

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050325\
 Data File : PL095503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 14:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 00:20:42 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...	3.595	2.906	138.6E6	129.6E6	42.441	40.758
28)	SA Decachlor...	9.122	8.083	127.6E6	147.1E6	46.036	49.713
Target Compounds							
2)	A alpha-BHC	4.046	3.416	212.2E6	190.8E6	42.838	42.878
3)	MA gamma-BHC...	4.376	3.749	203.4E6	184.3E6	42.974m	41.893
4)	MA Heptachlor	4.975	4.103	199.9E6	182.5E6	43.699	41.898
5)	MB Aldrin	5.318	4.386	206.2E6	176.4E6	44.900	42.869m
6)	B beta-BHC	4.563	4.043	88612447	86097882	42.859	41.476
7)	B delta-BHC	4.810	4.279	200.8E6	187.4E6	43.187m	42.776
8)	B Heptachlo...	5.737	4.891	184.4E6	165.7E6	46.051m	42.892
9)	A Endosulfan I	6.121	5.263	175.5E6	150.6E6	46.204m	41.149
10)	B gamma-Chl...	5.992	5.142	190.6E6	175.3E6	46.728m	43.248m
11)	B alpha-Chl...	6.073	5.208	186.9E6	174.9E6	45.968m	43.921
12)	B 4,4'-DDE	6.243	5.392	180.5E6	176.5E6	46.031	43.401m
13)	MA Dieldrin	6.395	5.528	178.8E6	181.7E6	46.388	44.681
14)	MA Endrin	6.621	5.803	151.8E6	160.4E6	47.667m	44.050
15)	B Endosulfa...	6.833	6.094	152.9E6	164.0E6	47.903m	45.663
16)	A 4,4'-DDD	6.751	5.946	136.4E6	145.2E6	48.166m	44.454
17)	MA 4,4'-DDT	7.068	6.199	141.8E6	156.0E6	49.796	45.394
18)	B Endrin al...	6.962	6.271	110.3E6	119.5E6	47.527m	45.738
19)	B Endosulfa...	7.198	6.495	134.1E6	150.8E6	47.845	45.452
20)	A Methoxychlor	7.539	6.770	66112964	86466645	47.388	45.332
21)	B Endrin ke...	7.679	7.001	138.1E6	172.0E6	48.447	48.845
22)	Mirex	8.161	7.195	113.1E6	138.8E6	47.603	48.137m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050325\
Data File : PL095503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 14:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

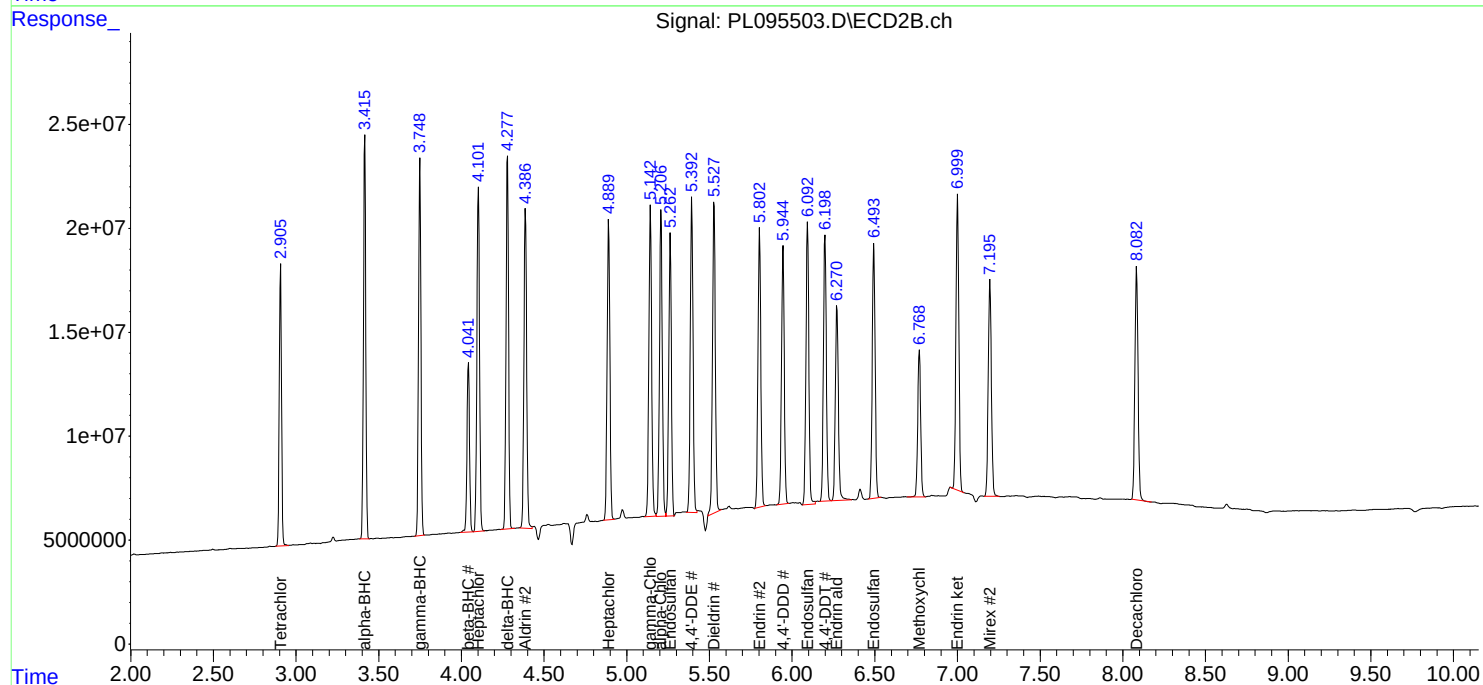
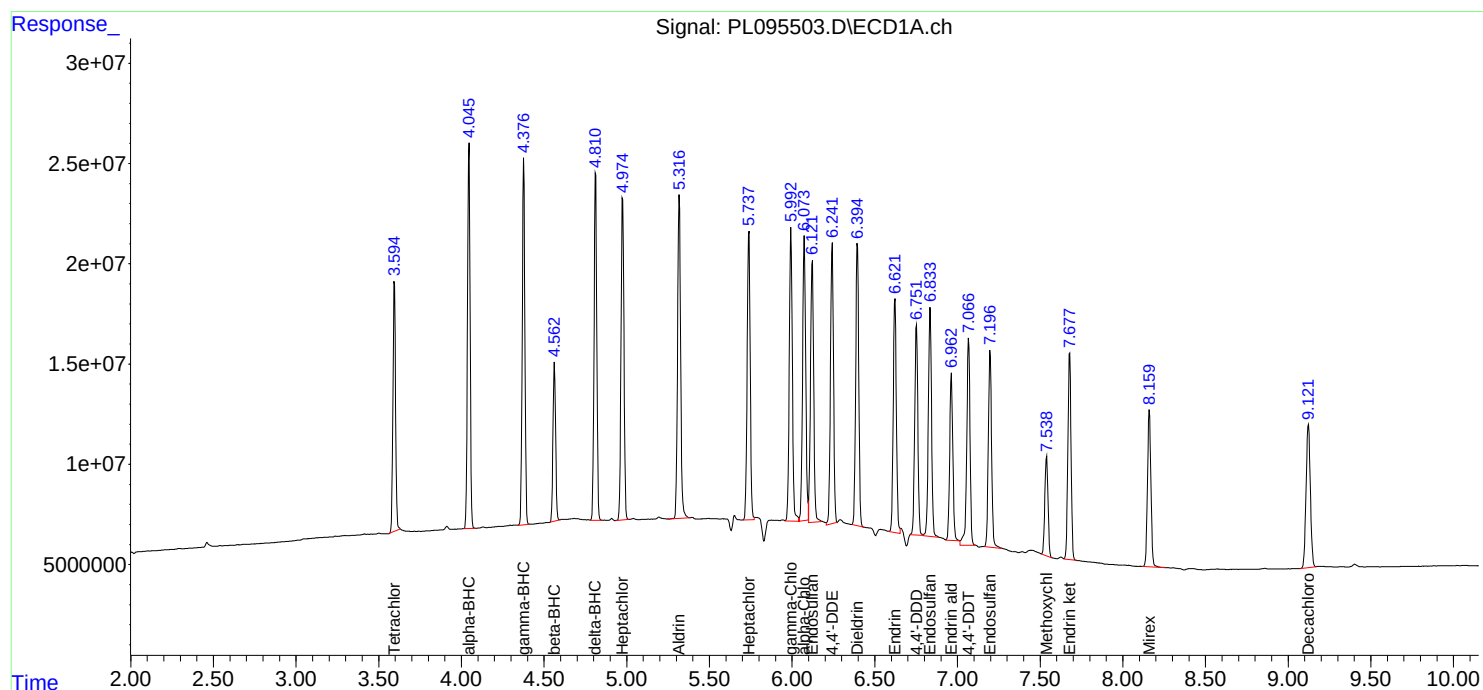
APPROVED

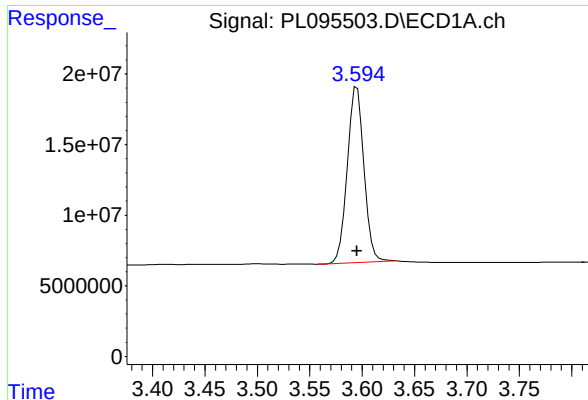
Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 00:20:42 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





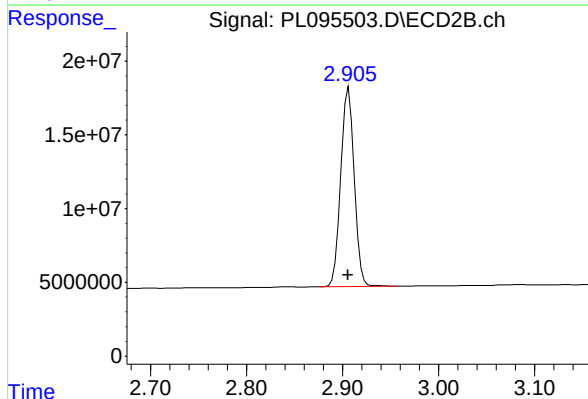
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 138554380
Conc: 42.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

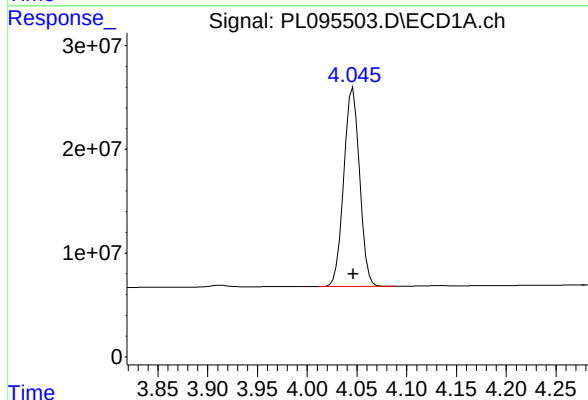
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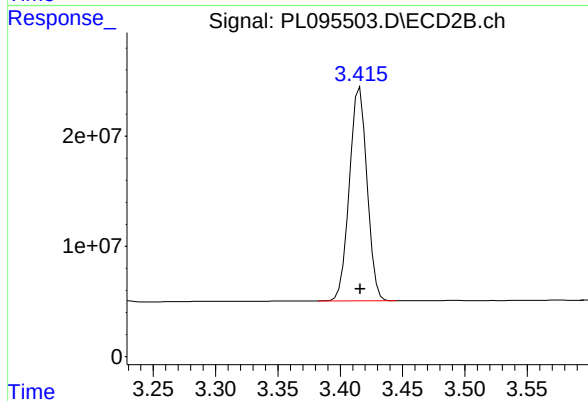
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 129599939
Conc: 40.76 ng/ml



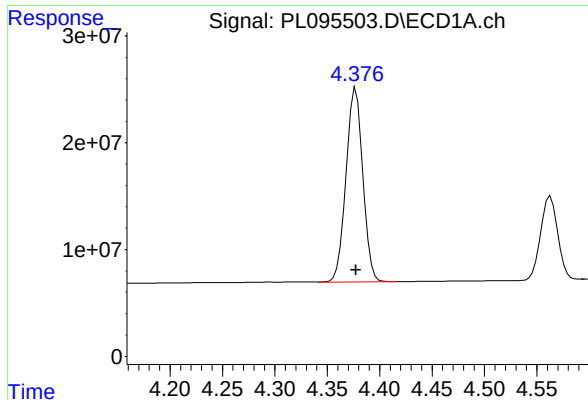
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 212208309
Conc: 42.84 ng/ml



#2 alpha-BHC

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 190751255
Conc: 42.88 ng/ml



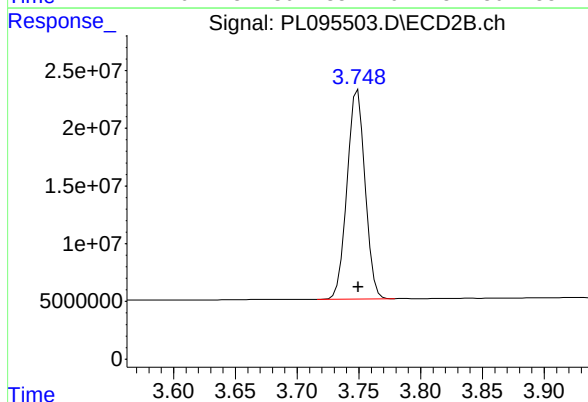
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 203435984
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

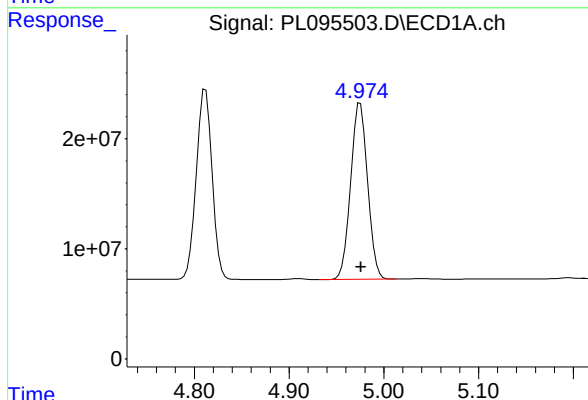
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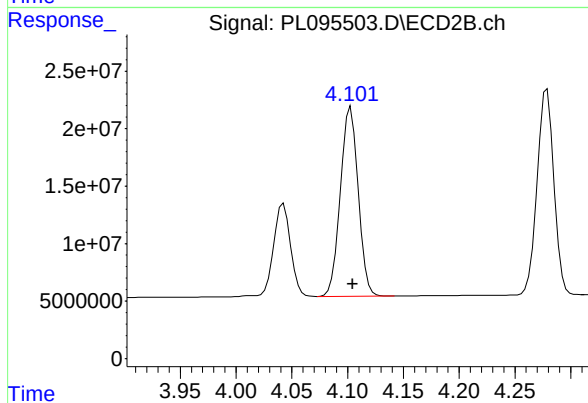
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 184255897
Conc: 41.89 ng/ml



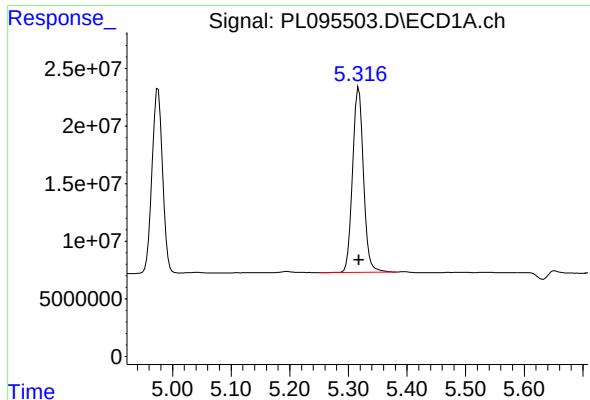
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 199899501
Conc: 43.70 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.002 min
Response: 182537649
Conc: 41.90 ng/ml



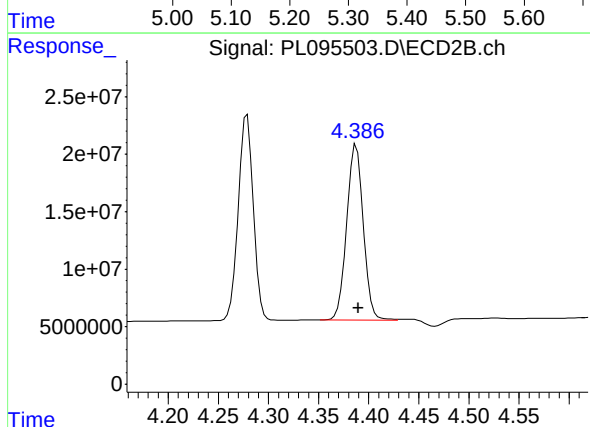
#5 Aldrin

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 206225497
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

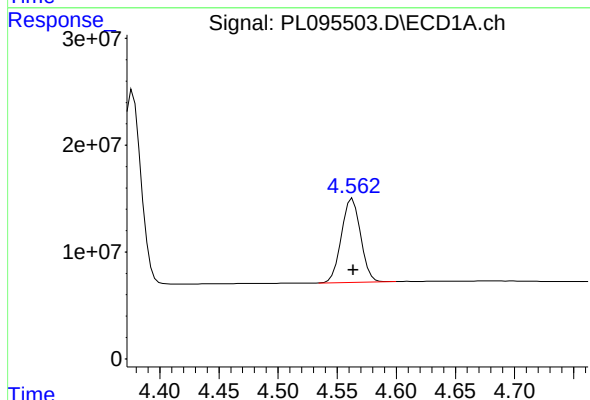
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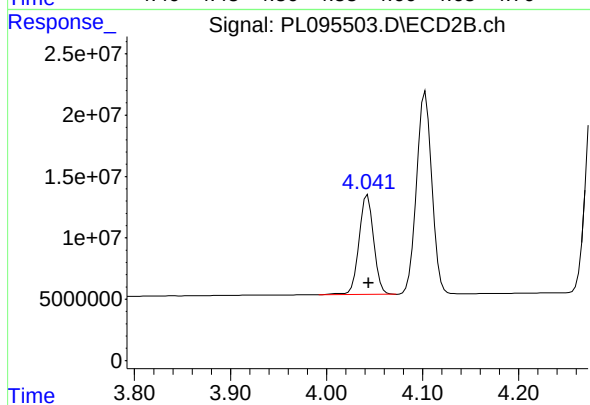
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: -0.004 min
Response: 176433719
Conc: 42.87 ng/ml m



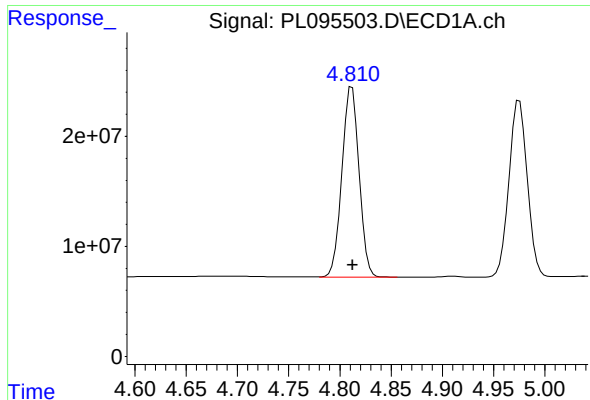
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 88612447
Conc: 42.86 ng/ml



#6 beta-BHC

R.T.: 4.043 min
Delta R.T.: -0.001 min
Response: 86097882
Conc: 41.48 ng/ml



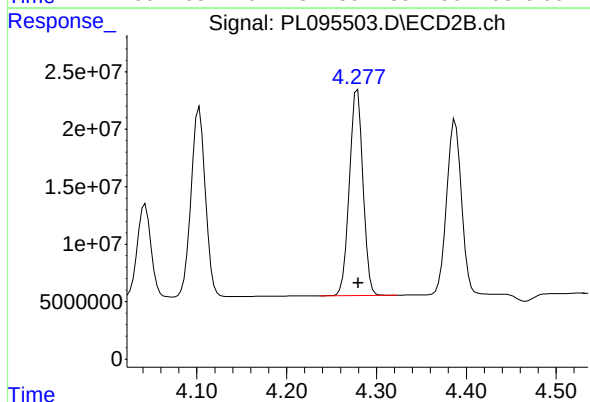
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 200849187
Conc: 43.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

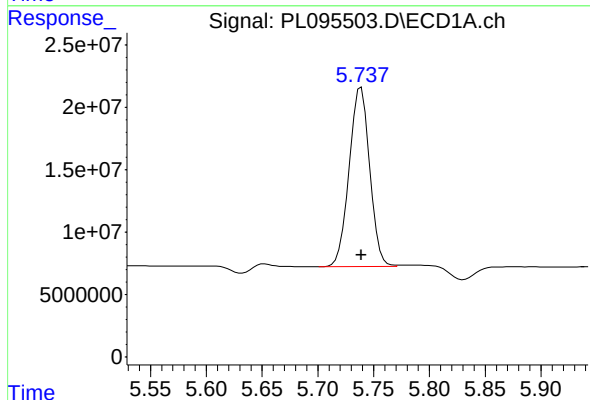
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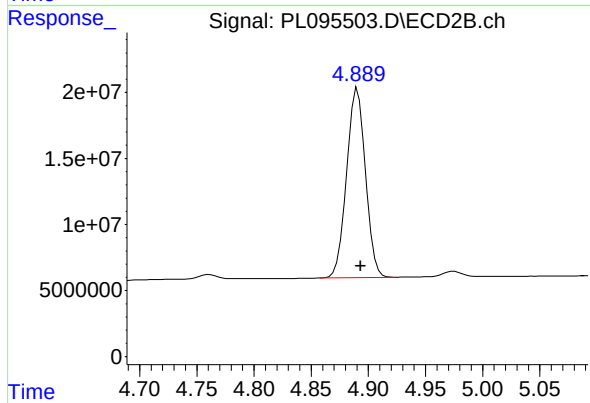
#7 delta-BHC

R.T.: 4.279 min
Delta R.T.: -0.001 min
Response: 187442852
Conc: 42.78 ng/ml



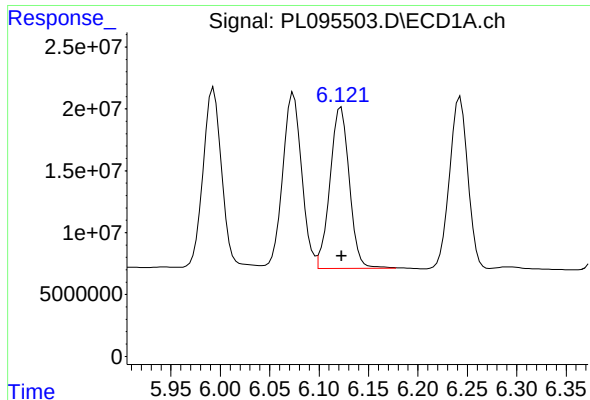
#8 Heptachlor epoxide

R.T.: 5.737 min
Delta R.T.: -0.002 min
Response: 184443086
Conc: 46.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 165676829
Conc: 42.89 ng/ml



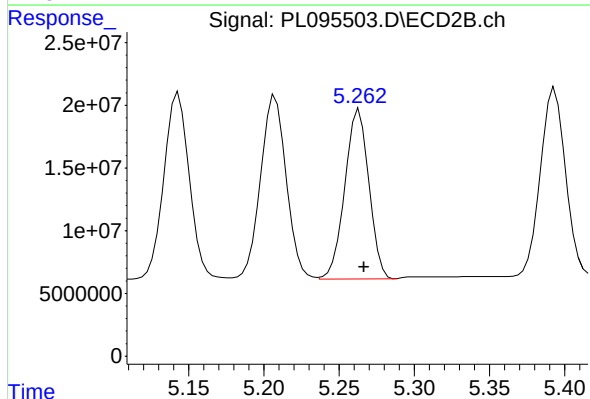
#9 Endosulfan I

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 175460115
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

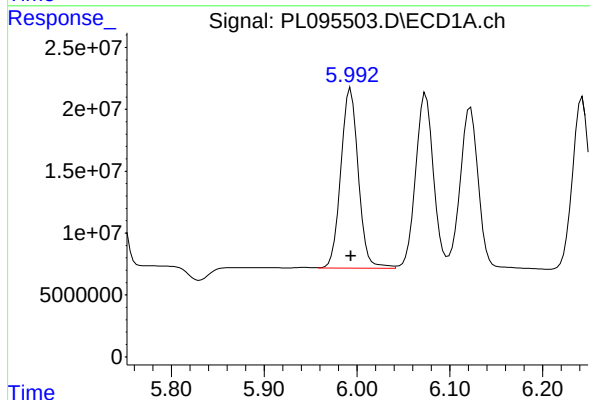
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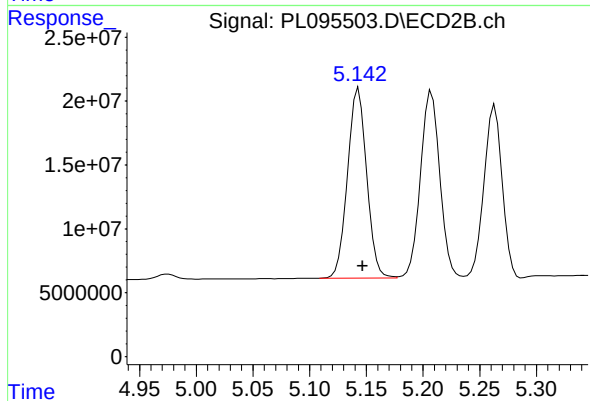
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 150623173
Conc: 41.15 ng/ml



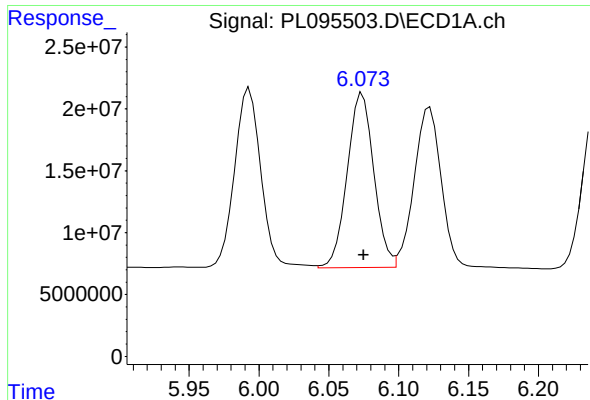
#10 gamma-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 190621945
Conc: 46.73 ng/ml m



#10 gamma-Chlordane

R.T.: 5.142 min
Delta R.T.: -0.005 min
Response: 175268373
Conc: 43.25 ng/ml m



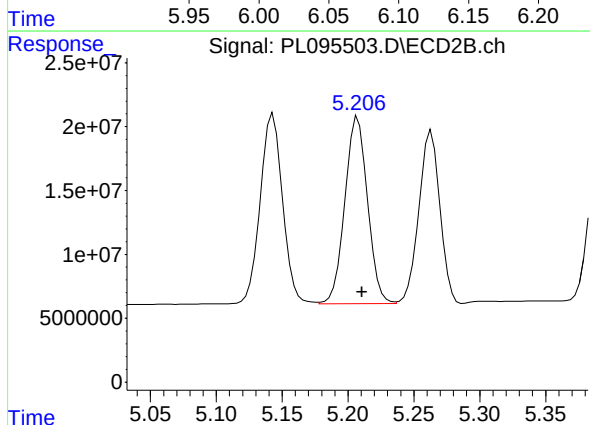
#11 alpha-Chlordane

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 186909131
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

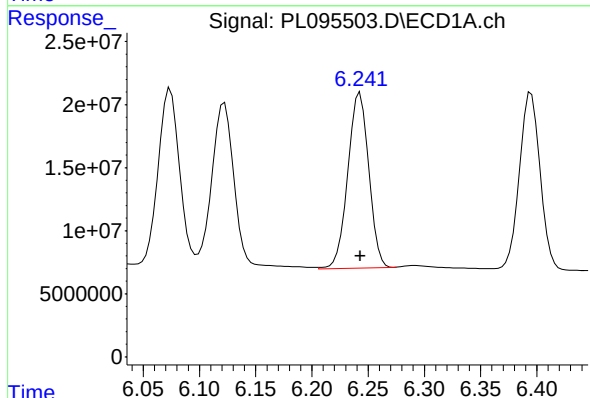
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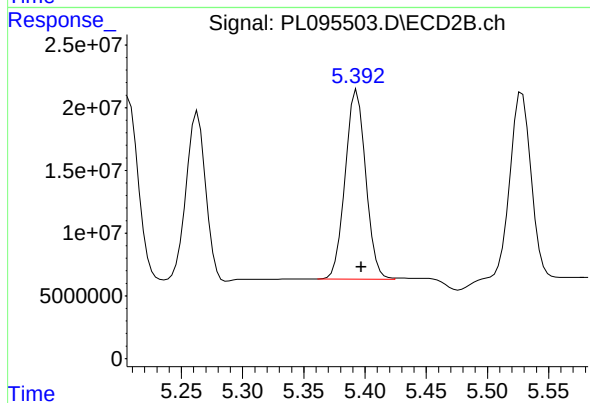
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 174853072
Conc: 43.92 ng/ml



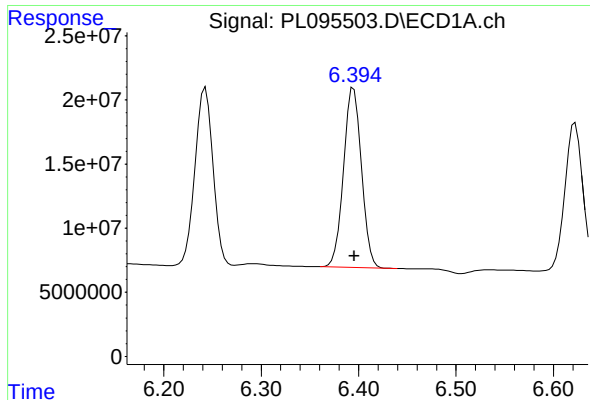
#12 4,4'-DDE

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 180465019
Conc: 46.03 ng/ml



#12 4,4'-DDE

R.T.: 5.392 min
Delta R.T.: -0.005 min
Response: 176510465
Conc: 43.40 ng/ml m



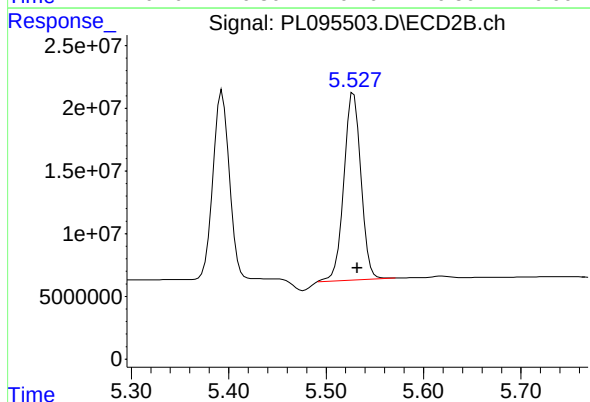
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 178815302
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

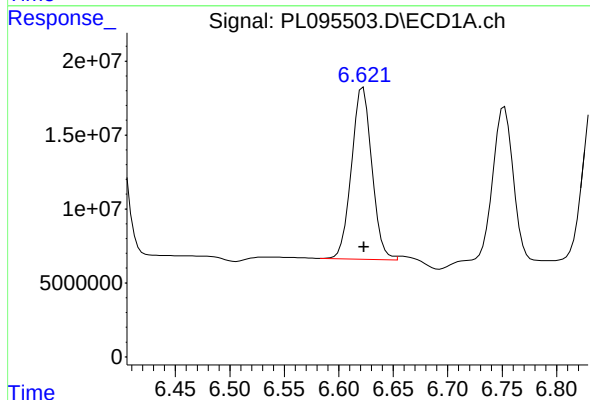
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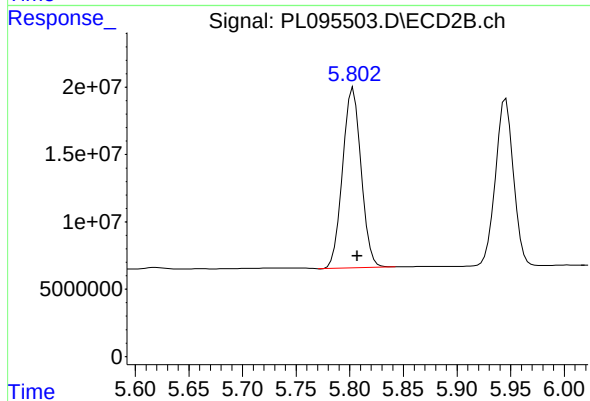
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 181721620
Conc: 44.68 ng/ml



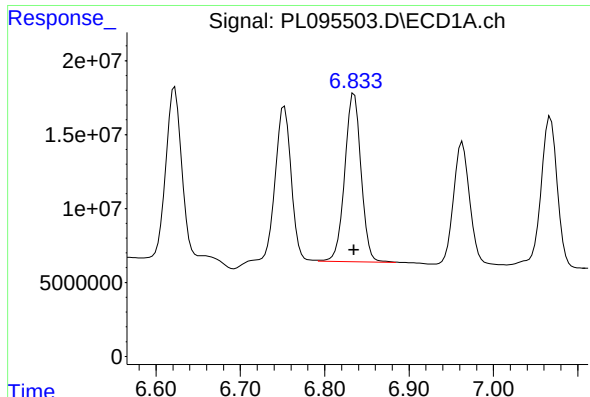
#14 Endrin

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 151808844
Conc: 47.67 ng/ml m



#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 160374191
Conc: 44.05 ng/ml



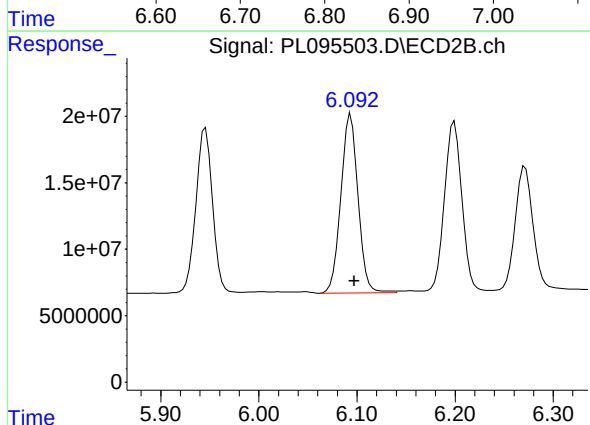
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 152915024
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

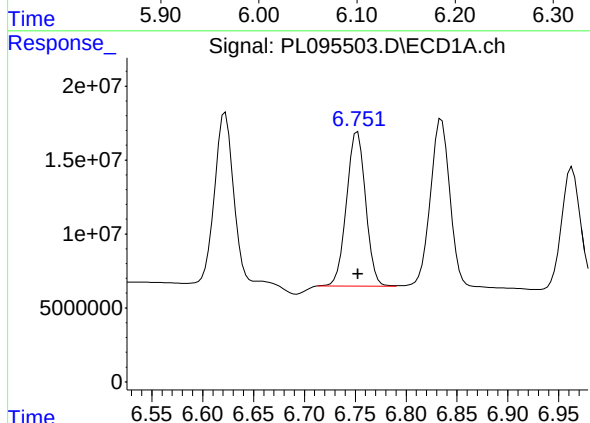
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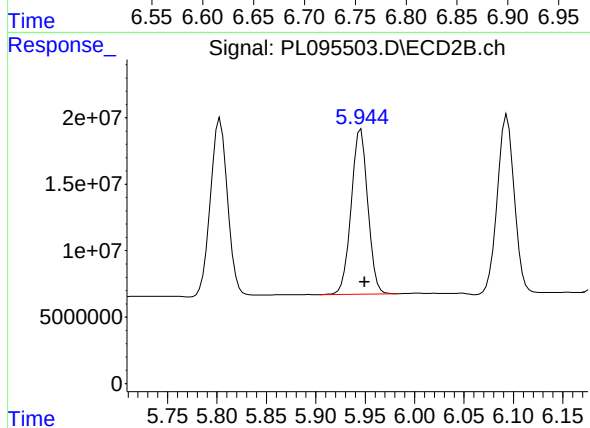
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 163980168
Conc: 45.66 ng/ml



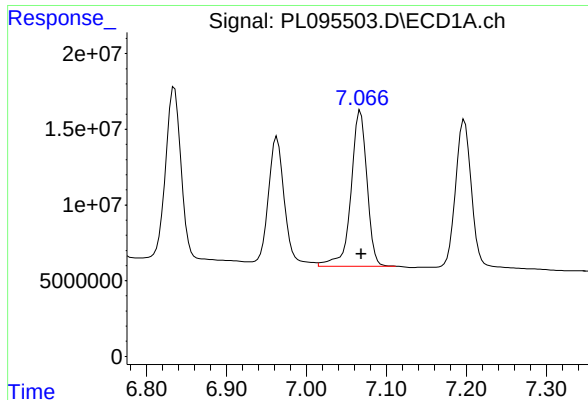
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 136354915
Conc: 48.17 ng/ml m



#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: -0.004 min
Response: 145220870
Conc: 44.45 ng/ml



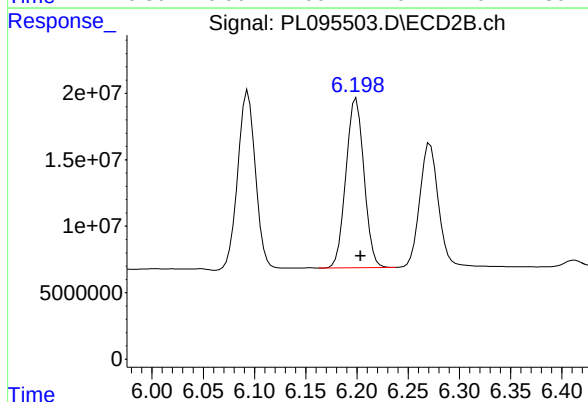
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 141848612
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

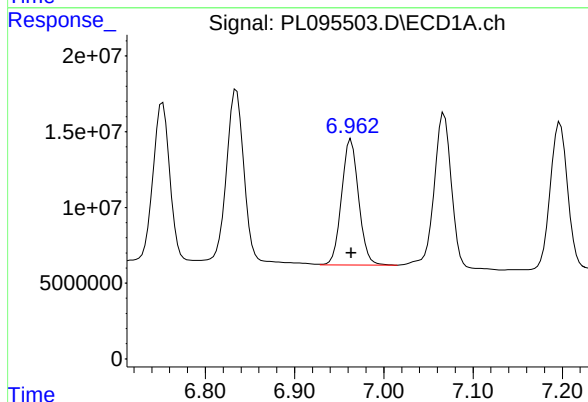
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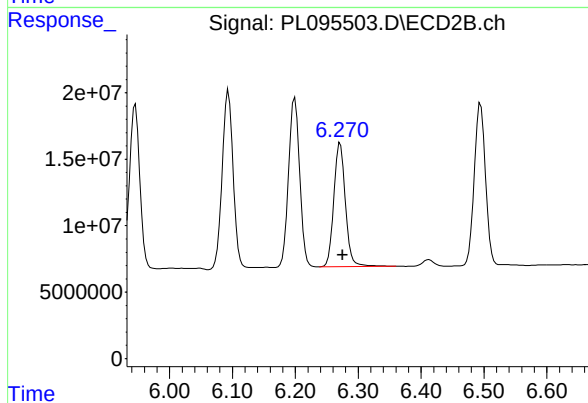
#17 4,4'-DDT

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 155980616
Conc: 45.39 ng/ml



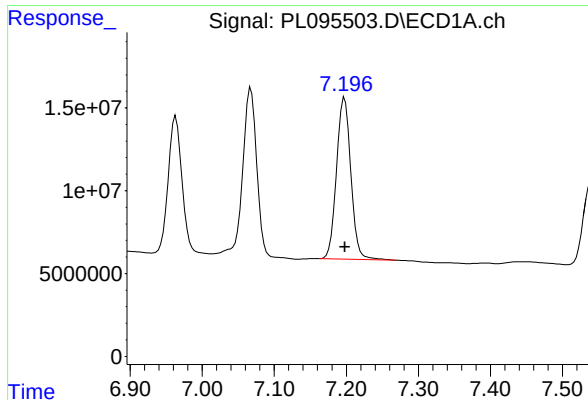
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: -0.002 min
Response: 110300365
Conc: 47.53 ng/ml m



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.004 min
Response: 119520336
Conc: 45.74 ng/ml



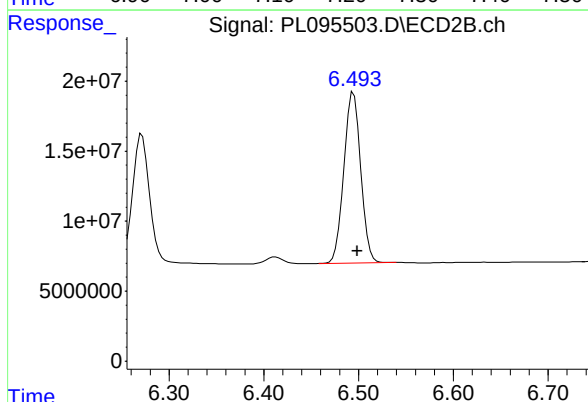
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 134050465
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

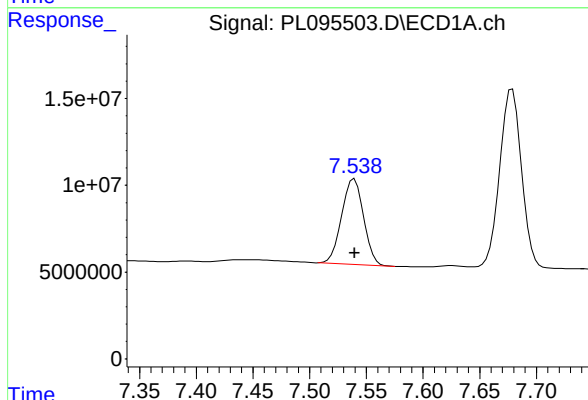
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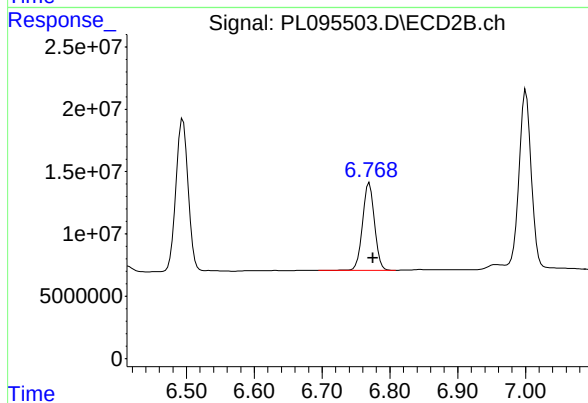
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 150807237
Conc: 45.45 ng/ml



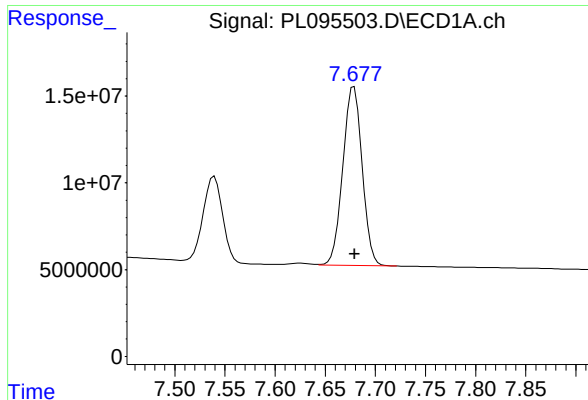
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 66112964
Conc: 47.39 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.005 min
Response: 86466645
Conc: 45.33 ng/ml



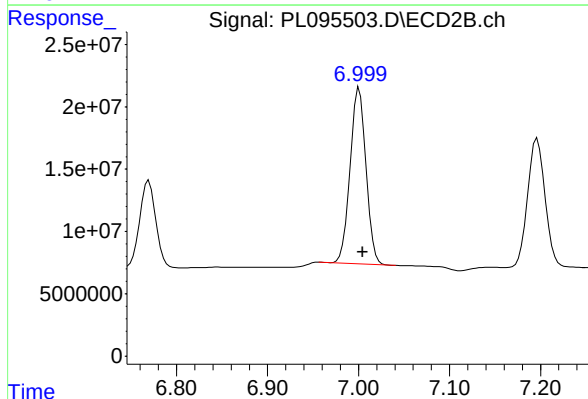
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 138117273
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

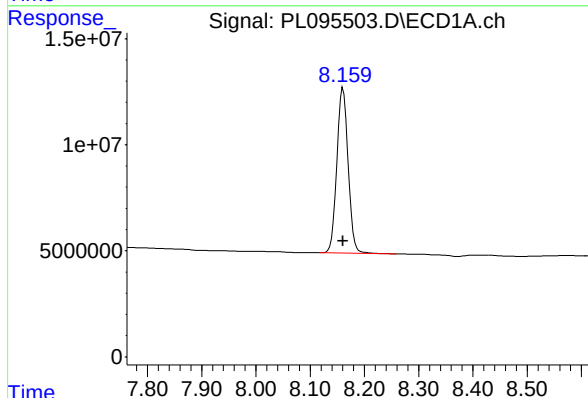
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APPROVED

Reviewed By :Abdul Mirza 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



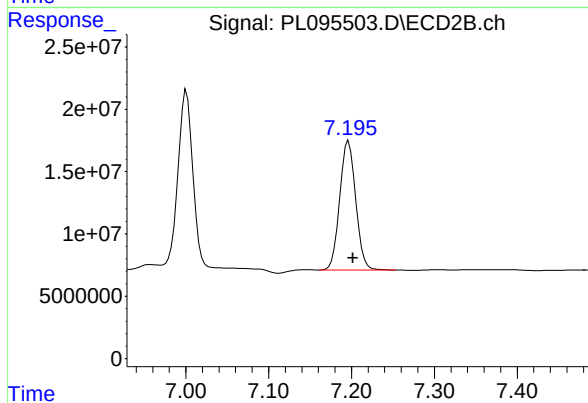
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 171995834
Conc: 48.84 ng/ml



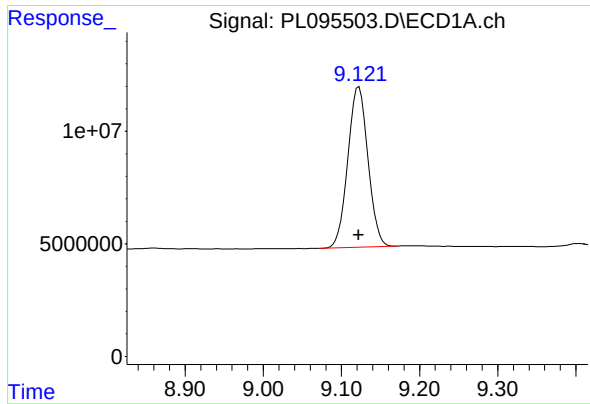
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 113107476
Conc: 47.60 ng/ml



#22 Mirex

R.T.: 7.195 min
Delta R.T.: -0.007 min
Response: 138750160
Conc: 48.14 ng/ml m



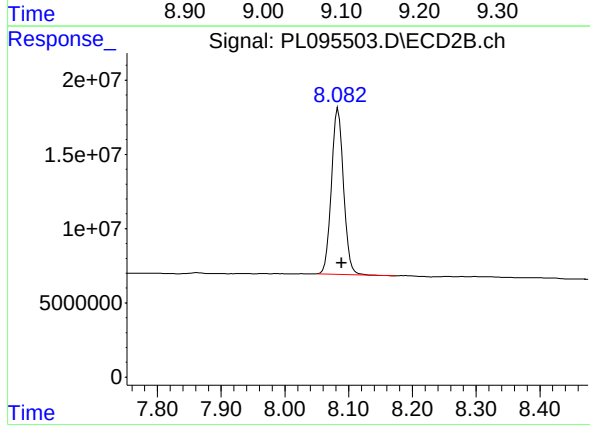
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 127555766
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.006 min
Response: 147113283
Conc: 49.71 ng/ml