

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052621\
 Data File : PL066891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2021 00:21
 Operator : AR\AJ
 Sample : M2262-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 08:16:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052421.M
 Quant Title : GC Extractables
 QLast Update : Tue May 25 06:06:45 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...	4.481	5.531	8803500	13501355	15.344	15.719
28)	SA Decachlor...	10.224	11.431	12512816	15112069	16.827	17.537
Target Compounds							
2)	A alpha-BHC	5.178	6.111	768377	927384	0.844m	0.824
3)	MA gamma-BHC...	5.598	6.506	736260	902692	0.934m	0.851
4)	MA Heptachlor	6.011	7.154	718872	872316	0.973	0.929
5)	MB Aldrin	6.333	7.524	761472	809248	0.942	0.828
6)	B beta-BHC	5.980	6.761	517602	562867	1.320m	1.071m
7)	B delta-BHC	6.239	7.025	720519	1069173	0.880	0.986m
8)	B Heptachlo...	6.906	7.990	802128	1026236	1.061	1.136m
9)	A Endosulfan I	7.305	8.395	794721	812375	1.079	0.982
10)	B gamma-Chl...	7.183	8.260	876928	1110634	1.098m	1.190
11)	B alpha-Chl...	7.253	8.341	887578	929083	1.105	1.011
12)	B 4,4'-DDE	7.472	8.529	687493	732321	0.918	0.884
13)	MA Dieldrin	7.590	8.685	741778	805355	0.965	0.969
14)	MA Endrin	7.877	8.924	696357	621273	1.018	0.922
15)	B Endosulfa...	8.187	9.158	812950	850111	1.168	1.122
16)	A 4,4'-DDD	8.053	9.068	648345	804358	1.001	1.170
17)	MA 4,4'-DDT	8.312	9.386	406037	507298	0.720	0.854
18)	B Endrin al...	8.375	9.292	654931	675380	1.102	1.053
19)	B Endosulfa...	8.606	9.530	749468	841744	1.061	1.102
20)	A Methoxychlor	8.906	9.872	296714	337963	0.882	0.991
21)	B Endrin ke...	9.115	10.027	791276	842049	0.946	0.982
22)	Mirex	9.304	10.493	846912	874601	1.212	1.212

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052621\
Data File : PL066891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 May 2021 00:21
Operator : AR\AJ
Sample : M2262-03
Misc : PEST MDL 1 PPB
ALS Vial : 24 Sample Multiplier: 1

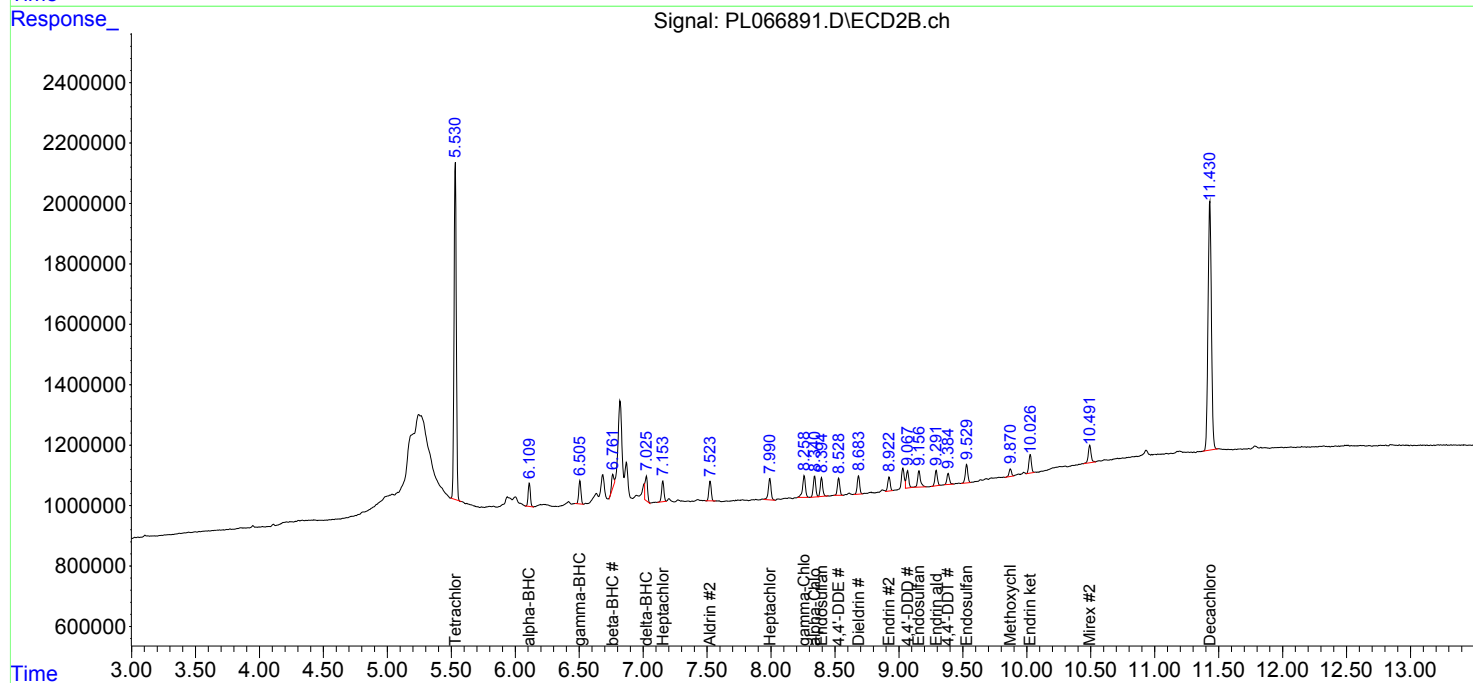
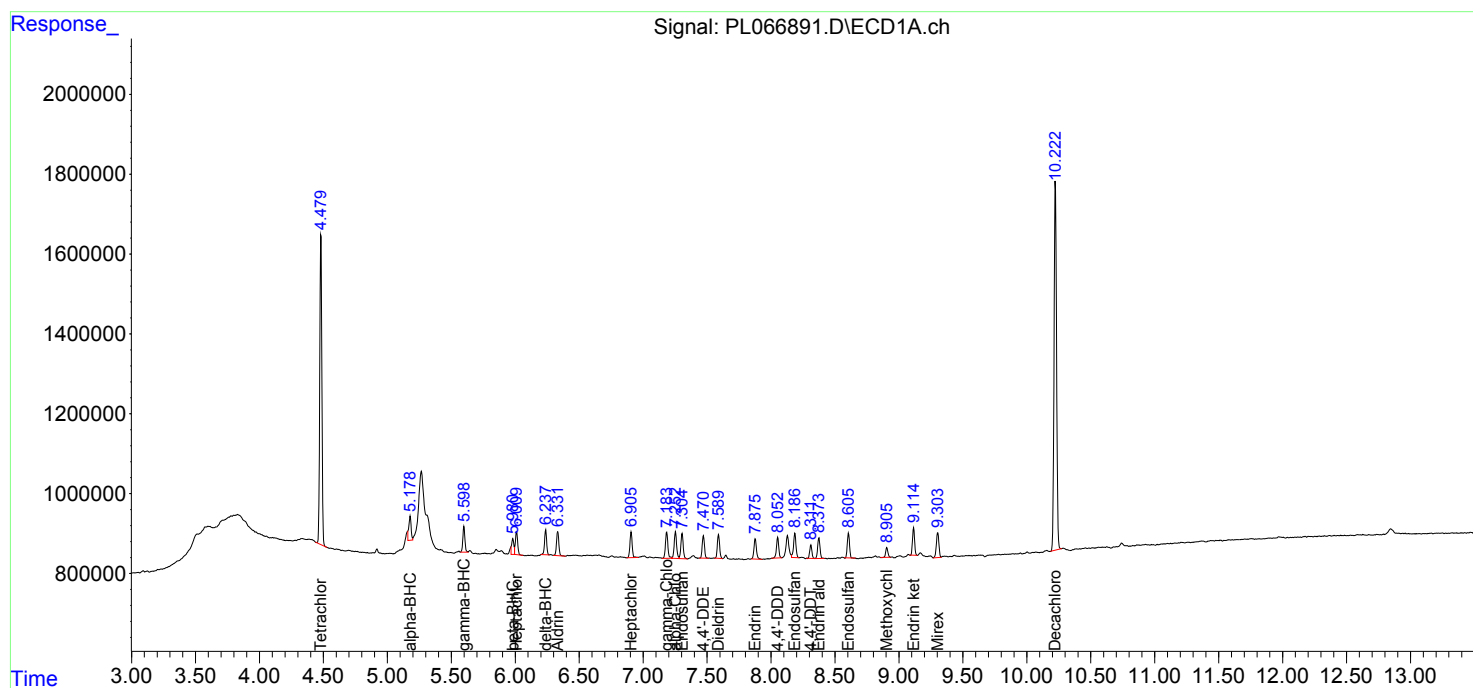
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

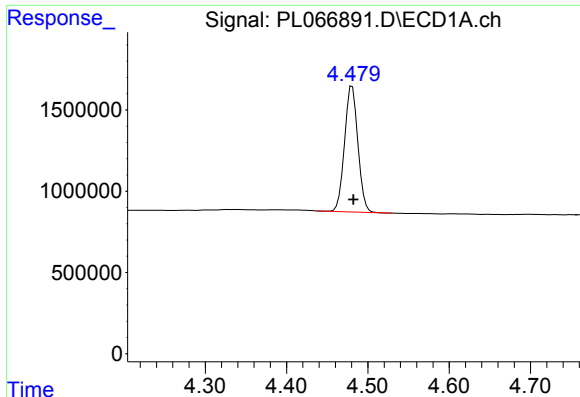
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 08:16:05 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052421.M
Quant Title : GC Extractables
QLast Update : Tue May 25 06:06:45 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





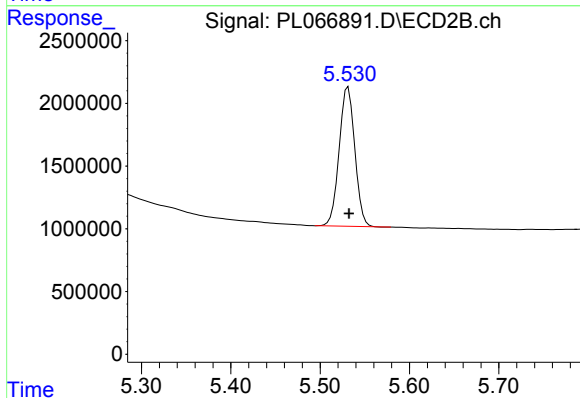
#1 Tetrachloro-m-xylene

R.T.: 4.481 min
Delta R.T.: -0.001 min
Response: 8803500
Conc: 15.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

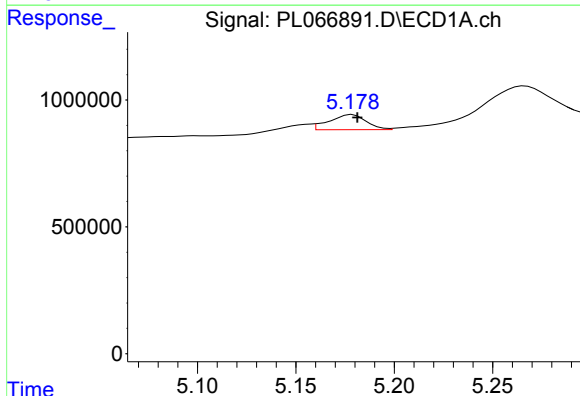
Manual Integrations
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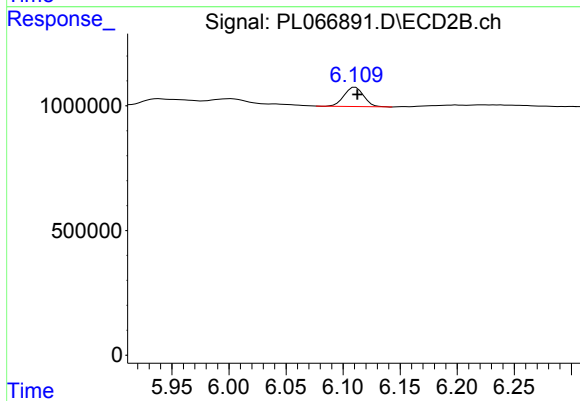
#1 Tetrachloro-m-xylene

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 13501355
Conc: 15.72 ng/ml



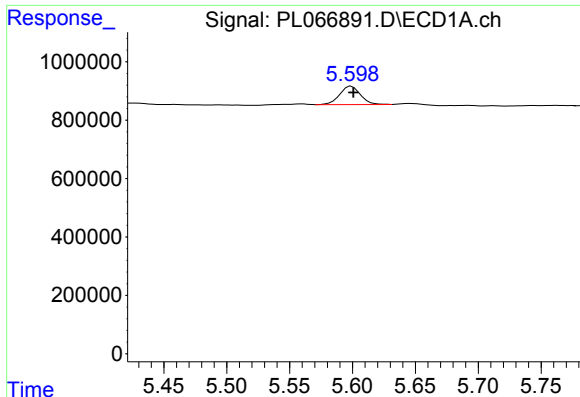
#2 alpha-BHC

R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 768377
Conc: 0.84 ng/ml m



#2 alpha-BHC

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 927384
Conc: 0.82 ng/ml



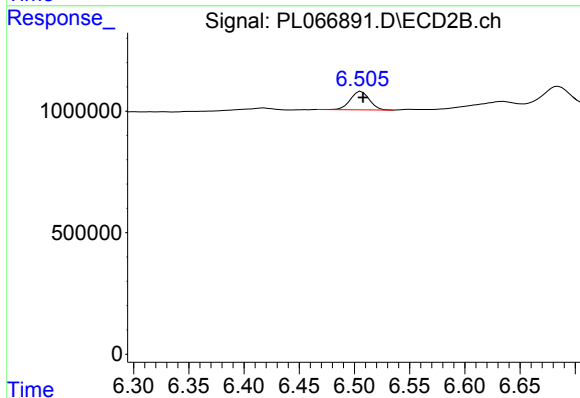
#3 gamma-BHC (Lindane)

R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 736260
Conc: 0.93 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

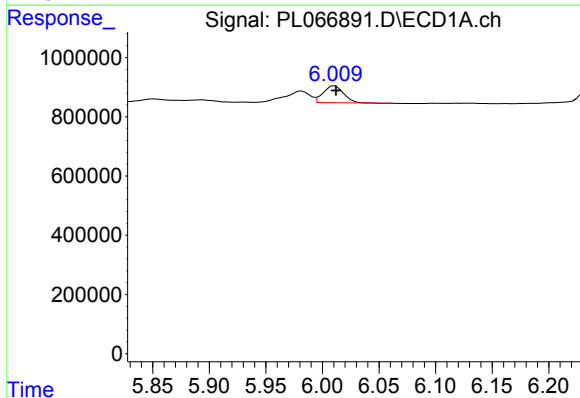
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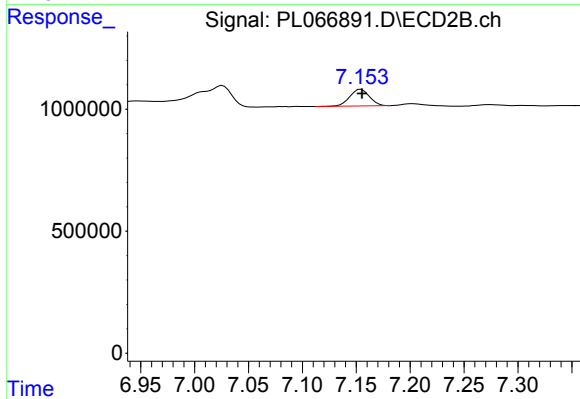
#3 gamma-BHC (Lindane)

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 902692
Conc: 0.85 ng/ml



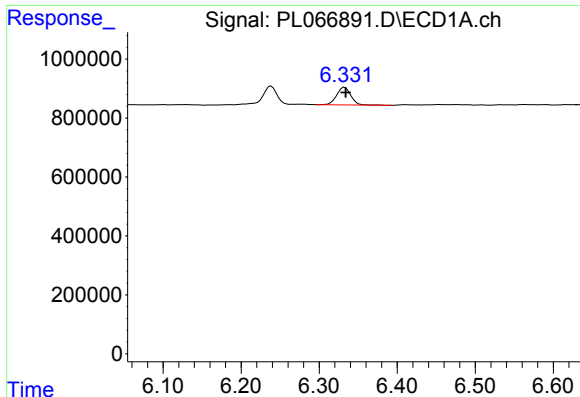
#4 Heptachlor

R.T.: 6.011 min
Delta R.T.: -0.001 min
Response: 718872
Conc: 0.97 ng/ml



#4 Heptachlor

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 872316
Conc: 0.93 ng/ml



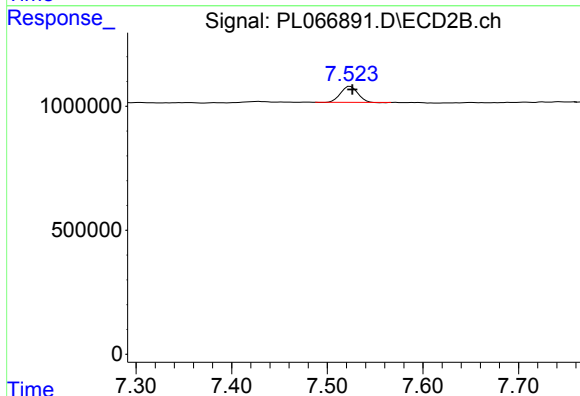
#5 Aldrin

R.T.: 6.333 min
Delta R.T.: -0.001 min
Response: 761472
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

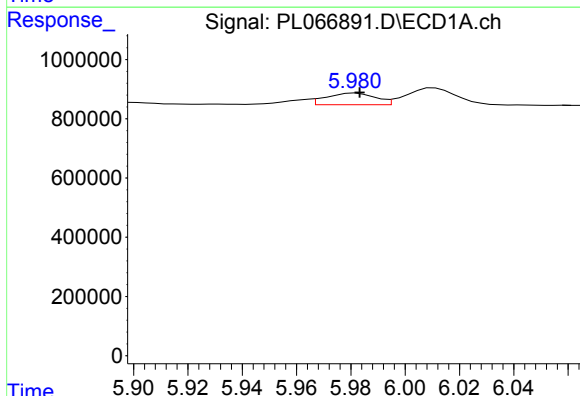
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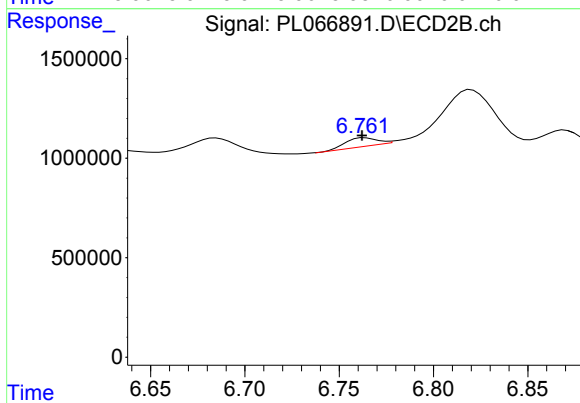
#5 Aldrin

R.T.: 7.524 min
Delta R.T.: -0.002 min
Response: 809248
Conc: 0.83 ng/ml



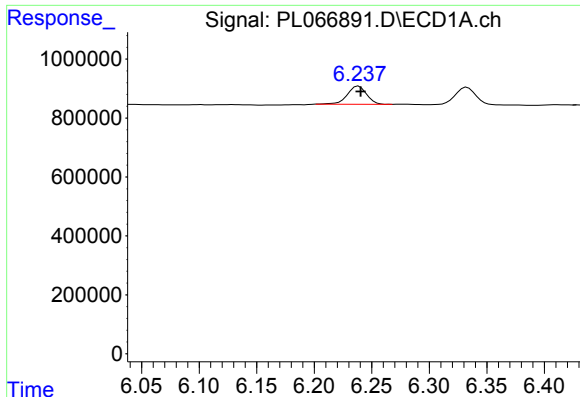
#6 beta-BHC

R.T.: 5.980 min
Delta R.T.: -0.003 min
Response: 517602
Conc: 1.32 ng/ml m



#6 beta-BHC

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 562867
Conc: 1.07 ng/ml m



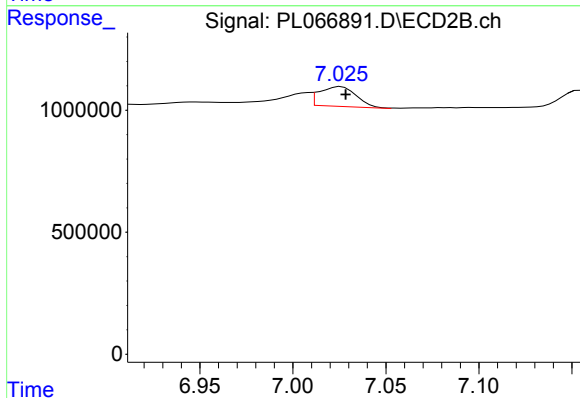
#7 delta-BHC

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 720519
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

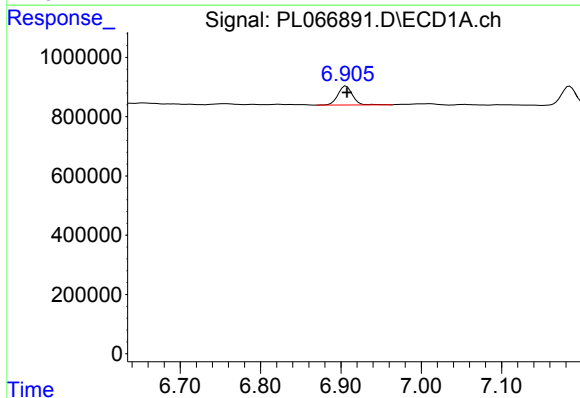
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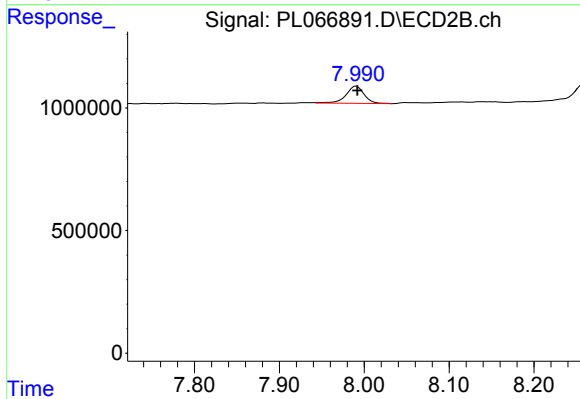
#7 delta-BHC

R.T.: 7.025 min
Delta R.T.: -0.004 min
Response: 1069173
Conc: 0.99 ng/ml m



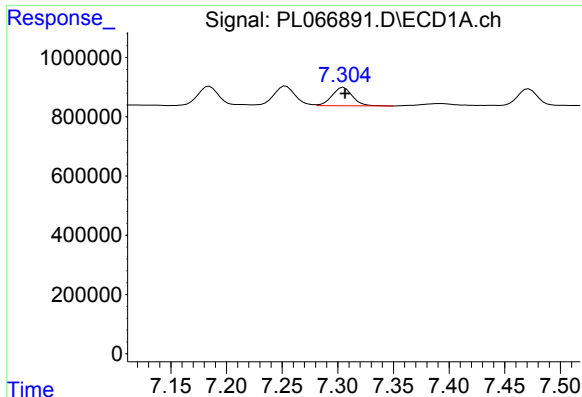
#8 Heptachlor epoxide

R.T.: 6.906 min
Delta R.T.: -0.001 min
Response: 802128
Conc: 1.06 ng/ml



#8 Heptachlor epoxide

R.T.: 7.990 min
Delta R.T.: -0.002 min
Response: 1026236
Conc: 1.14 ng/ml m



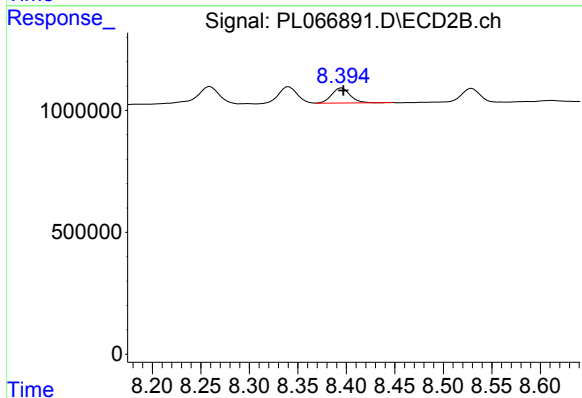
#9 Endosulfan I

R.T.: 7.305 min
Delta R.T.: -0.001 min
Response: 794721
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

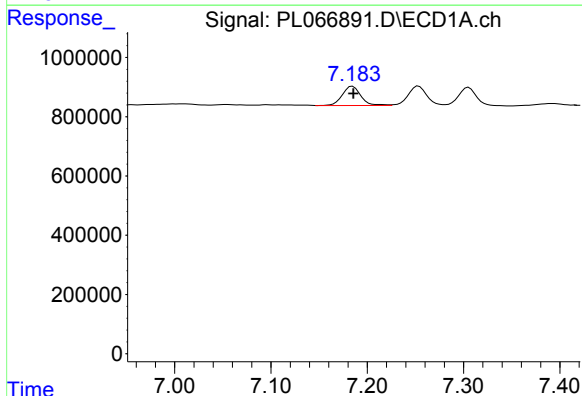
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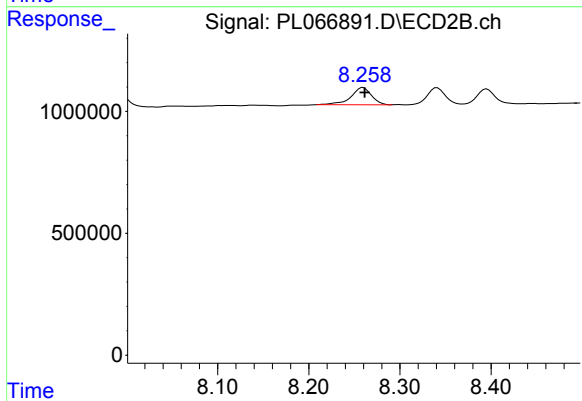
#9 Endosulfan I

R.T.: 8.395 min
Delta R.T.: -0.002 min
Response: 812375
Conc: 0.98 ng/ml



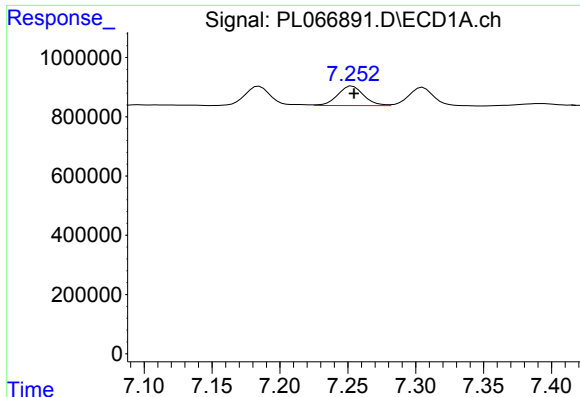
#10 gamma-Chlordane

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 876928
Conc: 1.10 ng/ml m



#10 gamma-Chlordane

R.T.: 8.260 min
Delta R.T.: -0.002 min
Response: 1110634
Conc: 1.19 ng/ml



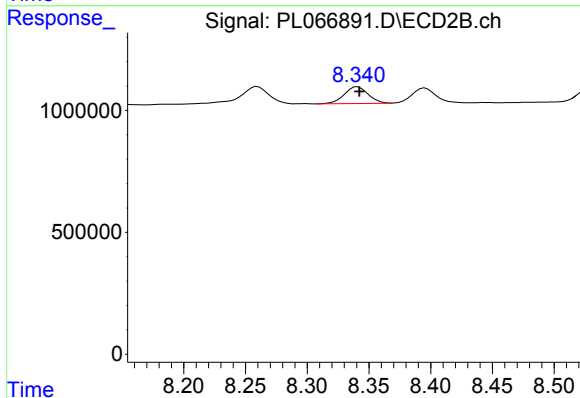
#11 alpha-Chlordane

R.T.: 7.253 min
Delta R.T.: -0.001 min
Response: 887578
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

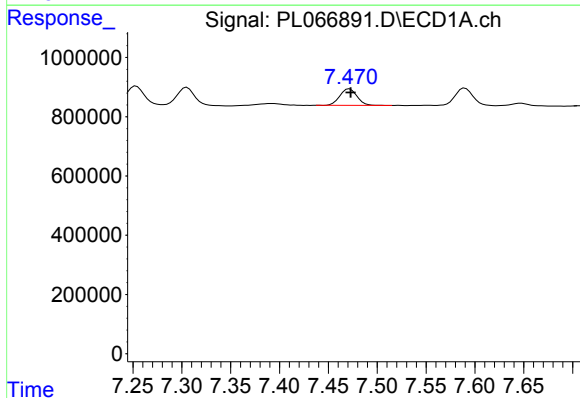
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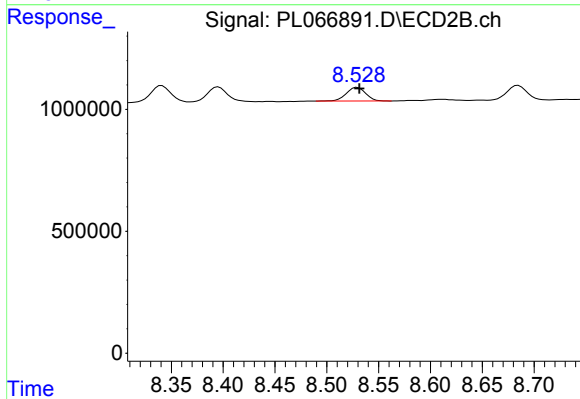
#11 alpha-Chlordane

R.T.: 8.341 min
Delta R.T.: -0.001 min
Response: 929083
Conc: 1.01 ng/ml



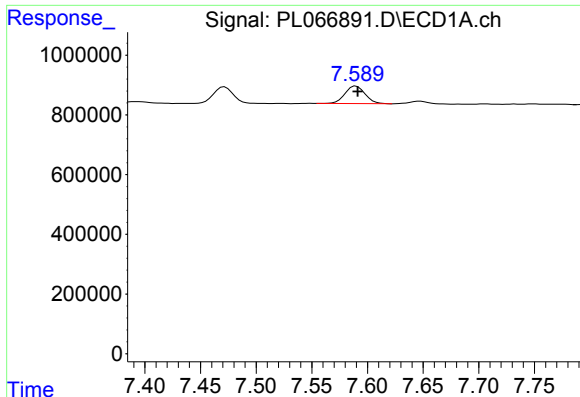
#12 4,4'-DDE

R.T.: 7.472 min
Delta R.T.: -0.001 min
Response: 687493
Conc: 0.92 ng/ml



#12 4,4'-DDE

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 732321
Conc: 0.88 ng/ml



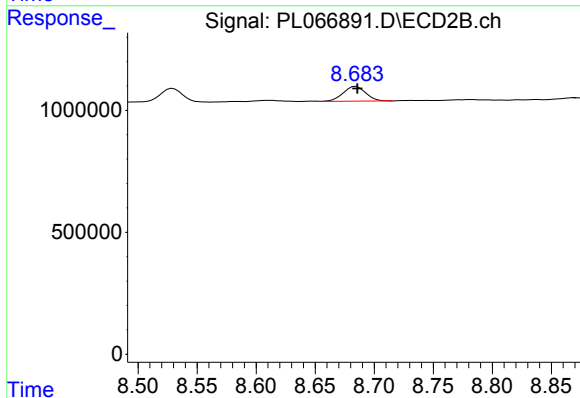
#13 Dieldrin

R.T.: 7.590 min
Delta R.T.: -0.001 min
Response: 741778
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

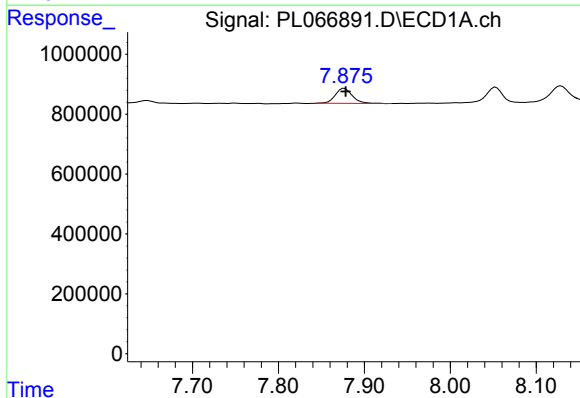
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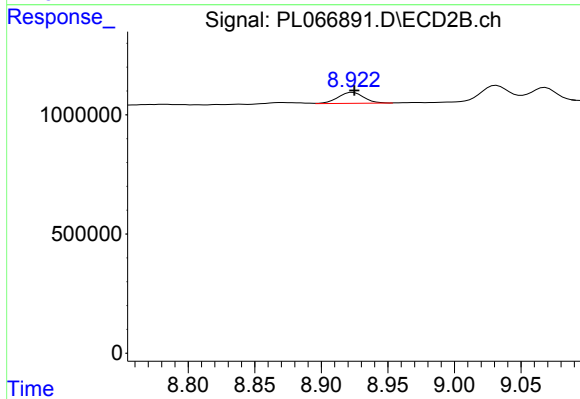
#13 Dieldrin

R.T.: 8.685 min
Delta R.T.: -0.001 min
Response: 805355
Conc: 0.97 ng/ml



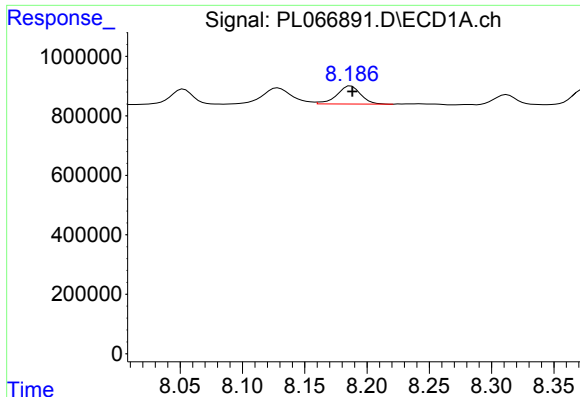
#14 Endrin

R.T.: 7.877 min
Delta R.T.: -0.001 min
Response: 696357
Conc: 1.02 ng/ml



#14 Endrin

R.T.: 8.924 min
Delta R.T.: -0.001 min
Response: 621273
Conc: 0.92 ng/ml



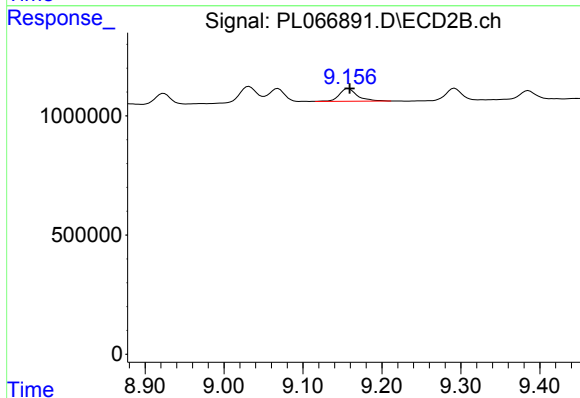
#15 Endosulfan II

R.T.: 8.187 min
Delta R.T.: -0.001 min
Response: 812950
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

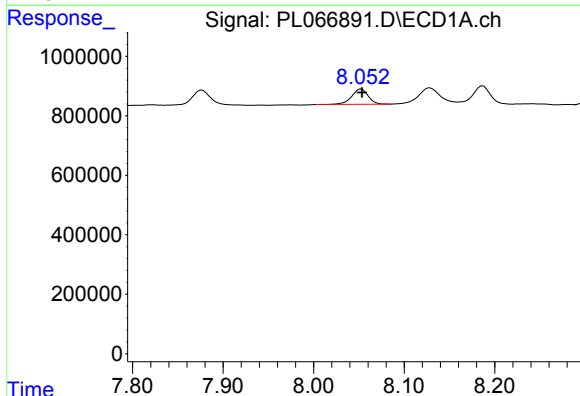
Manual Integrations
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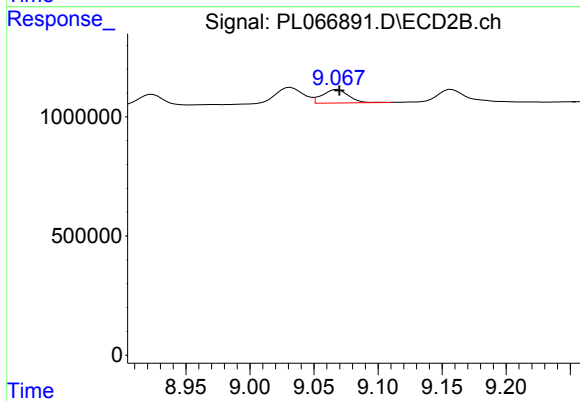
#15 Endosulfan II

R.T.: 9.158 min
Delta R.T.: -0.002 min
Response: 850111
Conc: 1.12 ng/ml



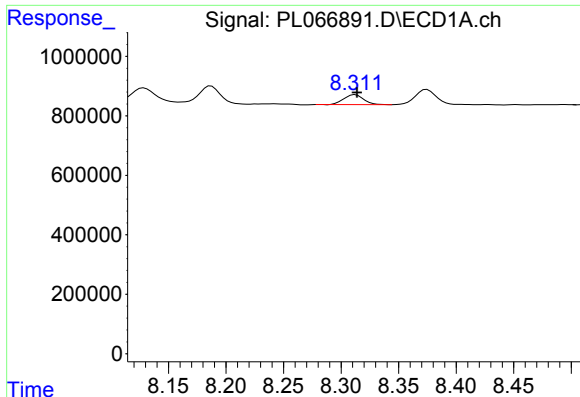
#16 4,4'-DDD

R.T.: 8.053 min
Delta R.T.: 0.000 min
Response: 648345
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 804358
Conc: 1.17 ng/ml



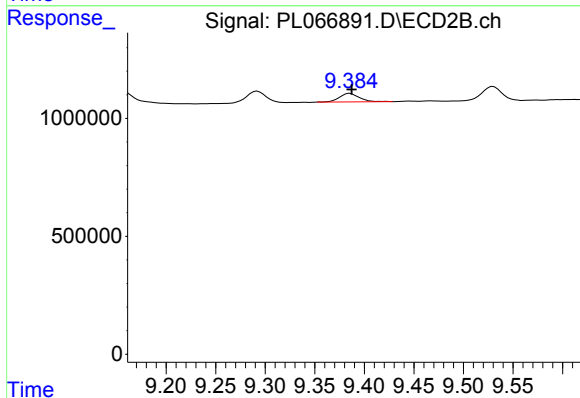
#17 4,4'-DDT

R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 406037
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

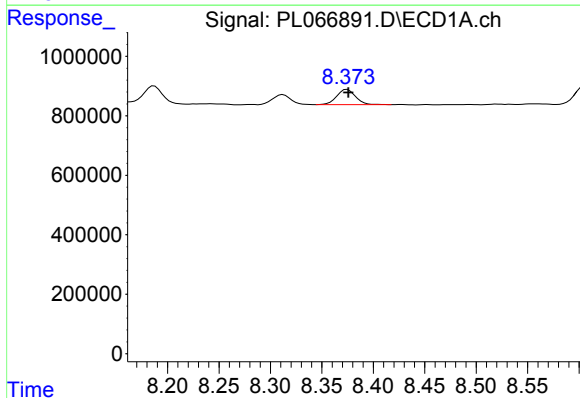
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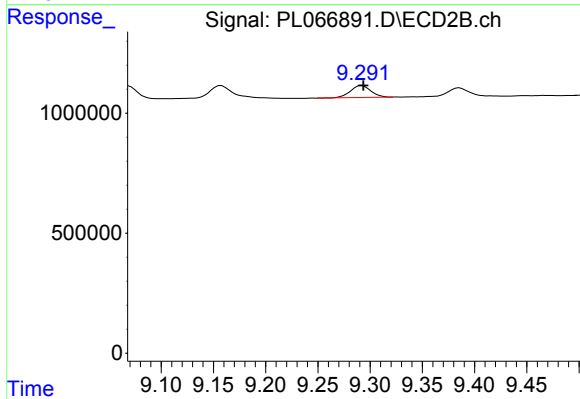
#17 4,4'-DDT

R.T.: 9.386 min
Delta R.T.: -0.002 min
Response: 507298
Conc: 0.85 ng/ml



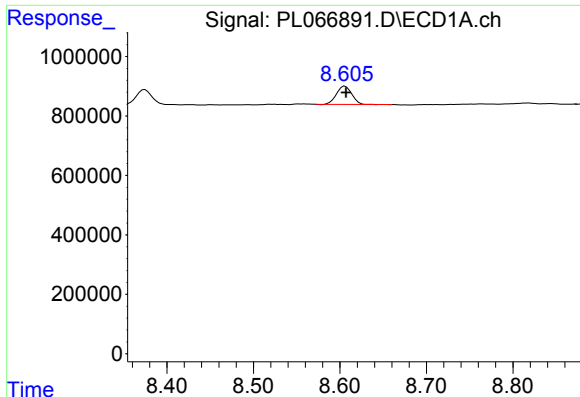
#18 Endrin aldehyde

R.T.: 8.375 min
Delta R.T.: -0.001 min
Response: 654931
Conc: 1.10 ng/ml



#18 Endrin aldehyde

R.T.: 9.292 min
Delta R.T.: -0.001 min
Response: 675380
Conc: 1.05 ng/ml



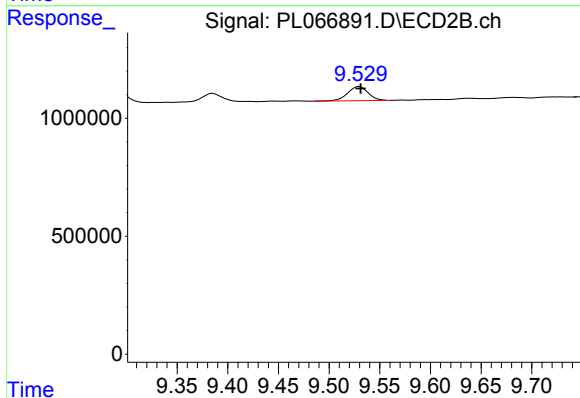
#19 Endosulfan Sulfate

R.T.: 8.606 min
Delta R.T.: -0.001 min
Response: 749468
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

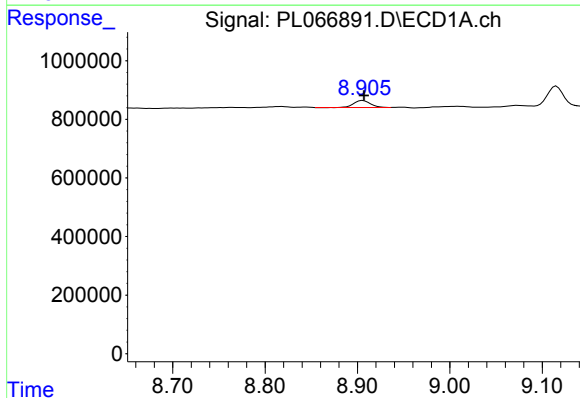
Manual Integrations
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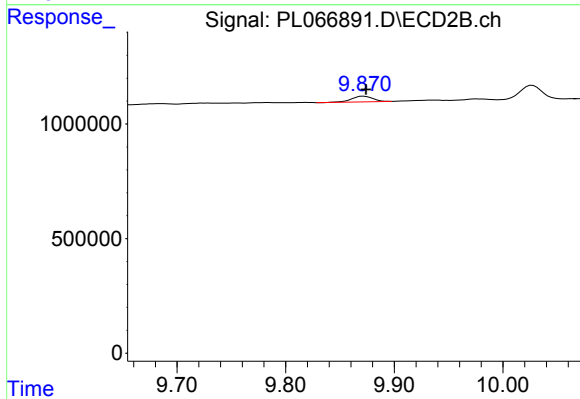
#19 Endosulfan Sulfate

R.T.: 9.530 min
Delta R.T.: -0.001 min
Response: 841744
Conc: 1.10 ng/ml



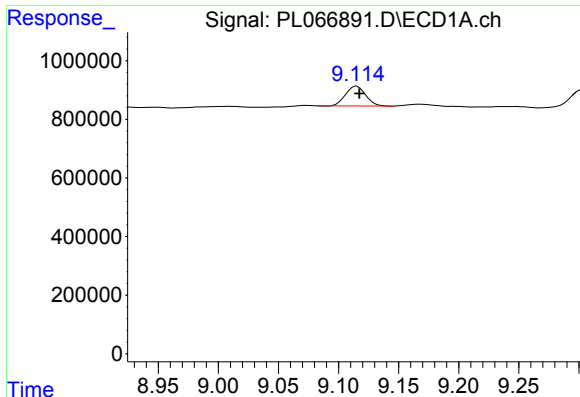
#20 Methoxychlor

R.T.: 8.906 min
Delta R.T.: -0.001 min
Response: 296714
Conc: 0.88 ng/ml



#20 Methoxychlor

R.T.: 9.872 min
Delta R.T.: -0.002 min
Response: 337963
Conc: 0.99 ng/ml



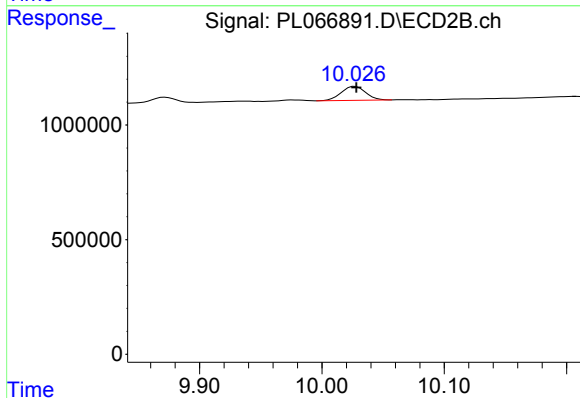
#21 Endrin ketone

R.T.: 9.115 min
Delta R.T.: -0.002 min
Response: 791276
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

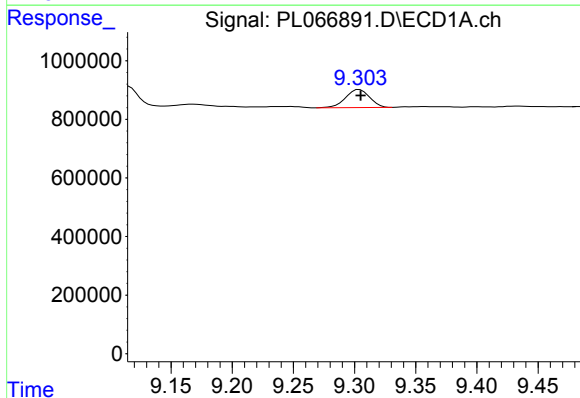
Manual Integrations
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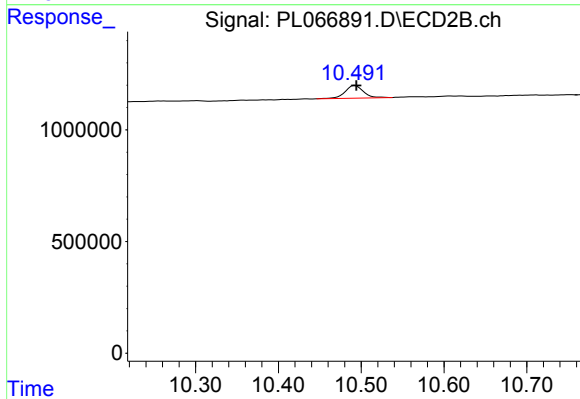
#21 Endrin ketone

R.T.: 10.027 min
Delta R.T.: -0.001 min
Response: 842049
Conc: 0.98 ng/ml



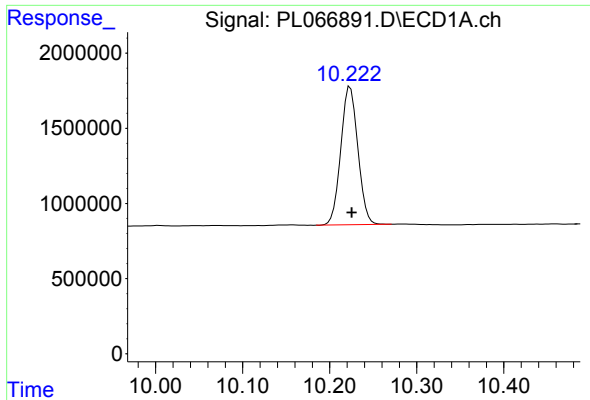
#22 Mirex

R.T.: 9.304 min
Delta R.T.: -0.001 min
Response: 846912
Conc: 1.21 ng/ml



#22 Mirex

R.T.: 10.493 min
Delta R.T.: -0.001 min
Response: 874601
Conc: 1.21 ng/ml



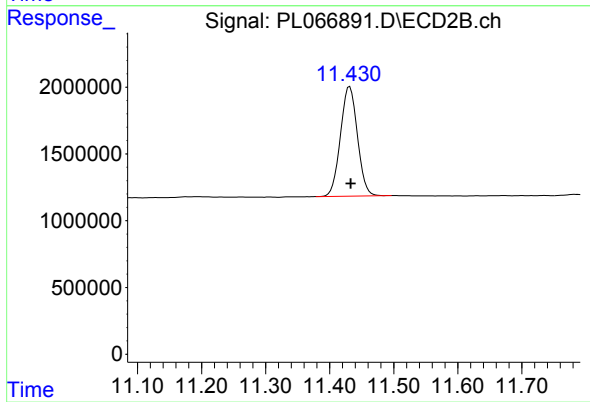
#28 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.002 min
Response: 12512816
Conc: 16.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

Ankita
5/26/2021 4:08:08 PM



#28 Decachlorobiphenyl

R.T.: 11.431 min
Delta R.T.: -0.002 min
Response: 15112069
Conc: 17.54 ng/ml