

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
 Data File : PL095183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 20:51
 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 22:25:57 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	129.3E6	183.4E6	45.672	51.387
28) SA Decachlor...	9.047	7.897	99084340	178.4E6	47.016	44.154
Target Compounds						
2) A alpha-BHC	3.990	3.268	186.6E6	278.4E6	44.947	51.634
3) MA gamma-BHC...	4.322	3.598	178.6E6	260.3E6	44.755	50.654
4) MA Heptachlor	4.910	3.935	168.0E6	255.4E6	43.290	48.484
5) MB Aldrin	5.251	4.214	158.7E6	236.8E6	42.973	48.570
6) B beta-BHC	4.521	3.899	81320136	111.6E6	44.071	50.231
7) B delta-BHC	4.768	4.127	176.1E6	251.0E6	45.219	50.177
8) B Heptachlo...	5.677	4.717	141.6E6	220.4E6	42.343	48.141
9) A Endosulfan I	6.063	5.086	134.8E6	192.9E6	43.904	43.960
10) B gamma-Chl...	5.934	4.966	146.1E6	231.0E6	43.368	47.848
11) B alpha-Chl...	6.013	5.030	144.1E6	225.5E6	43.720	47.248
12) B 4,4'-DDE	6.187	5.217	140.2E6	227.3E6	47.651	48.905m
13) MA Dieldrin	6.338	5.349	141.8E6	228.4E6	44.344	47.075m
14) MA Endrin	6.566	5.625	116.9E6	205.3E6	42.156m	47.044
15) B Endosulfa...	6.788	5.919	122.9E6	198.2E6	45.289	45.798m
16) A 4,4'-DDD	6.705	5.773	107.8E6	178.8E6	49.772	49.718
17) MA 4,4'-DDT	7.018	6.023	112.4E6	190.0E6	47.276	47.112
18) B Endrin al...	6.918	6.100	93055707	148.8E6	44.082	44.212
19) B Endosulfa...	7.153	6.323	110.3E6	185.9E6	45.337	45.638
20) A Methoxychlor	7.495	6.598	57583865	100.9E6	48.104	47.586
21) B Endrin ke...	7.638	6.826	118.2E6	219.1E6	44.714	45.917m
22) Mirex	8.110	7.007	86349292	167.1E6	41.790	44.024

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
Data File : PL095183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 20:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

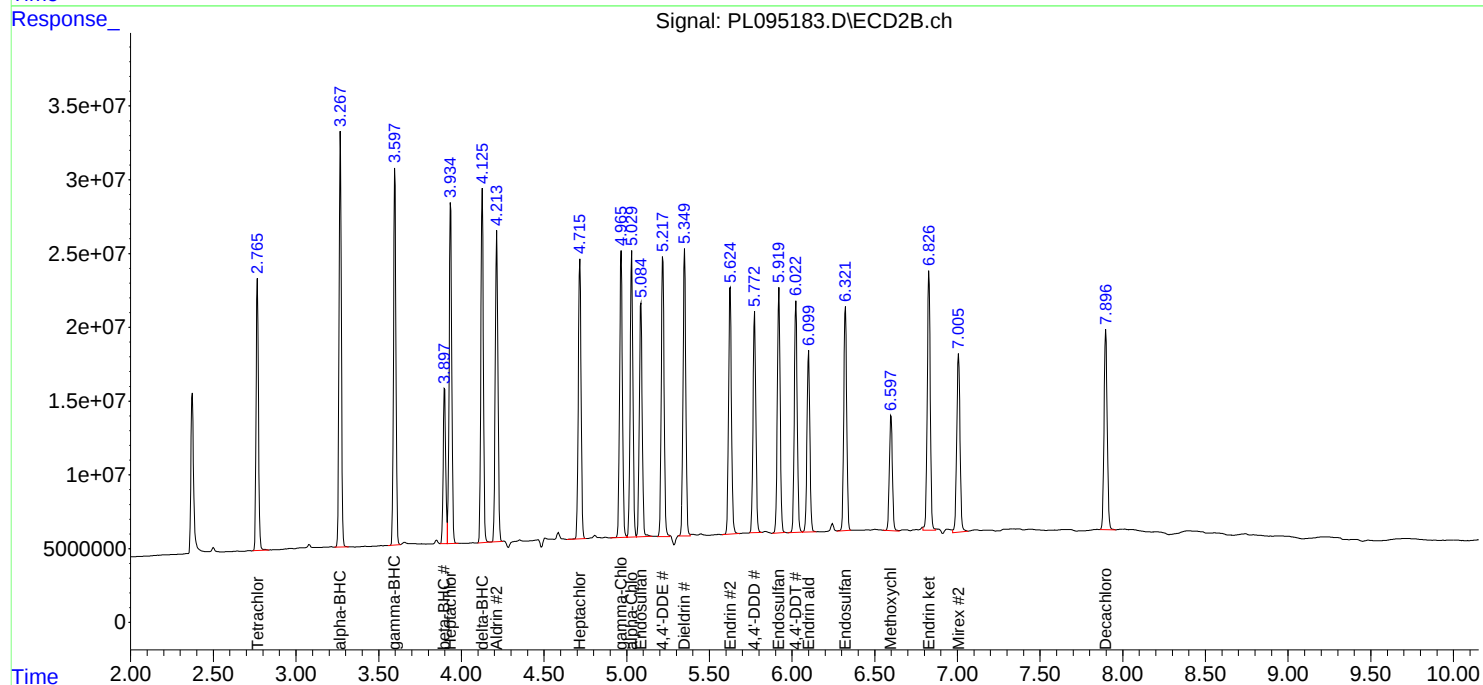
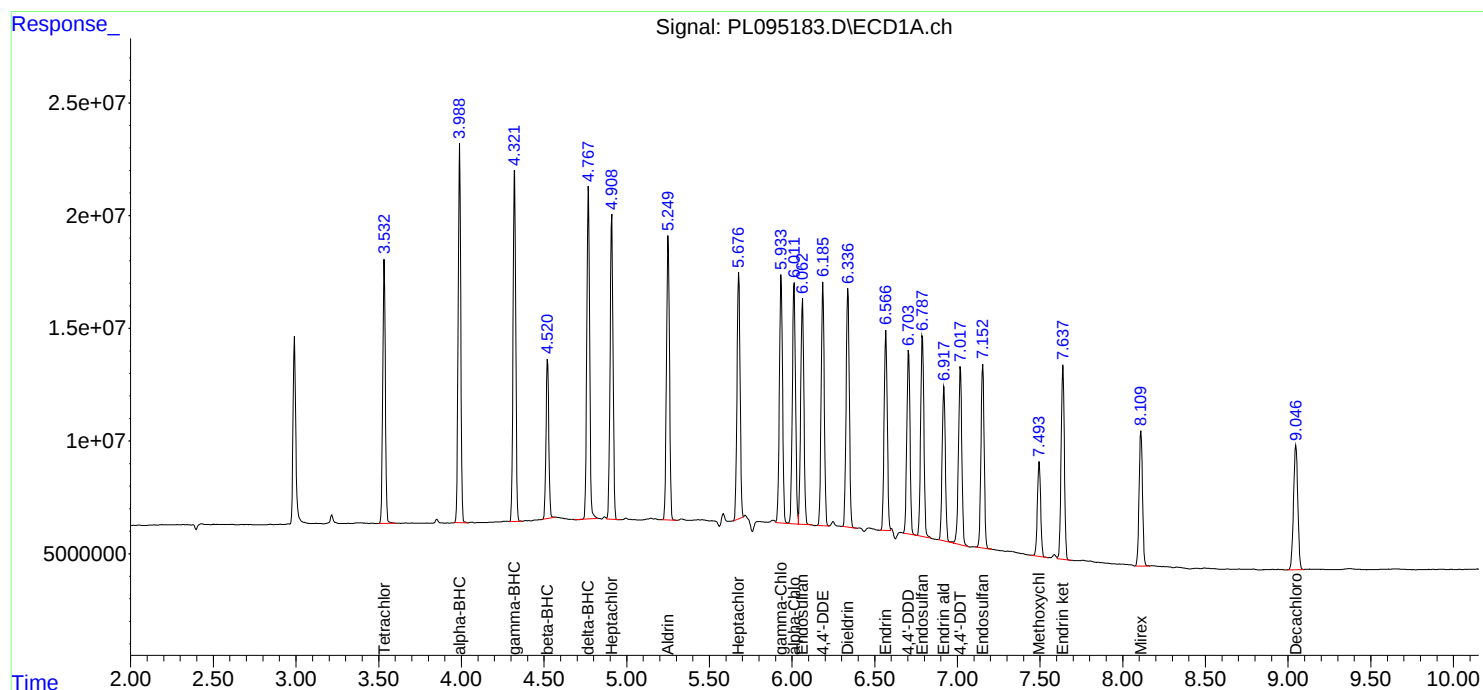
APPROVED

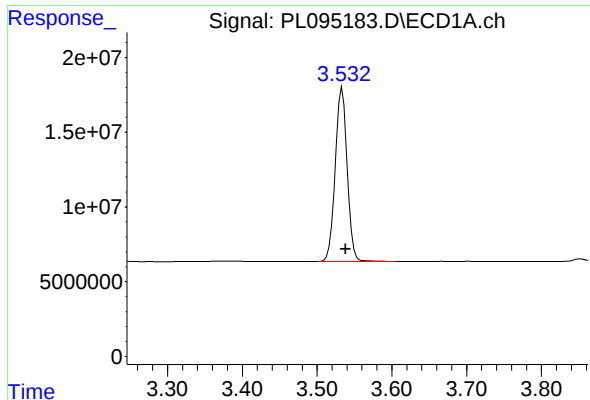
Reviewed By :Abdul Mirza 04/11/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 22:25:57 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-MR2 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





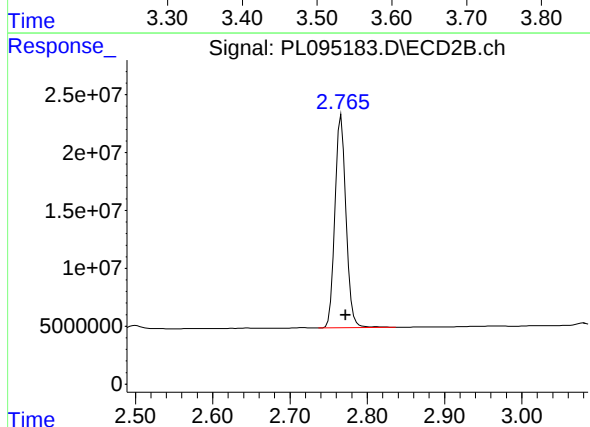
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 129283161
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

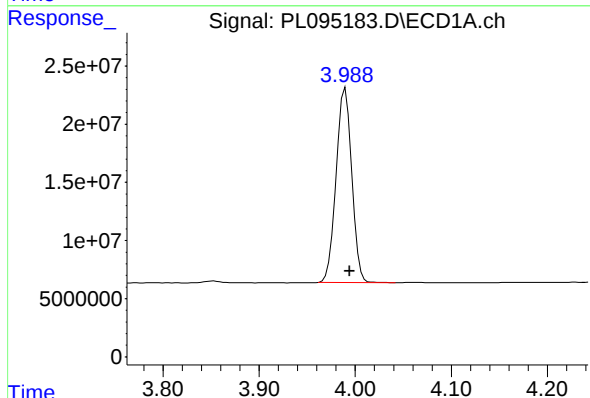
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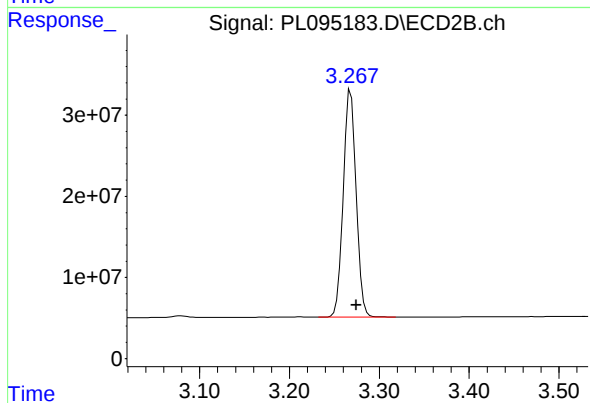
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 183414473
Conc: 51.39 ng/ml



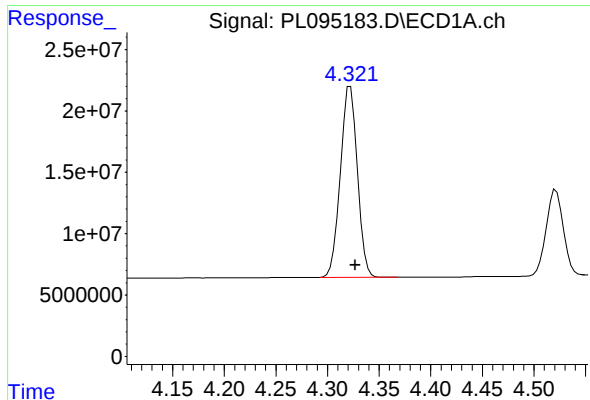
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 186634394
Conc: 44.95 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 278378514
Conc: 51.63 ng/ml



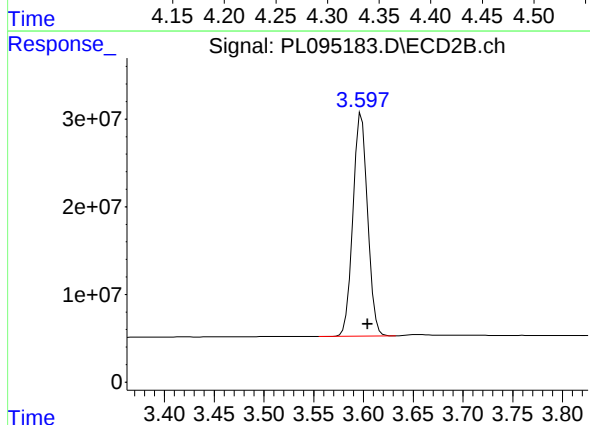
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 178583693
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

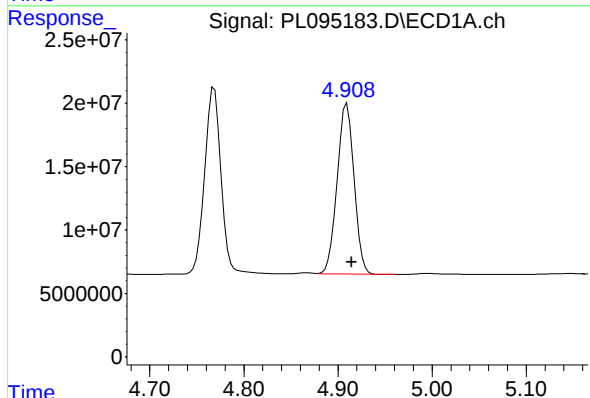
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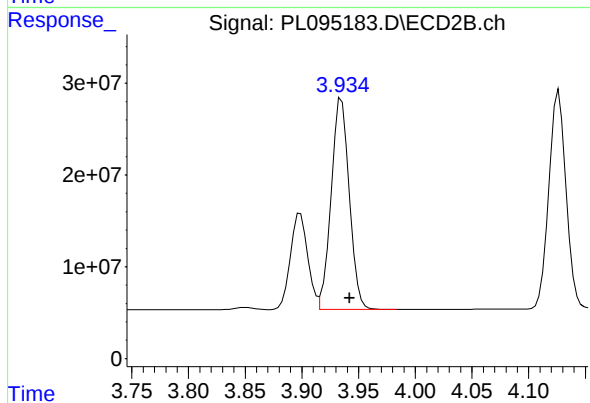
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 260335223
Conc: 50.65 ng/ml



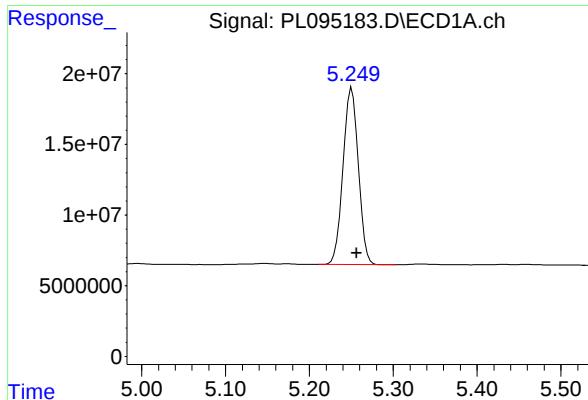
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 168034402
Conc: 43.29 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 255443674
Conc: 48.48 ng/ml



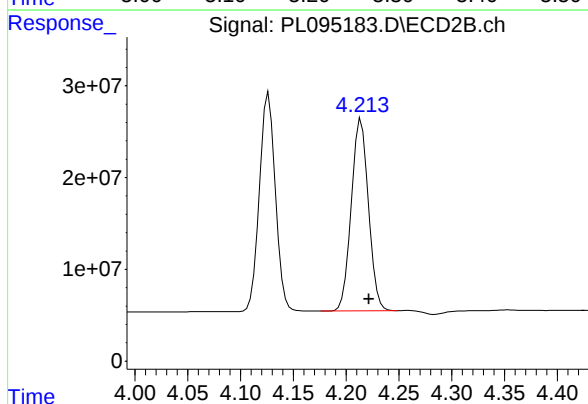
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 158665293
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

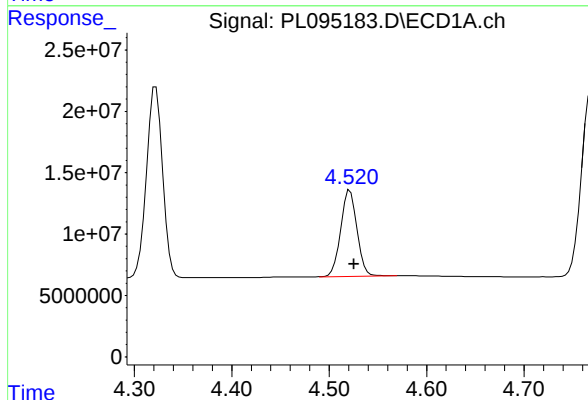
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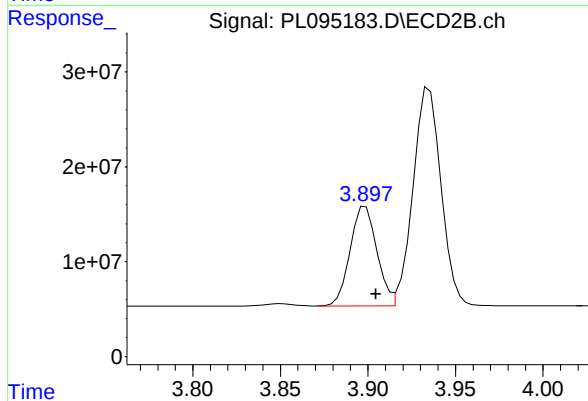
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 236842632
Conc: 48.57 ng/ml



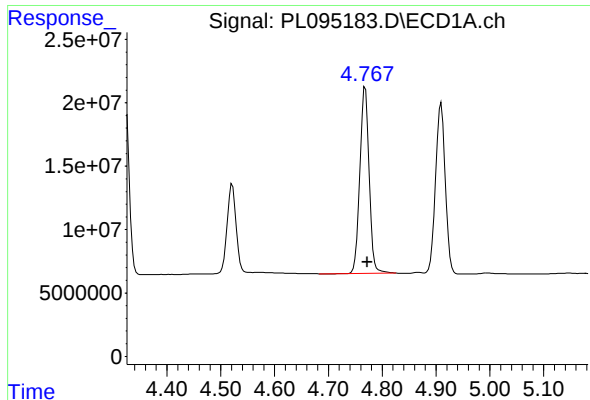
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 81320136
Conc: 44.07 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 111577317
Conc: 50.23 ng/ml



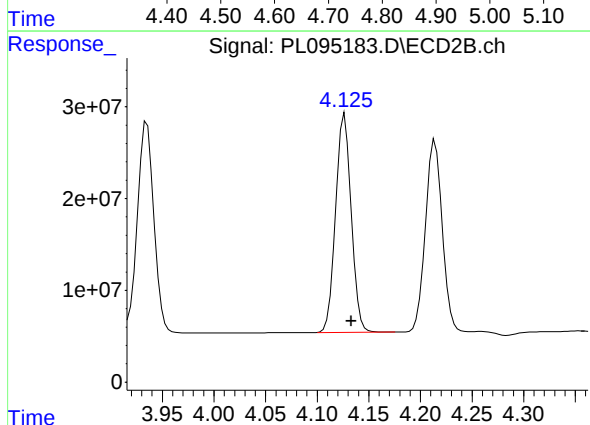
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 176096491
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

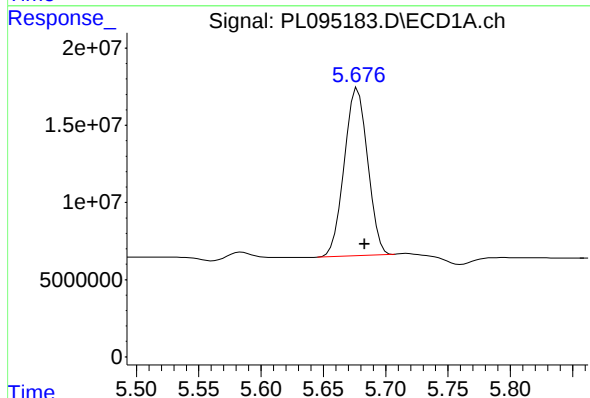
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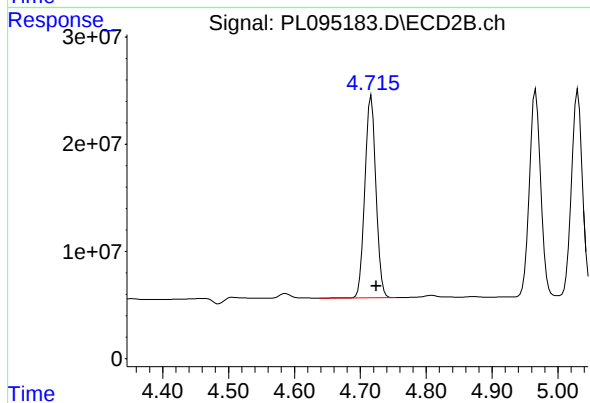
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.007 min
Response: 250984065
Conc: 50.18 ng/ml



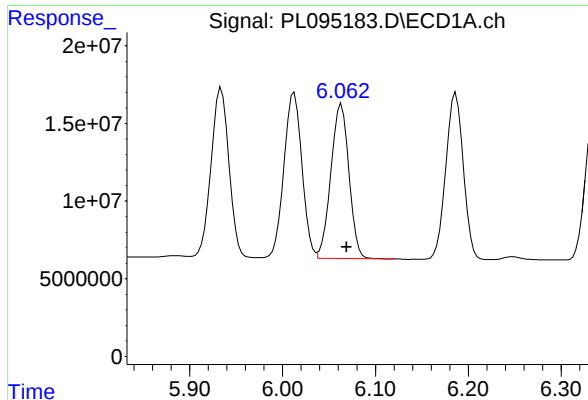
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 141644634
Conc: 42.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 220417110
Conc: 48.14 ng/ml



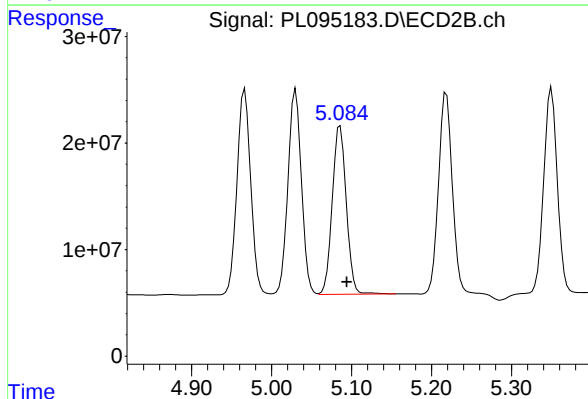
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 134794550
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

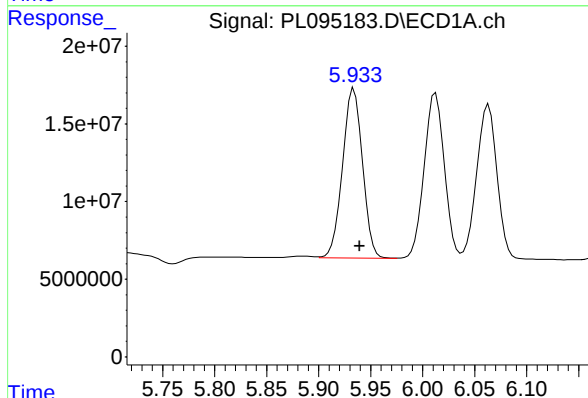
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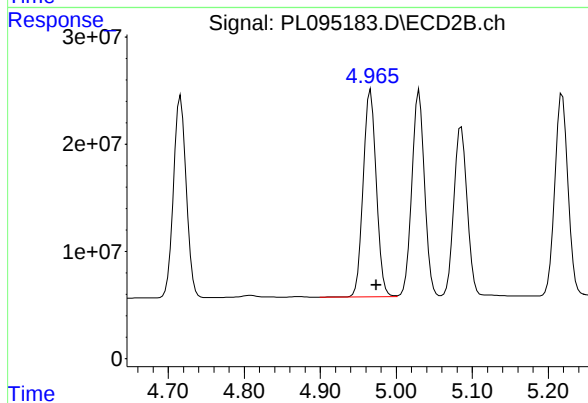
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 192927681
Conc: 43.96 ng/ml



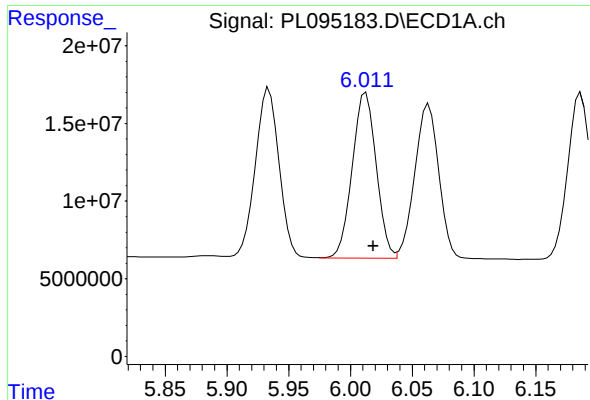
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.005 min
Response: 146123230
Conc: 43.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.008 min
Response: 231028562
Conc: 47.85 ng/ml



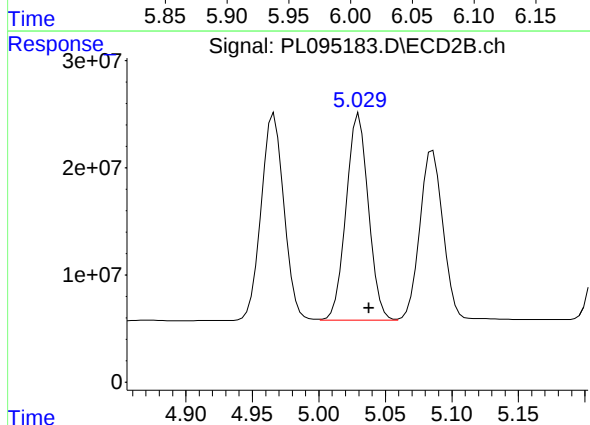
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.006 min
Response: 144138648
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

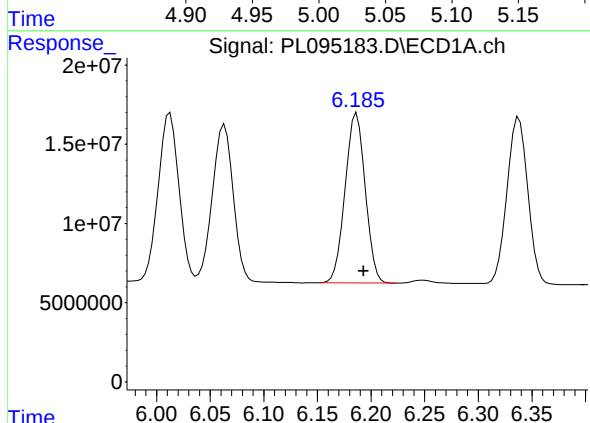
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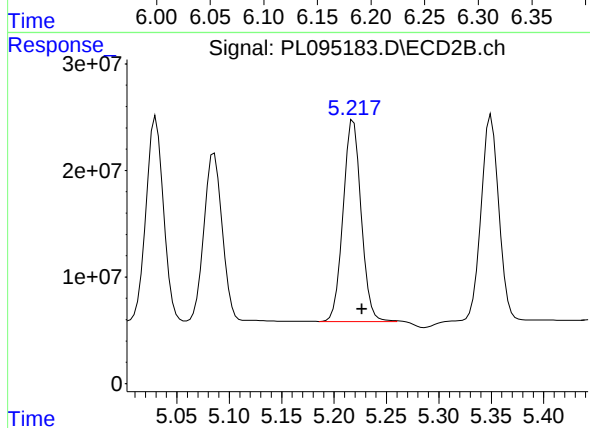
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.007 min
Response: 225505835
Conc: 47.25 ng/ml



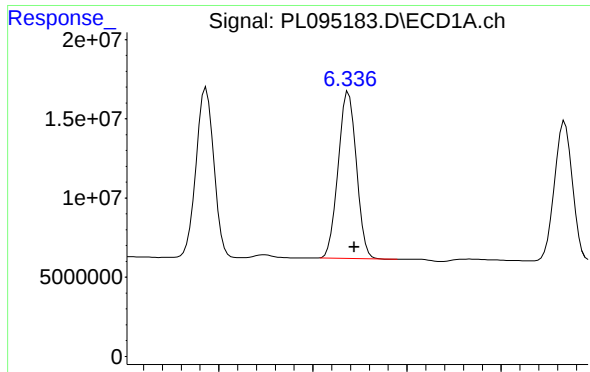
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 140193053
Conc: 47.65 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.010 min
Response: 227335463
Conc: 48.90 ng/ml m



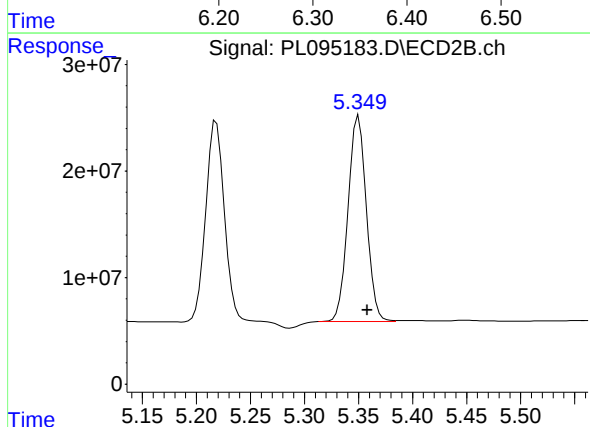
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 141819226
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

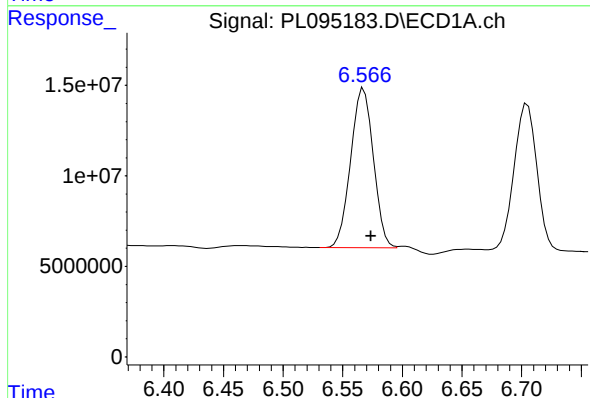
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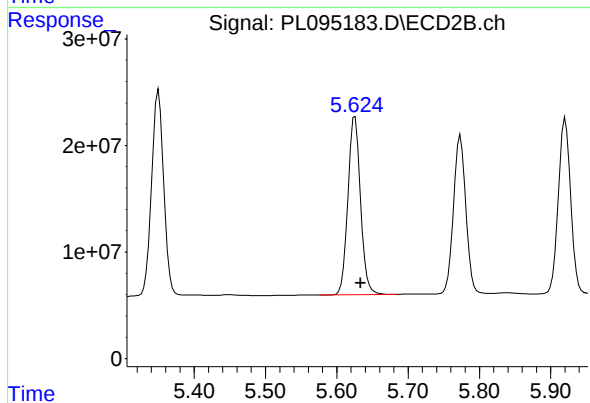
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.010 min
Response: 228399943
Conc: 47.08 ng/ml



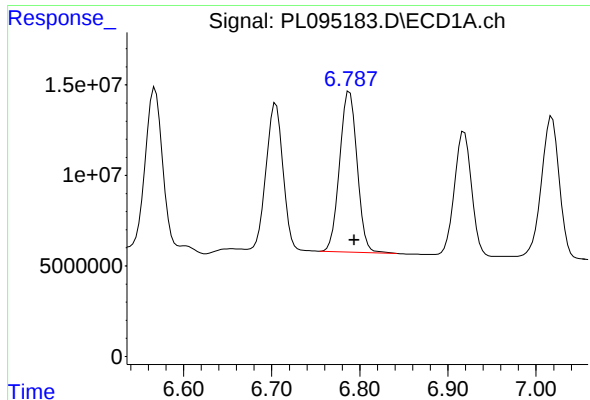
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.007 min
Response: 116859044
Conc: 42.16 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.008 min
Response: 205285058
Conc: 47.04 ng/ml



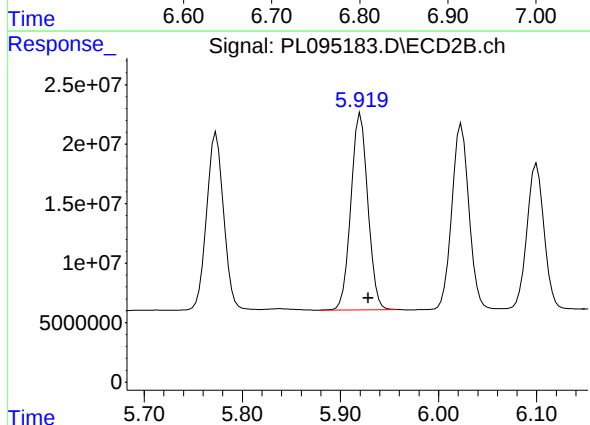
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 122947885
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

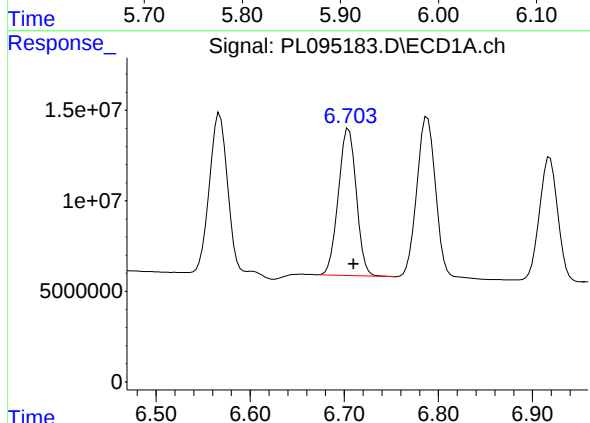
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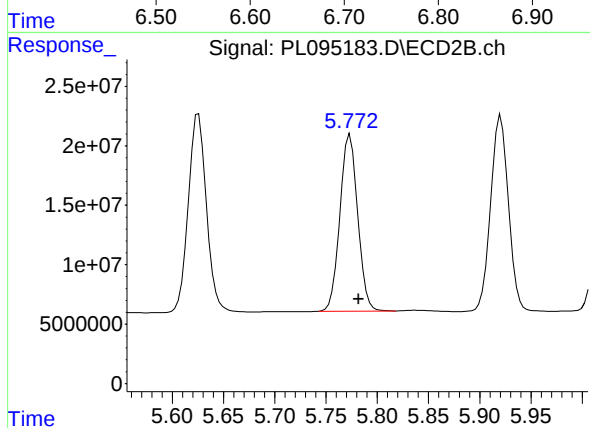
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 198227606
Conc: 45.80 ng/ml



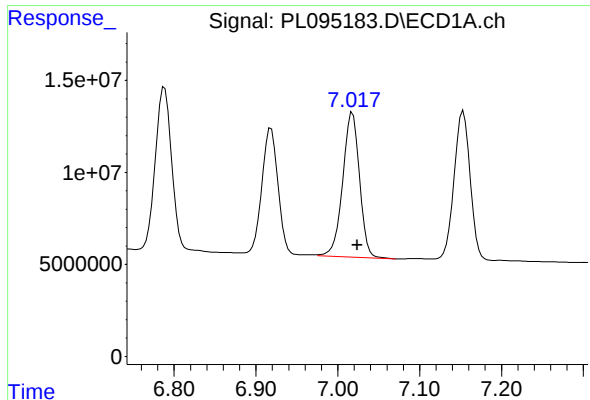
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 107809549
Conc: 49.77 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 178781430
Conc: 49.72 ng/ml



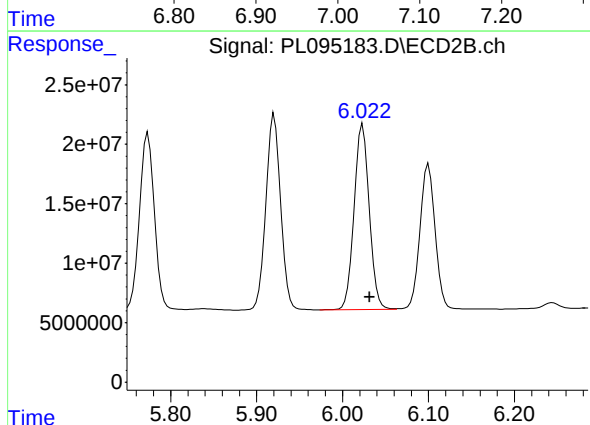
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 112446893
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

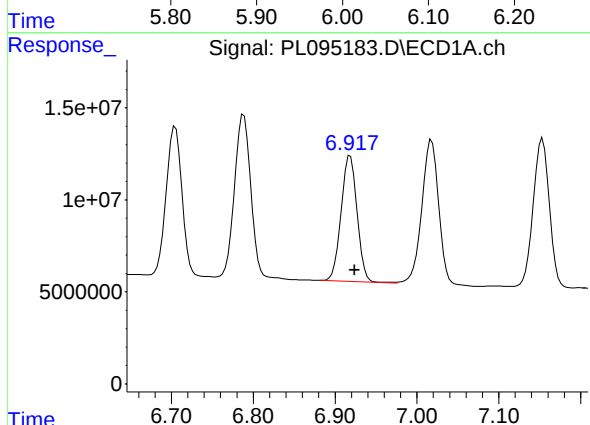
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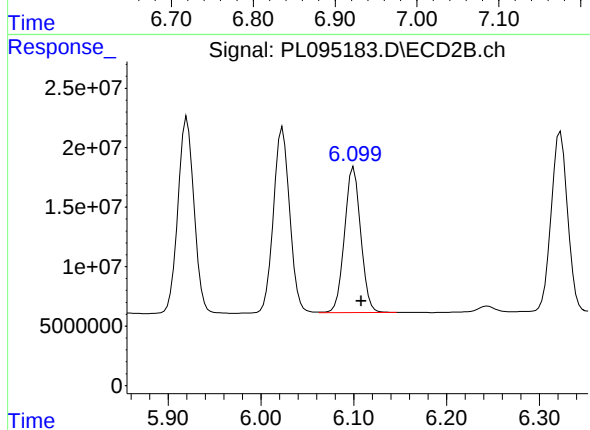
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 189962291
Conc: 47.11 ng/ml



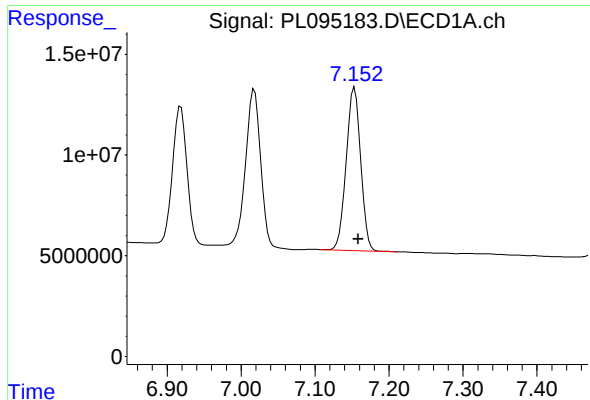
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.005 min
Response: 93055707
Conc: 44.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 148790705
Conc: 44.21 ng/ml



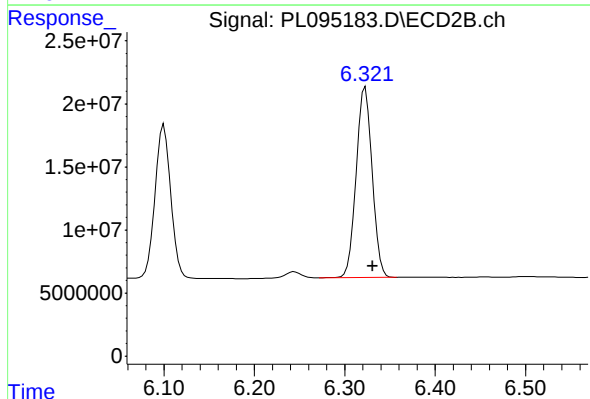
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 110259476
Conc: 45.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

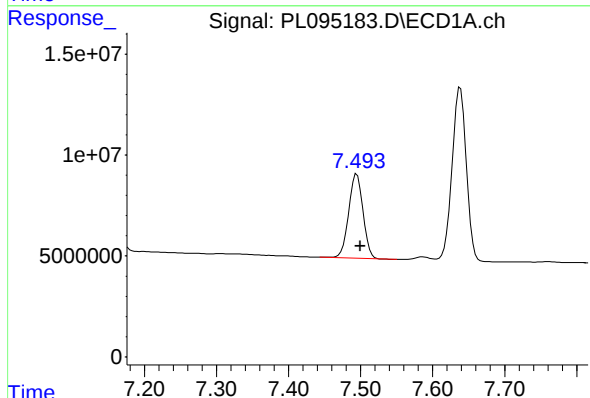
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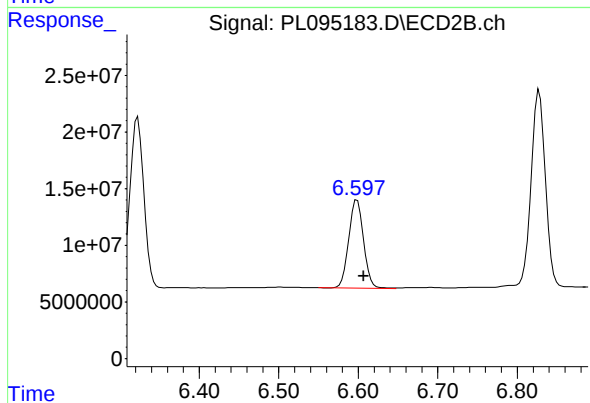
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 185902772
Conc: 45.64 ng/ml



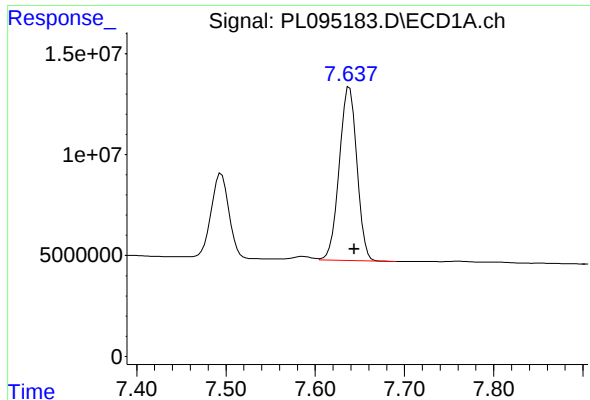
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 57583865
Conc: 48.10 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.008 min
Response: 100932455
Conc: 47.59 ng/ml



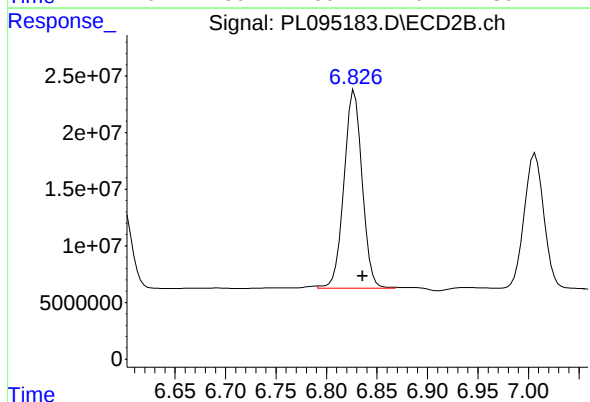
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.005 min
Response: 118189988
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

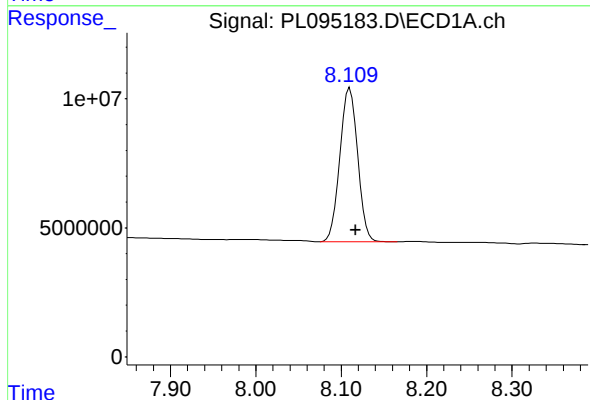
Manual Integrations
APPROVED

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



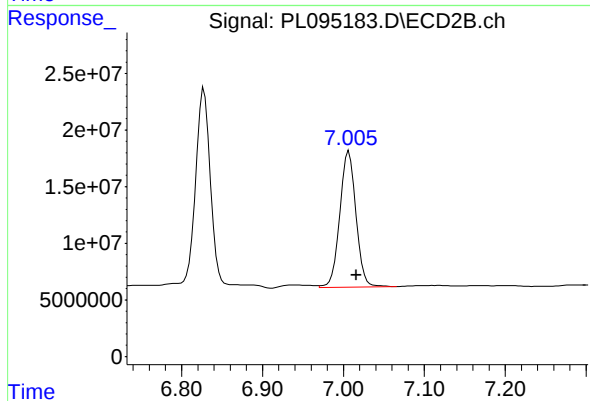
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 219142163
Conc: 45.92 ng/ml m



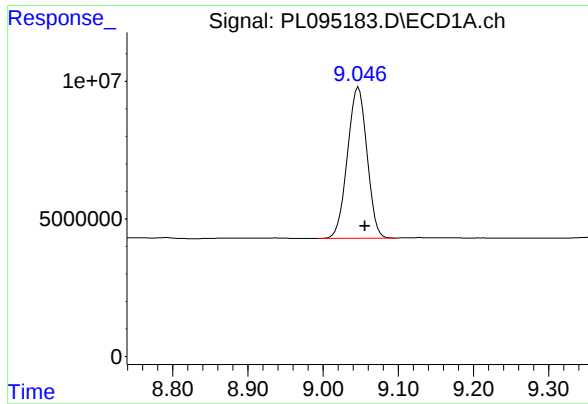
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 86349292
Conc: 41.79 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.009 min
Response: 167083602
Conc: 44.02 ng/ml



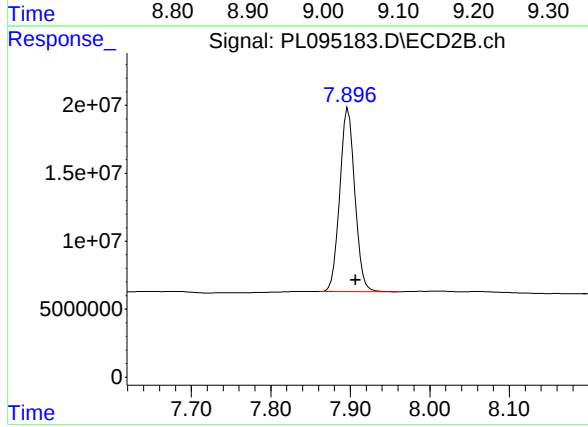
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.008 min
Response: 99084340
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.009 min
Response: 178353106
Conc: 44.15 ng/ml