

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080522\
 Data File : PL076923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 13:48
 Operator : AR\AJ
 Sample : M3980-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2022
 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 14:26:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 01 16:34:20 2022
 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...	3.421	2.640	16822775	41254258	17.671	17.873
28)	SA Decachlor...	8.912	7.747	15474624	36474503	19.473	18.972
Target Compounds							
2)	A alpha-BHC	3.885	3.133	1081549	3120882	0.786	0.940
3)	MA gamma-BHC...	4.221	3.458	1098381	2594735	0.866	0.907
4)	MA Heptachlor	4.798	3.792	1308567	2453637	1.070	0.854
5)	MB Aldrin	5.139	4.066	1091245	2643697	0.937	0.951
6)	B beta-BHC	4.432	3.757	634144	1182105	1.200	0.970
7)	B delta-BHC	4.676	3.981	620977	2999367	0.660	0.979 #
8)	B Heptachlo...	5.571	4.566	1162342	2778723	1.243	1.136
9)	A Endosulfan I	5.957	4.932	999130	2316545	1.040	1.091
10)	B gamma-Chl...	5.826	4.816	1102488	2773417	1.079	1.132
11)	B alpha-Chl...	5.903	4.878	1041334	2364240	0.993	0.985
12)	B 4,4'-DDE	6.082	5.072	894725	2156828	0.948	0.926
13)	MA Dieldrin	6.235	5.195	1070244	2591383	1.048	1.068
14)	MA Endrin	6.464	5.467	697625	1592604	0.757m	0.736
15)	B Endosulfa...	6.693	5.762	988663	3785213	1.103m	1.715 #
16)	A 4,4'-DDD	6.603	5.624	1270875	2148446	1.487m	1.151
17)	MA 4,4'-DDT	6.917	5.873	747066	874275	0.887	0.468 #
18)	B Endrin al...	6.825	5.942	777185	1439526	1.056	0.893
19)	B Endosulfa...	7.057	6.165	937876	1883645	1.090	0.982
20)	A Methoxychlor	7.398	6.451	459248	932288	0.953	0.913
21)	B Endrin ke...	7.546	6.665	986614	2259225	1.059	1.083
22)	Mirex	8.007	6.843	896070	1686962	1.213	1.047

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080522\
Data File : PL076923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 13:48
Operator : AR\AJ
Sample : M3980-03
Misc : PEST MDL 1 PPB
ALS Vial : 12 Sample Multiplier: 1

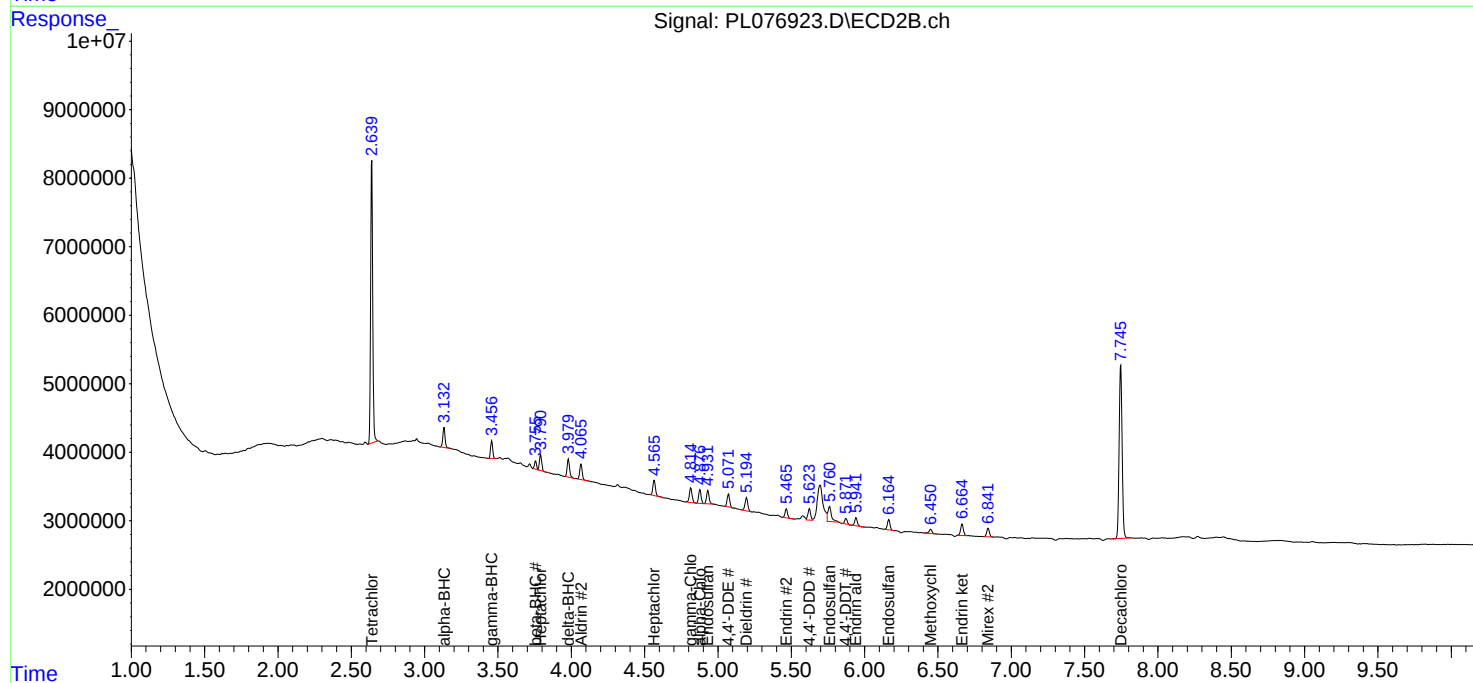
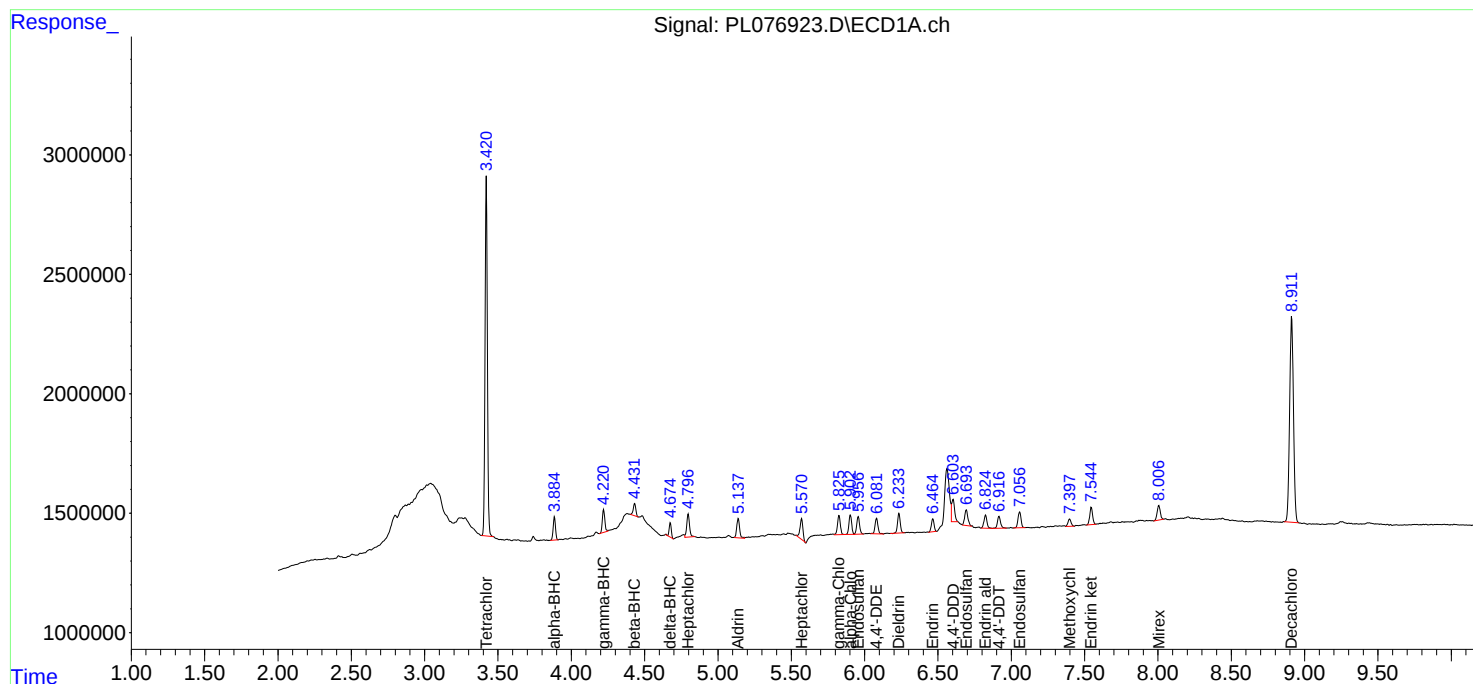
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

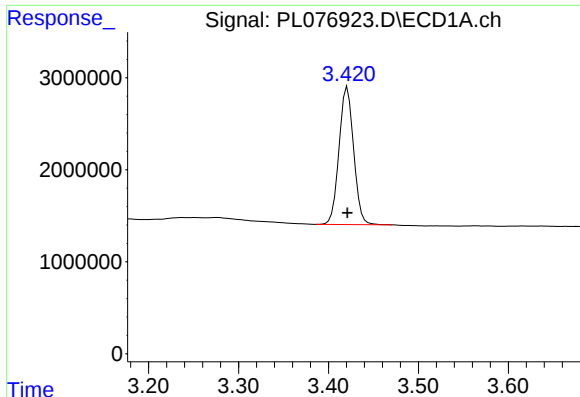
Manual Integrations
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Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 14:26:04 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
Quant Title : GC Extractables
QLast Update : Mon Aug 01 16:34:20 2022
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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





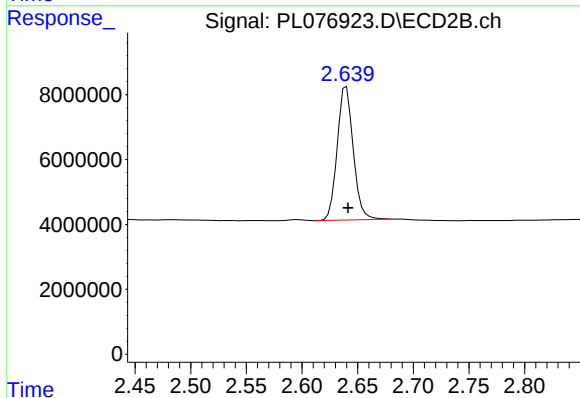
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 16822775
Conc: 17.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
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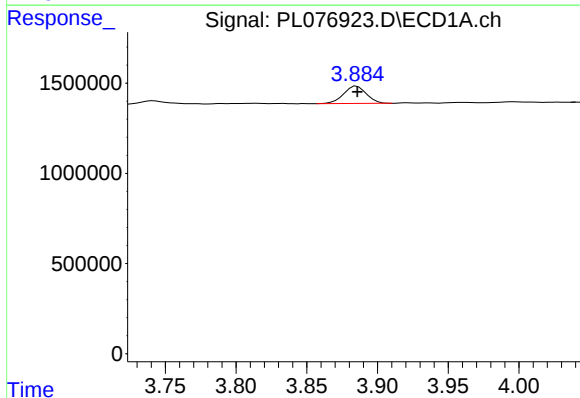
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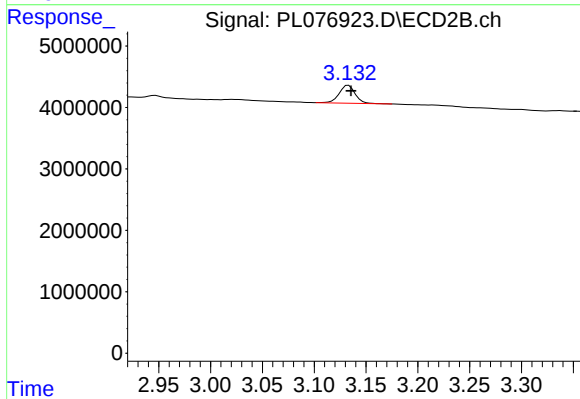
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 41254258
Conc: 17.87 ng/ml



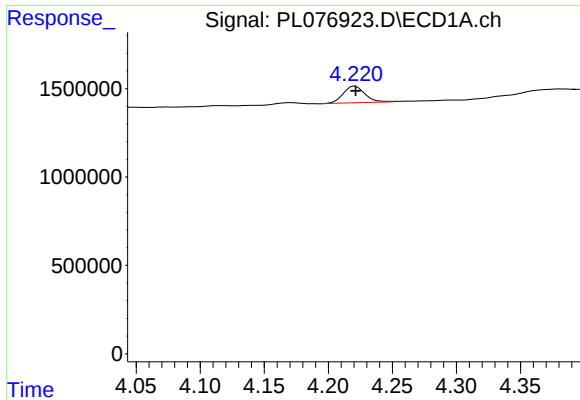
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 1081549
Conc: 0.79 ng/ml



#2 alpha-BHC

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 3120882
Conc: 0.94 ng/ml



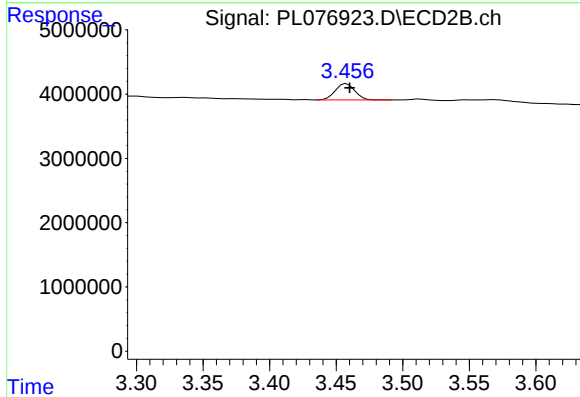
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 1098381
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

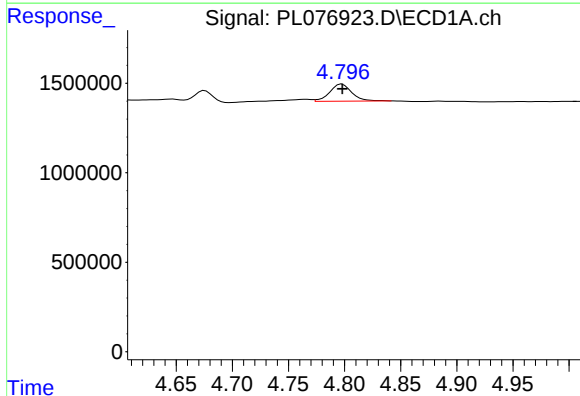
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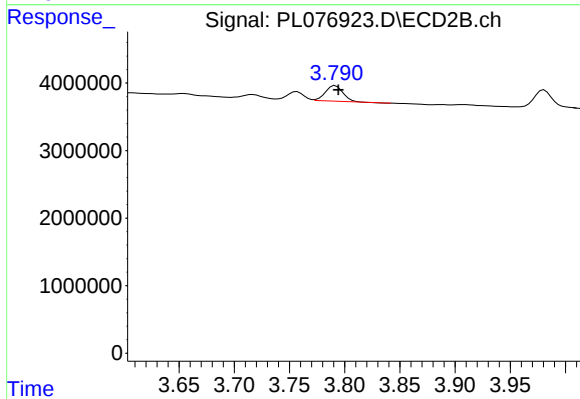
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.002 min
Response: 2594735
Conc: 0.91 ng/ml



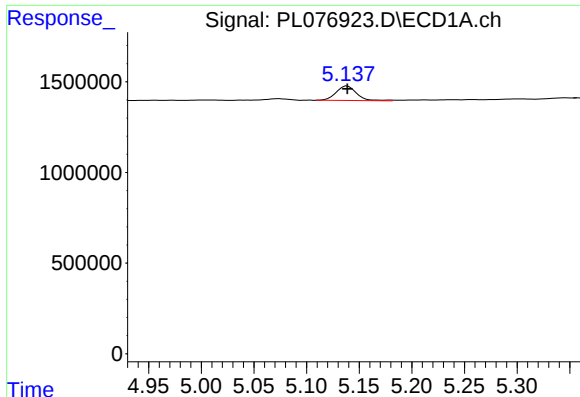
#4 Heptachlor

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 1308567
Conc: 1.07 ng/ml



#4 Heptachlor

R.T.: 3.792 min
Delta R.T.: -0.003 min
Response: 2453637
Conc: 0.85 ng/ml



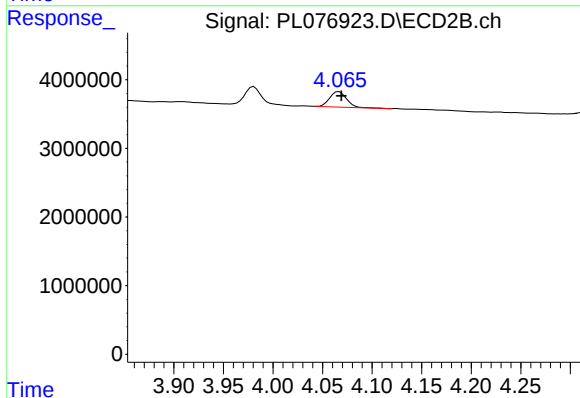
#5 Aldrin

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 1091245
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

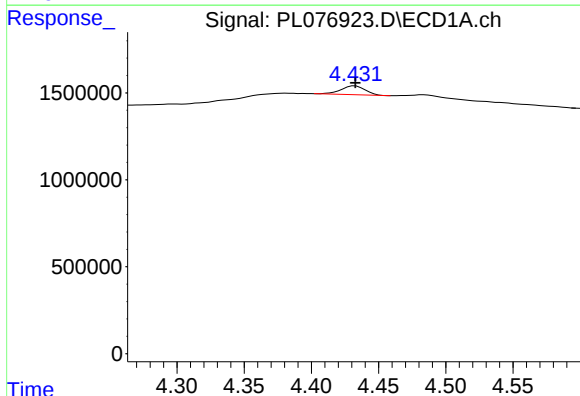
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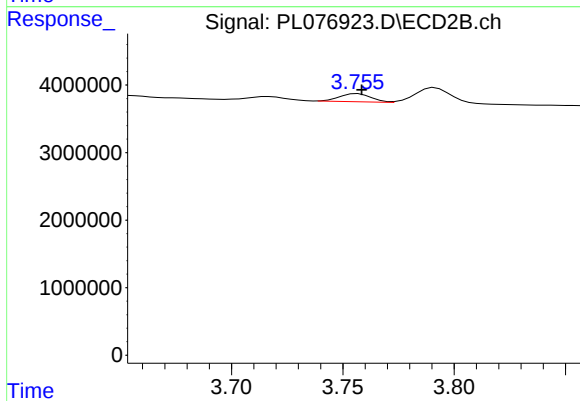
#5 Aldrin

R.T.: 4.066 min
Delta R.T.: -0.003 min
Response: 2643697
Conc: 0.95 ng/ml



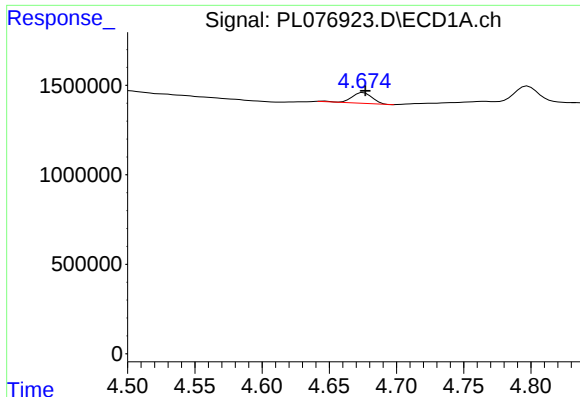
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 634144
Conc: 1.20 ng/ml



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: -0.002 min
Response: 1182105
Conc: 0.97 ng/ml



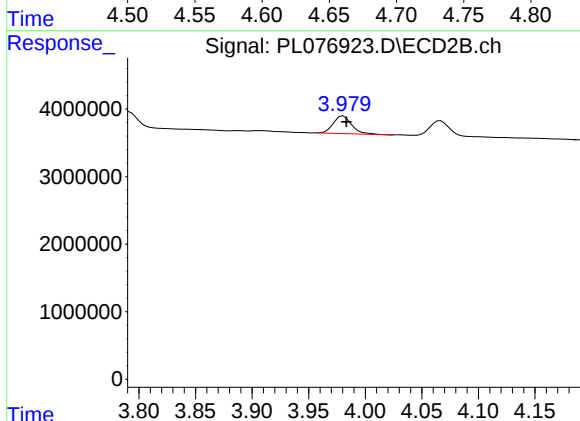
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: -0.001 min
Response: 620977
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

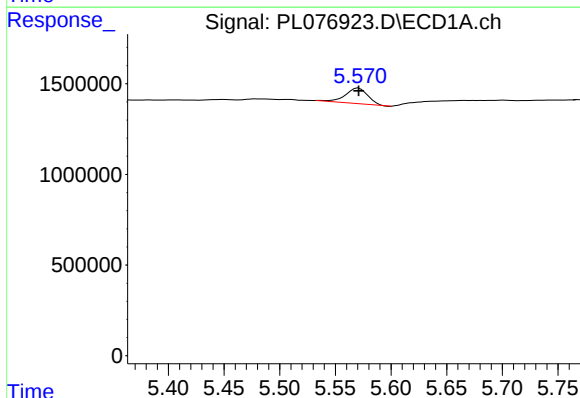
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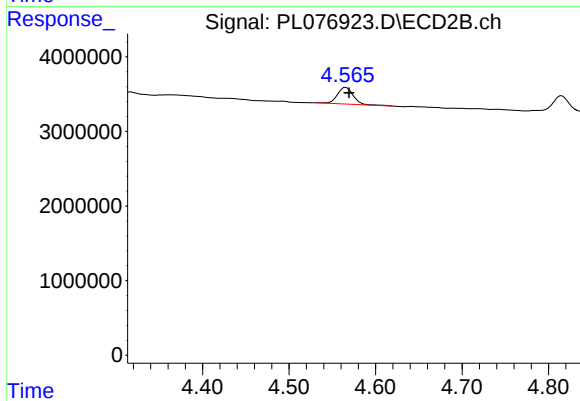
#7 delta-BHC

R.T.: 3.981 min
Delta R.T.: -0.003 min
Response: 2999367
Conc: 0.98 ng/ml



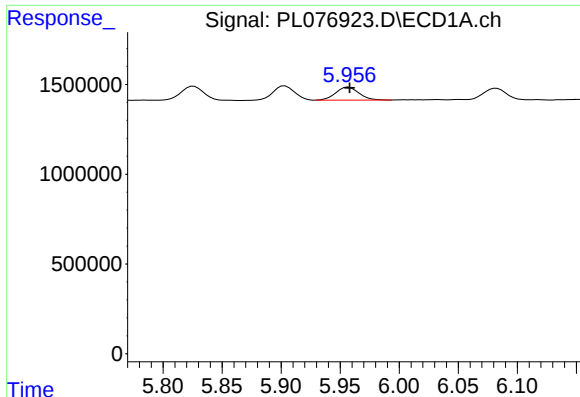
#8 Heptachlor epoxide

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 1162342
Conc: 1.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 2778723
Conc: 1.14 ng/ml



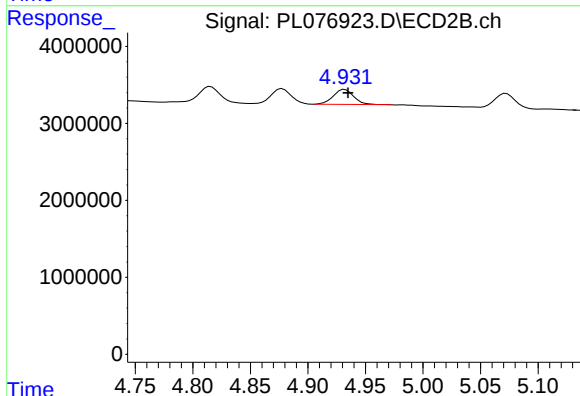
#9 Endosulfan I

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 999130
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

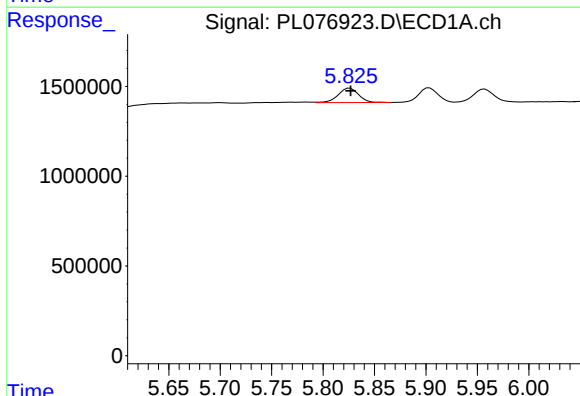
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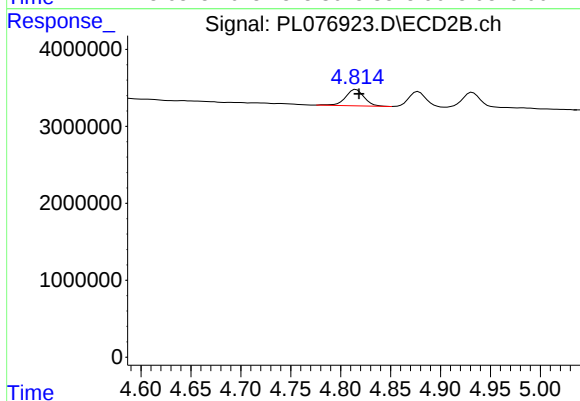
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.003 min
Response: 2316545
Conc: 1.09 ng/ml



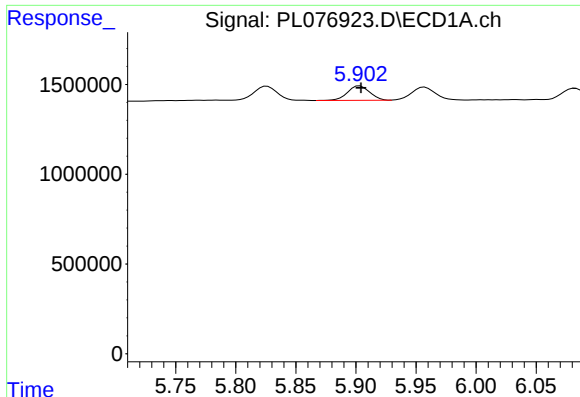
#10 gamma-Chlordane

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 1102488
Conc: 1.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 2773417
Conc: 1.13 ng/ml



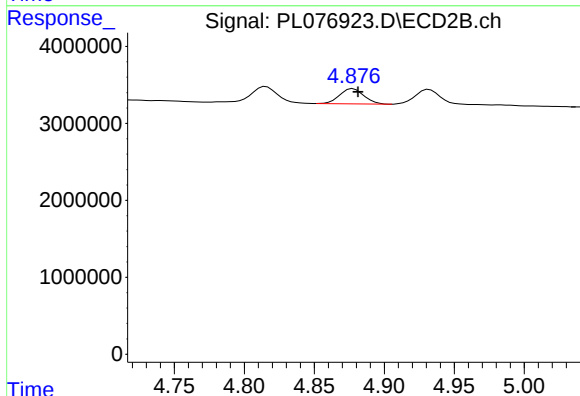
#11 alpha-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 1041334
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

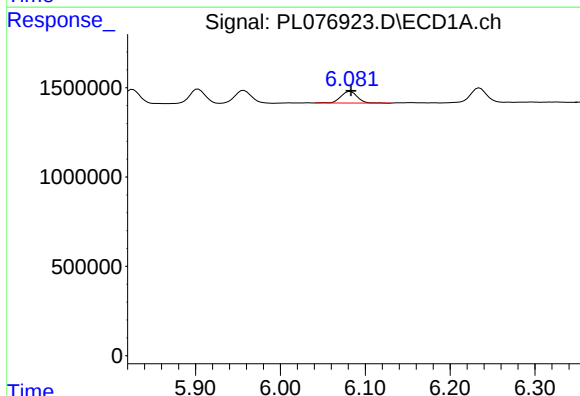
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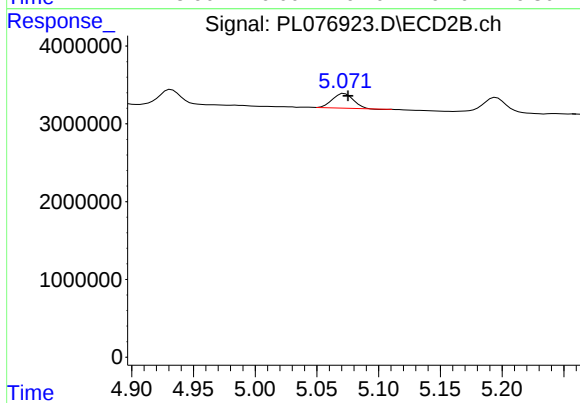
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: -0.004 min
Response: 2364240
Conc: 0.99 ng/ml



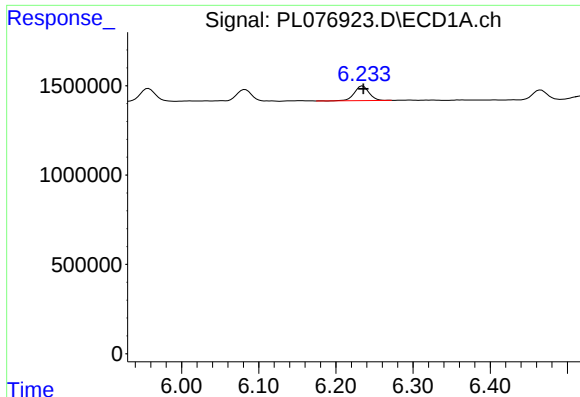
#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 894725
Conc: 0.95 ng/ml



#12 4,4'-DDE

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 2156828
Conc: 0.93 ng/ml



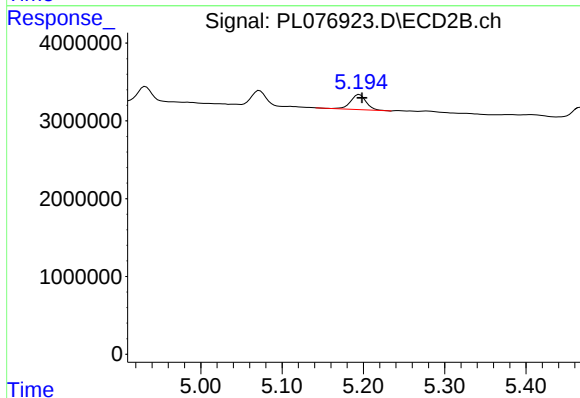
#13 Dieldrin

R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 1070244
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

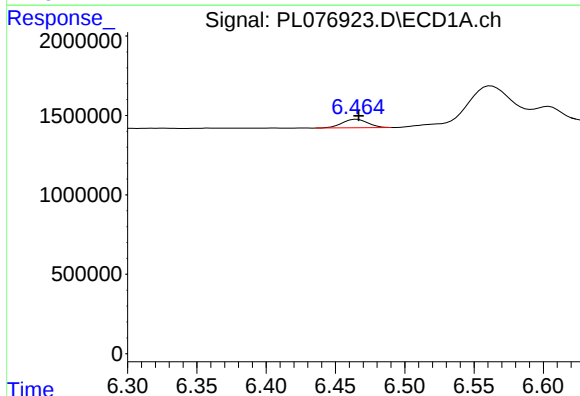
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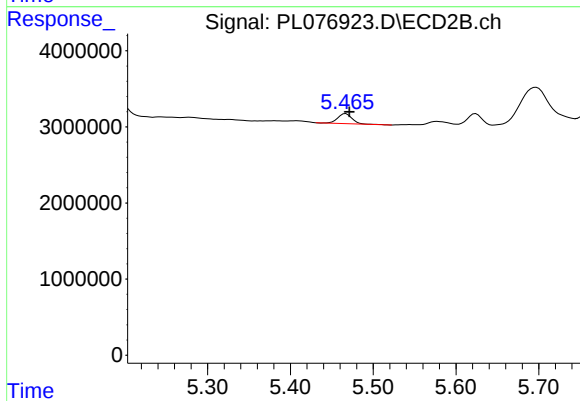
#13 Dieldrin

R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 2591383
Conc: 1.07 ng/ml



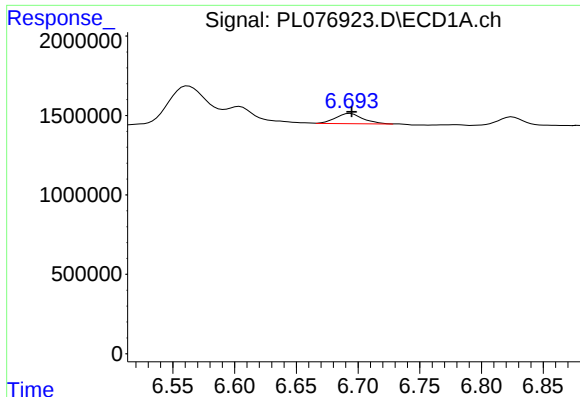
#14 Endrin

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 697625
Conc: 0.76 ng/ml m



#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.004 min
Response: 1592604
Conc: 0.74 ng/ml



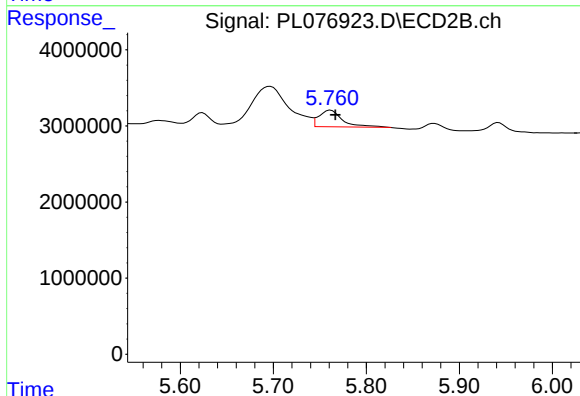
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 988663
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

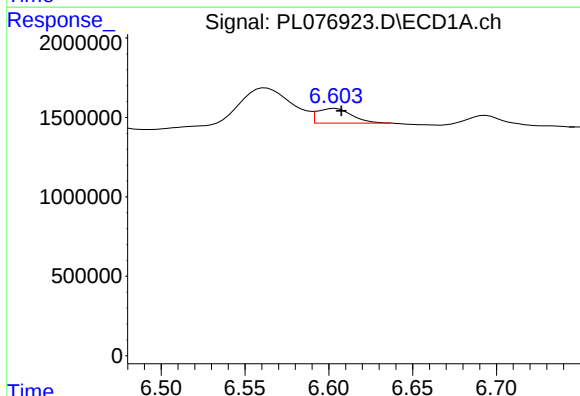
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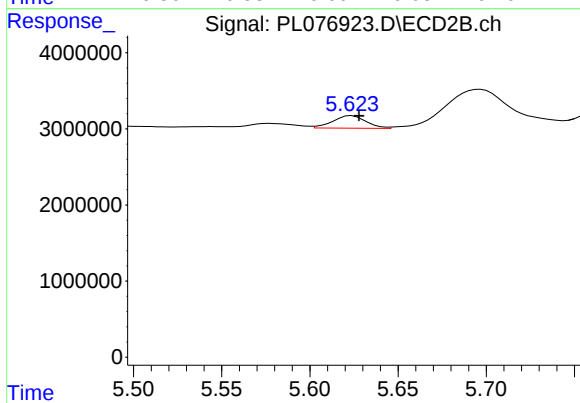
#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: -0.005 min
Response: 3785213
Conc: 1.71 ng/ml



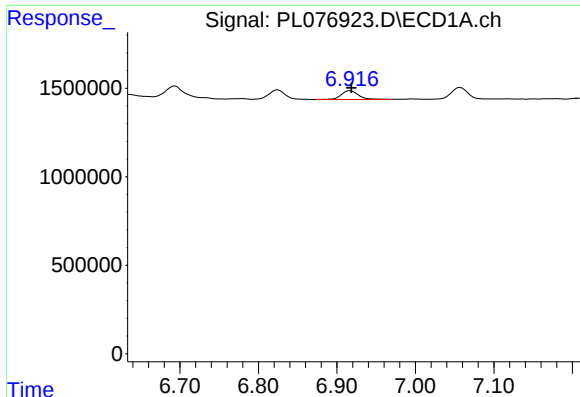
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: -0.005 min
Response: 1270875
Conc: 1.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 2148446
Conc: 1.15 ng/ml



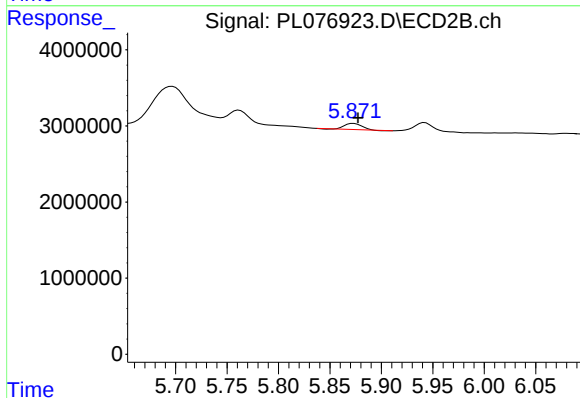
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: -0.001 min
Response: 747066
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

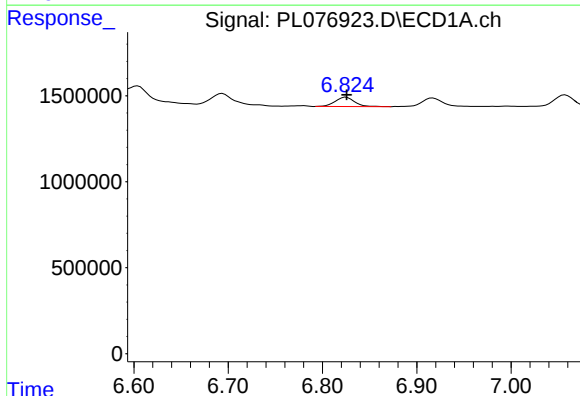
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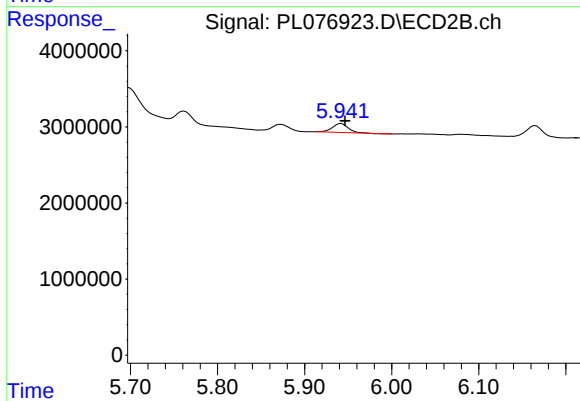
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.005 min
Response: 874275
Conc: 0.47 ng/ml



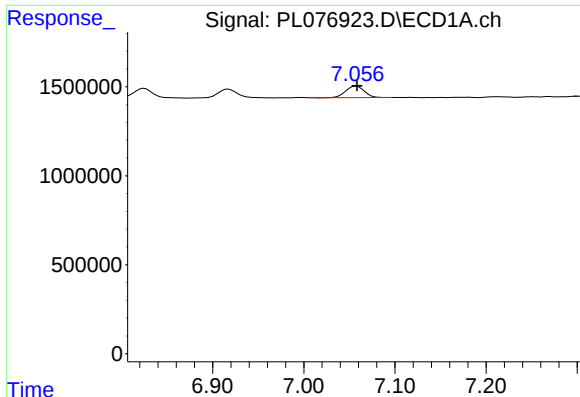
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 777185
Conc: 1.06 ng/ml



#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 1439526
Conc: 0.89 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 937876
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

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#19 Endosulfan Sulfate

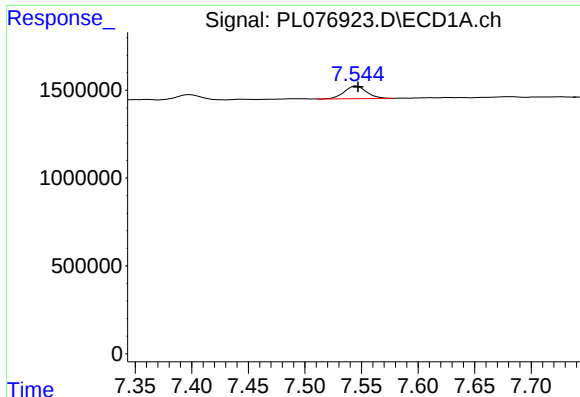
R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 1883645
Conc: 0.98 ng/ml

#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: -0.001 min
Response: 459248
Conc: 0.95 ng/ml

#20 Methoxychlor

R.T.: 6.451 min
Delta R.T.: -0.004 min
Response: 932288
Conc: 0.91 ng/ml



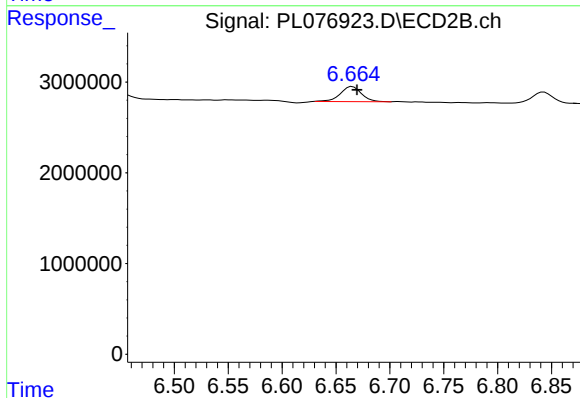
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.001 min
Response: 986614
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
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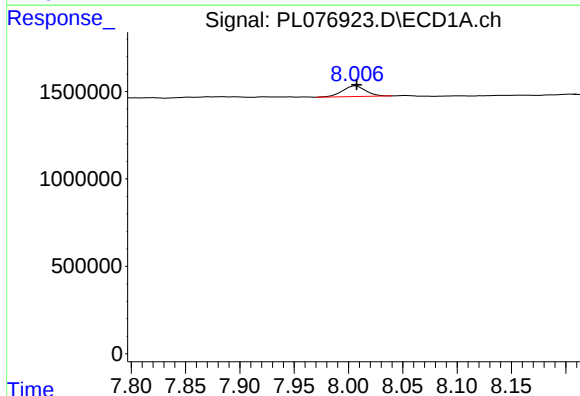
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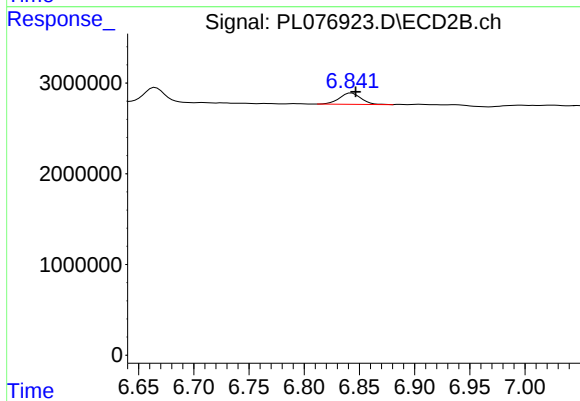
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: -0.004 min
Response: 2259225
Conc: 1.08 ng/ml



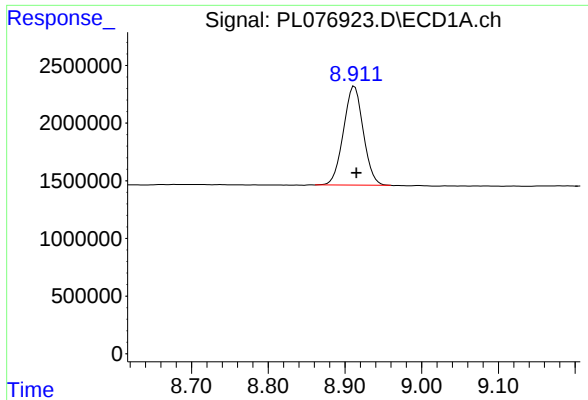
#22 Mirex

R.T.: 8.007 min
Delta R.T.: 0.000 min
Response: 896070
Conc: 1.21 ng/ml



#22 Mirex

R.T.: 6.843 min
Delta R.T.: -0.004 min
Response: 1686962
Conc: 1.05 ng/ml



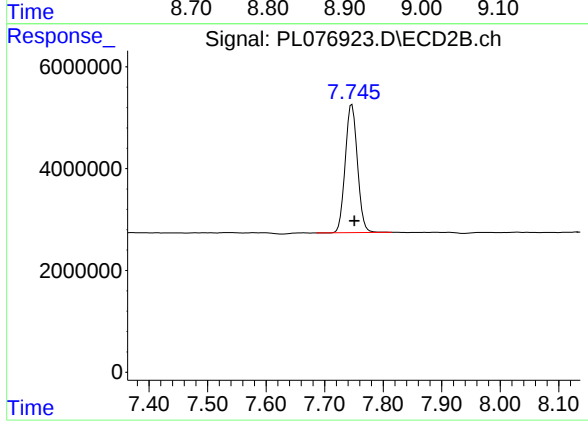
#28 Decachlorobiphenyl

R.T.: 8.912 min
Delta R.T.: -0.003 min
Response: 15474624
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT3-2022

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2022
Supervised By :Ankita Jodhani 08/08/2022



#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.004 min
Response: 36474503
Conc: 18.97 ng/ml