

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 14:15
 Operator : AR\AJ
 Sample : P2403-02
 Misc : TOX/LOQ 100PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 22:29:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.796	41153089	26370677	20.437	20.553
28)	SA Decachlor...	9.066	7.947	28756207	28411808	20.555	21.121
Target Compounds							
2)	A alpha-BHC	4.005	3.299	277897	174012	0.097	0.092
3)	MA gamma-BHC...	4.336	3.629	102206	106256	0.037	0.058 #
4)	MA Heptachlor	4.951f	4.004f	388833	35224	0.157	0.020 #
5)	MB Aldrin	5.256	4.264	560277	48111	0.218	0.027 #
6)	B beta-BHC	0.000	3.930	0	129798	N.D.	0.159 #
7)	B delta-BHC	4.776	4.152	735286	89751	0.277	0.050 #
8)	B Heptachlo...	5.690	4.755	1472903	230801	0.628	0.143 #
9)	A Endosulfan I	6.086	5.155f	457165	36773	0.213	0.025 #
10)	B gamma-Chl...	5.972f	5.034f	1135481	1633378	0.497	0.995 #
11)	B alpha-Chl...	6.009f	5.100f	876693	223911	0.385	0.136 #
12)	B 4,4'-DDE	6.176f	5.250	1216324	830476	0.601	0.571
14)	MA Endrin	6.594	5.687f	588429	377393	0.311	0.263
15)	B Endosulfa...	0.000	5.961	0	806988	N.D.	0.561 #
16)	A 4,4'-DDD	6.712	5.836f	967512	321972	0.574	0.261 #
17)	MA 4,4'-DDT	0.000	6.074	0	614379	N.D.	0.454 #
18)	B Endrin al...	6.945	6.152	116907	430386	0.077	0.387 #
19)	B Endosulfa...	7.159	6.365	6173191	76524	3.413	0.055 #
20)	A Methoxychlor	0.000	6.632	0	1735752	N.D.	2.171 #
22)	Mirex	0.000	7.073f	0	2897418	N.D.	2.124 #
23)	Chlordane-1	0.000	3.799	0	36508	N.D.	0.742 #
24)	Chlordane-2	5.256	4.360f	560277	51991	5.331	0.817 #
25)	Chlordane-3	5.972f	5.034f	1135481	1633378	3.438	9.540 #
26)	Chlordane-4	6.052f	5.100f	450882	223911	1.106	1.392 #
27)	Chlordane-5	6.866	5.750	3350837	69020	40.264	1.349 #

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

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 Acq On : 10 May 2024 14:15
 Operator : AR\AJ
 Sample : P2403-02
 Misc : TOX/LOQ 100PPB
 ALS Vial : 12 Sample Multiplier: 1

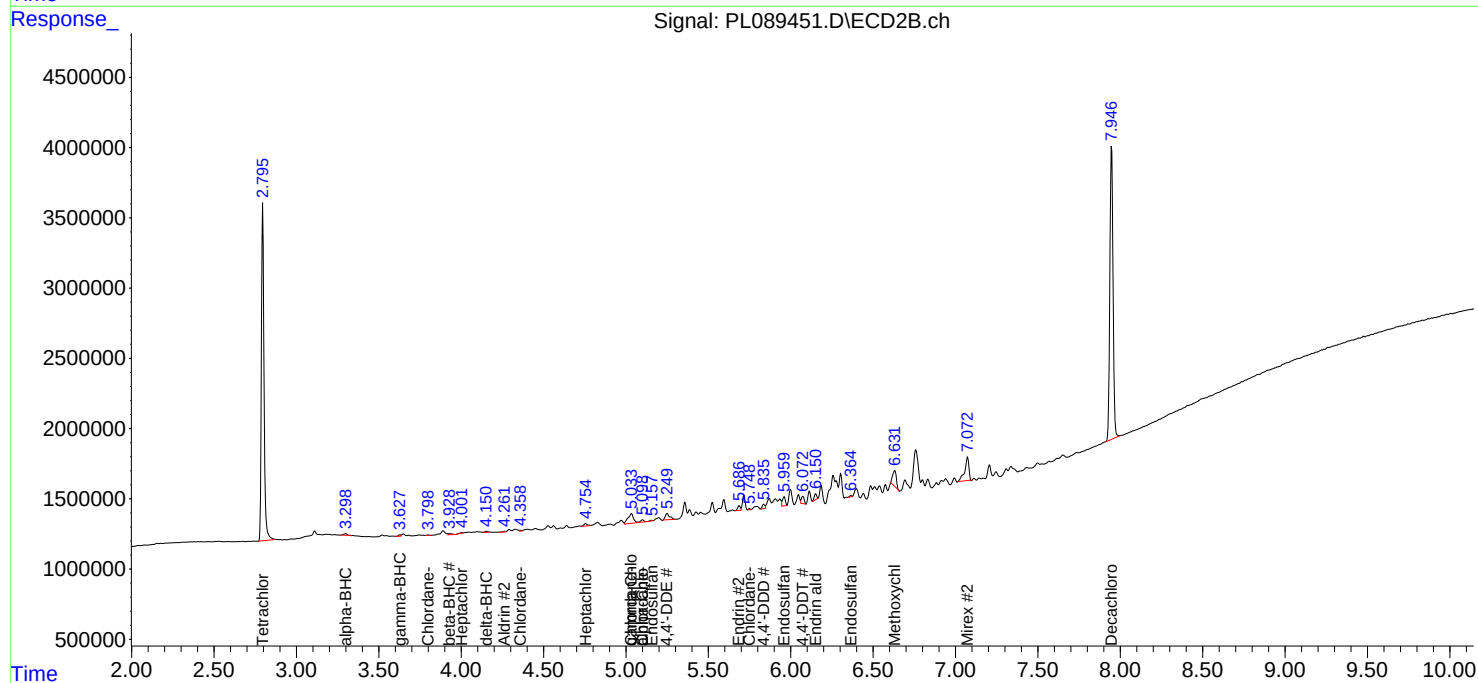
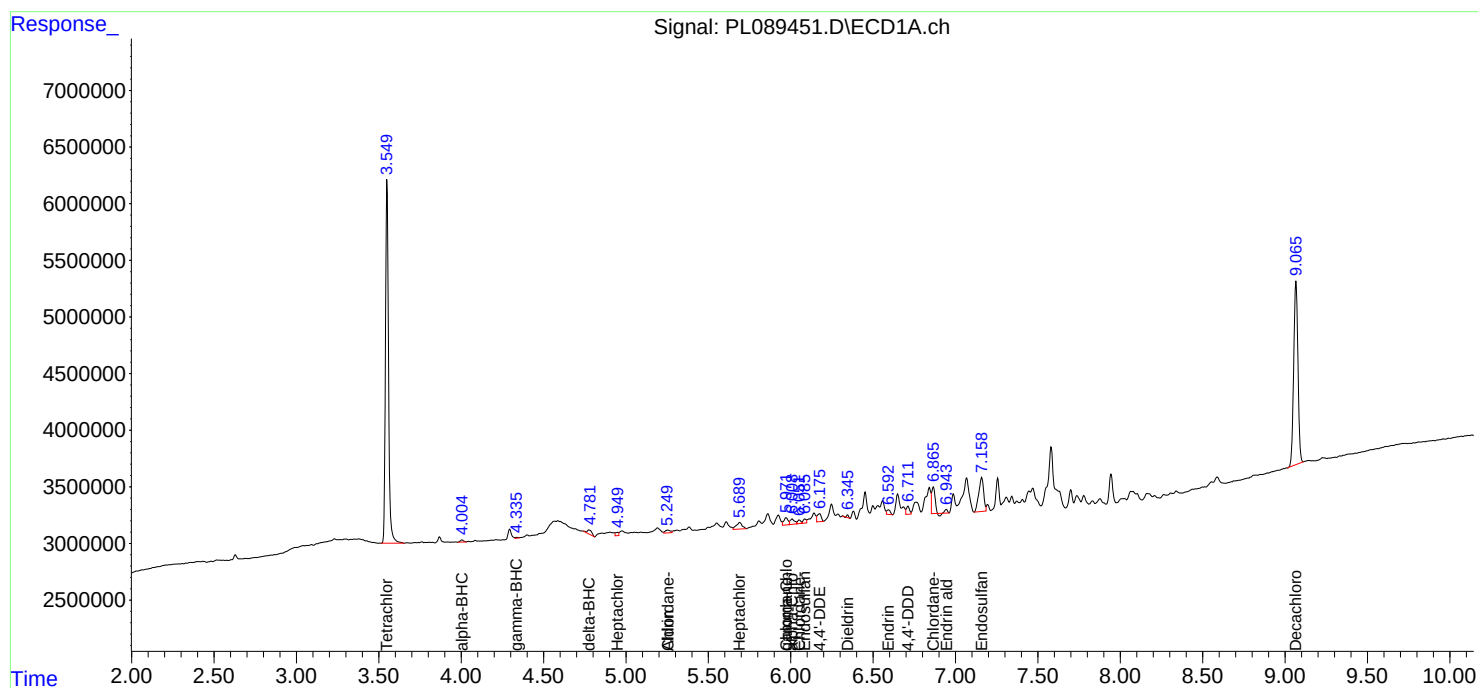
Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

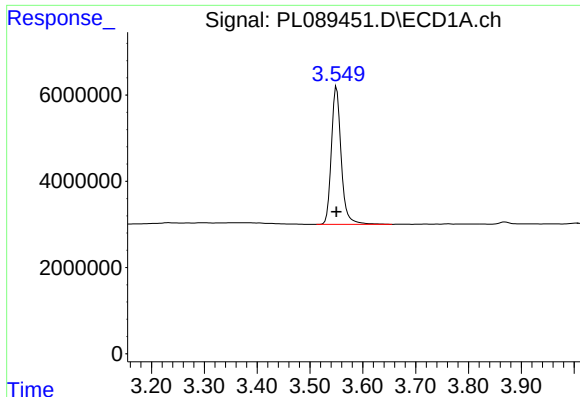
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 22:29:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





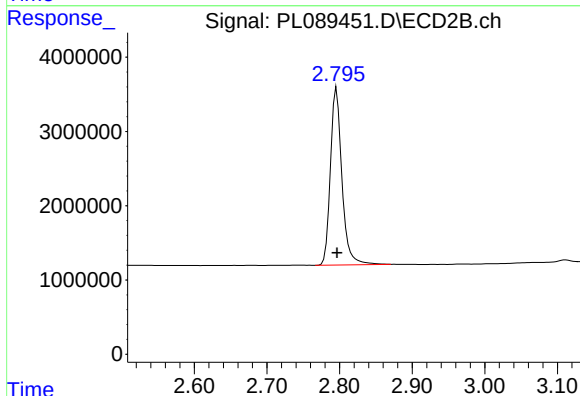
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 41153089
Conc: 20.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

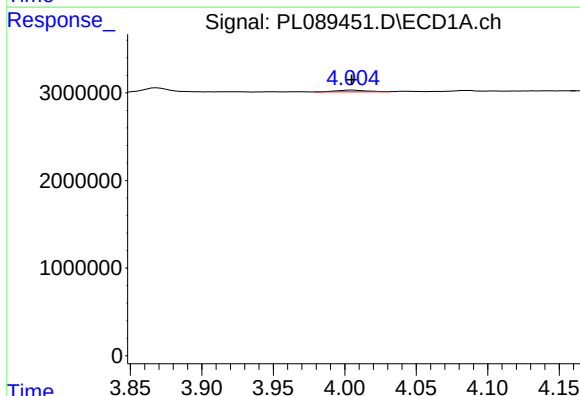
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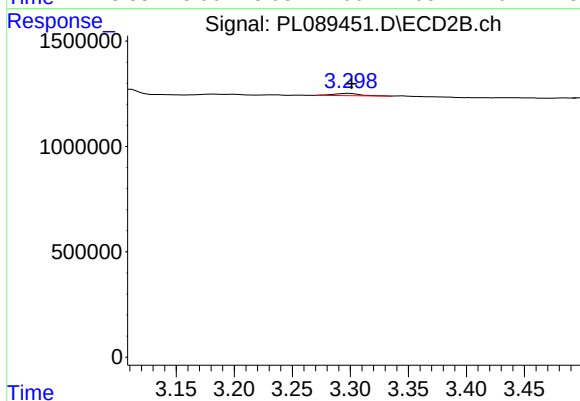
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 26370677
Conc: 20.55 ng/ml



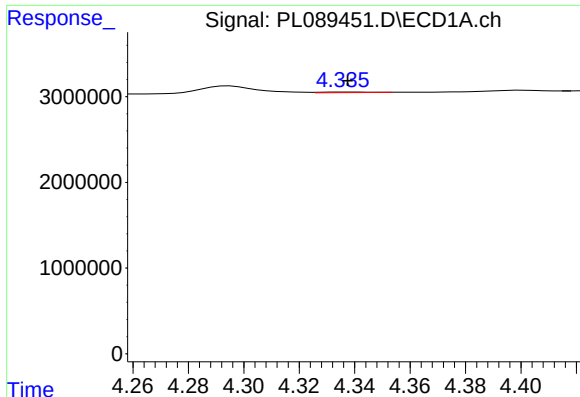
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 277897
Conc: 0.10 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 174012
Conc: 0.09 ng/ml



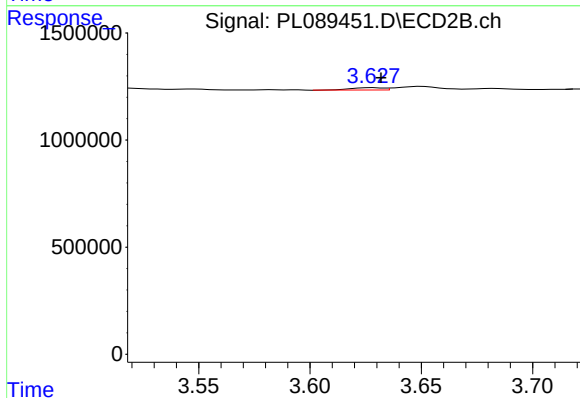
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 102206
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

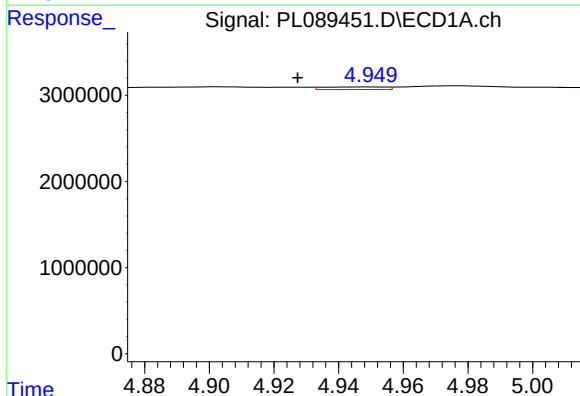
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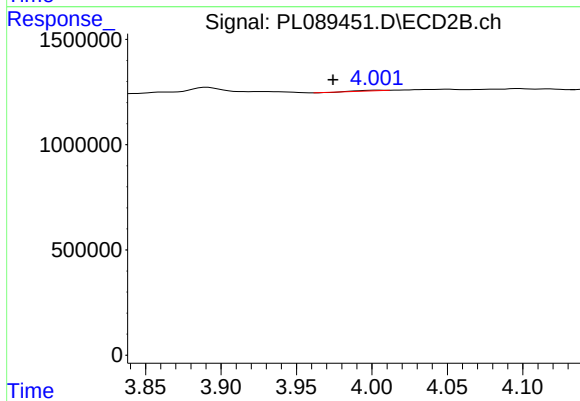
#3 gamma-BHC (Lindane)

R.T.: 3.629 min
Delta R.T.: -0.003 min
Response: 106256
Conc: 0.06 ng/ml



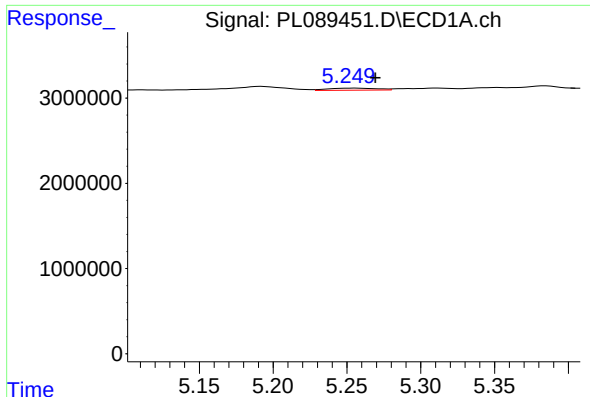
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.023 min
Response: 388833
Conc: 0.16 ng/ml



#4 Heptachlor

R.T.: 4.004 min
Delta R.T.: 0.030 min
Response: 35224
Conc: 0.02 ng/ml



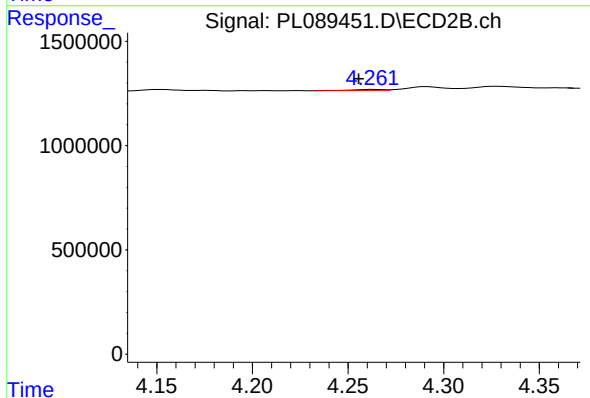
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.013 min
Response: 560277
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

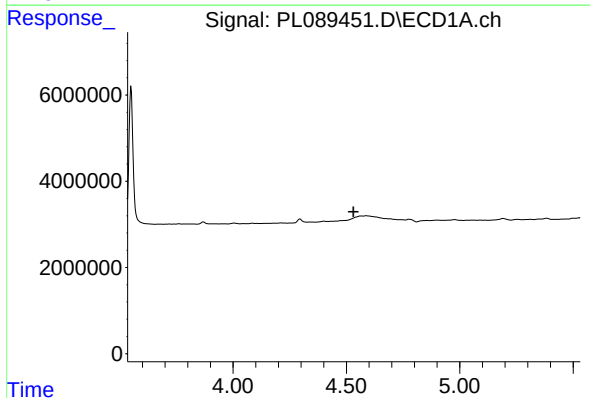
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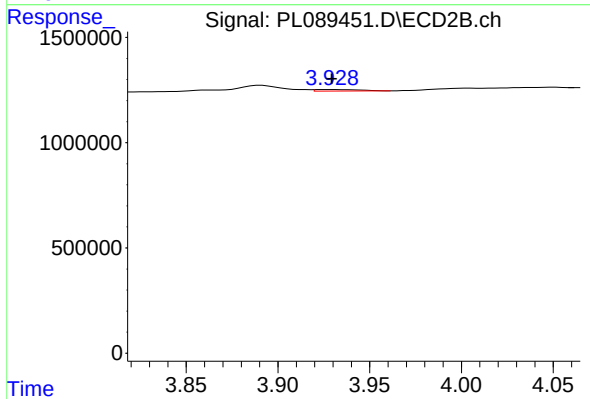
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.008 min
Response: 48111
Conc: 0.03 ng/ml



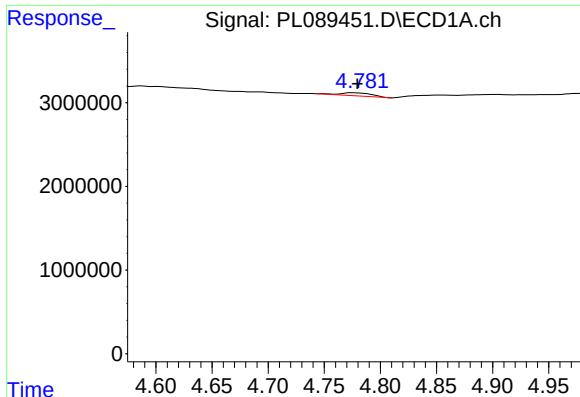
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.532 min
Response: 0
Conc: N.D.



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 129798
Conc: 0.16 ng/ml



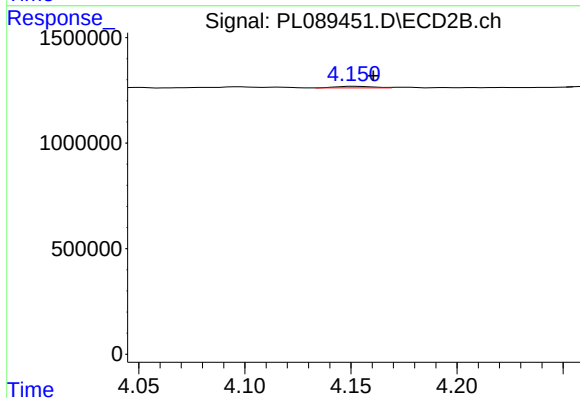
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 735286
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

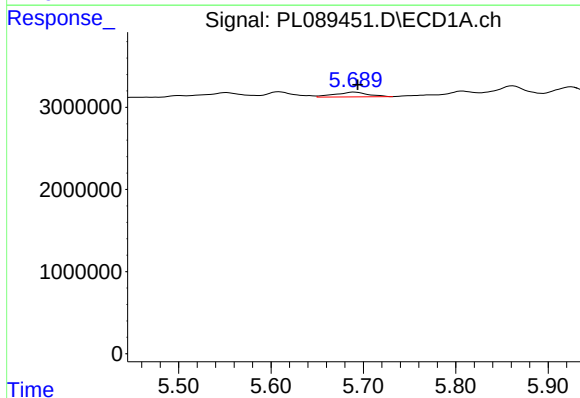
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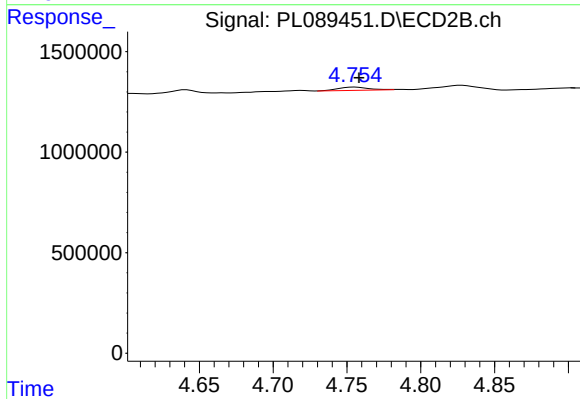
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.009 min
Response: 89751
Conc: 0.05 ng/ml



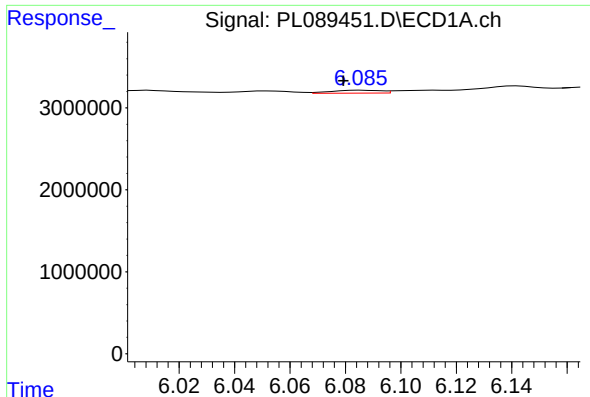
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 1472903
Conc: 0.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.755 min
Delta R.T.: -0.003 min
Response: 230801
Conc: 0.14 ng/ml



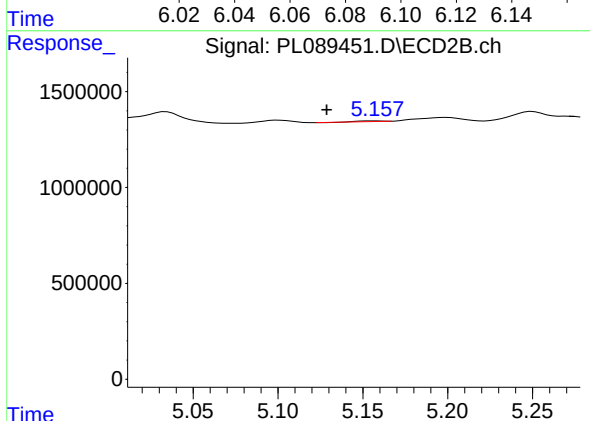
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.007 min
Response: 457165
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

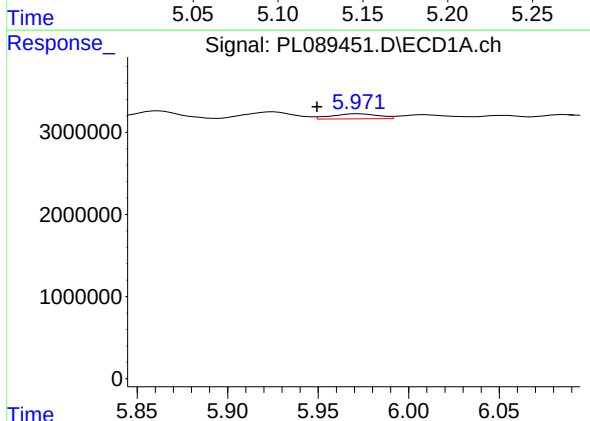
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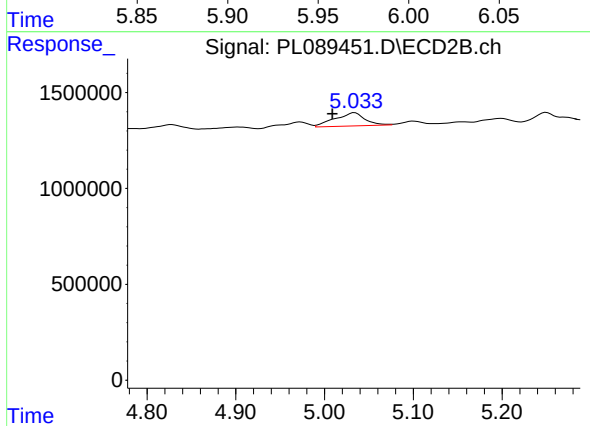
#9 Endosulfan I

R.T.: 5.155 min
Delta R.T.: 0.027 min
Response: 36773
Conc: 0.02 ng/ml



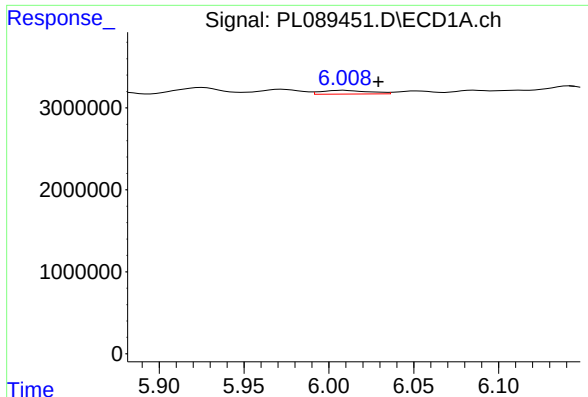
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.023 min
Response: 1135481
Conc: 0.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.025 min
Response: 1633378
Conc: 1.00 ng/ml



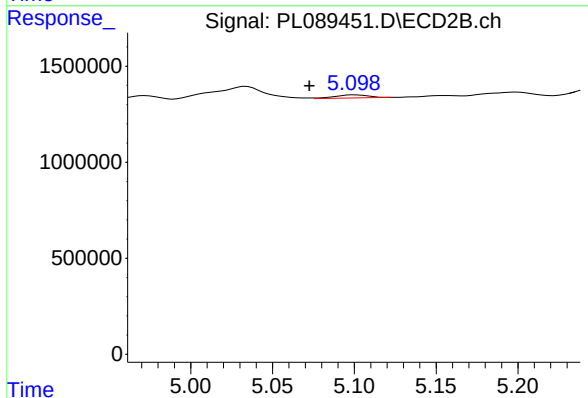
#11 alpha-Chlordane

R.T.: 6.009 min
Delta R.T.: -0.020 min
Response: 876693
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

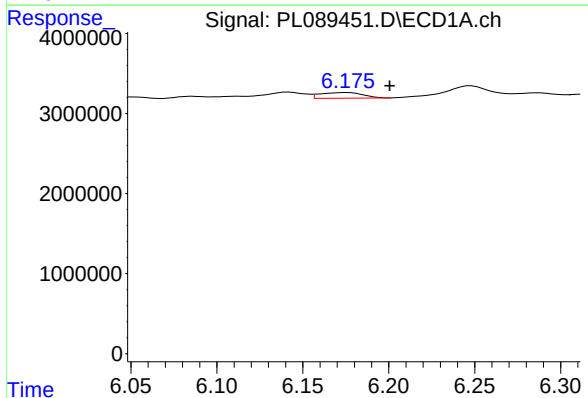
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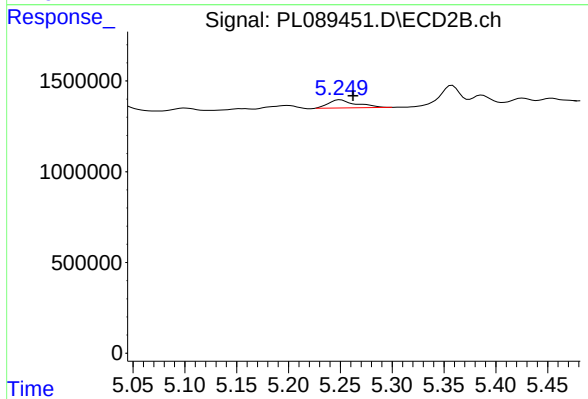
#11 alpha-Chlordane

R.T.: 5.100 min
Delta R.T.: 0.028 min
Response: 223911
Conc: 0.14 ng/ml



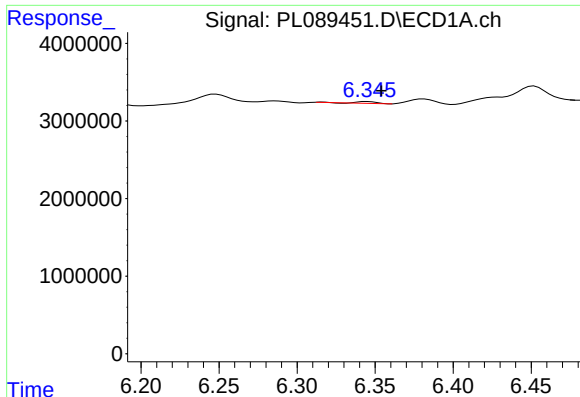
#12 4,4'-DDE

R.T.: 6.176 min
Delta R.T.: -0.025 min
Response: 1216324
Conc: 0.60 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.012 min
Response: 830476
Conc: 0.57 ng/ml



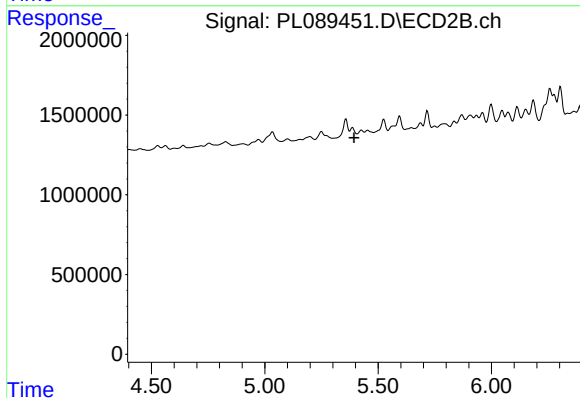
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.009 min
Response: 181511
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

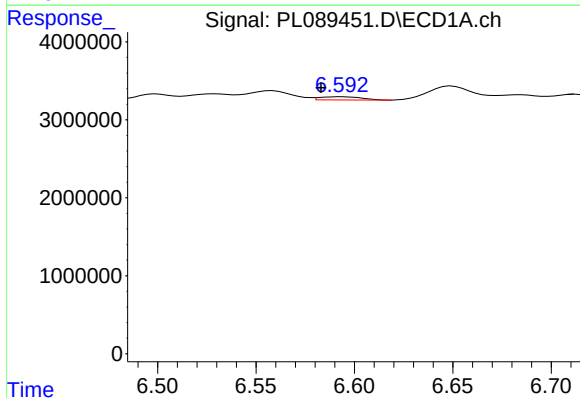
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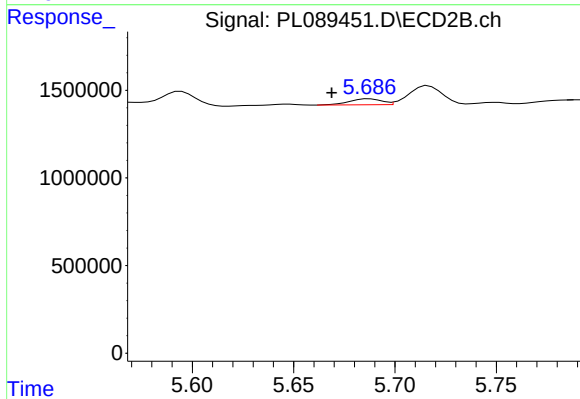
#13 Dieldrin

R.T.: 5.387 min
Delta R.T.: -0.007 min
Response: -431134
Conc: N.D.



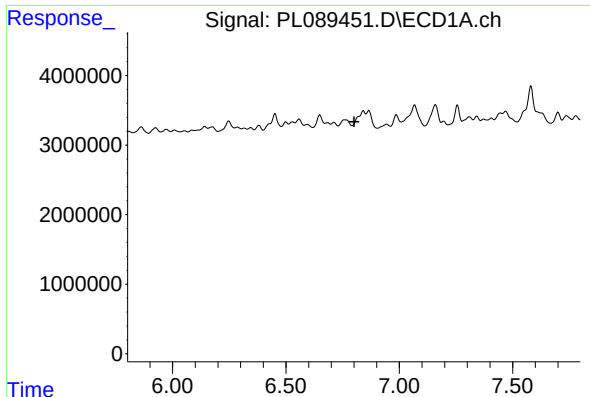
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.010 min
Response: 588429
Conc: 0.31 ng/ml



#14 Endrin

R.T.: 5.687 min
Delta R.T.: 0.019 min
Response: 377393
Conc: 0.26 ng/ml



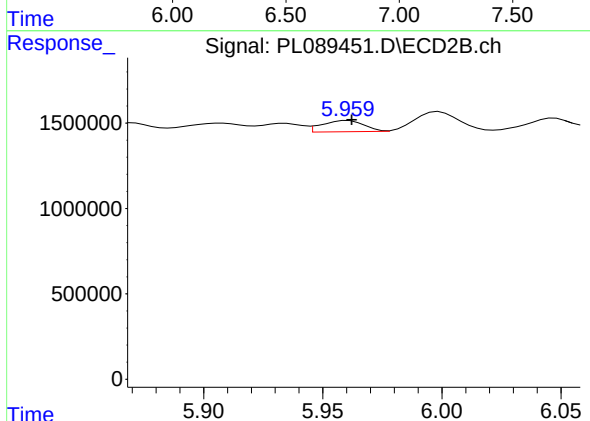
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.801 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

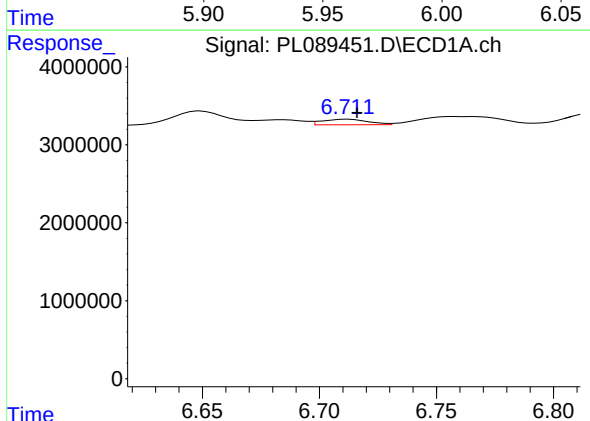
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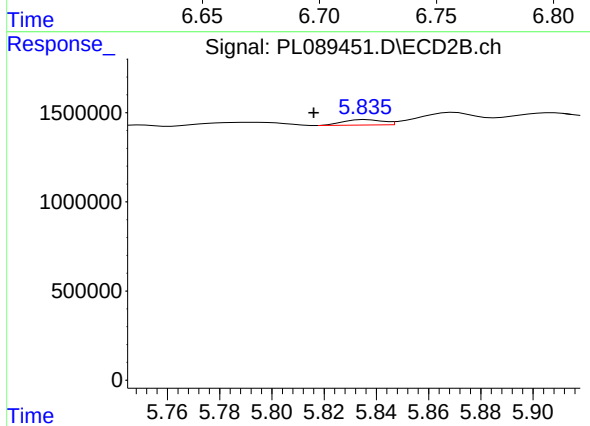
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: -0.002 min
Response: 806988
Conc: 0.56 ng/ml



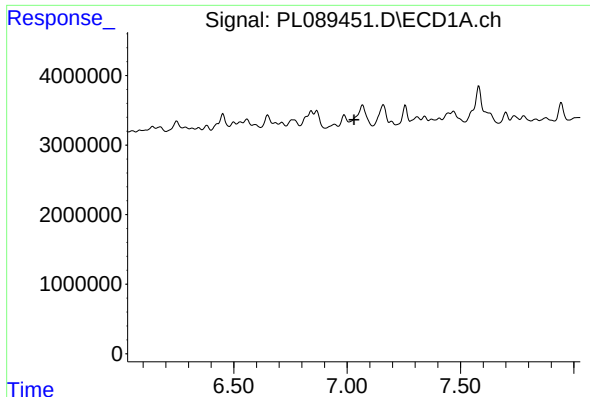
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 967512
Conc: 0.57 ng/ml



#16 4,4'-DDD

R.T.: 5.836 min
Delta R.T.: 0.020 min
Response: 321972
Conc: 0.26 ng/ml



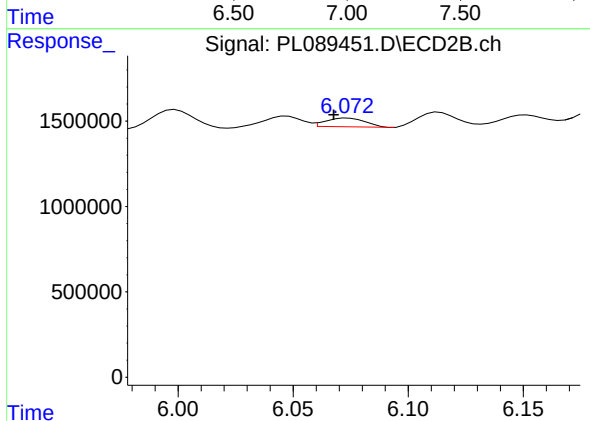
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

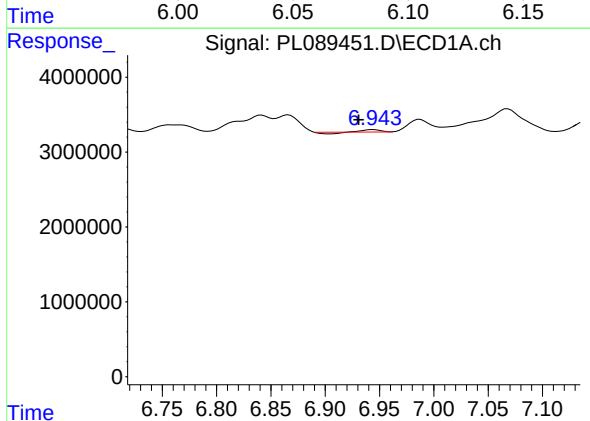
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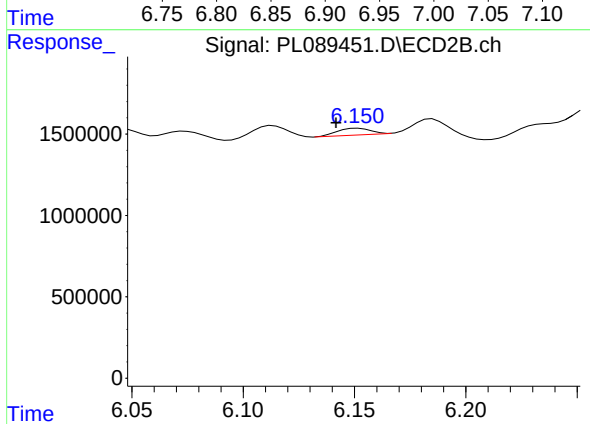
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: 0.006 min
Response: 614379
Conc: 0.45 ng/ml



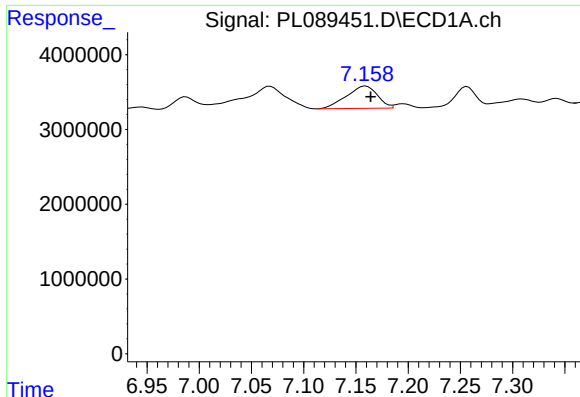
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.014 min
Response: 116907
Conc: 0.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.152 min
Delta R.T.: 0.010 min
Response: 430386
Conc: 0.39 ng/ml



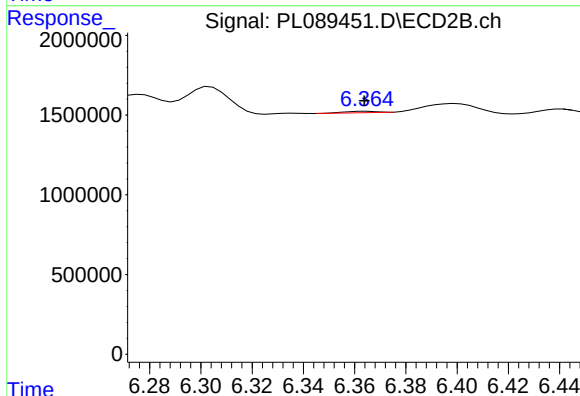
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.005 min
Response: 6173191
Conc: 3.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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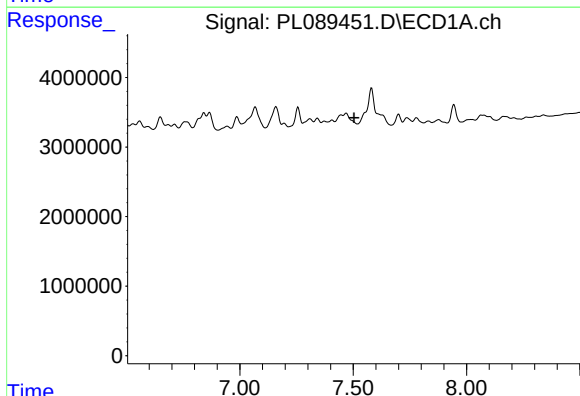
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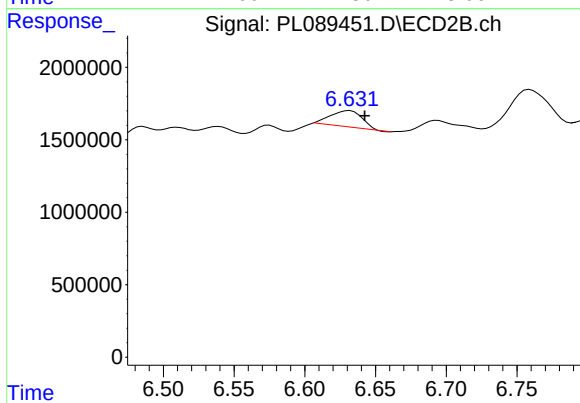
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.001 min
Response: 76524
Conc: 0.06 ng/ml



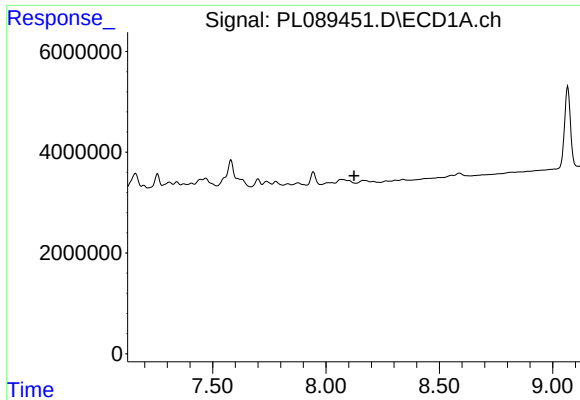
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: -0.011 min
Response: 1735752
Conc: 2.17 ng/ml



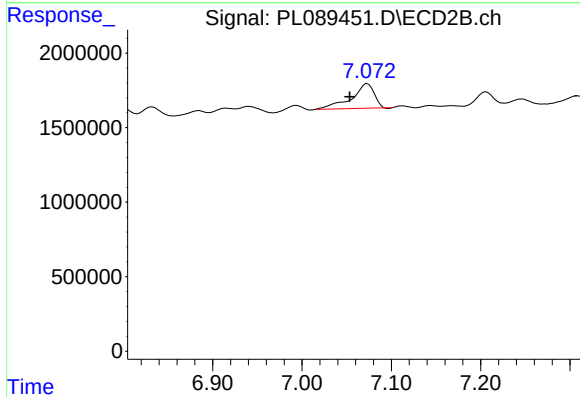
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.124 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

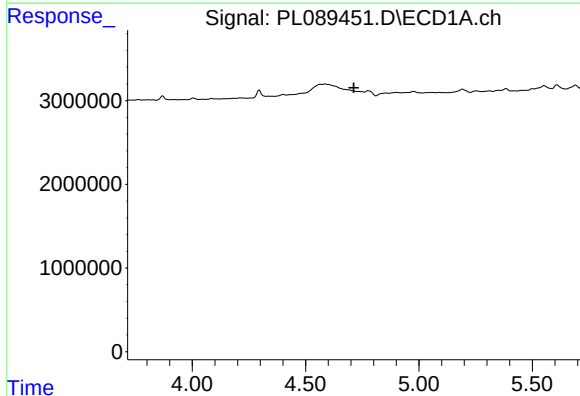
Manual Integrations
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Reviewed By :Abdul Mirza 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



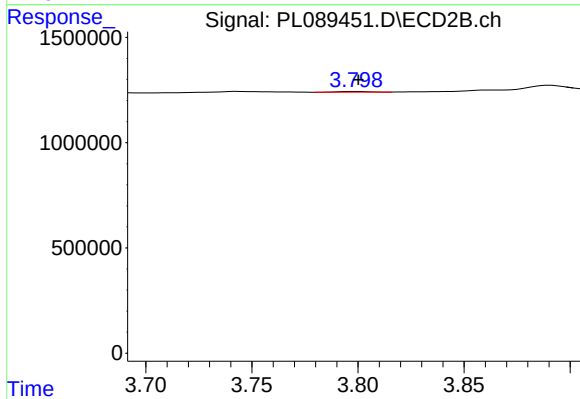
#22 Mirex

R.T.: 7.073 min
Delta R.T.: 0.020 min
Response: 2897418
Conc: 2.12 ng/ml



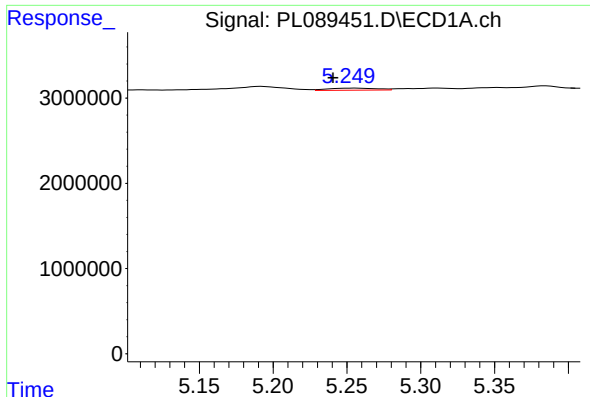
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 36508
Conc: 0.74 ng/ml



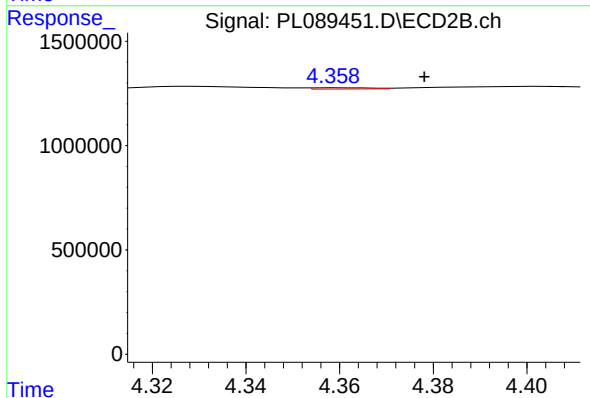
#24 Chlordane-2

R.T.: 5.256 min
Delta R.T.: 0.015 min
Response: 560277
Conc: 5.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

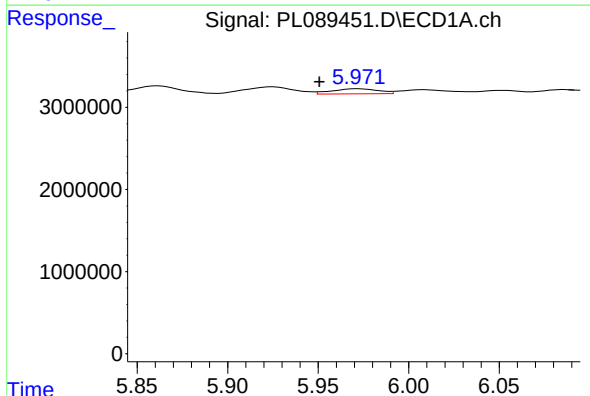
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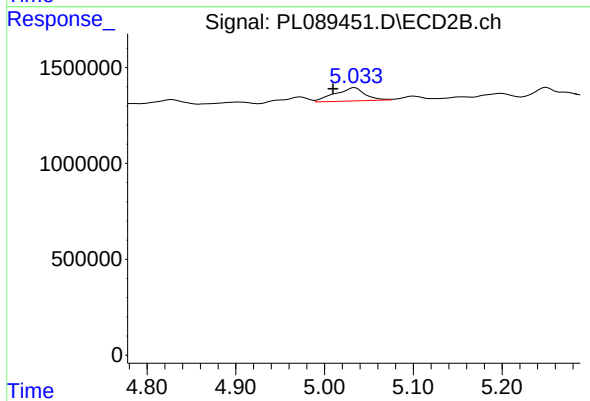
#24 Chlordane-2

R.T.: 4.360 min
Delta R.T.: -0.018 min
Response: 51991
Conc: 0.82 ng/ml



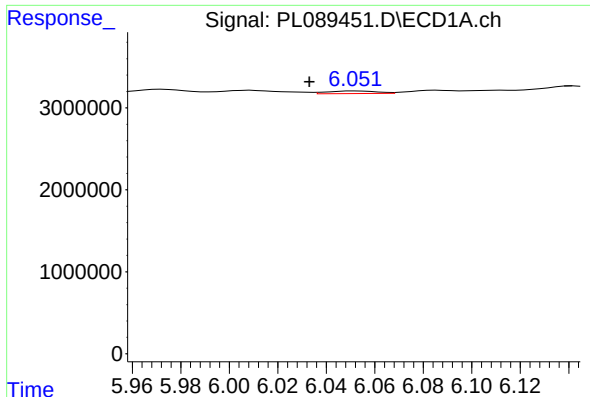
#25 Chlordane-3

R.T.: 5.972 min
Delta R.T.: 0.022 min
Response: 1135481
Conc: 3.44 ng/ml



#25 Chlordane-3

R.T.: 5.034 min
Delta R.T.: 0.024 min
Response: 1633378
Conc: 9.54 ng/ml



#26 Chlordane-4

R.T.: 6.052 min
Delta R.T.: 0.019 min
Response: 450882
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

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#26 Chlordane-4

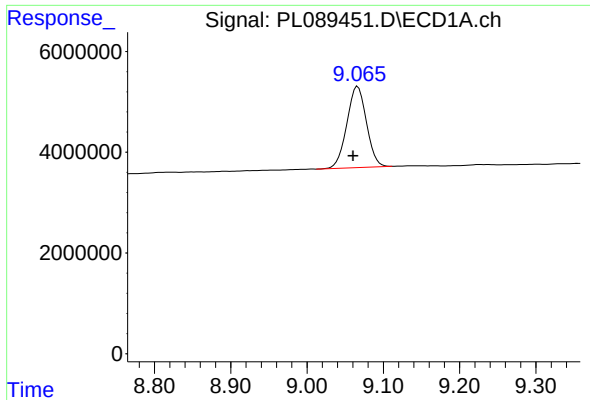
R.T.: 5.100 min
Delta R.T.: 0.028 min
Response: 223911
Conc: 1.39 ng/ml

#27 Chlordane-5

R.T.: 6.866 min
Delta R.T.: -0.014 min
Response: 3350837
Conc: 40.26 ng/ml

#27 Chlordane-5

R.T.: 5.750 min
Delta R.T.: 0.012 min
Response: 69020
Conc: 1.35 ng/ml



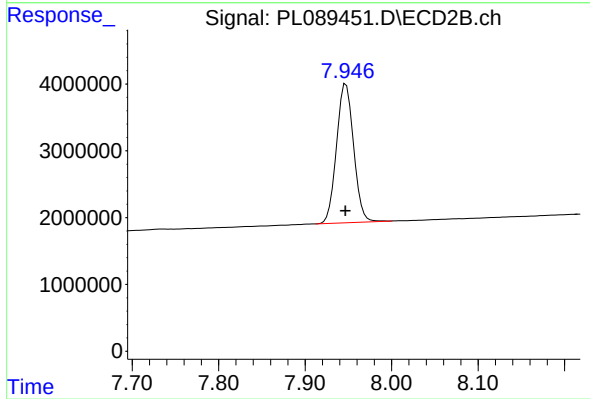
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 28756207
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

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#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 28411808
Conc: 21.12 ng/ml