

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
 Data File : PL092373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 14:43
 Operator : AR\AJ
 Sample : P4368-03
 Misc : PEST MDL 1PPB SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:35:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.541	2.779	44024980	46707822	19.790	18.623
28)	SA Decachlor...	9.061	7.921	36306342	51086015	22.162	20.419
Target Compounds							
2)	A alpha-BHC	3.997	3.282	3542769	3253514	1.144	0.893
3)	MA gamma-BHC...	4.329	3.612	3359912	3188993	1.084	0.903
4)	MA Heptachlor	4.917	3.952	3380616	3510216	1.222m	1.017
5)	MB Aldrin	5.259	4.232	3384382	3333452	1.218m	0.980
6)	B beta-BHC	4.528	3.912	1715655	1904372	1.293	1.267
7)	B delta-BHC	4.774	4.141	4367289	2771746	1.514	0.798 #
8)	B Heptachlo...	5.686	4.735	3686590	3082552	1.449m	1.020 #
9)	A Endosulfan I	6.072	5.103	3021520	2964645	1.306m	1.080m
10)	B gamma-Chl...	5.942	4.985	2986414	3723342	1.208m	1.238
11)	B alpha-Chl...	6.022	5.048	3408153	3488822	1.384	1.165
12)	B 4,4'-DDE	6.194	5.237	2864484	2812478	1.323m	1.012
13)	MA Dieldrin	6.348	5.369	2953009	2758876	1.211	0.941
14)	MA Endrin	6.578	5.645	2999202	3352493	1.455	1.279
15)	B Endosulfa...	6.796	5.939	2557908	2706433	1.163m	1.082
16)	A 4,4'-DDD	6.712	5.792	2071458	2604210	1.154m	1.219
17)	MA 4,4'-DDT	7.027	6.043	2472891	2570455	1.343	1.111
18)	B Endrin al...	6.927	6.119	2327740	2065837	1.336	1.012
19)	B Endosulfa...	7.161	6.341	2773341	2756511	1.399m	1.143
20)	A Methoxychlor	7.502	6.618	1253795	1207631	1.277m	0.966
21)	B Endrin ke...	7.646	6.847	2818563	2611175	1.283m	0.943 #
22)	Mirex	8.122	7.027	2560428	2901253	1.422	1.193m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
Data File : PL092373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 14:43
Operator : AR\AJ
Sample : P4368-03
Misc : PEST MDL 1PPB SOIL
ALS Vial : 8 Sample Multiplier: 1

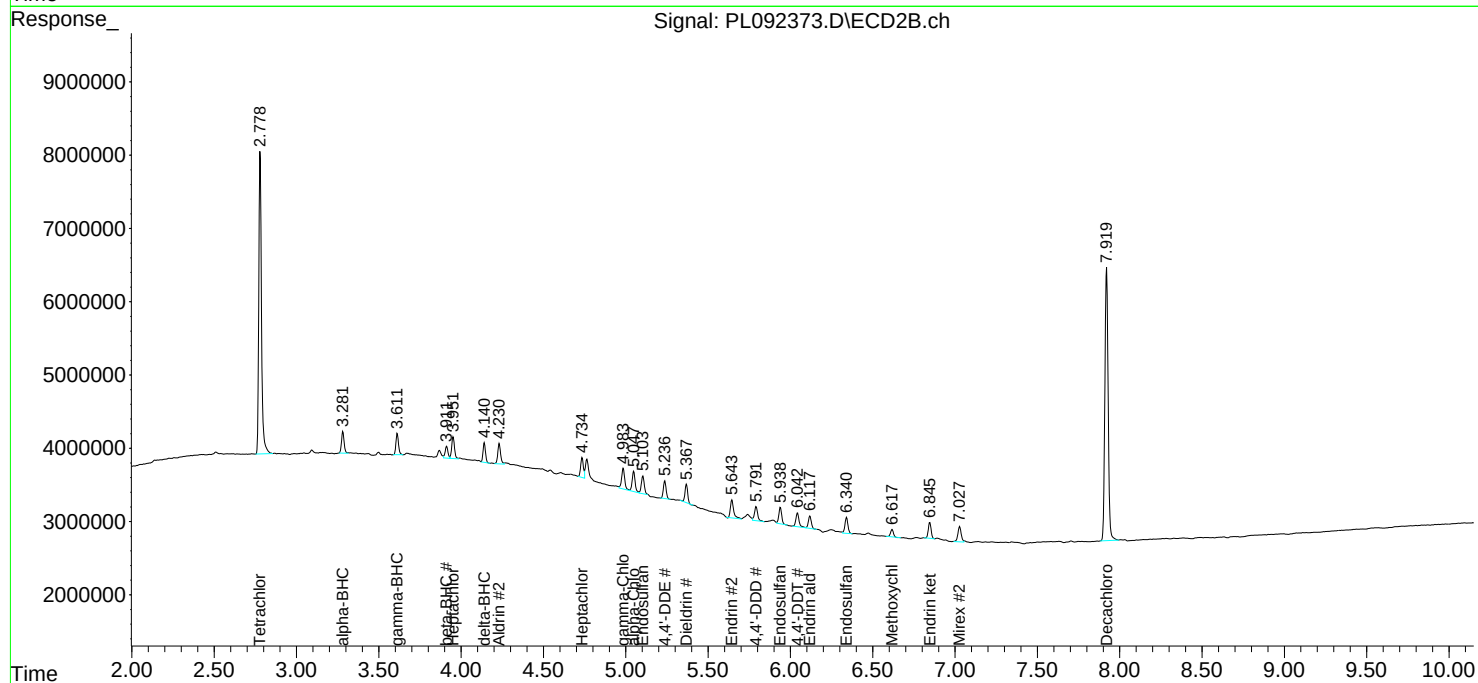
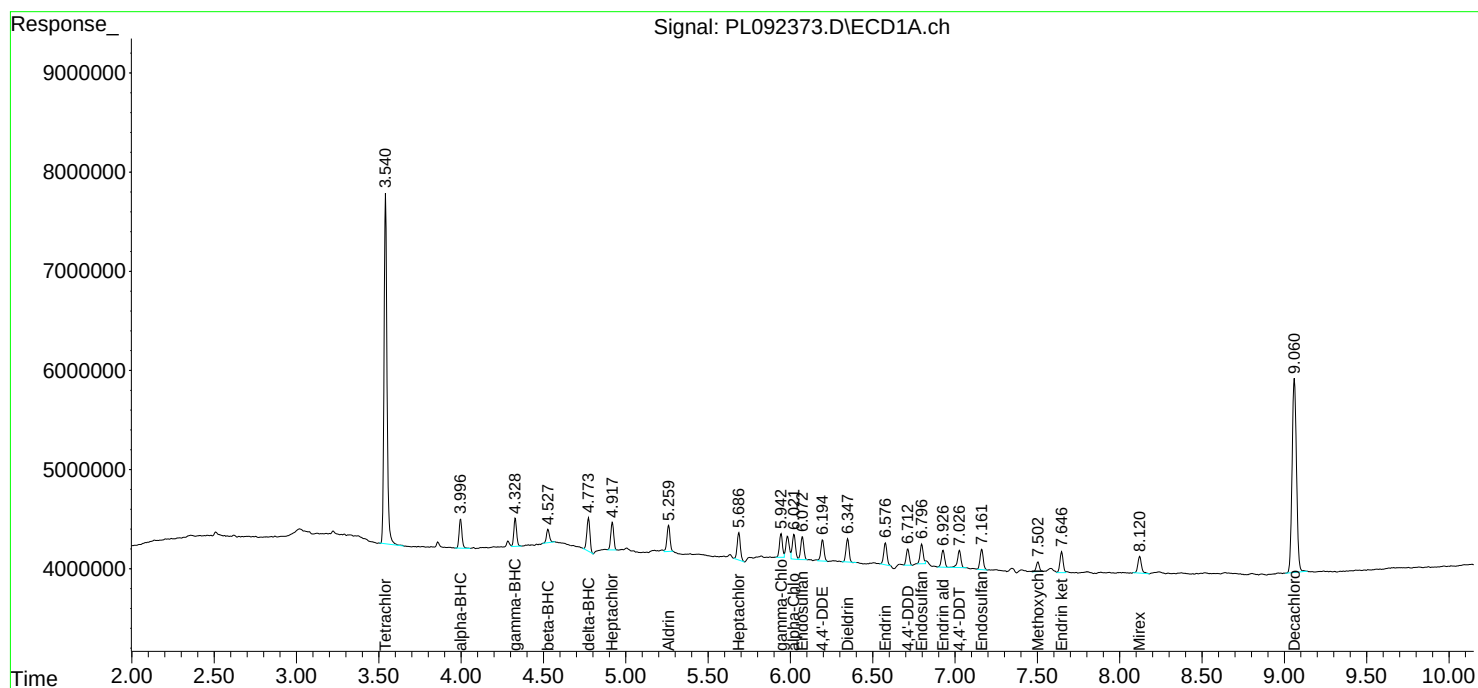
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

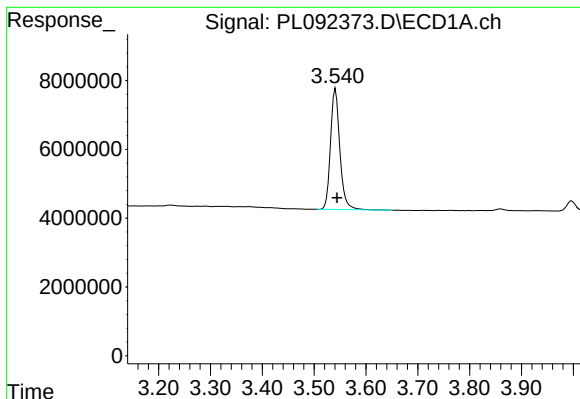
Manual Integrations
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Supervised By : Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 03:35:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





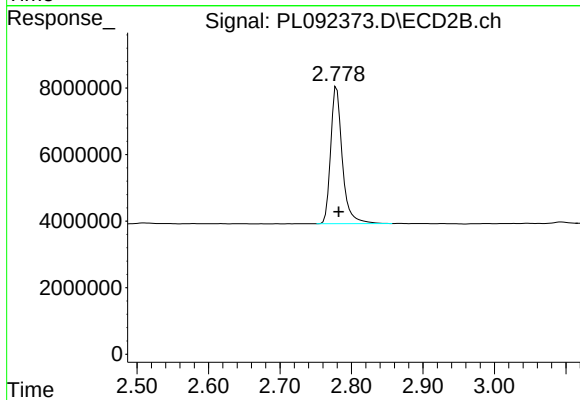
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 44024980
Conc: 19.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

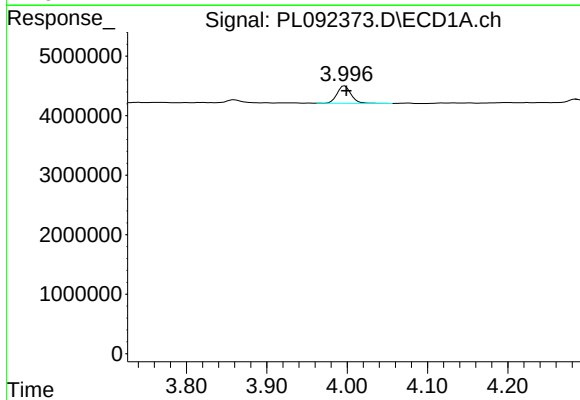
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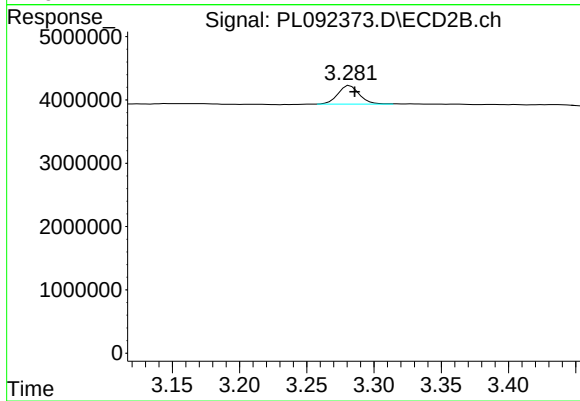
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.003 min
Response: 46707822
Conc: 18.62 ng/ml



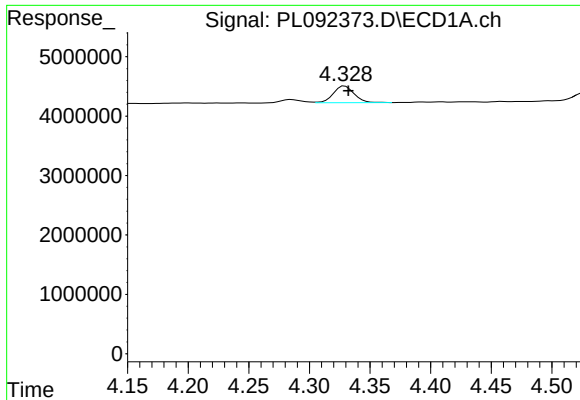
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 3542769
Conc: 1.14 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: -0.003 min
Response: 3253514
Conc: 0.89 ng/ml



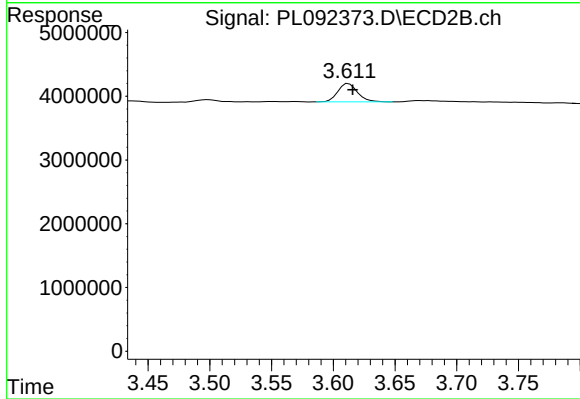
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 3359912
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

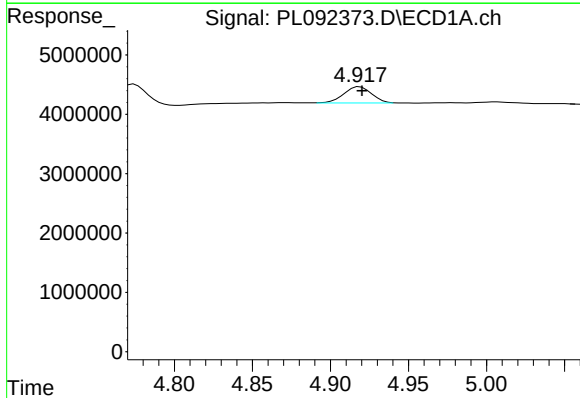
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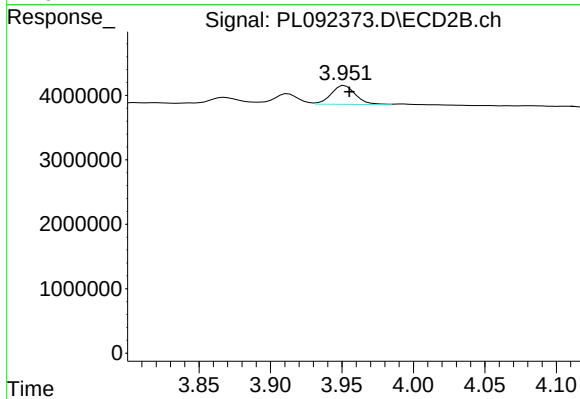
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: -0.003 min
Response: 3188993
Conc: 0.90 ng/ml



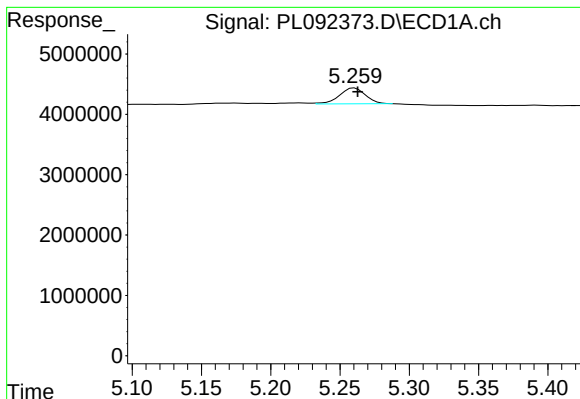
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.003 min
Response: 3380616
Conc: 1.22 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: -0.003 min
Response: 3510216
Conc: 1.02 ng/ml



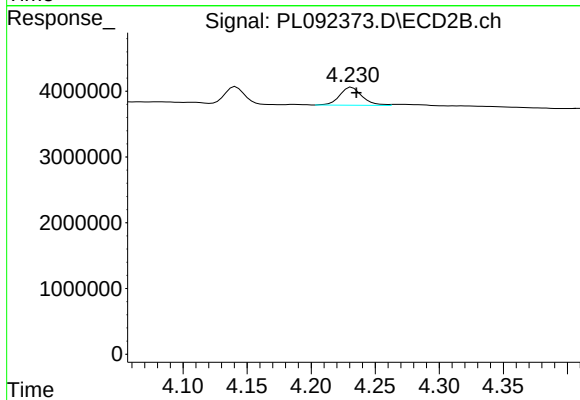
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 3384382
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

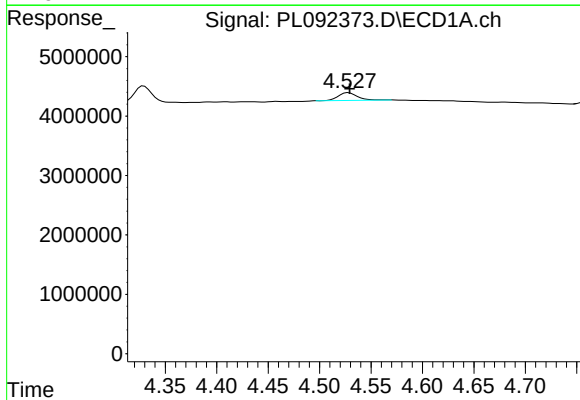
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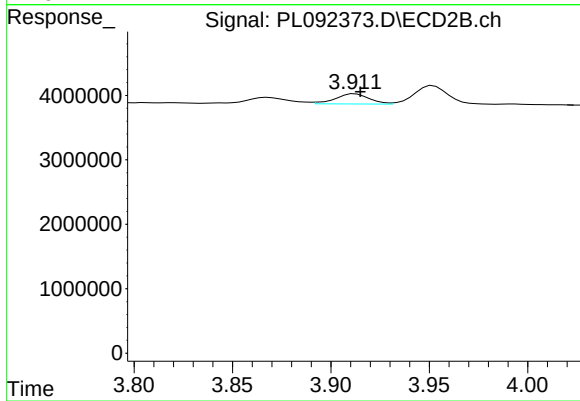
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: -0.003 min
Response: 3333452
Conc: 0.98 ng/ml



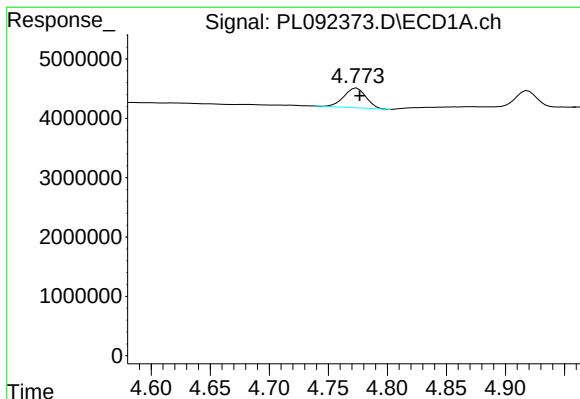
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 1715655
Conc: 1.29 ng/ml



#6 beta-BHC

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 1904372
Conc: 1.27 ng/ml



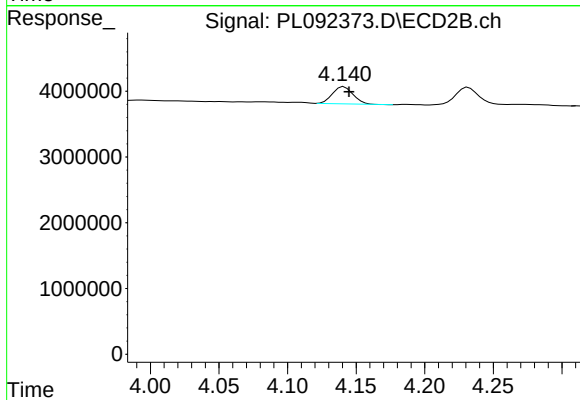
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 4367289
Conc: 1.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

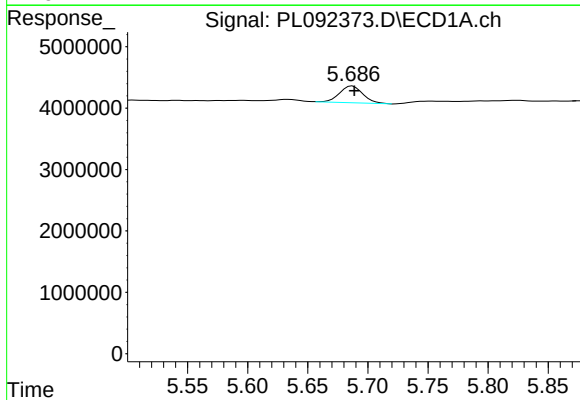
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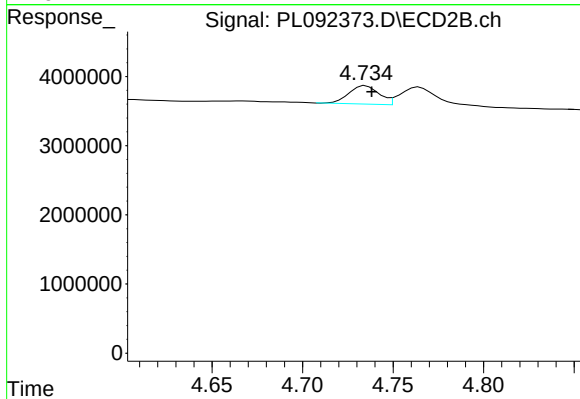
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 2771746
Conc: 0.80 ng/ml



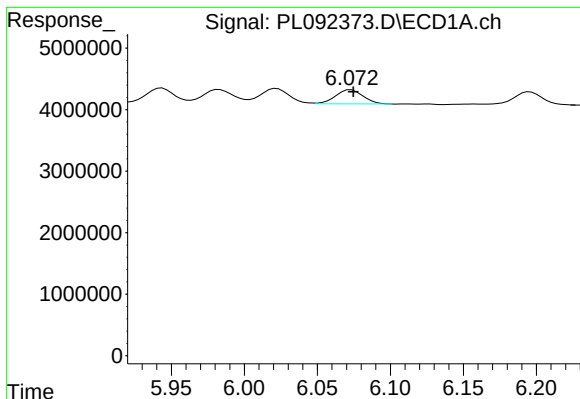
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 3686590
Conc: 1.45 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 3082552
Conc: 1.02 ng/ml



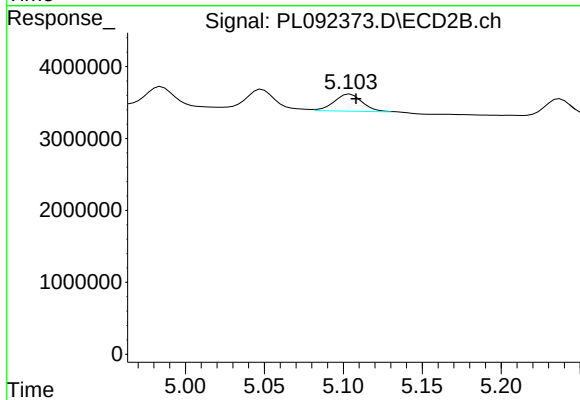
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 3021520
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

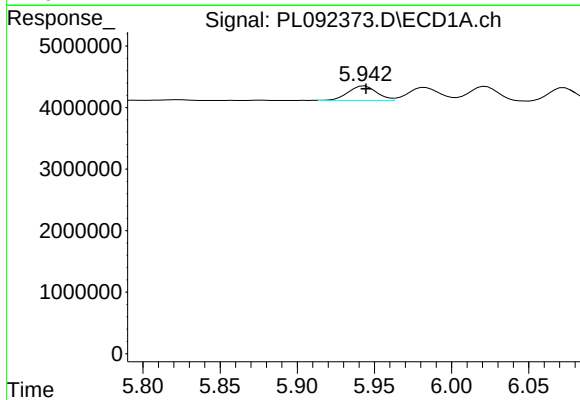
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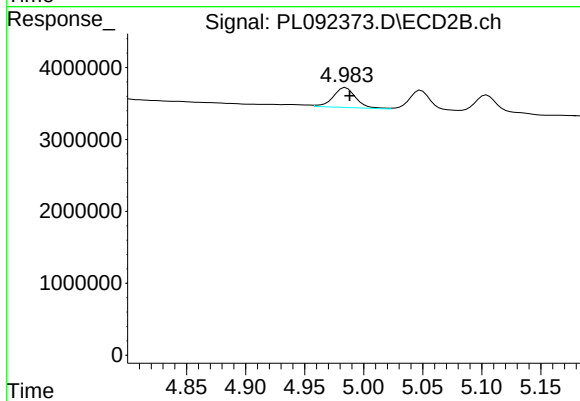
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.005 min
Response: 2964645
Conc: 1.08 ng/ml m



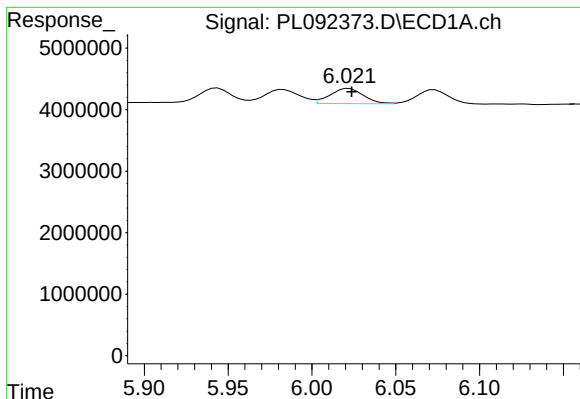
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 2986414
Conc: 1.21 ng/ml m



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 3723342
Conc: 1.24 ng/ml



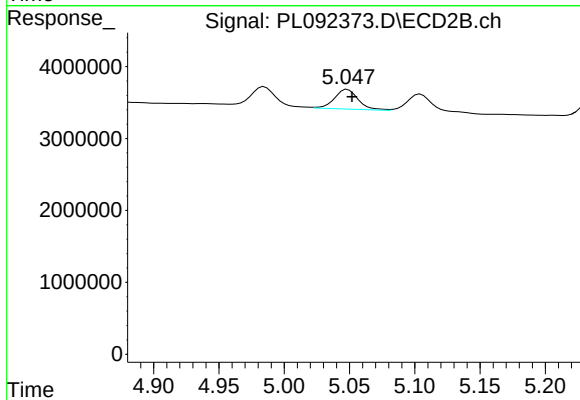
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 3408153
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

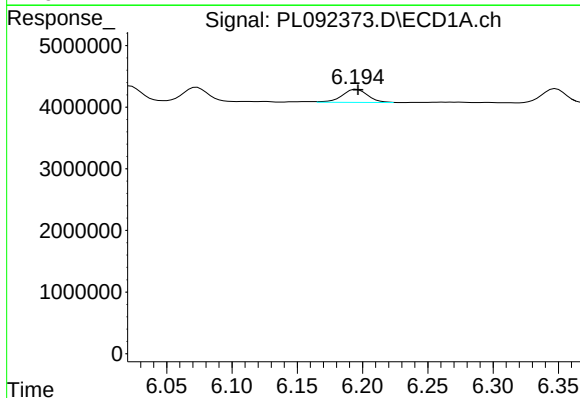
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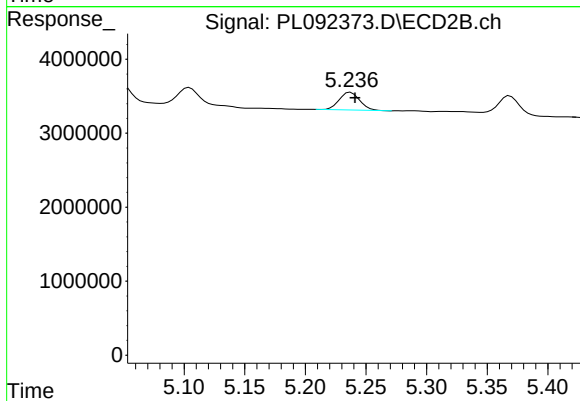
#11 alpha-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 3488822
Conc: 1.17 ng/ml



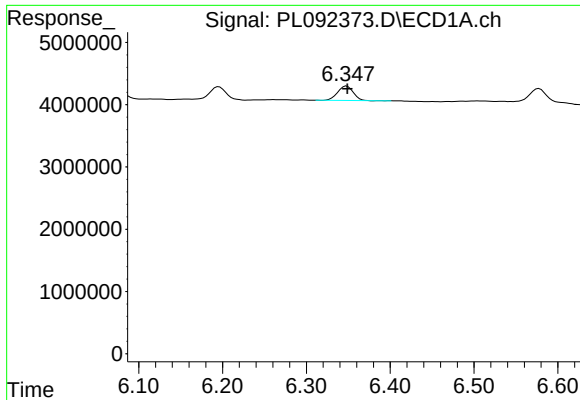
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 2864484
Conc: 1.32 ng/ml m



#12 4,4'-DDE

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 2812478
Conc: 1.01 ng/ml



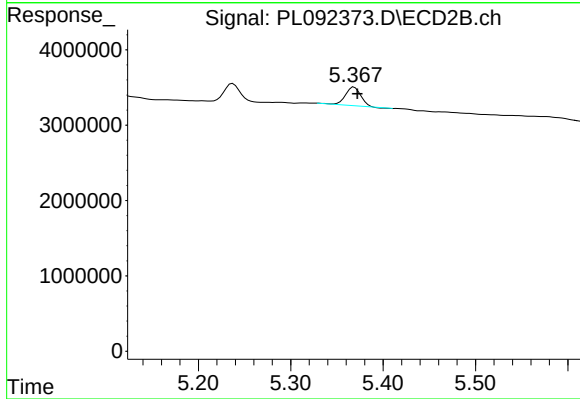
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 2953009
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

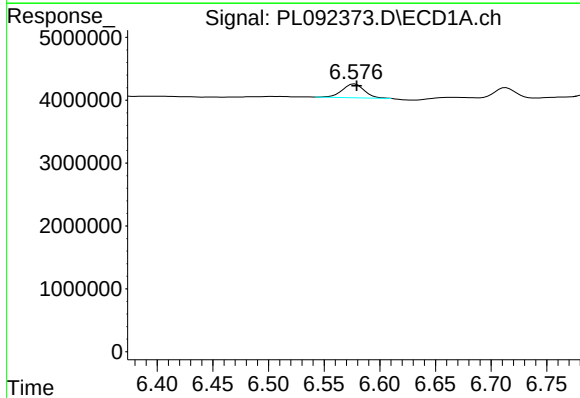
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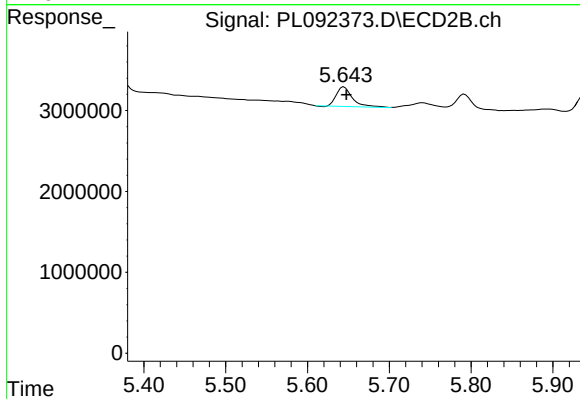
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 2758876
Conc: 0.94 ng/ml



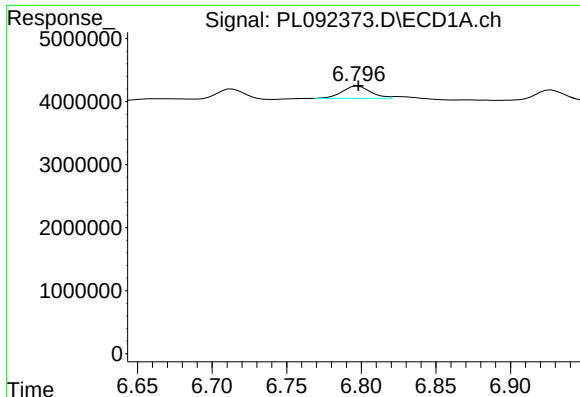
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 2999202
Conc: 1.46 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 3352493
Conc: 1.28 ng/ml



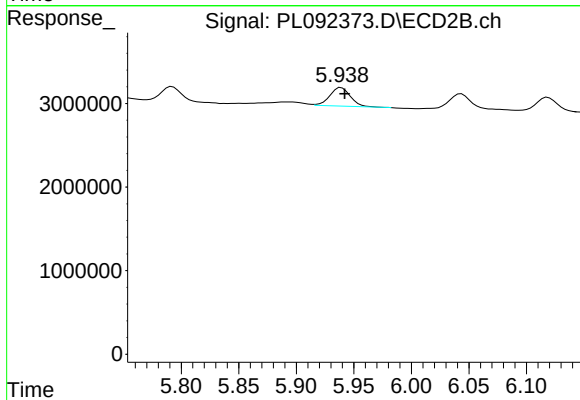
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 2557908
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
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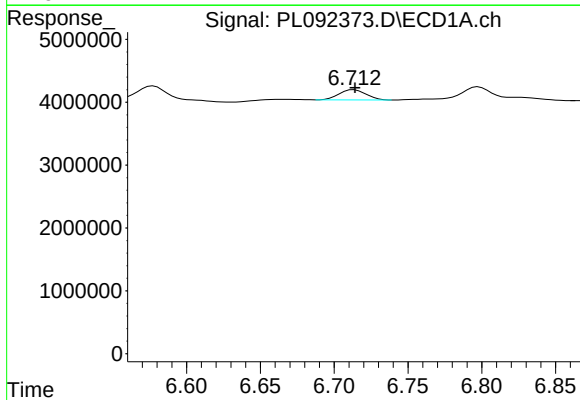
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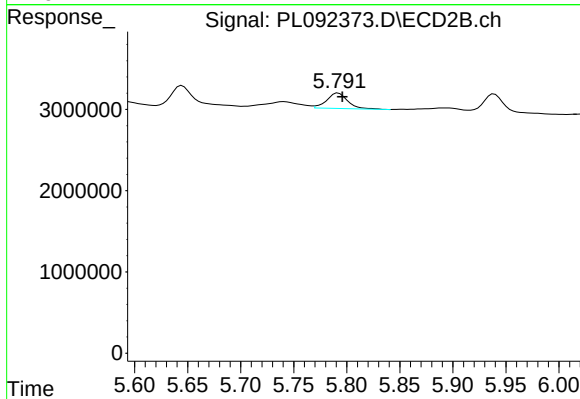
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 2706433
Conc: 1.08 ng/ml



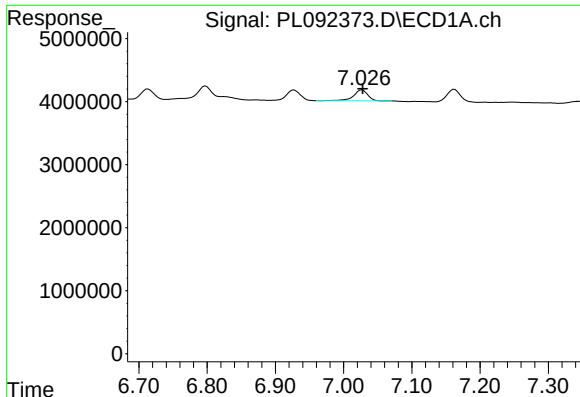
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 2071458
Conc: 1.15 ng/ml m



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 2604210
Conc: 1.22 ng/ml



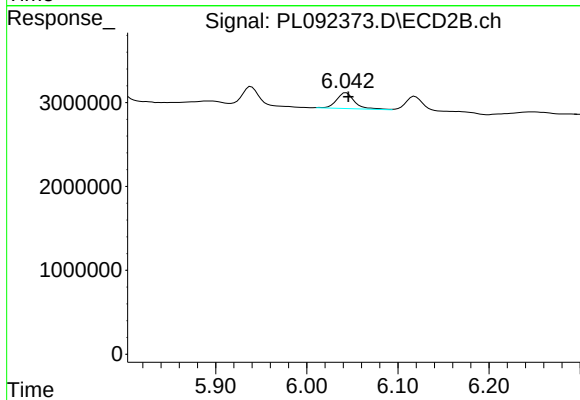
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 2472891
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

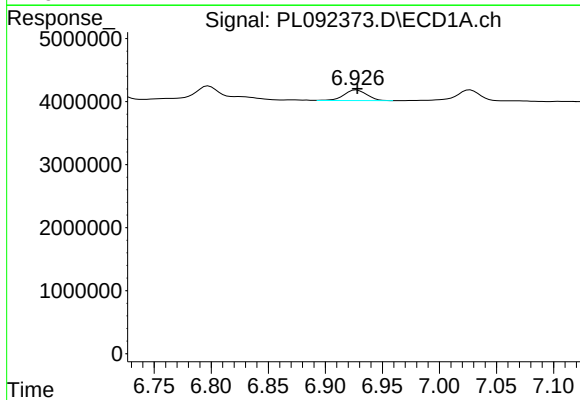
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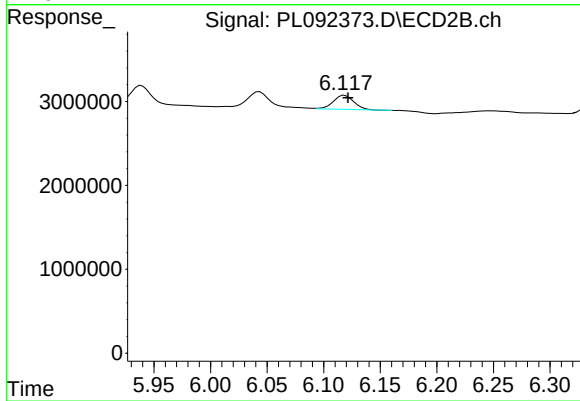
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 2570455
Conc: 1.11 ng/ml



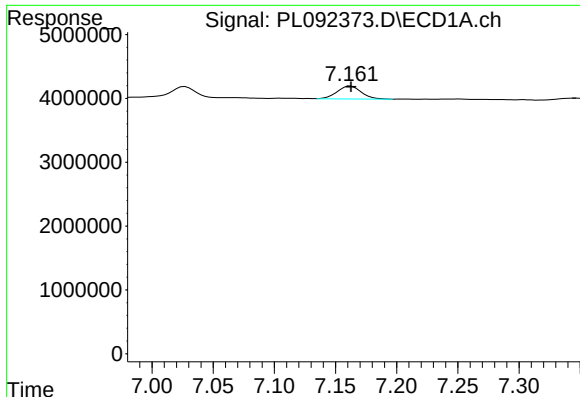
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 2327740
Conc: 1.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 2065837
Conc: 1.01 ng/ml



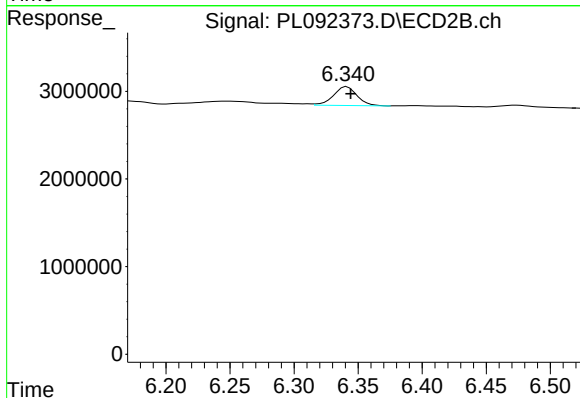
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 2773341
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

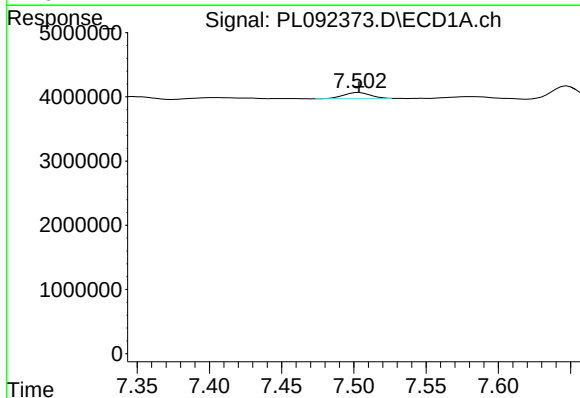
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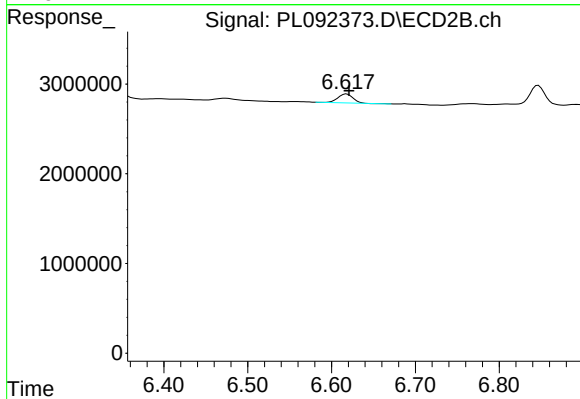
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 2756511
Conc: 1.14 ng/ml



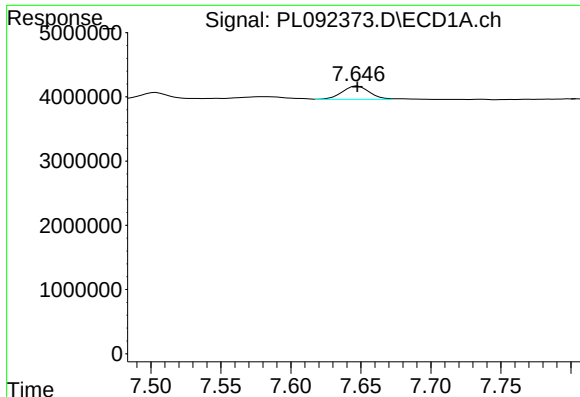
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 1253795
Conc: 1.28 ng/ml m



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 1207631
Conc: 0.97 ng/ml



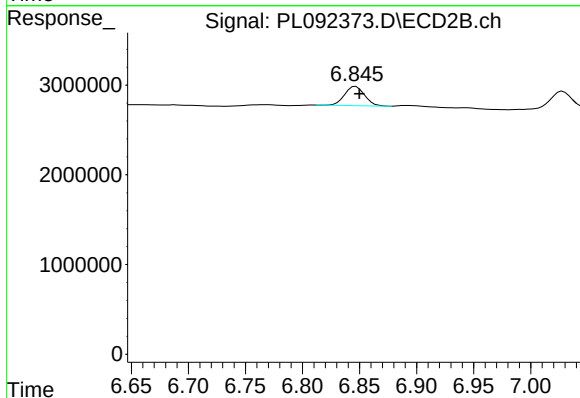
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 2818563
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

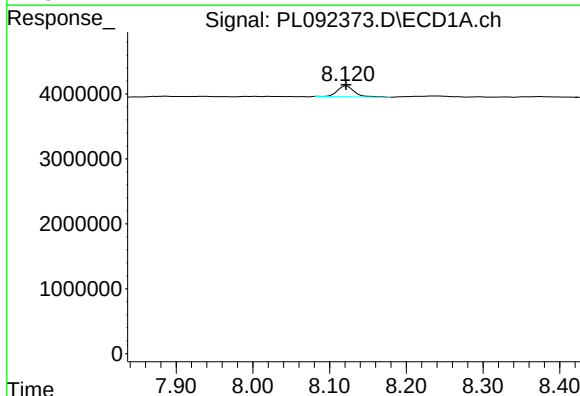
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



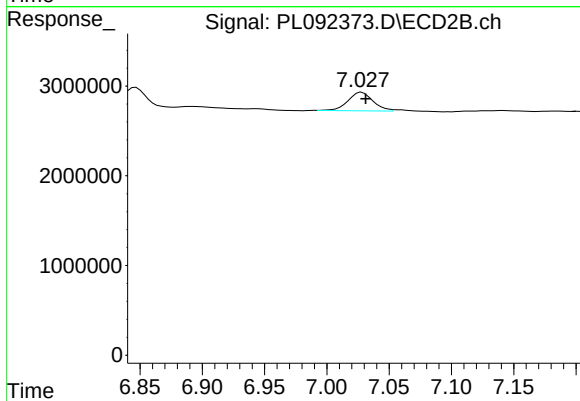
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 2611175
Conc: 0.94 ng/ml



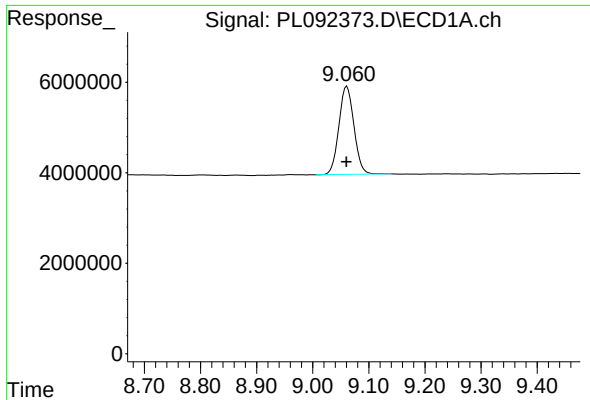
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 2560428
Conc: 1.42 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.005 min
Response: 2901253
Conc: 1.19 ng/ml m



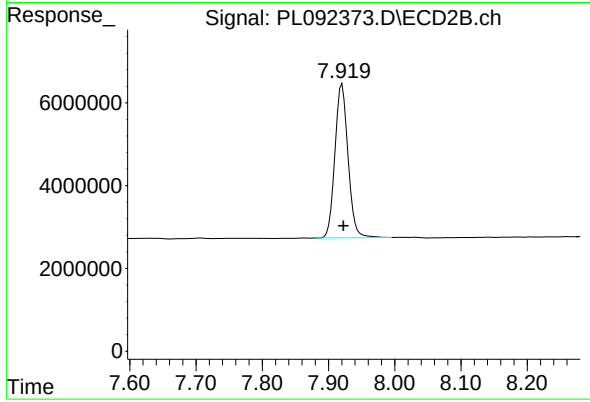
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 36306342
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT4-2024

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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 51086015
Conc: 20.42 ng/ml