

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
 Data File : PL096142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 13:24
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 13:37:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 23 13:36:49 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...	3.570	2.880	17679756	22022508	5.136	5.019
28) SA Decachlor...	9.110	8.062	14682843	28307932	5.508	5.260
Target Compounds						
2) A alpha-BHC	4.021	3.389	25411674	29841411	4.743	4.508
3) MA gamma-BHC...	4.353	3.722	24509119	29442819	4.894	4.679
4) MA Heptachlor	4.949	4.074	23343638	30681856	4.923m	4.864
5) MB Aldrin	5.292	4.358	24607324	27922626	5.175	4.722
6) B beta-BHC	4.540	4.018	11056030	13964144	5.169	5.064
7) B delta-BHC	4.787	4.252	23845910	28951293	4.888m	4.604
8) B Heptachlo...	5.713	4.860	25073747	29986438	5.718	5.224
9) A Endosulfan I	6.096	5.232	21360959	38688331	5.314	6.609m
10) B gamma-Chl...	5.968	5.112	22241373	29943852	5.114	4.973m
11) B alpha-Chl...	6.048	5.177	22607245	35083343	5.232	5.727m
12) B 4,4'-DDE	6.219	5.366	19903392	28654759	4.978	4.870
13) MA Dieldrin	6.369	5.497	22079006	29271312	5.123	4.929m
14) MA Endrin	6.597	5.775	18395829	28167059	5.162	5.154
15) B Endosulfa...	6.810	6.067	24679191	26990756	6.373	5.048
16) A 4,4'-DDD	6.730	5.918	16710150	24730385	5.079	5.065m
17) MA 4,4'-DDT	7.046	6.174	16755654	27634268	5.125	5.034
18) B Endrin al...	6.940	6.245	14258079	26120394	5.439	6.247
19) B Endosulfa...	7.174	6.469	18341292	25772862	5.430	5.033
20) A Methoxychlor	7.522	6.747	8715166	15117791	5.293	5.150
21) B Endrin ke...	7.657	6.976	19458144	31025669	5.389	5.191
22) Mirex	8.139	7.168	15750444	25673717	5.767	5.326m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
Data File : PL096142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 13:24
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

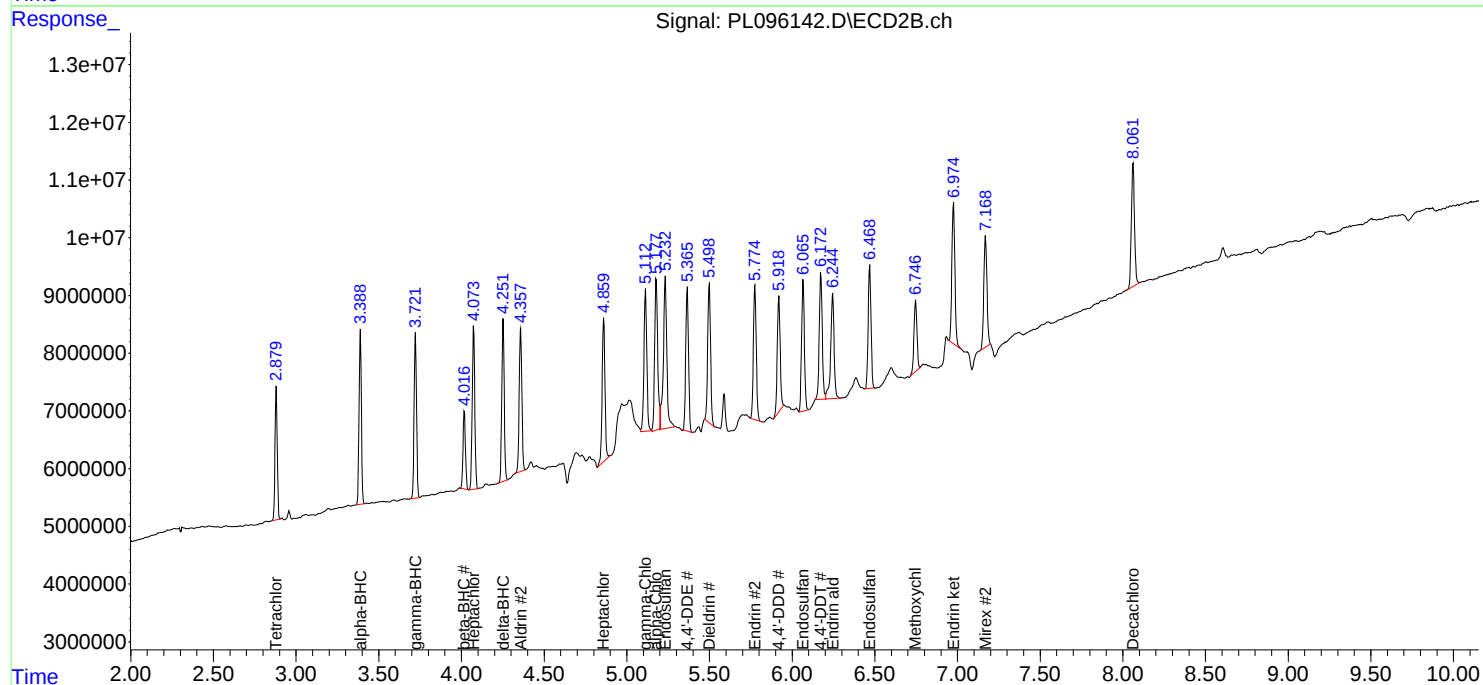
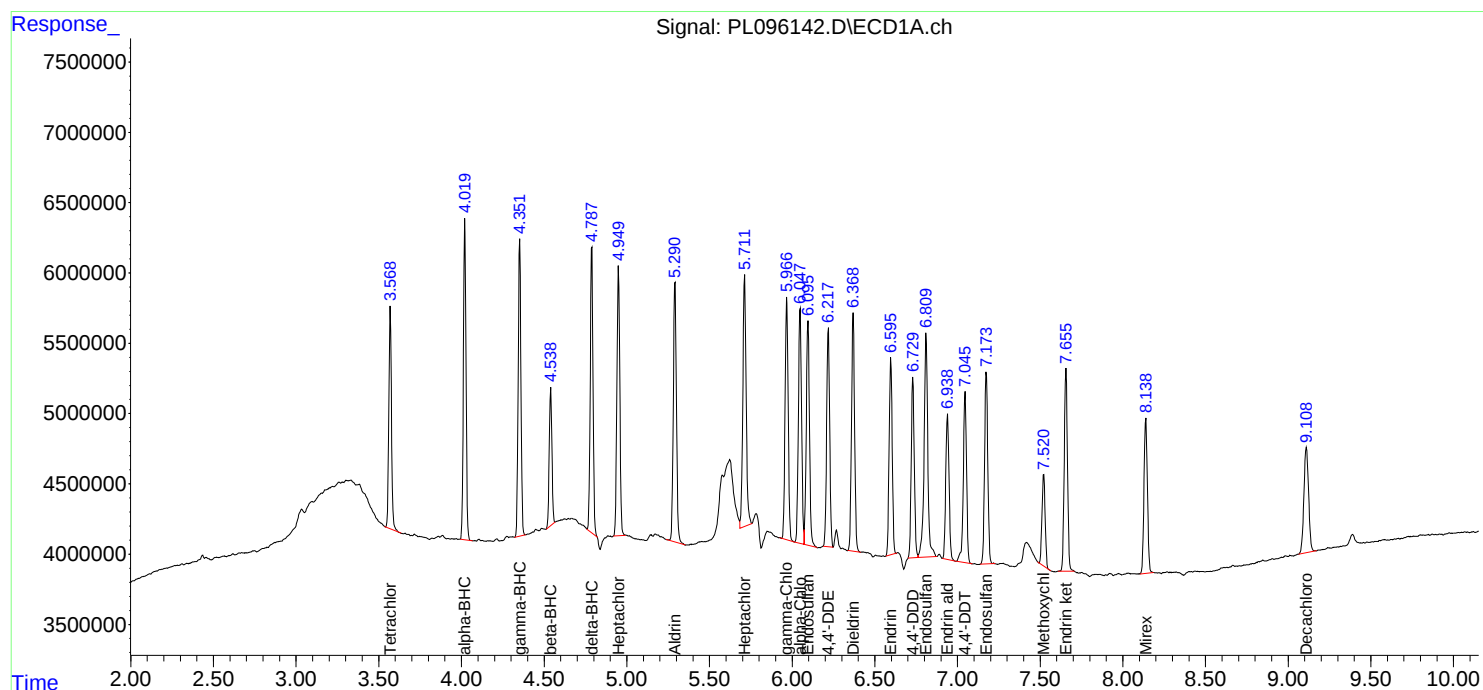
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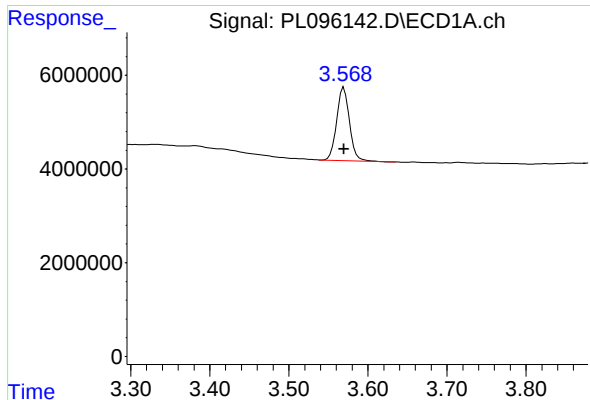
Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 13:37:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
Quant Title : GC Extractables
QLast Update : Mon Jun 23 13:36:49 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





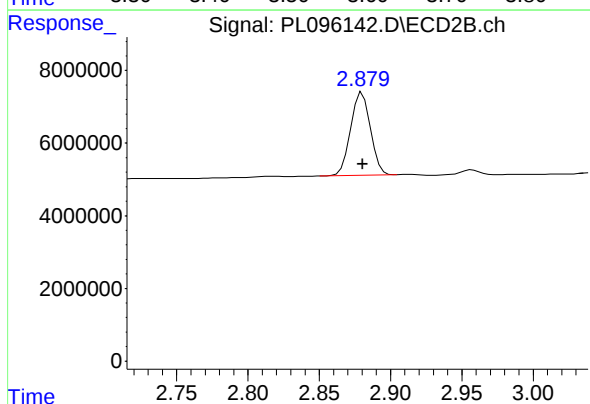
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 17679756
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

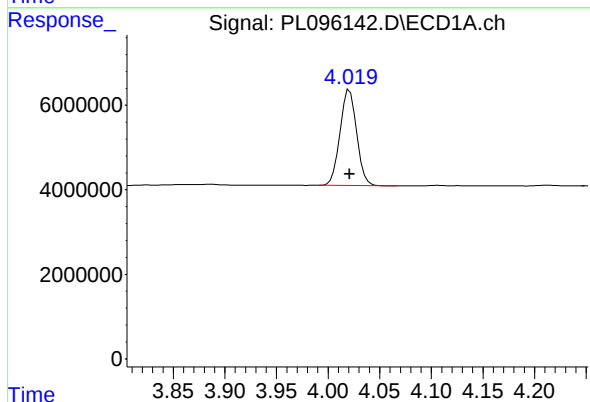
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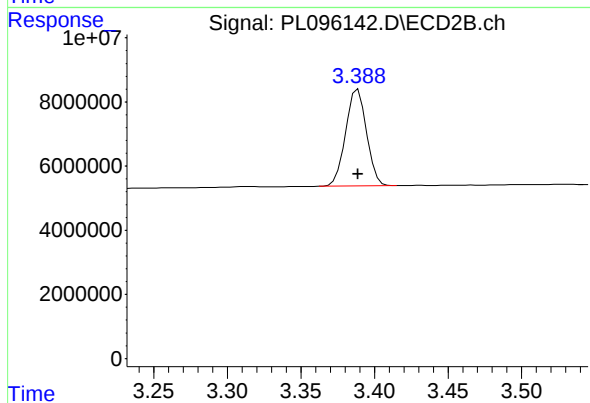
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 22022508
Conc: 5.02 ng/ml



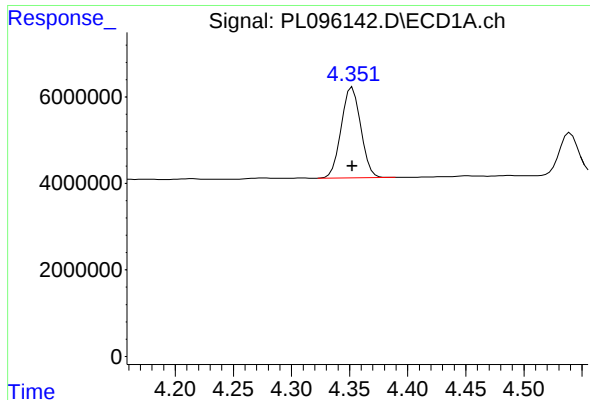
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 25411674
Conc: 4.74 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 29841411
Conc: 4.51 ng/ml



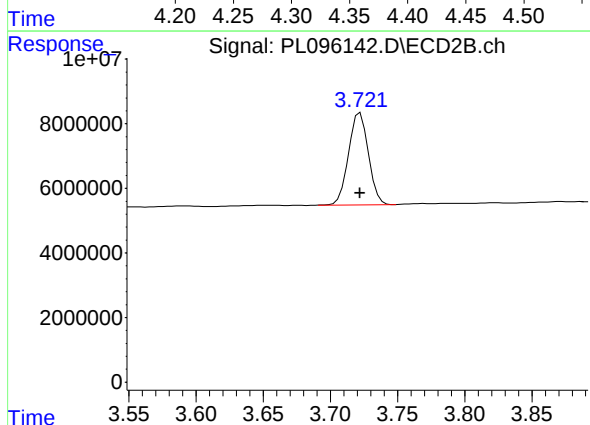
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 24509119
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

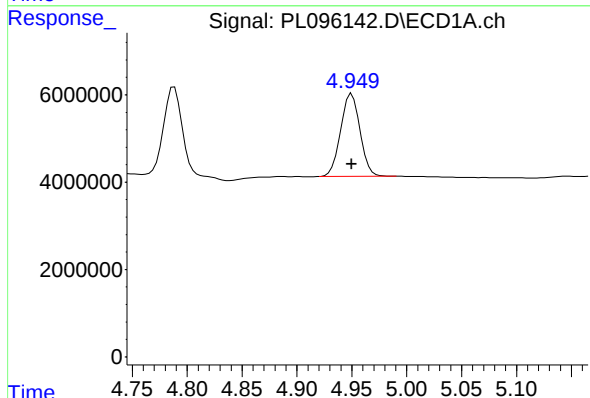
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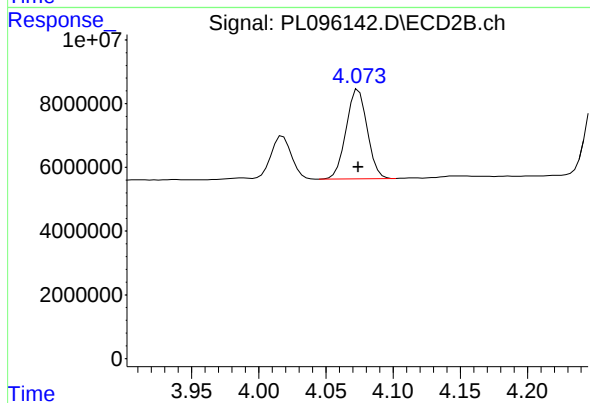
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 29442819
Conc: 4.68 ng/ml



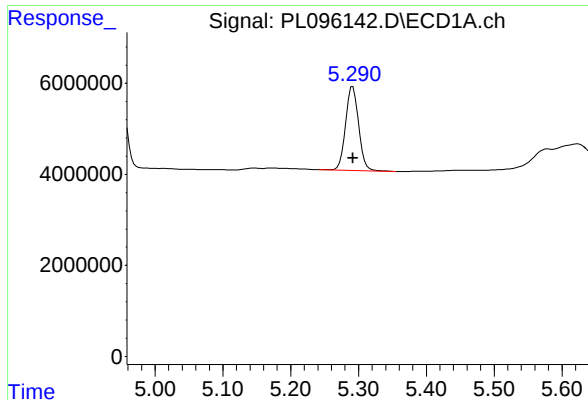
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 23343638
Conc: 4.92 ng/ml m



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 30681856
Conc: 4.86 ng/ml



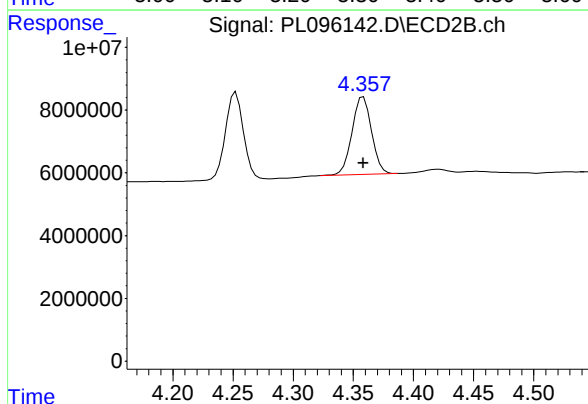
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 24607324
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

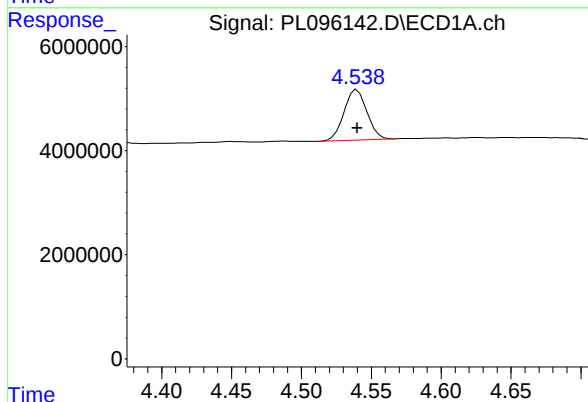
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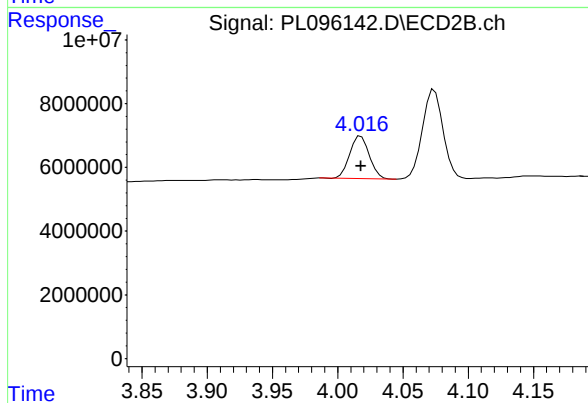
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 27922626
Conc: 4.72 ng/ml



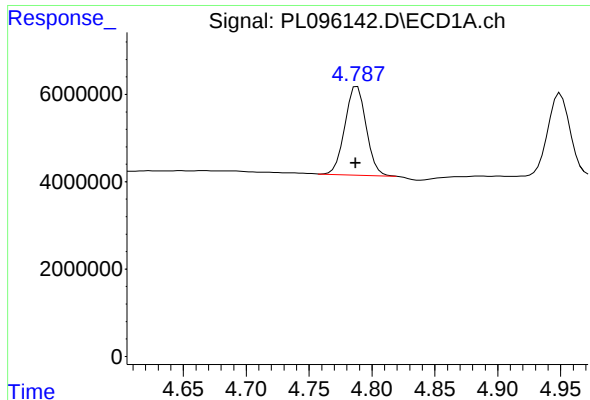
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 11056030
Conc: 5.17 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 13964144
Conc: 5.06 ng/ml



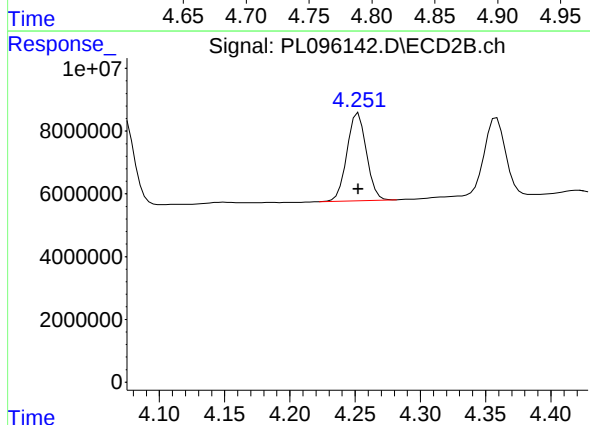
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 23845910
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

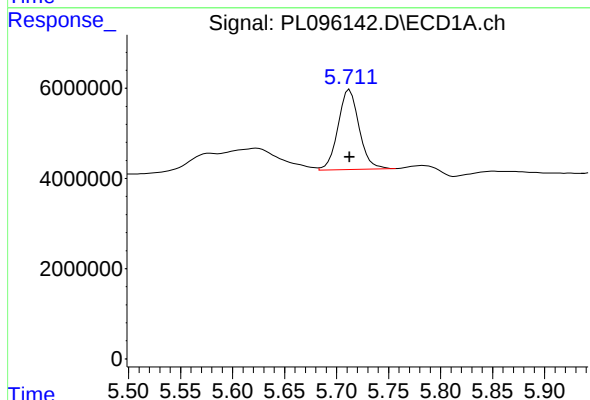
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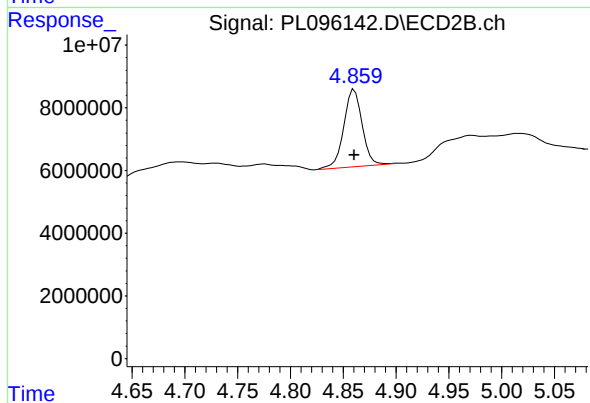
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 28951293
Conc: 4.60 ng/ml



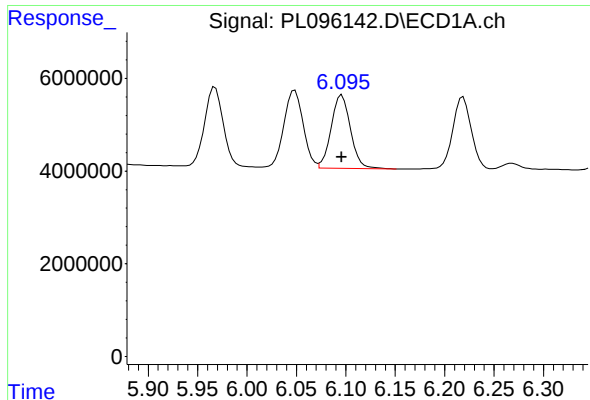
#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 25073747
Conc: 5.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 29986438
Conc: 5.22 ng/ml



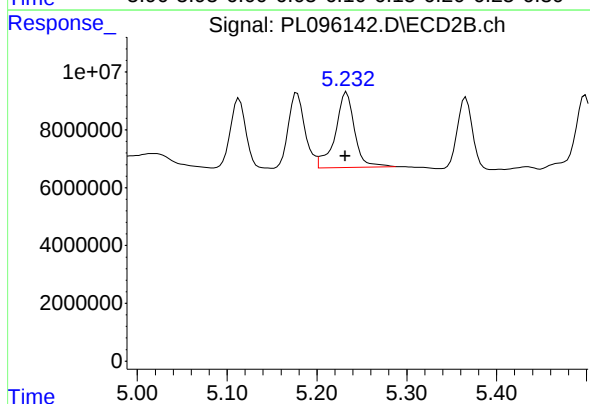
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 21360959
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

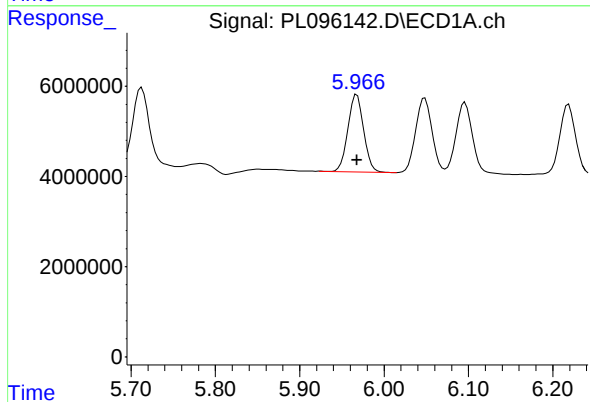
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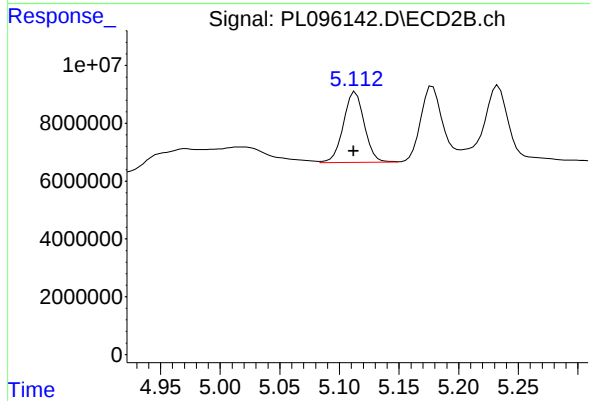
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 38688331
Conc: 6.61 ng/ml m



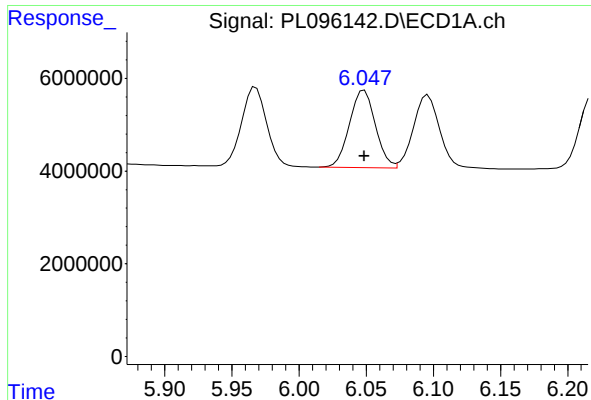
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 22241373
Conc: 5.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 29943852
Conc: 4.97 ng/ml m



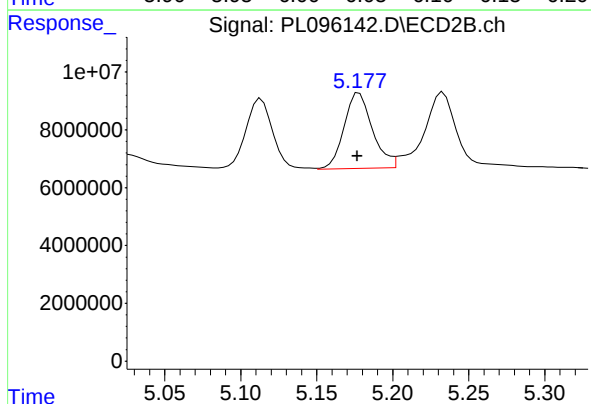
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 22607245
Conc: 5.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

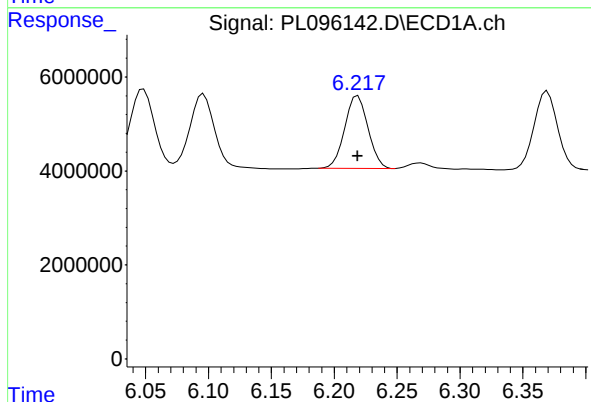
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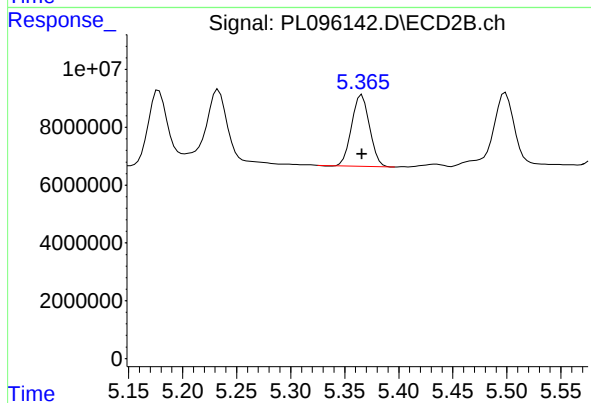
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 35083343
Conc: 5.73 ng/ml m



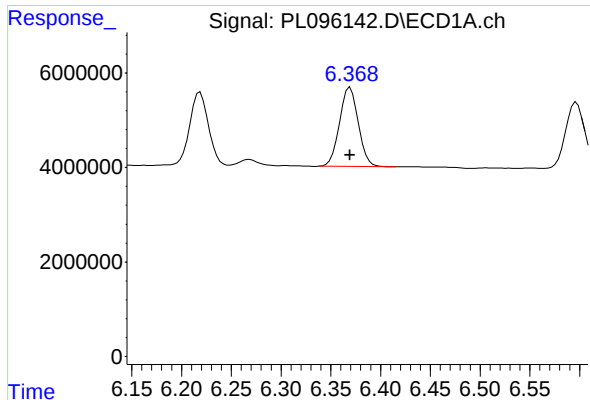
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 19903392
Conc: 4.98 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 28654759
Conc: 4.87 ng/ml



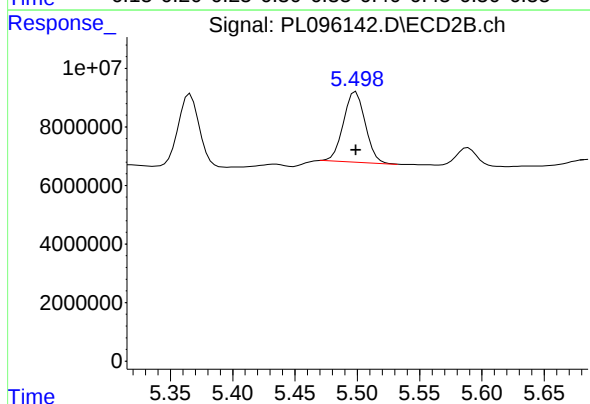
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 22079006
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

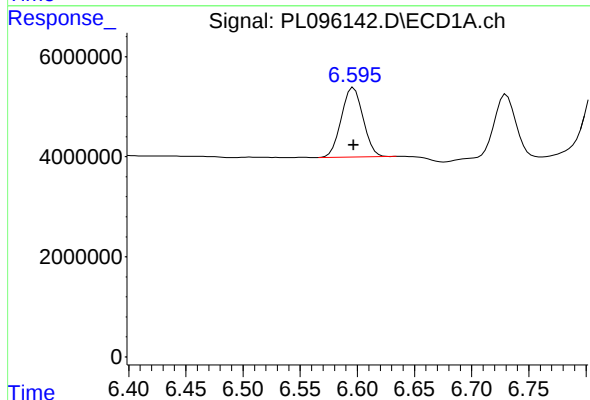
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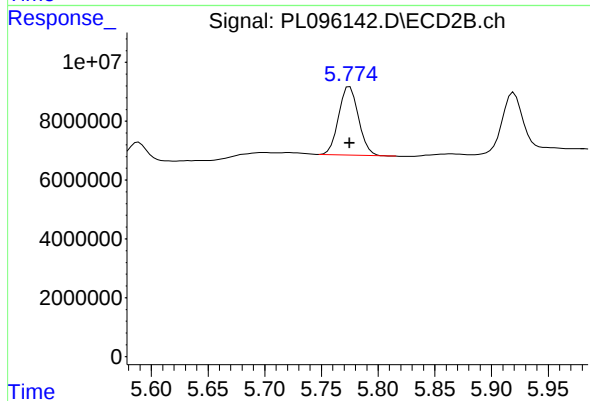
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: -0.001 min
Response: 29271312
Conc: 4.93 ng/ml m



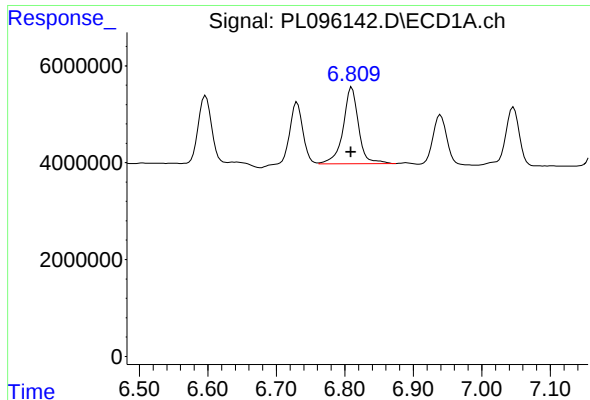
#14 Endrin

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 18395829
Conc: 5.16 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 28167059
Conc: 5.15 ng/ml



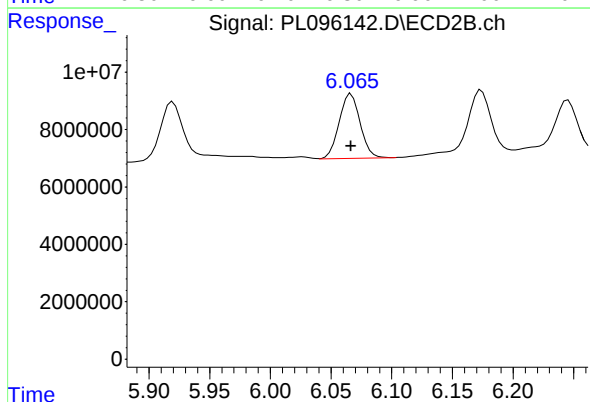
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 24679191
Conc: 6.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

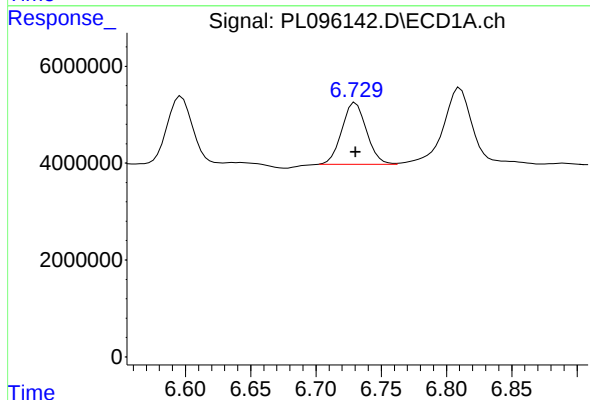
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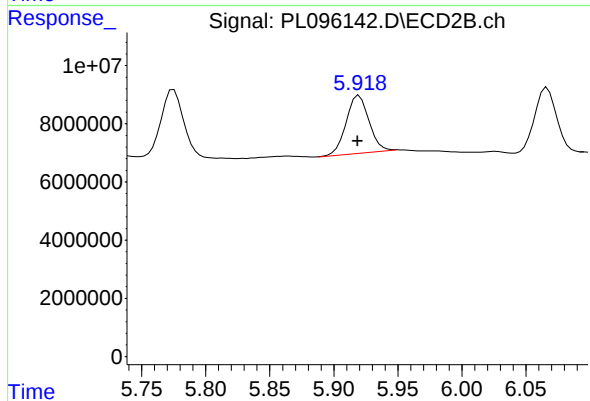
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 26990756
Conc: 5.05 ng/ml



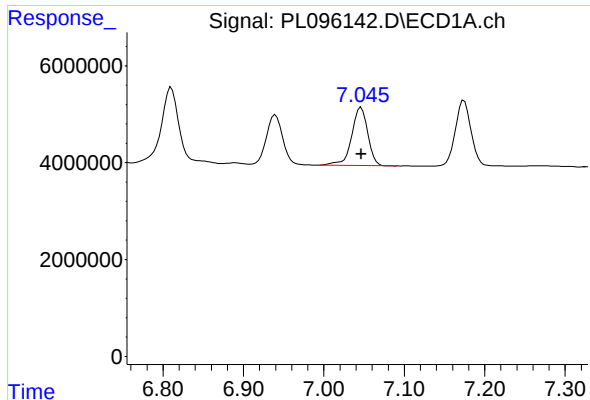
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 16710150
Conc: 5.08 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 24730385
Conc: 5.07 ng/ml m



#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 16755654
Conc: 5.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

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#17 4,4'-DDT

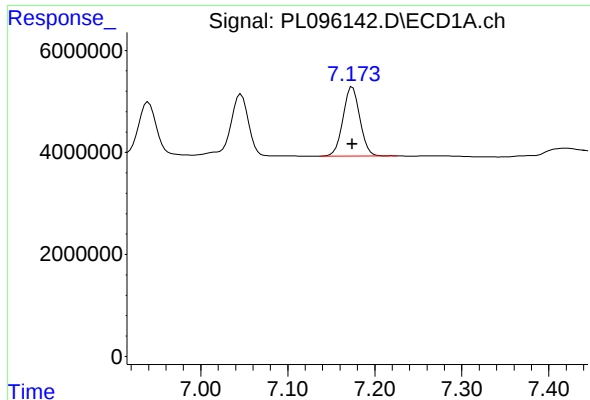
R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 27634268
Conc: 5.03 ng/ml

#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 14258079
Conc: 5.44 ng/ml

#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: 0.000 min
Response: 26120394
Conc: 6.25 ng/ml



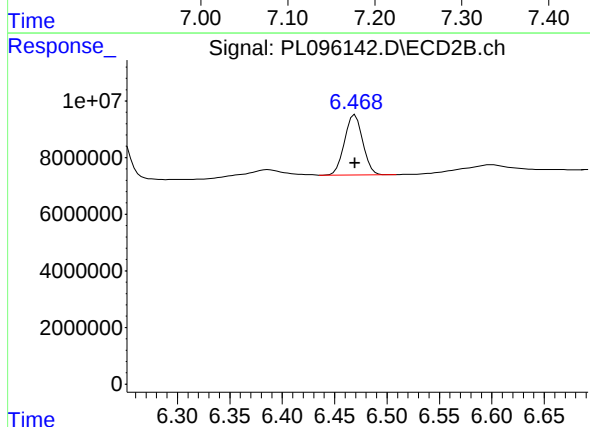
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 18341292
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

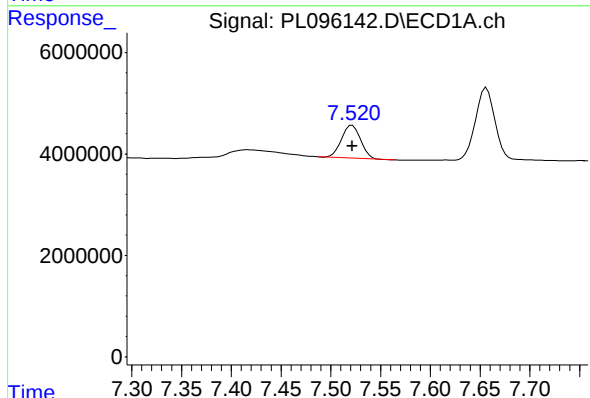
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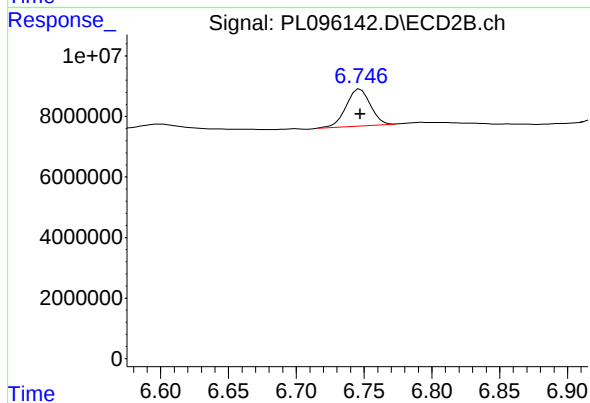
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 25772862
Conc: 5.03 ng/ml



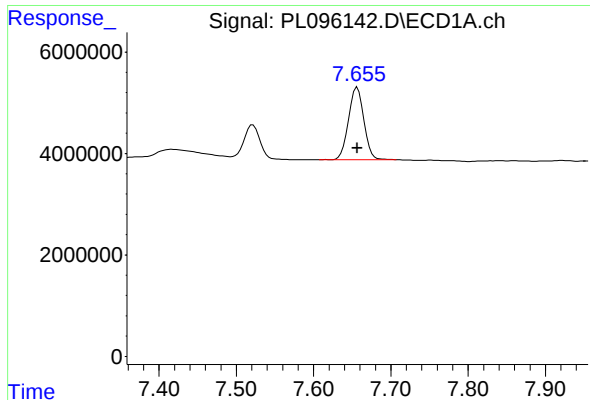
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.000 min
Response: 8715166
Conc: 5.29 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 15117791
Conc: 5.15 ng/ml



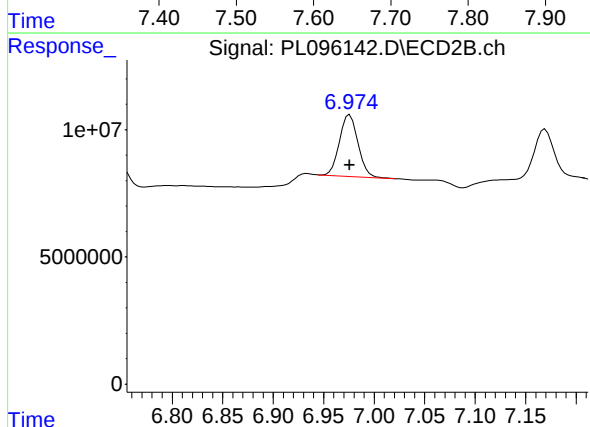
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 19458144
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

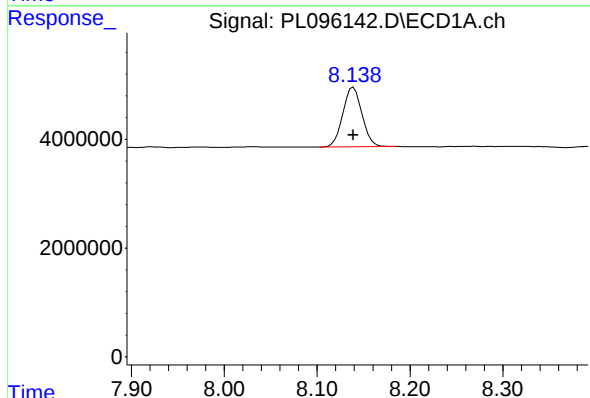
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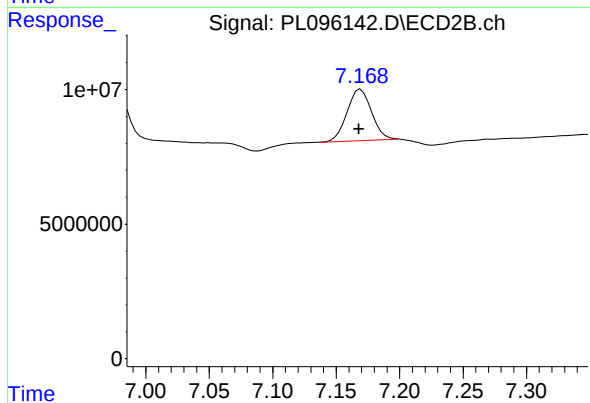
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 31025669
Conc: 5.19 ng/ml



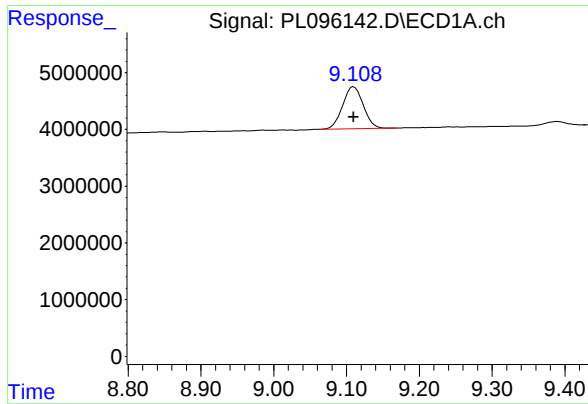
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 15750444
Conc: 5.77 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 25673717
Conc: 5.33 ng/ml m



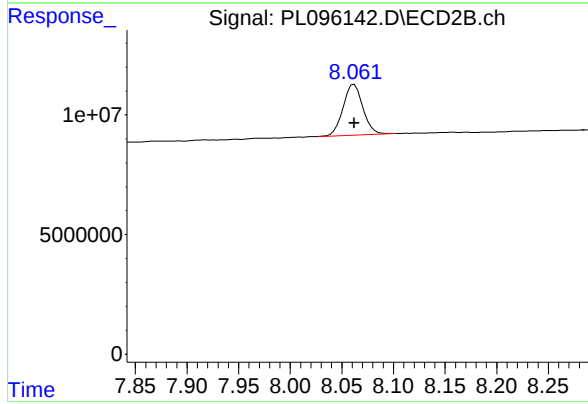
#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: 0.000 min
Response: 14682843
Conc: 5.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/25/2025
Supervised By :mohammad ahmed 06/26/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 28307932
Conc: 5.26 ng/ml