

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031621\
 Data File : PL065353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 22:05
 Operator : AR\AJ
 Sample : M1458-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 13:08:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031621.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 06 13:08:25 2021
 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...	3.293	3.883	45395611	54271347	18.669	18.799
28)	SA Decachlor...	7.936	8.890	47798238	39513821	19.467	19.424
Target Compounds							
2)	A alpha-BHC	3.717	4.274	18592812	21580908	4.822	4.975
3)	MA gamma-BHC...	3.990	4.557	16296371	20043813	4.642	5.065
4)	MA Heptachlor	4.276	5.051	15540367	20248657	4.538	5.408
5)	MB Aldrin	4.513	5.352	15640476	18793305	4.769	5.244
6)	B beta-BHC	4.239	4.738	7294794	12859895	4.974m	6.458m#
7)	B delta-BHC	4.434	4.951	16255837	18940823	4.732	5.227
8)	B Heptachlo...	4.947	5.741	15973207	18592453	5.121	5.833
9)	A Endosulfan I	5.275	6.096	14683347	15906486	5.137	5.327
10)	B gamma-Chl...	5.168	5.974	16315249	17008786	5.270	5.337
11)	B alpha-Chl...	5.224	6.045	15826258	16734665	5.209	5.378
12)	B 4,4'-DDE	5.391	6.207	13080679	15541801	4.887	5.214
13)	MA Dieldrin	5.512	6.354	14154067	16605999	4.860	5.304
14)	MA Endrin	5.763	6.570	12857755	12477697	4.887	4.764
15)	B Endosulfa...	6.034	6.787	13993547	13380286	5.513	5.383
16)	A 4,4'-DDD	5.897	6.700	11726342	14442466	5.269	5.720
17)	MA 4,4'-DDT	6.131	6.995	7434485	10217907	3.861	4.585
18)	B Endrin al...	6.201	6.912	10765957	10642157	5.359	5.402
19)	B Endosulfa...	6.412	7.135	14019323	13943504	5.288	5.551
20)	A Methoxychlor	6.677	7.459	5132968	5494122	4.598	4.890
21)	B Endrin ke...	6.890	7.604	14537118	15164948	5.112	5.570
22)	Mirex	7.063	8.043	12261954	9733690	5.614	5.388

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

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 Data File : PL065353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 22:05
 Operator : AR\AJ
 Sample : M1458-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 27 Sample Multiplier: 1

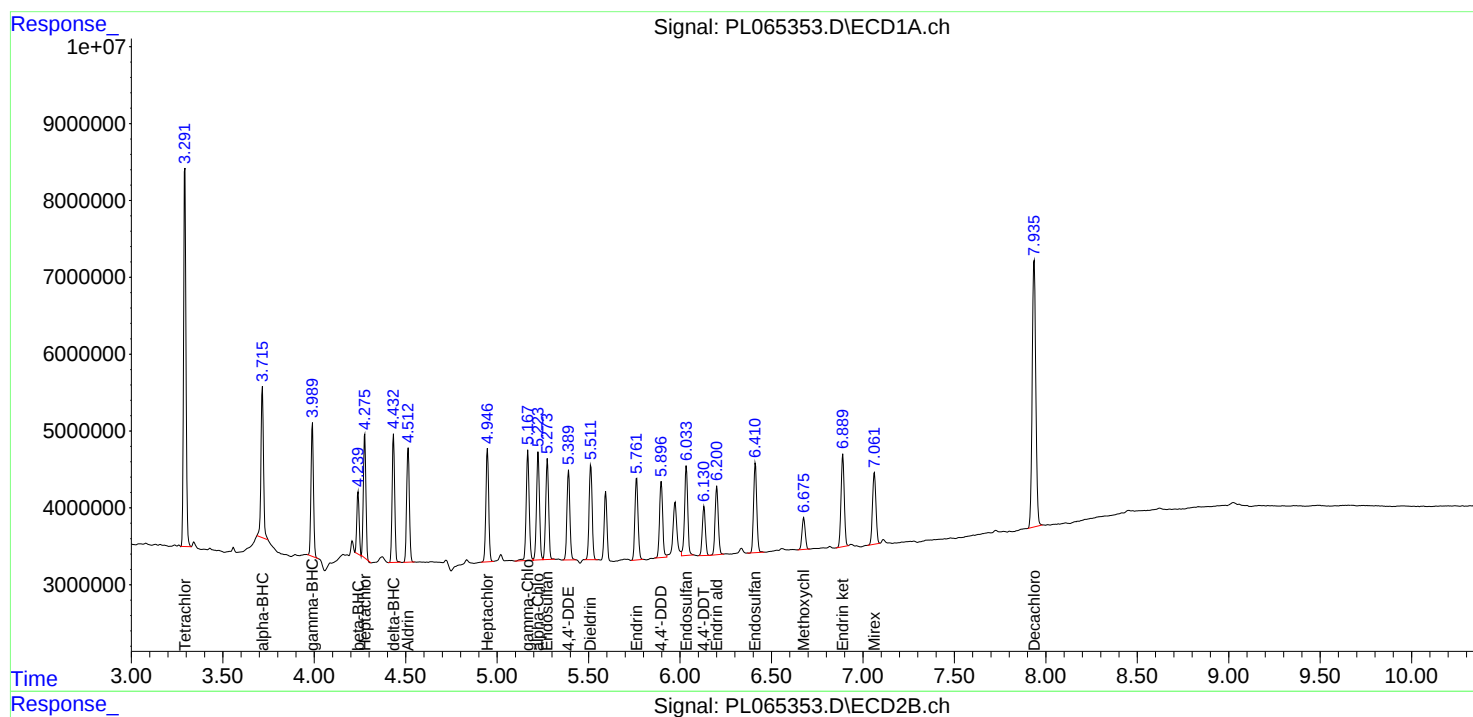
Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

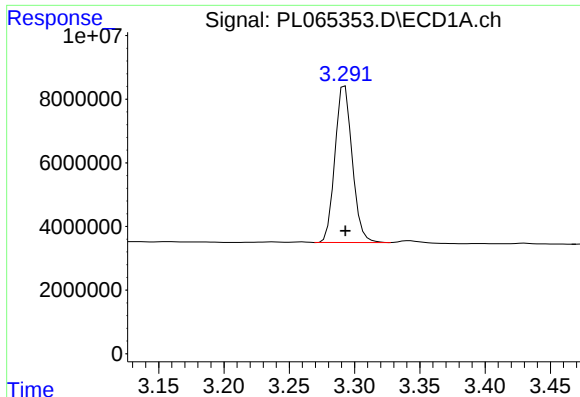
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Integration File signal 1: autoint1.e
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 Quant Time: Jul 06 13:08:27 2021
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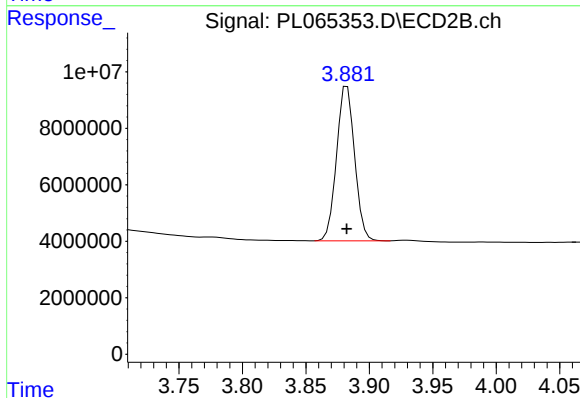
#1 Tetrachloro-m-xylene

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 45395611
Conc: 18.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

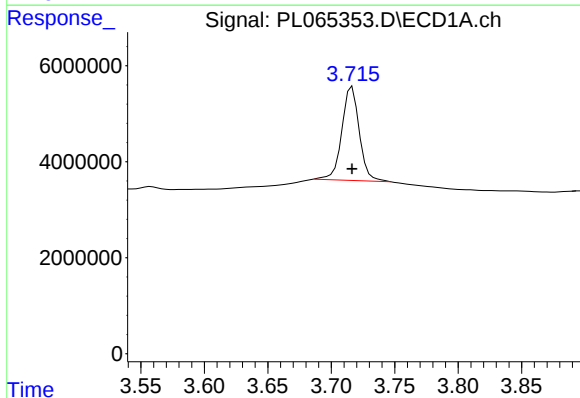
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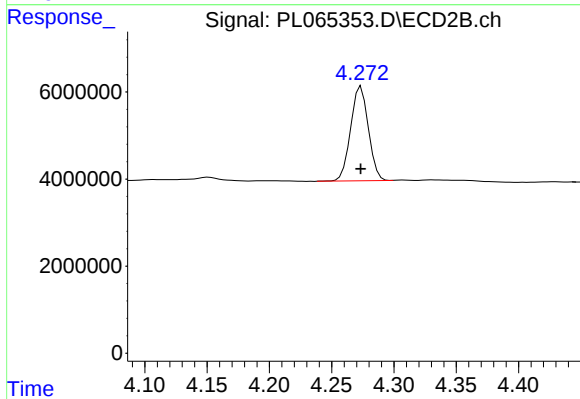
#1 Tetrachloro-m-xylene

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 54271347
Conc: 18.80 ng/ml



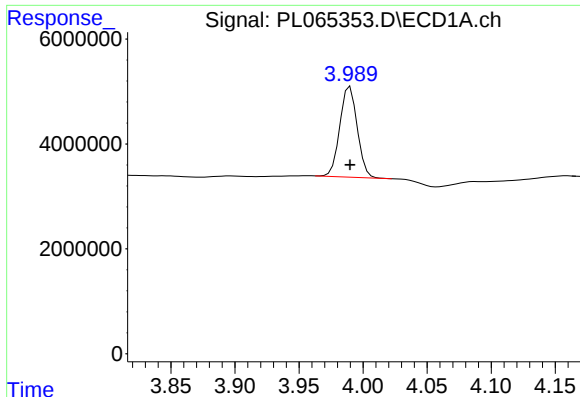
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 18592812
Conc: 4.82 ng/ml



#2 alpha-BHC

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 21580908
Conc: 4.98 ng/ml



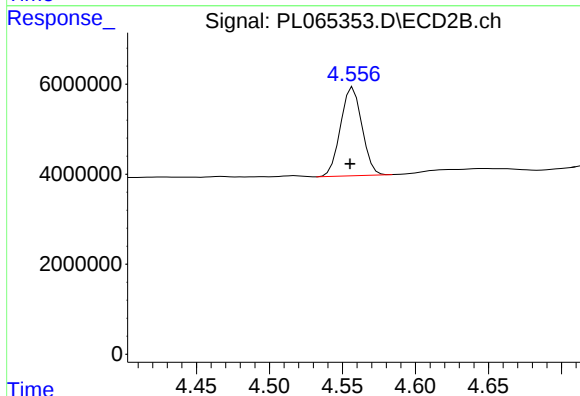
#3 gamma-BHC (Lindane)

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 16296371
Conc: 4.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

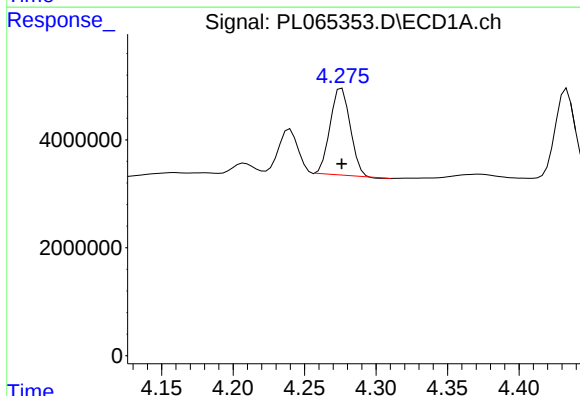
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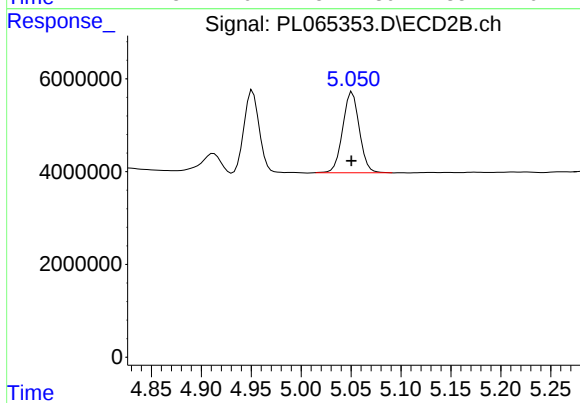
#3 gamma-BHC (Lindane)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 20043813
Conc: 5.07 ng/ml



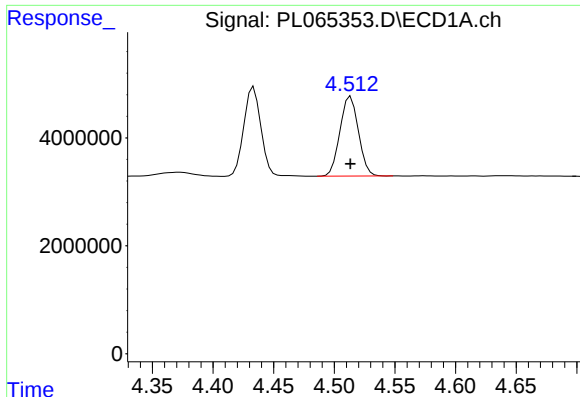
#4 Heptachlor

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 15540367
Conc: 4.54 ng/ml



#4 Heptachlor

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 20248657
Conc: 5.41 ng/ml



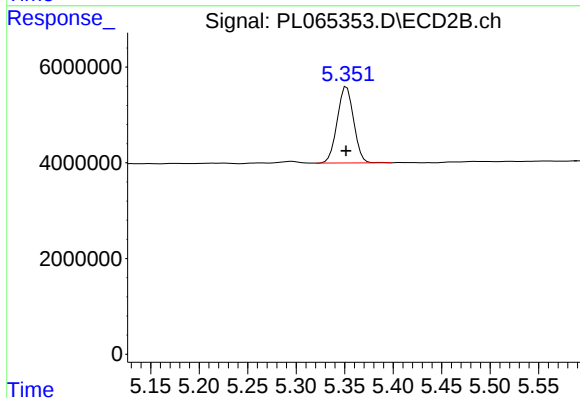
#5 Aldrin

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 15640476
Conc: 4.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

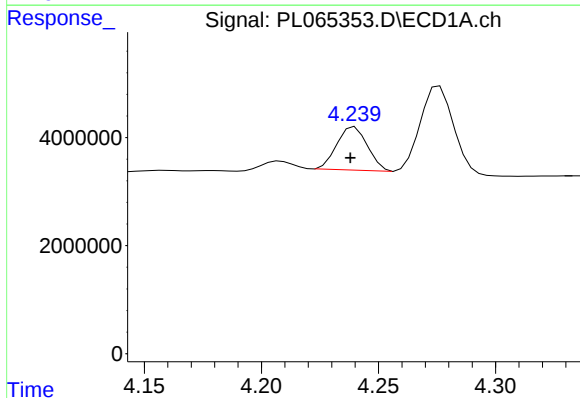
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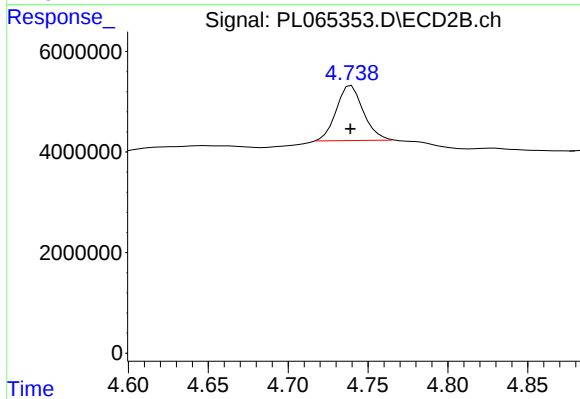
#5 Aldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 18793305
Conc: 5.24 ng/ml



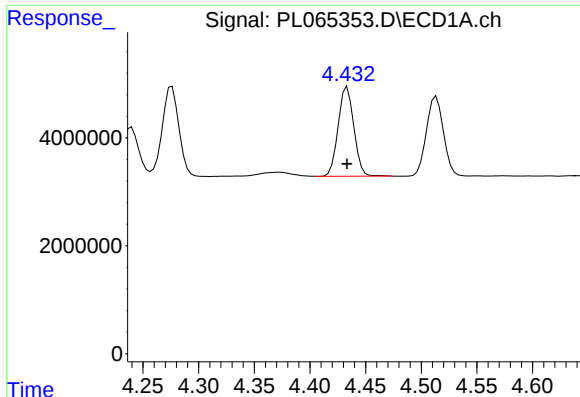
#6 beta-BHC

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 7294794
Conc: 4.97 ng/ml m



#6 beta-BHC

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 12859895
Conc: 6.46 ng/ml m



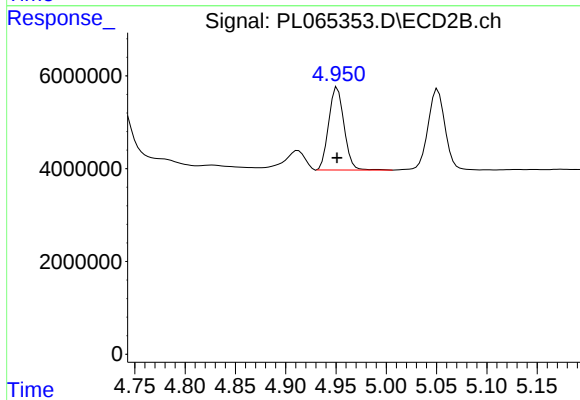
#7 delta-BHC

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 16255837
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

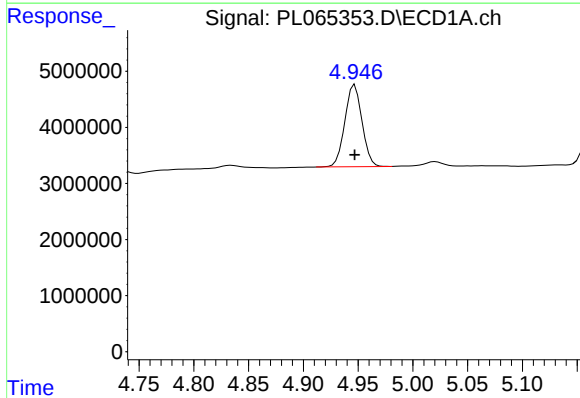
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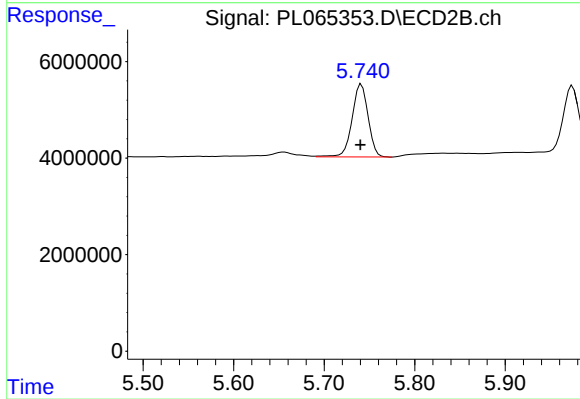
#7 delta-BHC

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 18940823
Conc: 5.23 ng/ml



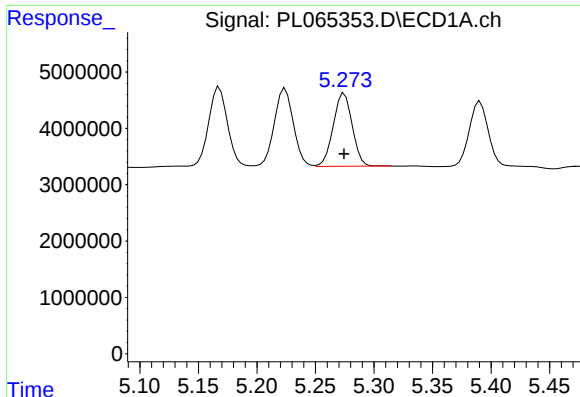
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 15973207
Conc: 5.12 ng/ml



#8 Heptachlor epoxide

R.T.: 5.741 min
Delta R.T.: 0.001 min
Response: 18592453
Conc: 5.83 ng/ml



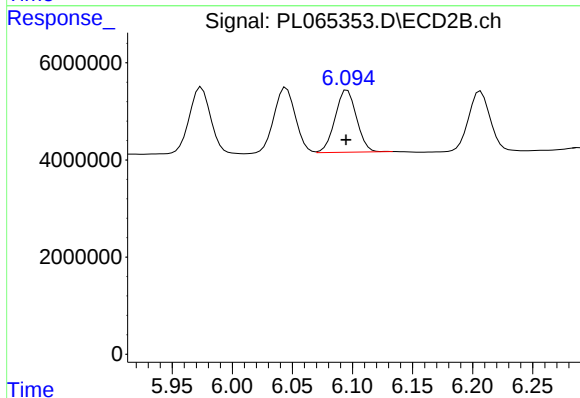
#9 Endosulfan I

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 14683347
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

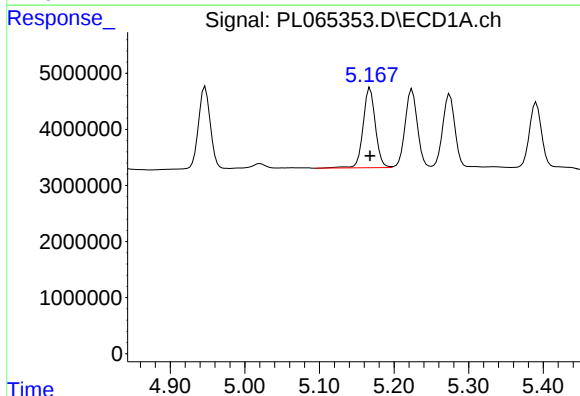
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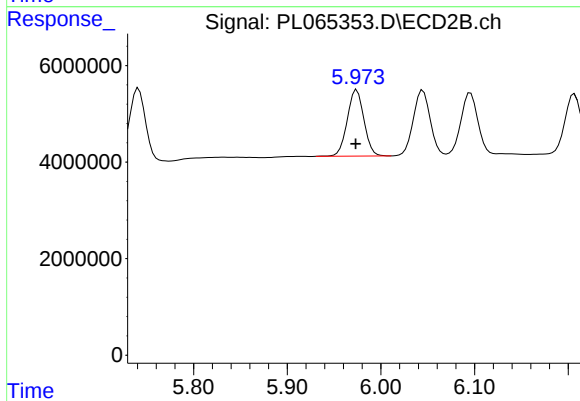
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.001 min
Response: 15906486
Conc: 5.33 ng/ml



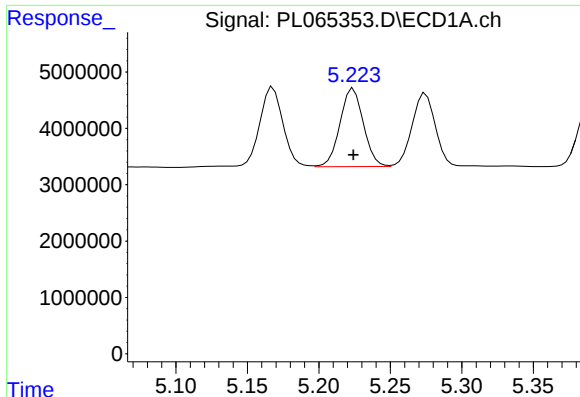
#10 gamma-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 16315249
Conc: 5.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.001 min
Response: 17008786
Conc: 5.34 ng/ml



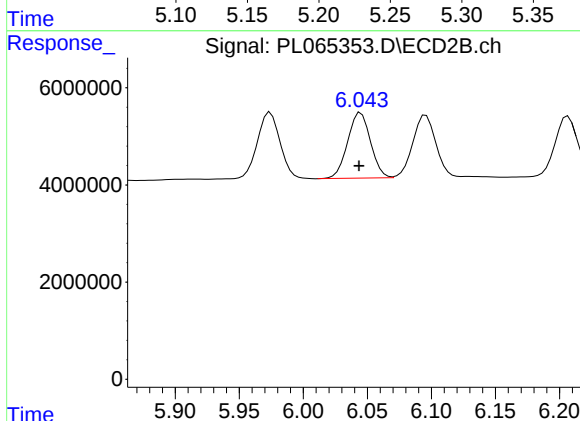
#11 alpha-Chlordane

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 15826258
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

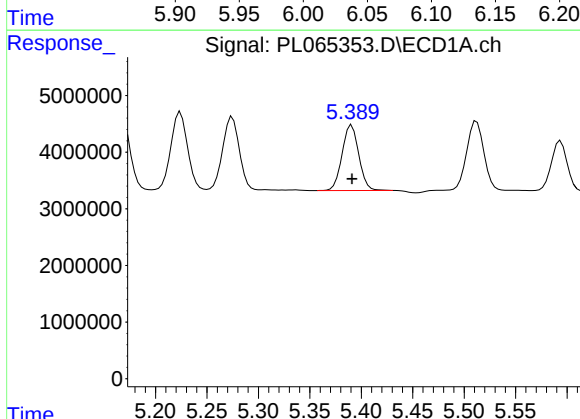
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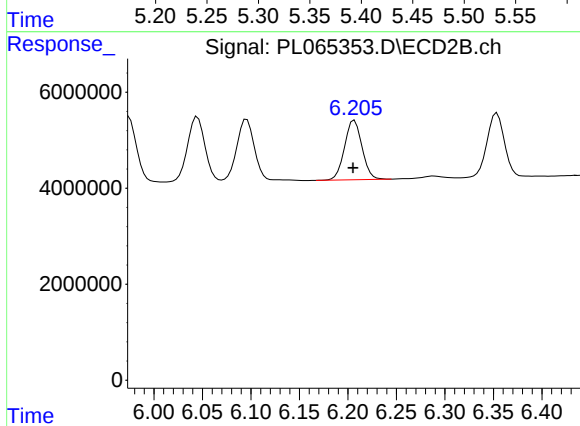
#11 alpha-Chlordane

R.T.: 6.045 min
Delta R.T.: 0.001 min
Response: 16734665
Conc: 5.38 ng/ml



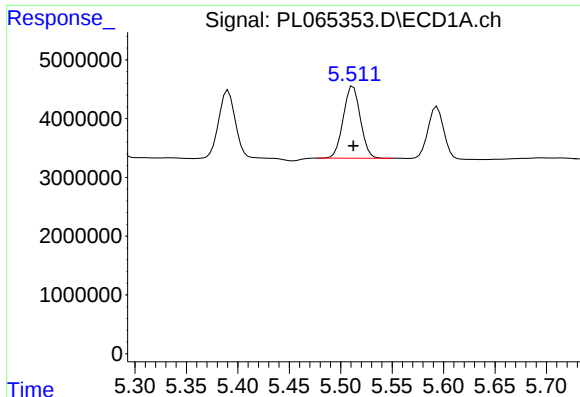
#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 13080679
Conc: 4.89 ng/ml



#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 15541801
Conc: 5.21 ng/ml



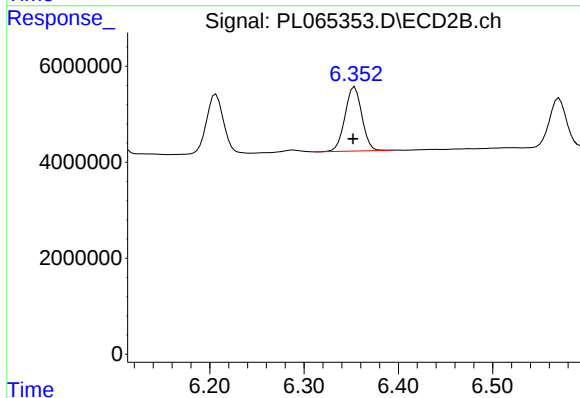
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 14154067
Conc: 4.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

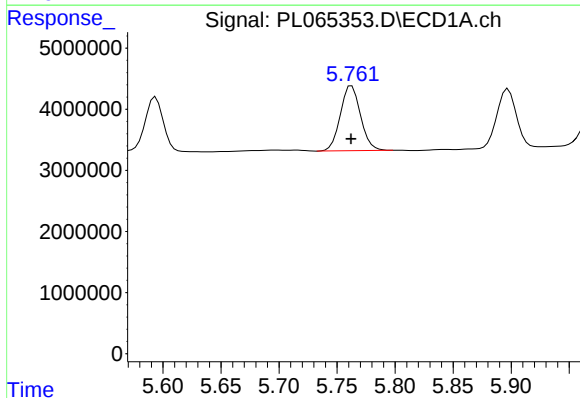
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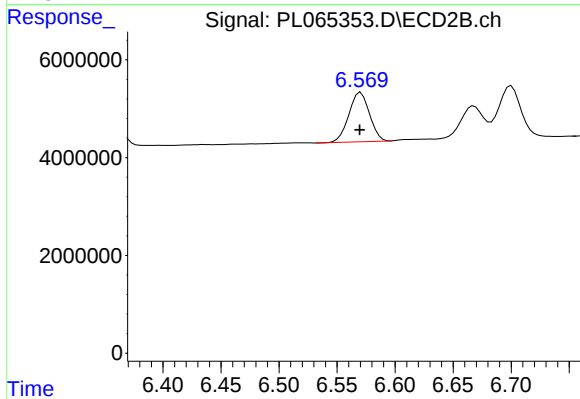
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.001 min
Response: 16605999
Conc: 5.30 ng/ml



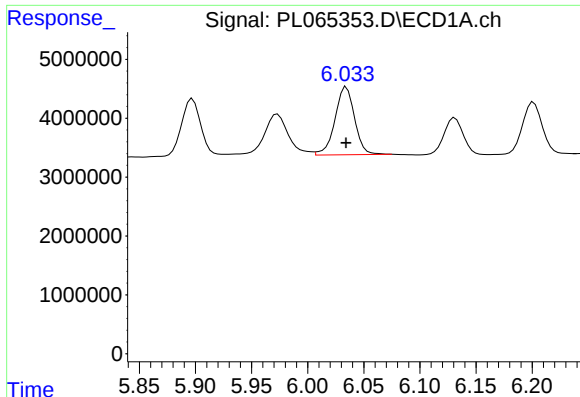
#14 Endrin

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 12857755
Conc: 4.89 ng/ml



#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 12477697
Conc: 4.76 ng/ml



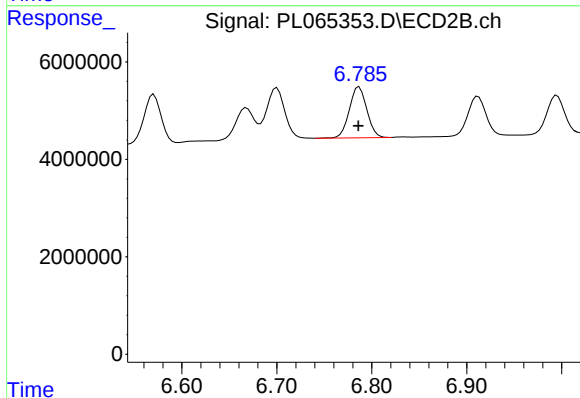
#15 Endosulfan II

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 13993547
Conc: 5.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
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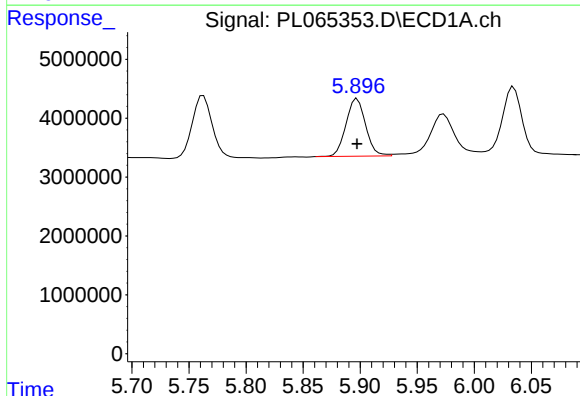
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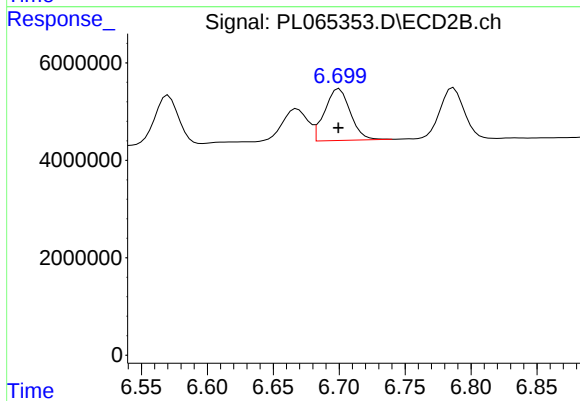
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 13380286
Conc: 5.38 ng/ml



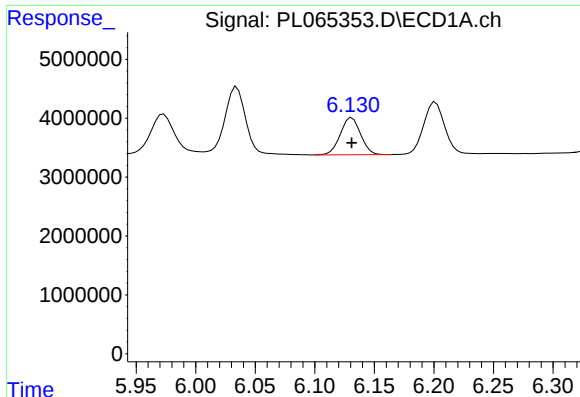
#16 4,4'-DDD

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 11726342
Conc: 5.27 ng/ml



#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 14442466
Conc: 5.72 ng/ml



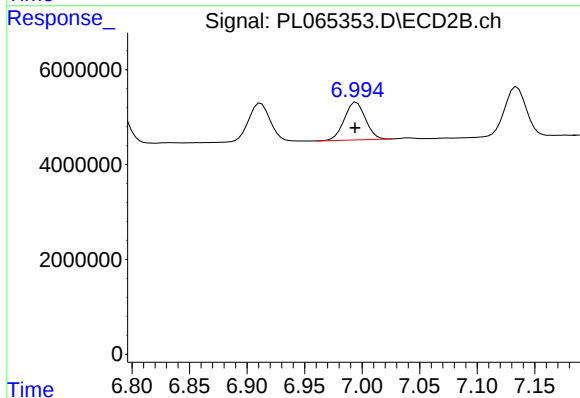
#17 4,4'-DDT

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 7434485
Conc: 3.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
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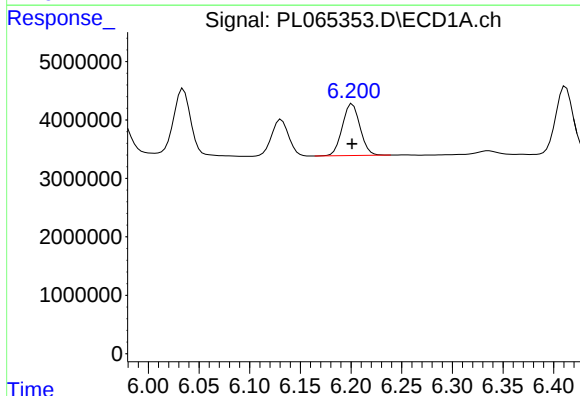
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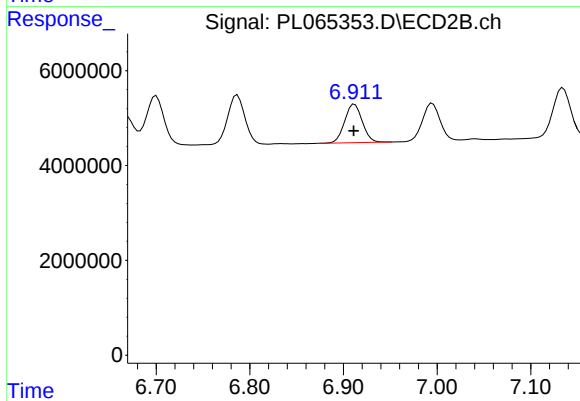
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.001 min
Response: 10217907
Conc: 4.59 ng/ml



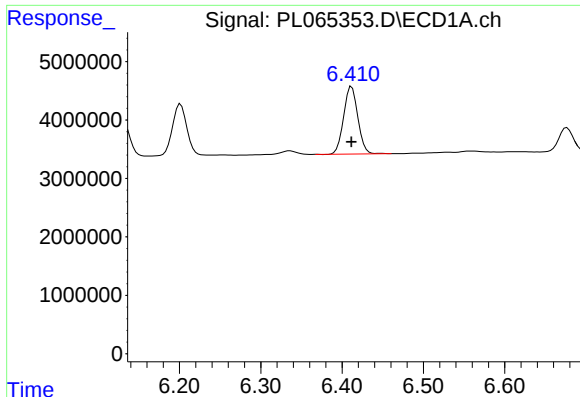
#18 Endrin aldehyde

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 10765957
Conc: 5.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 10642157
Conc: 5.40 ng/ml



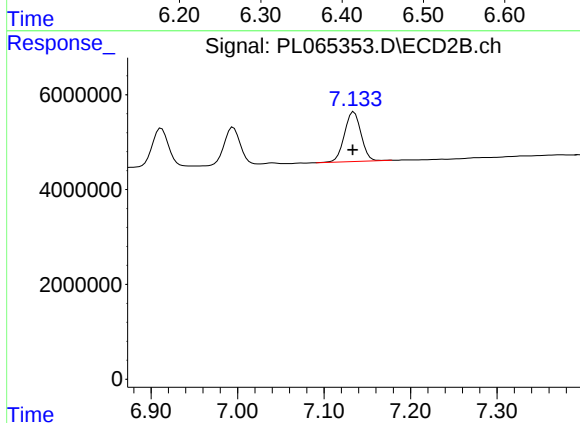
#19 Endosulfan Sulfate

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 14019323
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

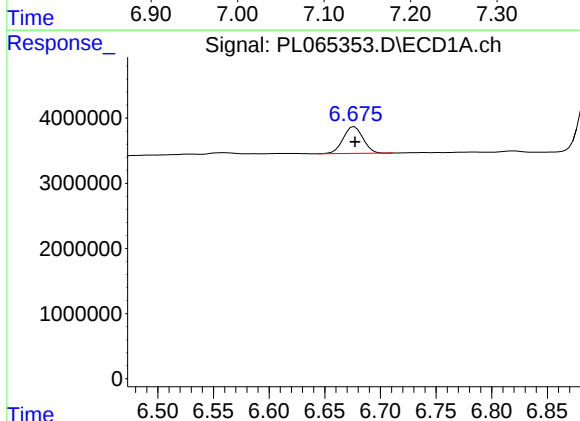
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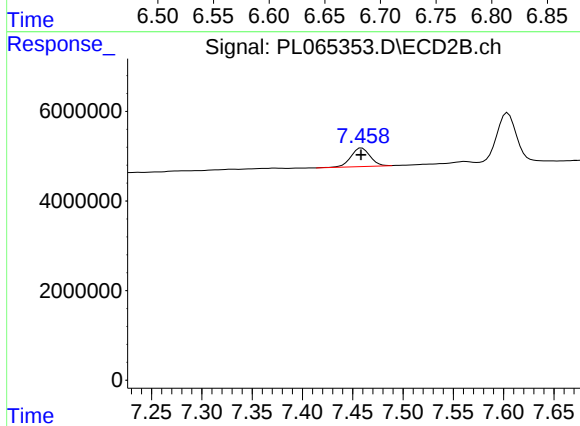
#19 Endosulfan Sulfate

R.T.: 7.135 min
Delta R.T.: 0.002 min
Response: 13943504
Conc: 5.55 ng/ml



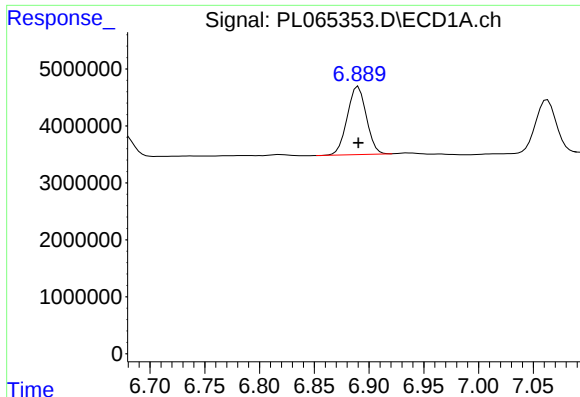
#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 5132968
Conc: 4.60 ng/ml



#20 Methoxychlor

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 5494122
Conc: 4.89 ng/ml



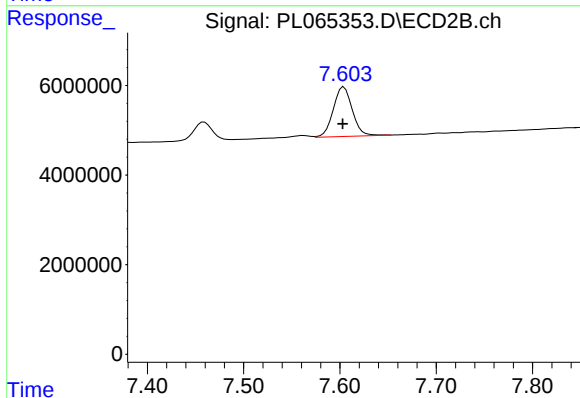
#21 Endrin ketone

R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 14537118
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

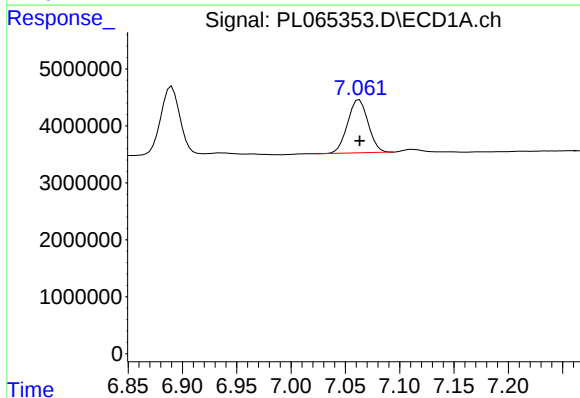
Manual Integrations
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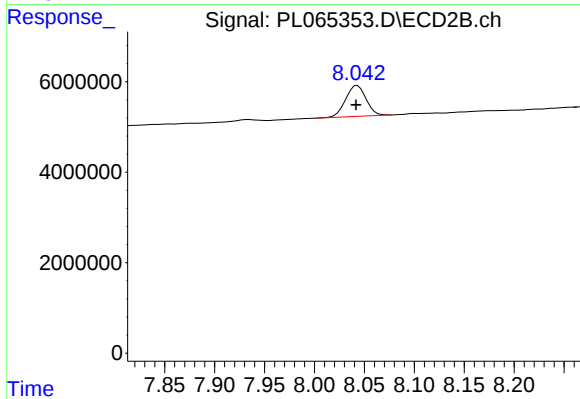
#21 Endrin ketone

R.T.: 7.604 min
Delta R.T.: 0.001 min
Response: 15164948
Conc: 5.57 ng/ml



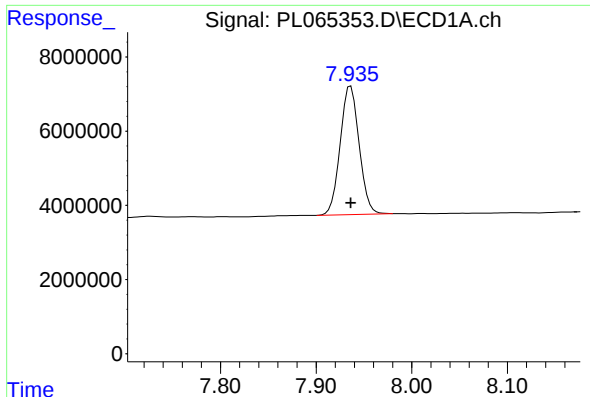
#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 12261954
Conc: 5.61 ng/ml



#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.001 min
Response: 9733690
Conc: 5.39 ng/ml



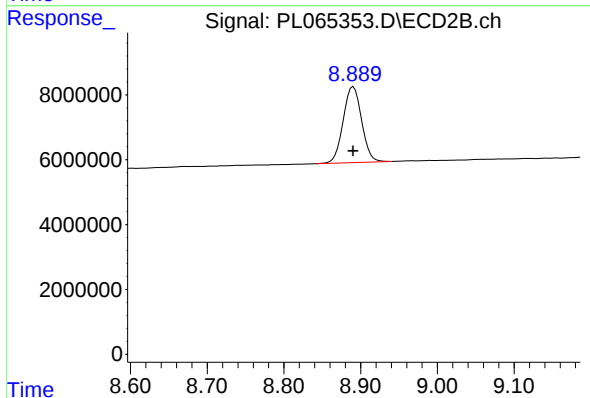
#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 47798238
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

Ankita
3/18/2021 3:57:37 PM



#28 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 39513821
Conc: 19.42 ng/ml