

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 11:16
 Operator : AR\AJ
 Sample : 03572-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:53:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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...	3.488	2.688	38500915	18316103	16.570	16.844
2)	SA Decachlor...	9.043	7.873	31113209	23308795	19.122	18.695
Target Compounds							
2)	A alpha-BHC	3.946	3.192	13597179	6098478	4.119	3.950
3)	MA gamma-BHC...	4.280	3.523	13763000	6290969	4.314	4.140
4)	MA Heptachlor	4.872	3.864	16343376	5908174	4.860m	4.149m
5)	MB Aldrin	5.215	4.145	15062874	6048862	4.557	4.162
6)	B beta-BHC	4.479	3.825	6818044	2951308	4.881	4.405m
7)	B delta-BHC	4.725	4.054	16804666	6089746	5.211m	4.011
8)	B Heptachlo...	5.646	4.652	16223996	5943156	5.385	4.479
9)	A Endosulfan I	6.032	5.023	12952476	5537026	4.921	4.468
10)	B gamma-Chl...	5.903	4.905	14064265	6046140	4.911	4.458
11)	B alpha-Chl...	5.983	4.969	13978310	6107165	4.951	4.482
12)	B 4,4'-DDE	6.162	5.168	10757542	5161373	4.687	4.191
13)	MA Dieldrin	6.308	5.290	12409223	5831923	4.696	4.295
14)	MA Endrin	6.536	5.565	10112658	5124168	4.637m	4.189
15)	B Endosulfa...	6.757	5.863	10969374	5874317	5.186m	4.869
16)	A 4,4'-DDD	6.680	5.726	8110139	4562797	4.837	4.416
17)	MA 4,4'-DDT	6.995	5.978	8476293	4677990	4.524	4.031
18)	B Endrin al...	6.889	6.045	9006567	4894635	5.339	4.935
19)	B Endosulfa...	7.125	6.270	10304003	5581733	5.158	4.694
20)	A Methoxychlor	7.477	6.563	4213928	2885113	4.391	4.205
21)	B Endrin ke...	7.608	6.775	10172410	7018784	5.085m	4.865
22)	Mirex	8.085	6.956	8769211	5850037	5.280	5.073

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
Data File : PL084601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 11:16
Operator : AR\AJ
Sample : 03572-02
Misc : PEST LOQ 5PPB
ALS Vial : 9 Sample Multiplier: 1

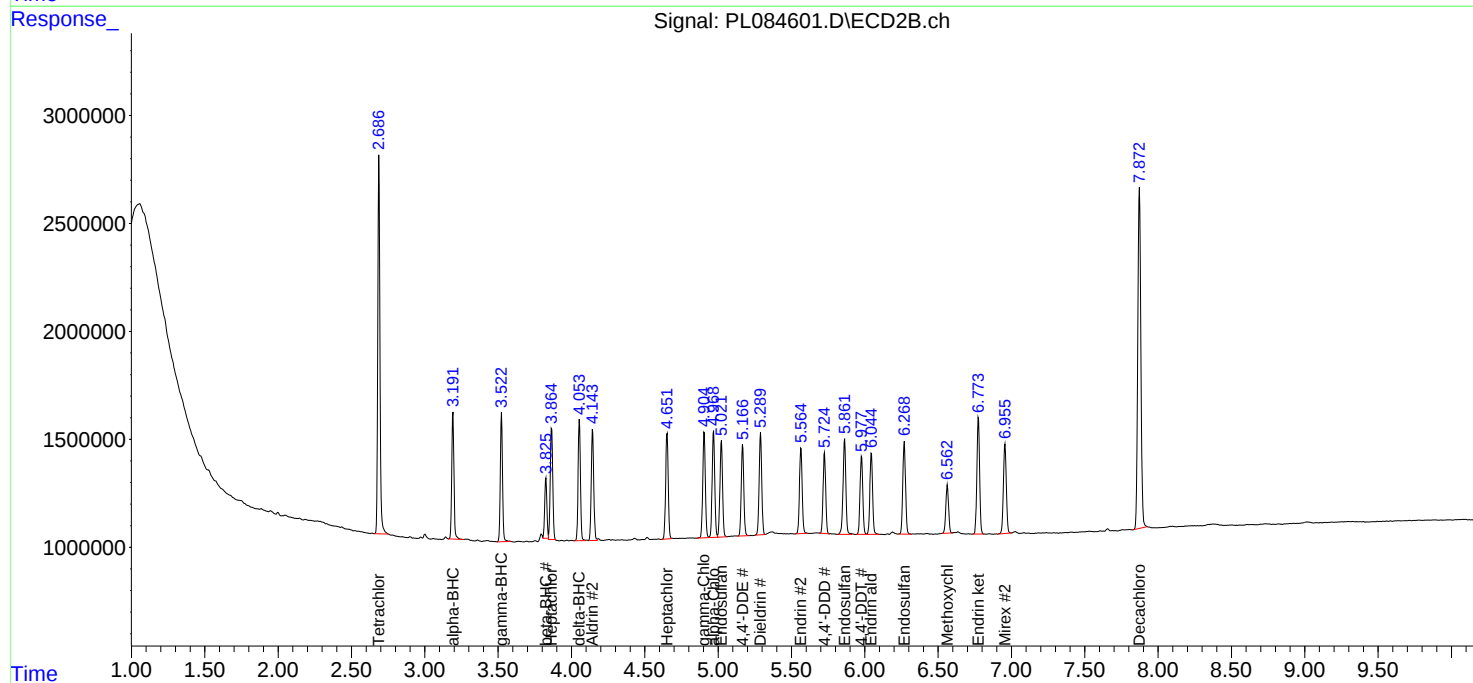
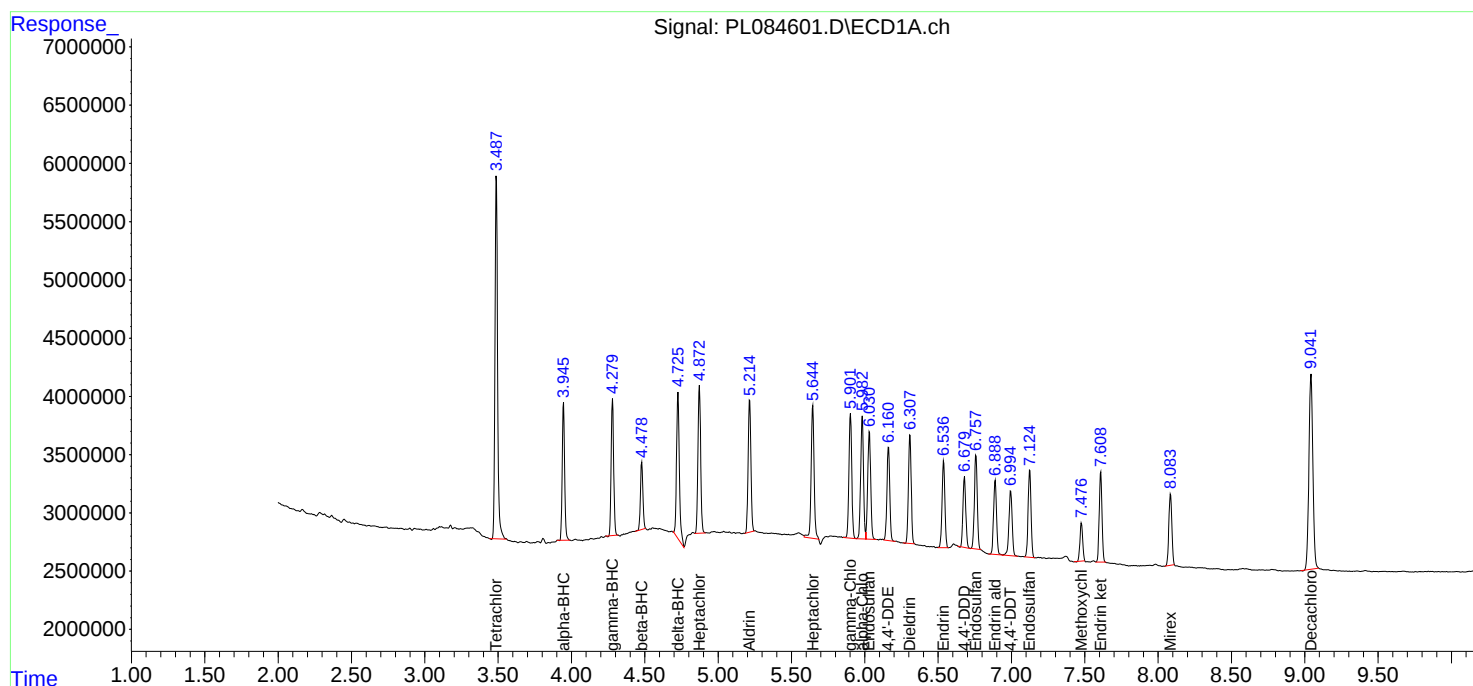
Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

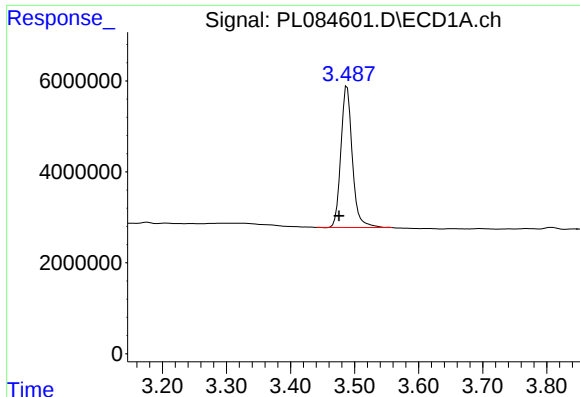
Manual Integrations
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Reviewed By : Abdul Mirza 08/11/2023
Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:53:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
Response via : Initial Calibration
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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





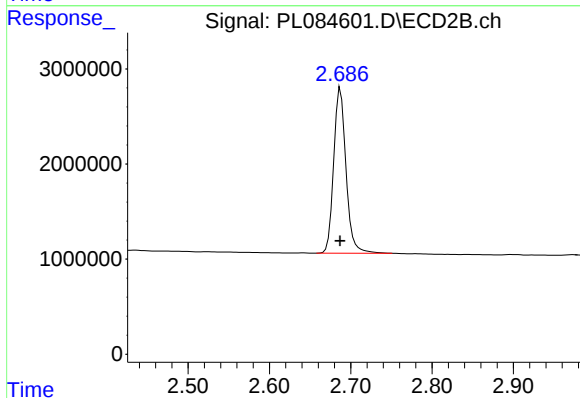
#1 Tetrachloro-m-xylene

R.T.: 3.488 min
Delta R.T.: 0.012 min
Response: 38500915
Conc: 16.57 ng/ml

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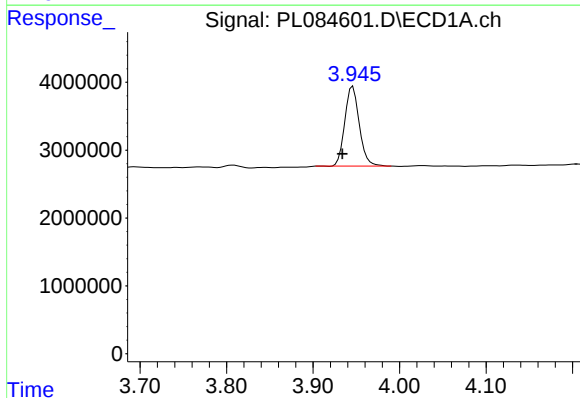
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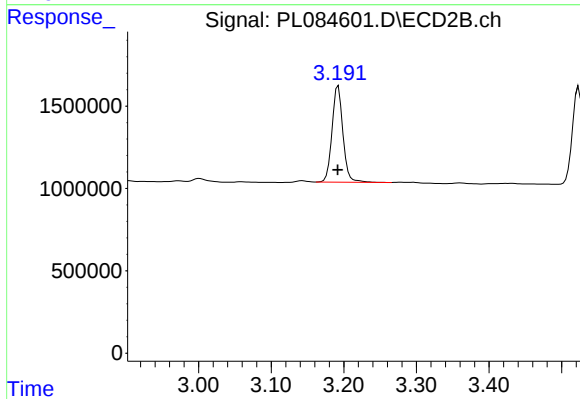
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 18316103
Conc: 16.84 ng/ml



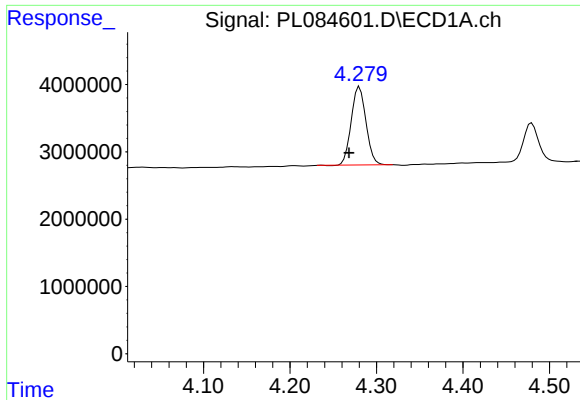
#2 alpha-BHC

R.T.: 3.946 min
Delta R.T.: 0.012 min
Response: 13597179
Conc: 4.12 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 6098478
Conc: 3.95 ng/ml



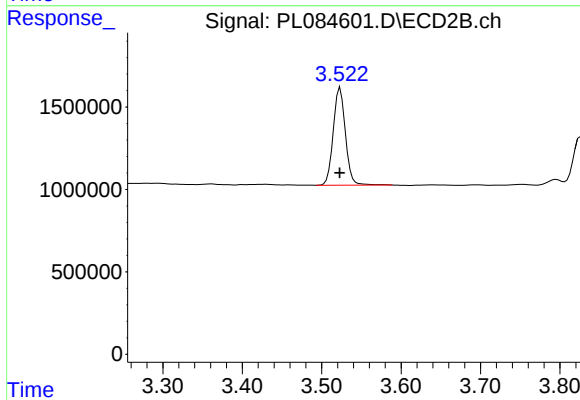
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: 0.012 min
Response: 13763000
Conc: 4.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
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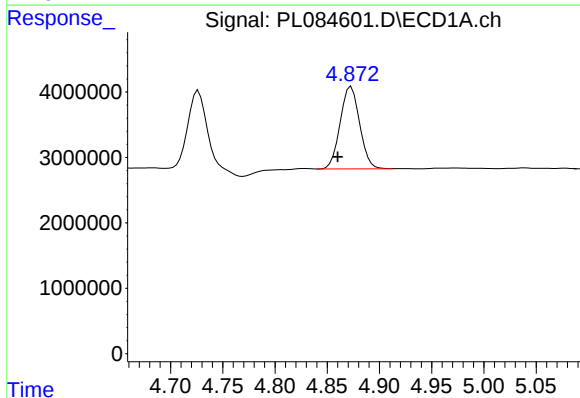
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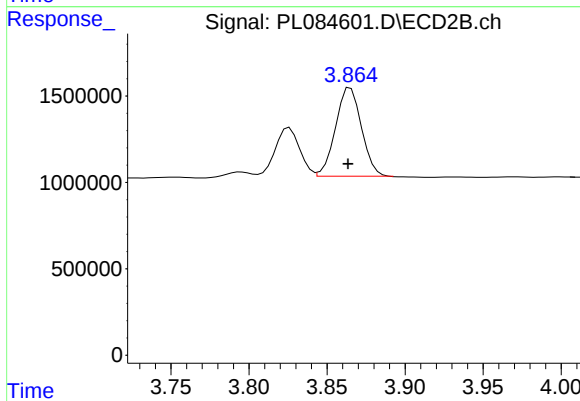
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 6290969
Conc: 4.14 ng/ml



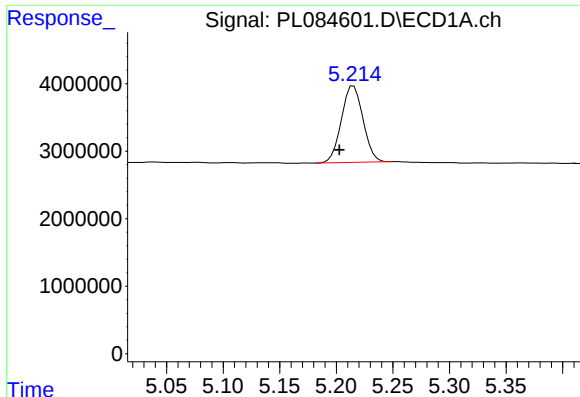
#4 Heptachlor

R.T.: 4.872 min
Delta R.T.: 0.011 min
Response: 16343376
Conc: 4.86 ng/ml m



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 5908174
Conc: 4.15 ng/ml m



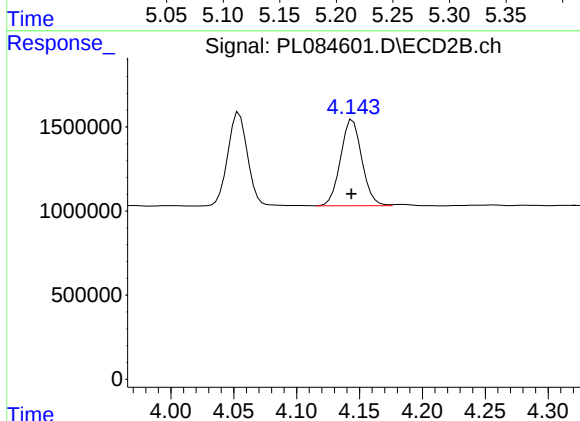
#5 Aldrin

R.T.: 5.215 min
Delta R.T.: 0.013 min
Response: 15062874
Conc: 4.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
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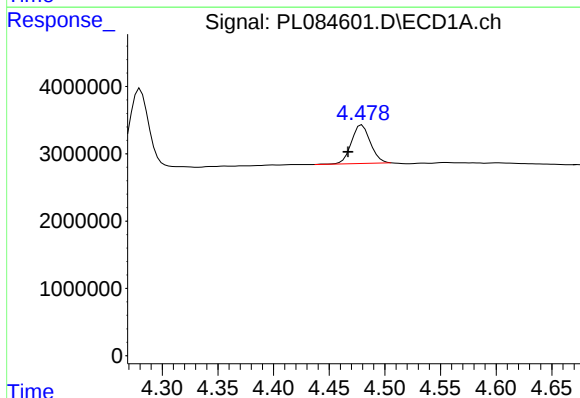
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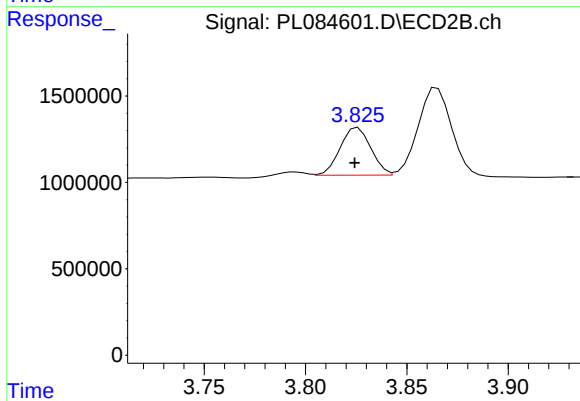
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.001 min
Response: 6048862
Conc: 4.16 ng/ml



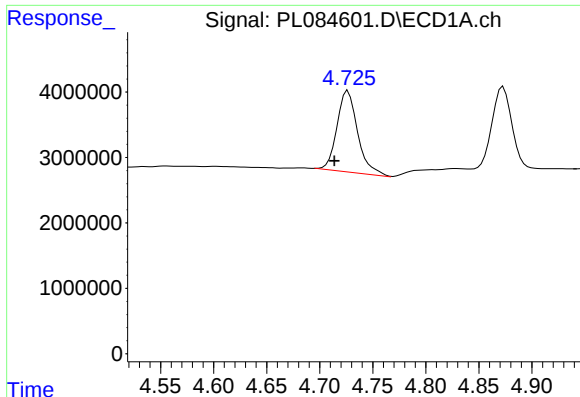
#6 beta-BHC

R.T.: 4.479 min
Delta R.T.: 0.013 min
Response: 6818044
Conc: 4.88 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 2951308
Conc: 4.40 ng/ml m



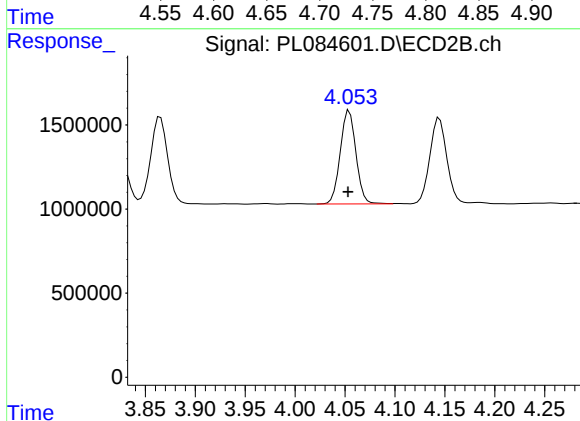
#7 delta-BHC

R.T.: 4.725 min
Delta R.T.: 0.011 min
Response: 16804666
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

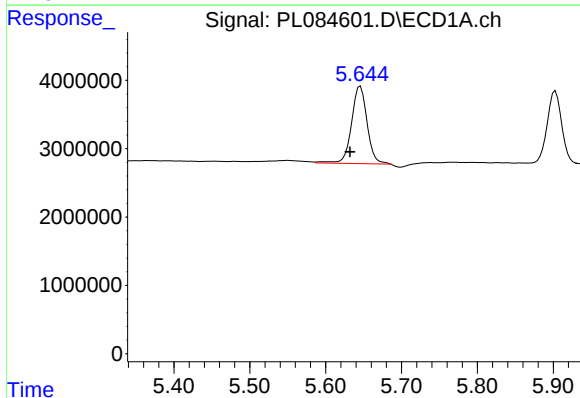
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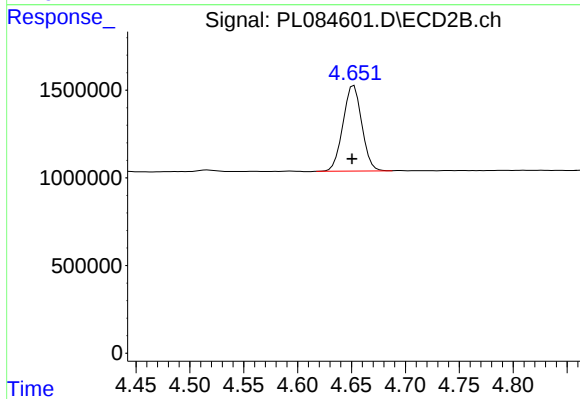
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.001 min
Response: 6089746
Conc: 4.01 ng/ml



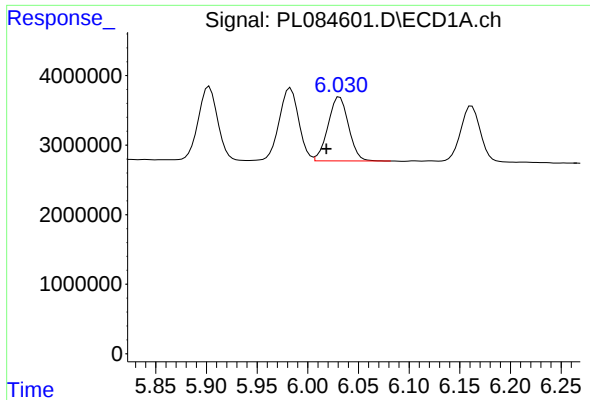
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: 0.014 min
Response: 16223996
Conc: 5.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 5943156
Conc: 4.48 ng/ml



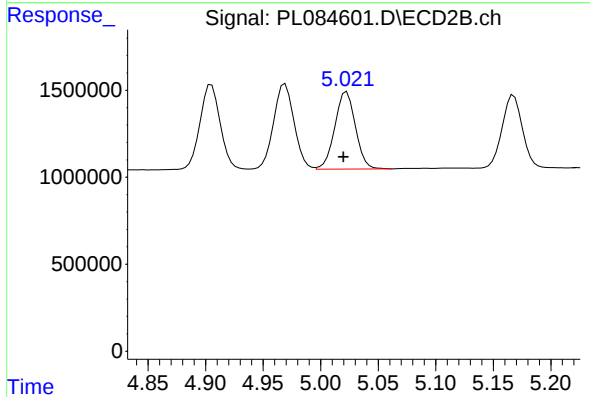
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: 0.013 min
Response: 12952476
Conc: 4.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

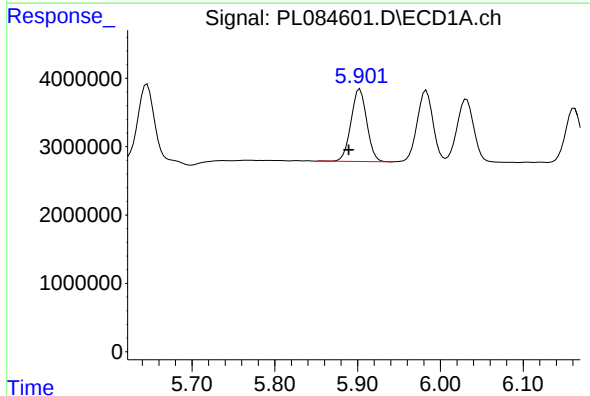
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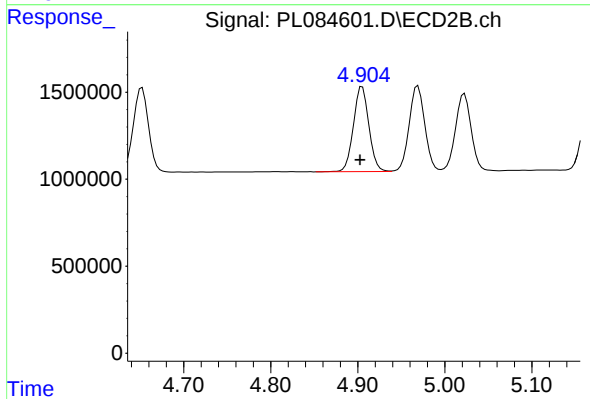
#9 Endosulfan I

R.T.: 5.023 min
Delta R.T.: 0.003 min
Response: 5537026
Conc: 4.47 ng/ml



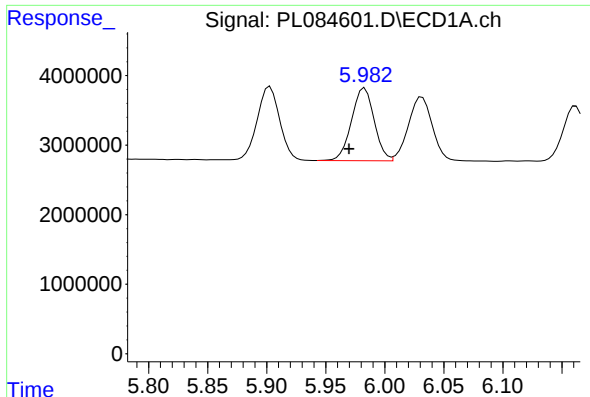
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.014 min
Response: 14064265
Conc: 4.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.003 min
Response: 6046140
Conc: 4.46 ng/ml



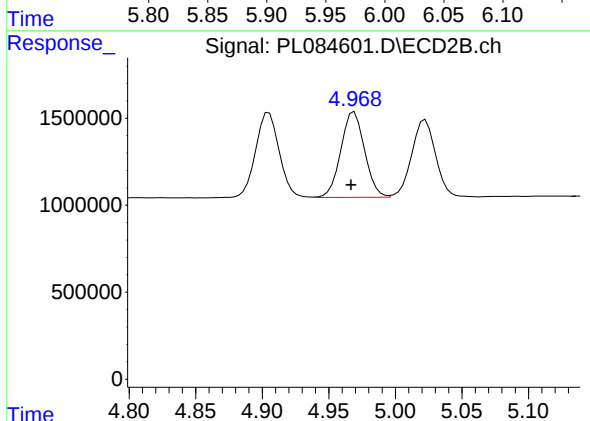
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.013 min
Response: 13978310
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

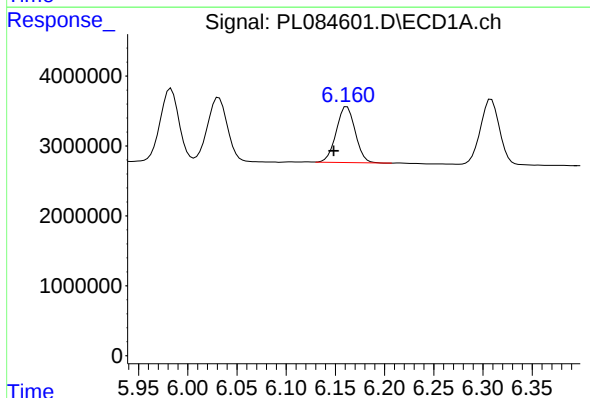
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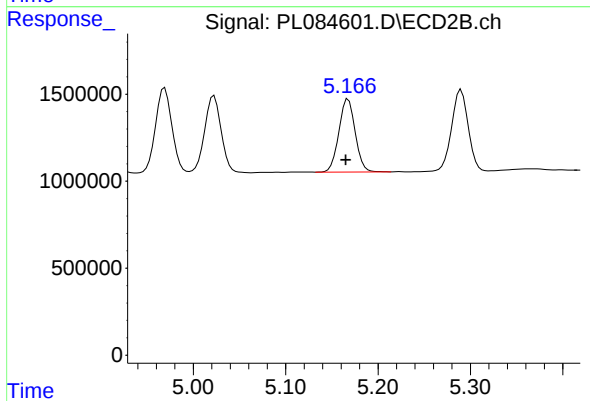
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.002 min
Response: 6107165
Conc: 4.48 ng/ml



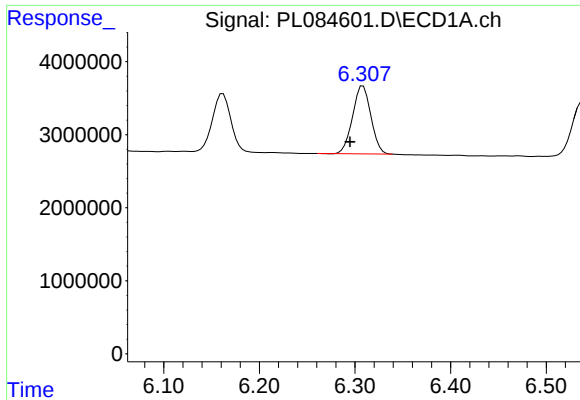
#12 4,4'-DDE

R.T.: 6.162 min
Delta R.T.: 0.013 min
Response: 10757542
Conc: 4.69 ng/ml



#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.003 min
Response: 5161373
Conc: 4.19 ng/ml



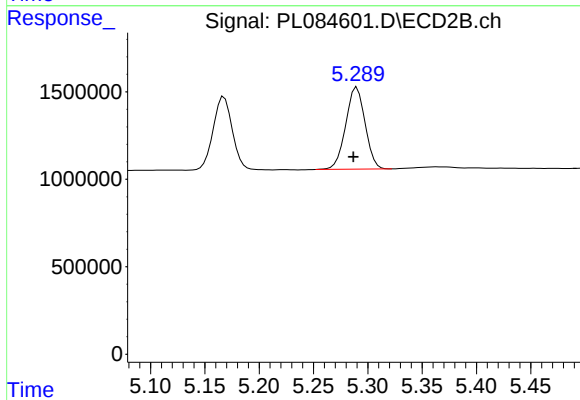
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: 0.014 min
Response: 12409223
Conc: 4.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

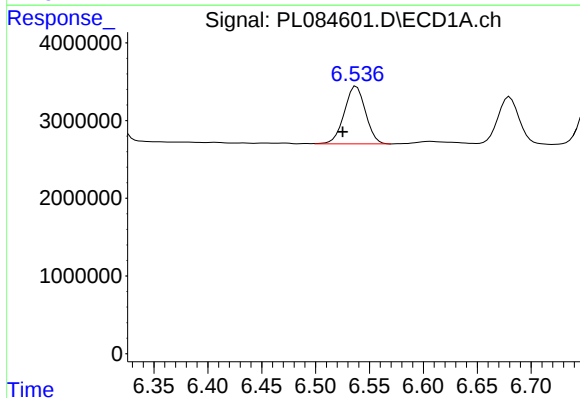
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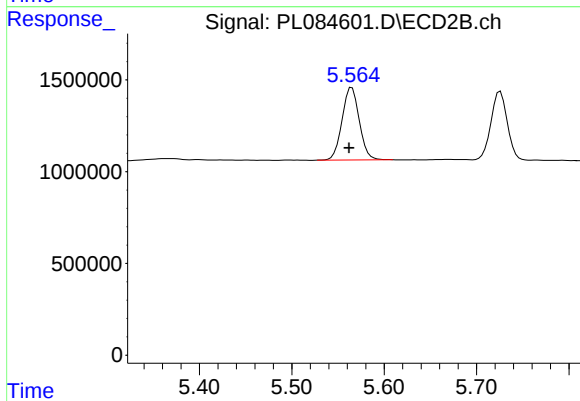
#13 Dieldrin

R.T.: 5.290 min
Delta R.T.: 0.003 min
Response: 5831923
Conc: 4.30 ng/ml



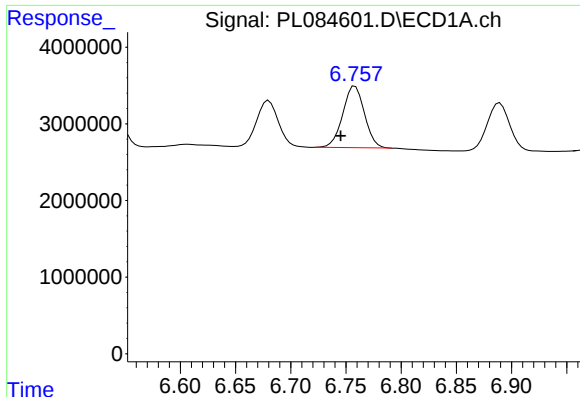
#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.011 min
Response: 10112658
Conc: 4.64 ng/ml m



#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.003 min
Response: 5124168
Conc: 4.19 ng/ml



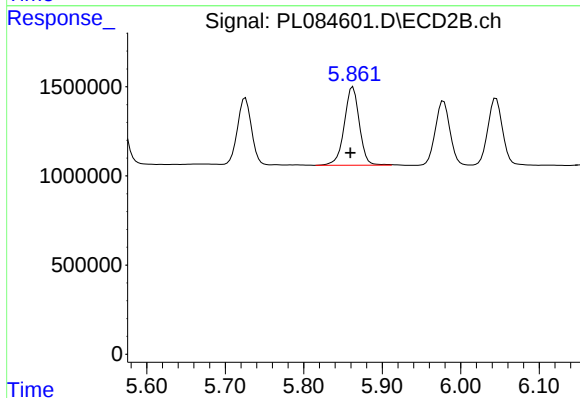
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.012 min
Response: 10969374
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

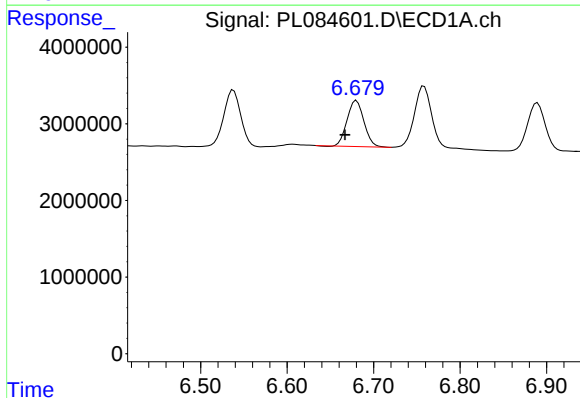
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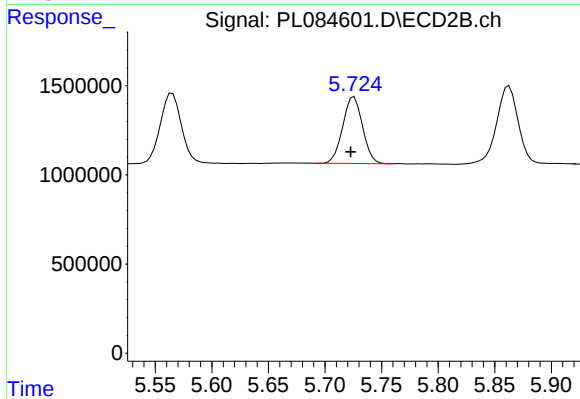
#15 Endosulfan II

R.T.: 5.863 min
Delta R.T.: 0.003 min
Response: 5874317
Conc: 4.87 ng/ml



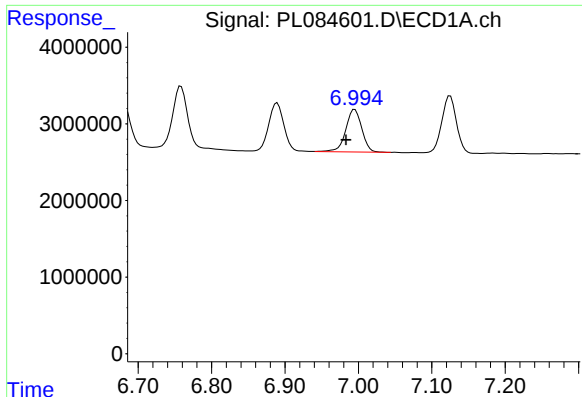
#16 4,4'-DDD

R.T.: 6.680 min
Delta R.T.: 0.013 min
Response: 8110139
Conc: 4.84 ng/ml



#16 4,4'-DDD

R.T.: 5.726 min
Delta R.T.: 0.003 min
Response: 4562797
Conc: 4.42 ng/ml



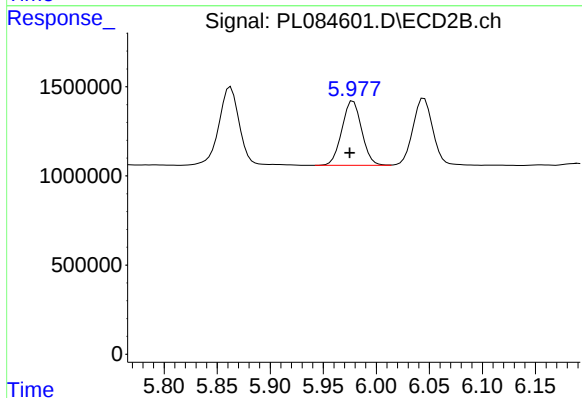
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.012 min
Response: 8476293
Conc: 4.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

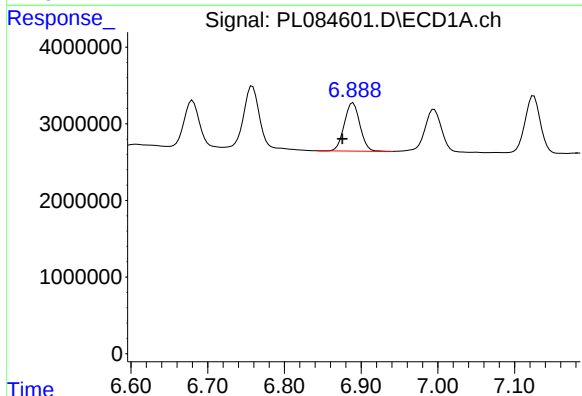
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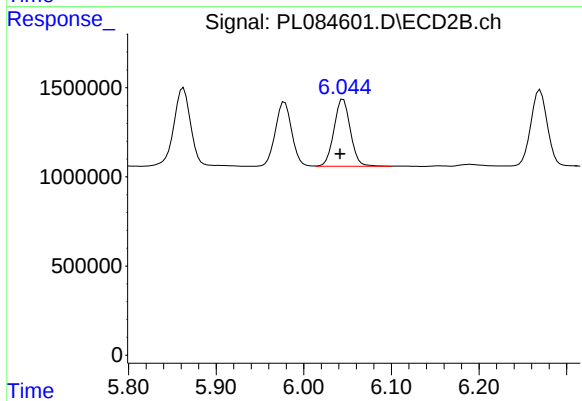
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.003 min
Response: 4677990
Conc: 4.03 ng/ml



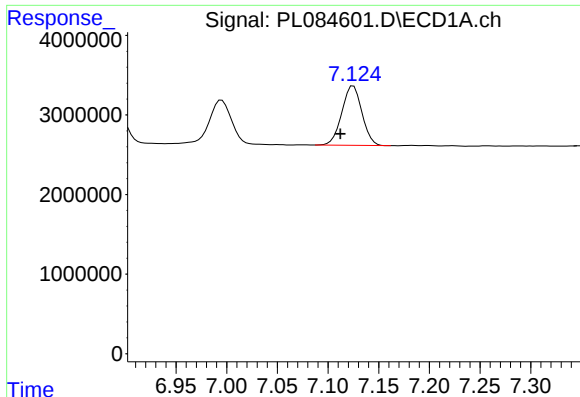
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.014 min
Response: 9006567
Conc: 5.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.045 min
Delta R.T.: 0.004 min
Response: 4894635
Conc: 4.94 ng/ml



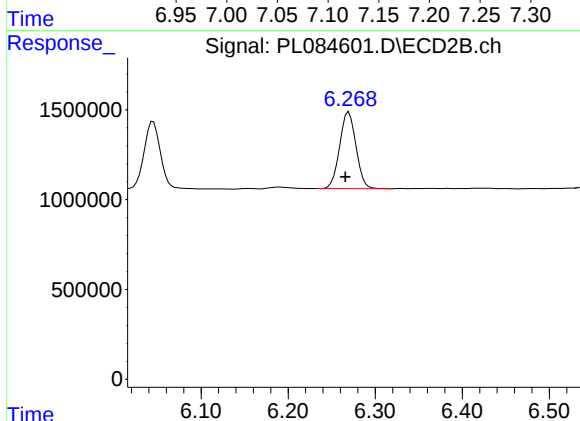
#19 Endosulfan Sulfate

R.T.: 7.125 min
Delta R.T.: 0.013 min
Response: 10304003
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

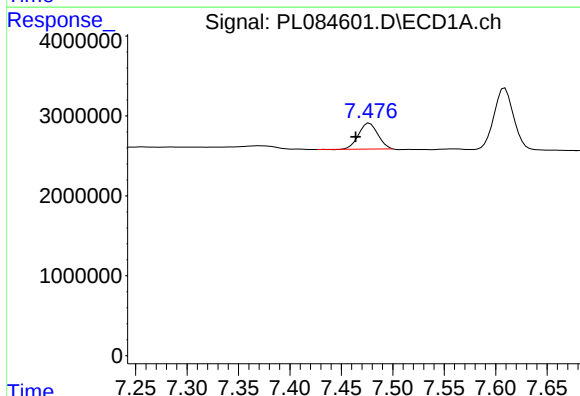
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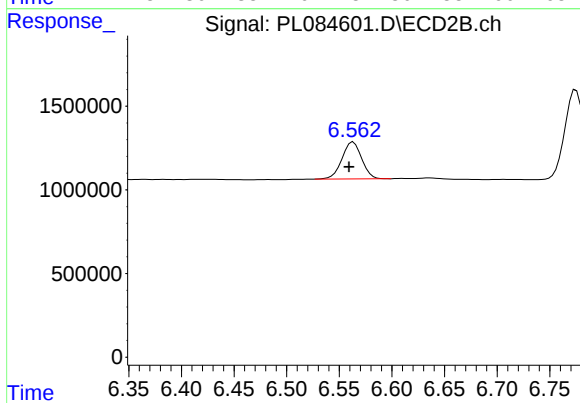
#19 Endosulfan Sulfate

R.T.: 6.270 min
Delta R.T.: 0.004 min
Response: 5581733
Conc: 4.69 ng/ml



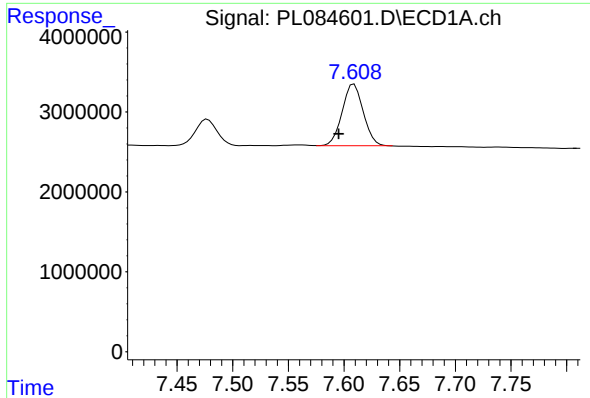
#20 Methoxychlor

R.T.: 7.477 min
Delta R.T.: 0.013 min
Response: 4213928
Conc: 4.39 ng/ml



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: 0.004 min
Response: 2885113
Conc: 4.21 ng/ml



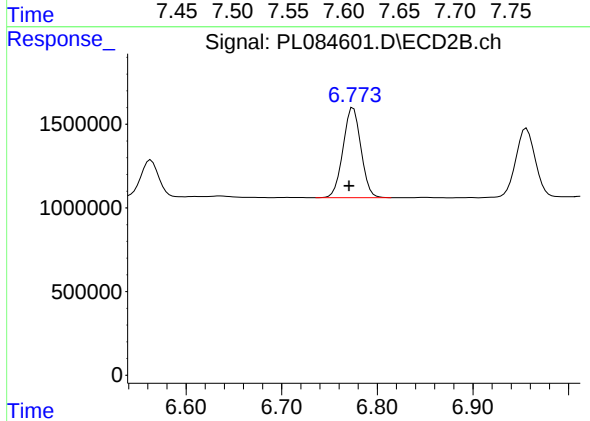
#21 Endrin ketone

R.T.: 7.608 min
Delta R.T.: 0.012 min
Response: 10172410
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT3-2023

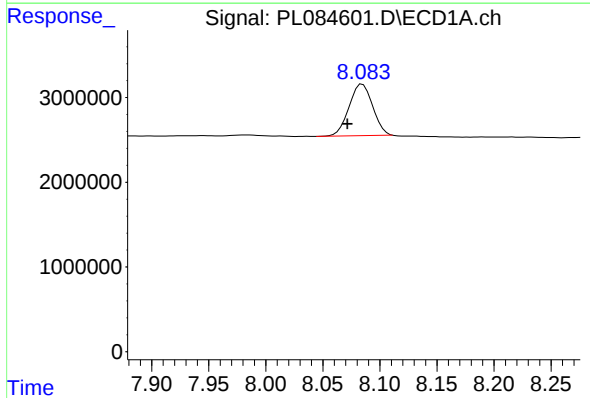
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



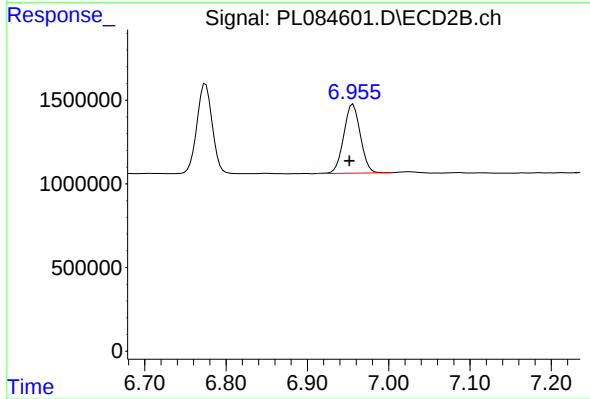
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: 0.004 min
Response: 7018784
Conc: 4.86 ng/ml



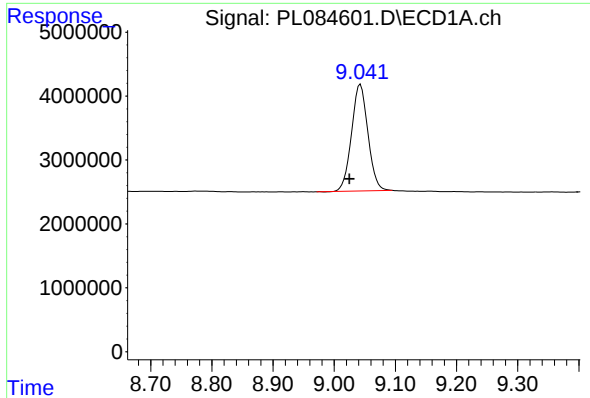
#22 Mirex

R.T.: 8.085 min
Delta R.T.: 0.013 min
Response: 8769211
Conc: 5.28 ng/ml



#22 Mirex

R.T.: 6.956 min
Delta R.T.: 0.004 min
Response: 5850037
Conc: 5.07 ng/ml



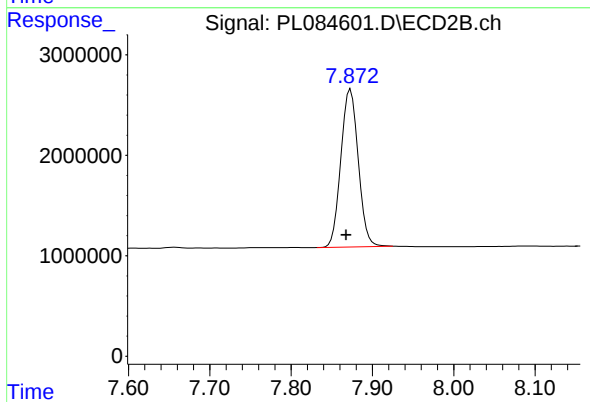
#28 Decachlorobiphenyl

R.T.: 9.043 min
Delta R.T.: 0.018 min
Response: 31113209
Conc: 19.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.873 min
Delta R.T.: 0.006 min
Response: 23308795
Conc: 18.69 ng/ml