

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
 Data File : PL095180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 19:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2025
 Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:37:21 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...	3.533	2.766	133.1E6	188.9E6	47.019	52.935
28)	SA Decachlor...	9.045	7.896	101.9E6	187.3E6	48.329	46.362
Target Compounds							
2)	A alpha-BHC	3.989	3.268	193.9E6	288.1E6	46.697	53.428
3)	MA gamma-BHC...	4.321	3.597	185.1E6	270.1E6	46.393	52.560
4)	MA Heptachlor	4.909	3.934	172.2E6	268.0E6	44.373	50.866
5)	MB Aldrin	5.250	4.214	162.5E6	248.4E6	44.007	50.949
6)	B beta-BHC	4.521	3.898	83755339	116.6E6	45.390	52.489
7)	B delta-BHC	4.767	4.126	181.0E6	263.2E6	46.473	52.613
8)	B Heptachlo...	5.677	4.716	146.9E6	229.2E6	43.901	50.054
9)	A Endosulfan I	6.063	5.085	140.6E6	200.5E6	45.806	45.677
10)	B gamma-Chl...	5.933	4.966	152.5E6	238.8E6	45.257	49.464
11)	B alpha-Chl...	6.012	5.029	150.4E6	233.4E6	45.630	48.895
12)	B 4,4'-DDE	6.186	5.217	147.4E6	232.1E6	50.092	49.934m
13)	MA Dieldrin	6.337	5.348	148.2E6	233.0E6	46.325	48.019m
14)	MA Endrin	6.566	5.624	124.6E6	210.4E6	44.952m	48.224m
15)	B Endosulfa...	6.788	5.919	127.7E6	208.3E6	47.032	48.127m
16)	A 4,4'-DDD	6.704	5.773	115.3E6	186.3E6	53.216	51.810
17)	MA 4,4'-DDT	7.017	6.023	118.6E6	202.6E6	49.864	50.256
18)	B Endrin al...	6.918	6.099	97319455	155.8E6	46.101	46.282
19)	B Endosulfa...	7.153	6.322	113.2E6	192.6E6	46.545	47.292
20)	A Methoxychlor	7.494	6.598	59517074	108.6E6	49.719	51.214
21)	B Endrin ke...	7.638	6.825	123.8E6	238.8E6	46.844	50.041m
22)	Mirex	8.109	7.006	89139269	172.8E6	43.140	45.533

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
Data File : PL095180.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 19:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

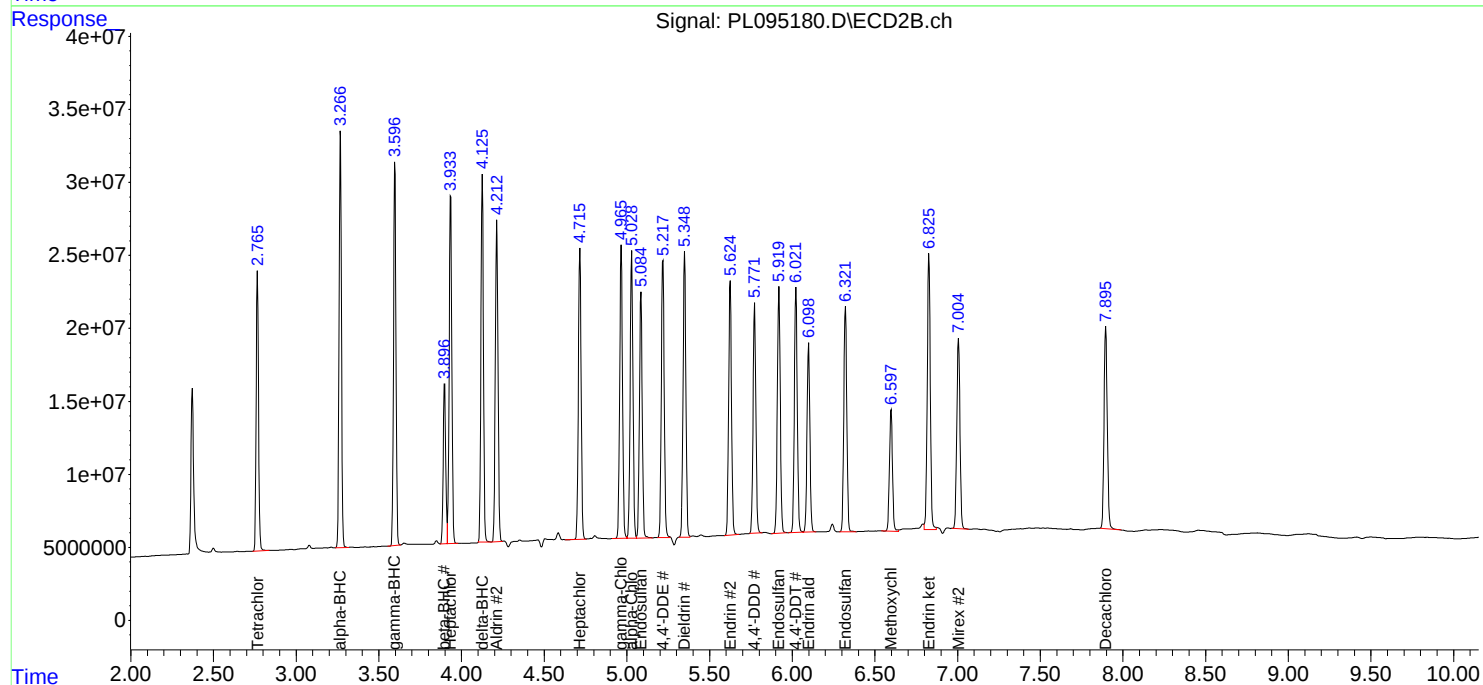
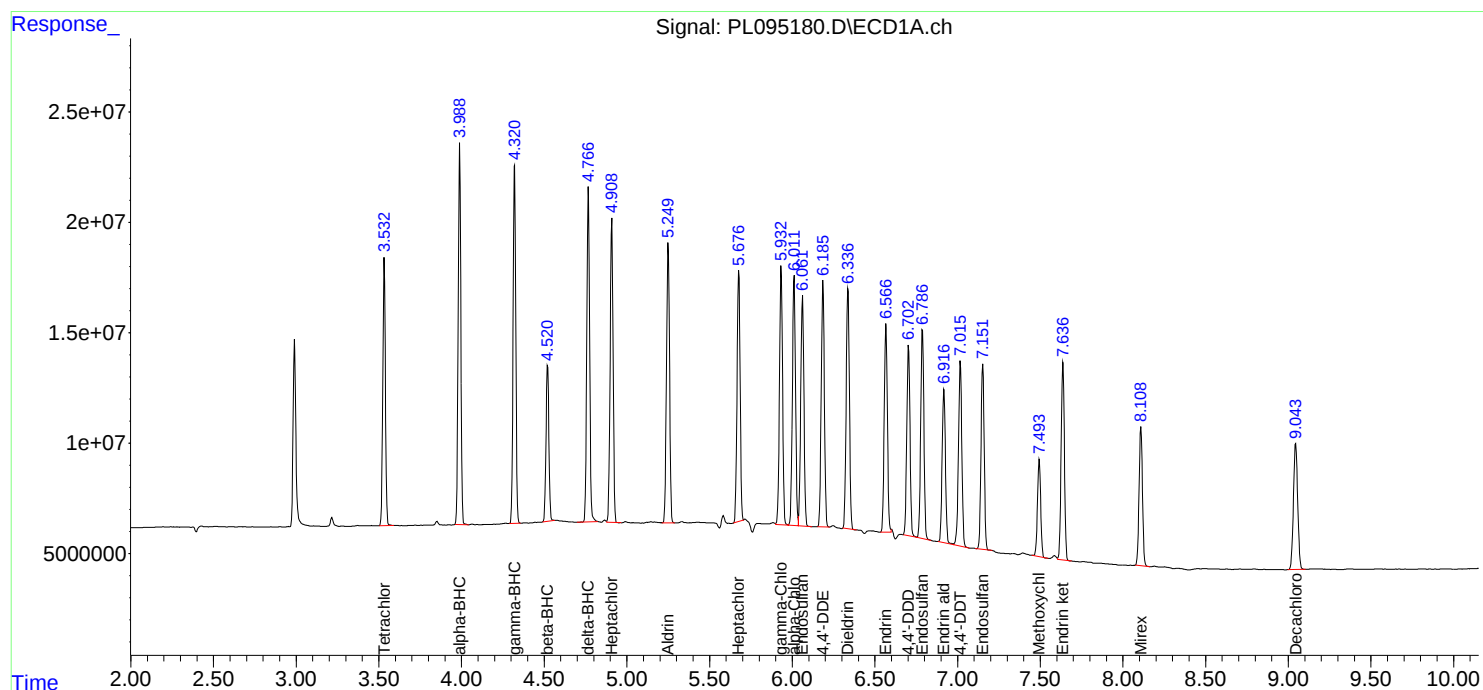
APPROVED

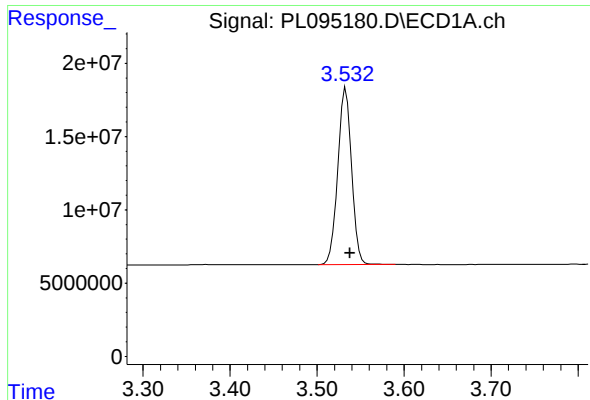
Reviewed By :Abdul Mirza 04/11/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 20:37:21 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





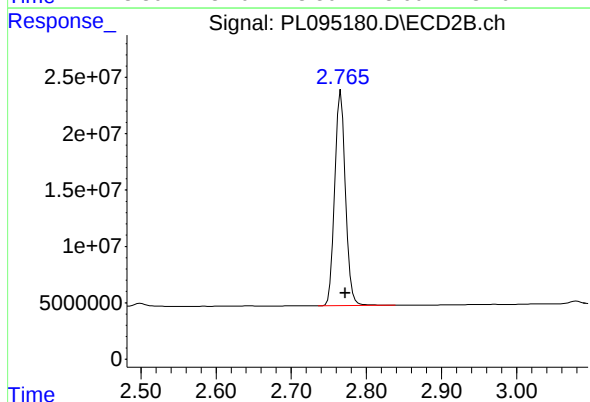
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 133095136
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

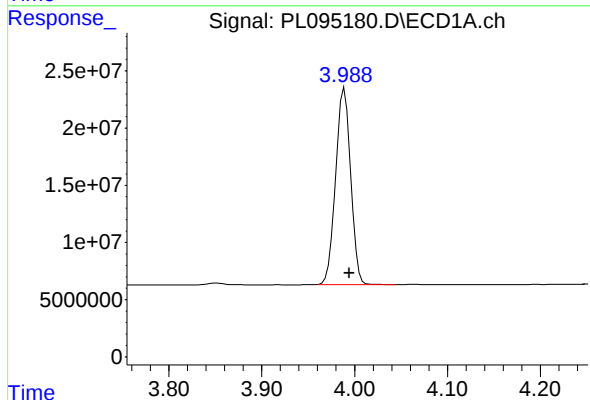
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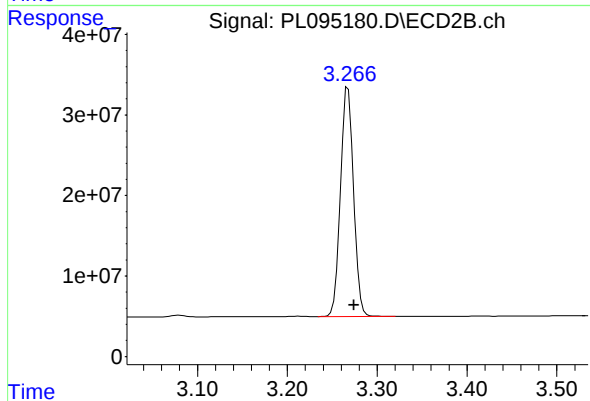
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.006 min
Response: 188937801
Conc: 52.93 ng/ml



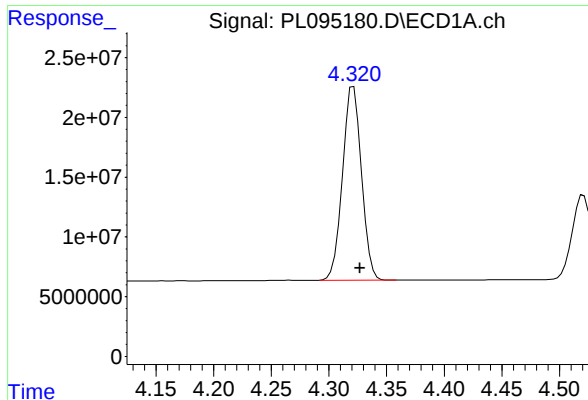
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 193903357
Conc: 46.70 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.007 min
Response: 288050110
Conc: 53.43 ng/ml



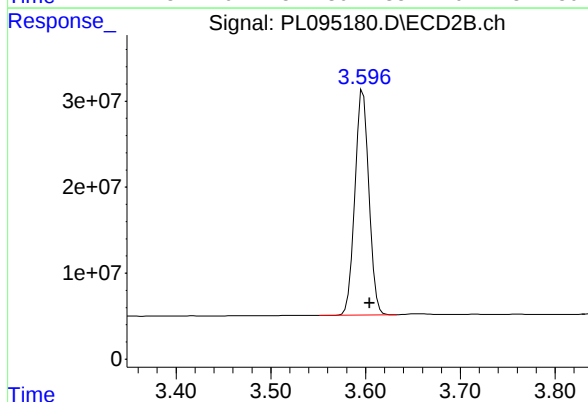
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.006 min
Response: 185121660
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

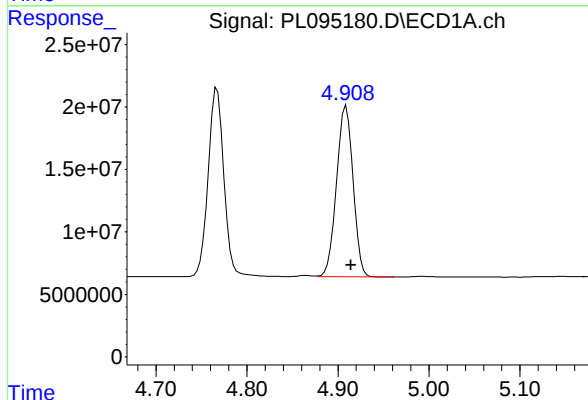
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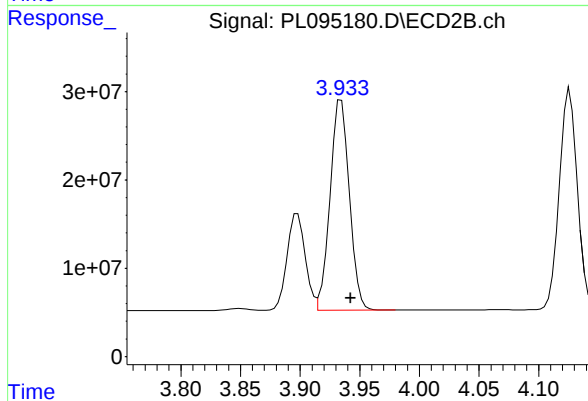
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.007 min
Response: 270127475
Conc: 52.56 ng/ml



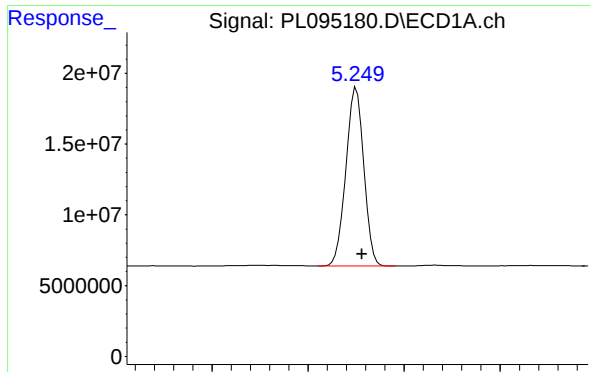
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 172239743
Conc: 44.37 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: -0.008 min
Response: 267992407
Conc: 50.87 ng/ml



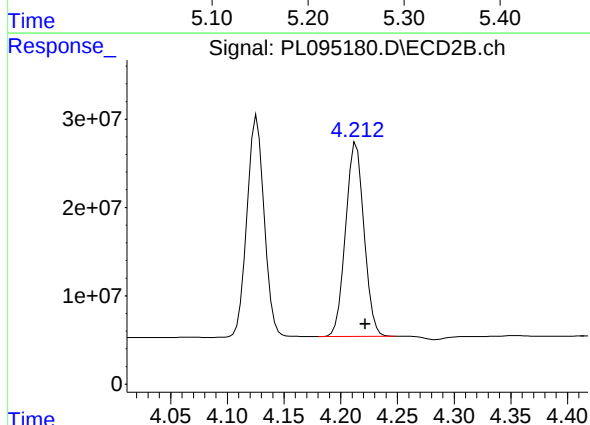
#5 Aldrin

R.T.: 5.250 min
Delta R.T.: -0.006 min
Response: 162485215
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

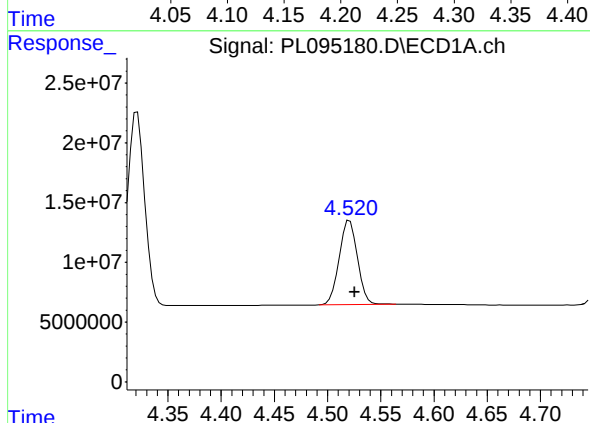
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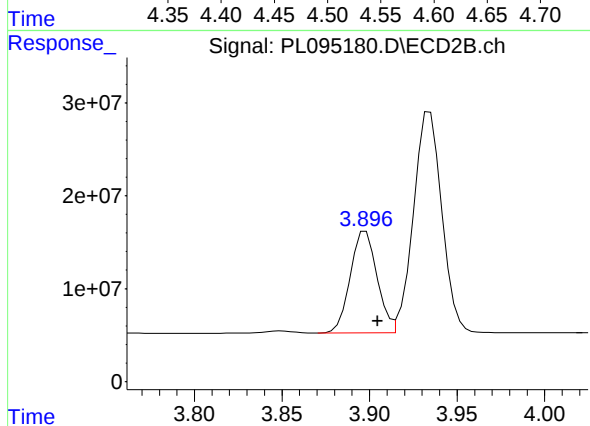
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.008 min
Response: 248443532
Conc: 50.95 ng/ml



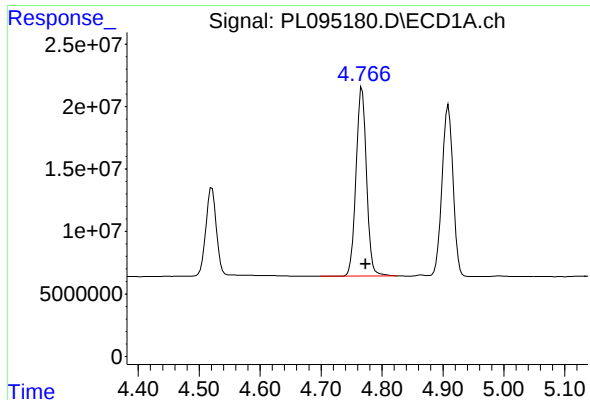
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 83755339
Conc: 45.39 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: -0.007 min
Response: 116592907
Conc: 52.49 ng/ml



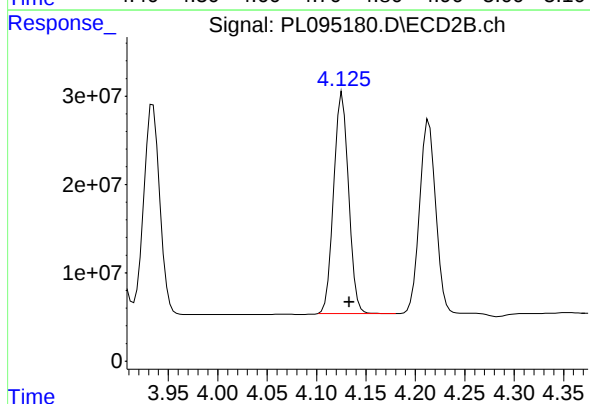
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.005 min
Response: 180979832
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

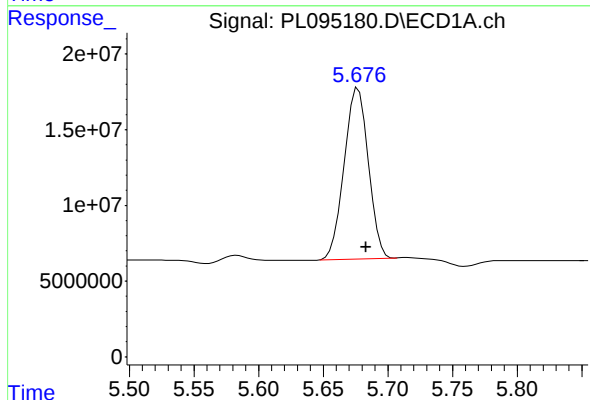
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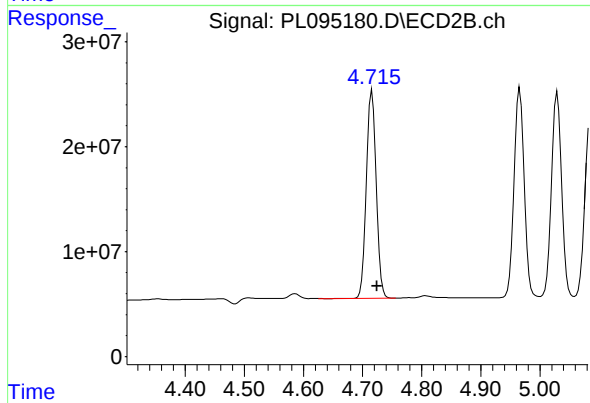
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: -0.007 min
Response: 263169818
Conc: 52.61 ng/ml



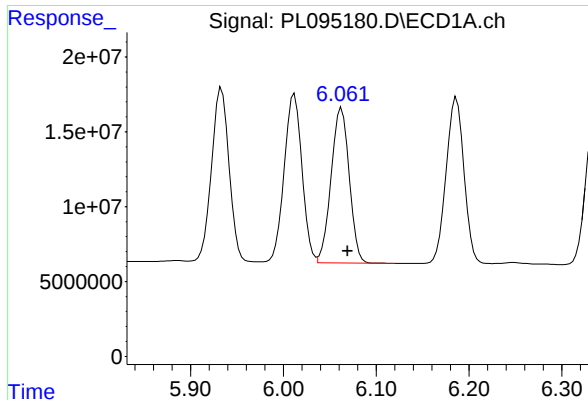
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 146857695
Conc: 43.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.009 min
Response: 229177327
Conc: 50.05 ng/ml



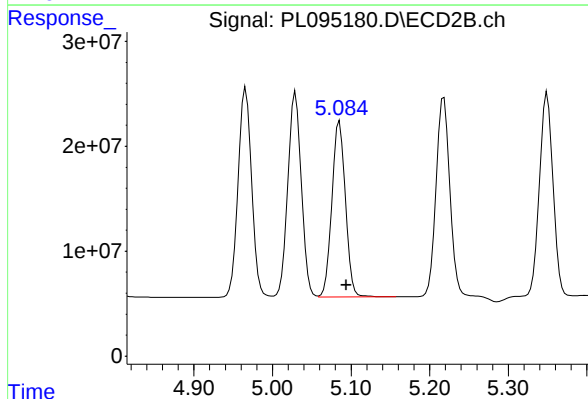
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 140634018
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

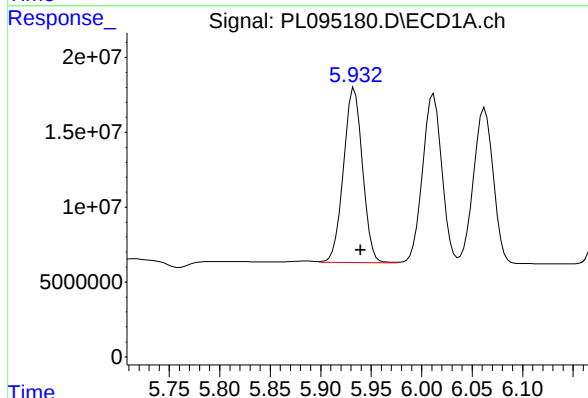
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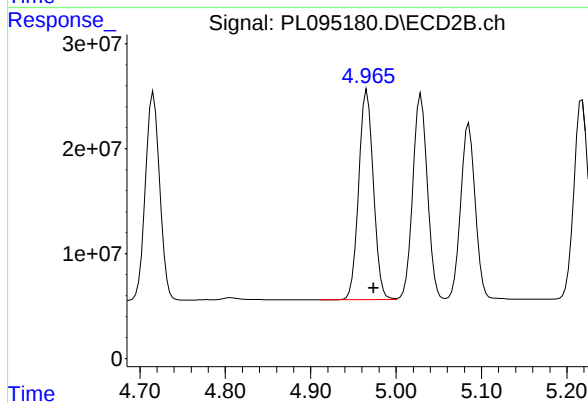
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 200462429
Conc: 45.68 ng/ml



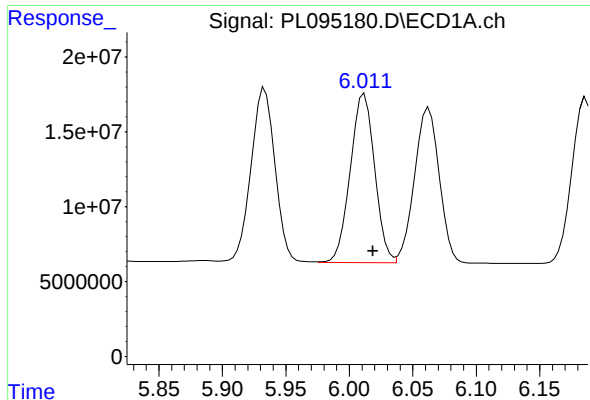
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.006 min
Response: 152486401
Conc: 45.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.008 min
Response: 238832160
Conc: 49.46 ng/ml



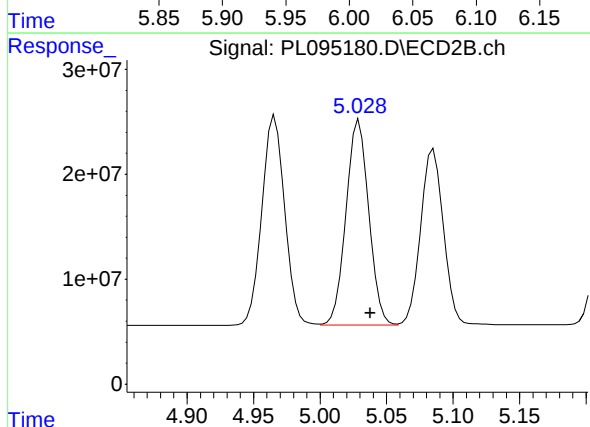
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.007 min
Response: 150434147
Conc: 45.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

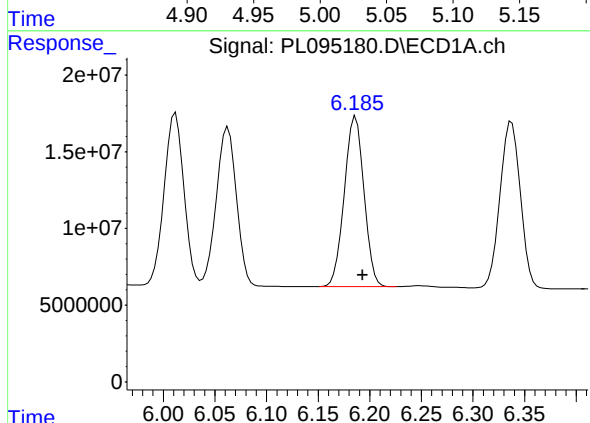
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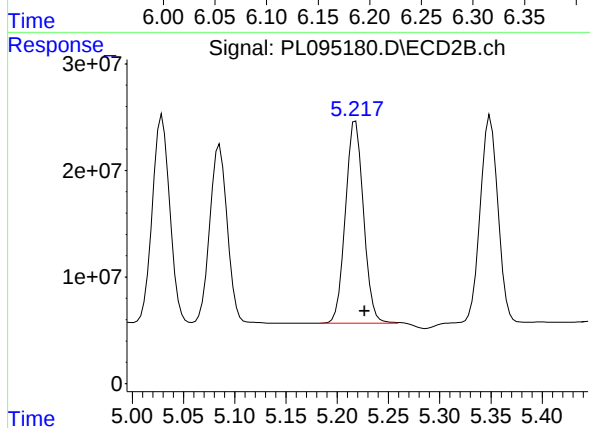
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.008 min
Response: 233363252
Conc: 48.89 ng/ml



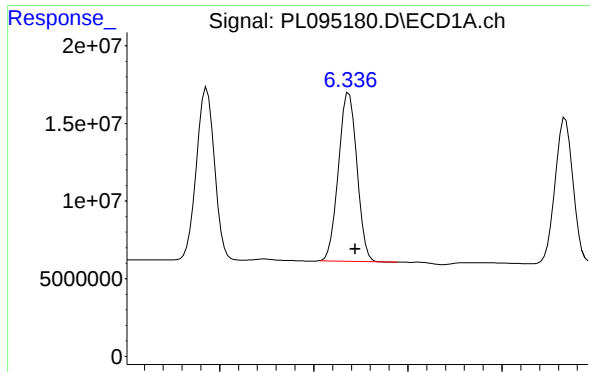
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 147374112
Conc: 50.09 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.010 min
Response: 232119246
Conc: 49.93 ng/ml m



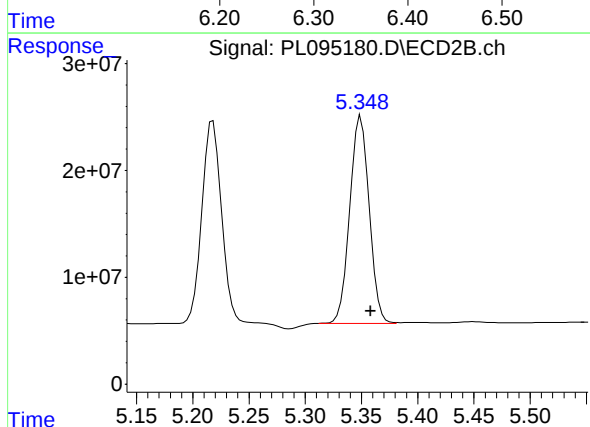
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.006 min
Response: 148155248
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

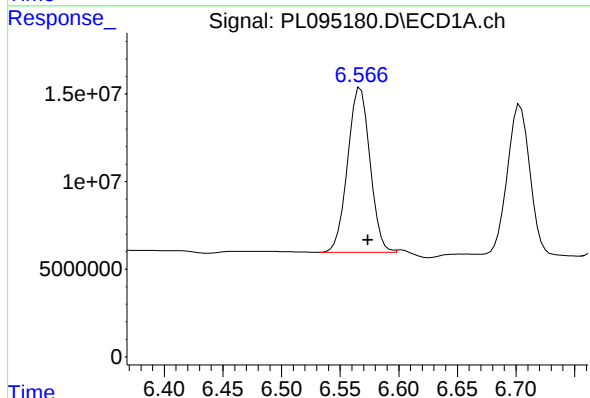
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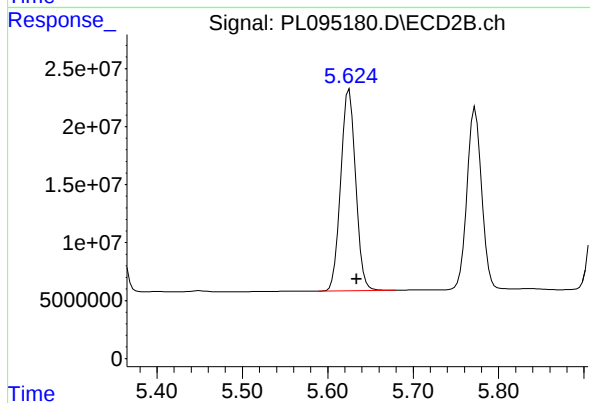
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.010 min
Response: 232977256
Conc: 48.02 ng/ml



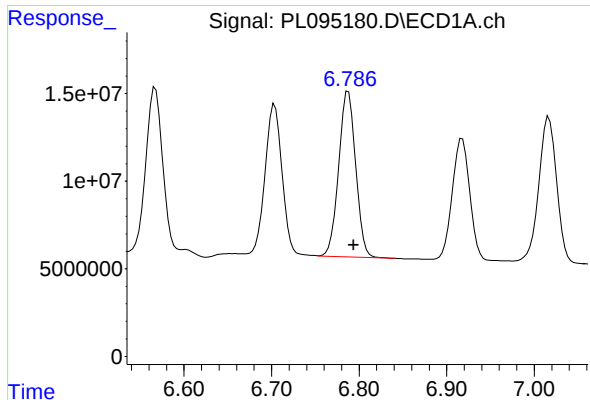
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.008 min
Response: 124609946
Conc: 44.95 ng/ml



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.010 min
Response: 210432025
Conc: 48.22 ng/ml



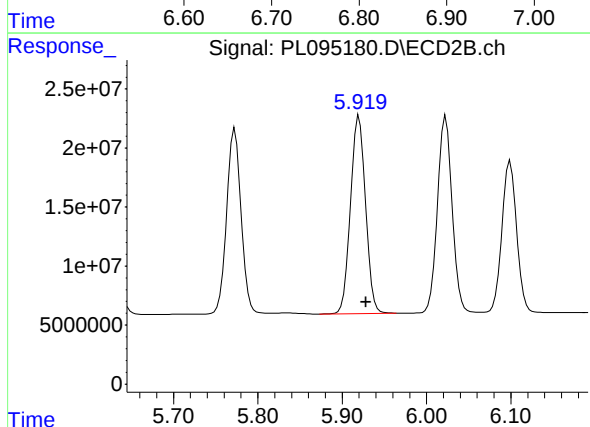
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 127680579
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

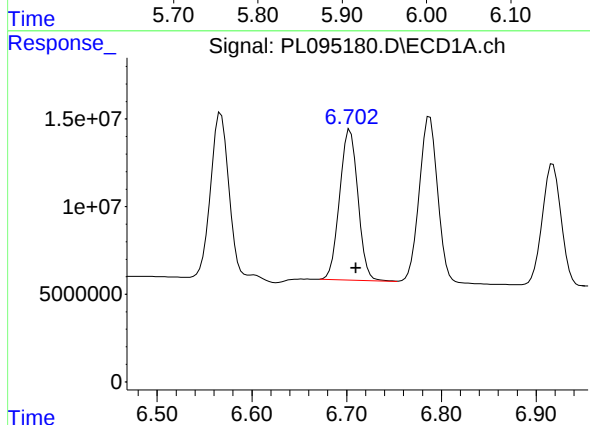
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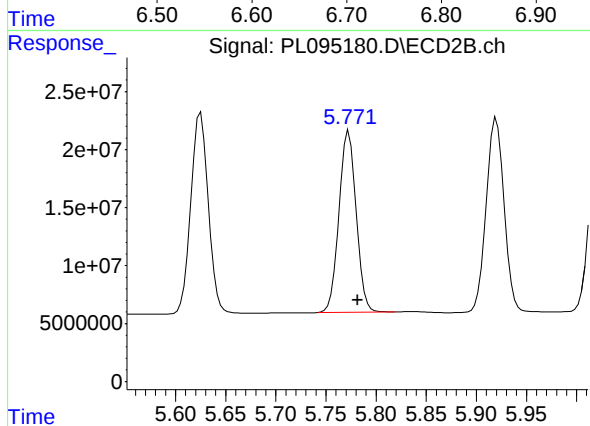
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.010 min
Response: 208306397
Conc: 48.13 ng/ml m



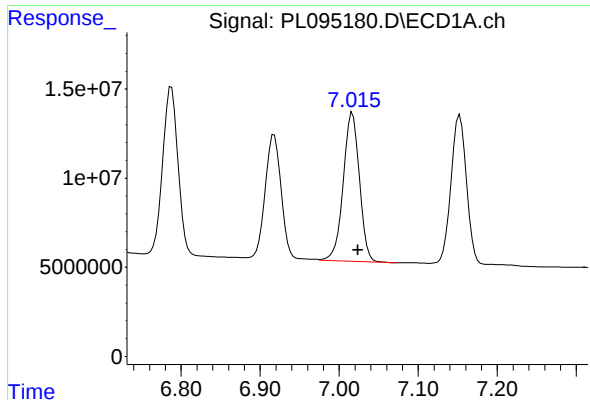
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 115270169
Conc: 53.22 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 186301513
Conc: 51.81 ng/ml



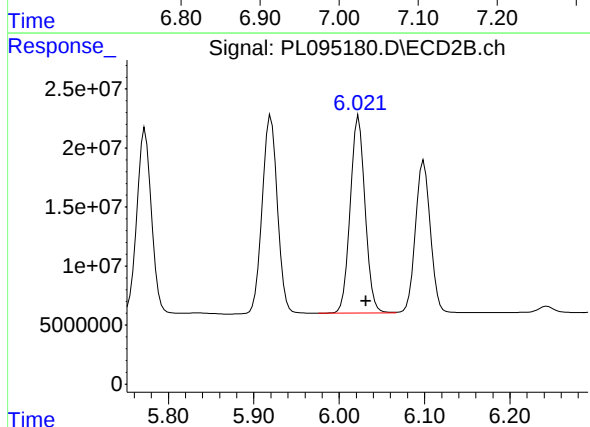
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 118604229
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

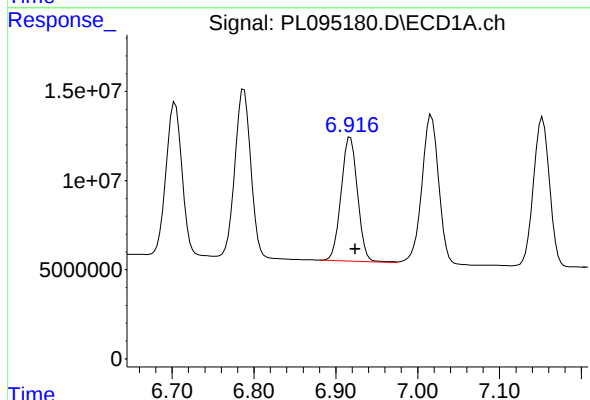
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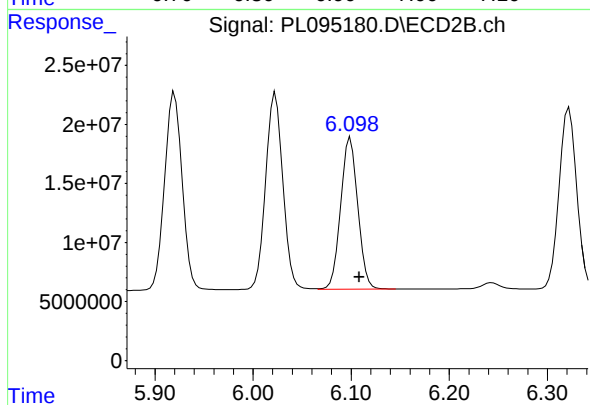
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 202637370
Conc: 50.26 ng/ml



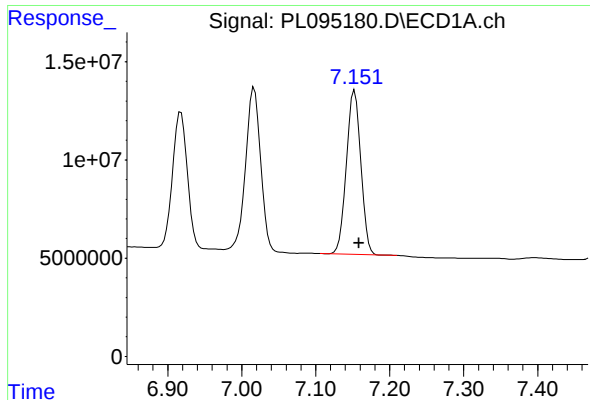
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 97319455
Conc: 46.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: -0.009 min
Response: 155754829
Conc: 46.28 ng/ml



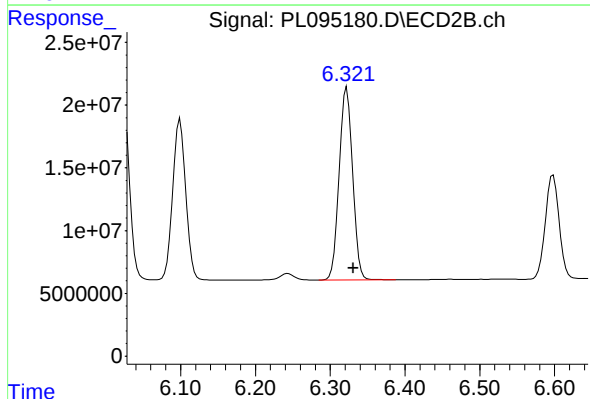
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 113197868
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

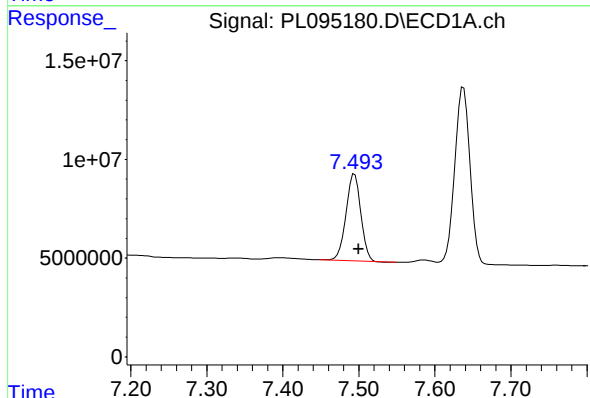
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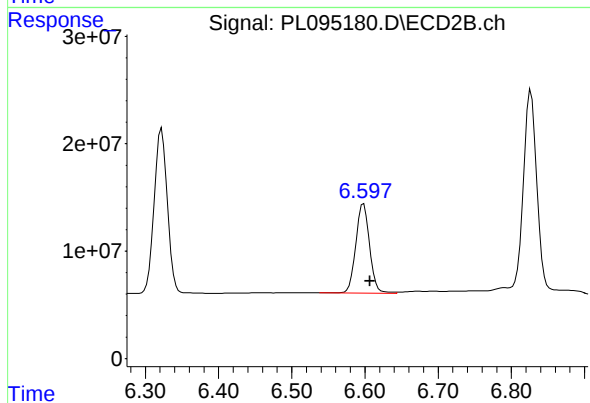
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.008 min
Response: 192639314
Conc: 47.29 ng/ml



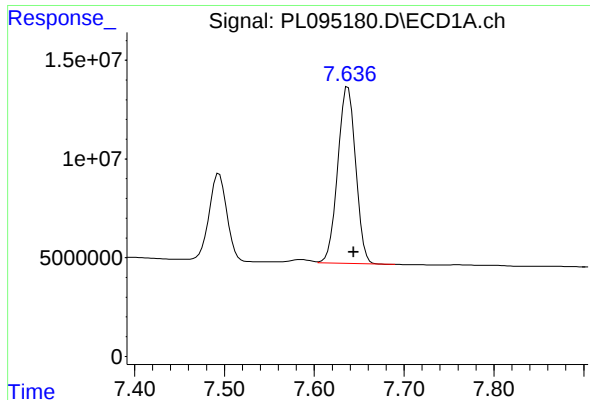
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 59517074
Conc: 49.72 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 108629387
Conc: 51.21 ng/ml



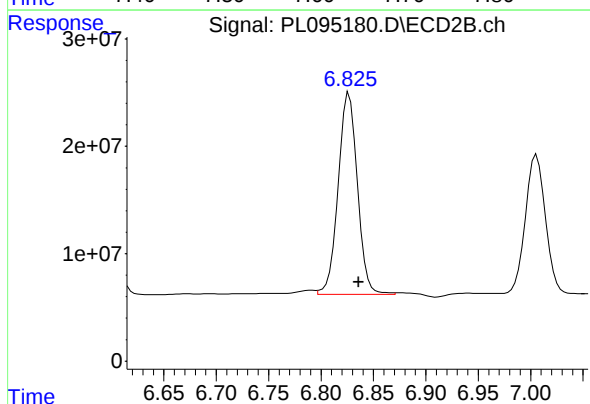
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 123822521
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

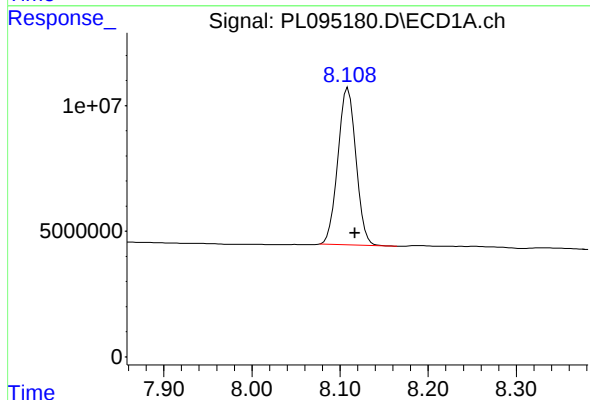
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



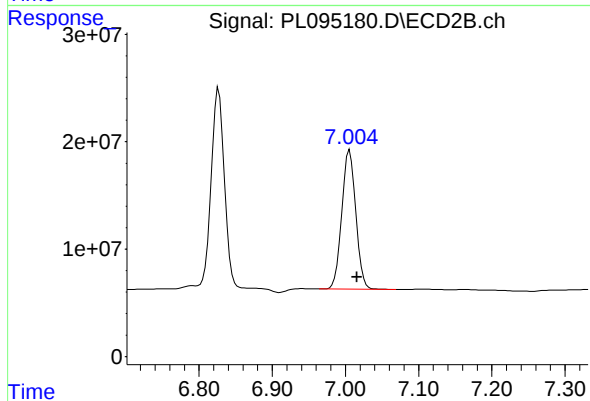
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.011 min
Response: 238822779
Conc: 50.04 ng/ml m



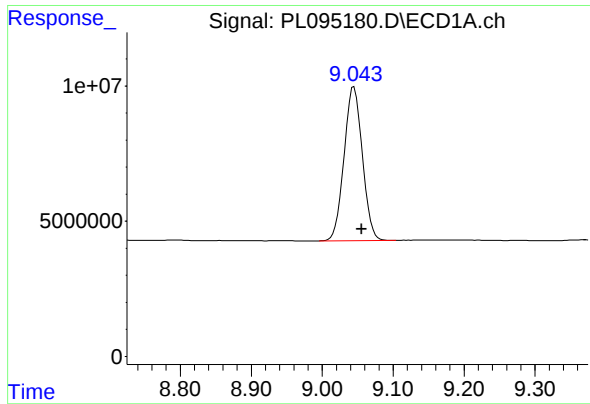
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 89139269
Conc: 43.14 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.010 min
Response: 172812712
Conc: 45.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.045 min
Delta R.T.: -0.011 min
Response: 101850698
Conc: 48.33 ng/ml

Instrument :

ECD_L

ClientSampleId :

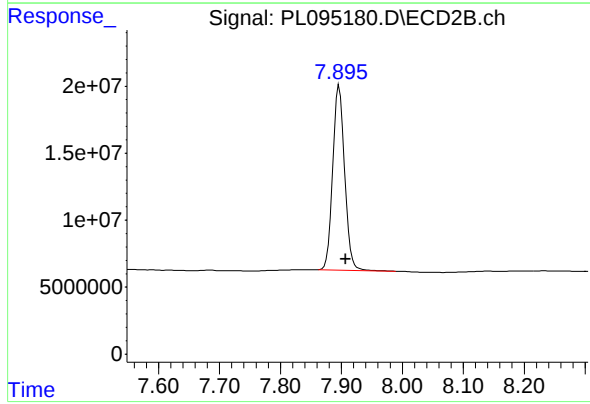
PSTDCCC050

Manual Integrations

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Supervised By :mohammad ahmed 04/14/2025



#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: -0.010 min
Response: 187271817
Conc: 46.36 ng/ml