

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
 Data File : PL095511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 13:18
 Operator : AR\AJ
 Sample : PB167822BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167822BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2025
 Supervised By : mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:31:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.600	2.909	58334240	69056693	17.868	21.718
28) SA Decachlor...	9.126	8.089	59280827	67718731	21.395	22.884
Target Compounds						
2) A alpha-BHC	4.052	3.419	224.1E6	252.4E6	45.232	56.744 #
3) MA gamma-BHC...	4.382	3.753	215.3E6	242.7E6	45.475m	55.179
4) MA Heptachlor	4.982	4.107	214.1E6	236.5E6	46.814	54.288
5) MB Aldrin	5.324	4.392	220.2E6	235.6E6	47.945	57.247
6) B beta-BHC	4.569	4.047	93909243	110.1E6	45.421	53.019
7) B delta-BHC	4.817	4.283	218.3E6	248.7E6	46.945m	56.763
8) B Heptachlo...	5.743	4.896	198.7E6	214.7E6	49.600m	55.593
9) A Endosulfan I	6.128	5.269	191.4E6	204.4E6	50.397	55.846
10) B gamma-Chl...	5.998	5.148	205.6E6	225.1E6	50.400	55.542
11) B alpha-Chl...	6.080	5.213	203.7E6	219.8E6	50.086	55.212
12) B 4,4'-DDE	6.247	5.398	192.8E6	223.4E6	49.183	54.938
13) MA Dieldrin	6.400	5.534	194.3E6	231.5E6	50.392	56.920
14) MA Endrin	6.627	5.809	161.9E6	204.2E6	50.835	56.087
15) B Endosulfa...	6.839	6.100	172.6E6	202.3E6	54.077	56.343
16) A 4,4'-DDD	6.757	5.951	154.4E6	192.7E6	54.553	58.993
17) MA 4,4'-DDT	7.072	6.205	147.1E6	195.2E6	51.642	56.800
18) B Endrin al...	6.968	6.277	125.8E6	154.6E6	54.194	59.161
19) B Endosulfa...	7.202	6.501	143.9E6	186.2E6	51.373	56.106
20) A Methoxychlor	7.543	6.775	69306465	103.7E6	49.677	54.386
21) B Endrin ke...	7.682	7.006	148.5E6	215.8E6	52.102	61.276
22) Mirex	8.164	7.201	120.5E6	158.8E6	50.728	55.092m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
Data File : PL095511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 13:18
Operator : AR\AJ
Sample : PB167822BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

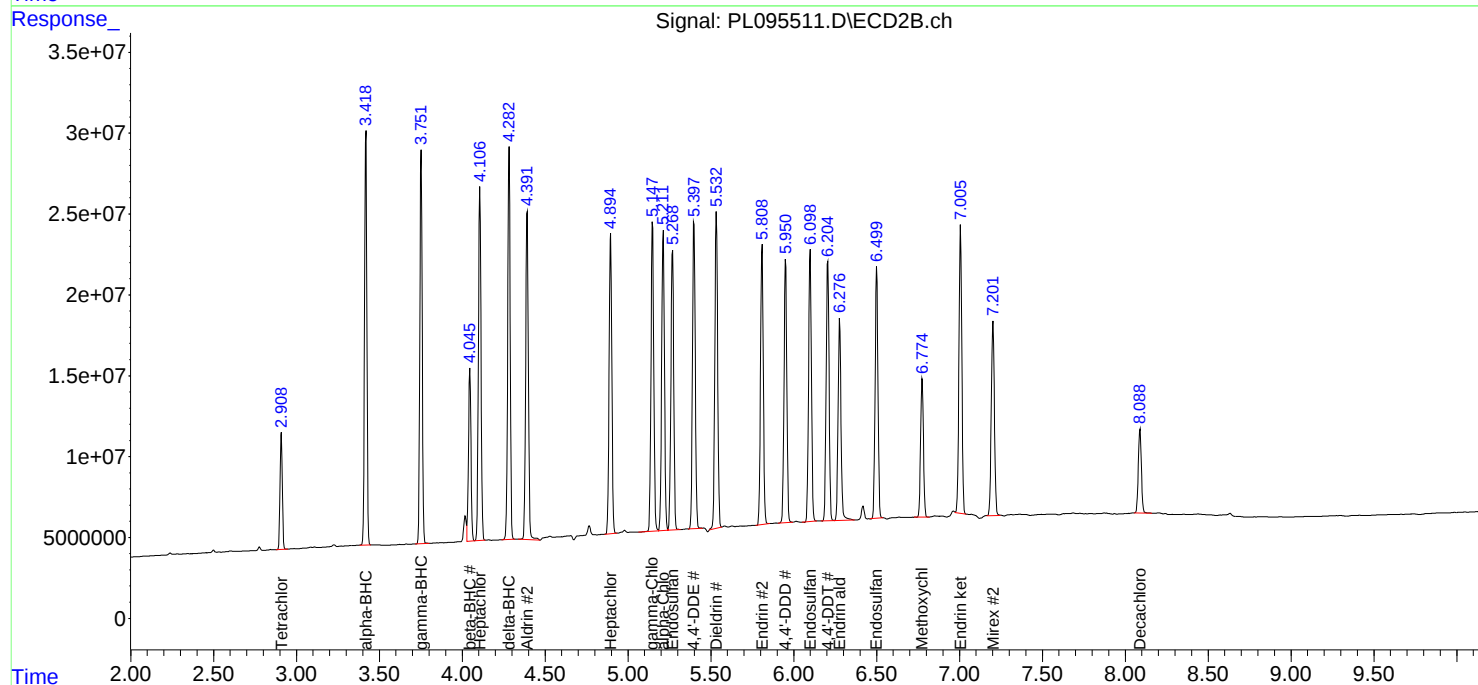
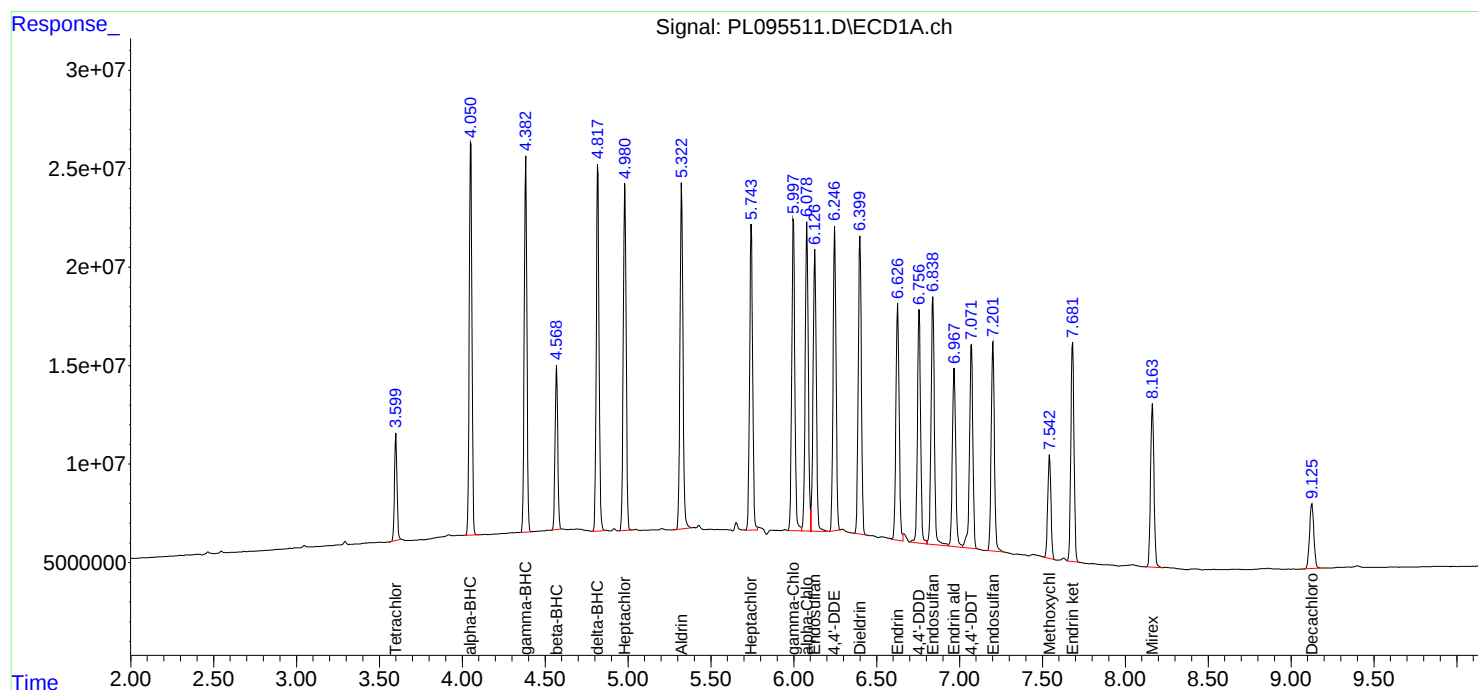
Instrument :
ECD_L
ClientSampleId :
PB167822BS

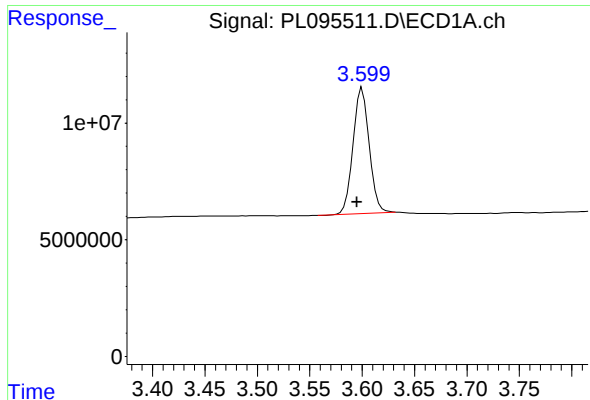
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2025
Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 01:31:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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.: 3.600 min
Delta R.T.: 0.005 min
Response: 58334240
Conc: 17.87 ng/ml

Instrument :

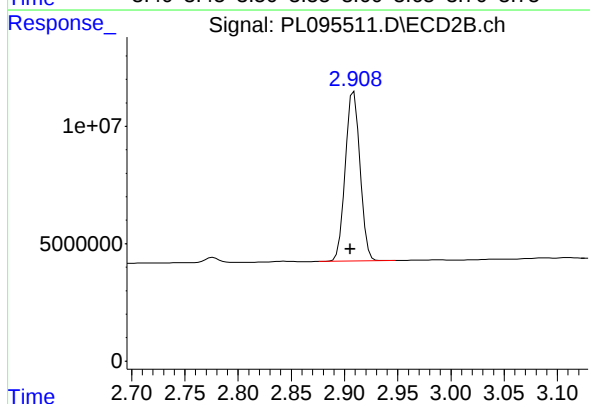
ECD_L

ClientSampleId :

PB167822BS

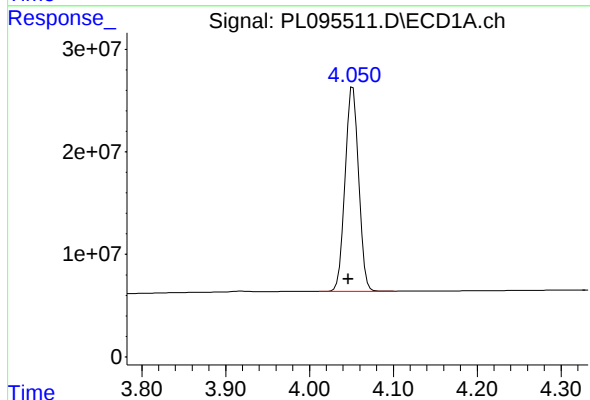
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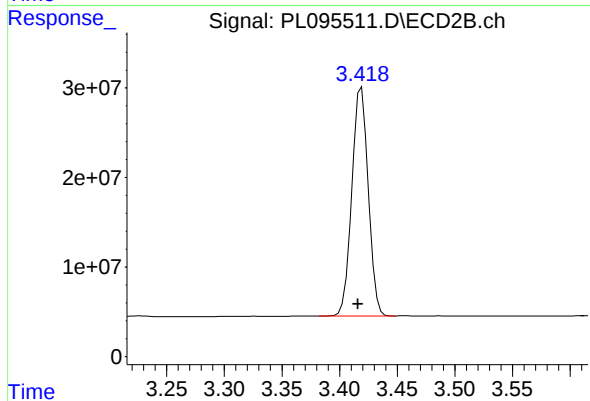
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.003 min
Response: 69056693
Conc: 21.72 ng/ml



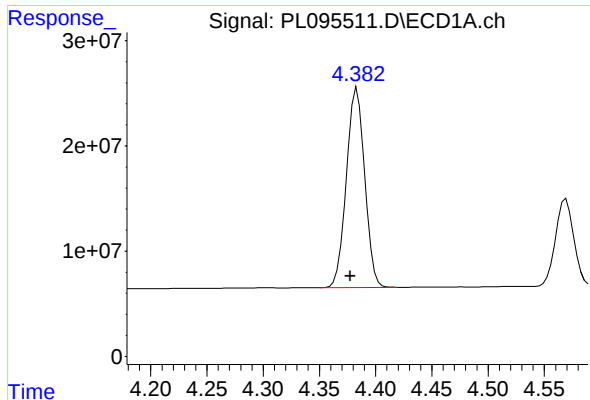
#2 alpha-BHC

R.T.: 4.052 min
Delta R.T.: 0.006 min
Response: 224067576
Conc: 45.23 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 252439264
Conc: 56.74 ng/ml



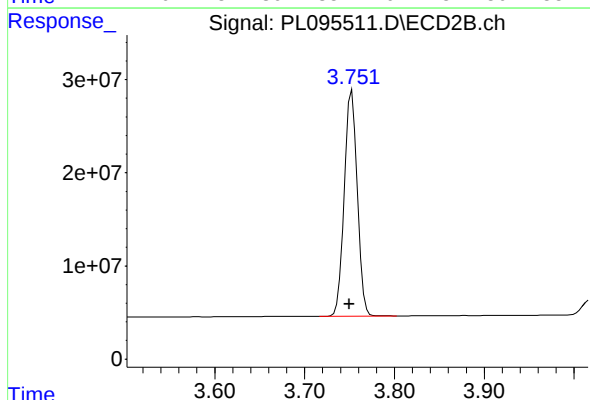
#3 gamma-BHC (Lindane)

R.T.: 4.382 min
Delta R.T.: 0.005 min
Response: 215275642
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

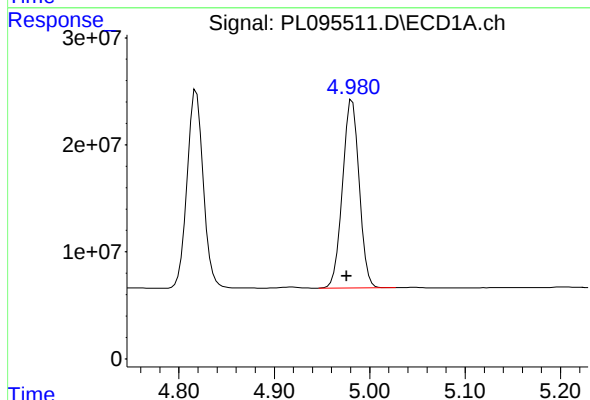
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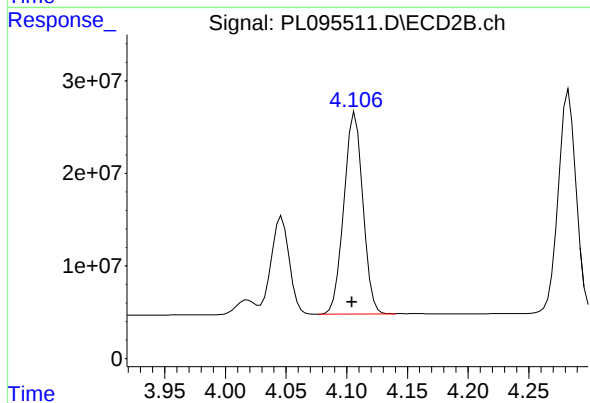
#3 gamma-BHC (Lindane)

R.T.: 3.753 min
Delta R.T.: 0.003 min
Response: 242690604
Conc: 55.18 ng/ml



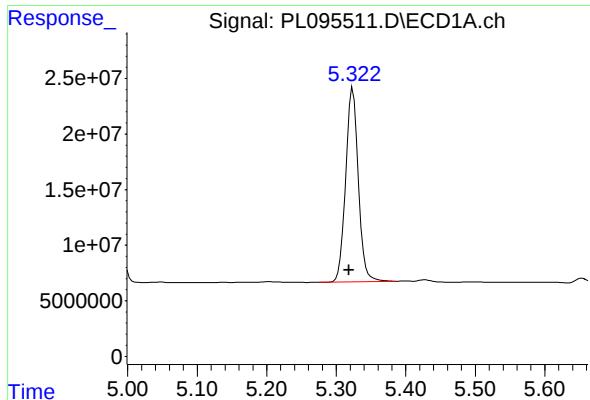
#4 Heptachlor

R.T.: 4.982 min
Delta R.T.: 0.006 min
Response: 214149835
Conc: 46.81 ng/ml



#4 Heptachlor

R.T.: 4.107 min
Delta R.T.: 0.002 min
Response: 236516020
Conc: 54.29 ng/ml



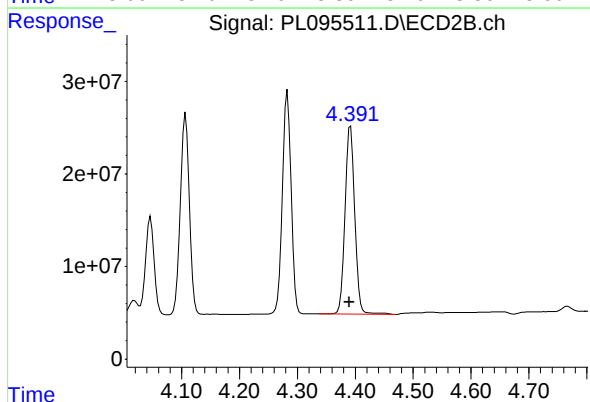
#5 Aldrin

R.T.: 5.324 min
Delta R.T.: 0.006 min
Response: 220213565
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

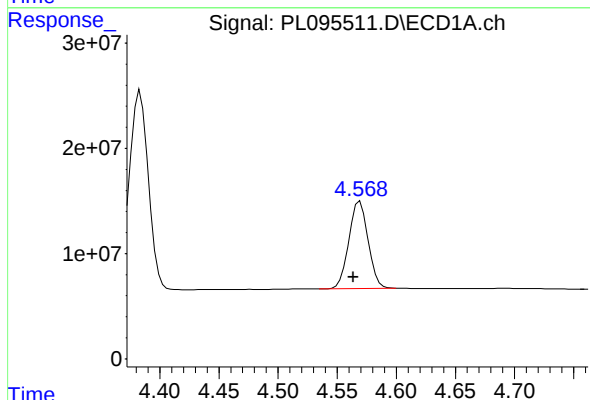
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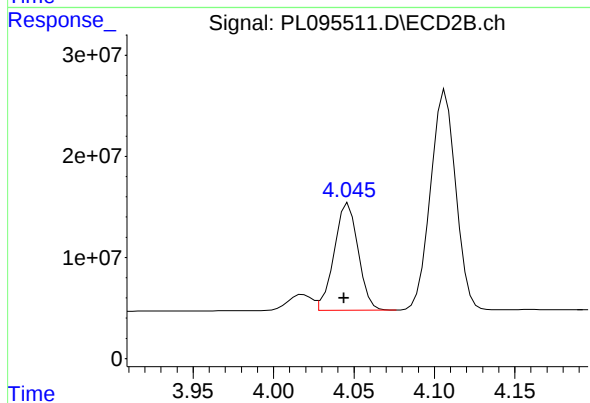
#5 Aldrin

R.T.: 4.392 min
Delta R.T.: 0.002 min
Response: 235610610
Conc: 57.25 ng/ml



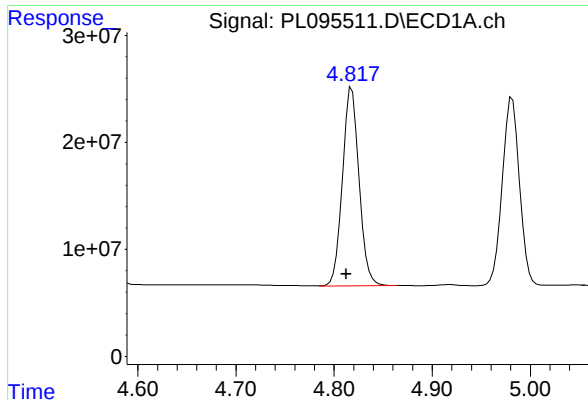
#6 beta-BHC

R.T.: 4.569 min
Delta R.T.: 0.006 min
Response: 93909243
Conc: 45.42 ng/ml



#6 beta-BHC

R.T.: 4.047 min
Delta R.T.: 0.003 min
Response: 110060344
Conc: 53.02 ng/ml



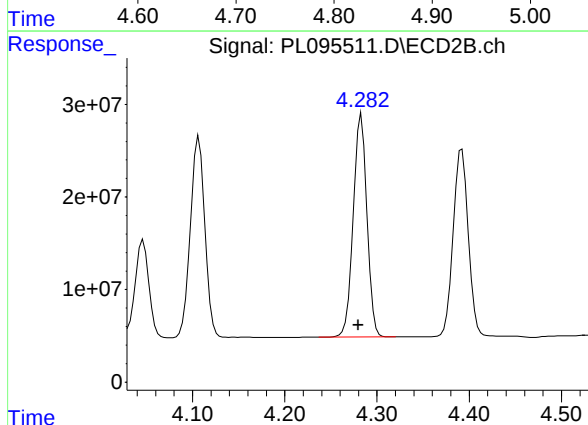
#7 delta-BHC

R.T.: 4.817 min
Delta R.T.: 0.004 min
Response: 218326057
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

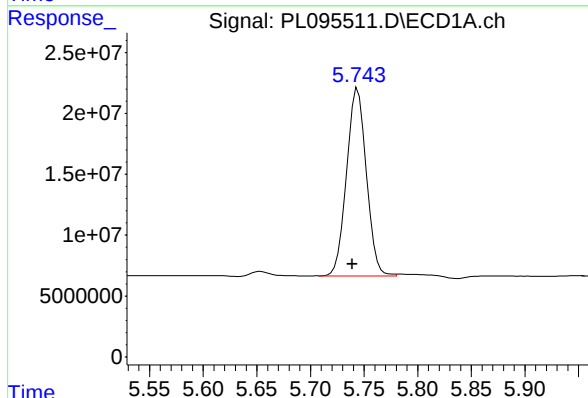
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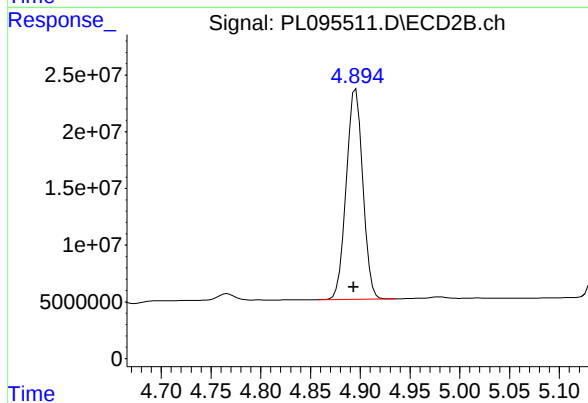
#7 delta-BHC

R.T.: 4.283 min
Delta R.T.: 0.003 min
Response: 248732015
Conc: 56.76 ng/ml



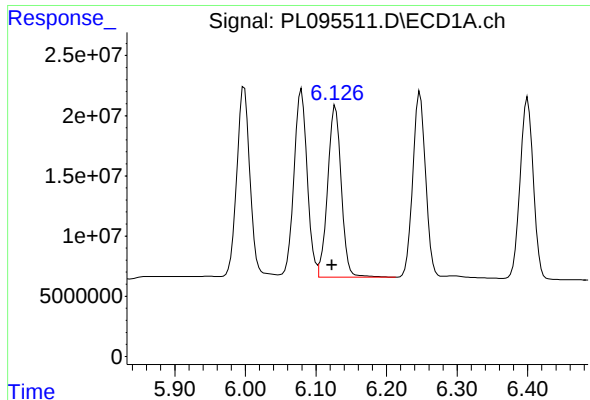
#8 Heptachlor epoxide

R.T.: 5.743 min
Delta R.T.: 0.004 min
Response: 198655608
Conc: 49.60 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 214735950
Conc: 55.59 ng/ml



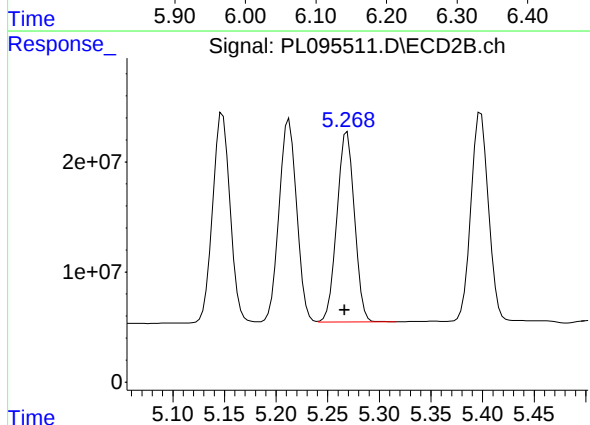
#9 Endosulfan I

R.T.: 6.128 min
Delta R.T.: 0.005 min
Response: 191382796
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

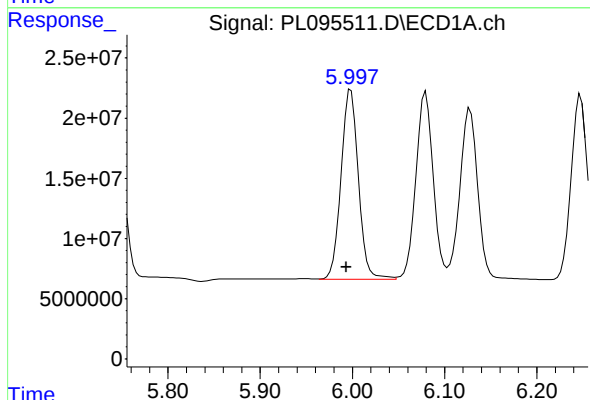
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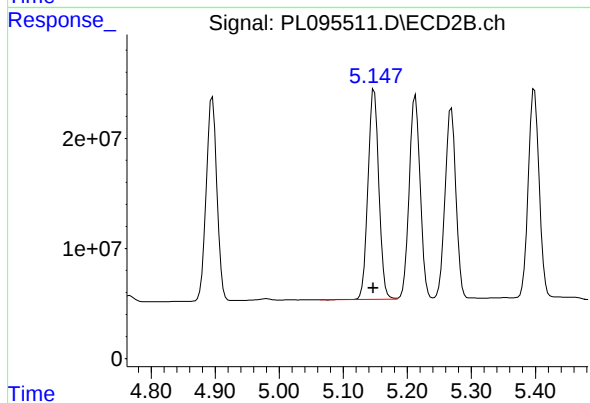
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 204421579
Conc: 55.85 ng/ml



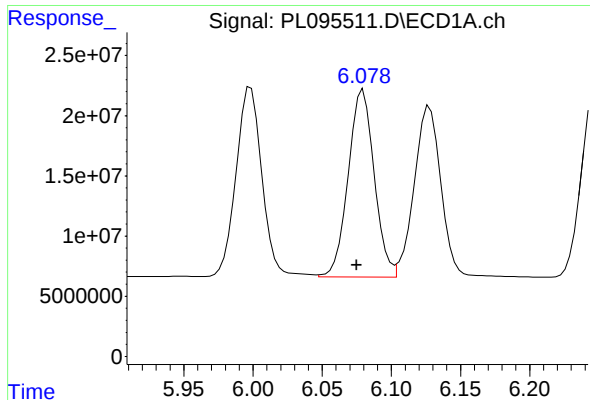
#10 gamma-Chlordane

R.T.: 5.998 min
Delta R.T.: 0.005 min
Response: 205598449
Conc: 50.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.148 min
Delta R.T.: 0.002 min
Response: 225091448
Conc: 55.54 ng/ml



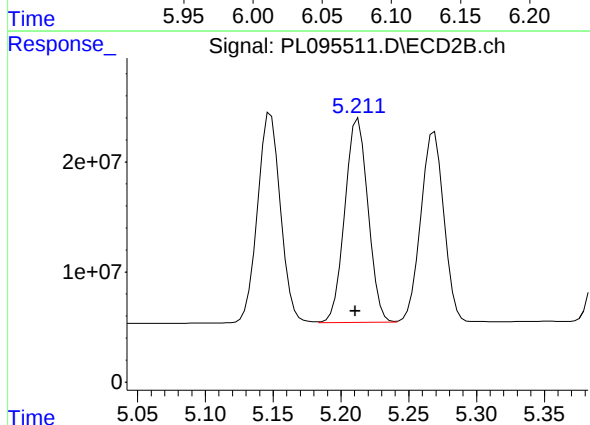
#11 alpha-Chlordane

R.T.: 6.080 min
Delta R.T.: 0.005 min
Response: 203655451
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

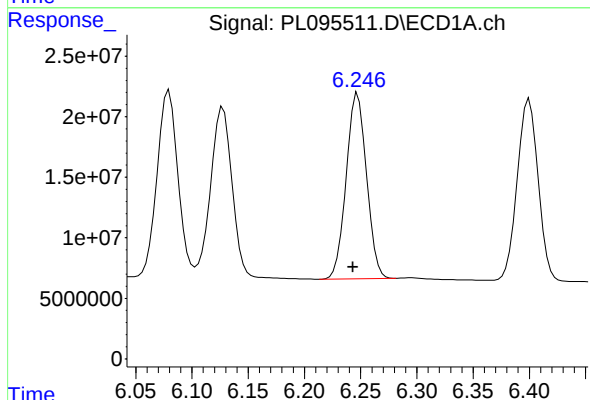
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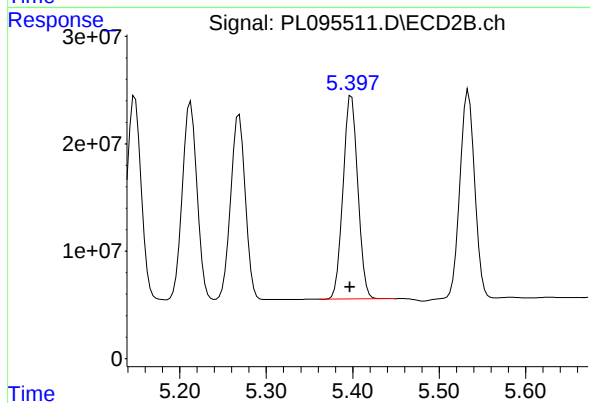
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 219801658
Conc: 55.21 ng/ml



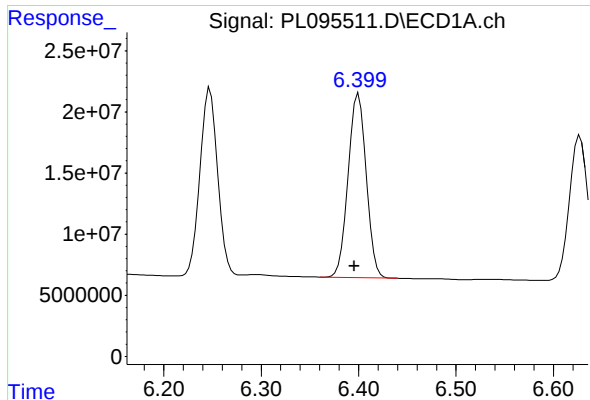
#12 4,4'-DDE

R.T.: 6.247 min
Delta R.T.: 0.004 min
Response: 192823631
Conc: 49.18 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.002 min
Response: 223431352
Conc: 54.94 ng/ml



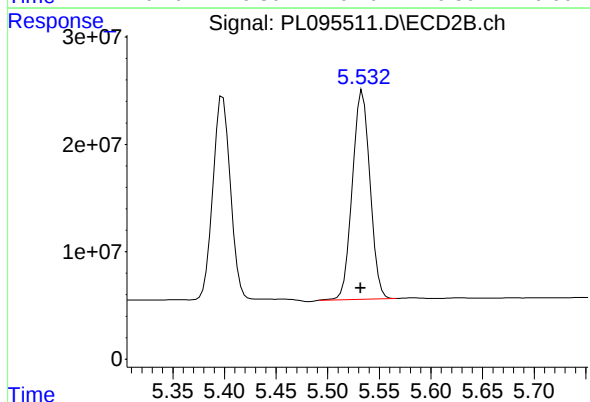
#13 Dieldrin

R.T.: 6.400 min
Delta R.T.: 0.004 min
Response: 194252729
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

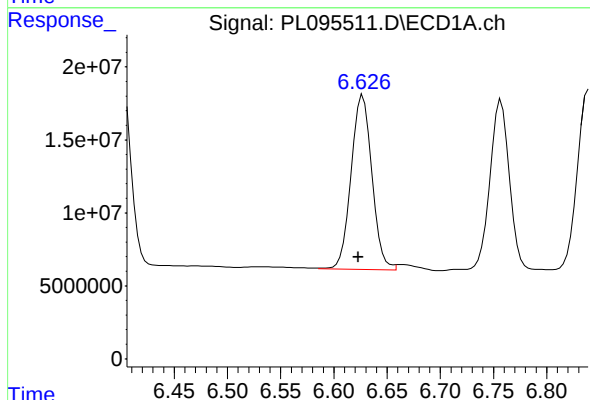
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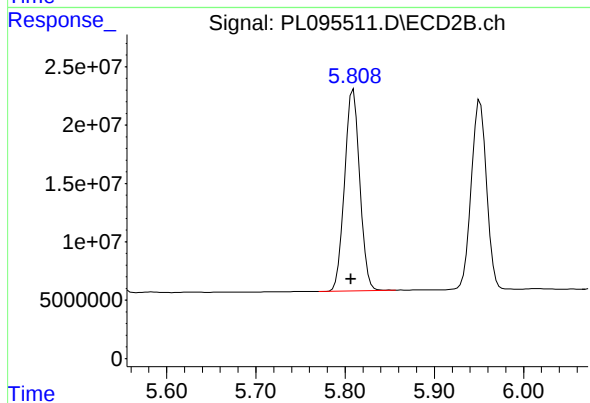
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 231500115
Conc: 56.92 ng/ml



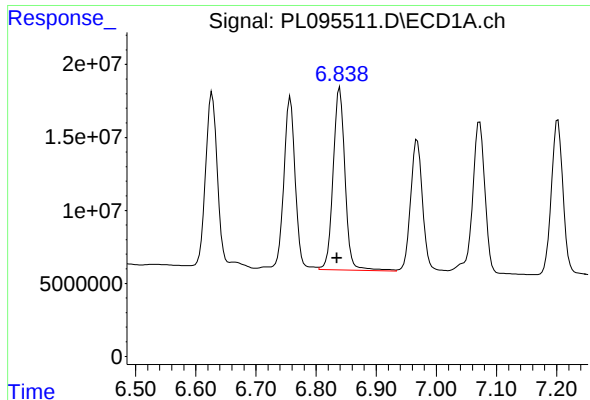
#14 Endrin

R.T.: 6.627 min
Delta R.T.: 0.004 min
Response: 161896595
Conc: 50.83 ng/ml



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 204195898
Conc: 56.09 ng/ml



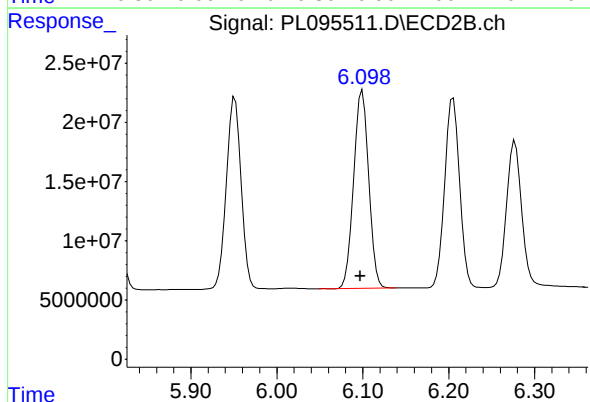
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.005 min
Response: 172621667
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

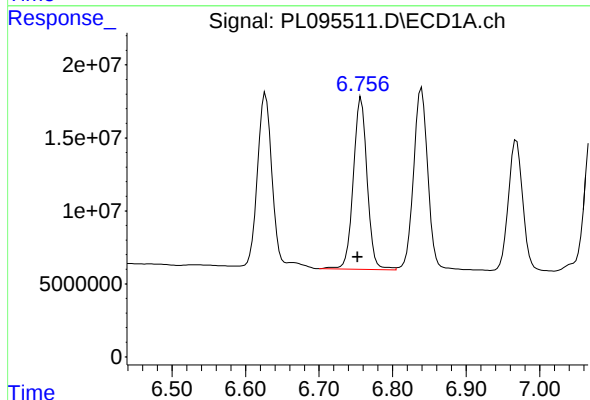
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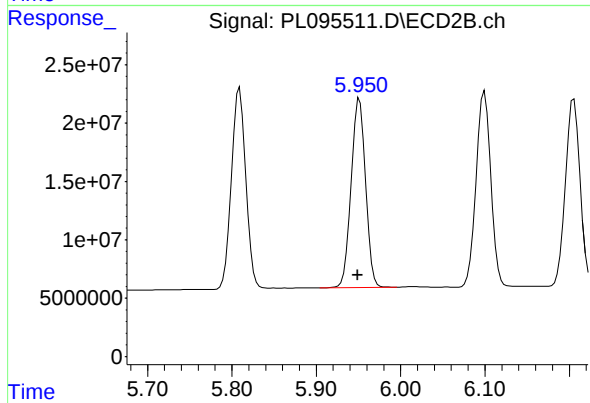
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 202332760
Conc: 56.34 ng/ml



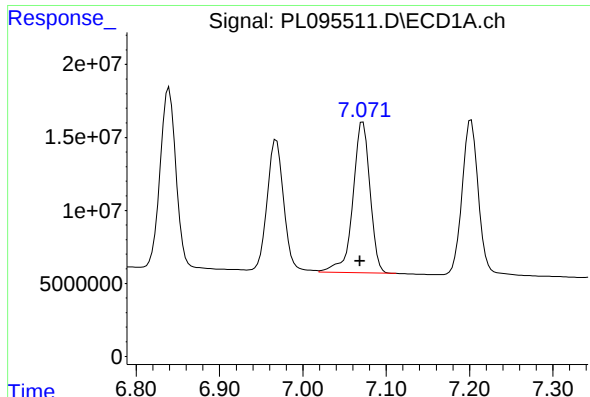
#16 4,4'-DDD

R.T.: 6.757 min
Delta R.T.: 0.004 min
Response: 154438082
Conc: 54.55 ng/ml



#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 192716917
Conc: 58.99 ng/ml



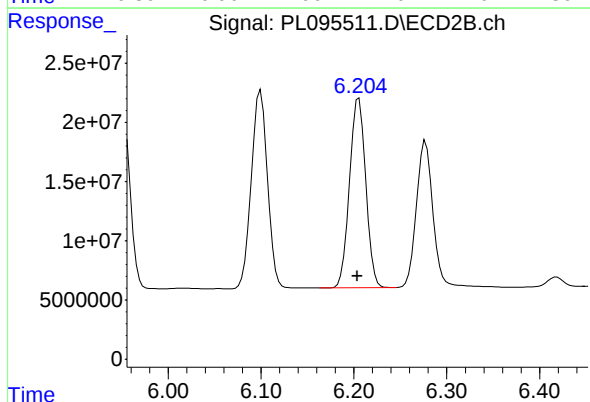
#17 4,4'-DDT

R.T.: 7.072 min
Delta R.T.: 0.003 min
Response: 147107201
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

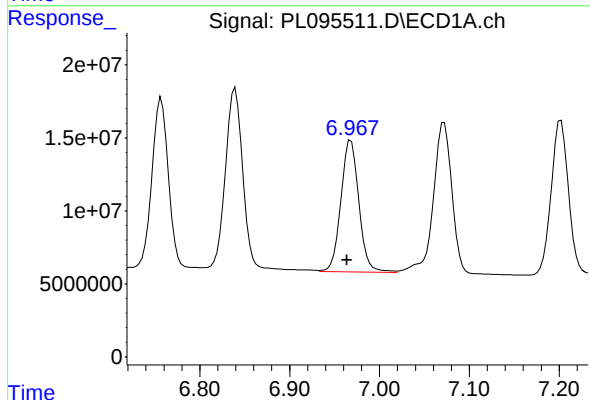
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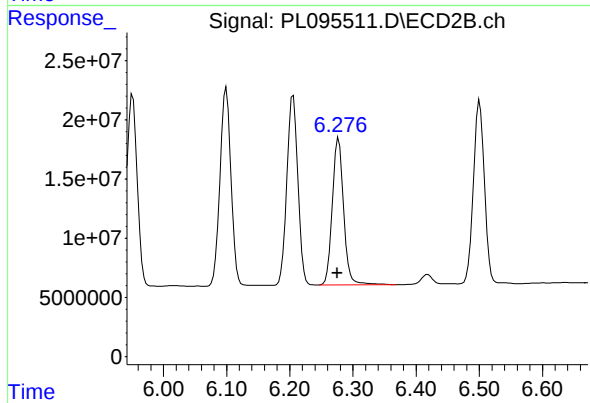
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 195175494
Conc: 56.80 ng/ml



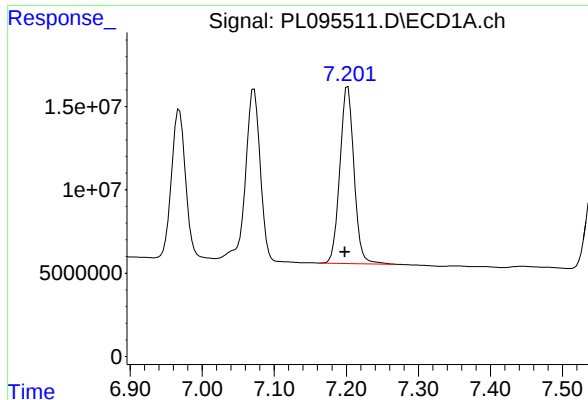
#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: 0.004 min
Response: 125772573
Conc: 54.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: 0.002 min
Response: 154597065
Conc: 59.16 ng/ml



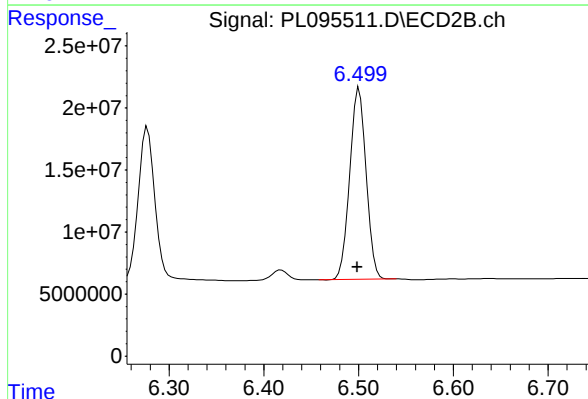
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.004 min
Response: 143937836
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

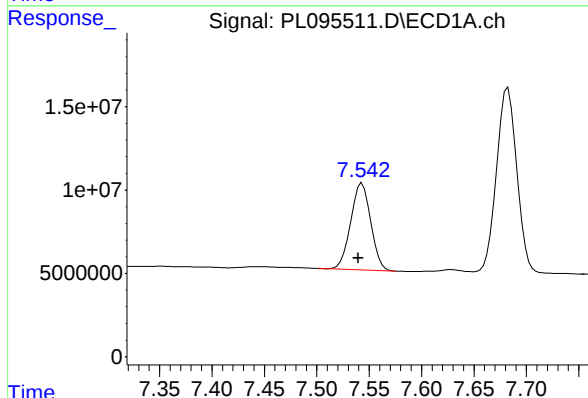
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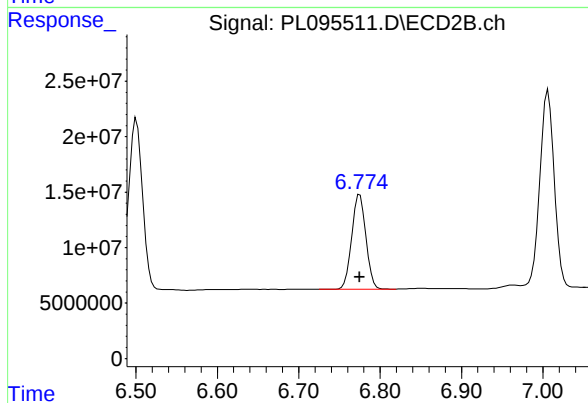
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 186156303
Conc: 56.11 ng/ml



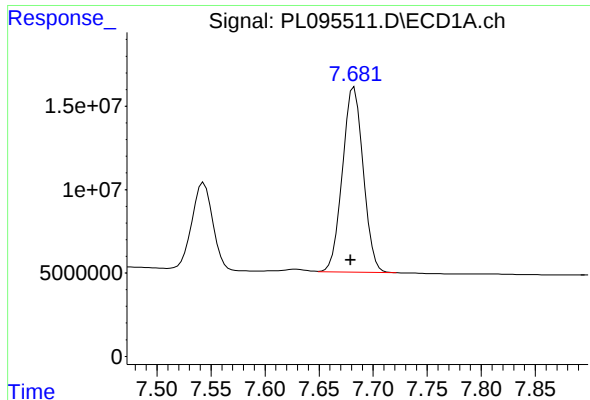
#20 Methoxychlor

R.T.: 7.543 min
Delta R.T.: 0.004 min
Response: 69306465
Conc: 49.68 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 103736650
Conc: 54.39 ng/ml



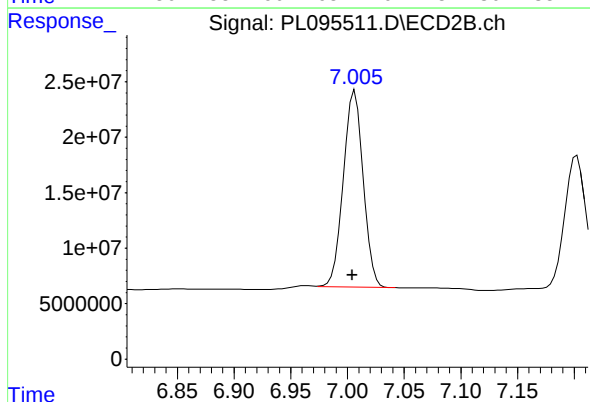
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 148536978
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

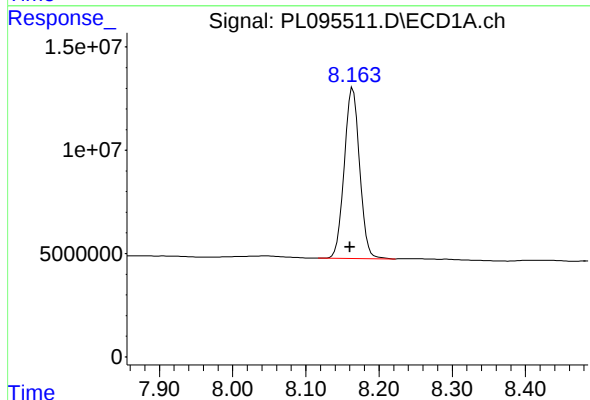
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2025
Supervised By :mohammad ahmed 05/05/2025



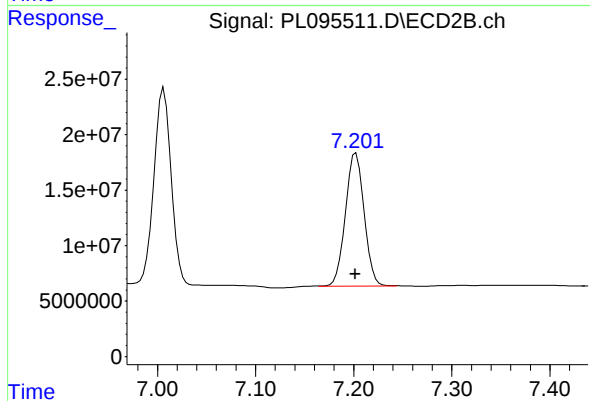
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: 0.002 min
Response: 215771318
Conc: 61.28 ng/ml



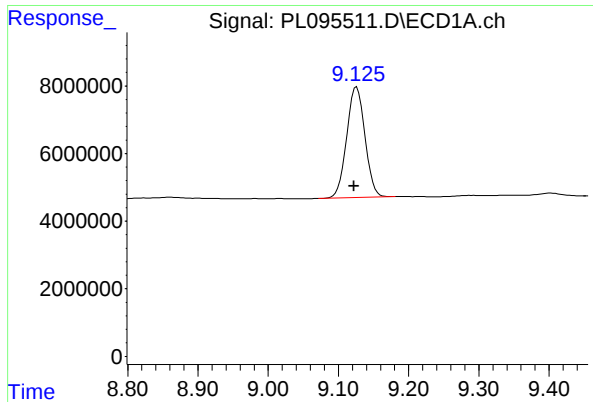
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.004 min
Response: 120532265
Conc: 50.73 ng/ml



#22 Mirex

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 158798130
Conc: 55.09 ng/ml m



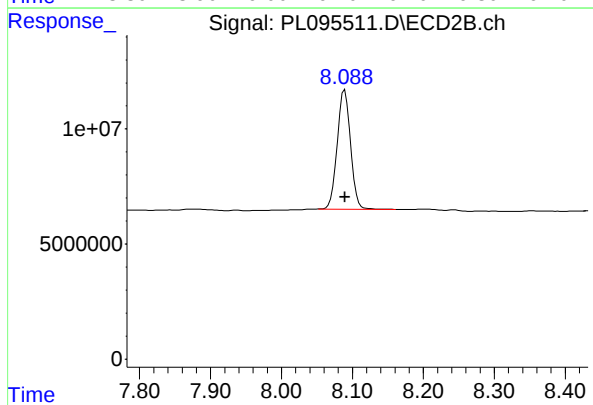
#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.004 min
Response: 59280827
Conc: 21.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167822BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2025
Supervised By :mohammad ahmed 05/05/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 67718731
Conc: 22.88 ng/ml