

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
 Data File : PL095187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 09:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/14/2025
 Supervised By : mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:10:12 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	139.2E6	196.0E6	49.162	54.903
28)	SA Decachlor...	9.047	7.897	108.0E6	203.6E6	51.238	50.402
Target Compounds							
2)	A alpha-BHC	3.990	3.268	203.6E6	299.6E6	49.027	55.568
3)	MA gamma-BHC...	4.323	3.597	193.9E6	281.8E6	48.591	54.839m
4)	MA Heptachlor	4.910	3.935	182.5E6	276.0E6	47.005	52.390
5)	MB Aldrin	5.252	4.214	174.8E6	258.2E6	47.335	52.945
6)	B beta-BHC	4.522	3.899	87069745	120.5E6	47.187	54.252
7)	B delta-BHC	4.768	4.127	190.2E6	271.7E6	48.847	54.309
8)	B Heptachlo...	5.678	4.715	160.8E6	239.0E6	48.076	52.208m
9)	A Endosulfan I	6.064	5.085	149.6E6	205.0E6	48.720	46.709m
10)	B gamma-Chl...	5.934	4.965	162.5E6	253.1E6	48.242	52.425m
11)	B alpha-Chl...	6.013	5.030	160.5E6	257.7E6	48.676	53.984
12)	B 4,4'-DDE	6.187	5.217	156.3E6	250.6E6	53.124	53.904m
13)	MA Dieldrin	6.338	5.349	158.2E6	252.9E6	49.479	52.129m
14)	MA Endrin	6.567	5.624	127.5E6	224.6E6	45.977m	51.460m
15)	B Endosulfa...	6.789	5.919	135.8E6	226.8E6	50.006	52.399m
16)	A 4,4'-DDD	6.704	5.773	122.6E6	202.9E6	56.604	56.423
17)	MA 4,4'-DDT	7.019	6.024	125.6E6	215.5E6	52.801	53.446
18)	B Endrin al...	6.917	6.100	103.9E6	168.4E6	49.213m	50.025
19)	B Endosulfa...	7.153	6.322	119.1E6	209.7E6	48.981	51.471
20)	A Methoxychlor	7.494	6.598	61522596	117.7E6	51.394	55.478
21)	B Endrin ke...	7.638	6.826	133.2E6	257.4E6	50.384	53.939m
22)	Mirex	8.111	7.005	95822325	188.7E6	46.374	49.723m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
Data File : PL095187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 09:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

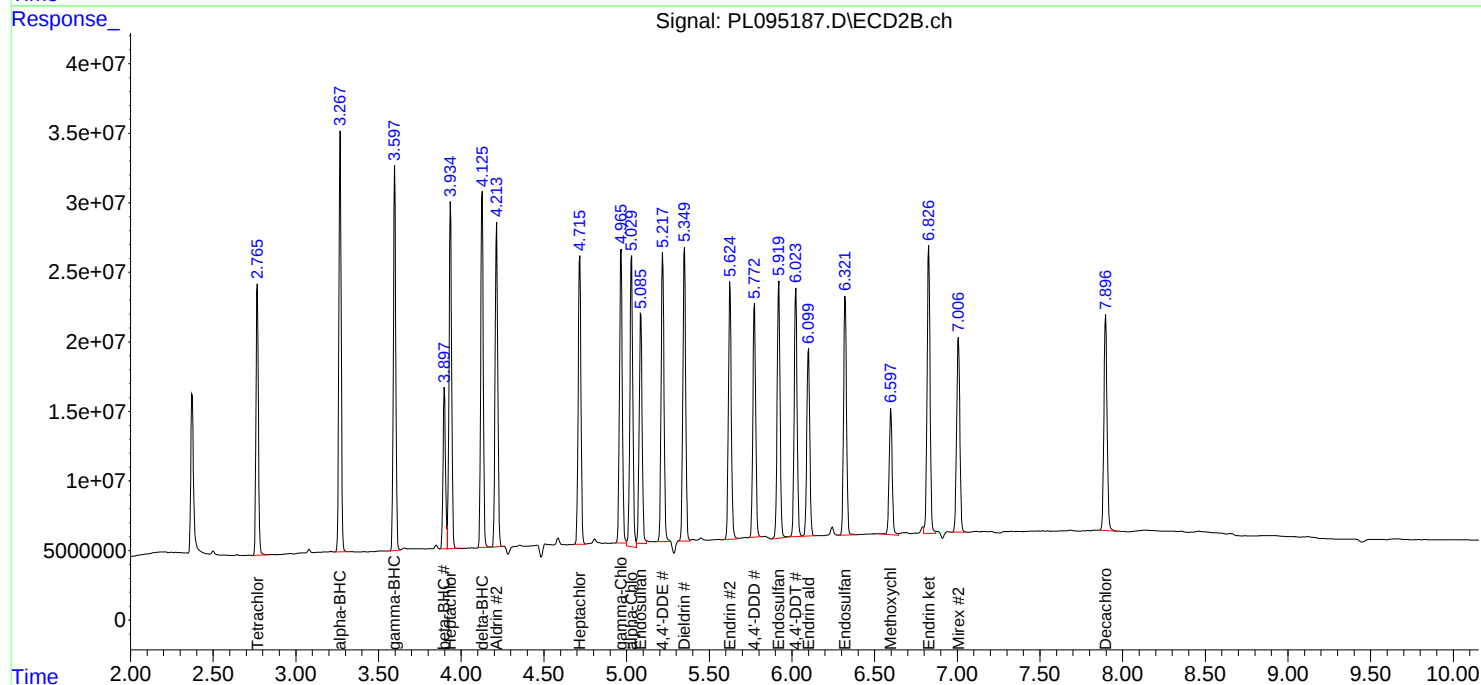
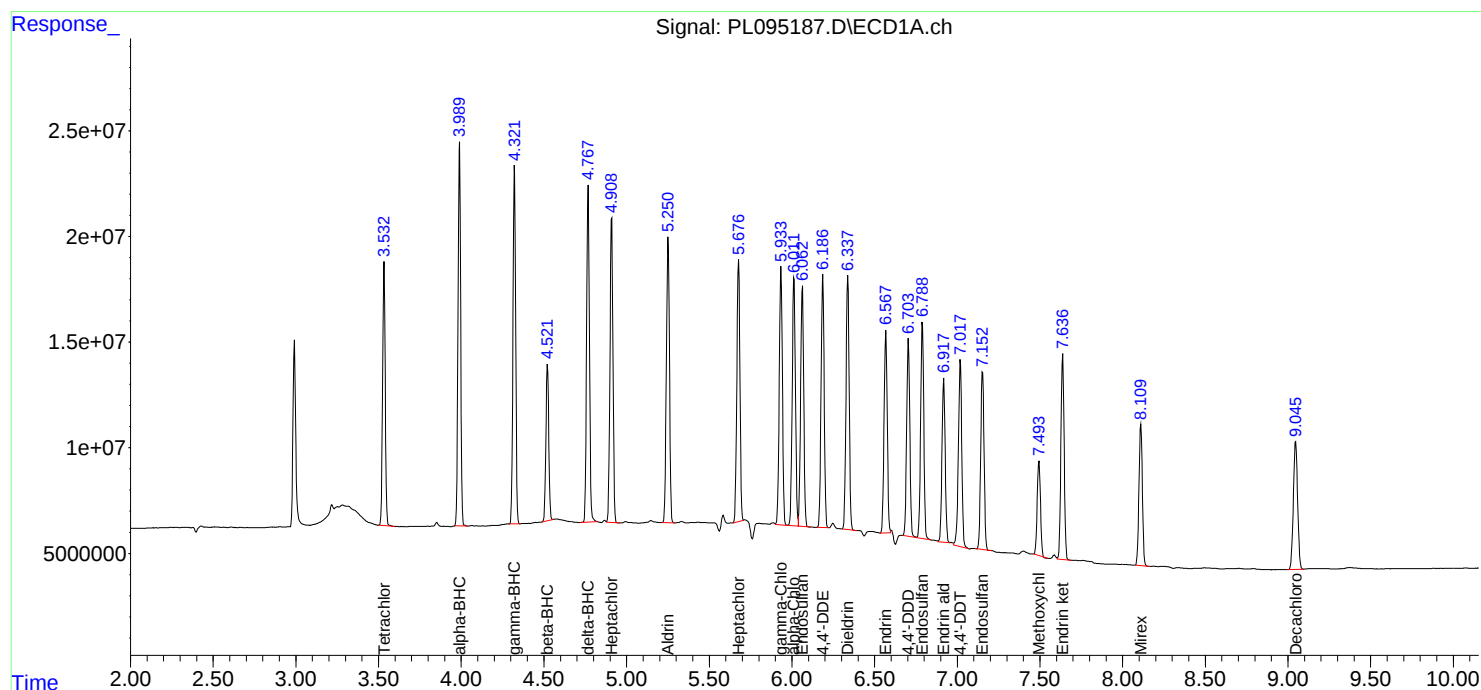
APPROVED

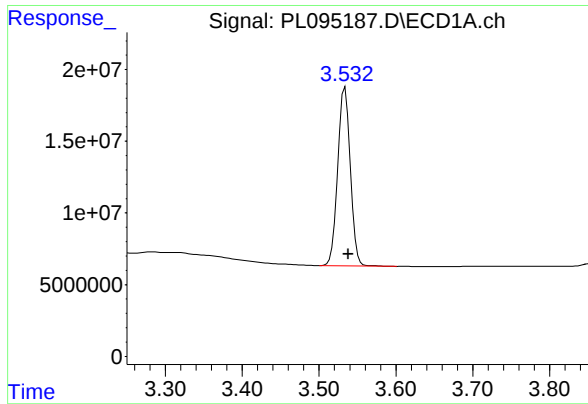
Reviewed By :Abdul Mirza 04/14/2025

Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:10:12 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





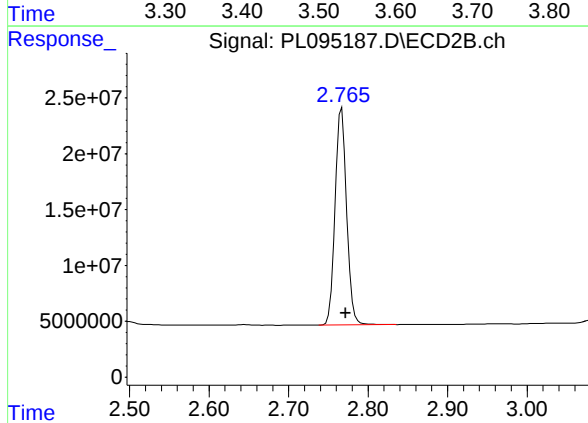
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 139160598
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

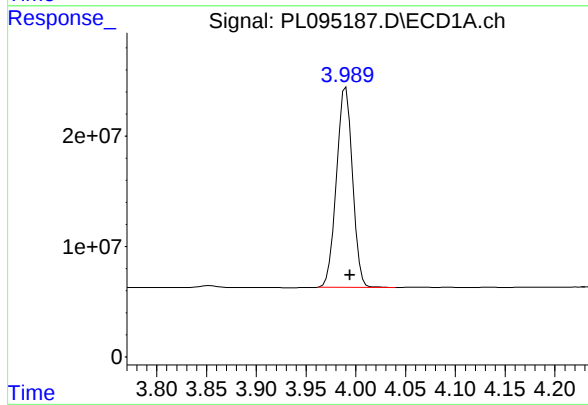
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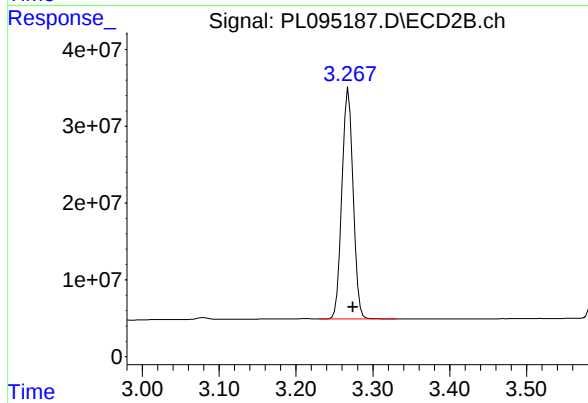
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 195965402
Conc: 54.90 ng/ml



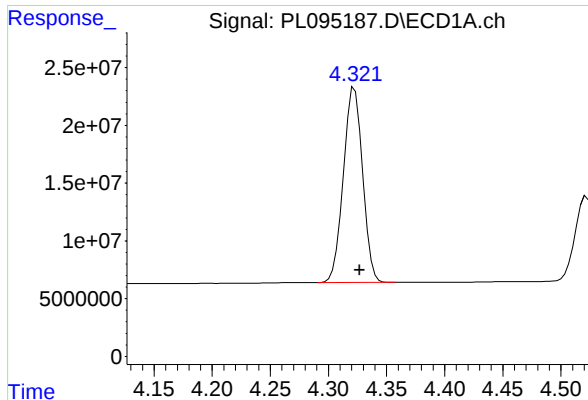
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 203578435
Conc: 49.03 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 299588116
Conc: 55.57 ng/ml



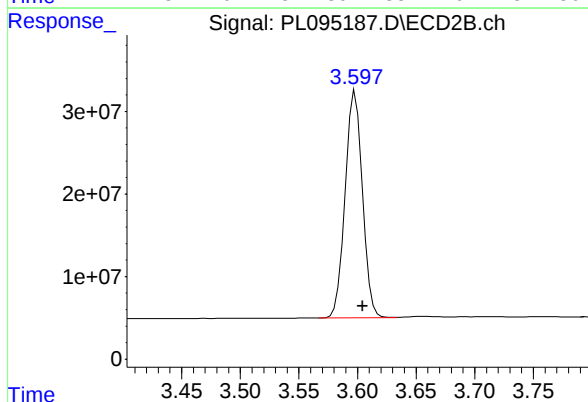
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 193890136
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

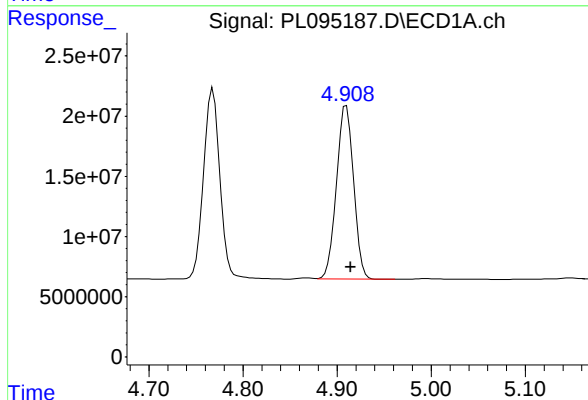
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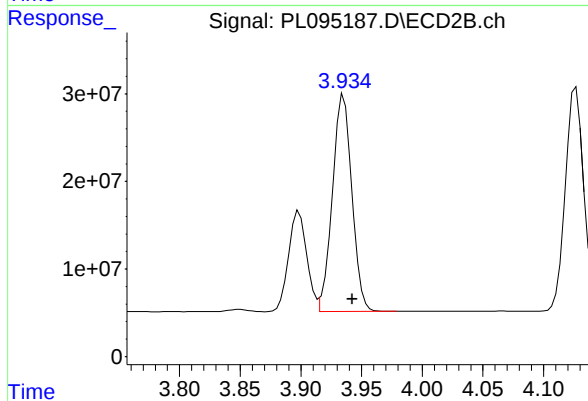
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: -0.008 min
Response: 281844504
Conc: 54.84 ng/ml



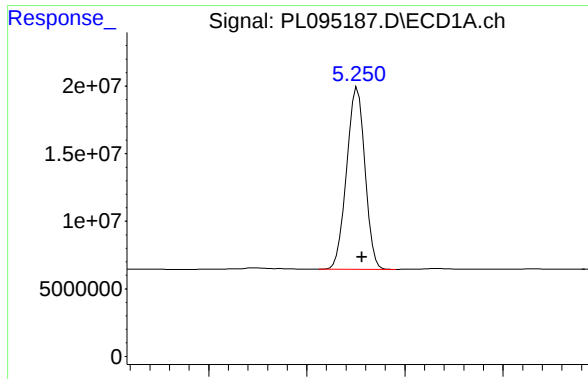
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 182455741
Conc: 47.00 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 276023280
Conc: 52.39 ng/ml



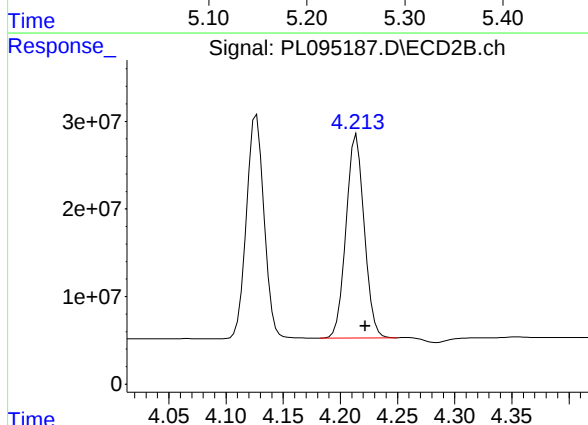
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 174772589
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

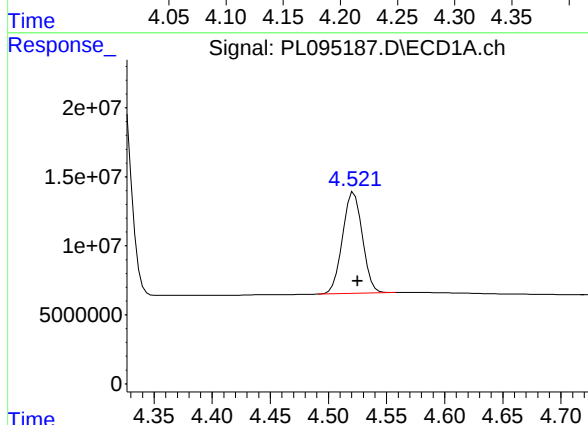
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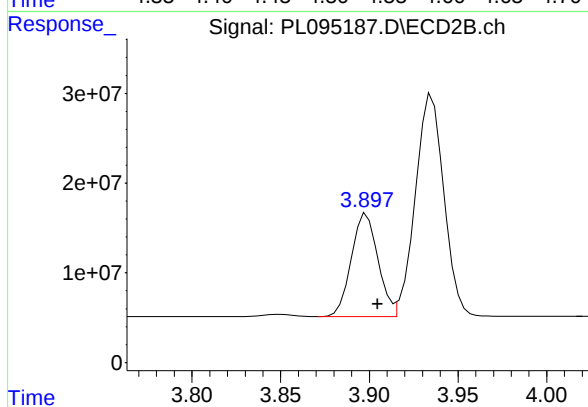
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 258180518
Conc: 52.95 ng/ml



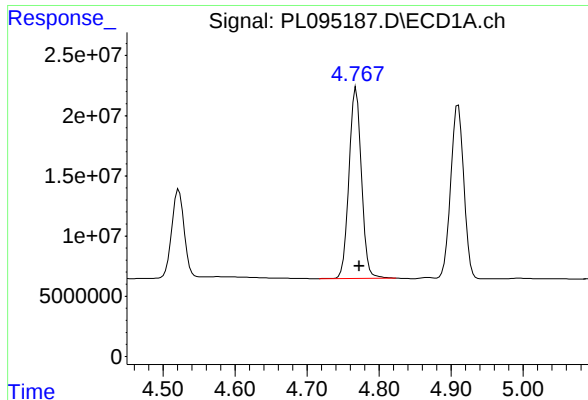
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 87069745
Conc: 47.19 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 120510704
Conc: 54.25 ng/ml



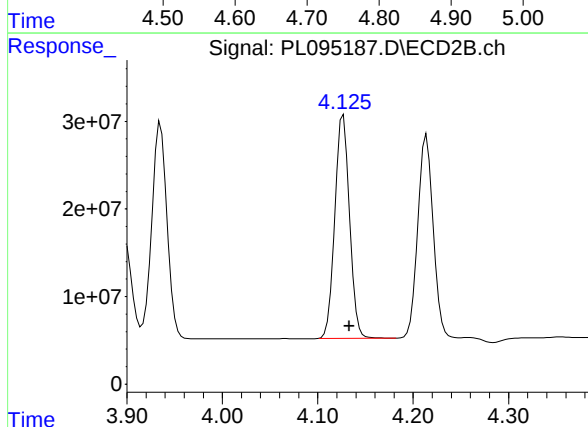
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.005 min
Response: 190226230
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

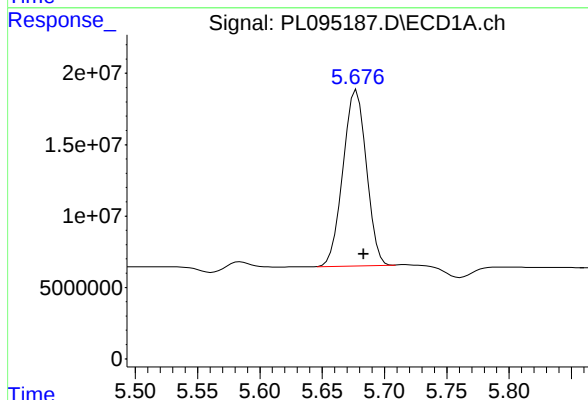
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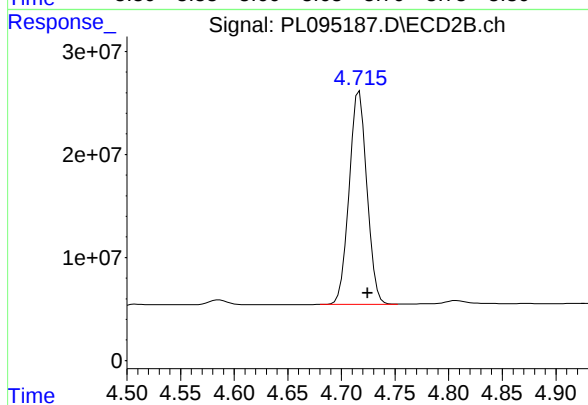
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 271653285
Conc: 54.31 ng/ml



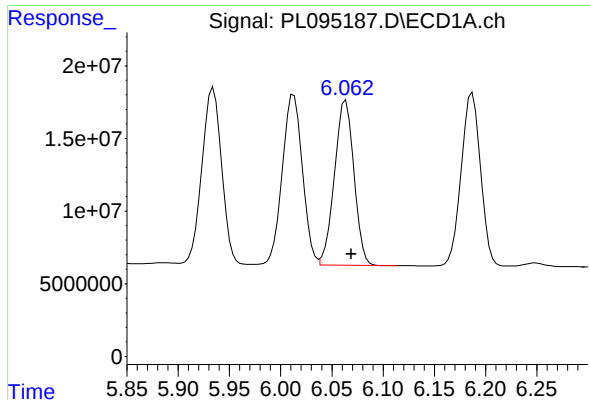
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.006 min
Response: 160823724
Conc: 48.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.009 min
Response: 239038255
Conc: 52.21 ng/ml m



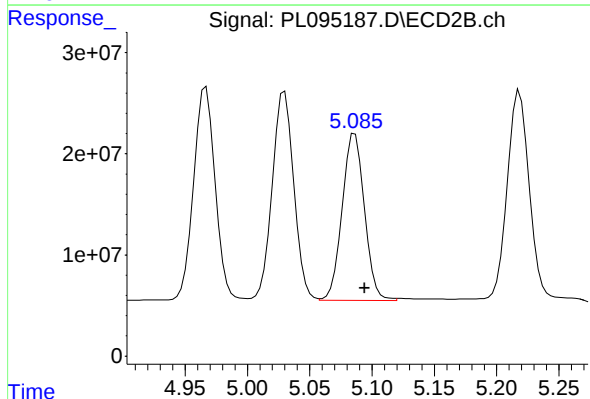
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.006 min
Response: 149580889
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

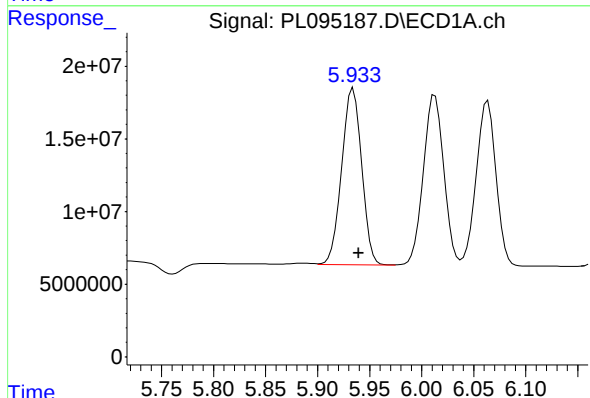
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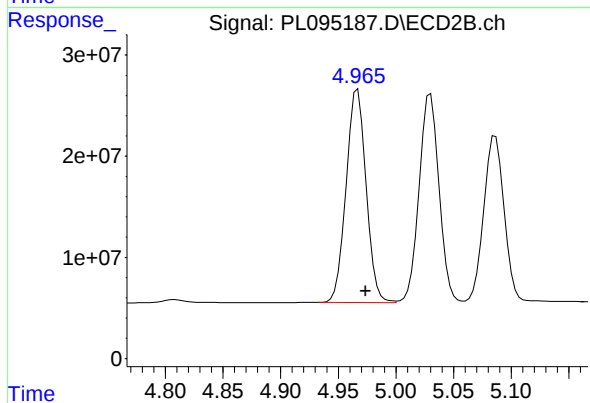
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 204991287
Conc: 46.71 ng/ml m



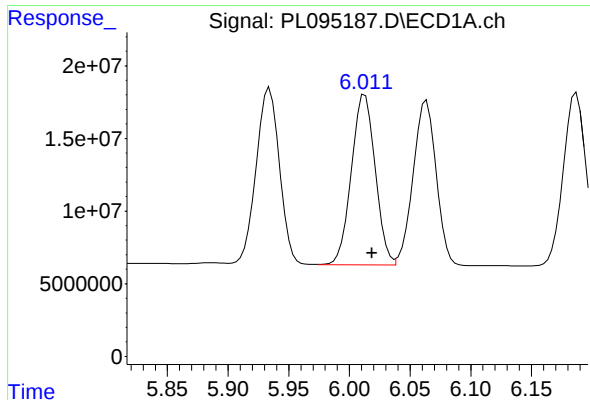
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.005 min
Response: 162546130
Conc: 48.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.009 min
Response: 253129474
Conc: 52.42 ng/ml m



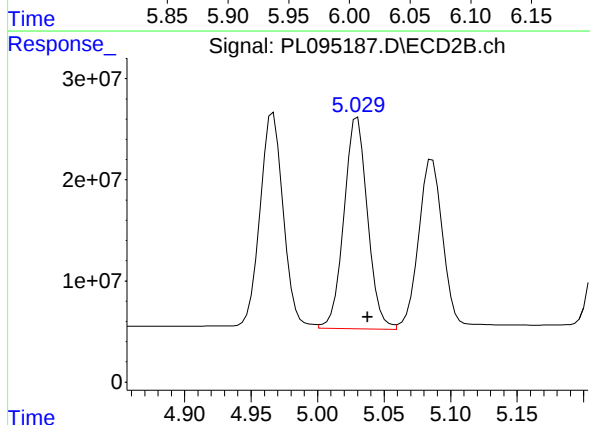
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.006 min
Response: 160477416
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

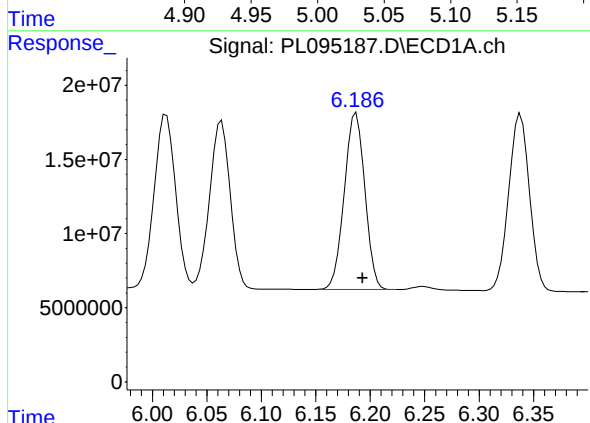
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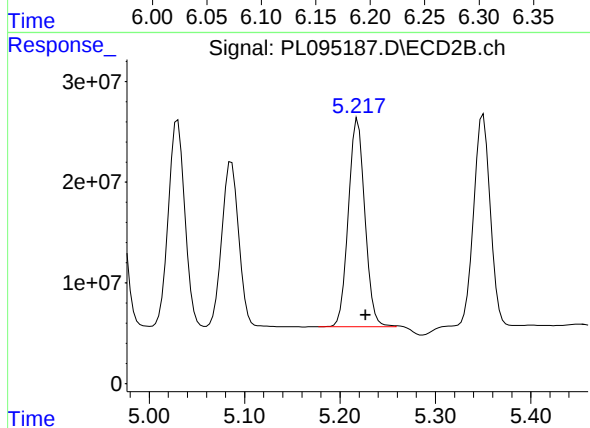
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.008 min
Response: 257652948
Conc: 53.98 ng/ml



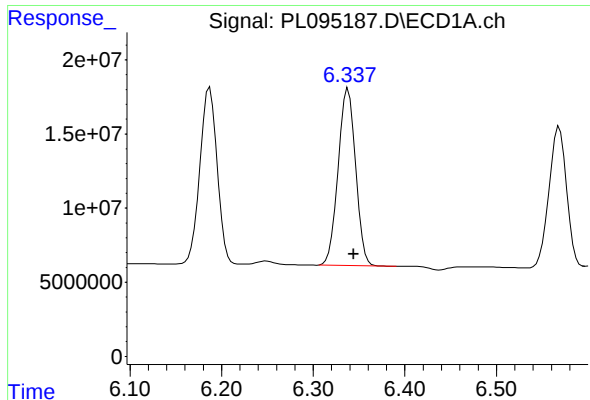
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 156292813
Conc: 53.12 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 250574677
Conc: 53.90 ng/ml m



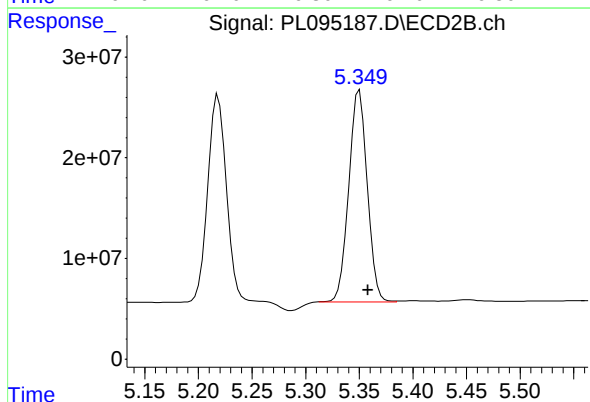
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 158240164
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

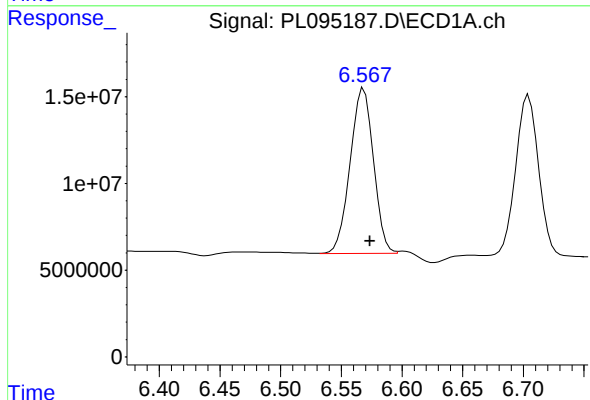
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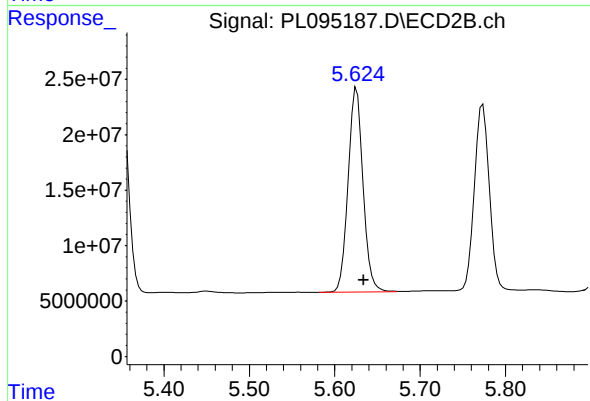
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 252919537
Conc: 52.13 ng/ml



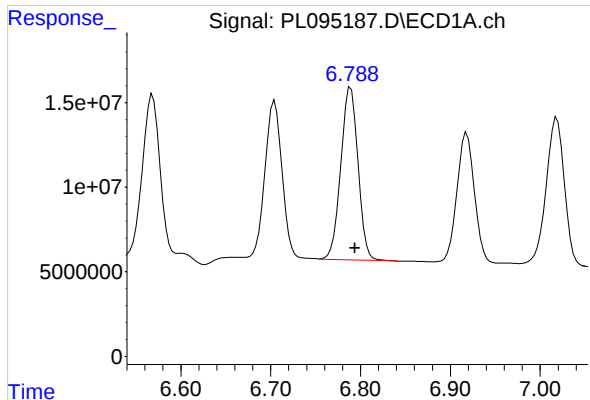
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 127452777
Conc: 45.98 ng/ml



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.009 min
Response: 224551783
Conc: 51.46 ng/ml



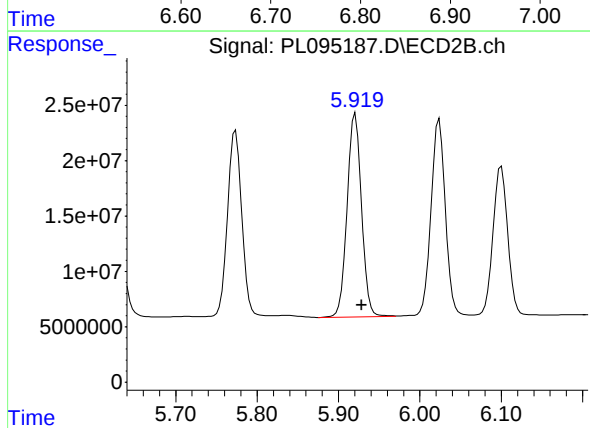
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 135752973
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

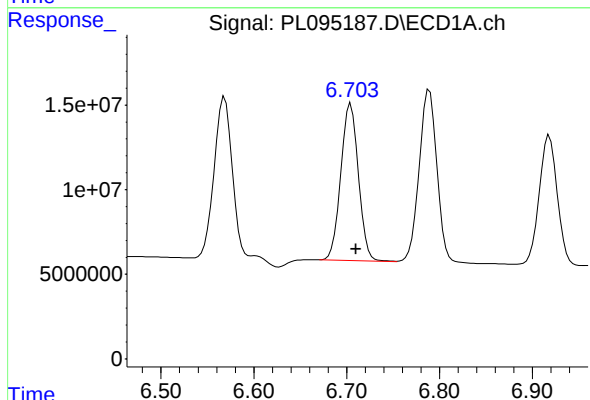
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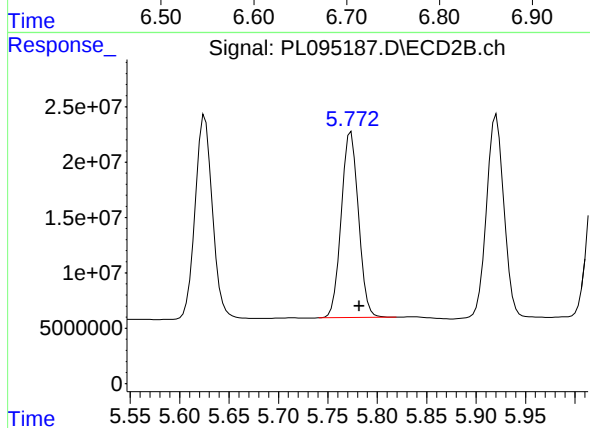
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 226798501
Conc: 52.40 ng/ml m



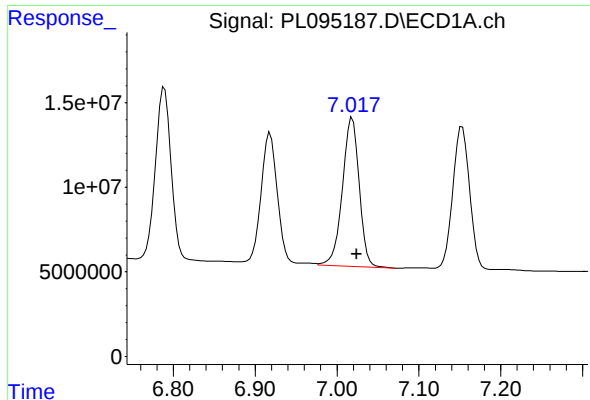
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 122608957
Conc: 56.60 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.008 min
Response: 202892720
Conc: 56.42 ng/ml



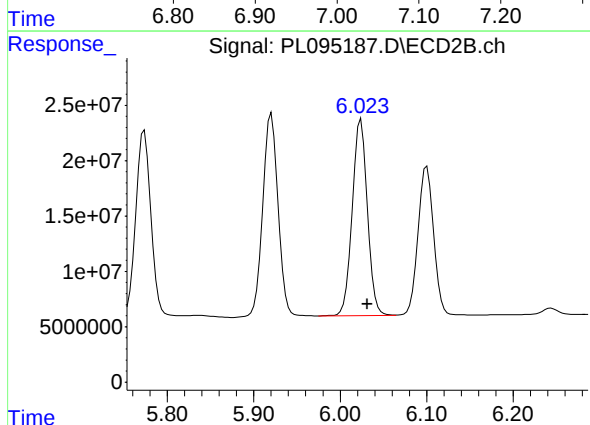
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.005 min
Response: 125589704
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

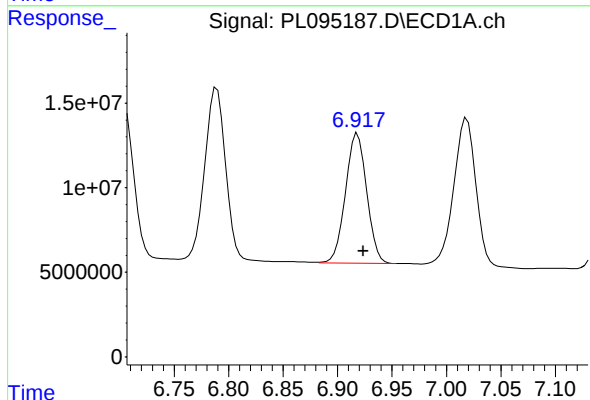
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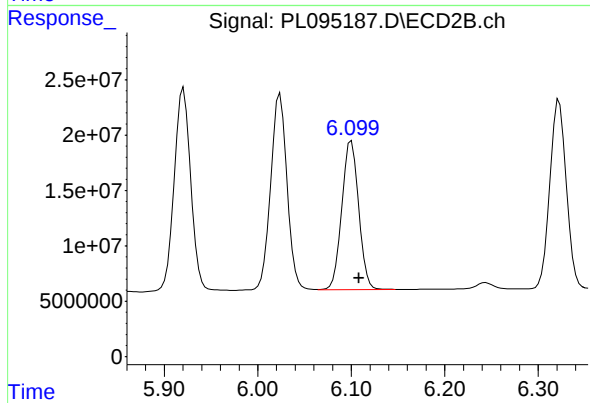
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 215499803
Conc: 53.45 ng/ml



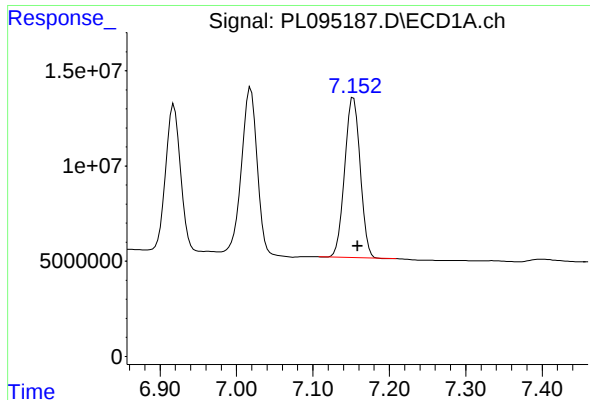
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 103888557
Conc: 49.21 ng/ml m



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 168353203
Conc: 50.03 ng/ml



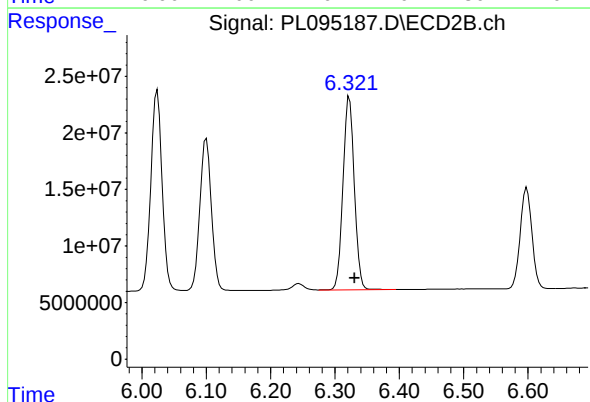
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 119122856
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

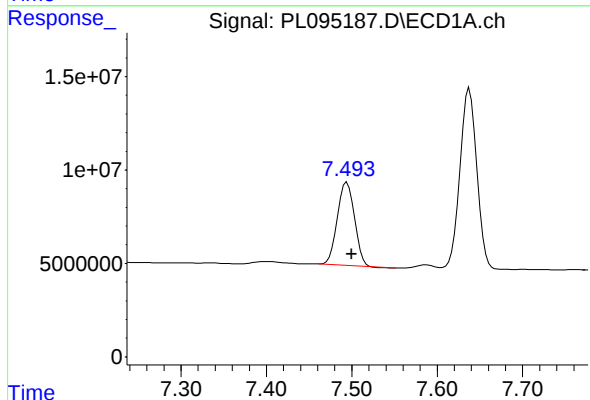
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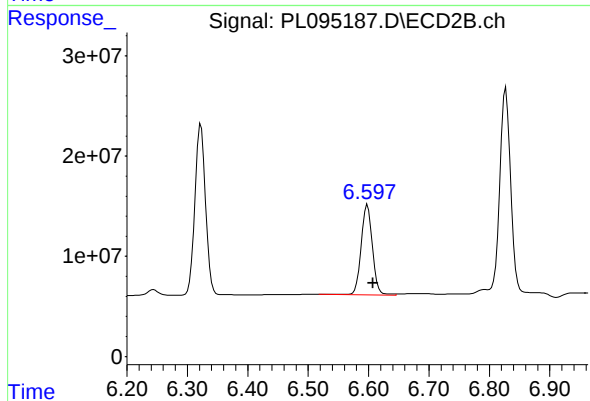
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.008 min
Response: 209665541
Conc: 51.47 ng/ml



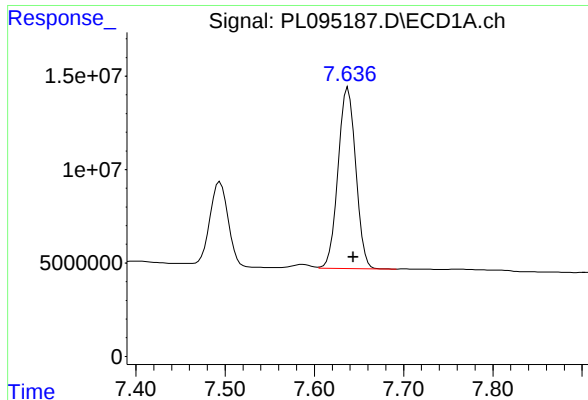
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 61522596
Conc: 51.39 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 117673627
Conc: 55.48 ng/ml



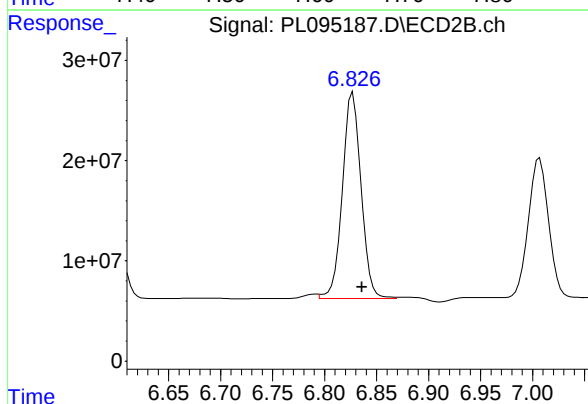
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 133179497
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

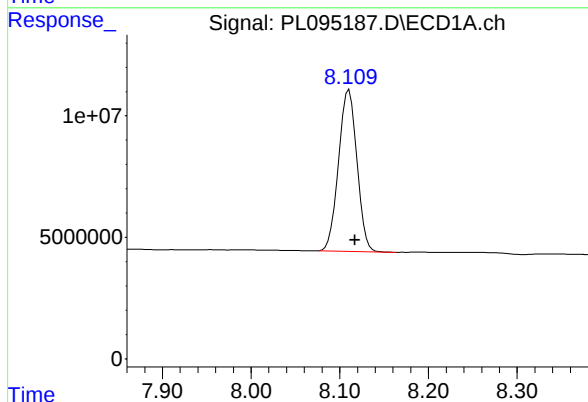
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



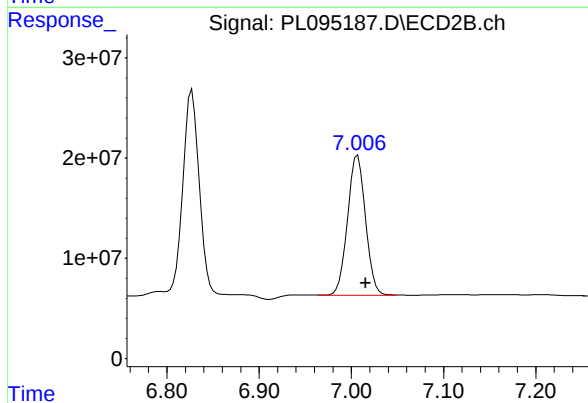
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 257430337
Conc: 53.94 ng/ml m



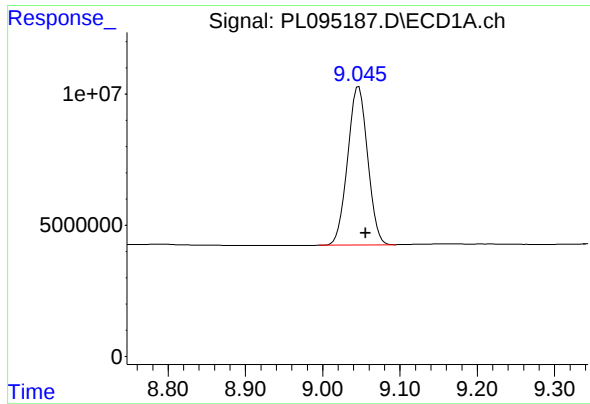
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 95822325
Conc: 46.37 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 188714393
Conc: 49.72 ng/ml m



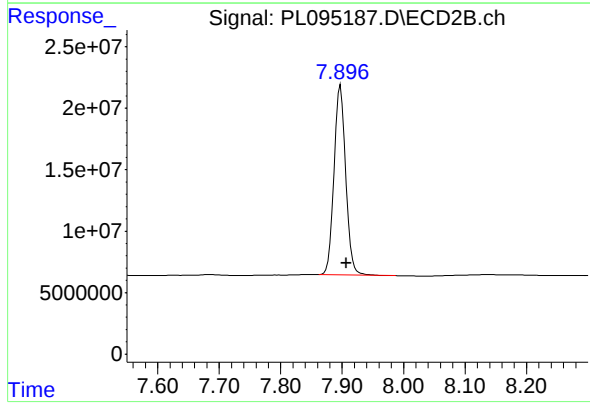
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 107982733
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.009 min
Response: 203592291
Conc: 50.40 ng/ml