

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
 Data File : PL095332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 12:12
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:33:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 12:26:08 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	82279109	79670448	25.556	25.405
2) SA Decachlor...	9.124	8.090	70535847	76004301	26.234	26.034
Target Compounds						
2) A alpha-BHC	4.047	3.416	121.3E6	108.7E6	24.454	24.298
3) MA gamma-BHC...	4.378	3.750	116.7E6	108.7E6	24.751	24.663
4) MA Heptachlor	4.976	4.105	114.4E6	109.1E6	25.344	25.223
5) MB Aldrin	5.318	4.390	113.5E6	102.3E6	24.986	24.836
6) B beta-BHC	4.564	4.044	52142080	53091040	25.782	26.127
7) B delta-BHC	4.812	4.280	114.2E6	107.7E6	24.868	24.518
8) B Heptachlo...	5.740	4.894	100.8E6	97198123	25.588	25.436
9) A Endosulfan I	6.123	5.267	94665753	92648144	25.369	25.433
10) B gamma-Chl...	5.994	5.147	102.0E6	101.3E6	25.228	25.273
11) B alpha-Chl...	6.075	5.211	102.1E6	100.0E6	25.401	25.384
12) B 4,4'-DDE	6.243	5.398	98088772	102.4E6	25.397	25.298
13) MA Dieldrin	6.396	5.532	96281168	101.2E6	25.205	25.192
14) MA Endrin	6.624	5.807	79734368	91669531	25.445	25.334
15) B Endosulfa...	6.836	6.097	80317081	90454520	25.810	25.538
16) A 4,4'-DDD	6.753	5.950	70509869	81698054	25.153	25.132
17) MA 4,4'-DDT	7.068	6.204	71529390	86031617	25.119	24.998
18) B Endrin al...	6.965	6.276	59366165	66150972	26.008	25.651
19) B Endosulfa...	7.198	6.499	71073932	83744169	25.875	25.644
20) A Methoxychlor	7.540	6.775	35648257	48736354	26.126	26.046
21) B Endrin ke...	7.679	7.005	72029844	88886335	25.738	25.482
22) Mirex	8.161	7.200	60846386	74131947	26.712	26.367m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
Data File : PL095332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 12:12
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

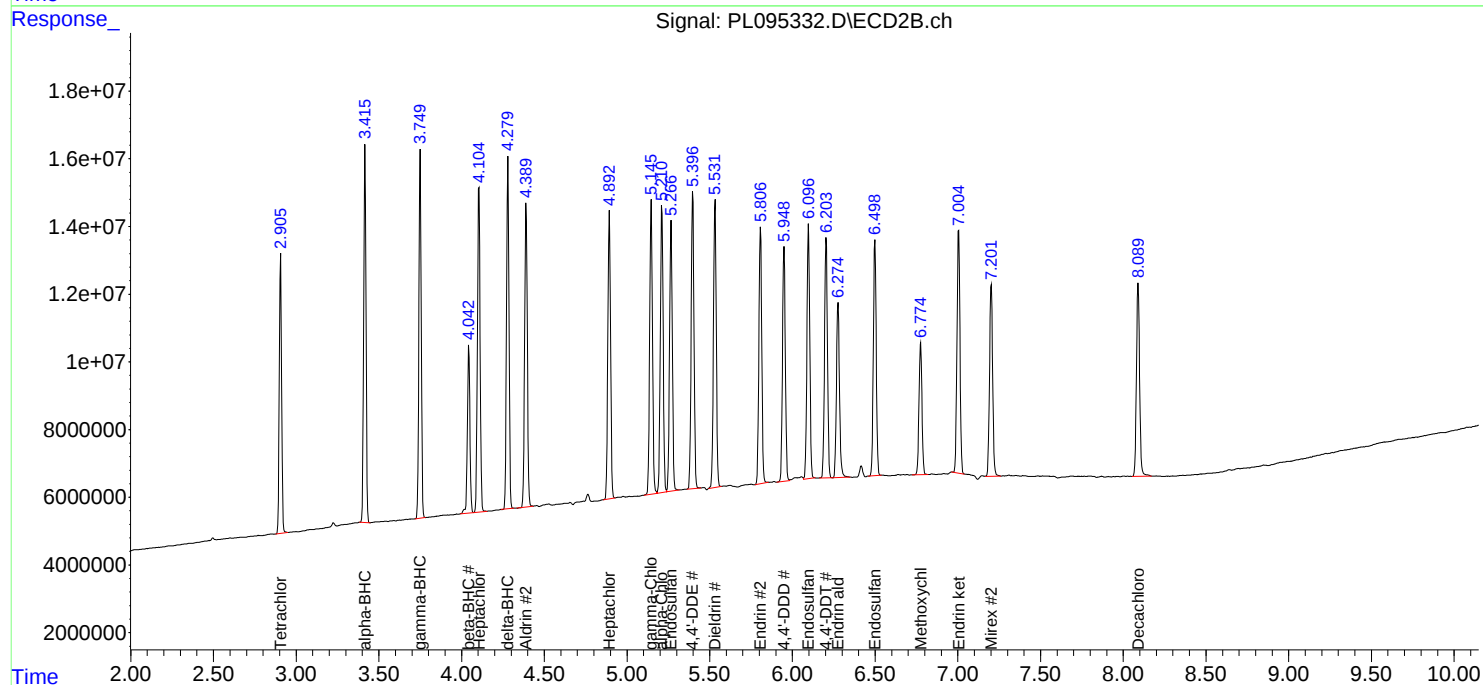
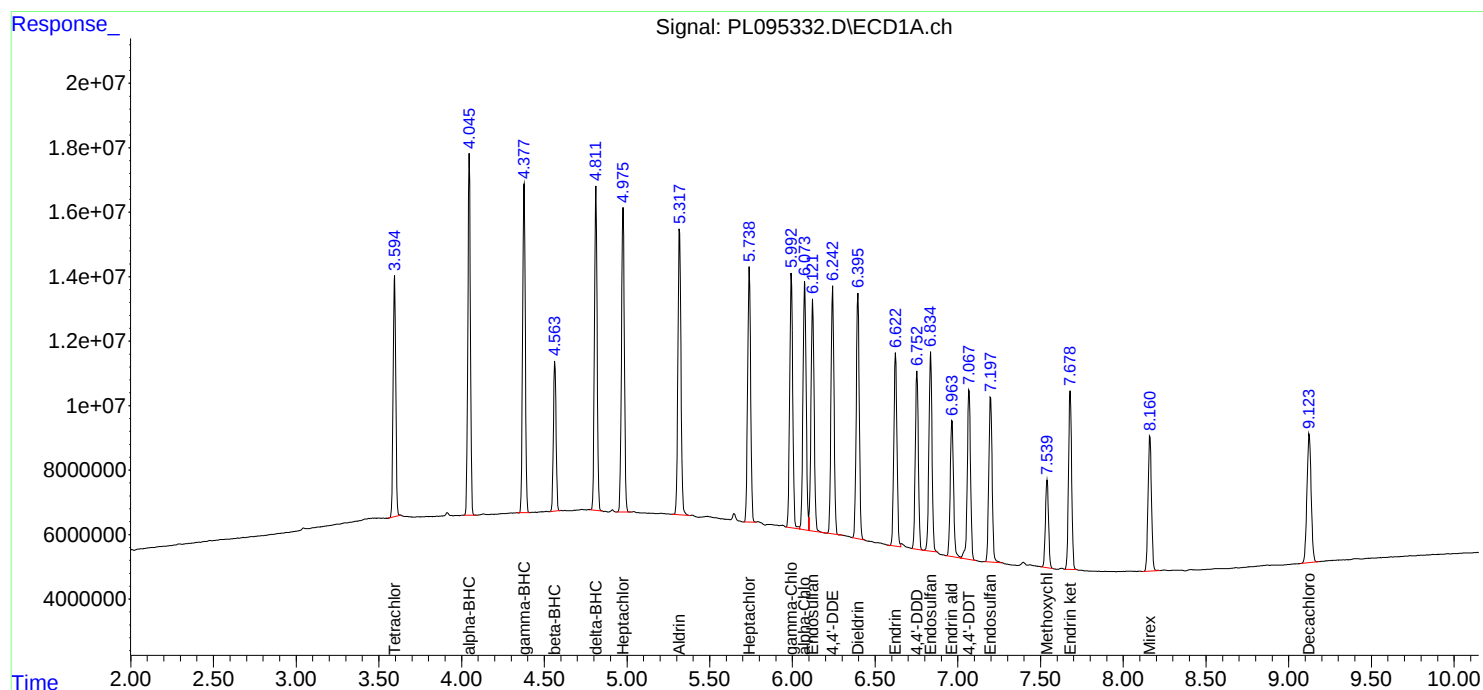
APPROVED

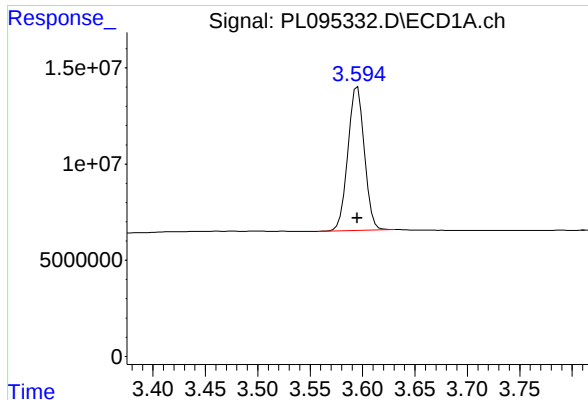
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:33:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 12:26:08 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





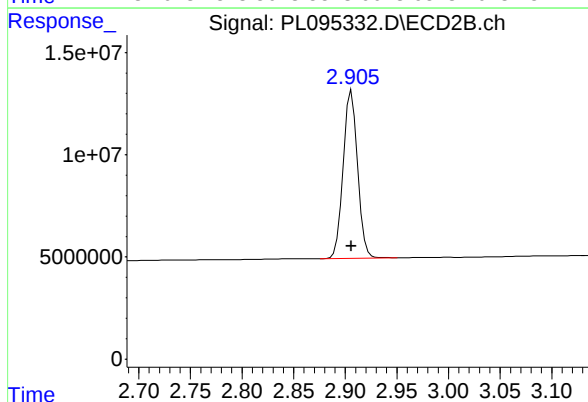
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 82279109
Conc: 25.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

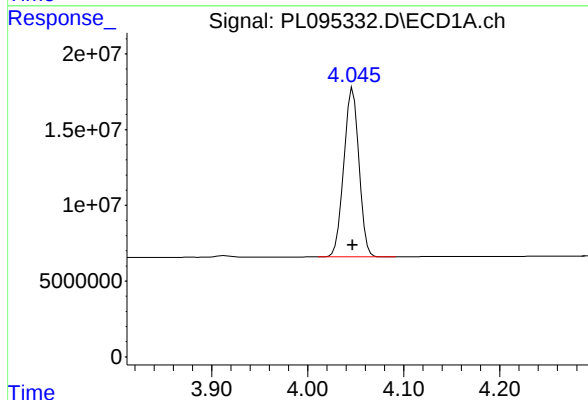
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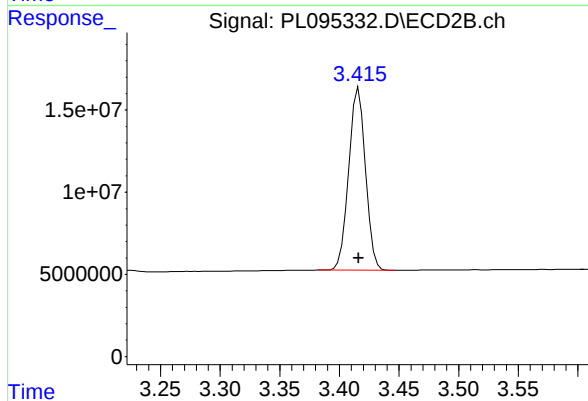
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 79670448
Conc: 25.41 ng/ml



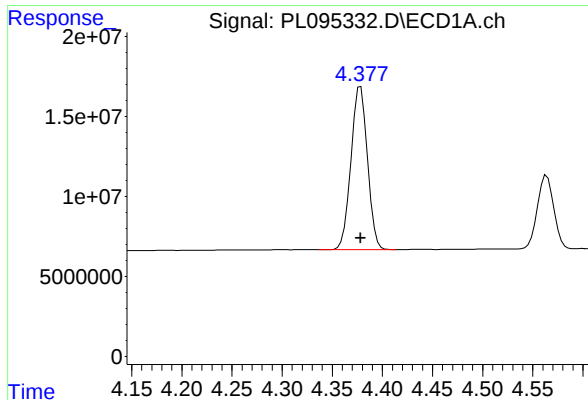
#2 alpha-BHC

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 121308952
Conc: 24.45 ng/ml



#2 alpha-BHC

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 108731559
Conc: 24.30 ng/ml



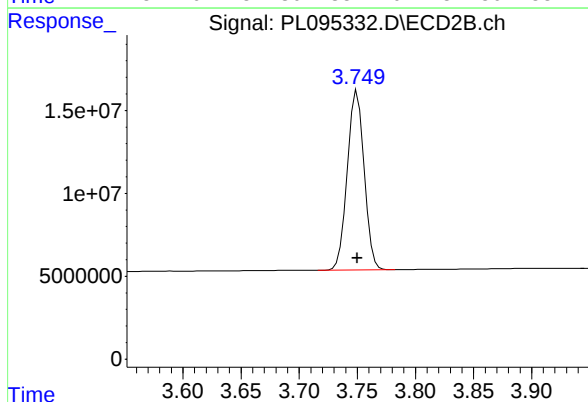
#3 gamma-BHC (Lindane)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 116701967
Conc: 24.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

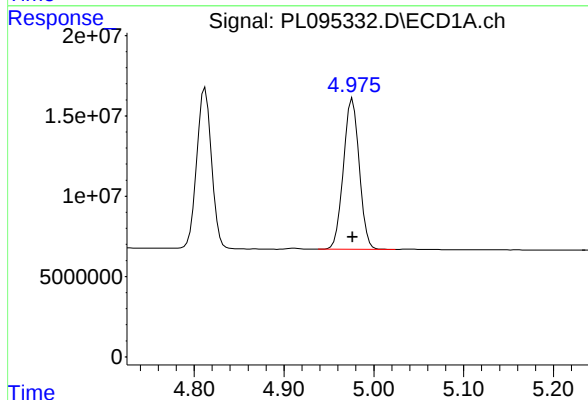
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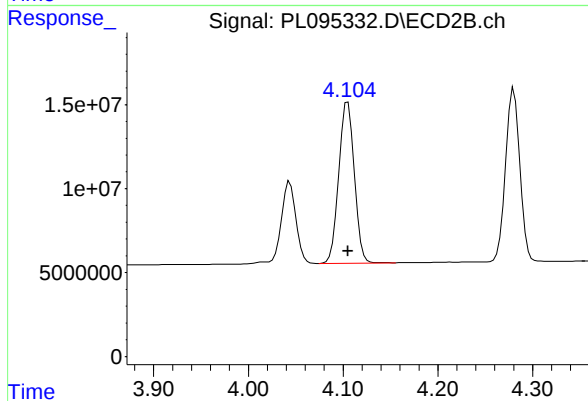
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 108658055
Conc: 24.66 ng/ml



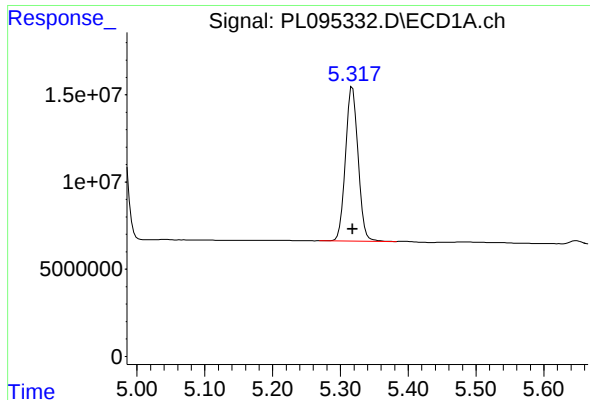
#4 Heptachlor

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 114394361
Conc: 25.34 ng/ml



#4 Heptachlor

R.T.: 4.105 min
Delta R.T.: 0.000 min
Response: 109078662
Conc: 25.22 ng/ml



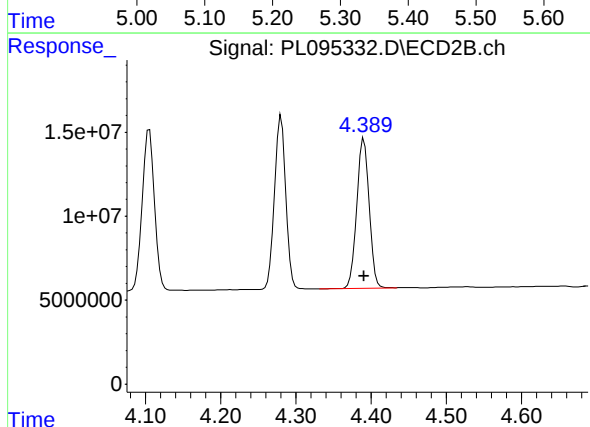
#5 Aldrin

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 113544428
Conc: 24.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

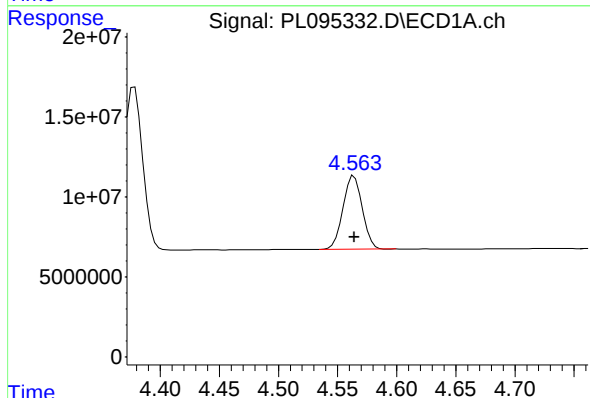
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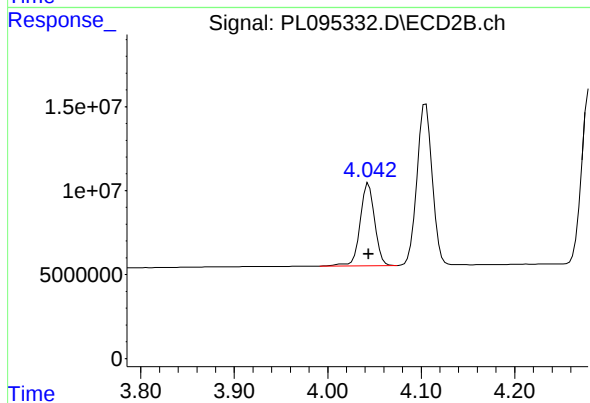
#5 Aldrin

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 102258177
Conc: 24.84 ng/ml



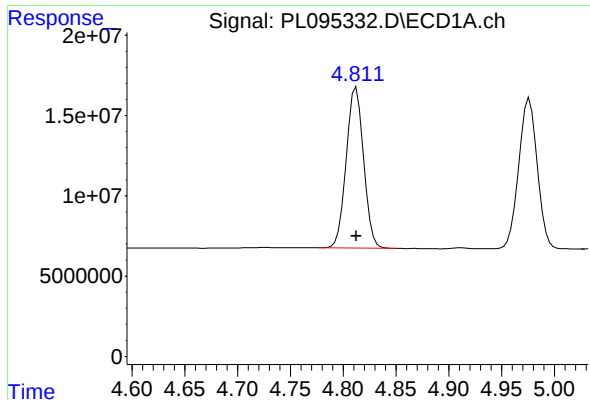
#6 beta-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 52142080
Conc: 25.78 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 53091040
Conc: 26.13 ng/ml



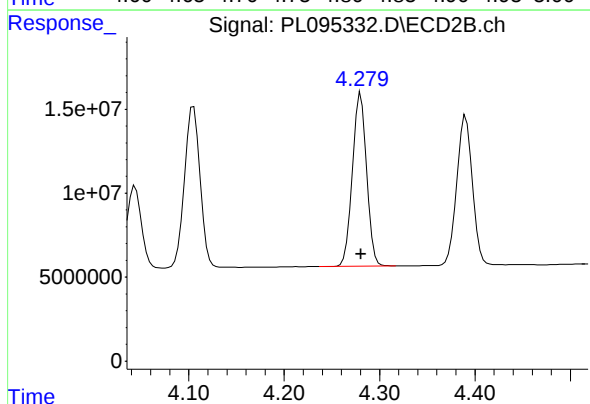
#7 delta-BHC

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 114152832
Conc: 24.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

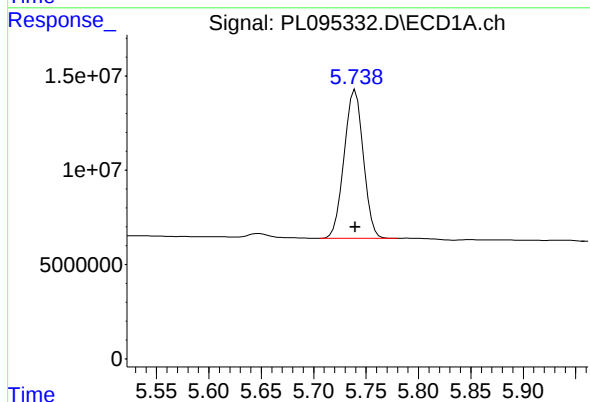
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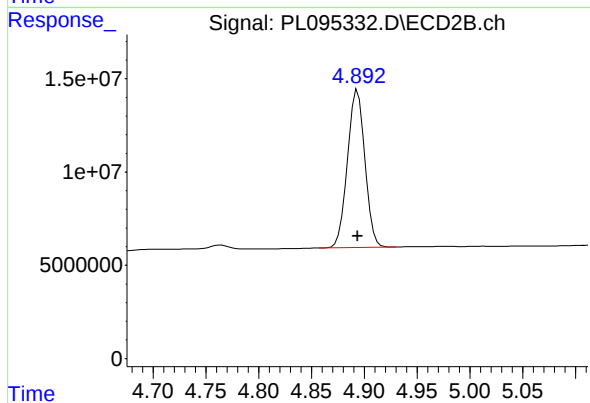
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 107702234
Conc: 24.52 ng/ml



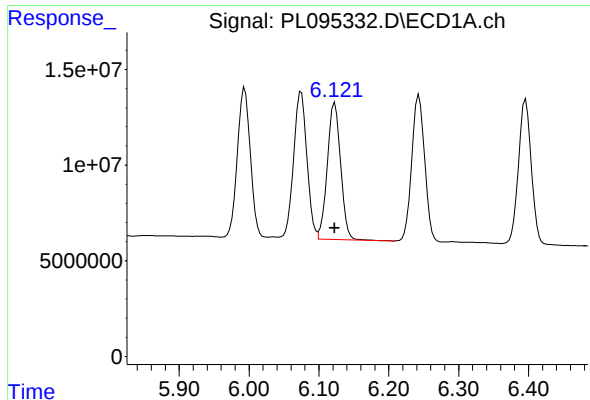
#8 Heptachlor epoxide

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 100790865
Conc: 25.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 97198123
Conc: 25.44 ng/ml



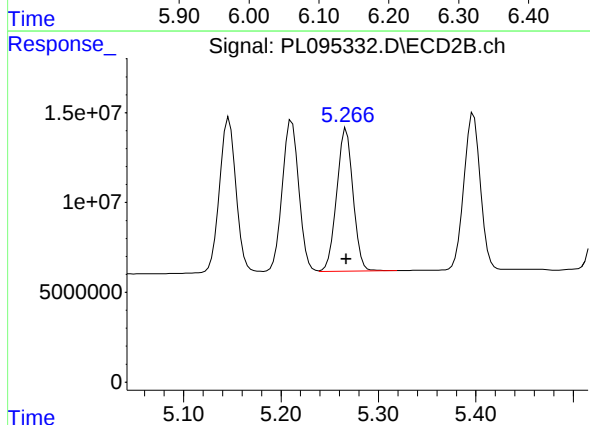
#9 Endosulfan I

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 94665753
Conc: 25.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

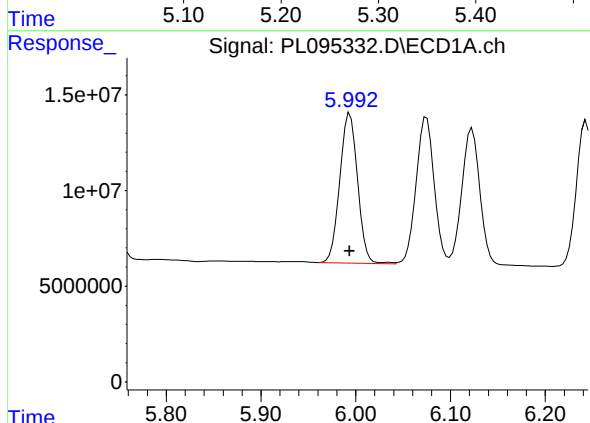
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Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



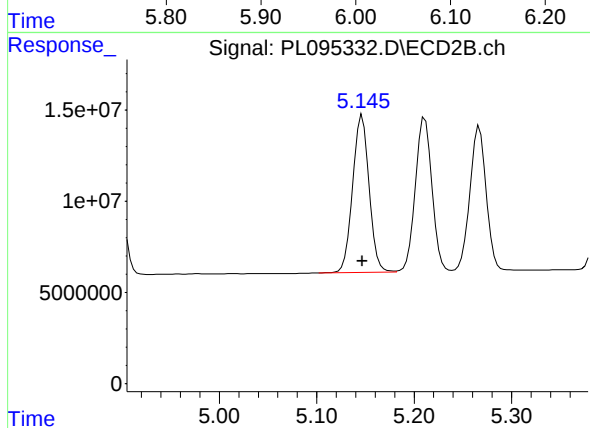
#9 Endosulfan I

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 92648144
Conc: 25.43 ng/ml



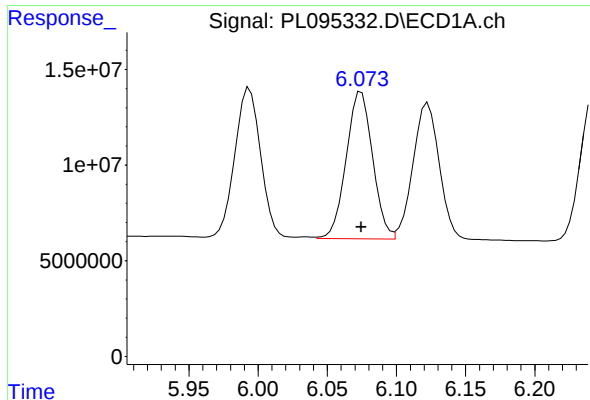
#10 gamma-Chlordane

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 101968760
Conc: 25.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 101250223
Conc: 25.27 ng/ml



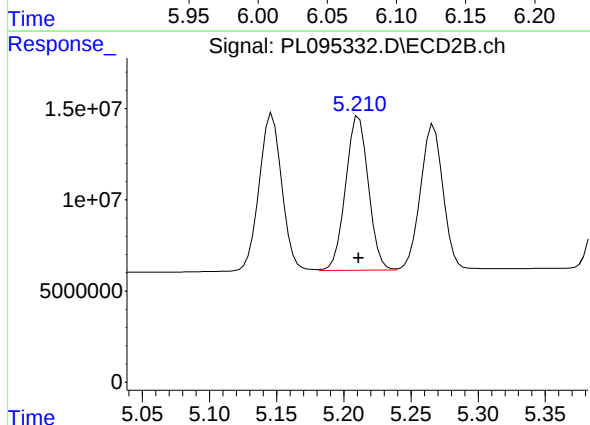
#11 alpha-Chlordane

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 102090791
Conc: 25.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

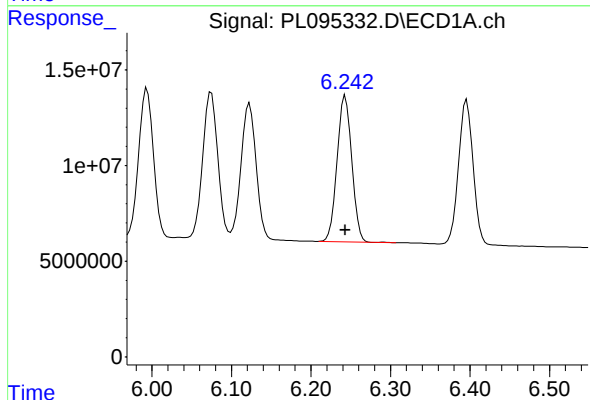
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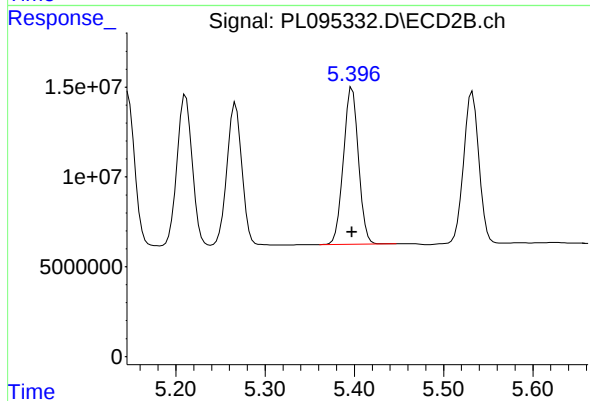
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 100026867
Conc: 25.38 ng/ml



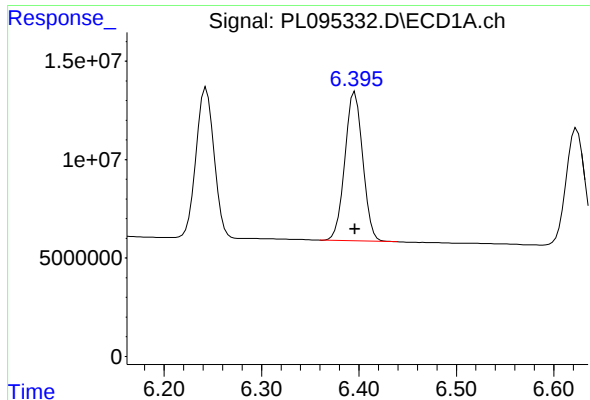
#12 4,4'-DDE

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 98088772
Conc: 25.40 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 102363973
Conc: 25.30 ng/ml



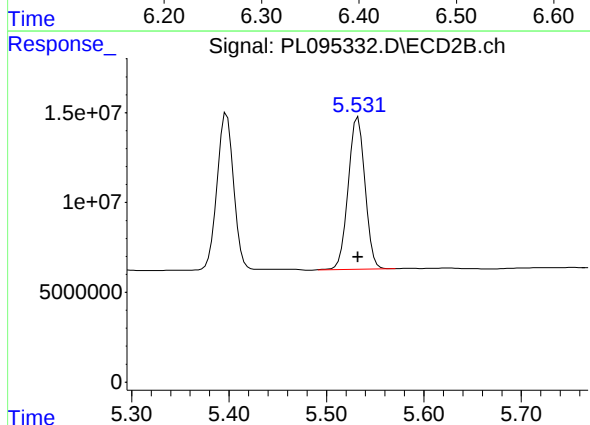
#13 Dieldrin

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 96281168
Conc: 25.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

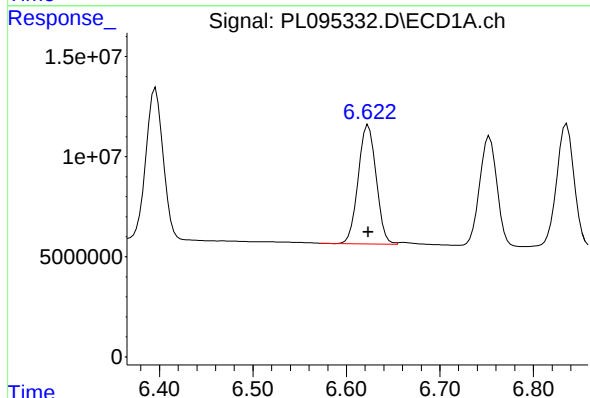
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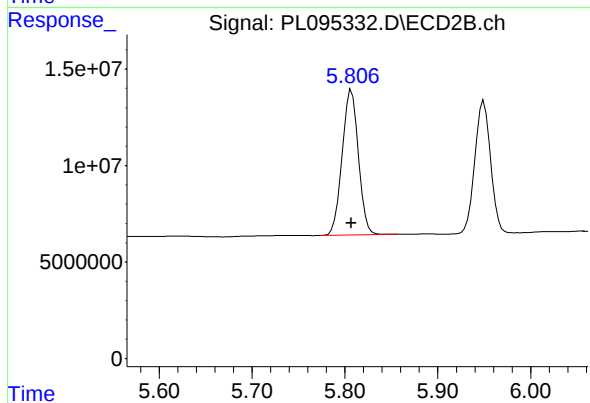
#13 Dieldrin

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 101218085
Conc: 25.19 ng/ml



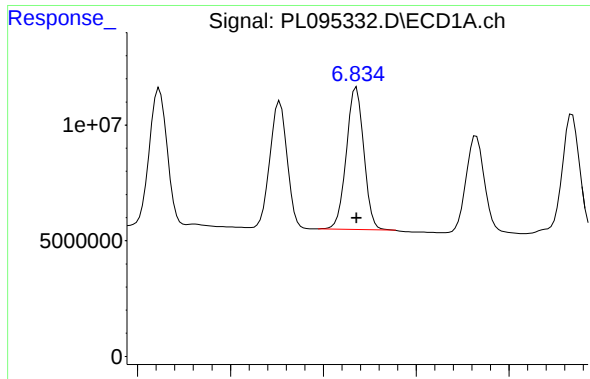
#14 Endrin

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 79734368
Conc: 25.45 ng/ml



#14 Endrin

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 91669531
Conc: 25.33 ng/ml



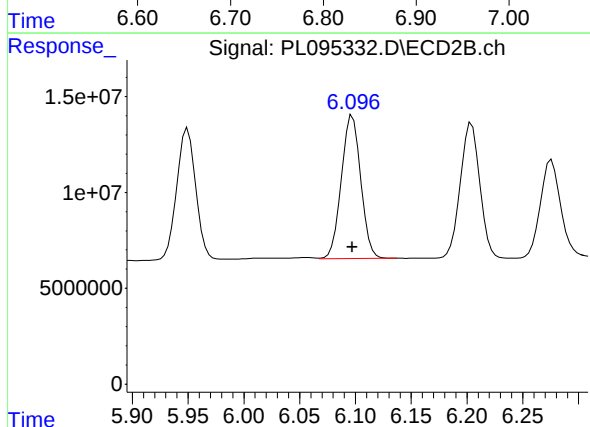
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 80317081
Conc: 25.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

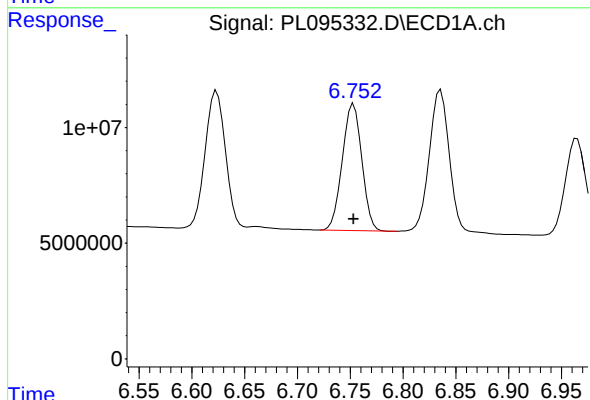
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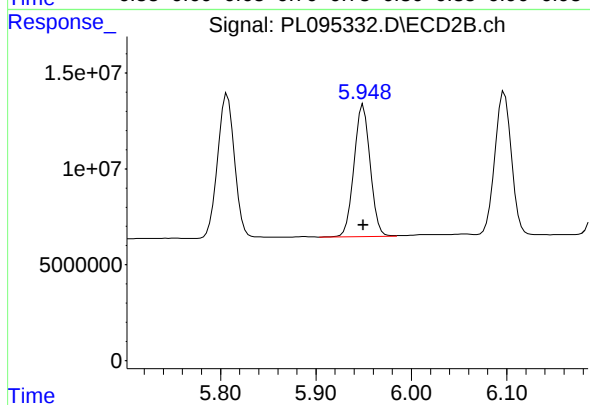
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 90454520
Conc: 25.54 ng/ml



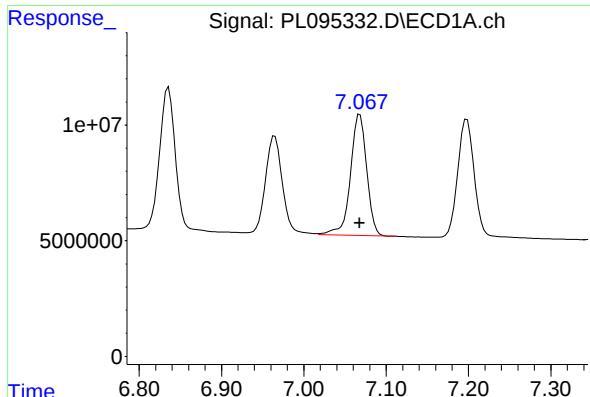
#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 70509869
Conc: 25.15 ng/ml



#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 81698054
Conc: 25.13 ng/ml



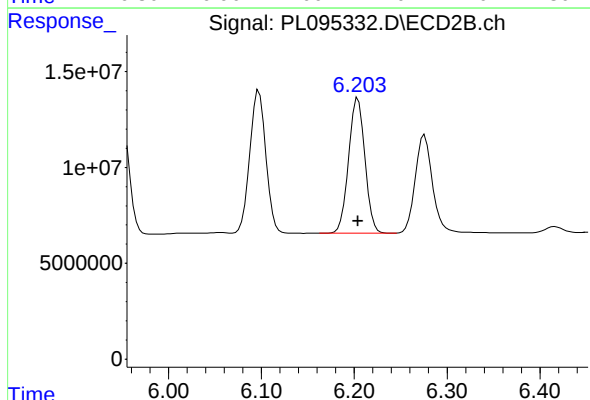
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 71529390
Conc: 25.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

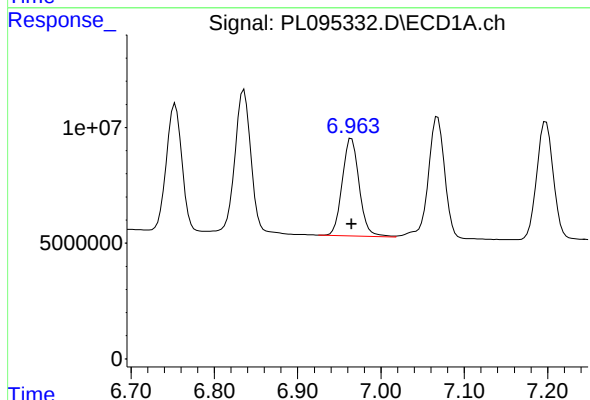
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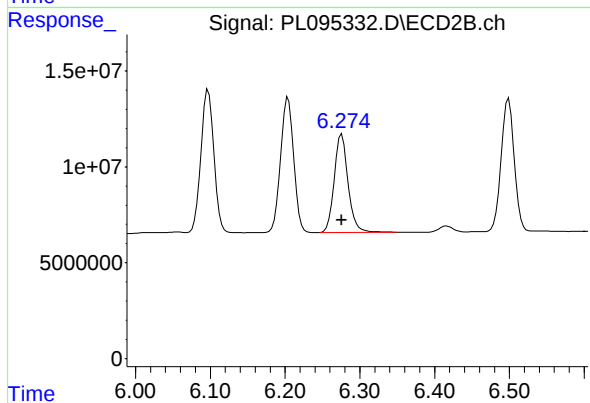
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 86031617
Conc: 25.00 ng/ml



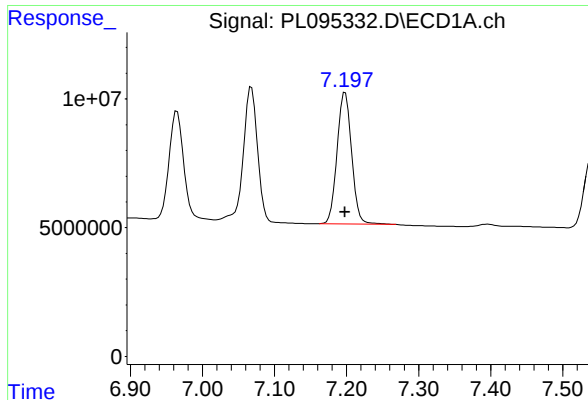
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 59366165
Conc: 26.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 66150972
Conc: 25.65 ng/ml



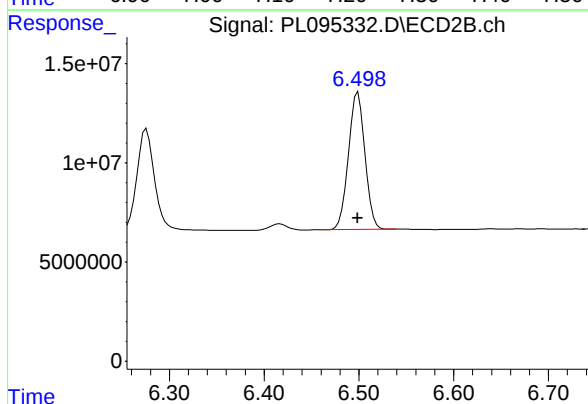
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 71073932
Conc: 25.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

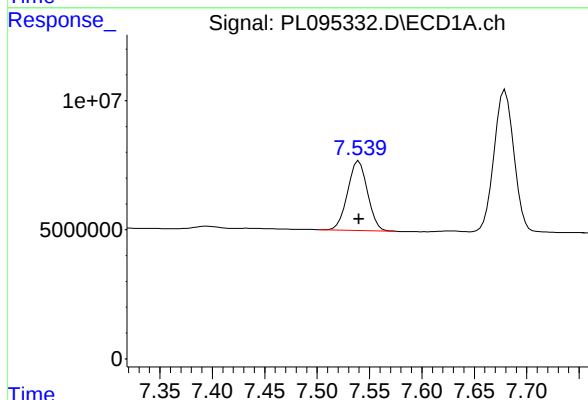
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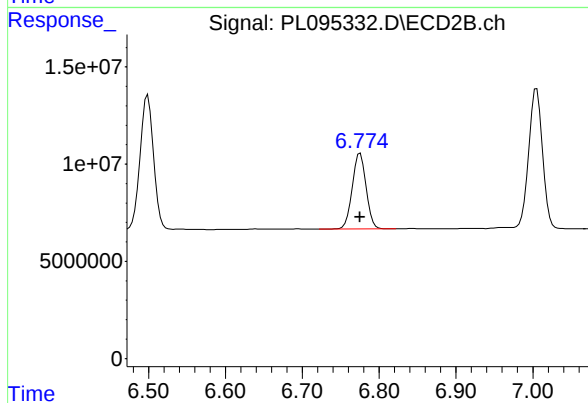
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 83744169
Conc: 25.64 ng/ml



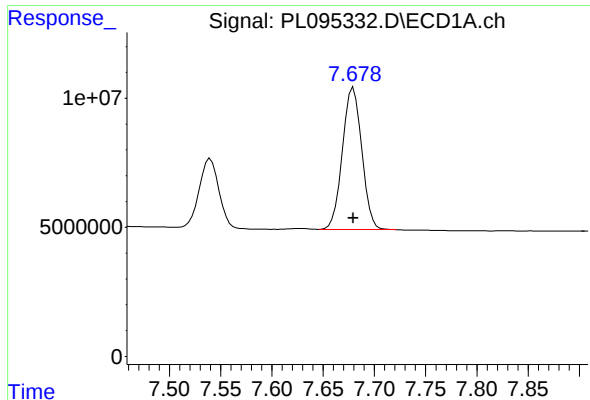
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 35648257
Conc: 26.13 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 48736354
Conc: 26.05 ng/ml



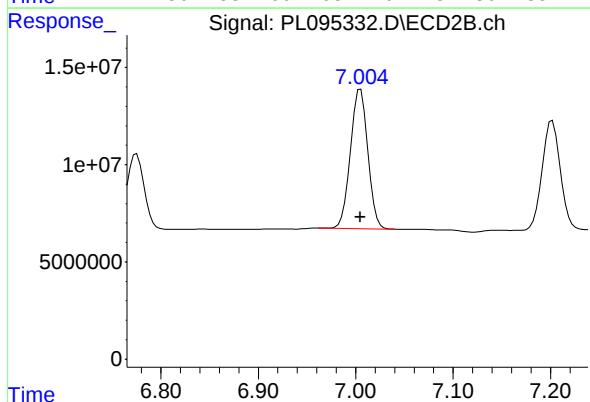
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 72029844
Conc: 25.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

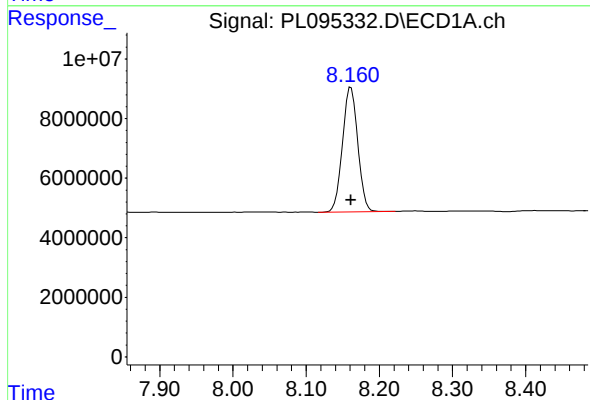
Manual Integrations
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Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



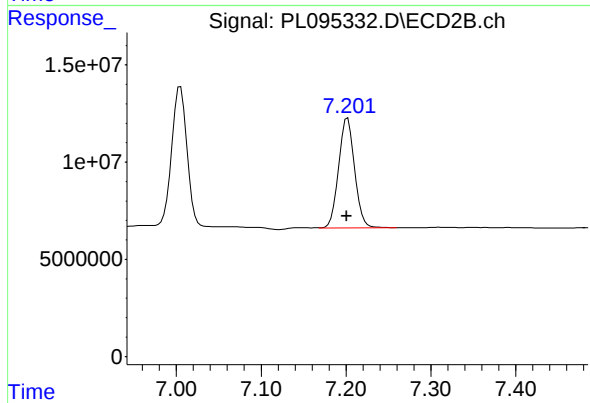
#21 Endrin ketone

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 88886335
Conc: 25.48 ng/ml



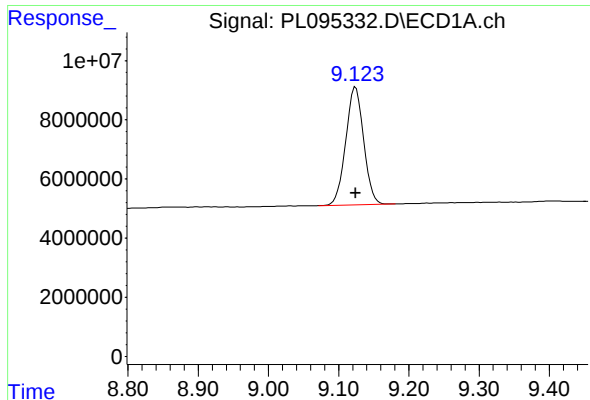
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 60846386
Conc: 26.71 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 74131947
Conc: 26.37 ng/ml m



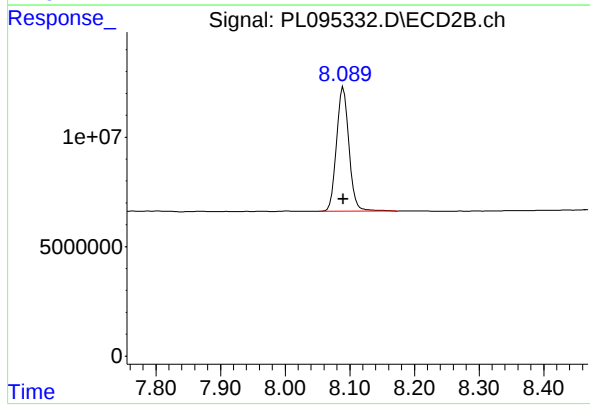
#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 70535847
Conc: 26.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 76004301
Conc: 26.03 ng/ml