

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
 Data File : PL095209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2025 16:15
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

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 16:34:54 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	2.768	15760242	19719628	5.745	5.299
28) SA Decachlor...	9.052	7.900	14599984	24689507	6.064	5.612
Target Compounds						
2) A alpha-BHC	3.991	3.269	22535584	26502209	5.607	4.786
3) MA gamma-BHC...	4.324	3.599	21621373	25900849	5.622	4.921
4) MA Heptachlor	4.912	3.937	21158194	26405504	5.771	5.079
5) MB Aldrin	5.254	4.216	20536696	24443721	5.819	5.016
6) B beta-BHC	4.524	3.900	10248021	12605984	5.845	5.440
7) B delta-BHC	4.770	4.129	24052350	25291249	6.138	4.892
8) B Heptachlo...	5.681	4.719	18323392	23968309	5.707	5.246
9) A Endosulfan I	6.067	5.089	18534594	22196590	5.982	5.113
10) B gamma-Chl...	5.936	4.969	19743788	24803034	5.913m	5.149
11) B alpha-Chl...	6.016	5.032	20026557	24505960	6.033	5.170
12) B 4,4'-DDE	6.190	5.221	19244557	24592255	5.885	5.108
13) MA Dieldrin	6.342	5.353	19269017	24281503	5.848	5.059
14) MA Endrin	6.571	5.628	15020089	21425648	5.763	5.129
15) B Endosulfa...	6.792	5.923	16773629	23594627	5.881	5.374
16) A 4,4'-DDD	6.708	5.776	14433905	19702385	5.685	5.065
17) MA 4,4'-DDT	7.022	6.026	13761521	21027251	5.406	5.047
18) B Endrin al...	6.923	6.103	12843029	18288084	5.835	5.427
19) B Endosulfa...	7.158	6.326	15109637	22535858	5.880	5.396
20) A Methoxychlor	7.500	6.600	7717658	11723638	5.762	5.225m
21) B Endrin ke...	7.643	6.831	16481315	26621067	5.709	5.280
22) Mirex	8.115	7.010	12958742	23025923	6.092	5.942

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041425\
Data File : PL095209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2025 16:15
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

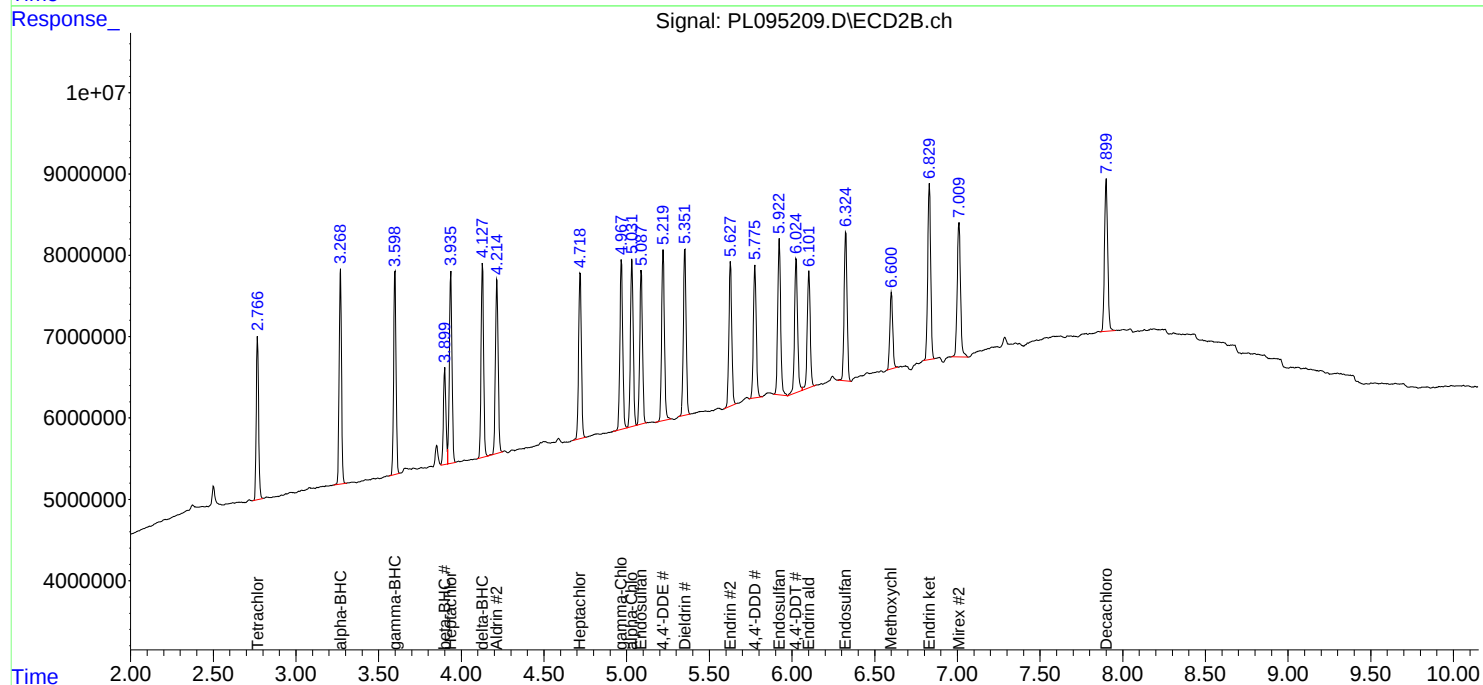
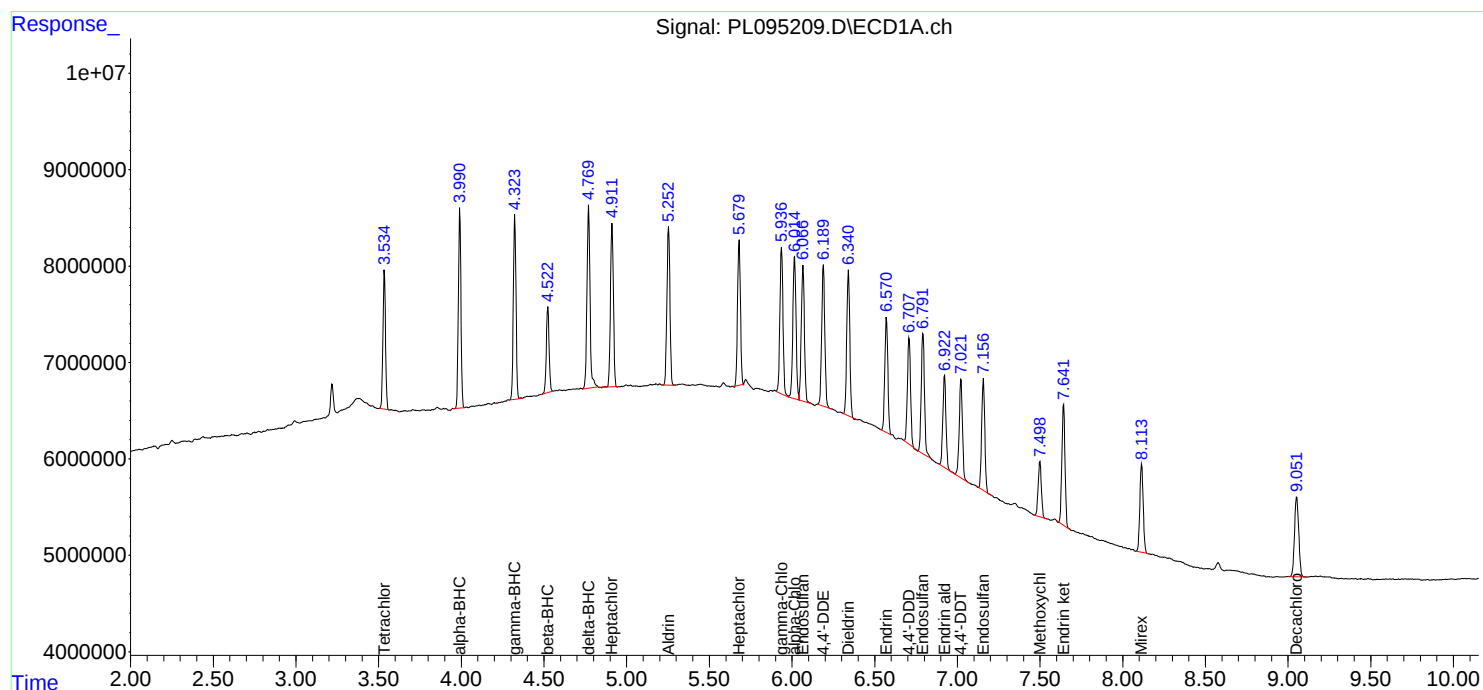
APPROVED

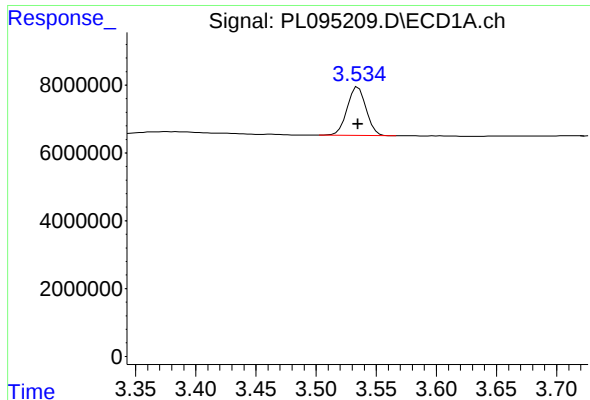
Reviewed By :Abdul Mirza 04/15/2025

Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 16:34:54 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





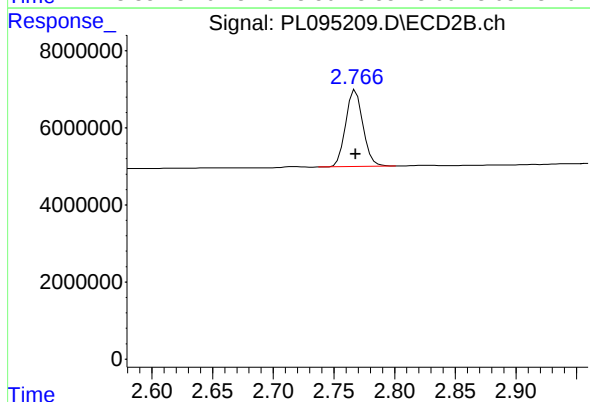
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 15760242
Conc: 5.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

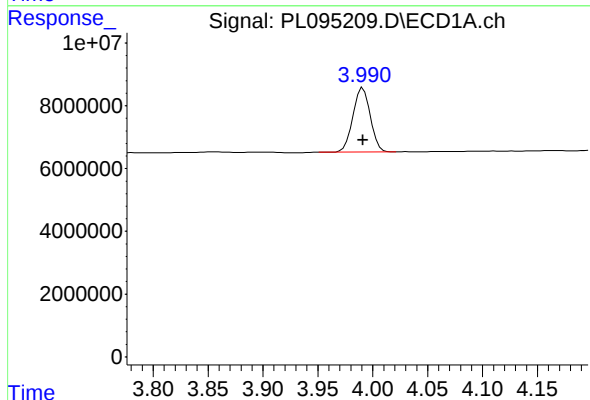
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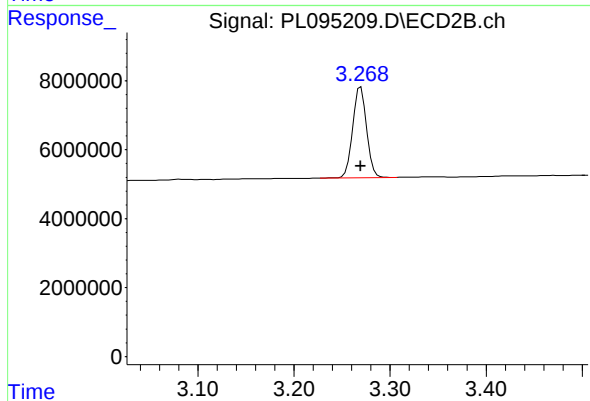
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 19719628
Conc: 5.30 ng/ml



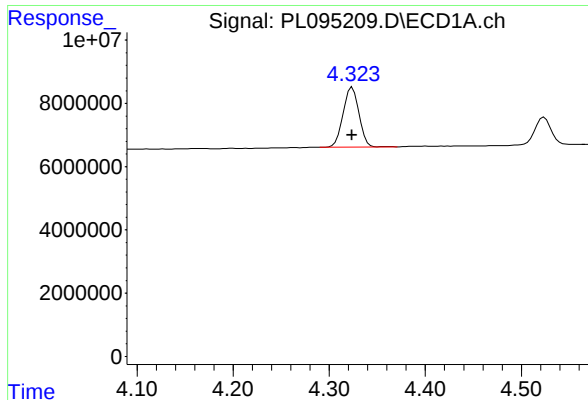
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 22535584
Conc: 5.61 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 26502209
Conc: 4.79 ng/ml



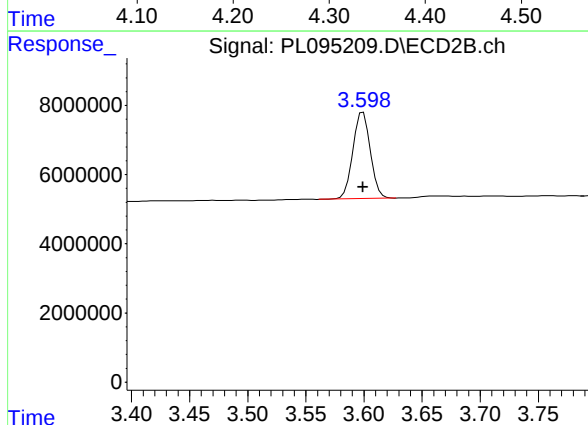
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 21621373
Conc: 5.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

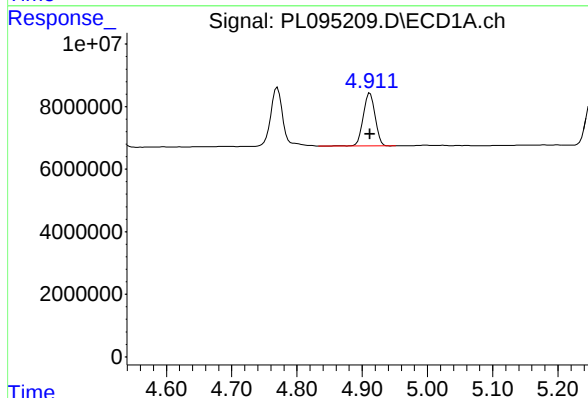
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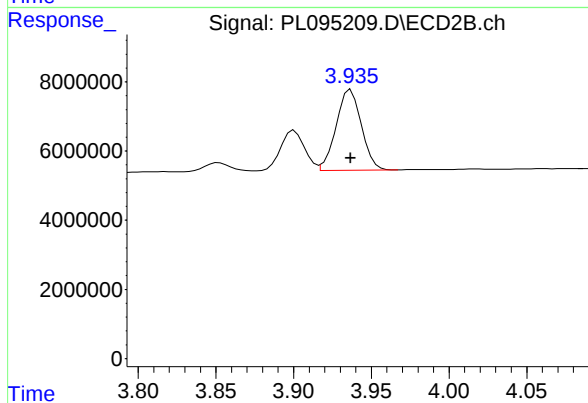
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 25900849
Conc: 4.92 ng/ml



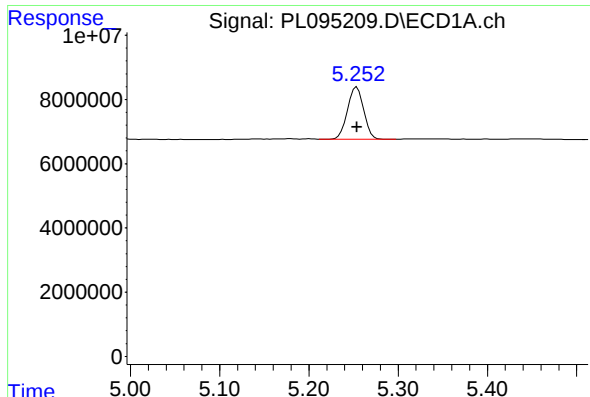
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 21158194
Conc: 5.77 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 26405504
Conc: 5.08 ng/ml



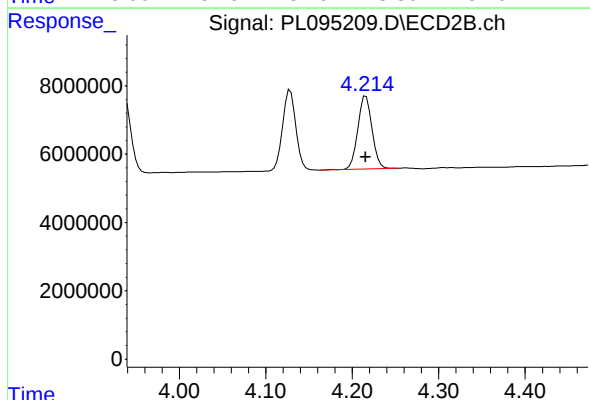
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 20536696
Conc: 5.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

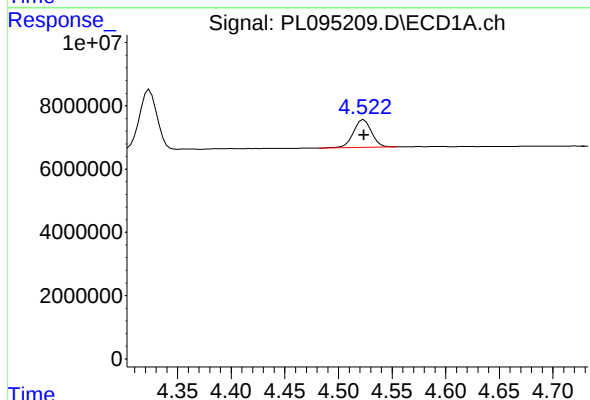
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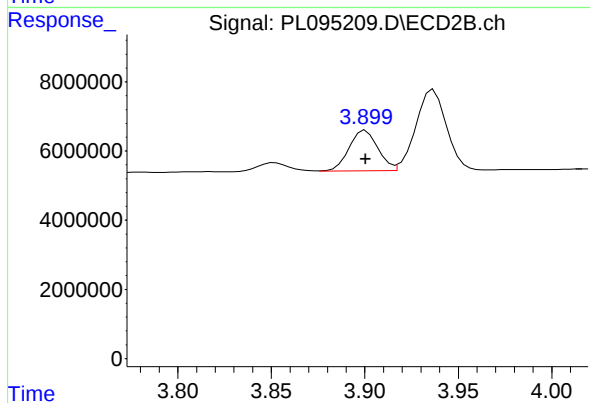
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 24443721
Conc: 5.02 ng/ml



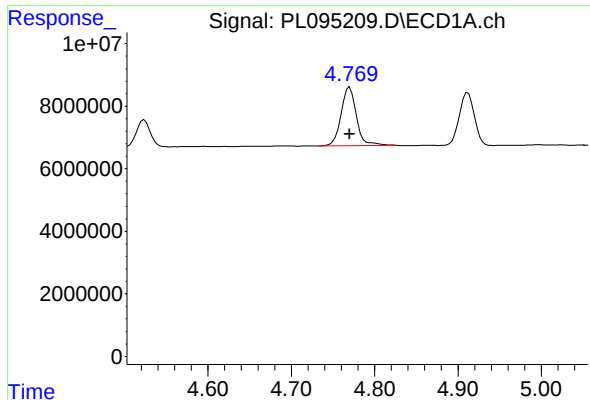
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 10248021
Conc: 5.85 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 12605984
Conc: 5.44 ng/ml



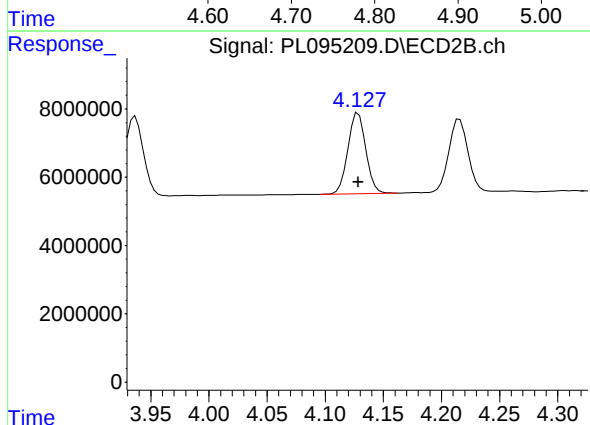
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 24052350
Conc: 6.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

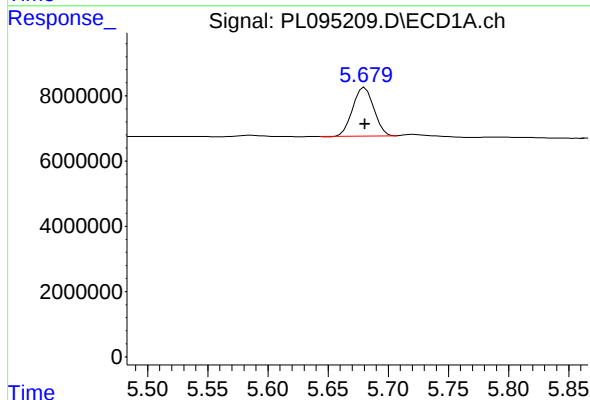
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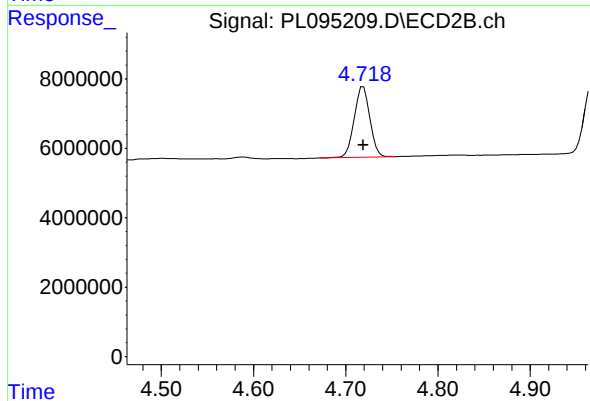
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 25291249
Conc: 4.89 ng/ml



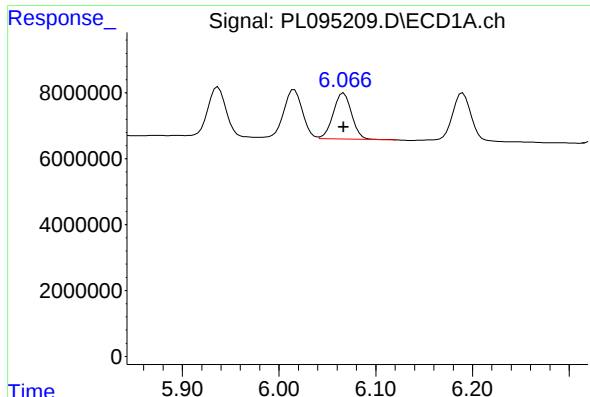
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 18323392
Conc: 5.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 23968309
Conc: 5.25 ng/ml



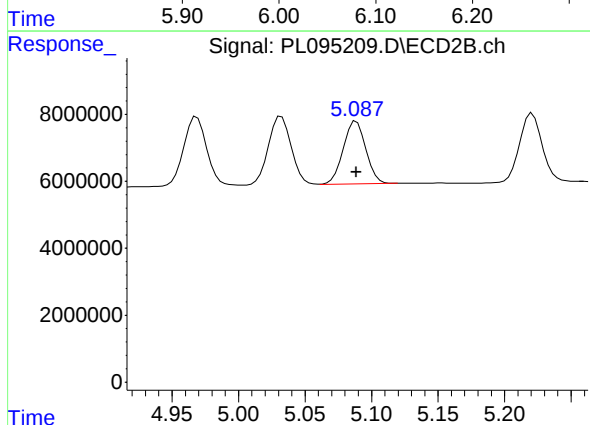
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 18534594
Conc: 5.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

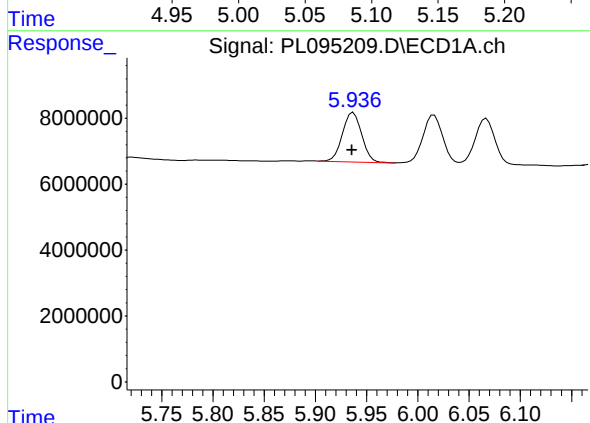
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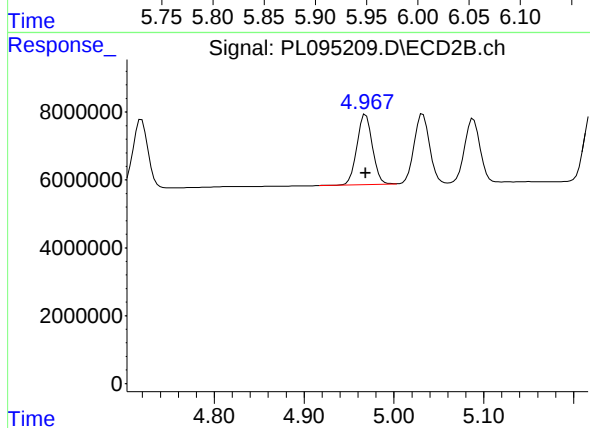
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 22196590
Conc: 5.11 ng/ml



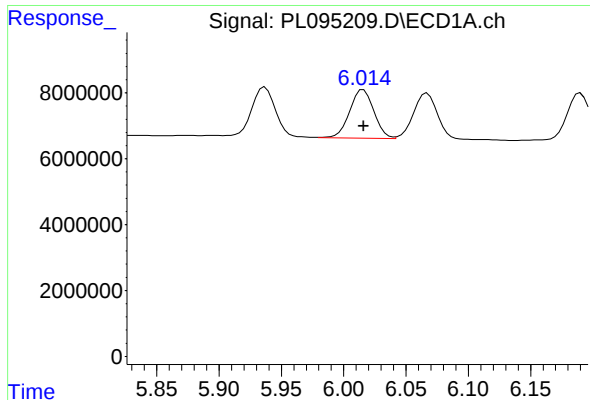
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 19743788
Conc: 5.91 ng/ml m



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 24803034
Conc: 5.15 ng/ml



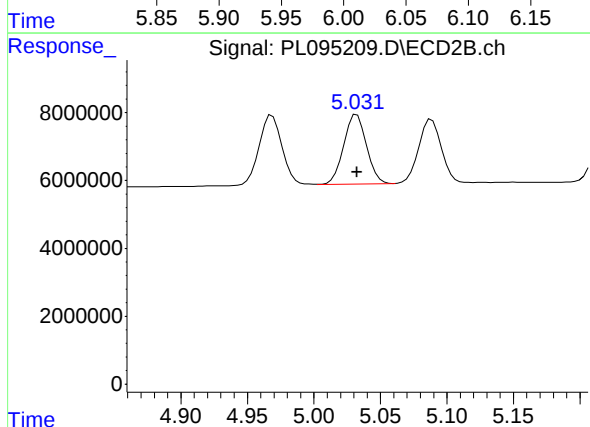
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 20026557
Conc: 6.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

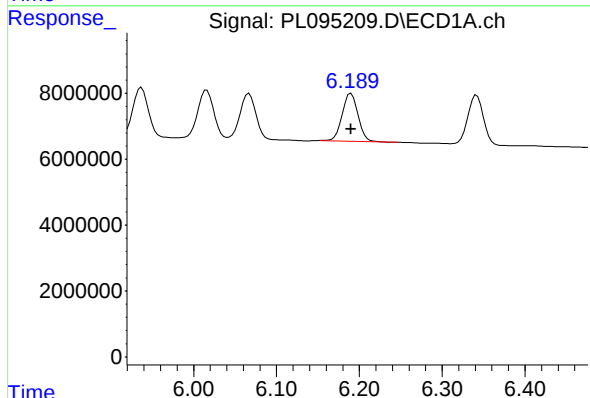
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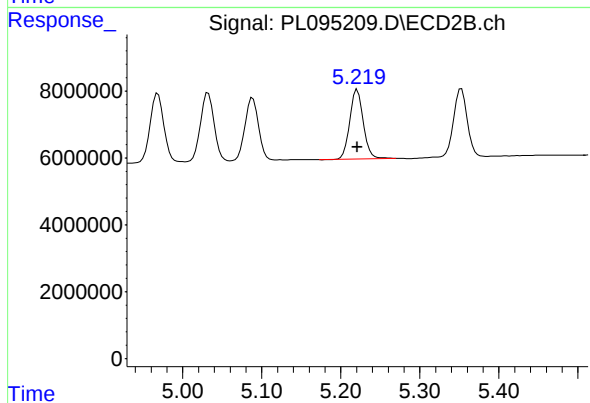
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 24505960
Conc: 5.17 ng/ml



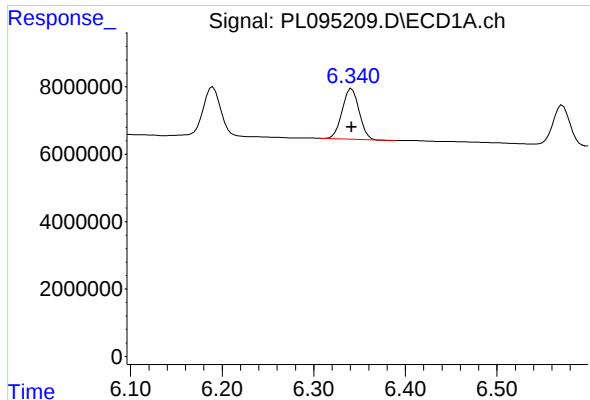
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 19244557
Conc: 5.89 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 24592255
Conc: 5.11 ng/ml



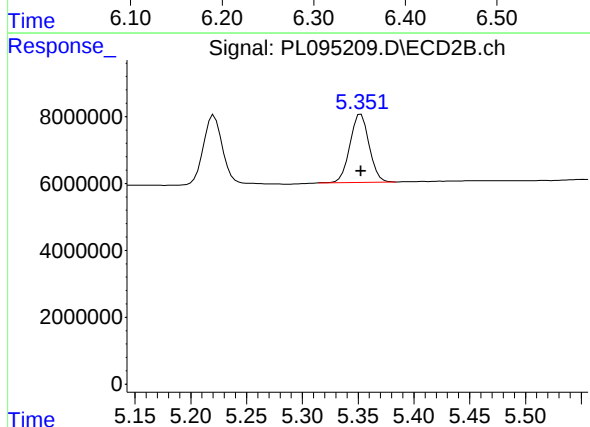
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 19269017
Conc: 5.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

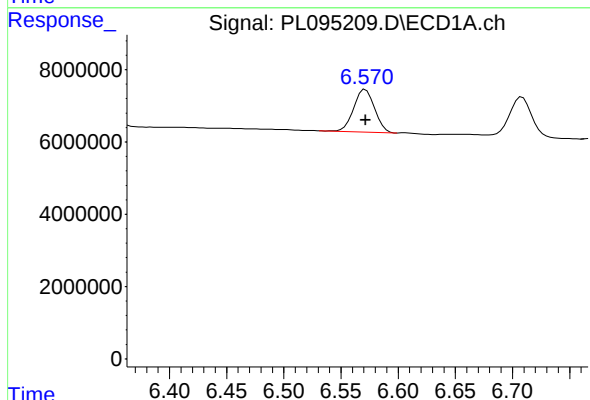
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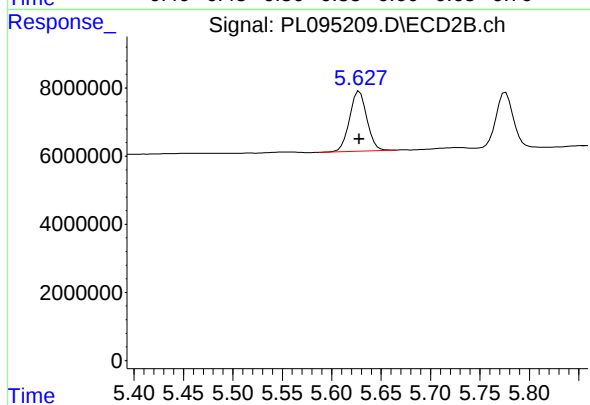
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 24281503
Conc: 5.06 ng/ml



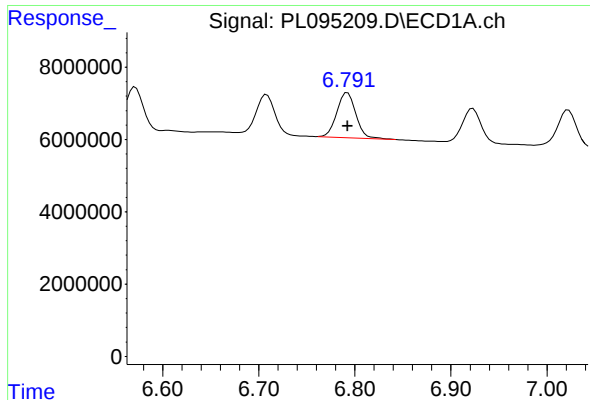
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 15020089
Conc: 5.76 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 21425648
Conc: 5.13 ng/ml



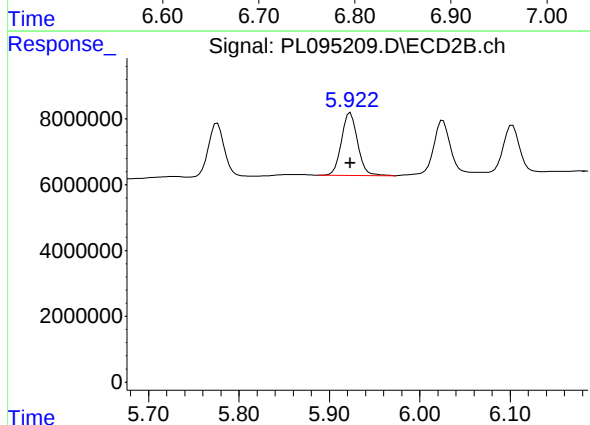
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 16773629
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

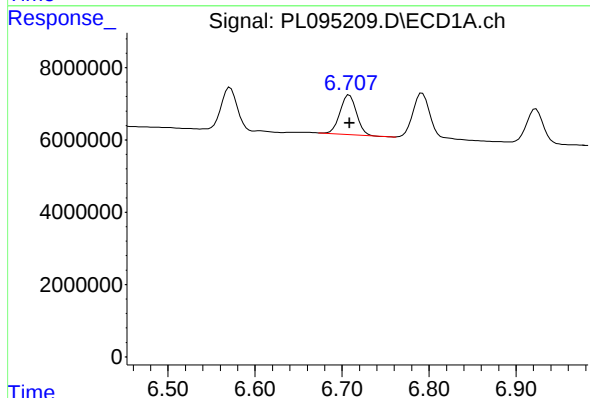
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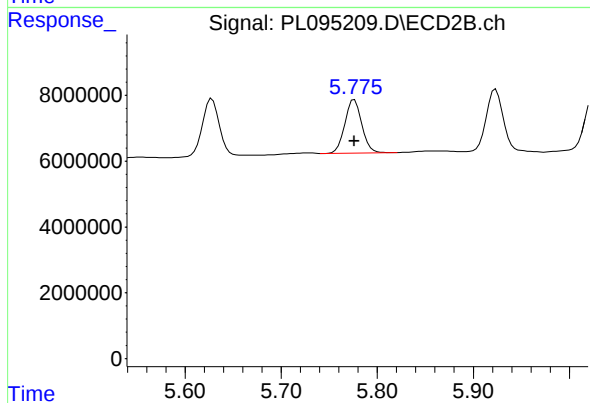
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 23594627
Conc: 5.37 ng/ml



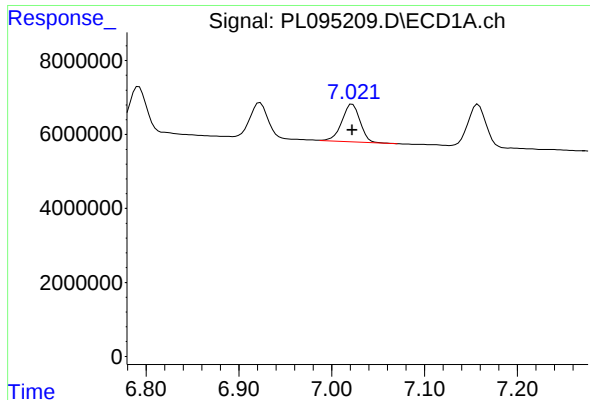
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 14433905
Conc: 5.68 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 19702385
Conc: 5.06 ng/ml



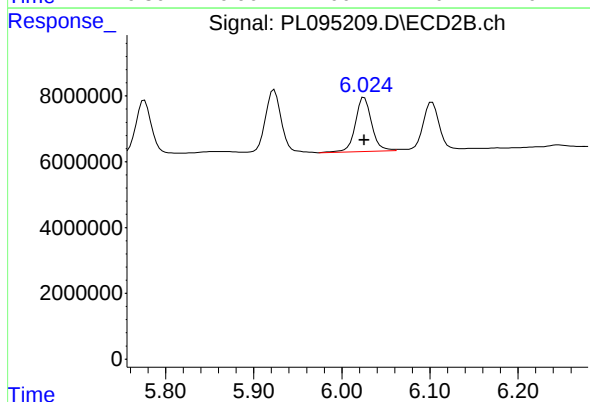
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 13761521
Conc: 5.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

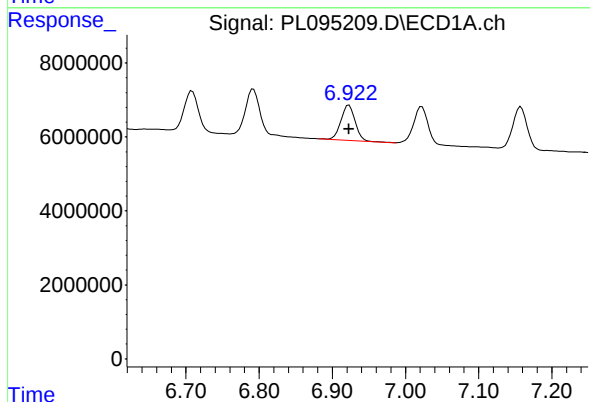
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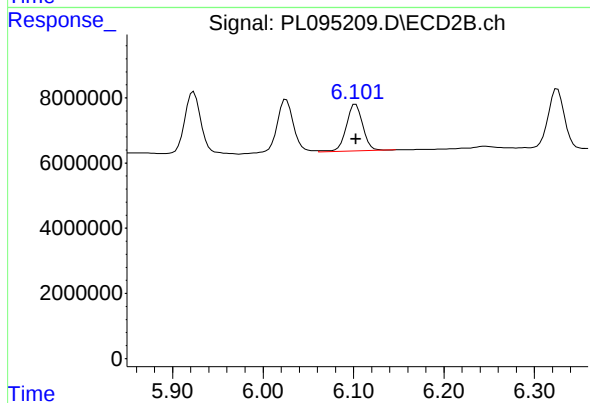
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 21027251
Conc: 5.05 ng/ml



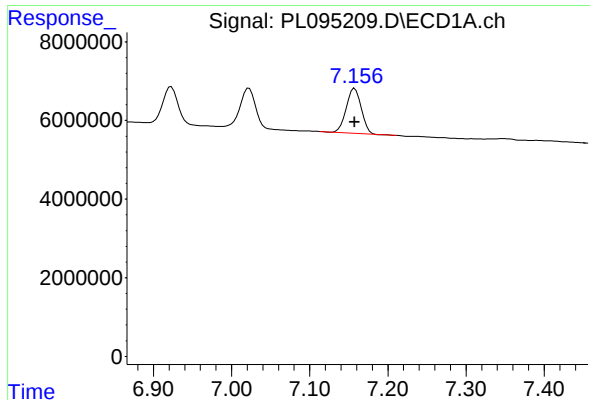
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 12843029
Conc: 5.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 18288084
Conc: 5.43 ng/ml



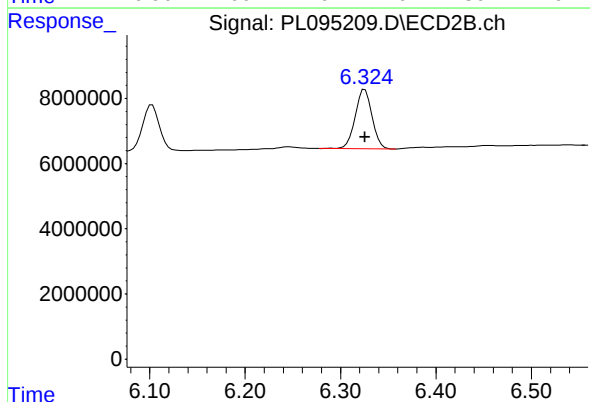
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 15109637
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

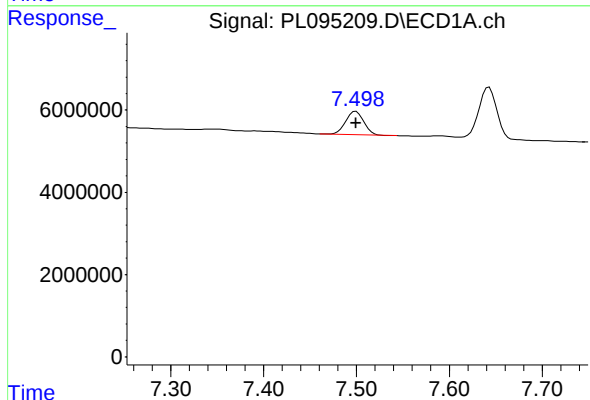
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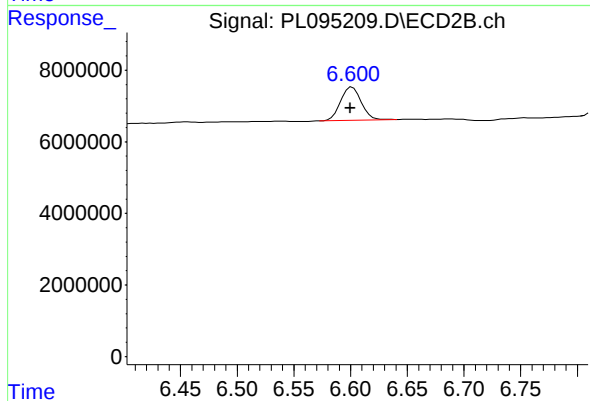
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 22535858
Conc: 5.40 ng/ml



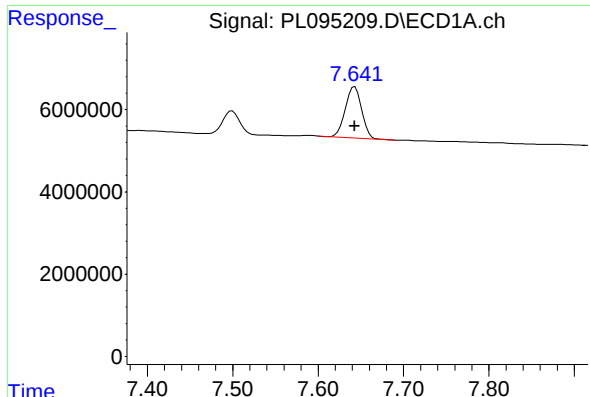
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 7717658
Conc: 5.76 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 11723638
Conc: 5.22 ng/ml m



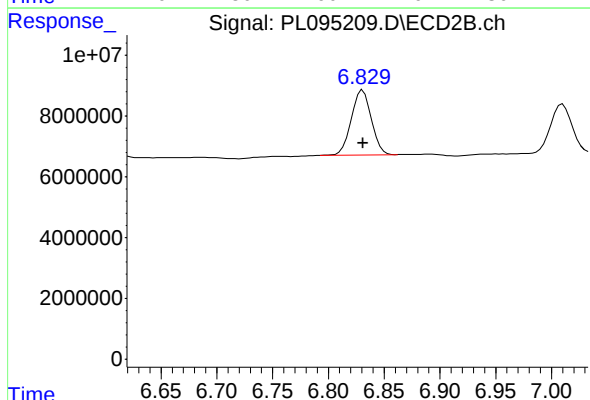
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 16481315
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

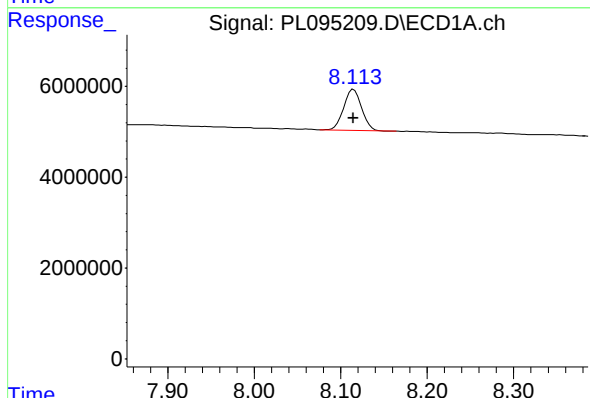
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Reviewed By :Abdul Mirza 04/15/2025
Supervised By :mohammad ahmed 04/16/2025



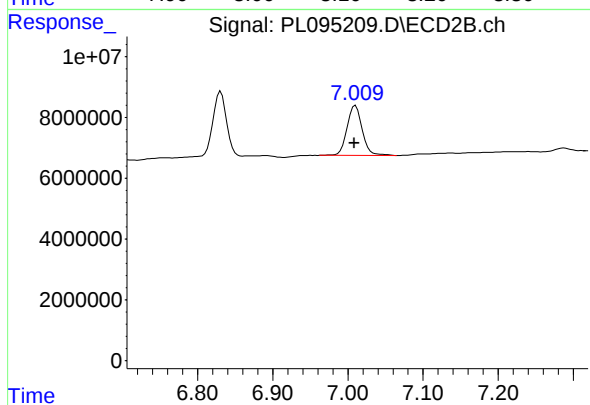
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 26621067
Conc: 5.28 ng/ml



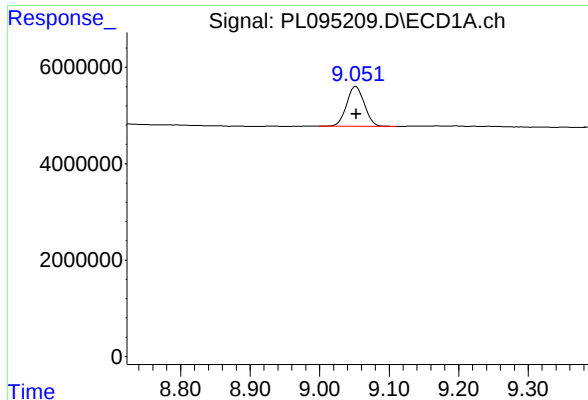
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 12958742
Conc: 6.09 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: 0.001 min
Response: 23025923
Conc: 5.94 ng/ml



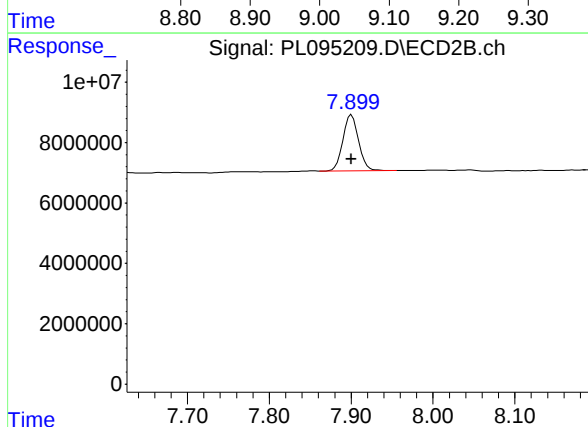
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 14599984
Conc: 6.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/16/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 24689507
Conc: 5.61 ng/ml