

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
 Data File : PL097275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2025 18:00
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2025
 Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 04:45:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 04:43:39 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...	3.527	2.824	23772791	35198466	5.324	5.457
2) SA Decachlor...	9.001	7.984	18285769	33532264	5.737	6.142
Target Compounds						
2) A alpha-BHC	3.974	3.328	33487008	48361581	4.770	4.829
3) MA gamma-BHC...	4.302	3.660	32554930	46374195	4.937	4.986
4) MA Heptachlor	4.893	4.008	34426346	48848941	5.210	5.300
5) MB Aldrin	5.232	4.290	31901901	43982840	5.068	5.078
6) B beta-BHC	4.490	3.957	14725134	22540181	5.496	5.709
7) B delta-BHC	4.733	4.189	28774806	45070449	4.694m	4.882
8) B Heptachlo...	5.650	4.793	28644801	42436094	4.976m	5.418
9) A Endosulfan I	6.033	5.163	27081618	44002825	5.288	5.922
10) B gamma-Chl...	5.905	5.043	28749631	47175597	5.124	5.507m
11) B alpha-Chl...	5.986	5.107	29943592	42753742	5.353	5.185m
12) B 4,4'-DDE	6.156	5.297	23948455	38300213	5.056	4.974
13) MA Dieldrin	6.305	5.428	27648945	42357479	5.073	5.209
14) MA Endrin	6.532	5.702	23363118	40689632	5.059	5.544
15) B Endosulfa...	6.744	5.994	28776249	38809493	6.027m	5.579
16) A 4,4'-DDD	6.665	5.850	19149707	32954369	5.089	5.183
17) MA 4,4'-DDT	6.979	6.102	20744145	33603734	4.886	4.819
18) B Endrin al...	6.874	6.171	16425107	35487549	5.369	7.221m#
19) B Endosulfa...	7.108	6.396	21803103	37554894	5.424	5.592
20) A Methoxychlor	7.452	6.674	11143676	21088586	5.403	5.702
21) B Endrin ke...	7.587	6.899	21956995	42459706	5.197	5.745m
22) Mirex	8.065	7.090	21205020	35794871	6.230	6.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:00
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

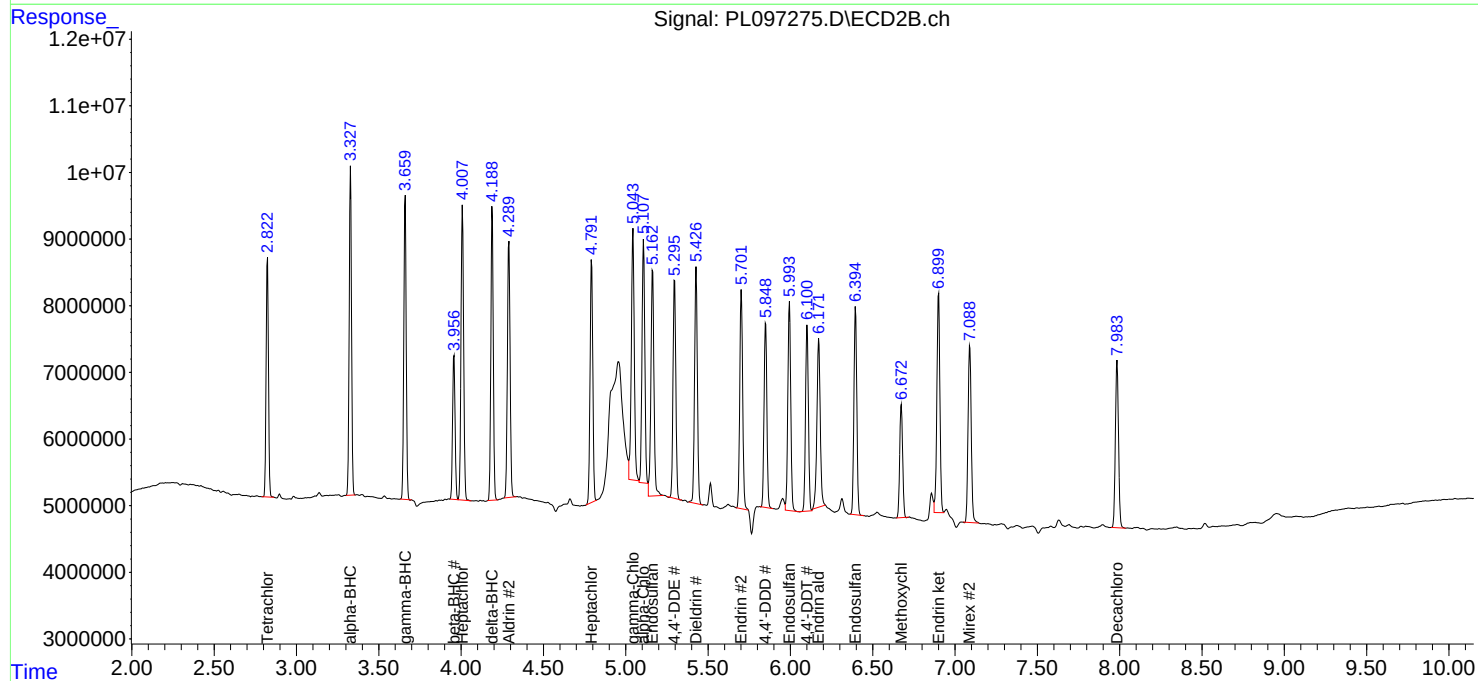
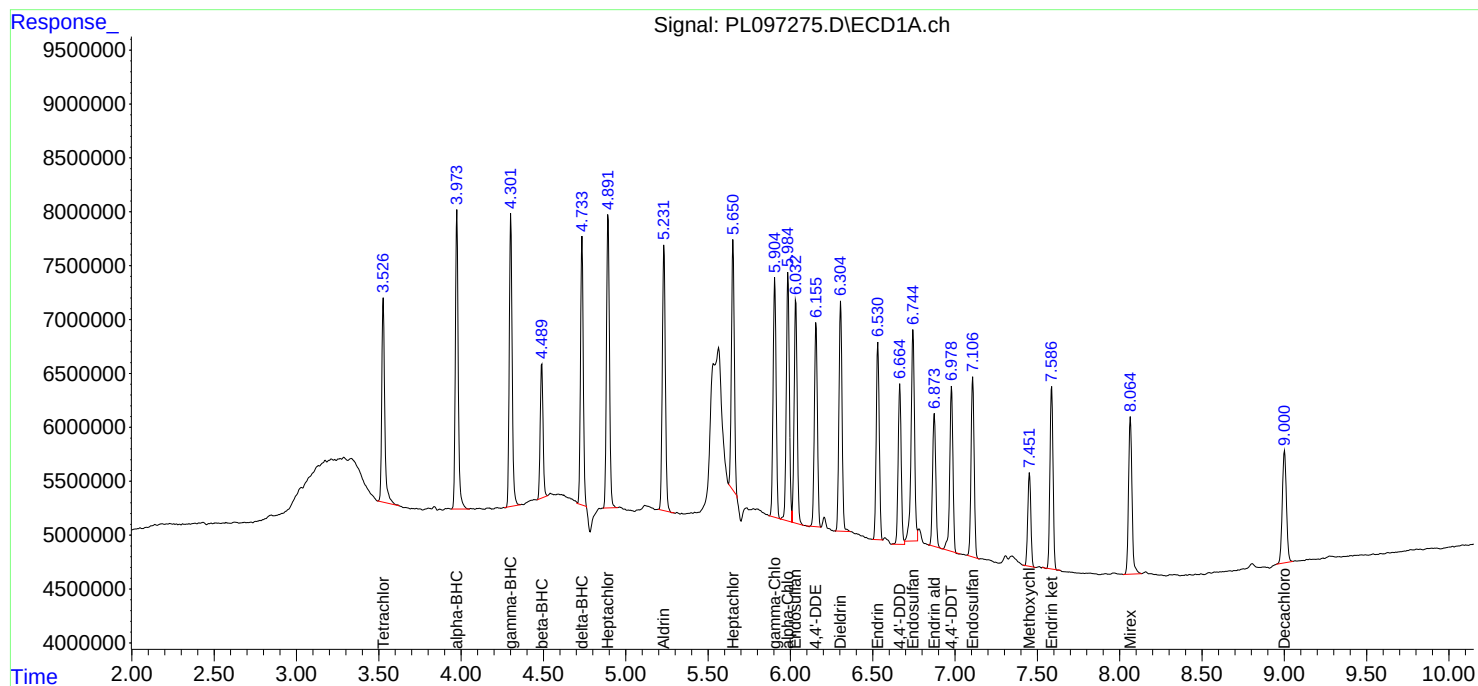
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

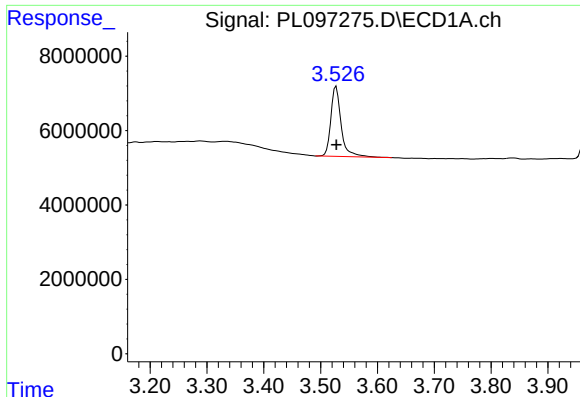
Manual Integrations
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Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 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





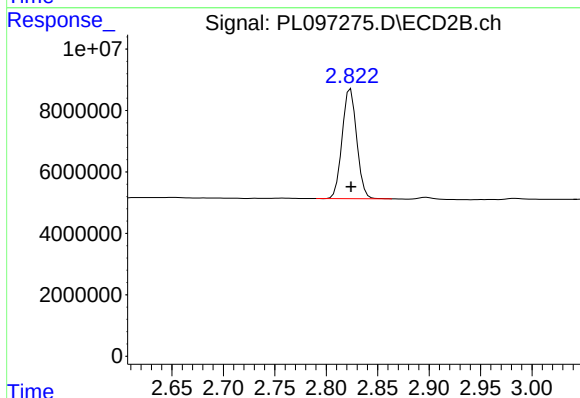
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 23772791
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

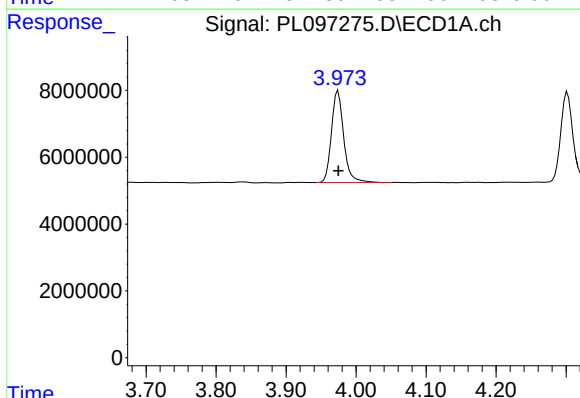
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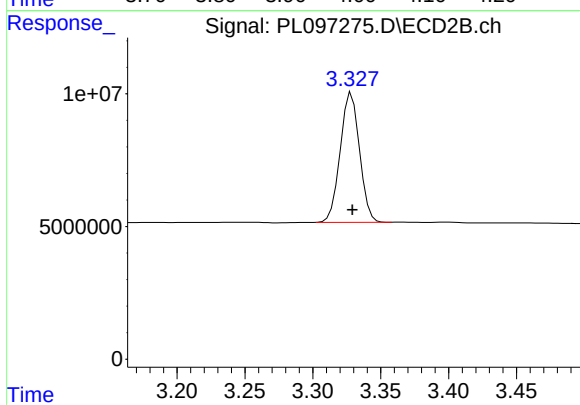
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 35198466
Conc: 5.46 ng/ml



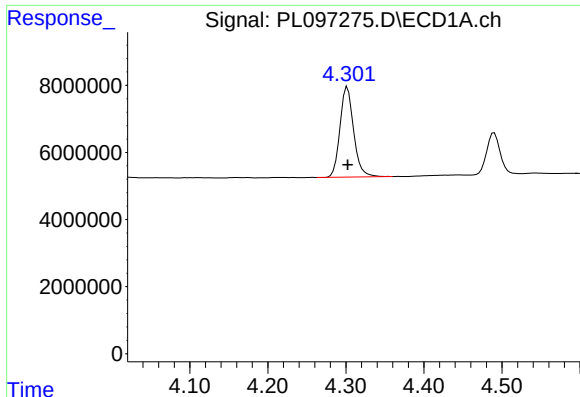
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 33487008
Conc: 4.77 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 48361581
Conc: 4.83 ng/ml



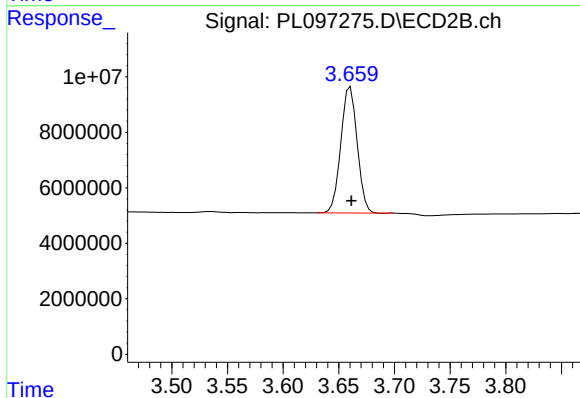
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 32554930
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

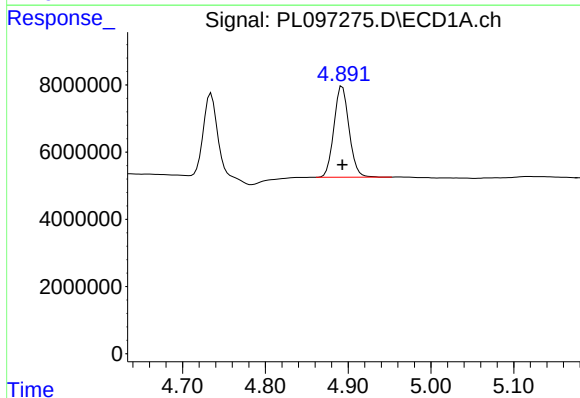
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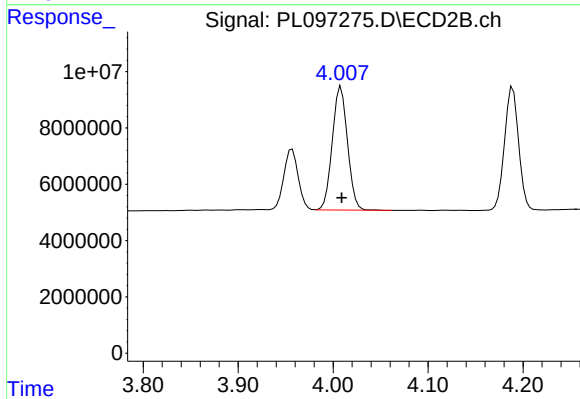
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 46374195
Conc: 4.99 ng/ml



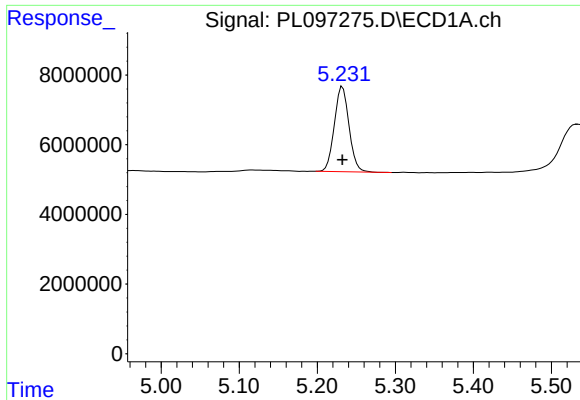
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 34426346
Conc: 5.21 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 48848941
Conc: 5.30 ng/ml



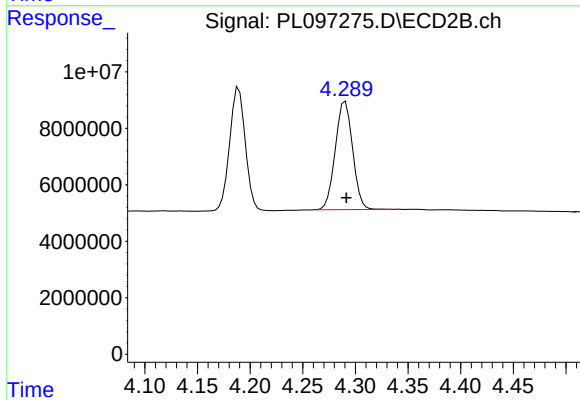
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 31901901
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

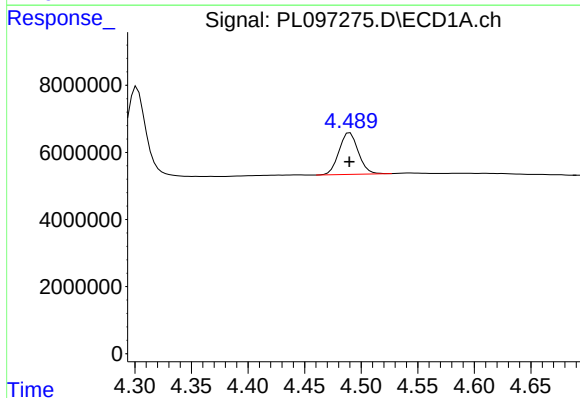
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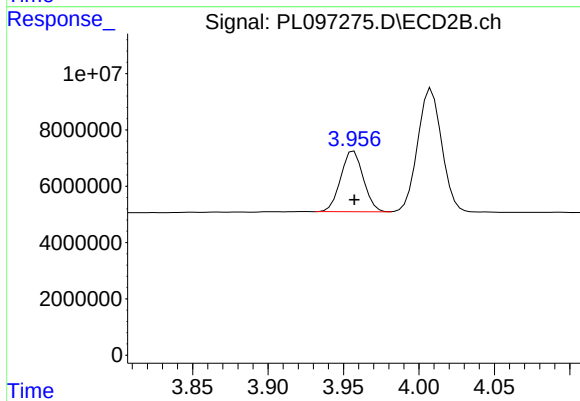
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.001 min
Response: 43982840
Conc: 5.08 ng/ml



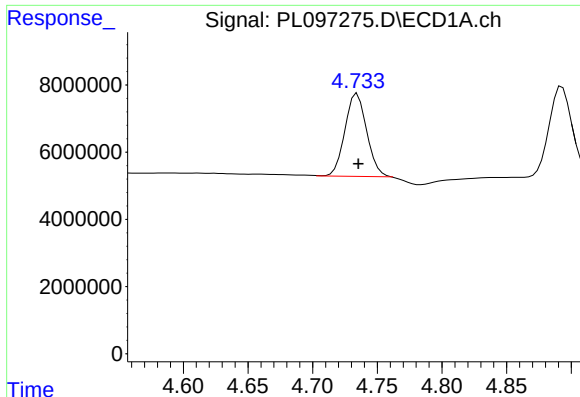
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 14725134
Conc: 5.50 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 22540181
Conc: 5.71 ng/ml



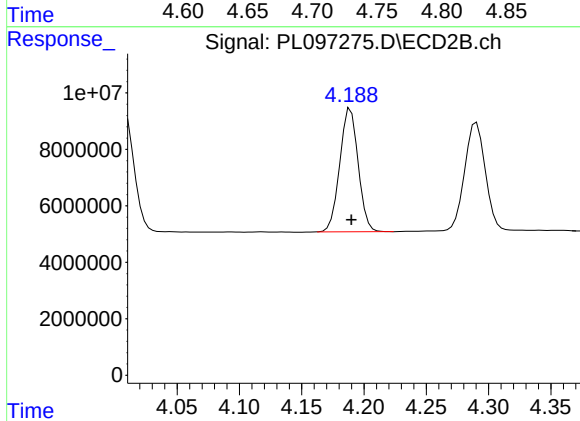
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 28774806
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

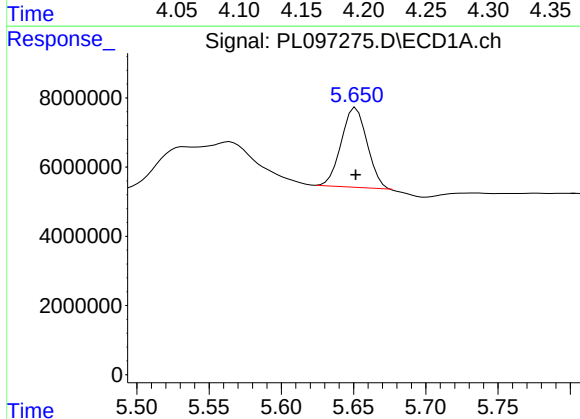
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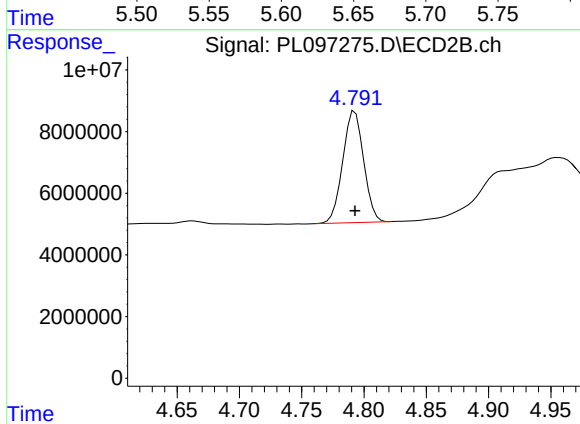
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 45070449
Conc: 4.88 ng/ml



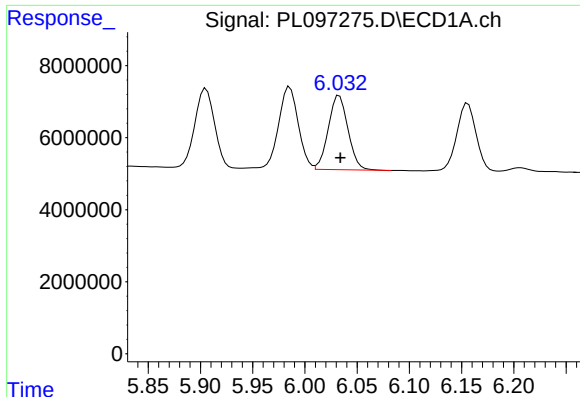
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 28644801
Conc: 4.98 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 42436094
Conc: 5.42 ng/ml



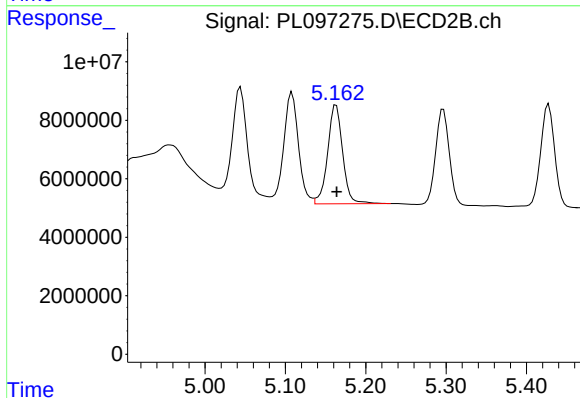
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 27081618
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

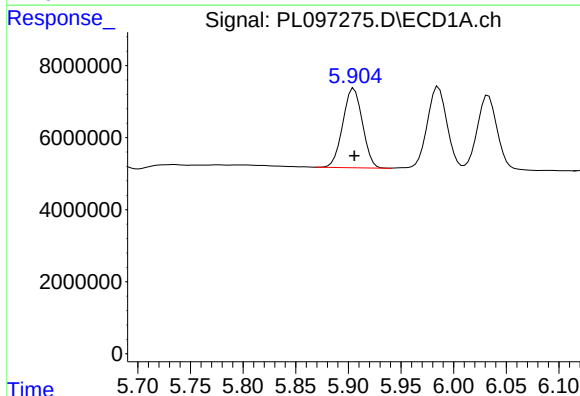
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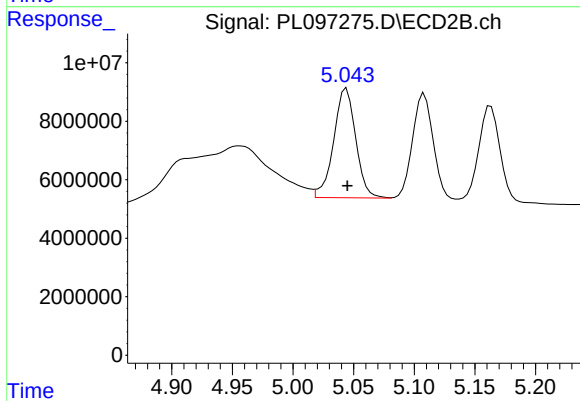
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 44002825
Conc: 5.92 ng/ml



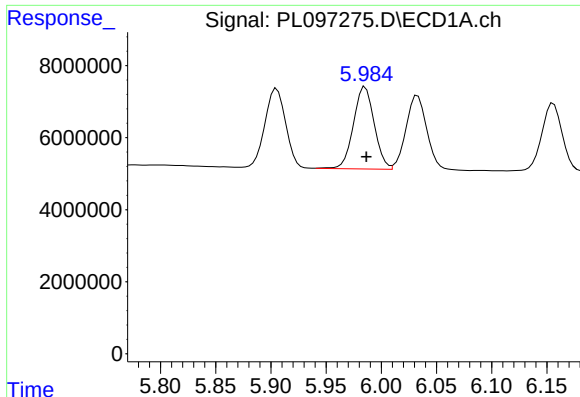
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 28749631
Conc: 5.12 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 47175597
Conc: 5.51 ng/ml m



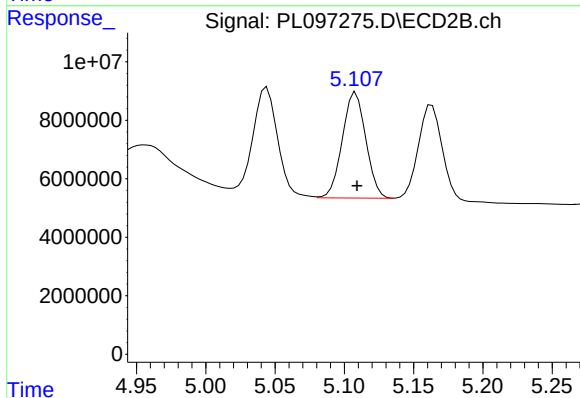
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 29943592
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

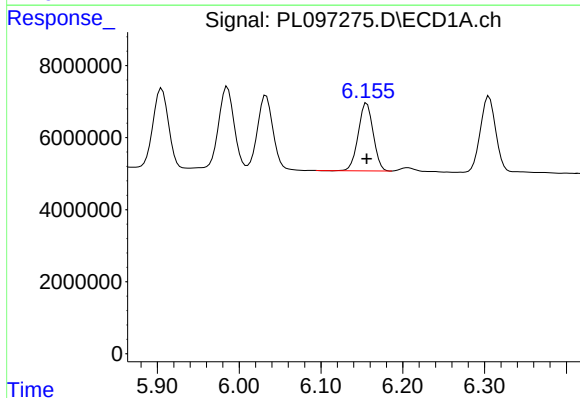
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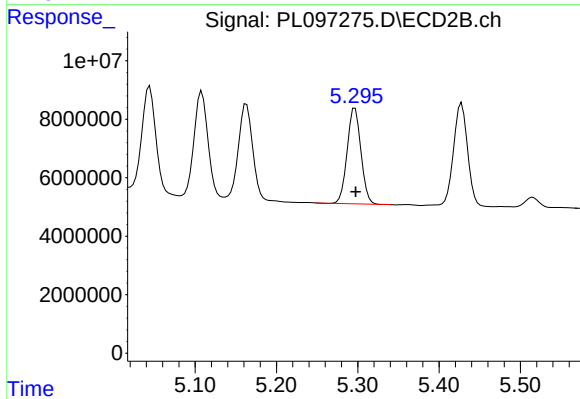
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 42753742
Conc: 5.19 ng/ml m



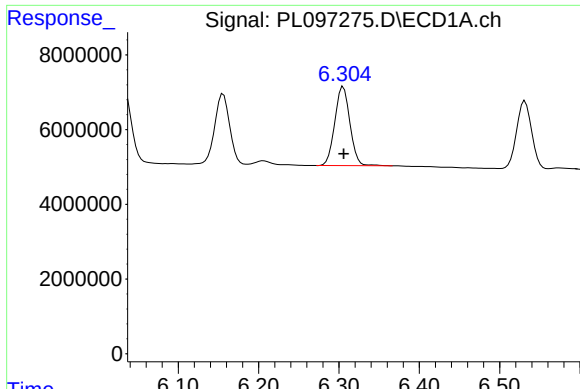
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 23948455
Conc: 5.06 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 38300213
Conc: 4.97 ng/ml



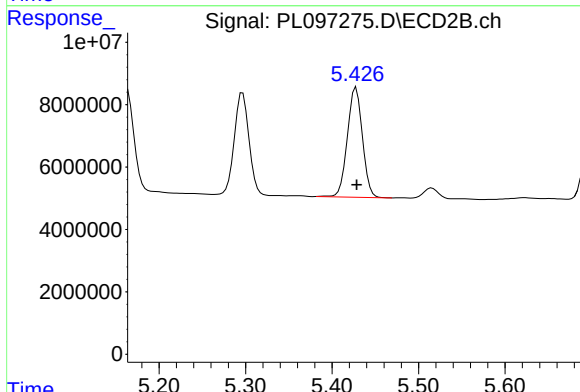
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 27648945
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

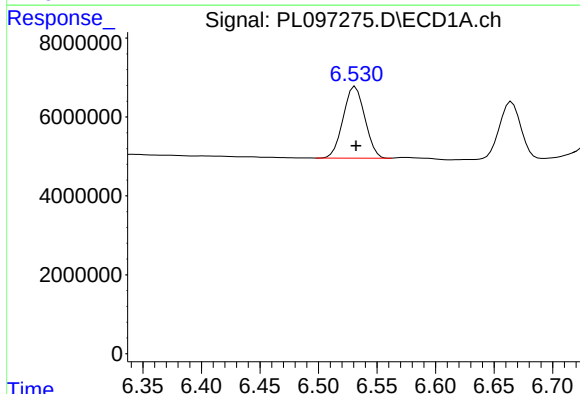
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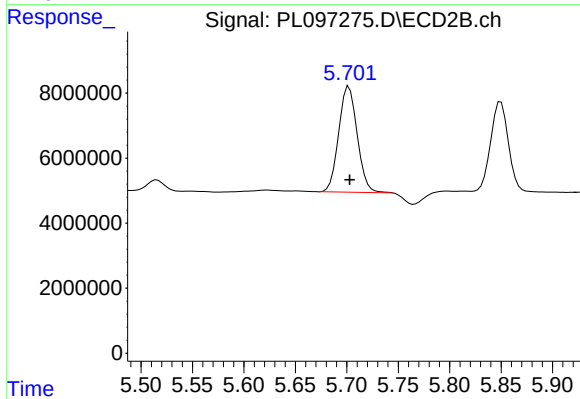
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 42357479
Conc: 5.21 ng/ml



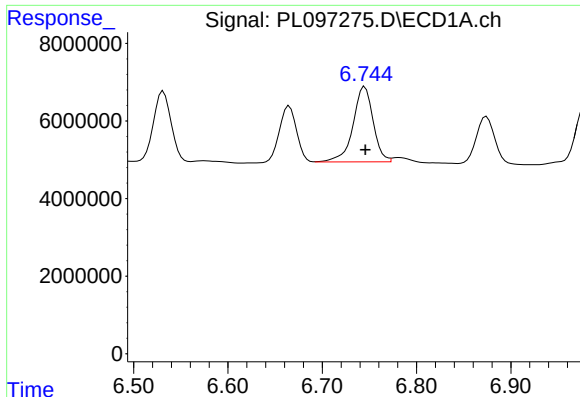
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 23363118
Conc: 5.06 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 40689632
Conc: 5.54 ng/ml



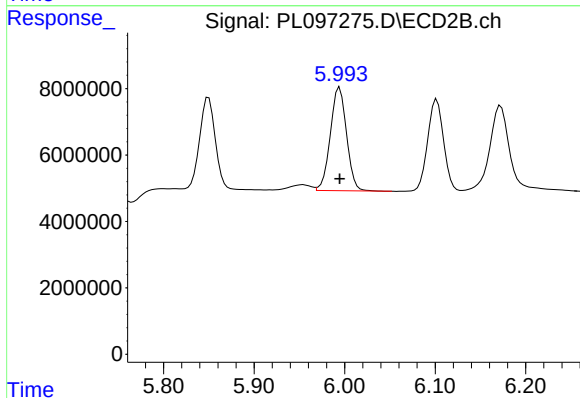
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 28776249
Conc: 6.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

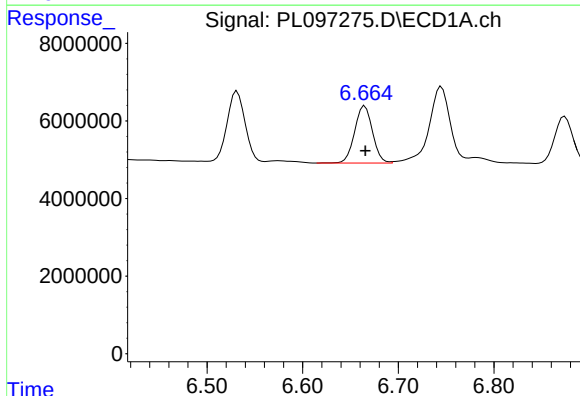
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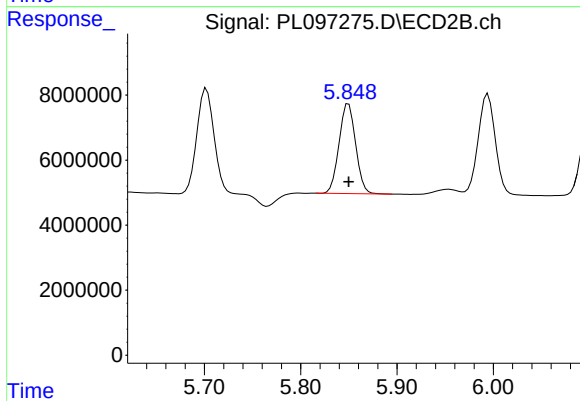
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 38809493
Conc: 5.58 ng/ml



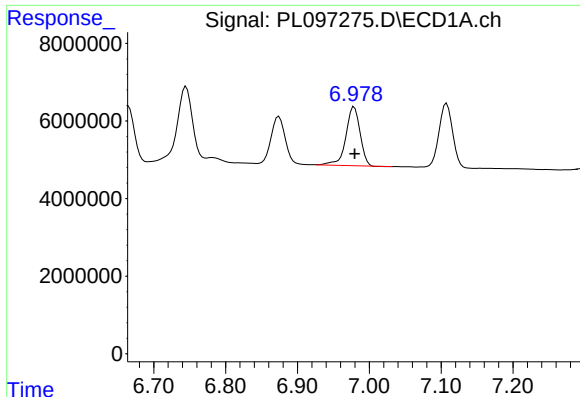
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 19149707
Conc: 5.09 ng/ml



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 32954369
Conc: 5.18 ng/ml



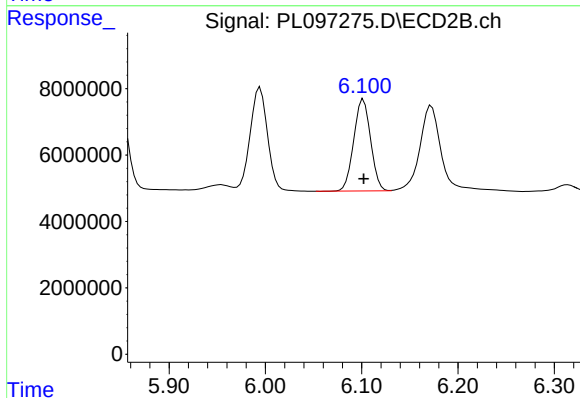
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 20744145
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

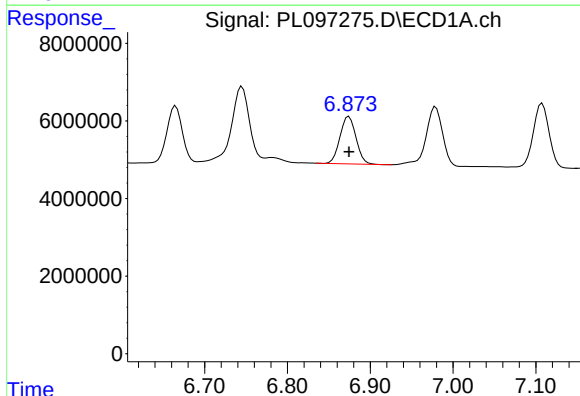
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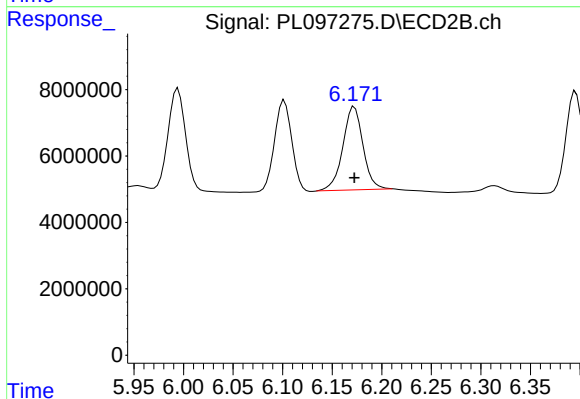
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 33603734
Conc: 4.82 ng/ml



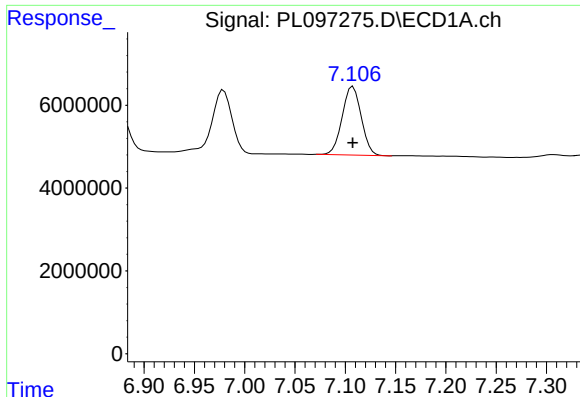
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 16425107
Conc: 5.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 35487549
Conc: 7.22 ng/ml m



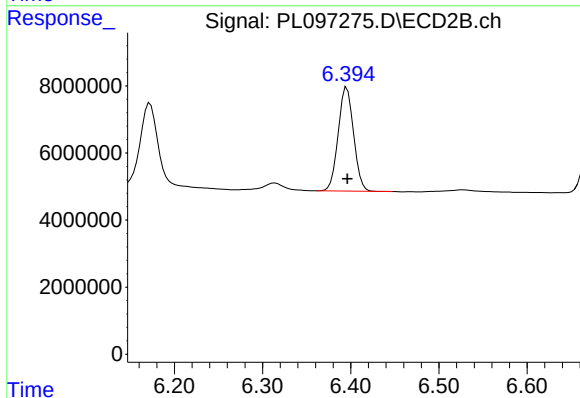
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 21803103
Conc: 5.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

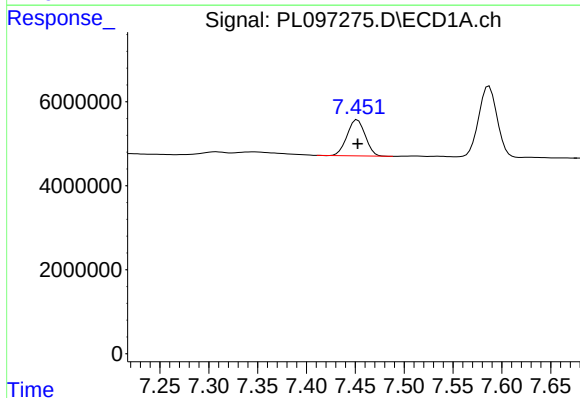
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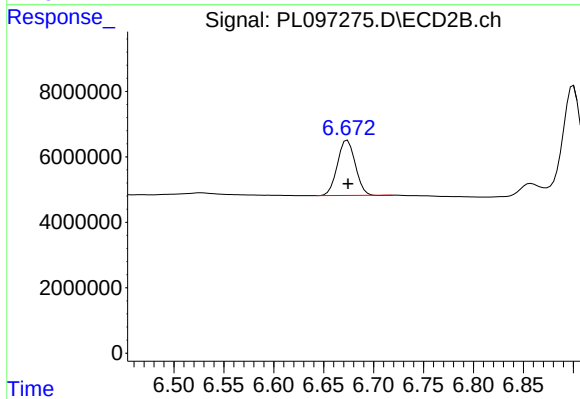
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 37554894
Conc: 5.59 ng/ml



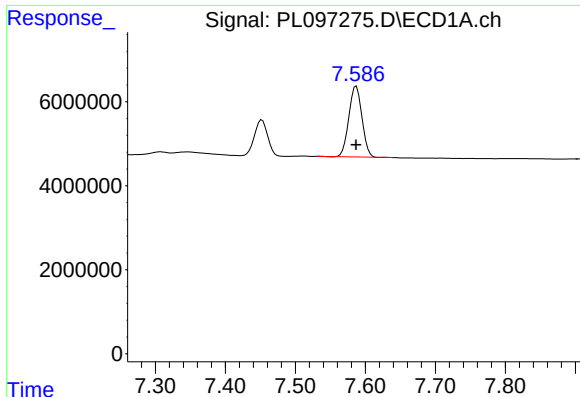
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 11143676
Conc: 5.40 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 21088586
Conc: 5.70 ng/ml



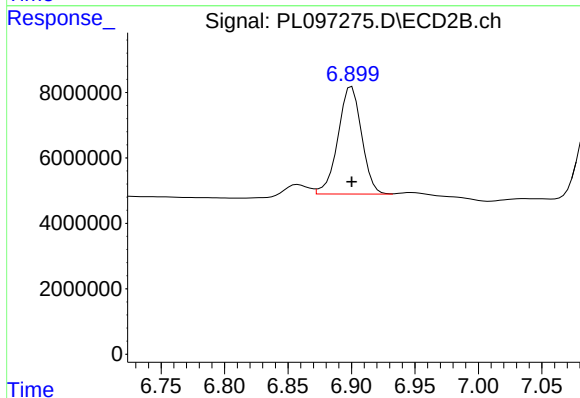
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 21956995
Conc: 5.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

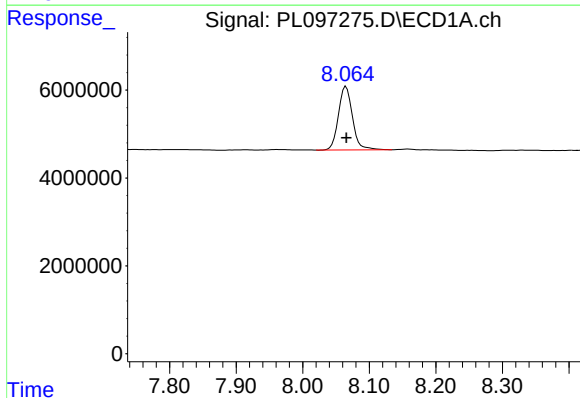
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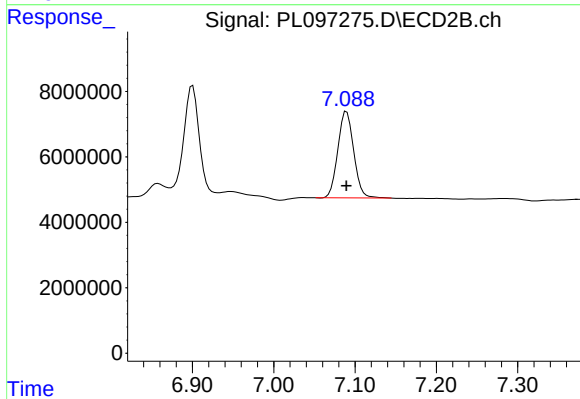
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.001 min
Response: 42459706
Conc: 5.74 ng/ml m



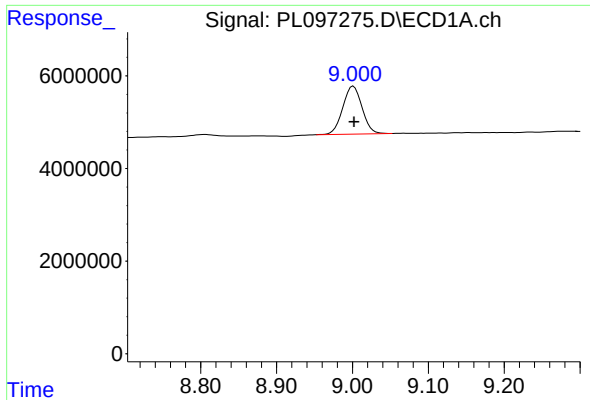
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 21205020
Conc: 6.23 ng/ml



#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 35794871
Conc: 6.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 18285769
Conc: 5.74 ng/ml

Instrument :

ECD_L

ClientSampleId :

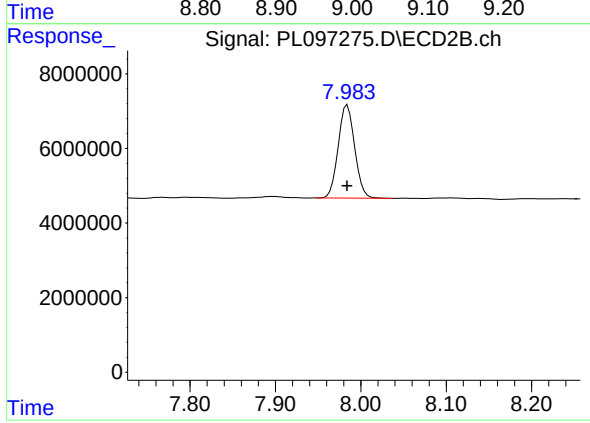
PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/19/2025

Supervised By :mohammad ahmed 09/23/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 33532264
Conc: 6.14 ng/ml