

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
 Data File : PL095205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2025 15:07
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/15/2025
 Supervised By : mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 16:26:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 16:20:41 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...	3.535	2.767	253.6E6	363.9E6	97.867	99.633
28) SA Decachlor...	9.052	7.899	215.3E6	419.9E6	96.348	98.825
Target Compounds						
2) A alpha-BHC	3.991	3.269	386.0E6	573.2E6	99.704	101.366
3) MA gamma-BHC...	4.324	3.599	365.6E6	536.7E6	99.107	100.856
4) MA Heptachlor	4.912	3.936	339.7E6	520.1E6	97.992	100.147
5) MB Aldrin	5.254	4.215	327.1E6	493.7E6	98.221	100.654
6) B beta-BHC	4.523	3.899	160.8E6	223.7E6	97.852	99.307
7) B delta-BHC	4.770	4.127	361.0E6	530.9E6	98.853	101.243
8) B Heptachlo...	5.680	4.718	298.3E6	449.8E6	98.023	99.679
9) A Endosulfan I	6.066	5.087	281.7E6	433.0E6	97.449	99.972
10) B gamma-Chl...	5.937	4.967	307.2E6	482.1E6	97.821	100.434
11) B alpha-Chl...	6.016	5.031	302.1E6	471.1E6	97.633	100.125
12) B 4,4'-DDE	6.190	5.220	301.2E6	476.9E6	97.930	99.892
13) MA Dieldrin	6.341	5.351	304.4E6	483.1E6	98.027	100.393
14) MA Endrin	6.571	5.627	242.7E6	417.1E6	98.065	99.953
15) B Endosulfa...	6.792	5.922	260.9E6	426.5E6	97.608	99.308
16) A 4,4'-DDD	6.708	5.774	237.2E6	391.7E6	98.145	100.403
17) MA 4,4'-DDT	7.022	6.025	245.0E6	422.7E6	98.971	100.829
18) B Endrin al...	6.922	6.101	201.3E6	326.4E6	97.153	99.311
19) B Endosulfa...	7.156	6.324	233.3E6	407.6E6	96.866	99.622
20) A Methoxychlor	7.498	6.600	122.8E6	218.8E6	96.908	98.729
21) B Endrin ke...	7.641	6.828	267.4E6	491.2E6	97.829	99.174m
22) Mirex	8.114	7.008	188.2E6	362.9E6	96.087	97.791

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 15:07
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC100

Manual Integrations

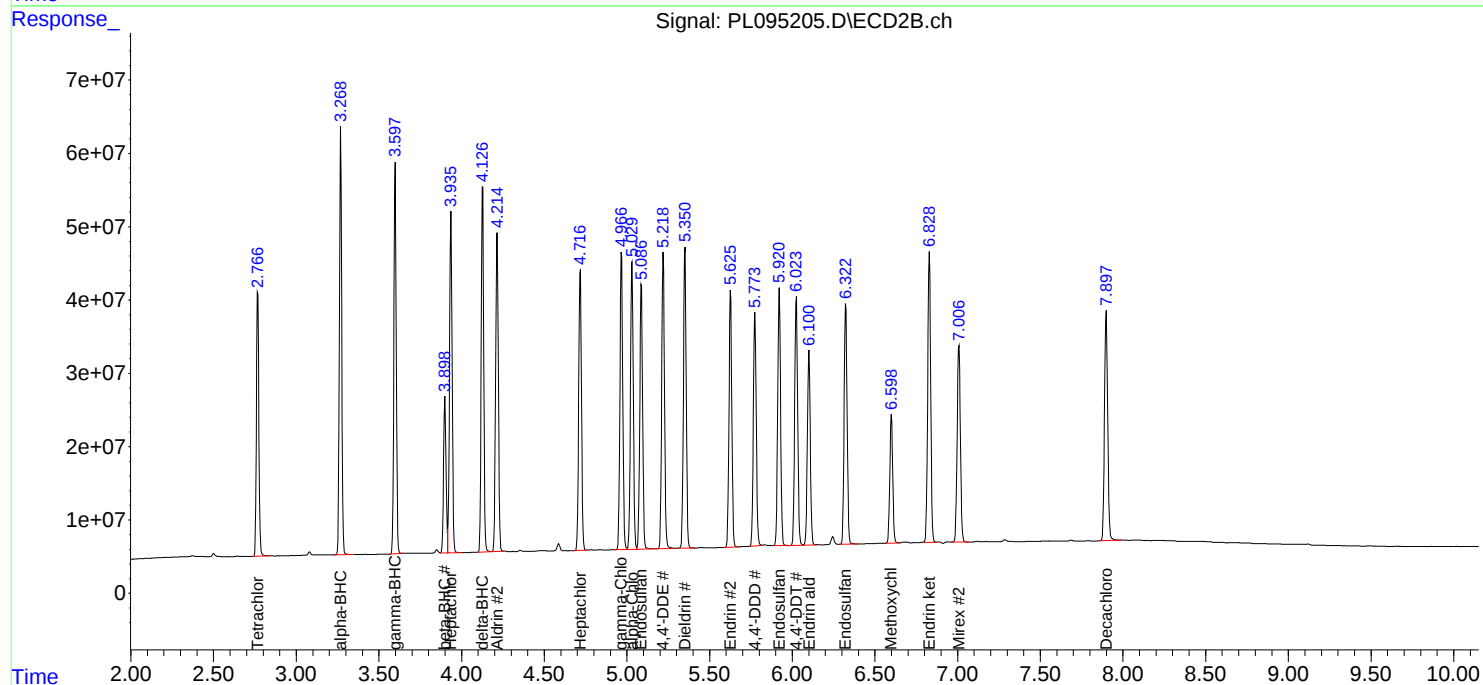
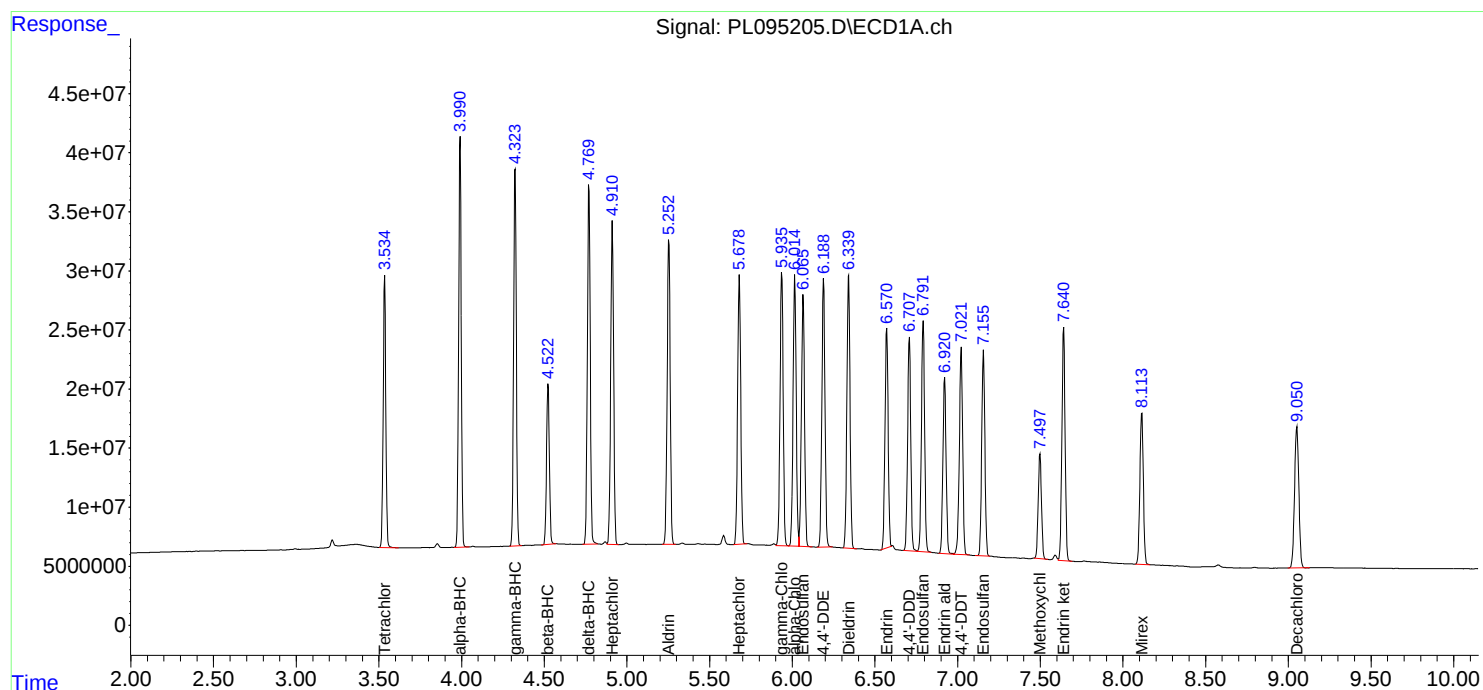
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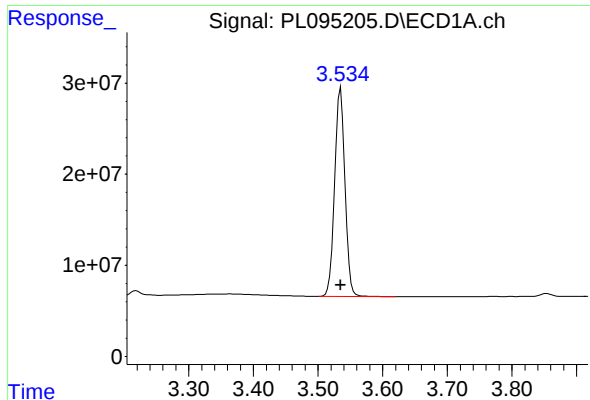
Reviewed By :Abdul Mirza 04/15/2025

Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 16:26:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 16:20:41 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





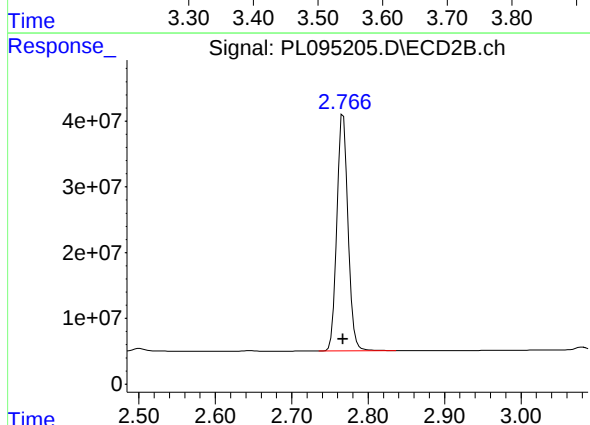
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 253604232
Conc: 97.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

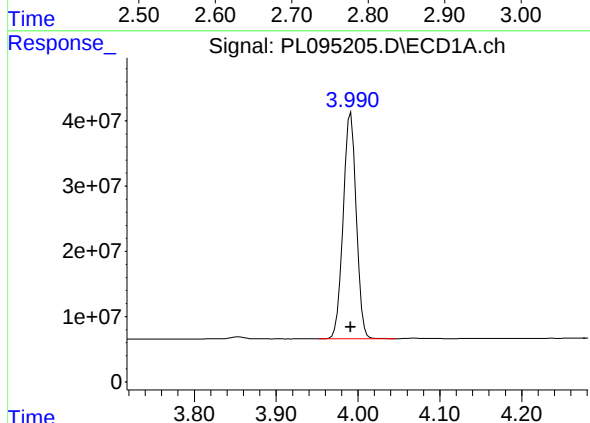
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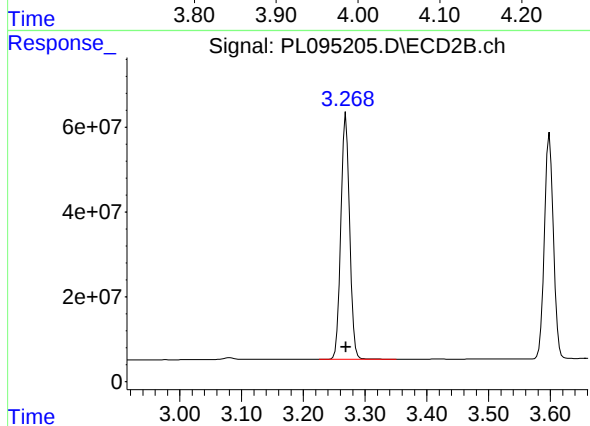
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 363926985
Conc: 99.63 ng/ml



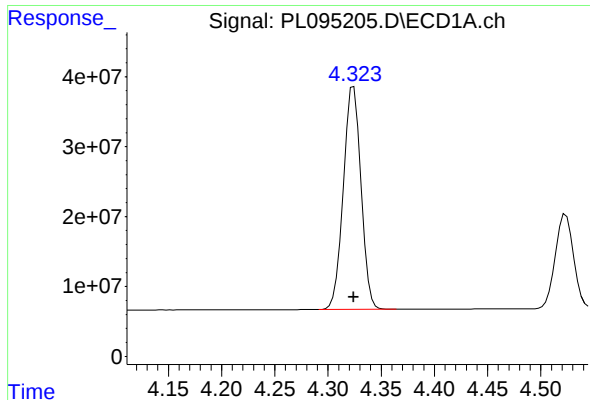
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 386044627
Conc: 99.70 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 573192005
Conc: 101.37 ng/ml



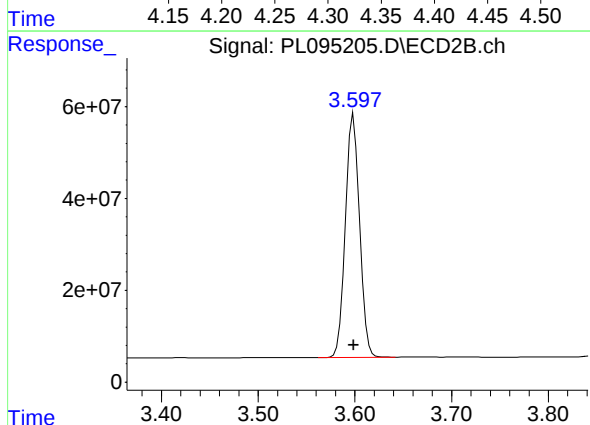
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 365569342
Conc: 99.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

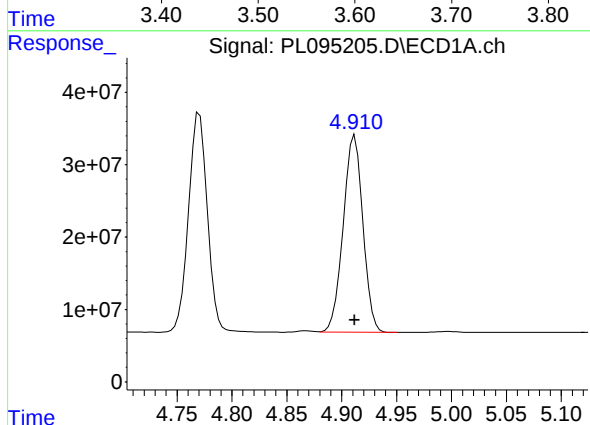
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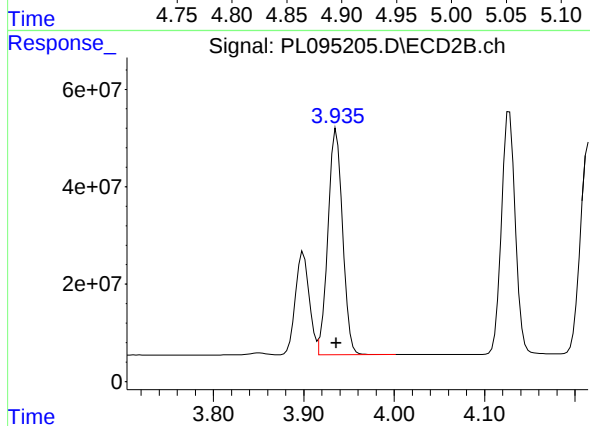
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 536659152
Conc: 100.86 ng/ml



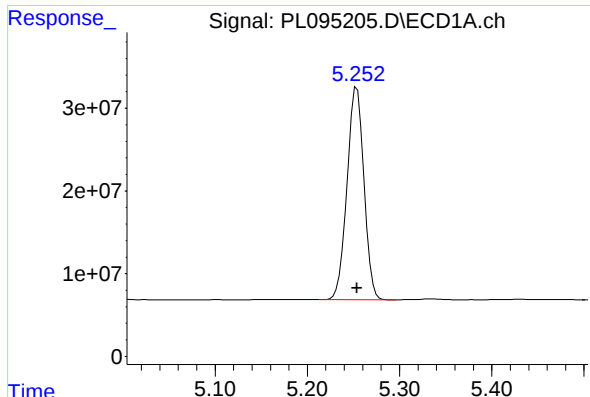
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 339673811
Conc: 97.99 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 520096481
Conc: 100.15 ng/ml



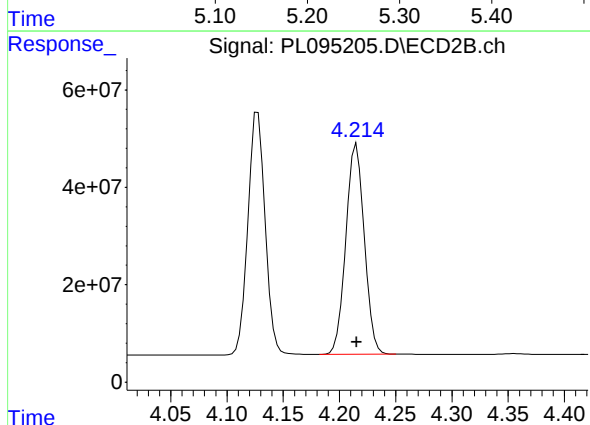
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 327104372
Conc: 98.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

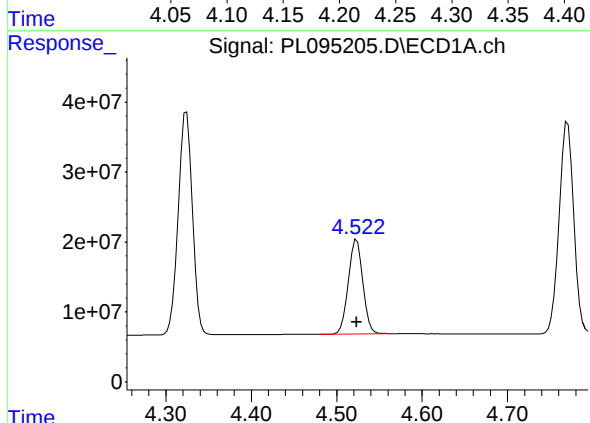
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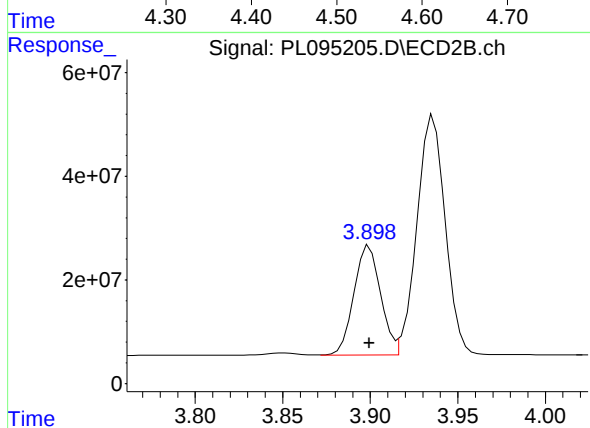
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 493654711
Conc: 100.65 ng/ml



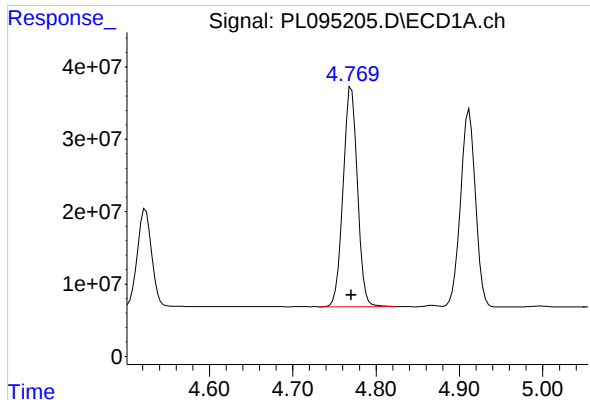
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 160780002
Conc: 97.85 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 223718431
Conc: 99.31 ng/ml



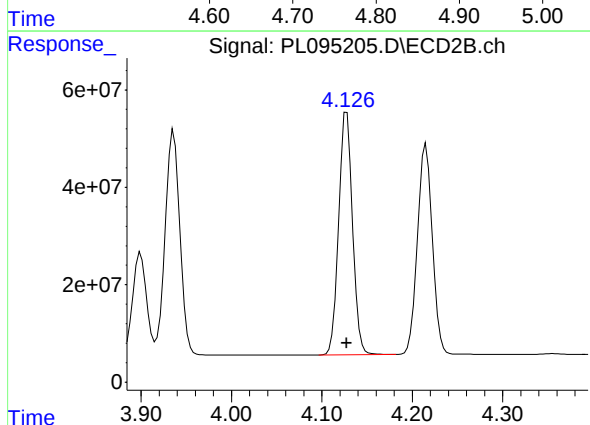
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 361041380
Conc: 98.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

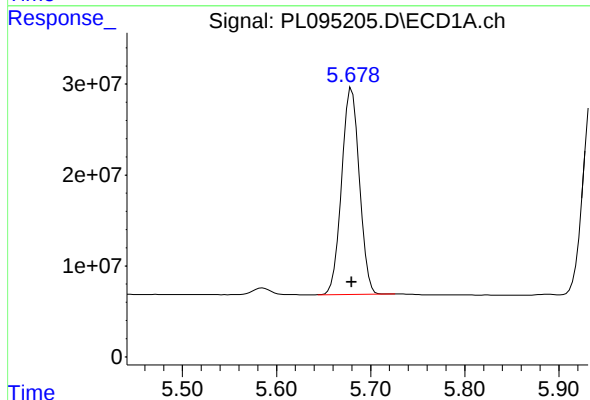
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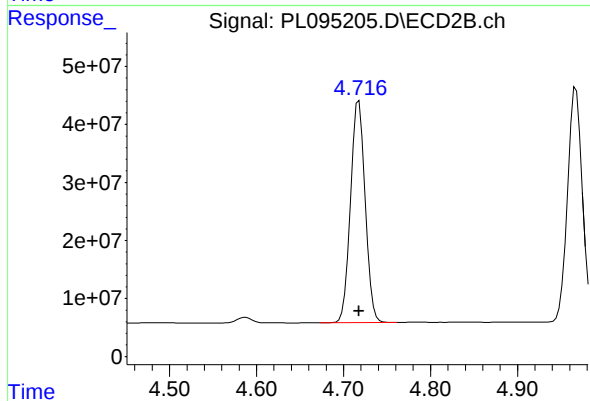
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 530929982
Conc: 101.24 ng/ml



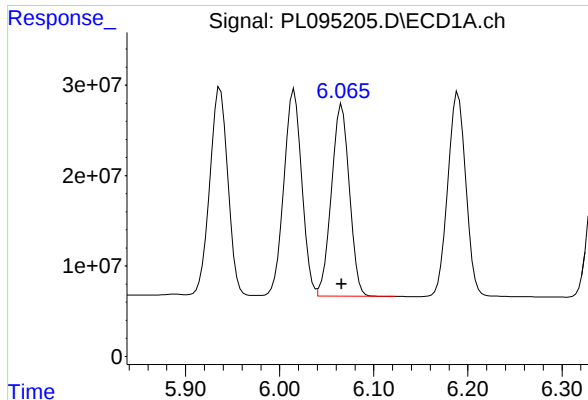
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 298328183
Conc: 98.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 449786093
Conc: 99.68 ng/ml



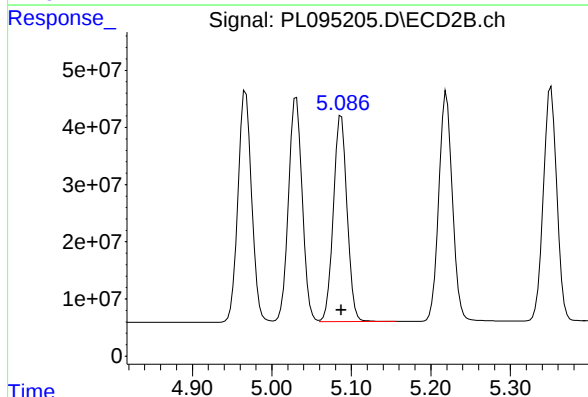
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 281702529
Conc: 97.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

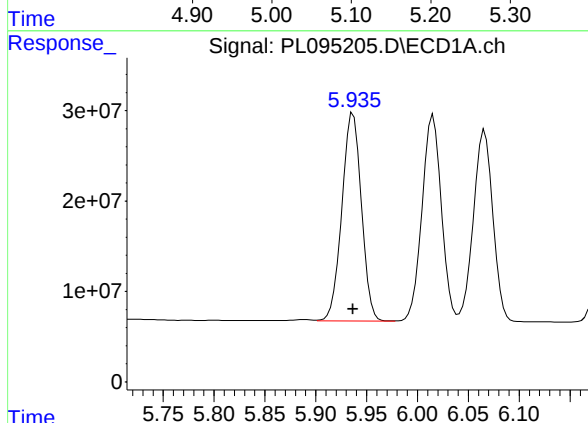
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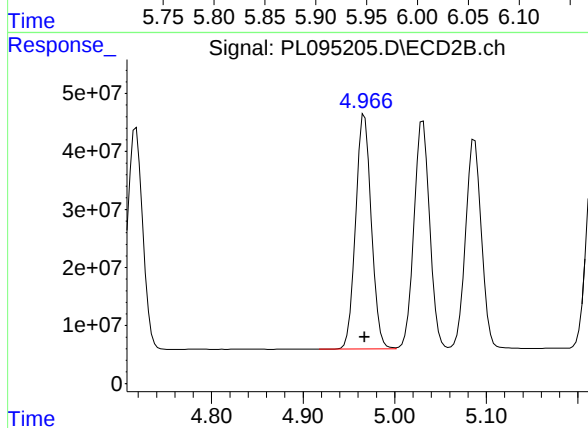
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 432999811
Conc: 99.97 ng/ml



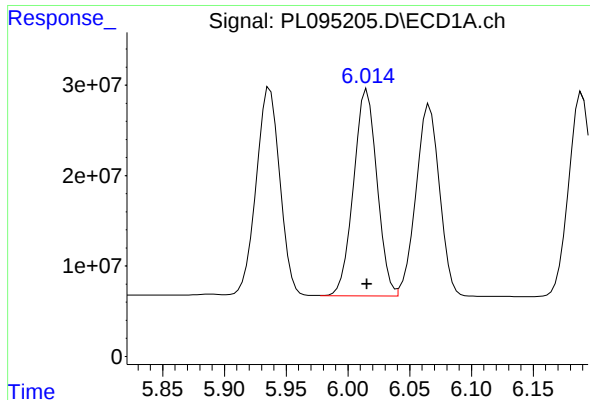
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 307234336
Conc: 97.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 482122159
Conc: 100.43 ng/ml



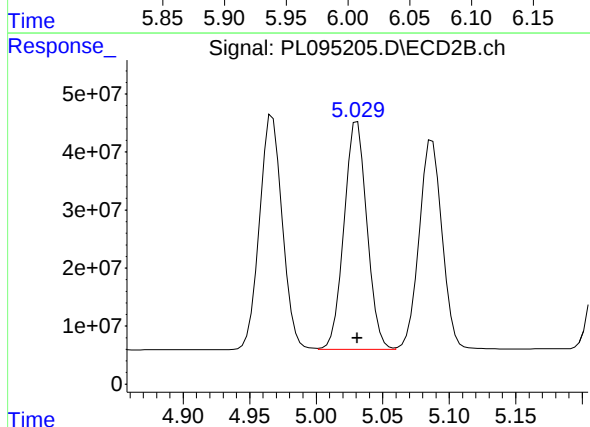
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 302108047
Conc: 97.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

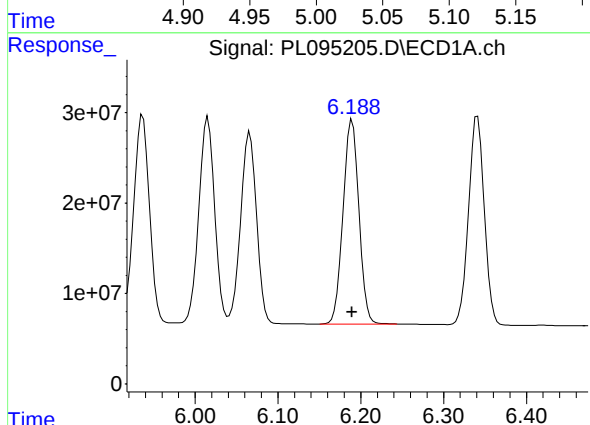
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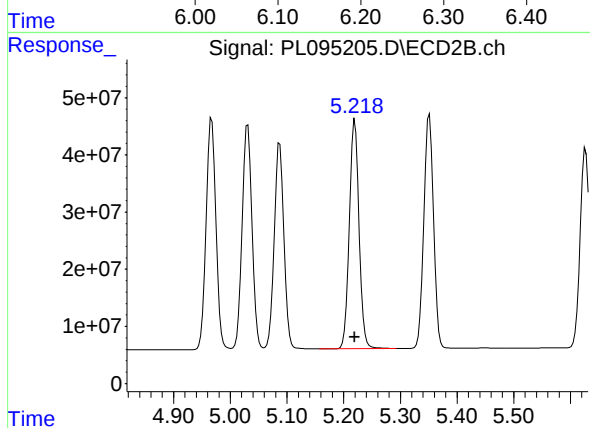
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 471122368
Conc: 100.12 ng/ml



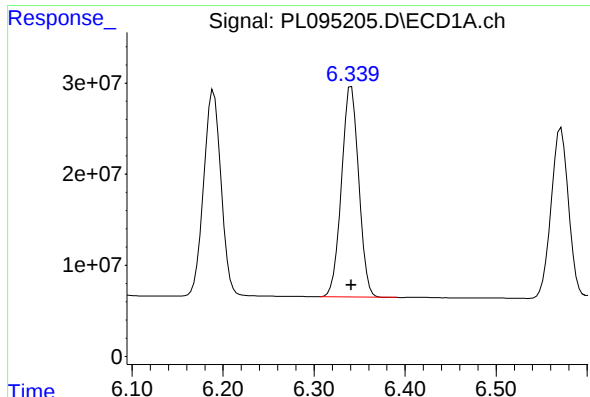
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 301186373
Conc: 97.93 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 476942381
Conc: 99.89 ng/ml



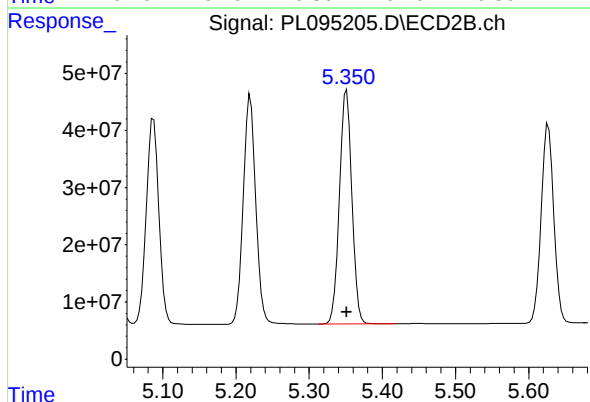
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 304443700
Conc: 98.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

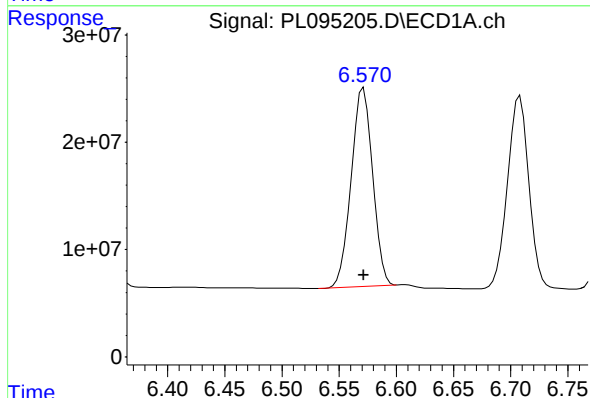
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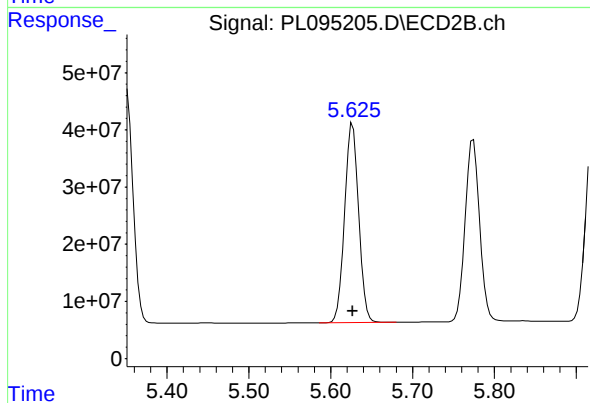
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 483111309
Conc: 100.39 ng/ml



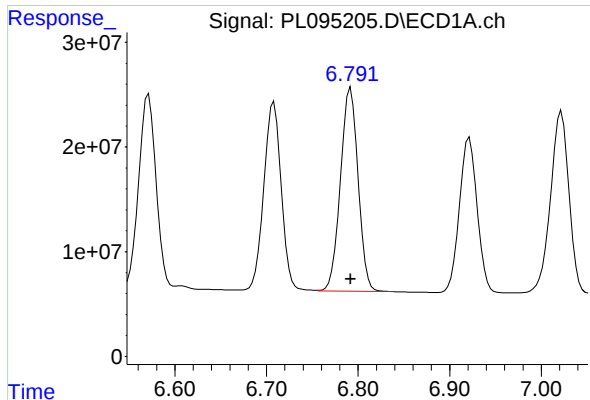
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 242710669
Conc: 98.07 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 417091677
Conc: 99.95 ng/ml



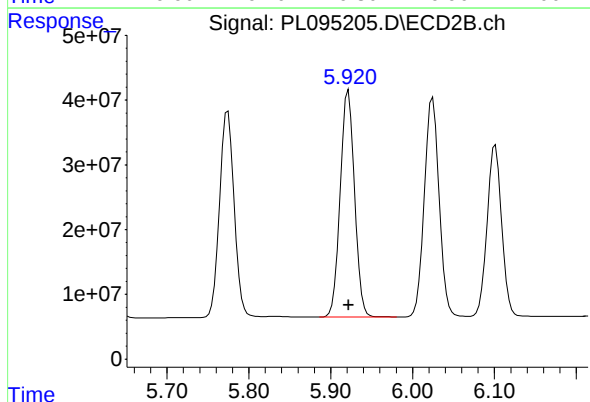
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 260891953
Conc: 97.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

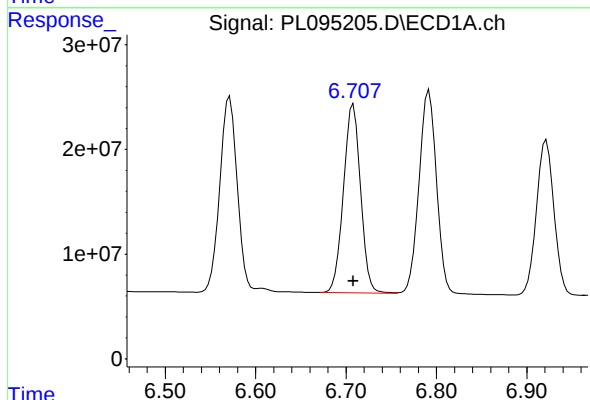
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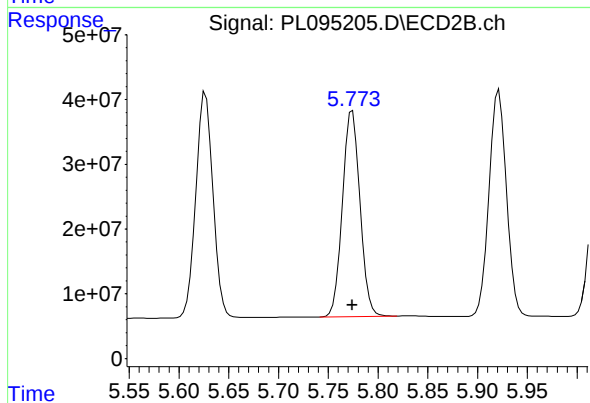
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 426485912
Conc: 99.31 ng/ml



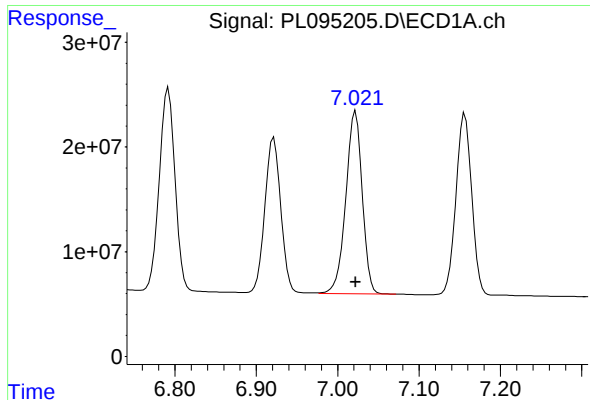
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 237226481
Conc: 98.15 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 391664416
Conc: 100.40 ng/ml



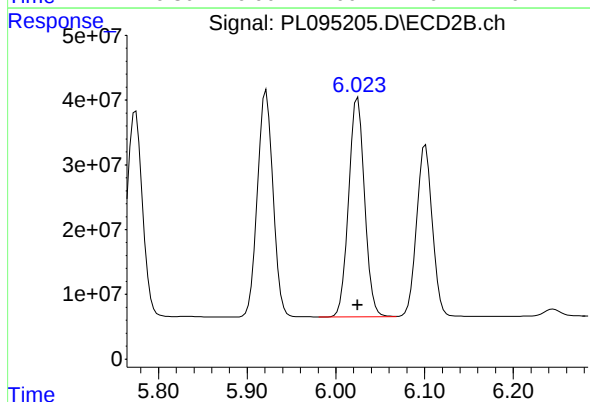
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 245043489
Conc: 98.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

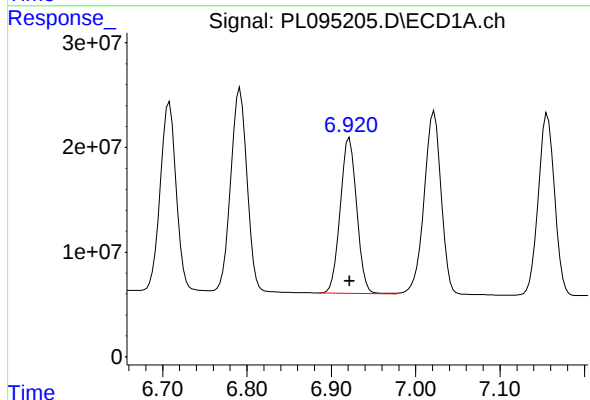
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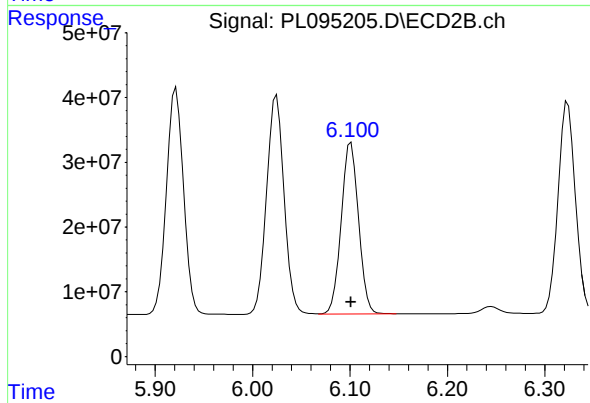
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 422699304
Conc: 100.83 ng/ml



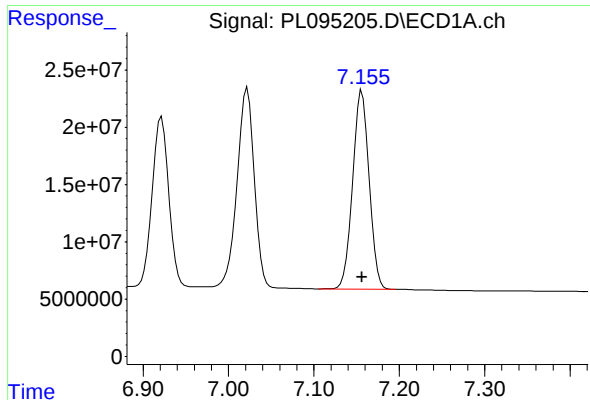
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 201277405
Conc: 97.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 326409195
Conc: 99.31 ng/ml



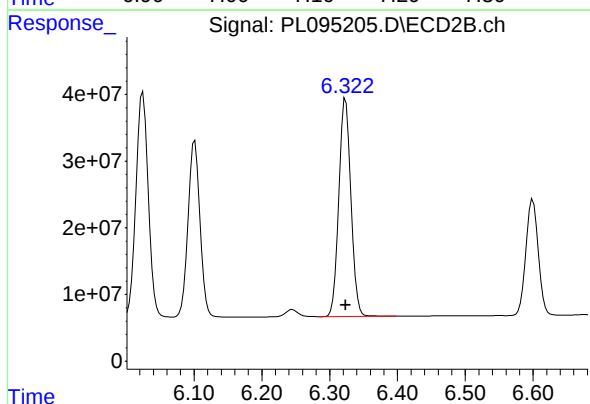
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 233329677
Conc: 96.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

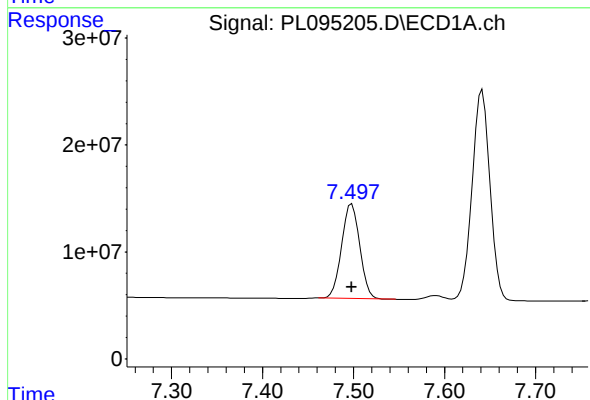
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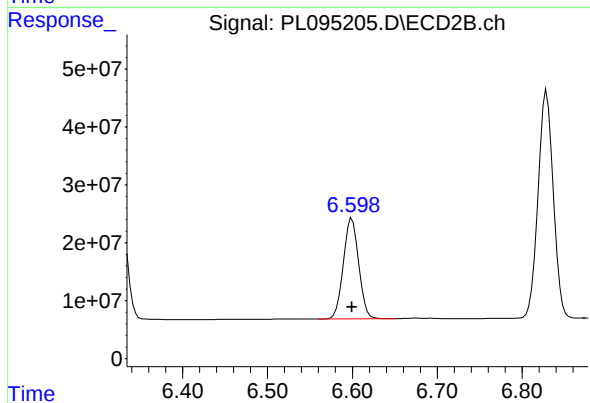
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 407554884
Conc: 99.62 ng/ml



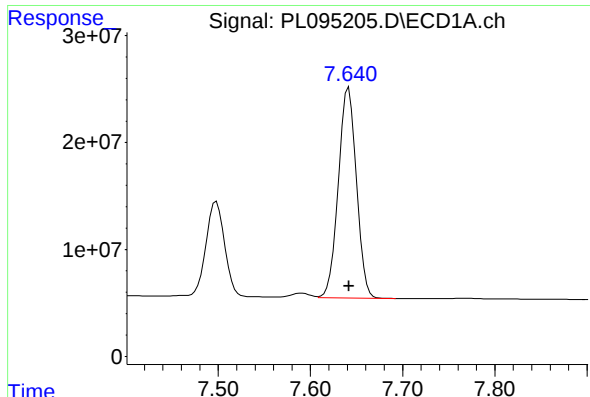
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 122769614
Conc: 96.91 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 218815609
Conc: 98.73 ng/ml



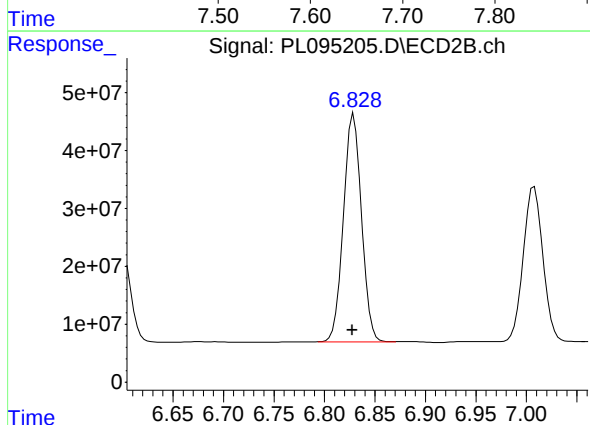
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 267401046
Conc: 97.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

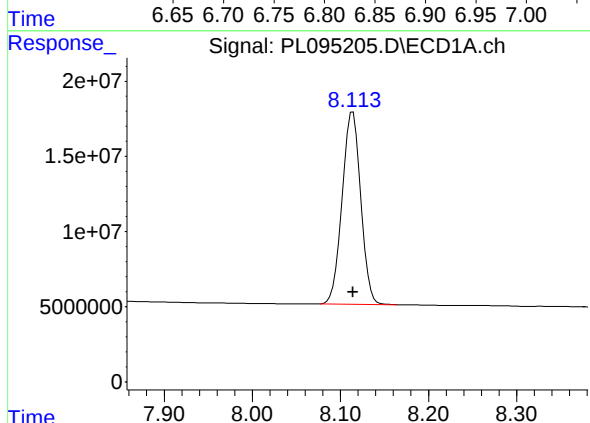
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025



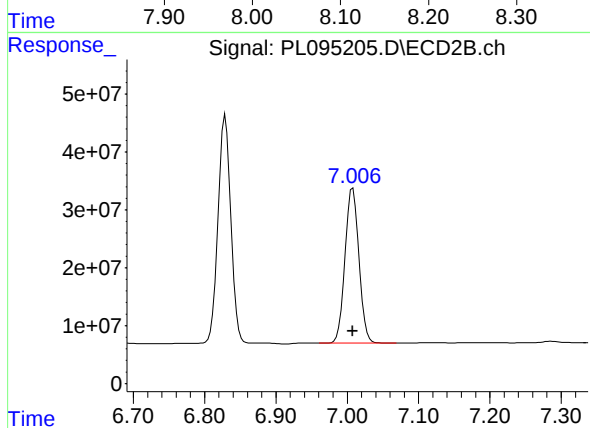
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 491152416
Conc: 99.17 ng/ml



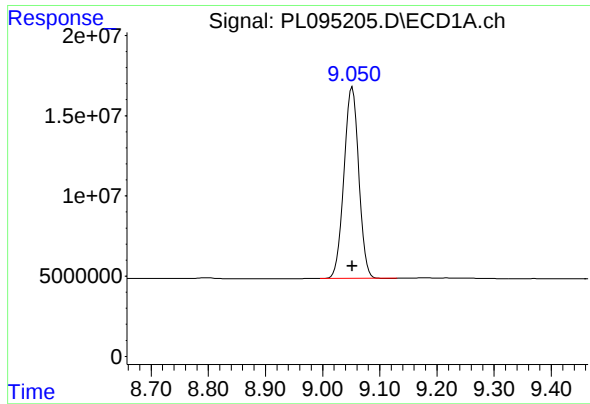
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 188165225
Conc: 96.09 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 362868358
Conc: 97.79 ng/ml



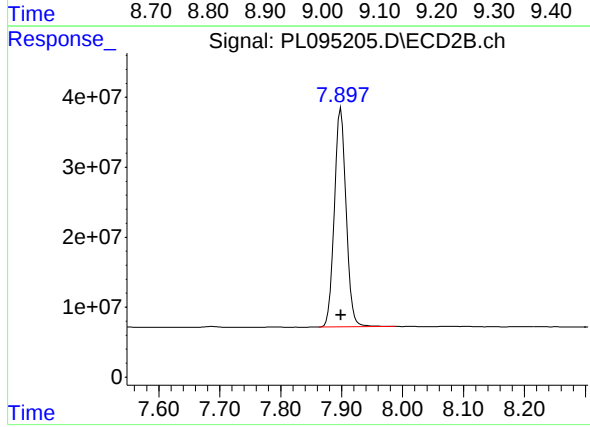
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 215264782
Conc: 96.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 419894569
Conc: 98.83 ng/ml