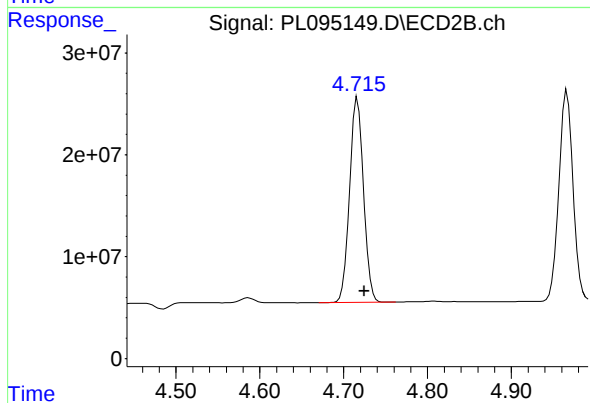
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.007 min
Response: 273721761
Conc: 54.72 ng/ml



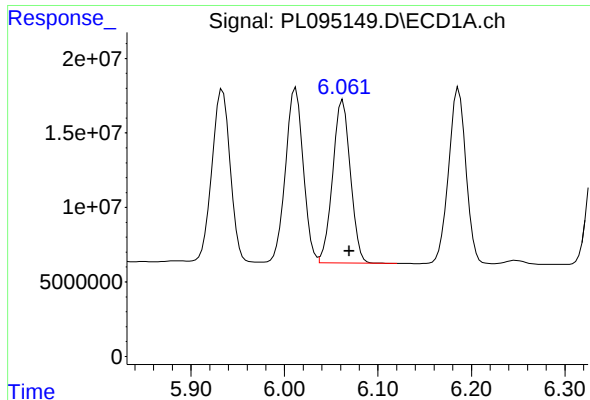
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 154319793
Conc: 46.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 231615318
Conc: 50.59 ng/ml



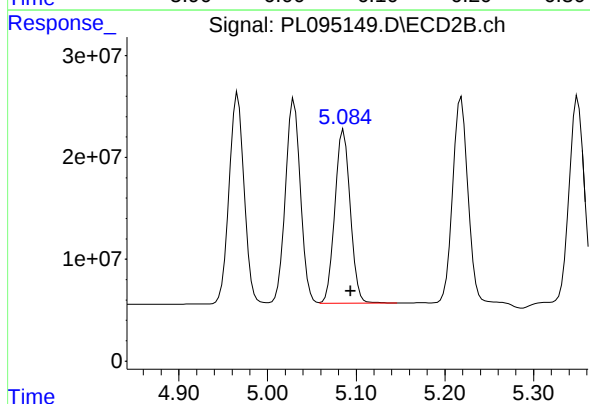
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 144158941
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

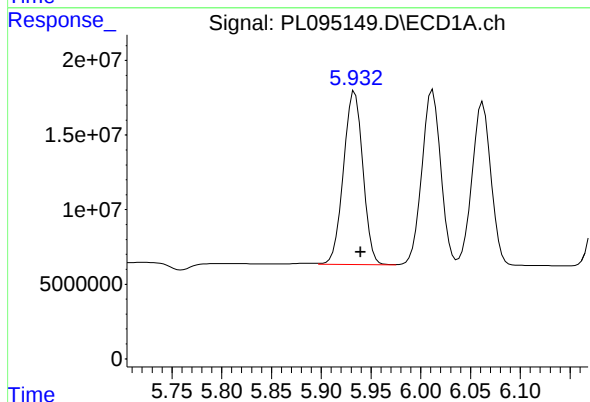
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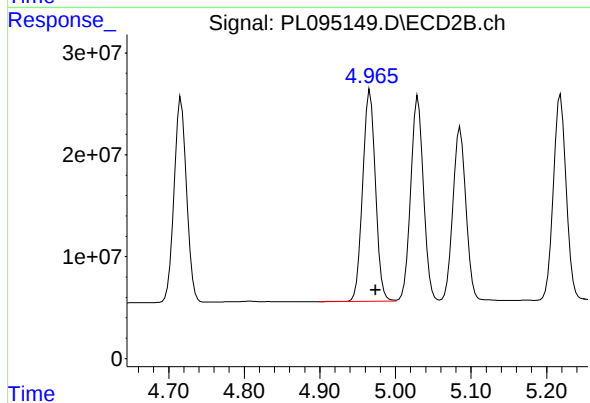
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 205842999
Conc: 46.90 ng/ml



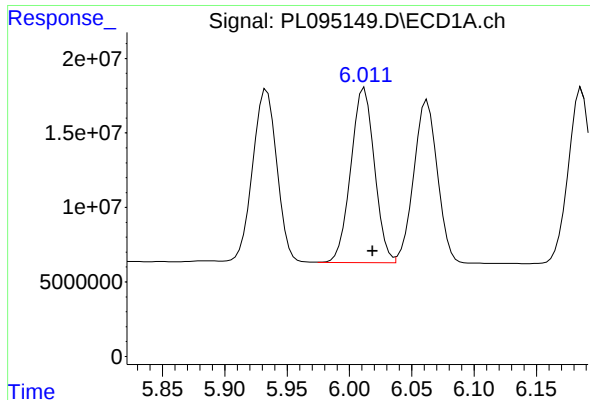
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 157715568
Conc: 46.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.008 min
Response: 243013498
Conc: 50.33 ng/ml



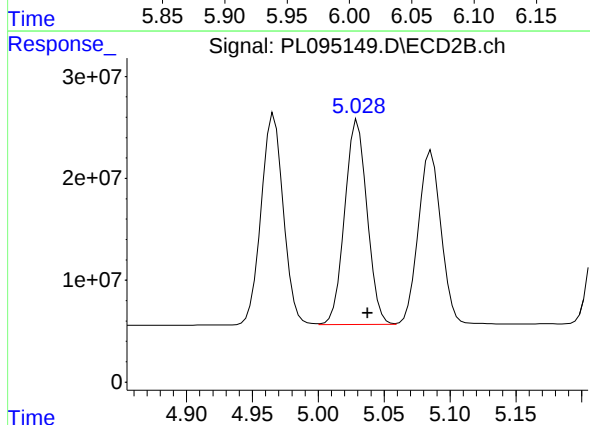
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.006 min
Response: 154591180
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

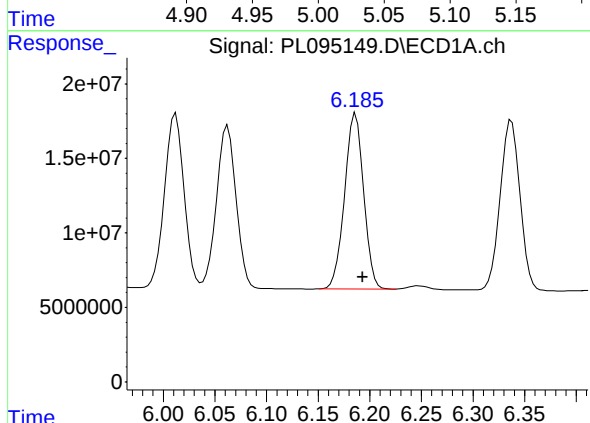
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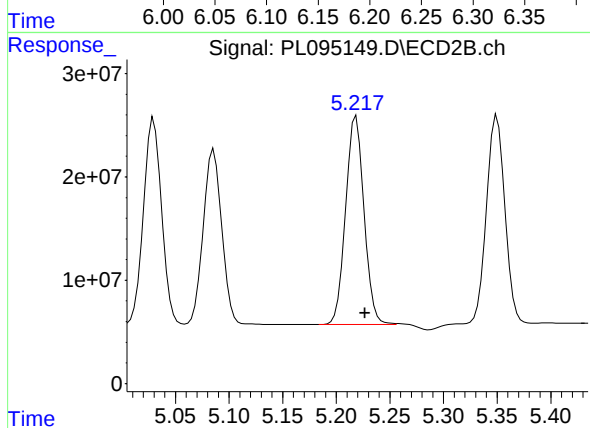
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.008 min
Response: 237084157
Conc: 49.67 ng/ml



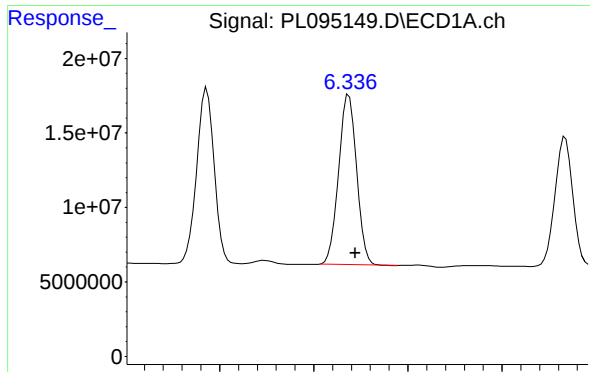
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 151244552
Conc: 51.41 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 241440424
Conc: 51.94 ng/ml m



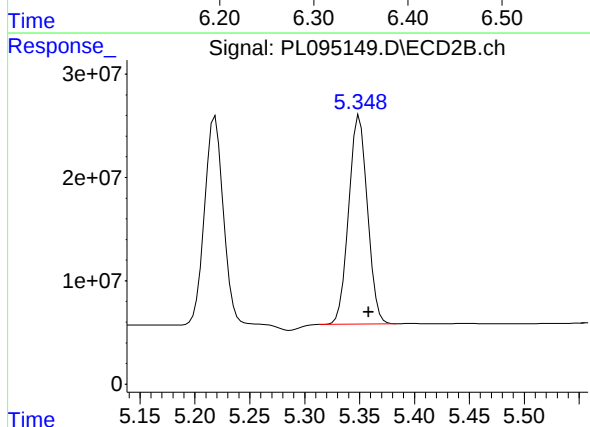
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.007 min
Response: 151752682
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

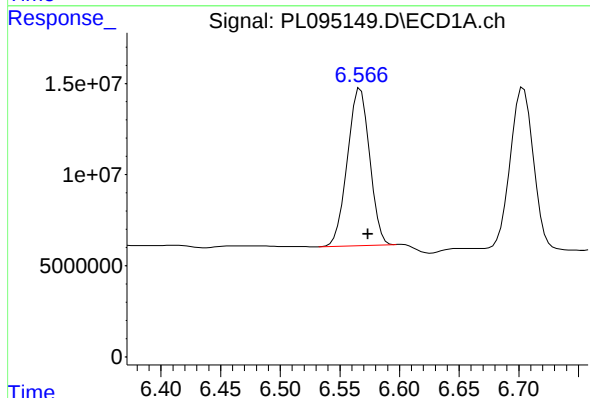
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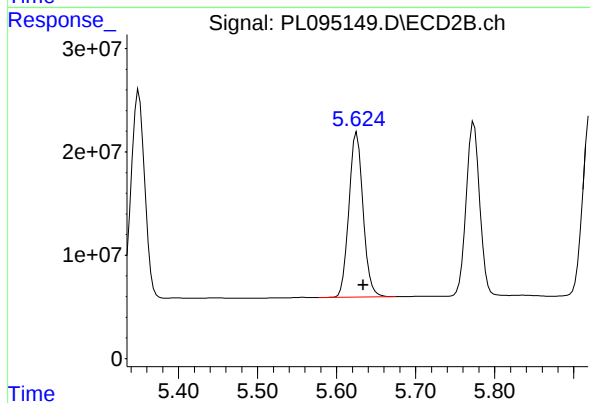
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.010 min
Response: 240487955
Conc: 49.57 ng/ml



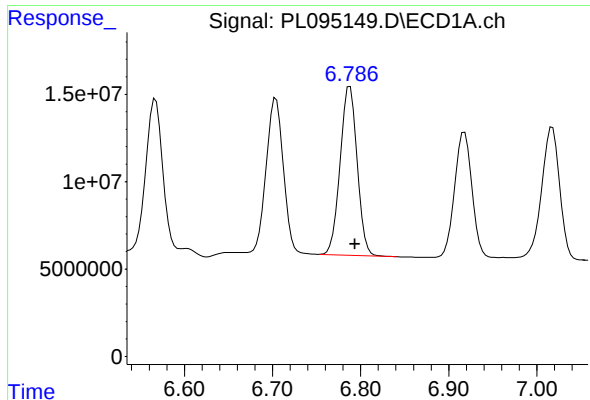
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 112106905
Conc: 40.44 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 198625837
Conc: 45.52 ng/ml



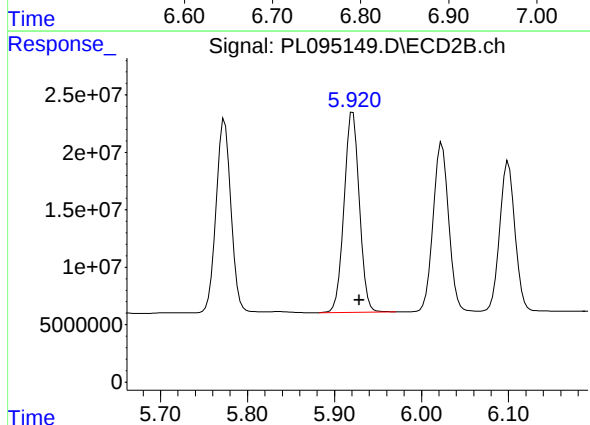
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 130098447
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

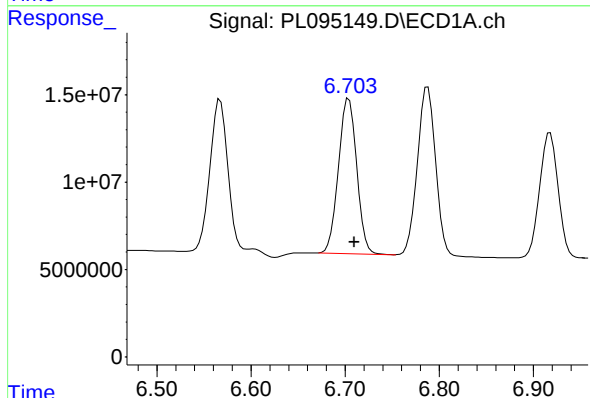
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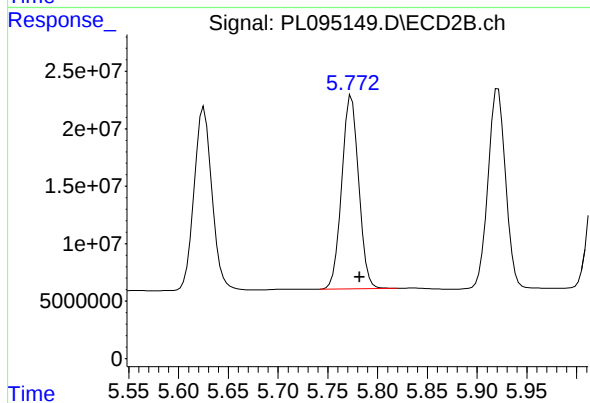
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.009 min
Response: 214017556
Conc: 49.45 ng/ml m



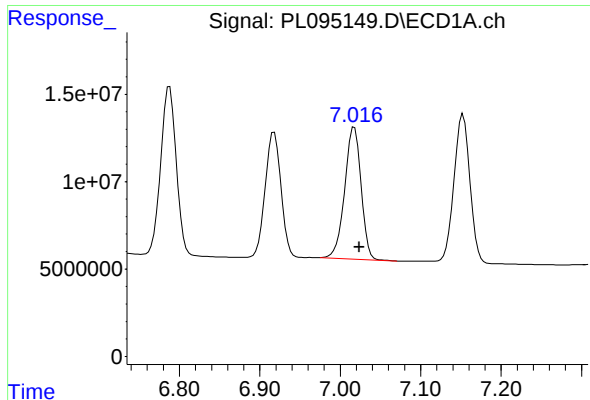
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 120464788
Conc: 55.61 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 200231798
Conc: 55.68 ng/ml



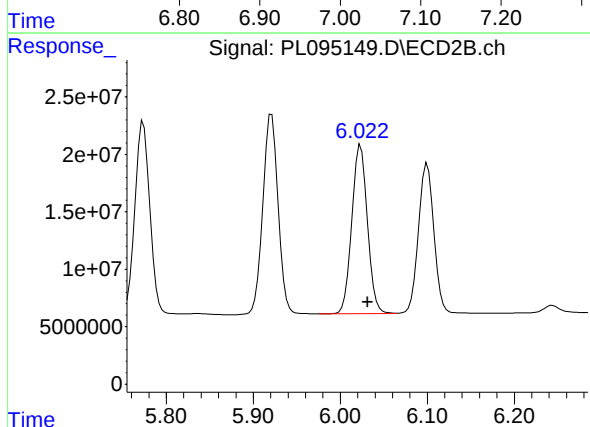
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 106822780
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

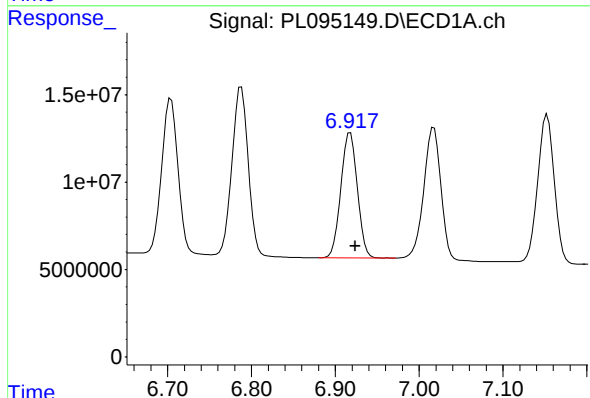
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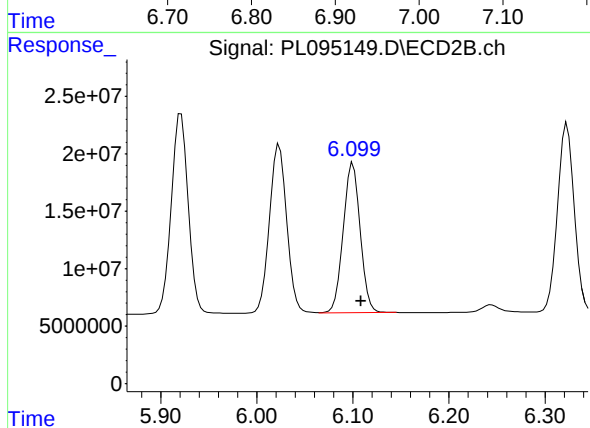
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 183811957
Conc: 45.59 ng/ml



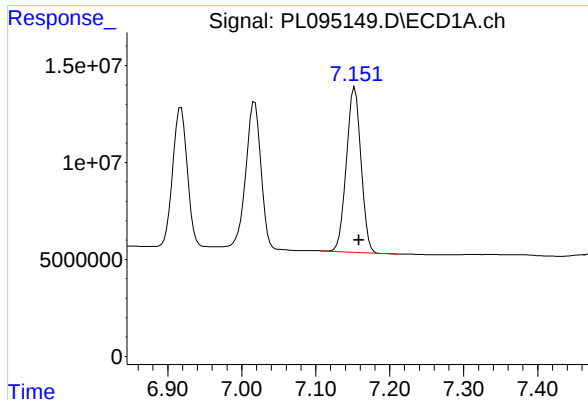
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 97816045
Conc: 46.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 158778572
Conc: 47.18 ng/ml



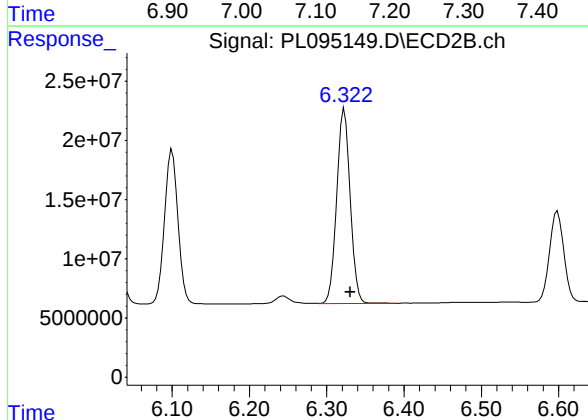
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 116605645
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

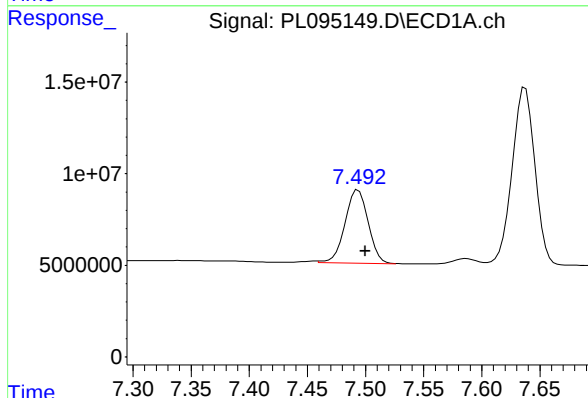
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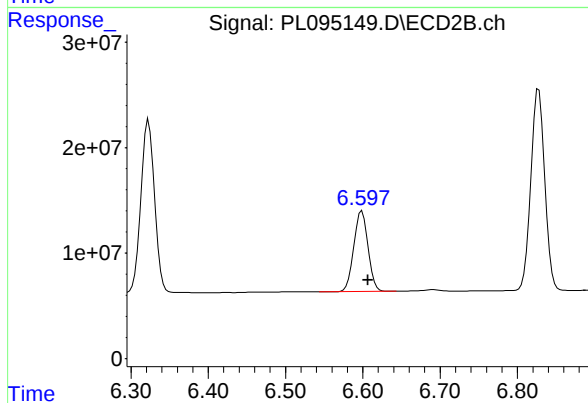
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 200061748
Conc: 49.11 ng/ml



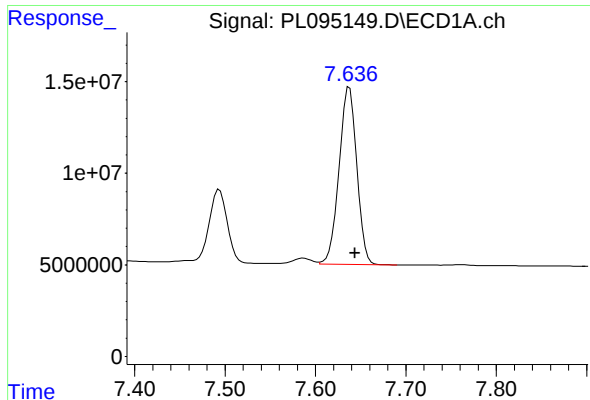
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.007 min
Response: 55464369
Conc: 46.33 ng/ml m



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 97110486
Conc: 45.78 ng/ml



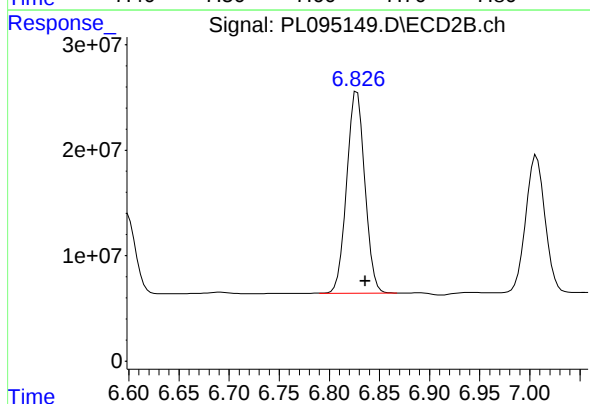
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 131861160
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

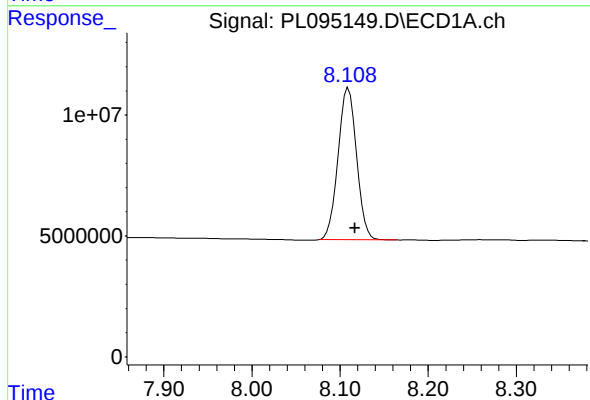
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



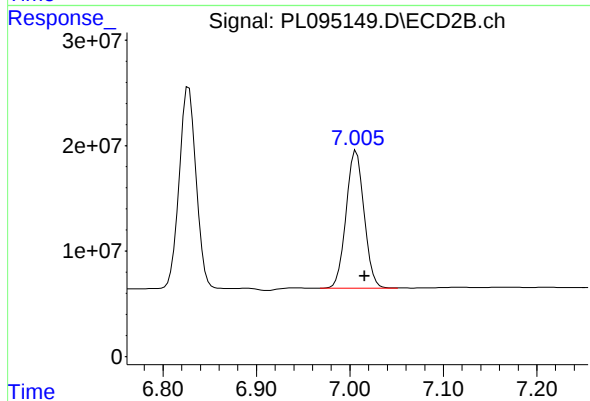
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 240829712
Conc: 50.46 ng/ml m



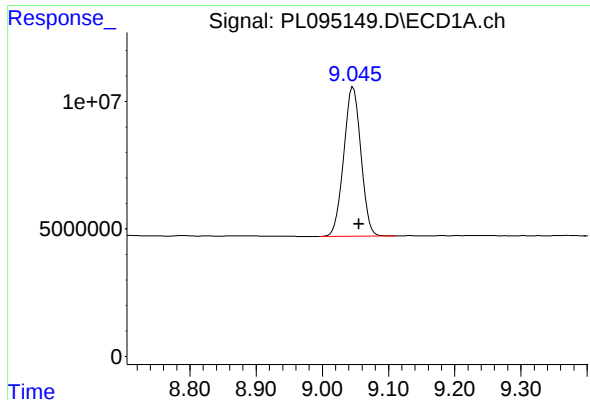
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 91859797
Conc: 44.46 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 174548944
Conc: 45.99 ng/ml m



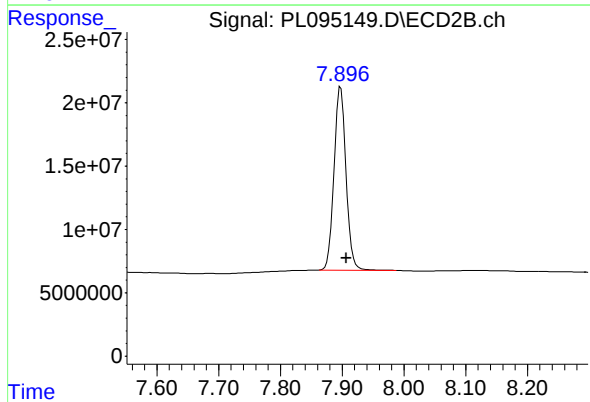
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 105503284
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 194454041
Conc: 48.14 ng/ml