

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
 Data File : PL095266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 16:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/17/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:17:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.536	2.768	159.1E6	211.2E6	57.980	56.768
28)	SA Decachlor...	9.054	7.899	137.7E6	263.9E6	57.188	59.983
Target Compounds							
2)	A alpha-BHC	3.992	3.270	197.0E6	268.8E6	49.013	48.547
3)	MA gamma-BHC...	4.325	3.599	190.1E6	254.8E6	49.425	48.418
4)	MA Heptachlor	4.913	3.936	187.5E6	265.1E6	51.128	50.978
5)	MB Aldrin	5.254	4.216	182.3E6	248.9E6	51.664	51.065
6)	B beta-BHC	4.524	3.900	85965533	111.4E6	49.031	48.063
7)	B delta-BHC	4.770	4.128	193.1E6	257.2E6	49.270m	49.739
8)	B Heptachlo...	5.681	4.719	168.7E6	236.8E6	52.536	51.841
9)	A Endosulfan I	6.068	5.088	159.4E6	220.8E6	51.437	50.866
10)	B gamma-Chl...	5.937	4.968	172.4E6	249.4E6	51.616	51.784
11)	B alpha-Chl...	6.016	5.031	170.0E6	245.5E6	51.212	51.807
12)	B 4,4'-DDE	6.191	5.219	162.7E6	246.9E6	49.764	51.283m
13)	MA Dieldrin	6.342	5.352	168.6E6	252.7E6	51.180	52.653
14)	MA Endrin	6.571	5.627	141.2E6	226.8E6	54.199m	54.282
15)	B Endosulfa...	6.793	5.923	143.5E6	226.2E6	50.305	51.512
16)	A 4,4'-DDD	6.708	5.776	126.9E6	202.0E6	49.963	51.928
17)	MA 4,4'-DDT	7.023	6.025	126.8E6	214.0E6	49.817	51.364
18)	B Endrin al...	6.923	6.102	106.4E6	168.5E6	48.358	50.002
19)	B Endosulfa...	7.158	6.325	127.2E6	218.9E6	49.516	52.405
20)	A Methoxychlor	7.499	6.599	65713169	115.7E6	49.060	51.506m
21)	B Endrin ke...	7.643	6.829	139.1E6	255.7E6	48.180	50.705m
22)	Mirex	8.115	7.009	106.8E6	196.8E6	50.227	50.044

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
Data File : PL095266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2025 16:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

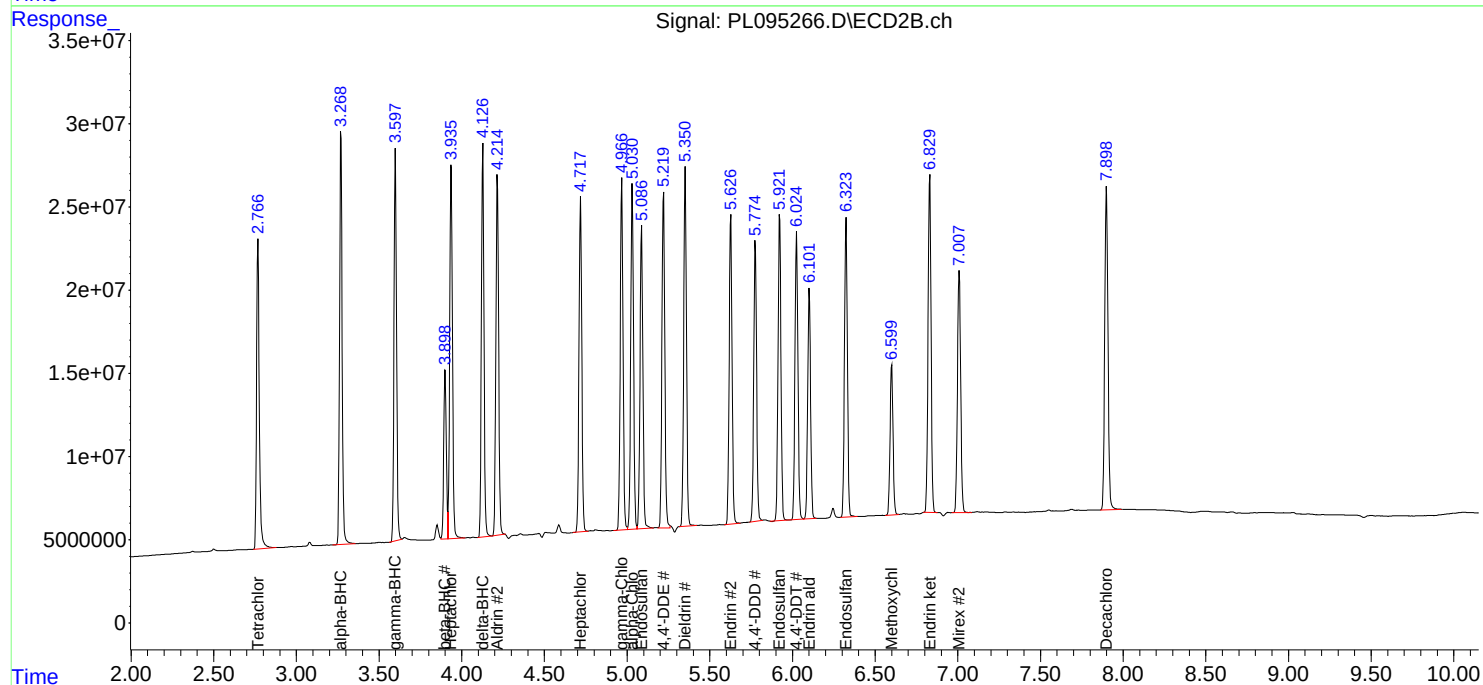
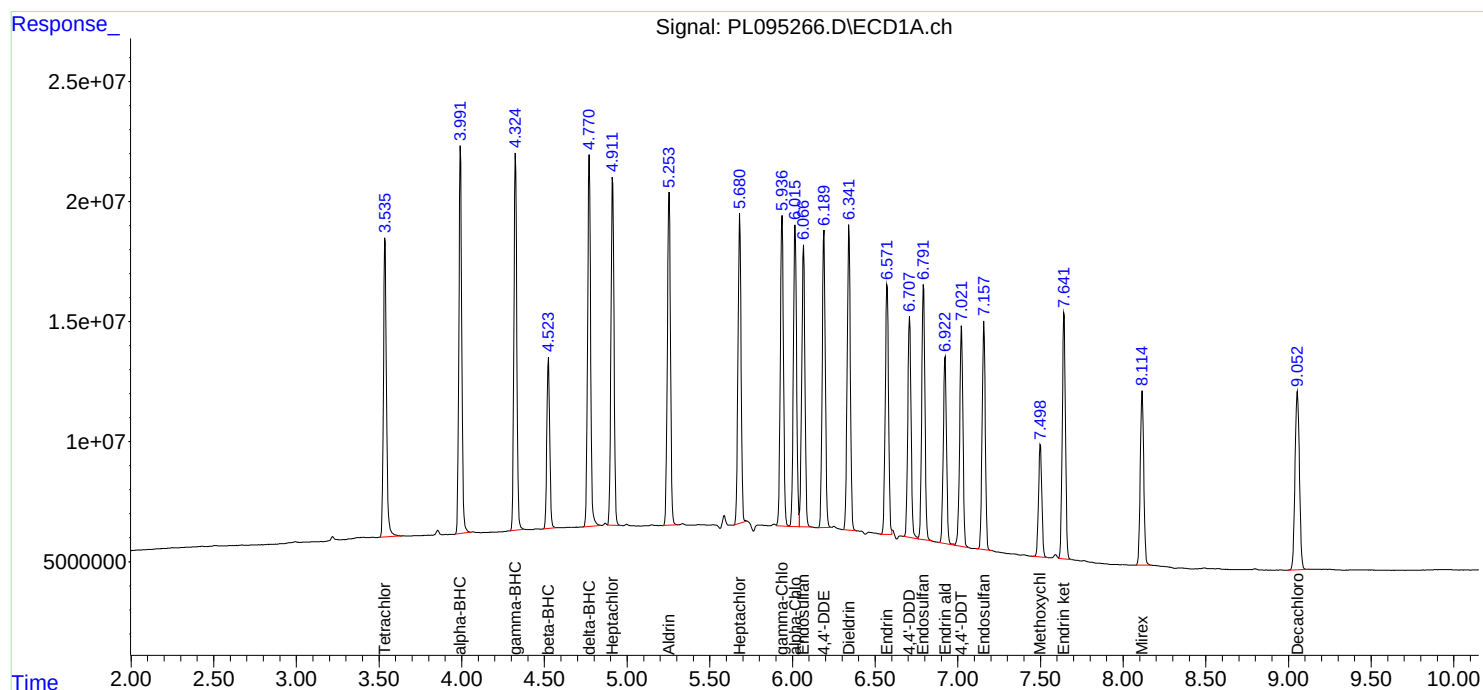
APPROVED

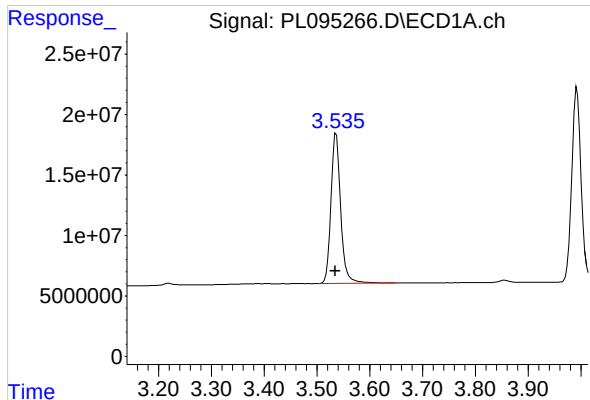
Reviewed By :Abdul Mirza 04/17/2025

Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 01:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





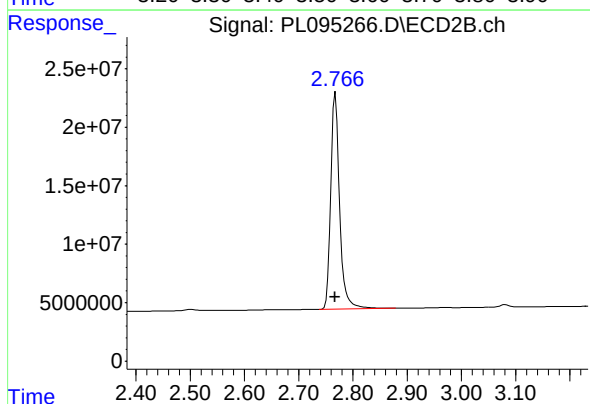
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 159056336
Conc: 57.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

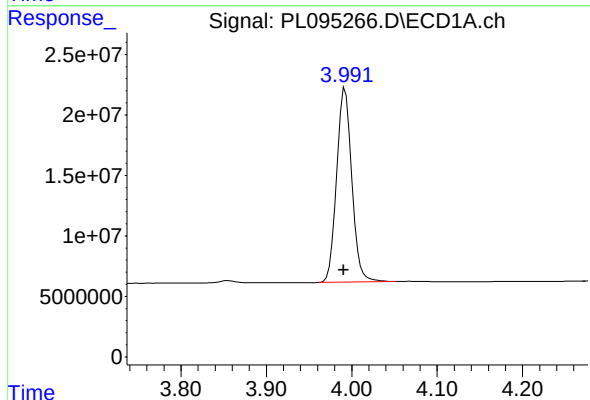
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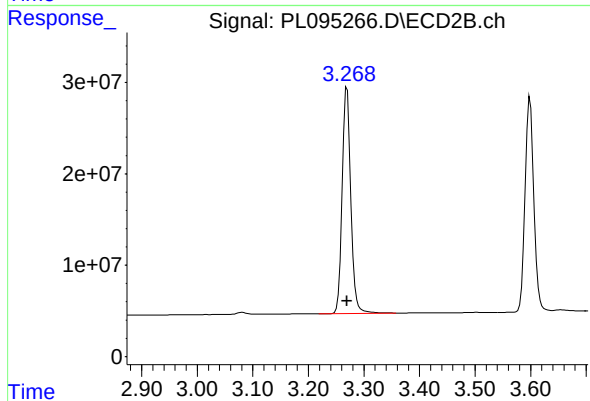
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 211246517
Conc: 56.77 ng/ml



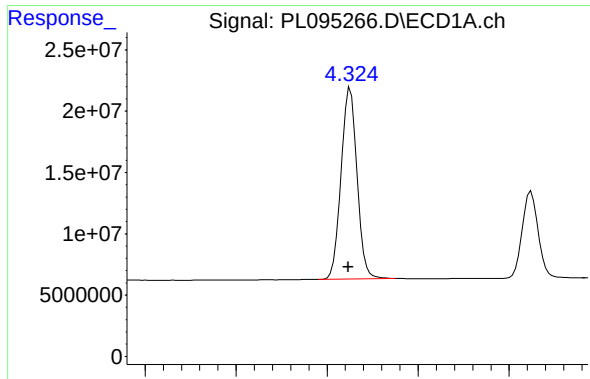
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.002 min
Response: 196989631
Conc: 49.01 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 268825488
Conc: 48.55 ng/ml



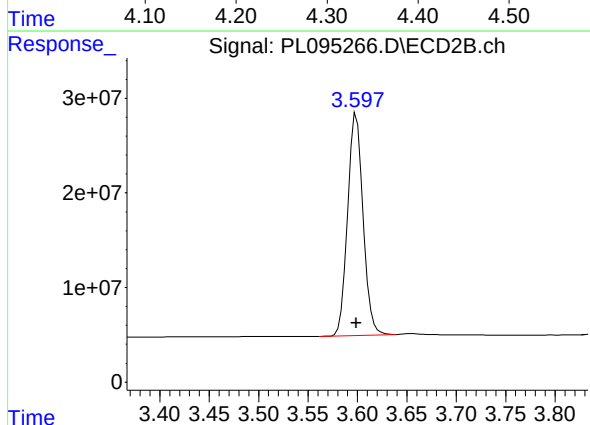
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 190068720
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

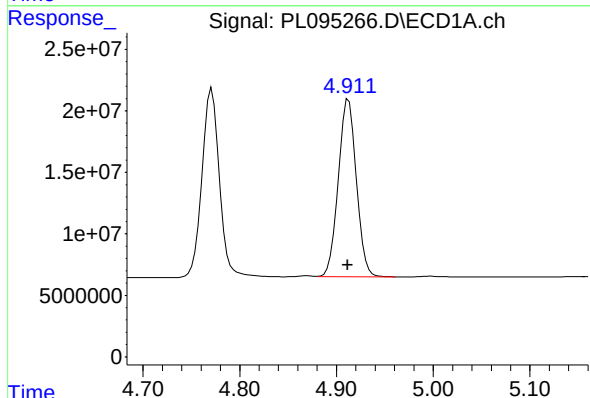
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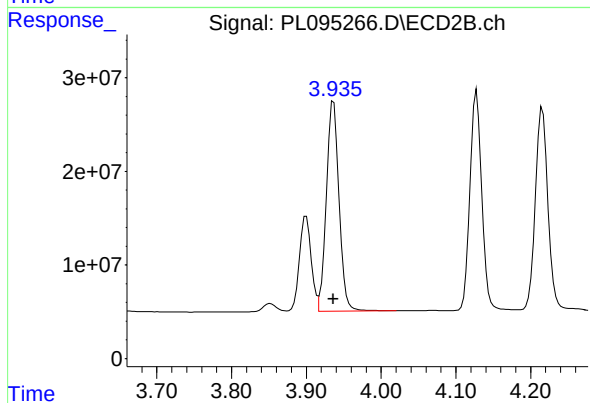
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 254832312
Conc: 48.42 ng/ml



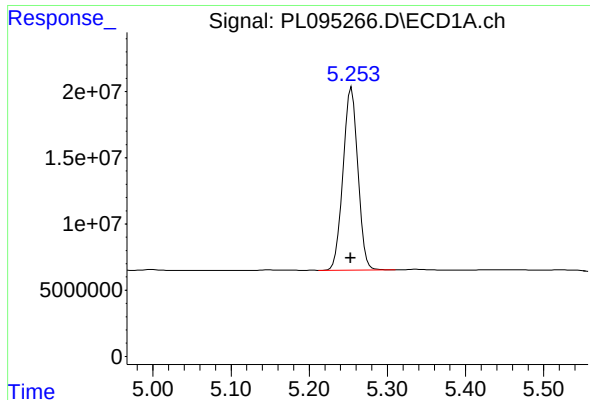
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.001 min
Response: 187457818
Conc: 51.13 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 265060391
Conc: 50.98 ng/ml



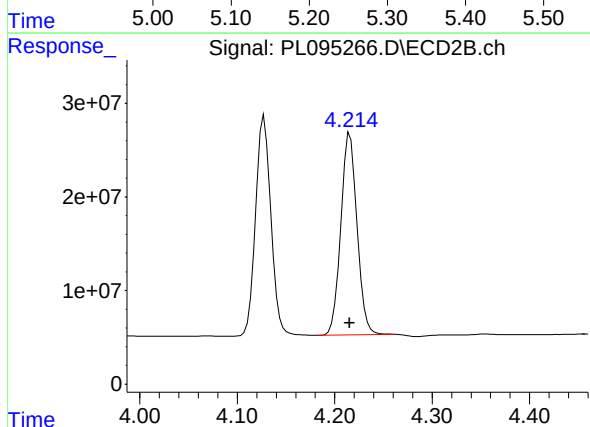
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 182327497
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

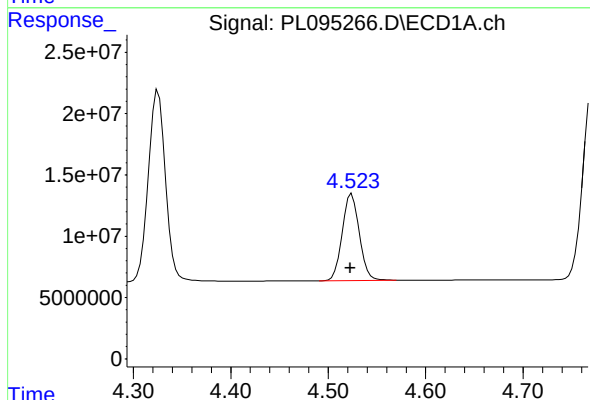
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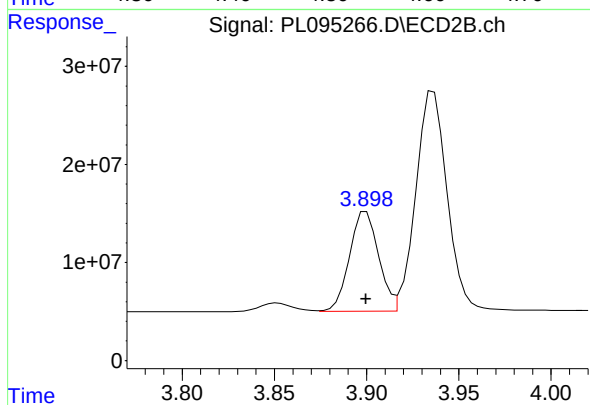
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 248868442
Conc: 51.07 ng/ml



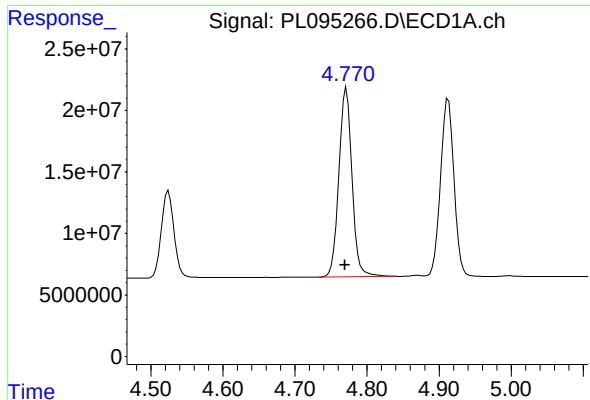
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.001 min
Response: 85965533
Conc: 49.03 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 111368202
Conc: 48.06 ng/ml



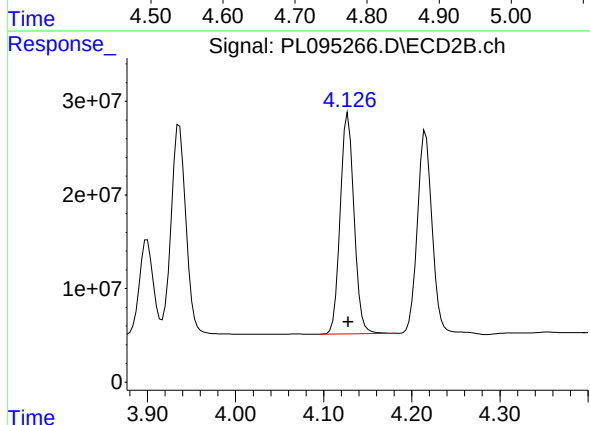
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 193073461
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

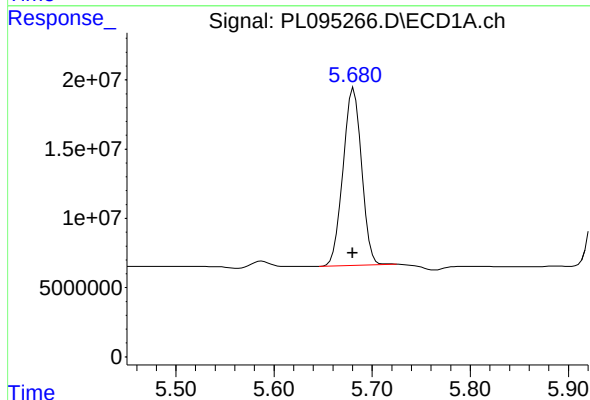
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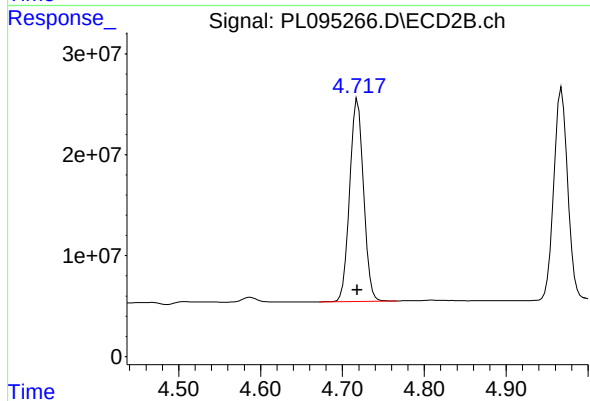
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 257153372
Conc: 49.74 ng/ml



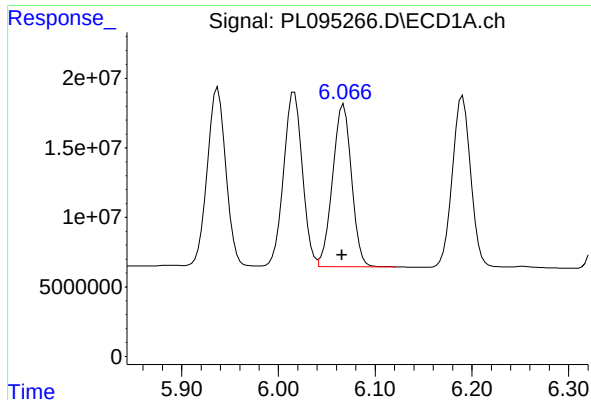
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.001 min
Response: 168680594
Conc: 52.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 236845024
Conc: 51.84 ng/ml



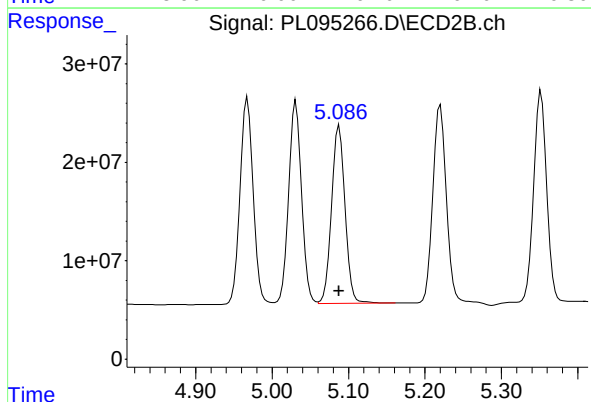
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 159374231
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

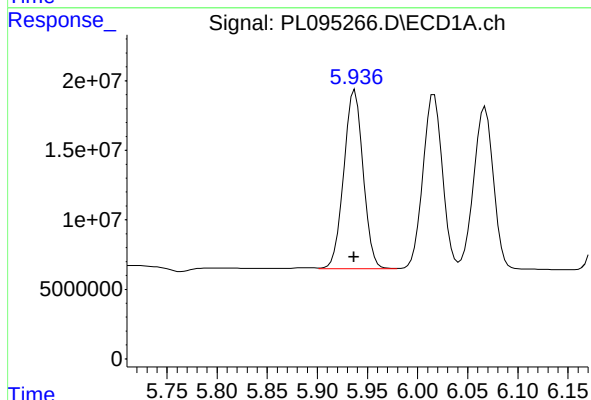
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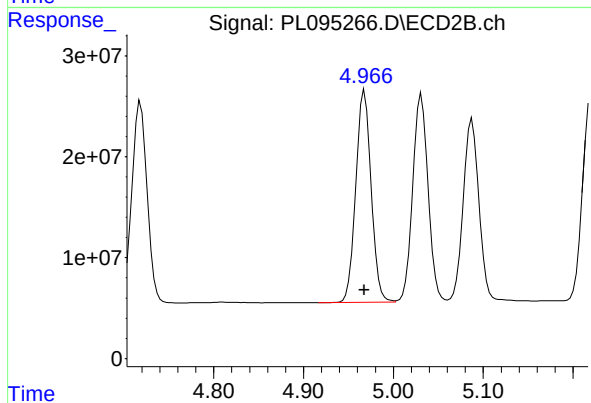
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 220802212
Conc: 50.87 ng/ml



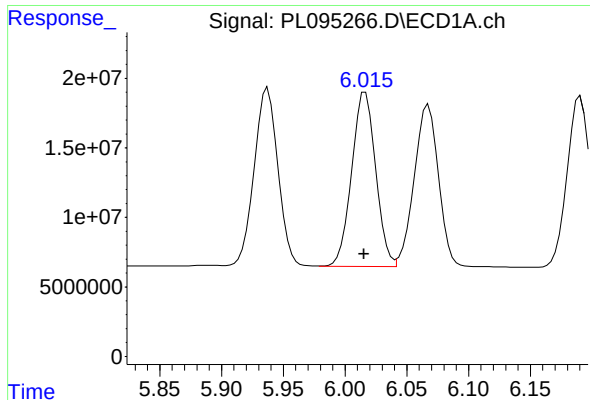
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 172420494
Conc: 51.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 249432251
Conc: 51.78 ng/ml



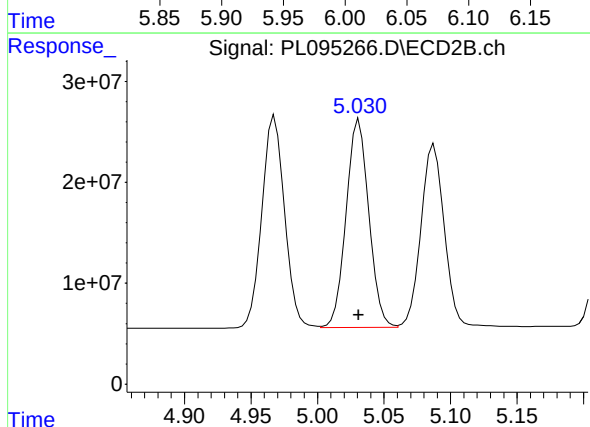
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.001 min
Response: 169996240
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

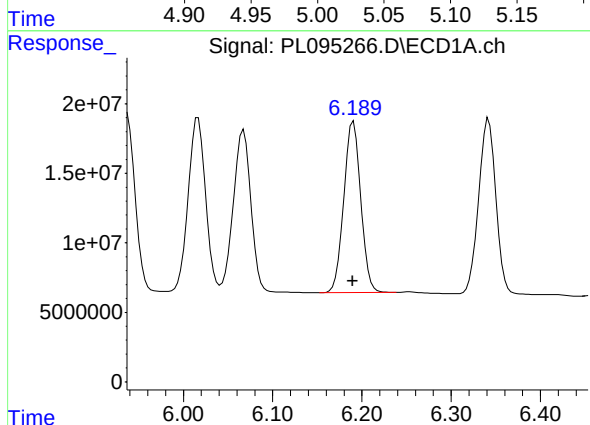
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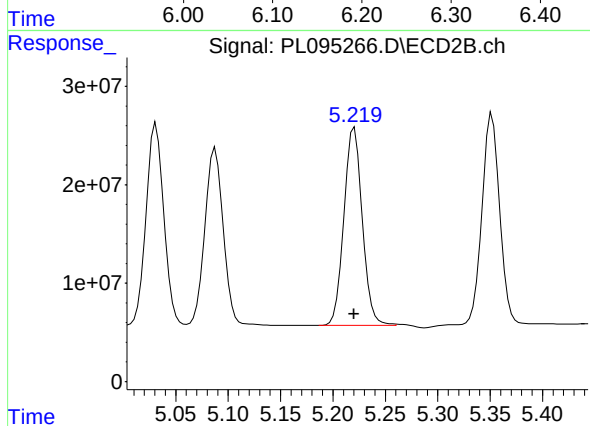
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 245545442
Conc: 51.81 ng/ml



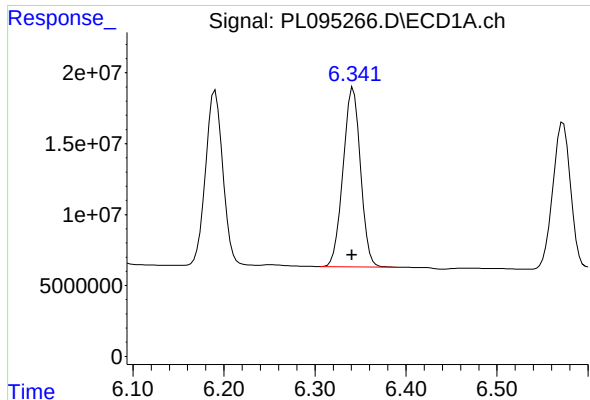
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 162722274
Conc: 49.76 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.001 min
Response: 246913912
Conc: 51.28 ng/ml m



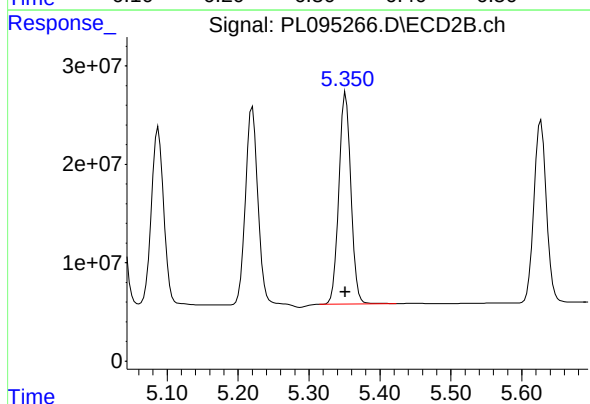
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.001 min
Response: 168644349
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

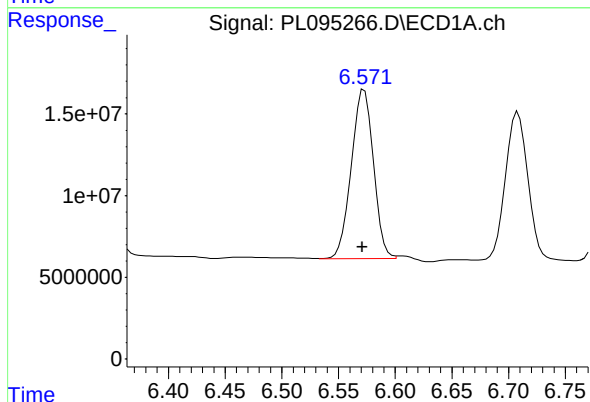
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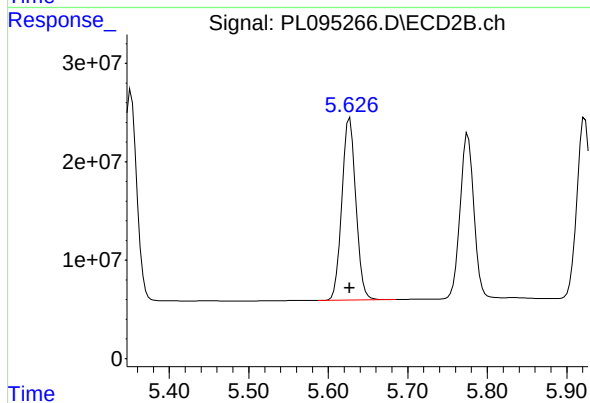
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 252739356
Conc: 52.65 ng/ml



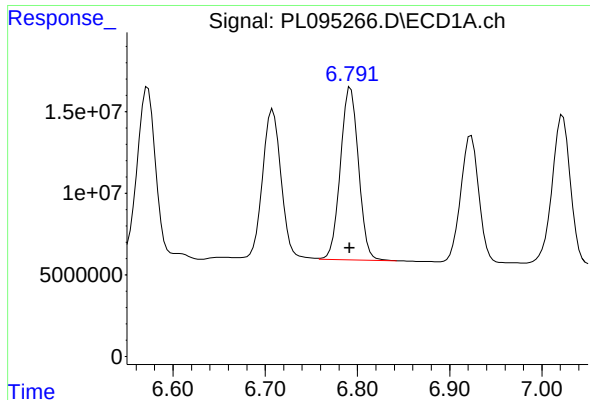
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 141249509
Conc: 54.20 ng/ml m



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 226758621
Conc: 54.28 ng/ml



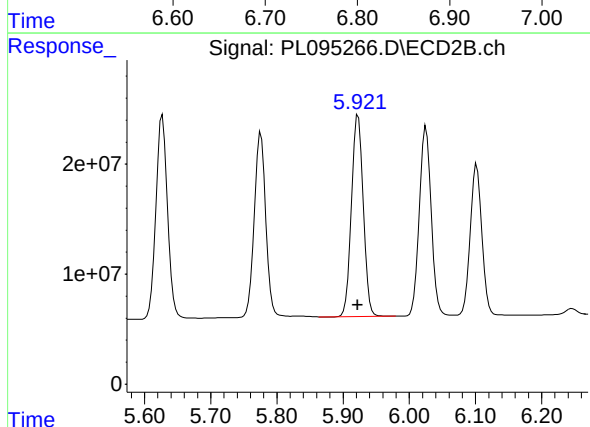
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 143486297
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

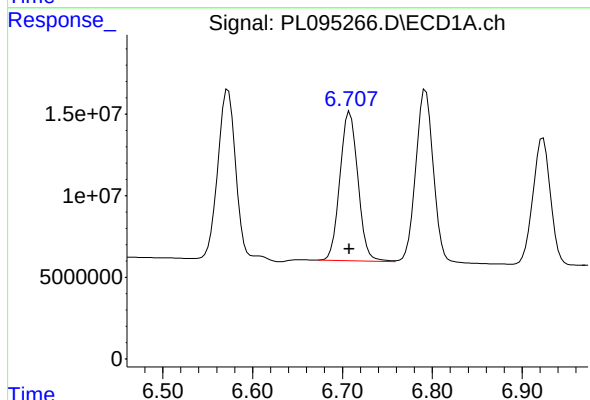
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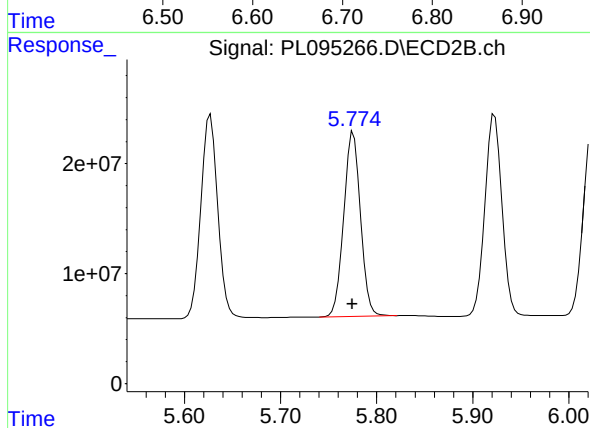
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 226155107
Conc: 51.51 ng/ml



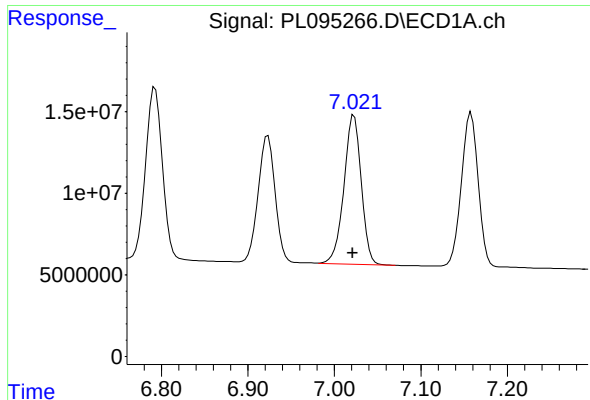
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 126861790
Conc: 49.96 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 201997112
Conc: 51.93 ng/ml



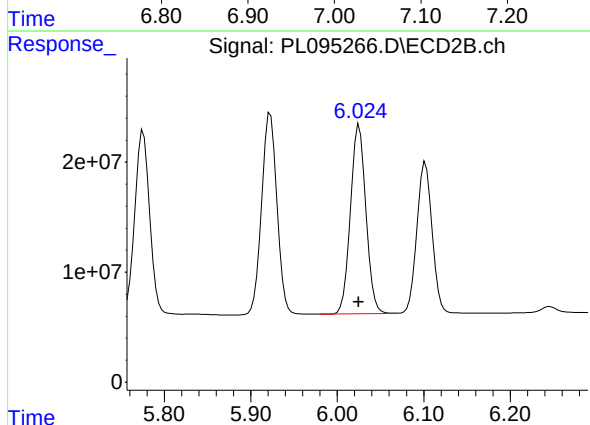
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 126811215
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

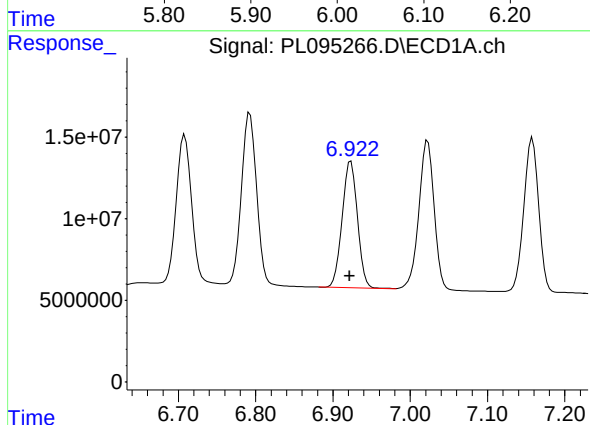
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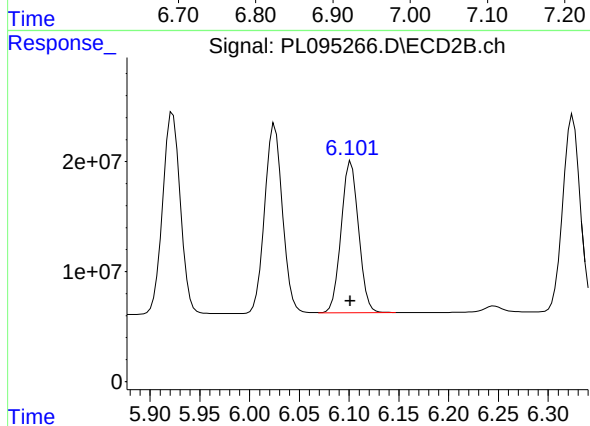
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 213981508
Conc: 51.36 ng/ml



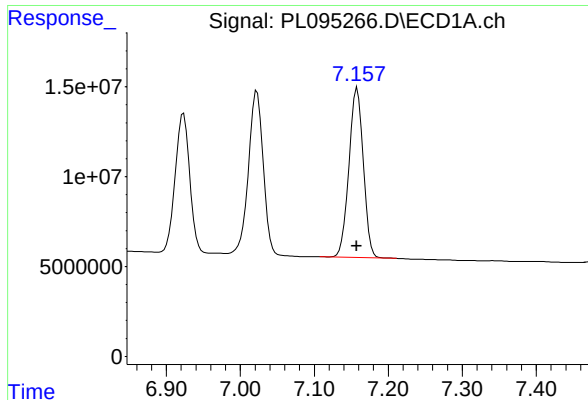
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.002 min
Response: 106440153
Conc: 48.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 168498769
Conc: 50.00 ng/ml



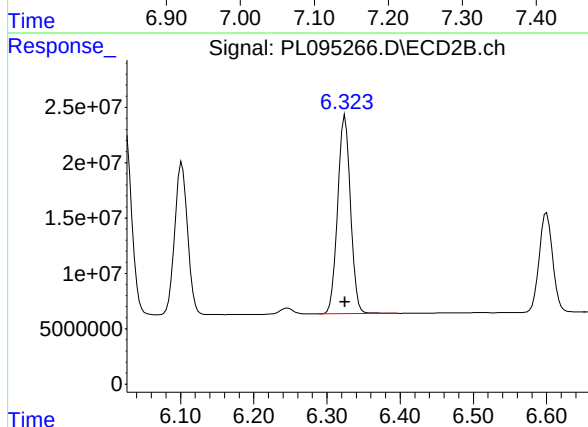
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 127238162
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

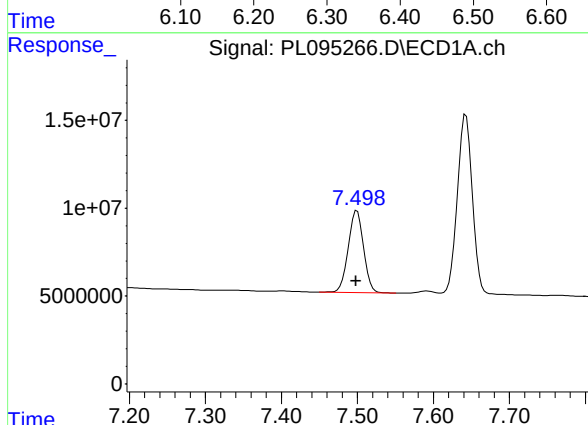
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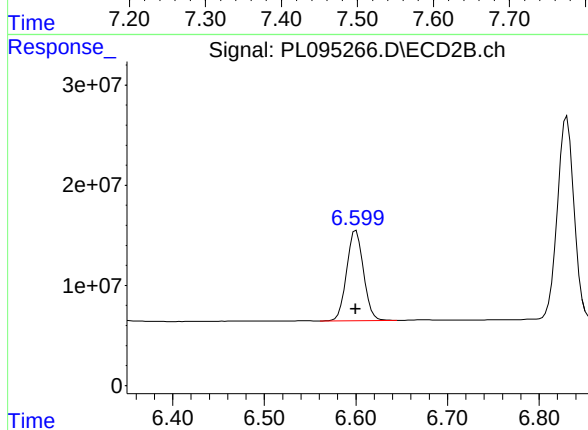
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 218868027
Conc: 52.41 ng/ml



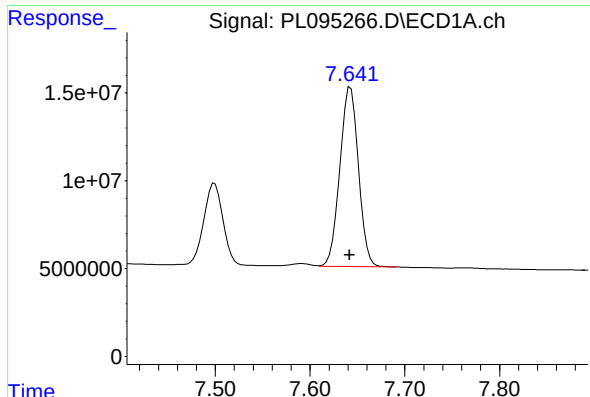
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 65713169
Conc: 49.06 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 115665635
Conc: 51.51 ng/ml m



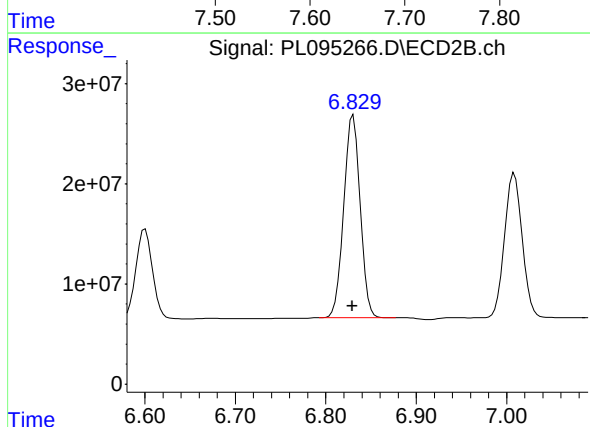
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 139078589
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

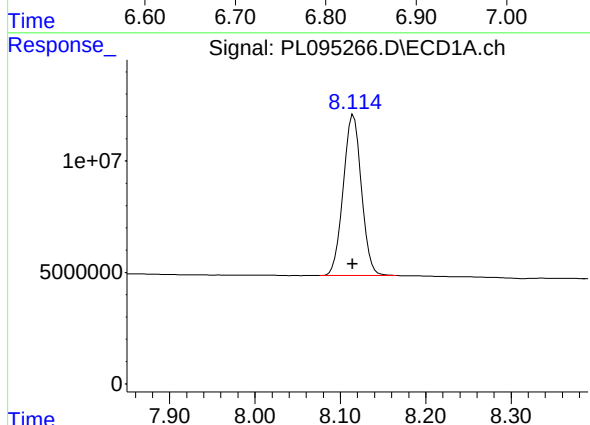
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Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



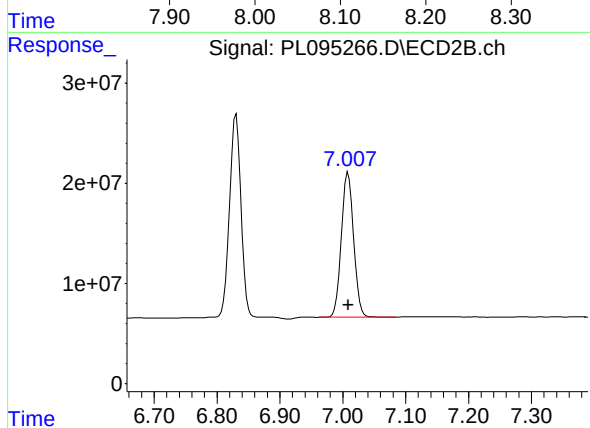
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 255662112
Conc: 50.71 ng/ml m



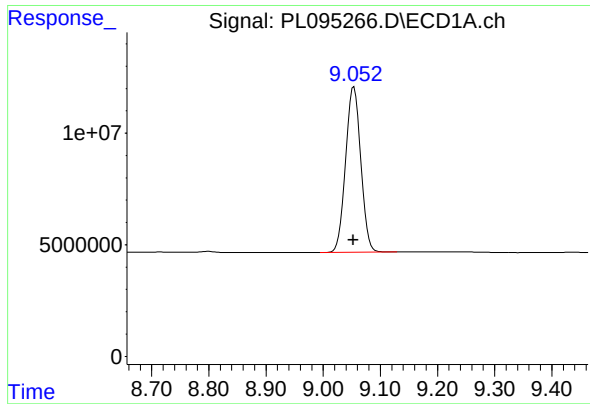
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 106842930
Conc: 50.23 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 196760973
Conc: 50.04 ng/ml



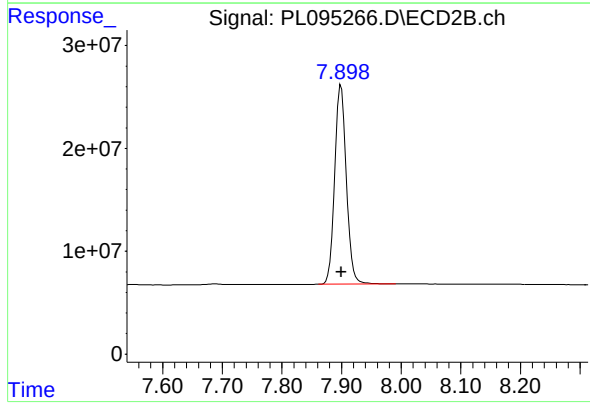
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.001 min
Response: 137691491
Conc: 57.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 263871781
Conc: 59.98 ng/ml