

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052825\
 Data File : PL095807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2025 13:11
 Operator : AR\AJ
 Sample : Q1872-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HW0425-PT-TXP-SOIL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/29/2025
 Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:22:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.571	2.884	95045919	74410596	30.123	19.012 #
28) SA Decachlor...	9.099	8.059	51586979	97270645	21.893	22.236
Target Compounds						
8) B Heptachlo...	5.720	4.864	8035987	6033604	2.105	1.222 #
10) B gamma-Chl...	6.003f	5.145f	8694884	16502856	2.234	3.142 #
11) B alpha-Chl...	6.073	0.000	4537770	0	1.149	N.D. #
12) B 4,4'-DDE	6.222	5.369	16891066	38548466	4.605	7.189 #
13) MA Dieldrin	6.405f	5.498	6565894	-2306307	1.701	N.D. #
14) MA Endrin	0.000	5.792	0	22430821	N.D.	4.600 #
16) A 4,4'-DDD	6.729	5.946f	7869400	5094846	2.685	1.162 #
17) MA 4,4'-DDT	0.000	6.186	0	22369799	N.D.	4.677 #
18) B Endrin al...	0.000	6.270f	0	12405444	N.D.	3.591 #
19) B Endosulfa...	7.172	0.000	24569269	0	8.226	N.D. #
20) A Methoxychlor	0.000	6.732f	0	20860242	N.D.	7.974 #
21) B Endrin ke...	0.000	6.964f	0	8408127	N.D.	1.625 #
22) Mirex	0.000	7.184	0	16445089	N.D.	4.050 #
25) Chlordane-3	0.000	5.145f	0	16502856	N.D.	25.046 #
26) Chlordane-4	6.073	0.000	4537770	0	5.049	N.D. #
27) Chlordane-5	6.877f	6.105f	15858220	41078856	115.801	161.135 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052825\
 Data File : PL095807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2025 13:11
 Operator : AR\AJ
 Sample : Q1872-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

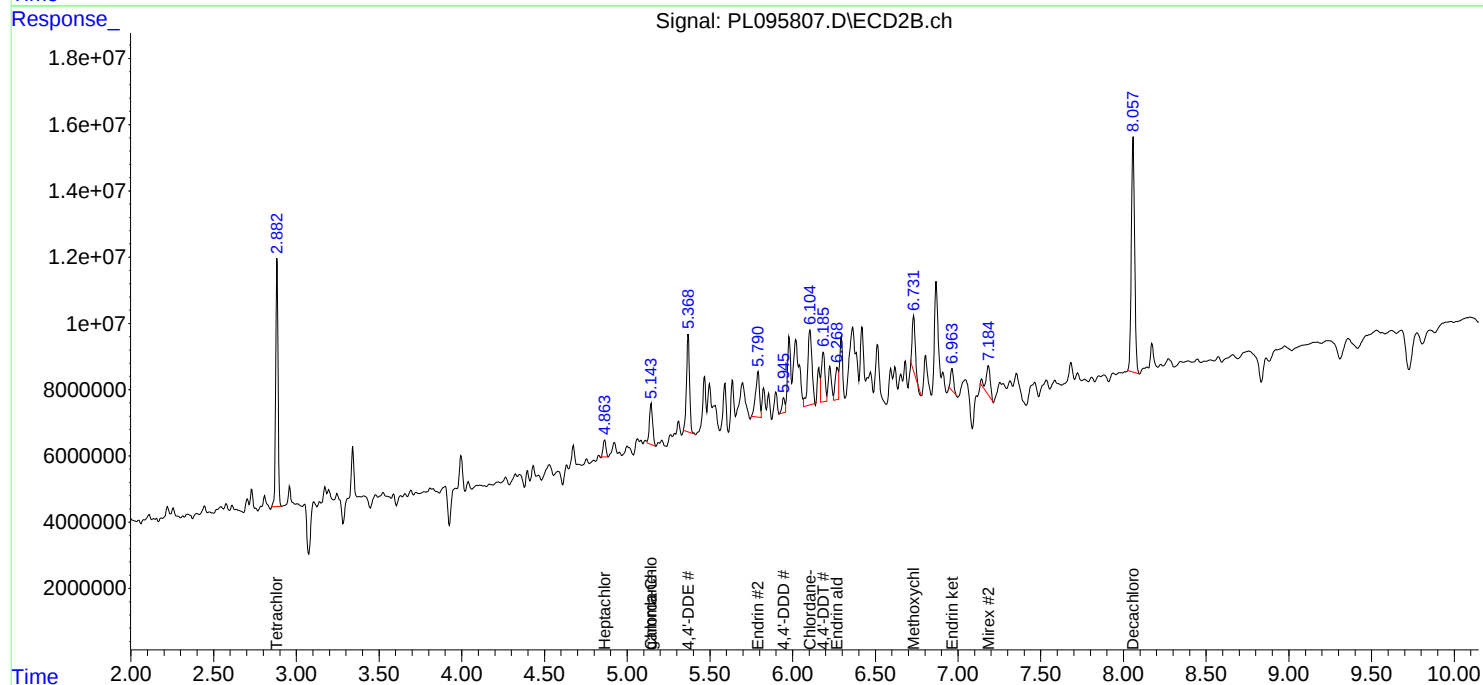
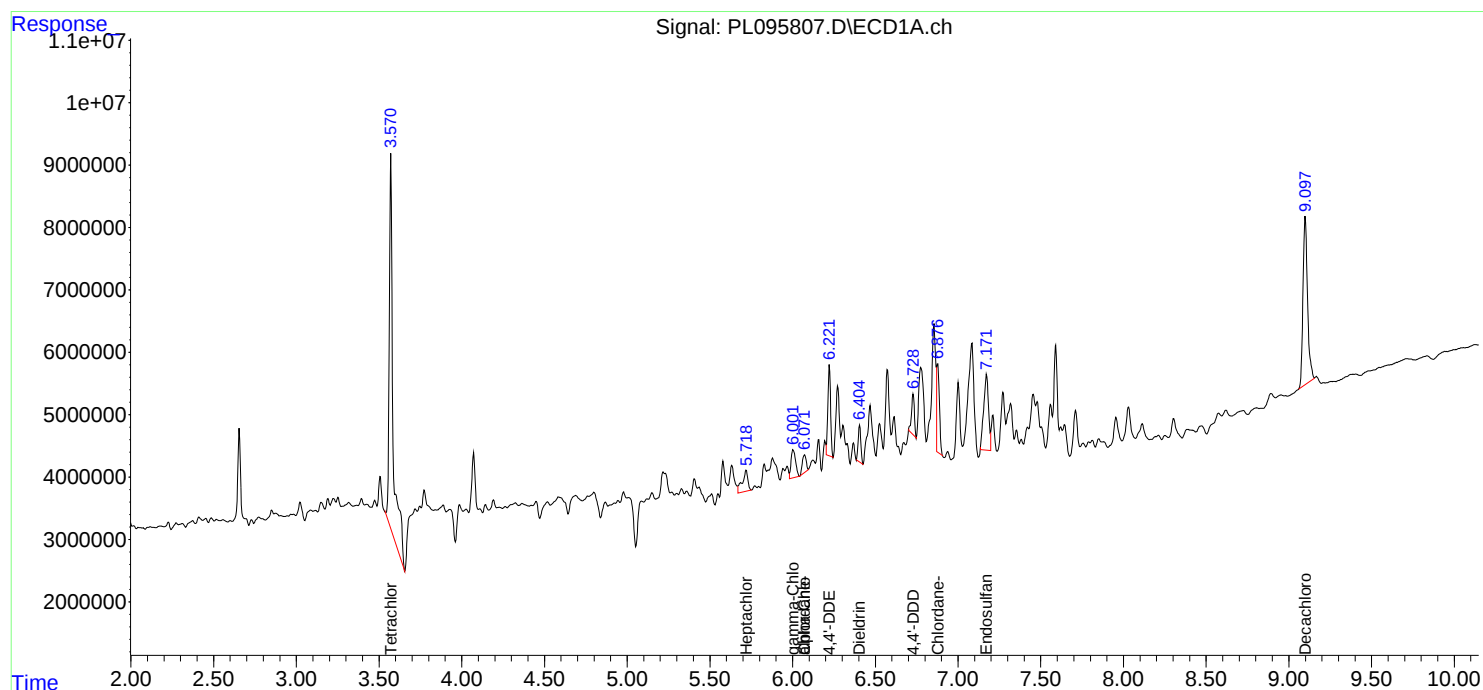
Instrument :
 ECD_L
 ClientSampleId :
 HW0425-PT-TXP-SOIL

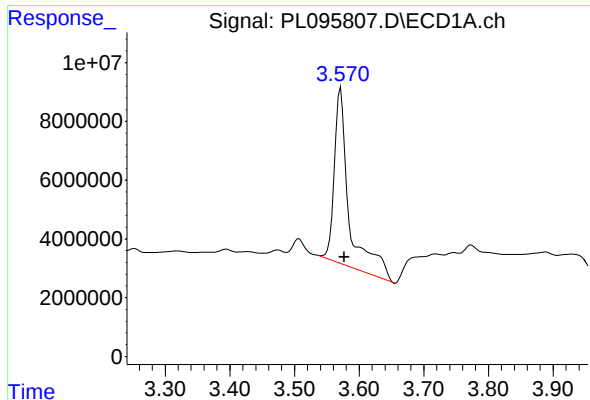
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:22:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
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 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





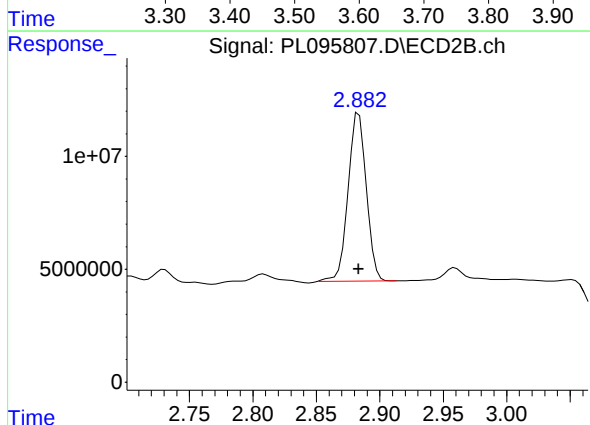
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 95045919
Conc: 30.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
HW0425-PT-TXP-SOIL

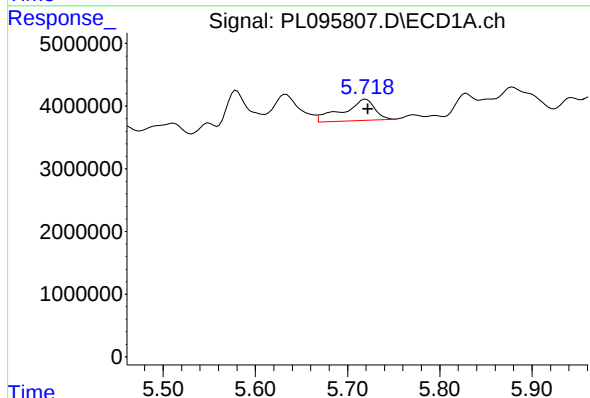
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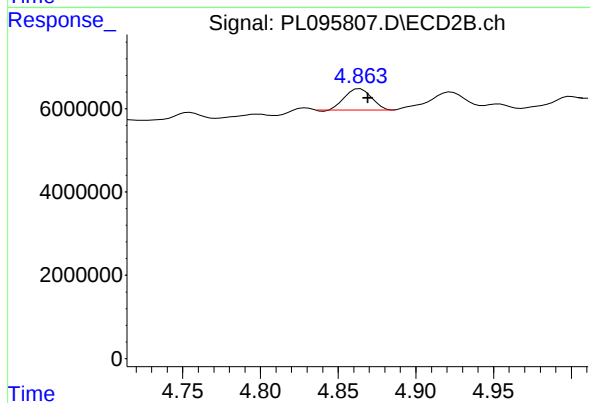
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 74410596
Conc: 19.01 ng/ml



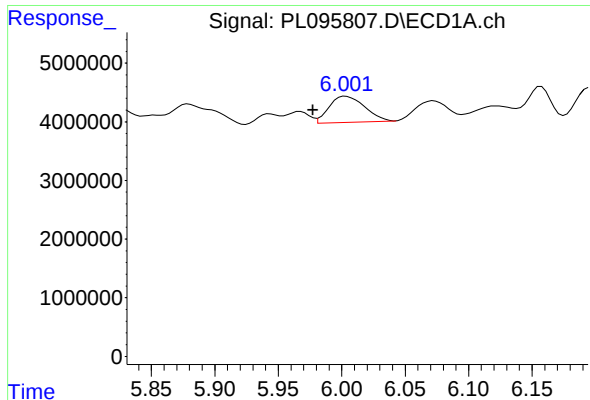
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 8035987
Conc: 2.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.005 min
Response: 6033604
Conc: 1.22 ng/ml



#10 gamma-Chlordane

R.T.: 6.003 min
Delta R.T.: 0.026 min
Response: 8694884
Conc: 2.23 ng/ml

Instrument :

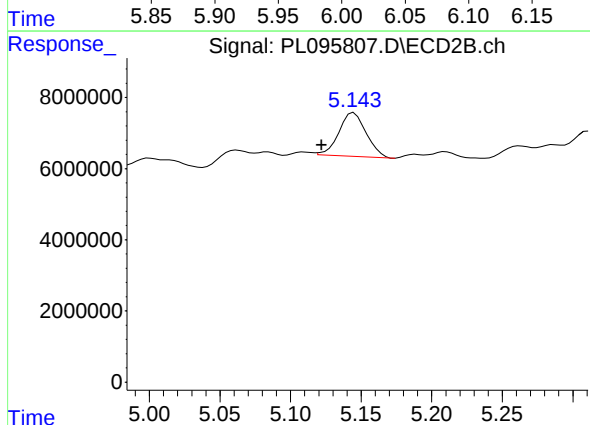
ECD_L

ClientSampleId :

HW0425-PT-TXP-SOIL

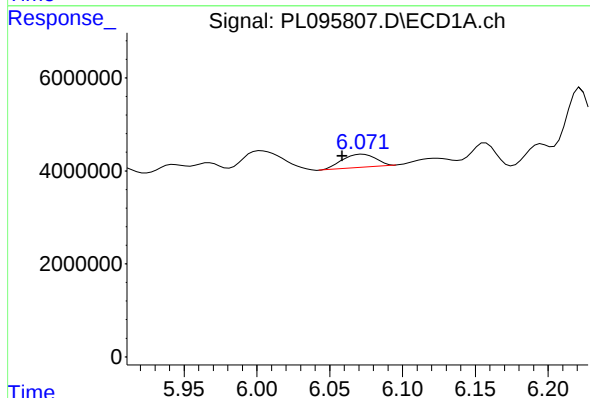
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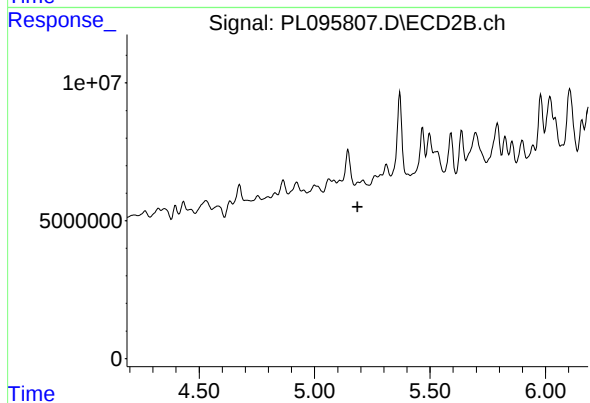
#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: 0.023 min
Response: 16502856
Conc: 3.14 ng/ml



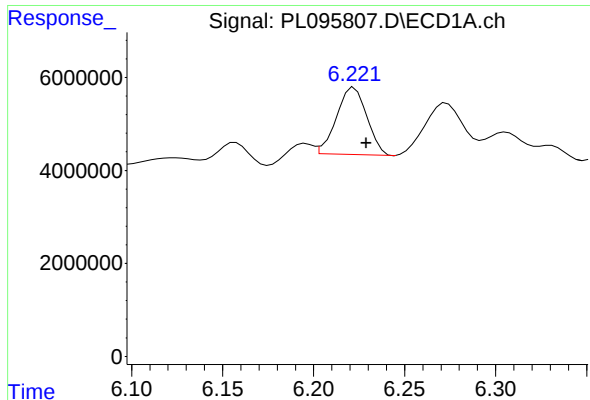
#11 alpha-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.014 min
Response: 4537770
Conc: 1.15 ng/ml



#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.186 min
Response: 0
Conc: N.D.



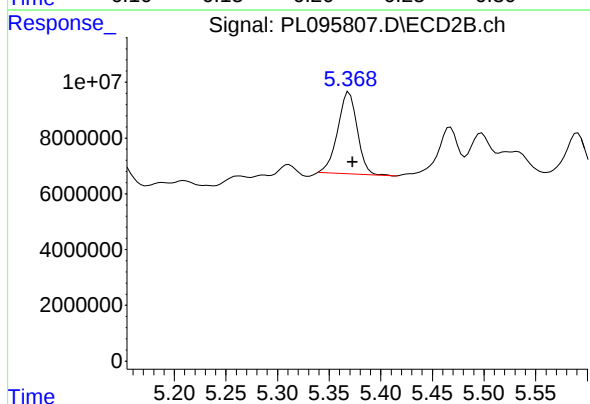
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 16891066
Conc: 4.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
HW0425-PT-TXP-SOIL

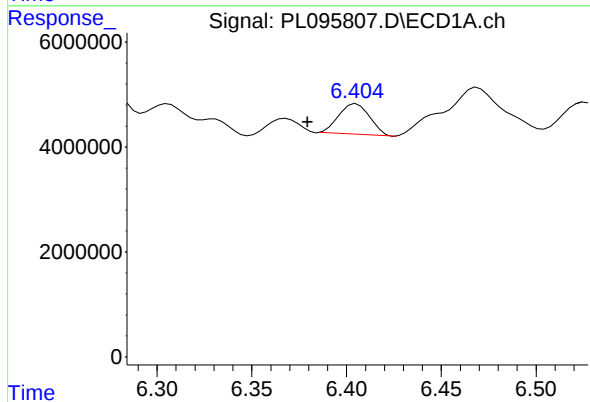
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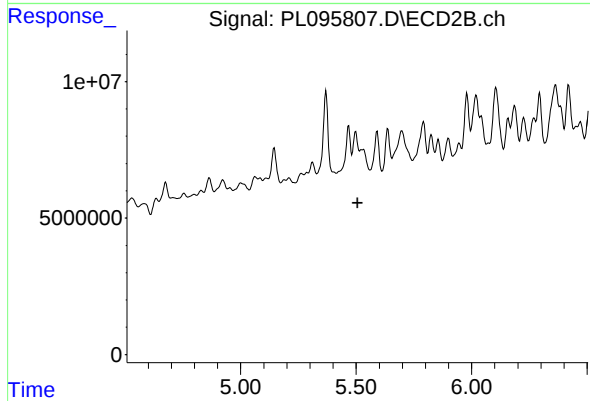
#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 38548466
Conc: 7.19 ng/ml



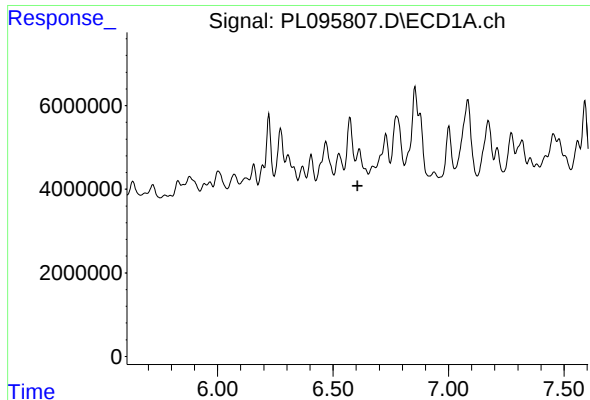
#13 Dieldrin

R.T.: 6.405 min
Delta R.T.: 0.026 min
Response: 6565894
Conc: 1.70 ng/ml



#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.009 min
Response: -2306307
Conc: N.D.



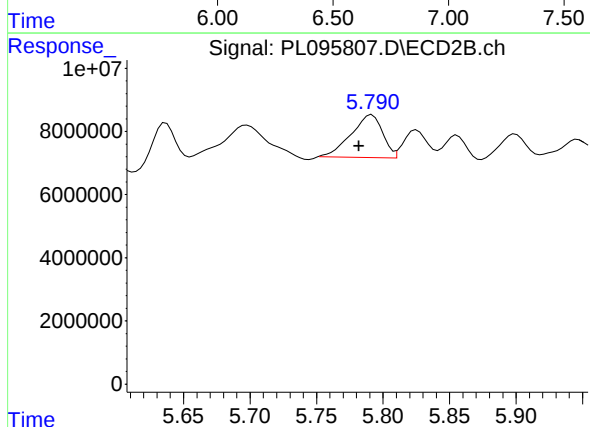
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.607 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
HW0425-PT-TXP-SOIL

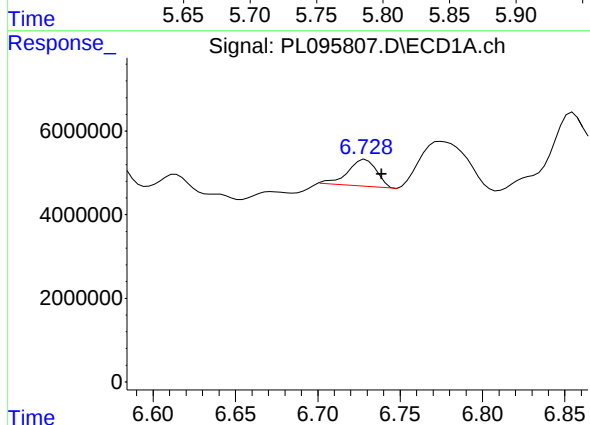
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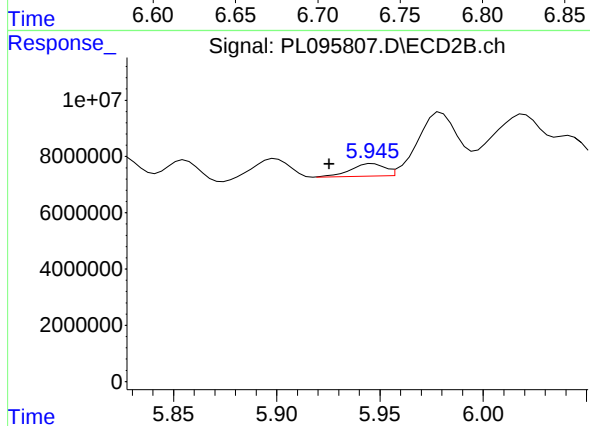
#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.010 min
Response: 22430821
Conc: 4.60 ng/ml



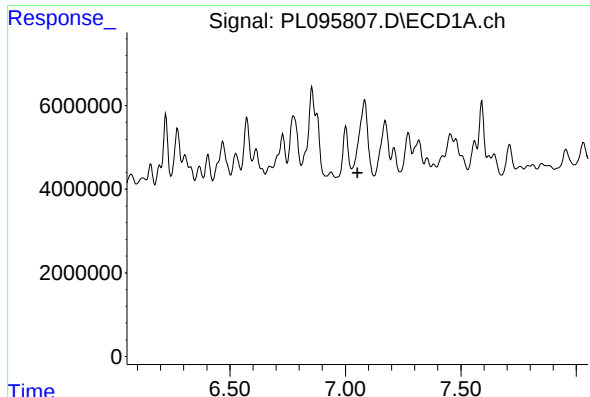
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.010 min
Response: 7869400
Conc: 2.69 ng/ml



#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: 0.021 min
Response: 5094846
Conc: 1.16 ng/ml



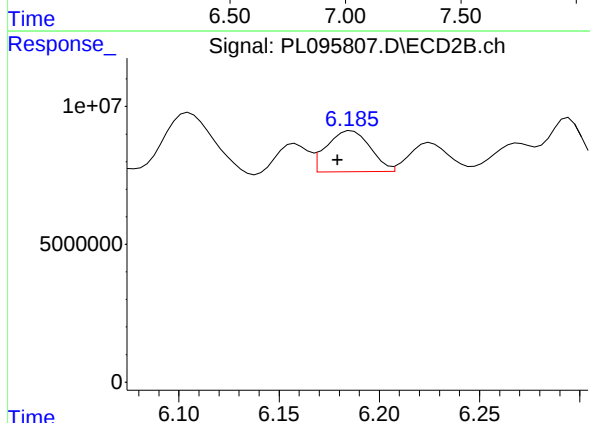
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.054 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
HW0425-PT-TXP-SOIL

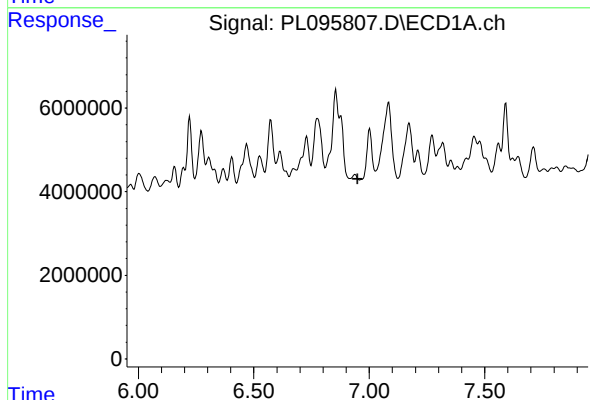
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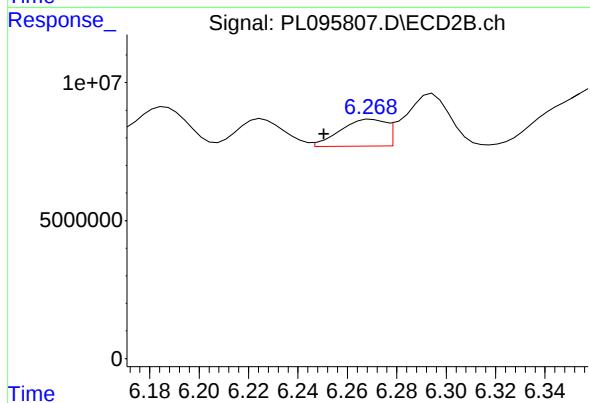
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.007 min
Response: 22369799
Conc: 4.68 ng/ml



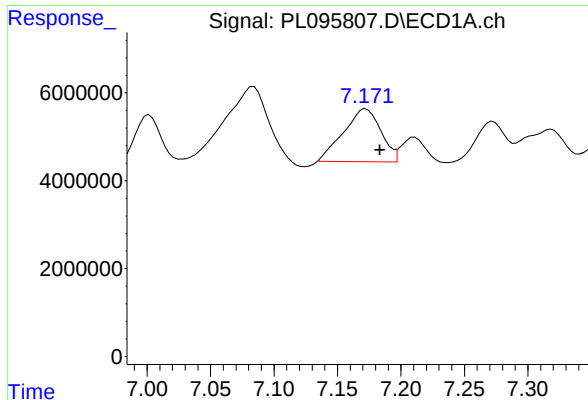
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.949 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: 0.019 min
Response: 12405444
Conc: 3.59 ng/ml



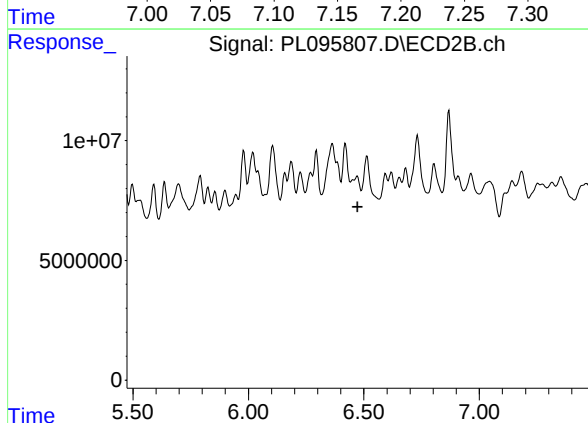
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.011 min
Response: 24569269
Conc: 8.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
HW0425-PT-TXP-SOIL

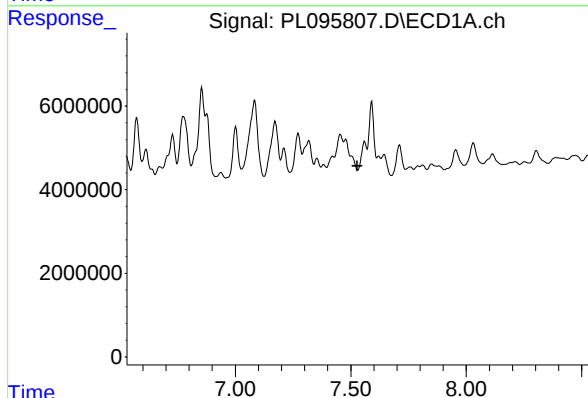
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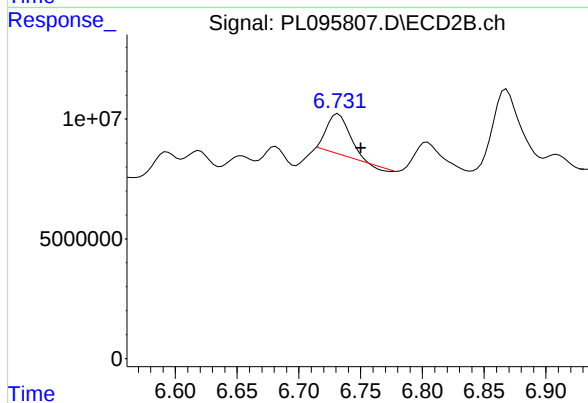
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.474 min
Response: 0
Conc: N.D.



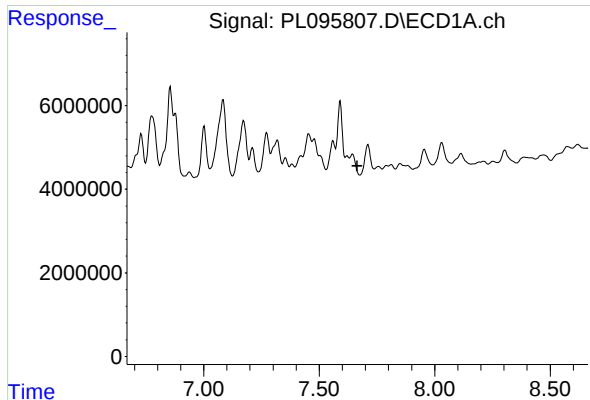
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.528 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 20860242
Conc: 7.97 ng/ml



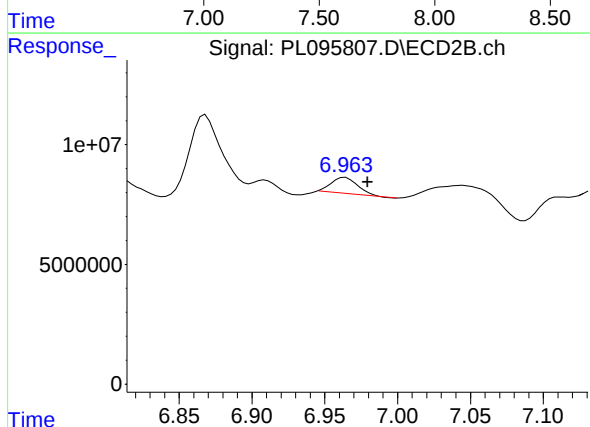
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
HW0425-PT-TXP-SOIL

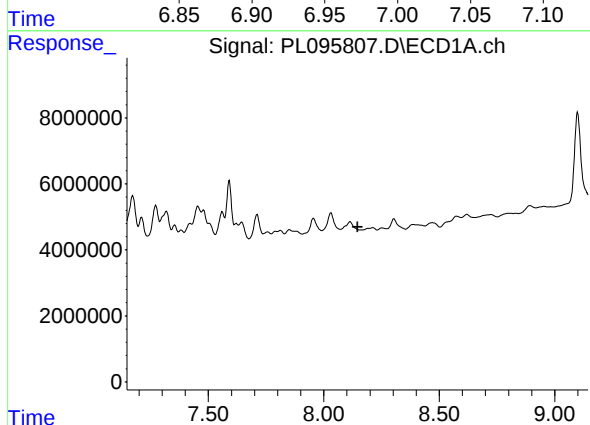
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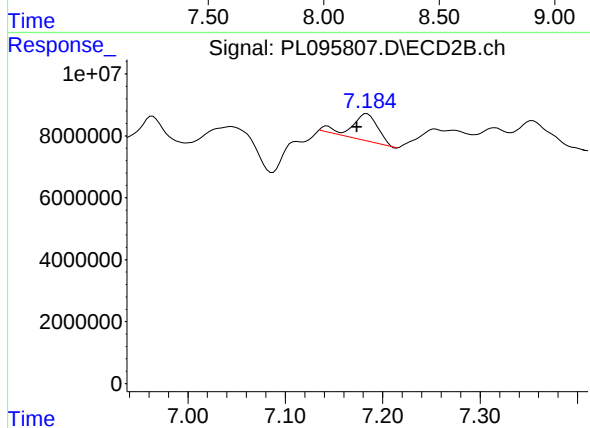
#21 Endrin ketone

R.T.: 6.964 min
Delta R.T.: -0.015 min
Response: 8408127
Conc: 1.63 ng/ml



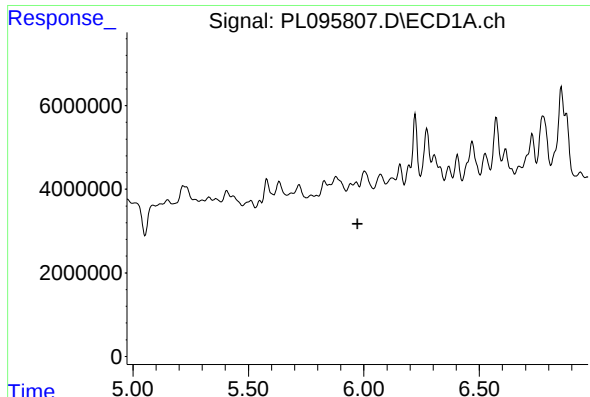
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.145 min
Response: 0
Conc: N.D.



#22 Mirex

R.T.: 7.184 min
Delta R.T.: 0.010 min
Response: 16445089
Conc: 4.05 ng/ml



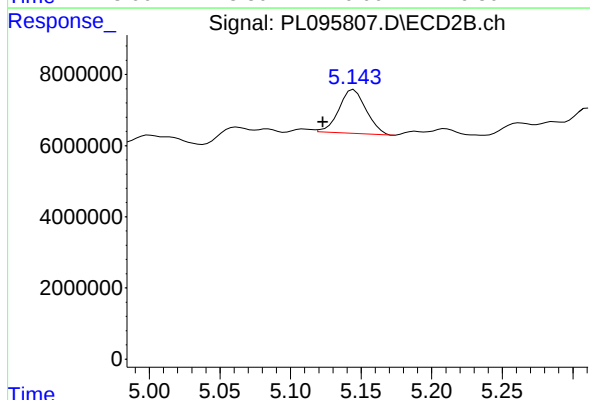
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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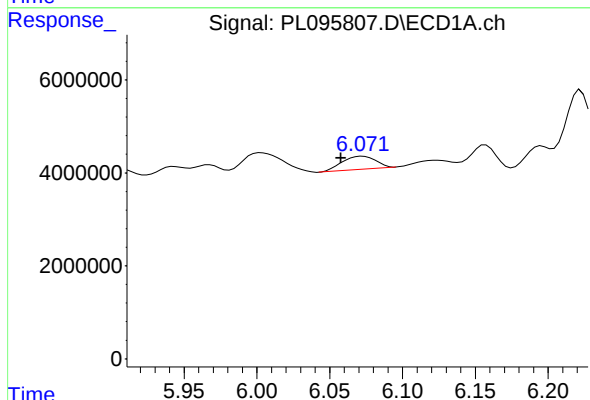
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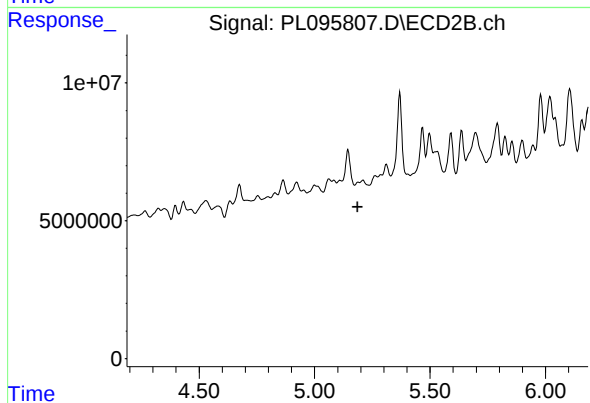
#25 Chlordane-3

R.T.: 5.145 min
Delta R.T.: 0.022 min
Response: 16502856
Conc: 25.05 ng/ml



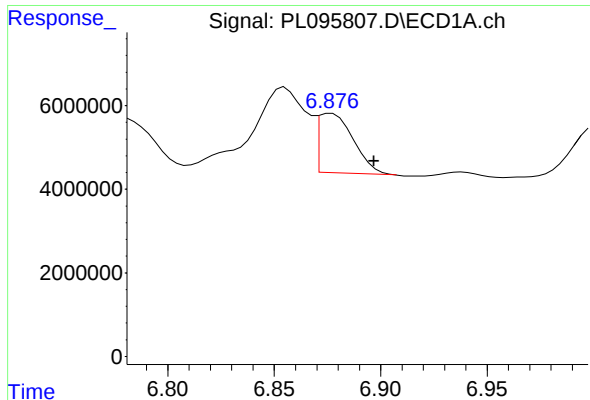
#26 Chlordane-4

R.T.: 6.073 min
Delta R.T.: 0.015 min
Response: 4537770
Conc: 5.05 ng/ml



#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.187 min
Response: 0
Conc: N.D.



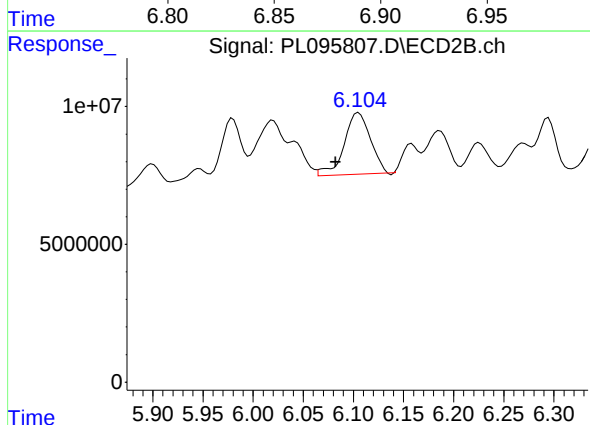
#27 Chlordane-5

R.T.: 6.877 min
Delta R.T.: -0.020 min
Response: 15858220
Conc: 115.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
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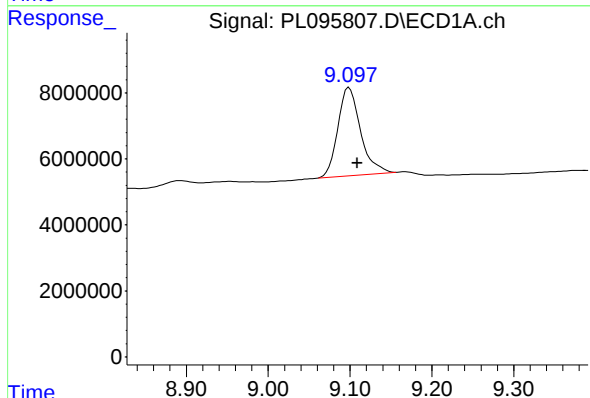
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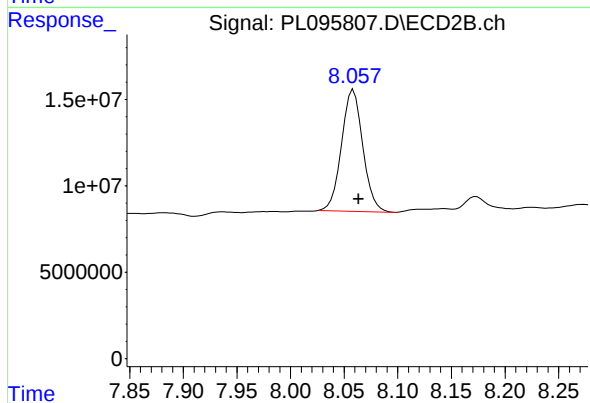
#27 Chlordane-5

R.T.: 6.105 min
Delta R.T.: 0.023 min
Response: 41078856
Conc: 161.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: -0.010 min
Response: 51586979
Conc: 21.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 97270645
Conc: 22.24 ng/ml