

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052521\
 Data File : PL066862.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2021 11:17
 Operator : AR\AJ
 Sample : M2262-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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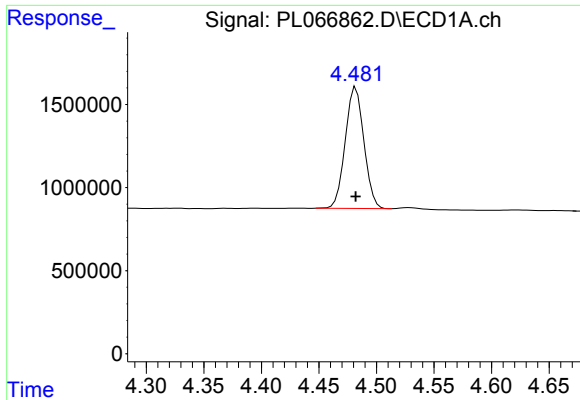
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 17:05:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052421.M
 Quant Title : GC Extractables
 QLast Update : Tue May 25 06:06:45 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.482	5.533	8279129	12260893	14.430	14.275
2)	SA Decachlor...	10.229	11.436	11636573	13902455	15.649	16.133
Target Compounds							
2)	A alpha-BHC	5.180	6.113	593582	766511	0.652m	0.681
3)	MA gamma-BHC...	5.600	6.509	702787	808580	0.892m	0.762
4)	MA Heptachlor	6.012	7.157	647097	749468	0.876m	0.798
5)	MB Aldrin	6.334	7.526	663366	725443	0.821m	0.742m
6)	B beta-BHC	5.984	6.763	393002	361371	1.002m	0.687m#
7)	B delta-BHC	6.240	7.028	679870	685106	0.831m	0.632m
8)	B Heptachlo...	6.908	7.993	726173	735072	0.961m	0.813m
9)	A Endosulfan I	7.307	8.399	689369	744528	0.936m	0.900
10)	B gamma-Chl...	7.187	8.263	742982	1016241	0.930m	1.089
11)	B alpha-Chl...	7.255	8.345	772277	817438	0.961m	0.890
12)	B 4,4'-DDE	7.474	8.533	634318	676000	0.847m	0.816
13)	MA Dieldrin	7.593	8.688	682793	741796	0.889m	0.892
14)	MA Endrin	7.880	8.928	595157	548572	0.870m	0.814
15)	B Endosulfa...	8.190	9.160	734208	692187	1.055m	0.914m
16)	A 4,4'-DDD	8.055	9.072	619084	823561	0.956m	1.198 #
17)	MA 4,4'-DDT	8.315	9.390	388171	458910	0.688m	0.773
18)	B Endrin al...	8.377	9.296	579527	634609	0.975m	0.989
19)	B Endosulfa...	8.609	9.534	642272	733441	0.909m	0.960
20)	A Methoxychlor	8.910	9.874	269388	285151	0.801m	0.836m
21)	B Endrin ke...	9.119	10.031	720625	757479	0.861m	0.884
22)	Mirex	9.307	10.497	754747	728803	1.080m	1.010

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



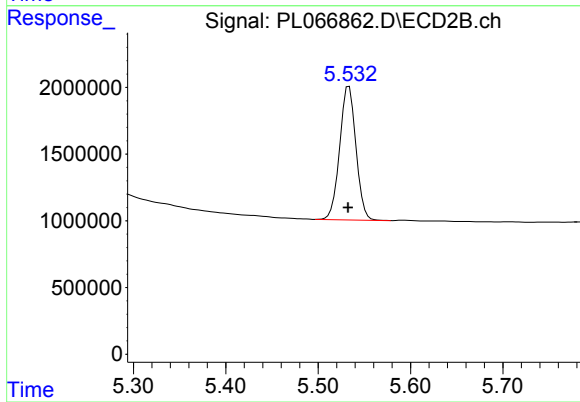
#1 Tetrachloro-m-xylene

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 8279129
Conc: 14.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

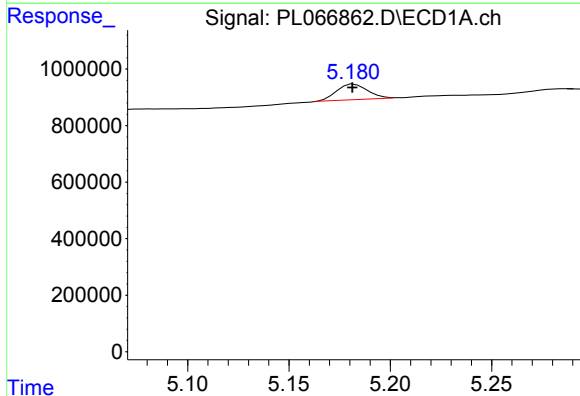
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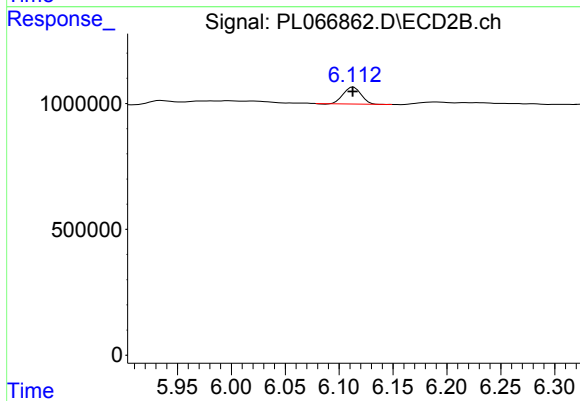
#1 Tetrachloro-m-xylene

R.T.: 5.533 min
Delta R.T.: 0.001 min
Response: 12260893
Conc: 14.27 ng/ml



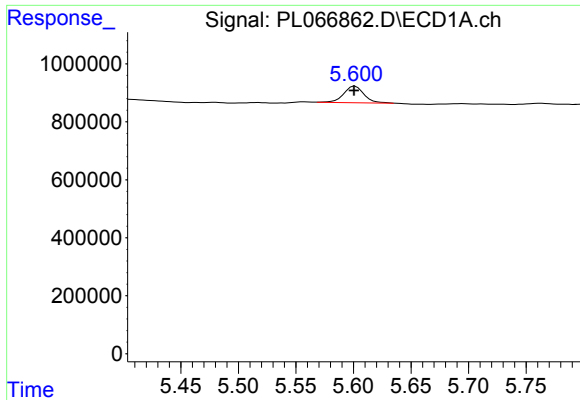
#2 alpha-BHC

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 593582
Conc: 0.65 ng/ml m



#2 alpha-BHC

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 766511
Conc: 0.68 ng/ml



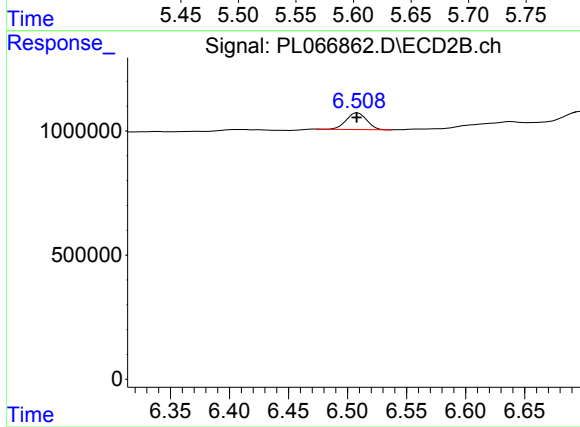
#3 gamma-BHC (Lindane)

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 702787
Conc: 0.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

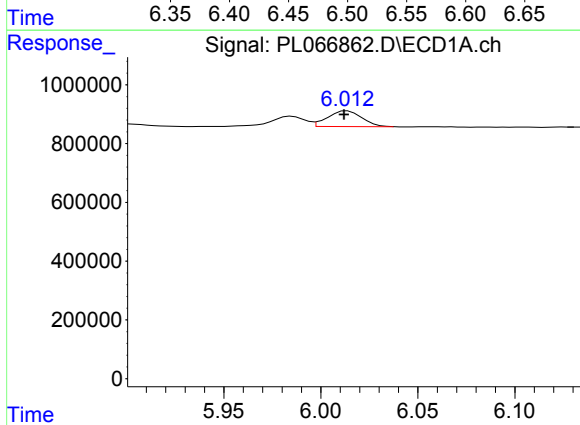
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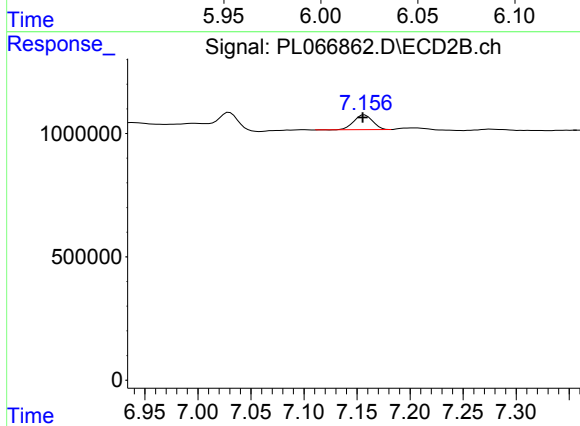
#3 gamma-BHC (Lindane)

R.T.: 6.509 min
Delta R.T.: 0.001 min
Response: 808580
Conc: 0.76 ng/ml



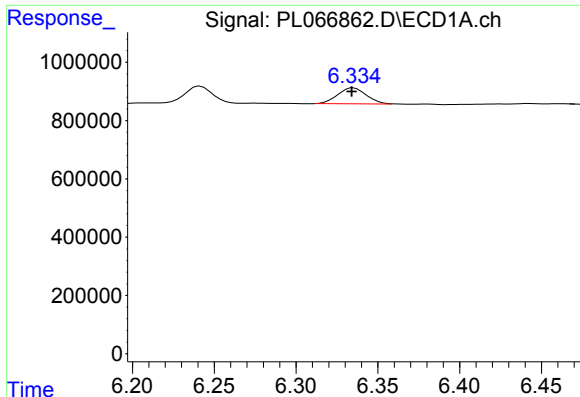
#4 Heptachlor

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 647097
Conc: 0.88 ng/ml m



#4 Heptachlor

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 749468
Conc: 0.80 ng/ml



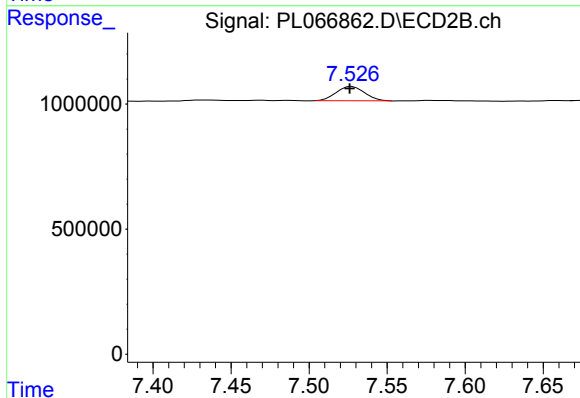
#5 Aldrin

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 663366
Conc: 0.82 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

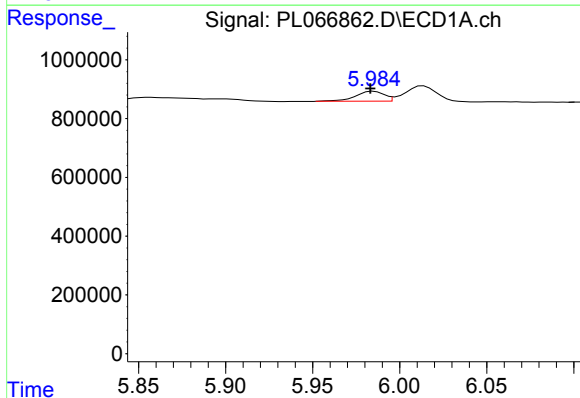
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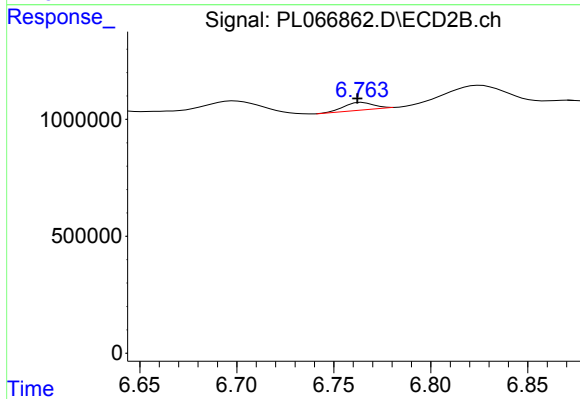
#5 Aldrin

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 725443
Conc: 0.74 ng/ml m



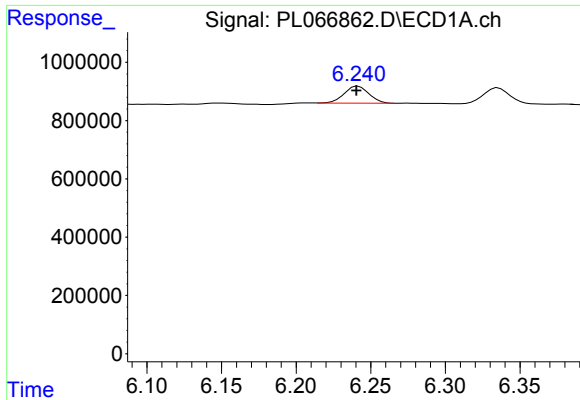
#6 beta-BHC

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 393002
Conc: 1.00 ng/ml m



#6 beta-BHC

R.T.: 6.763 min
Delta R.T.: 0.001 min
Response: 361371
Conc: 0.69 ng/ml m



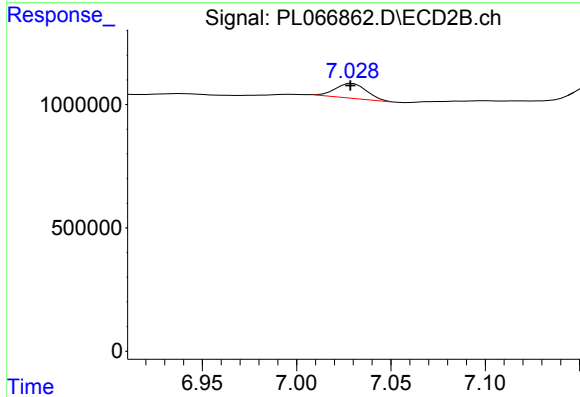
#7 delta-BHC

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 679870
Conc: 0.83 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

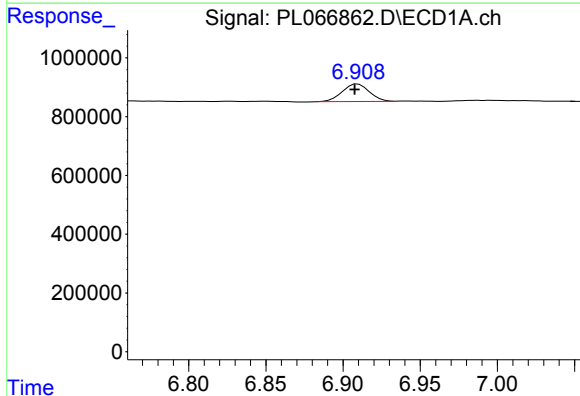
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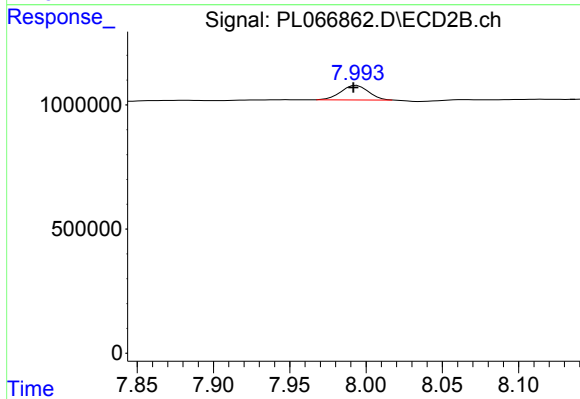
#7 delta-BHC

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 685106
Conc: 0.63 ng/ml m



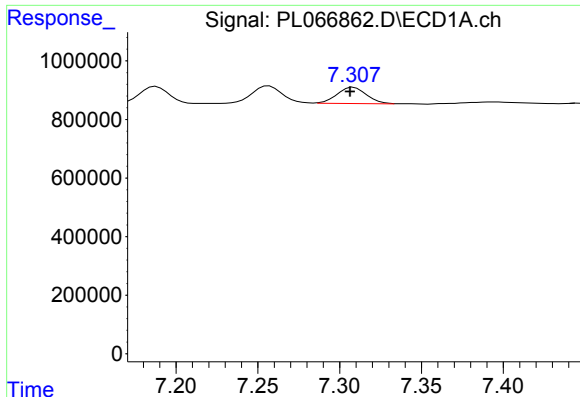
#8 Heptachlor epoxide

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 726173
Conc: 0.96 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 735072
Conc: 0.81 ng/ml m



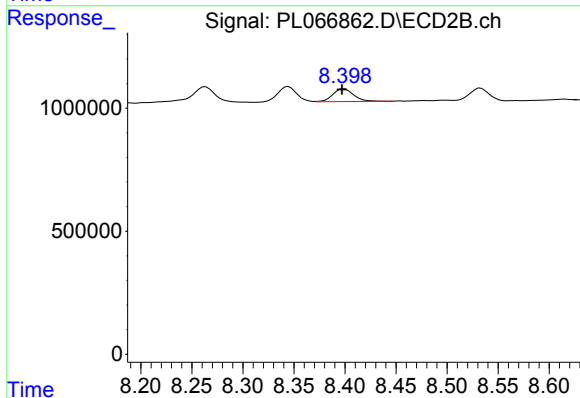
#9 Endosulfan I

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 689369
Conc: 0.94 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

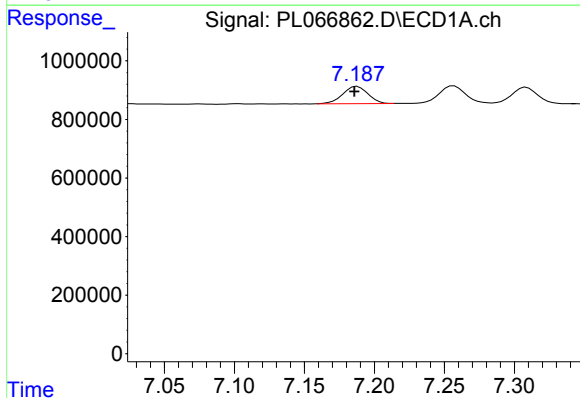
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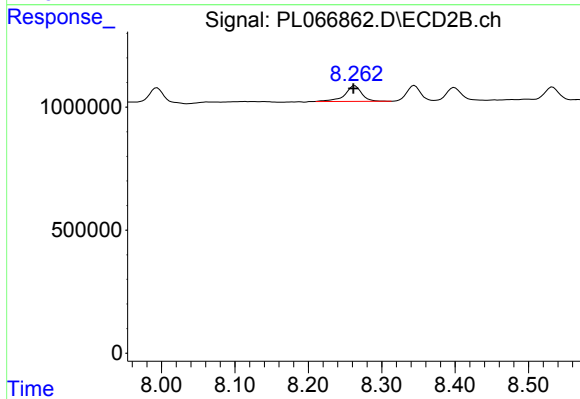
#9 Endosulfan I

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 744528
Conc: 0.90 ng/ml



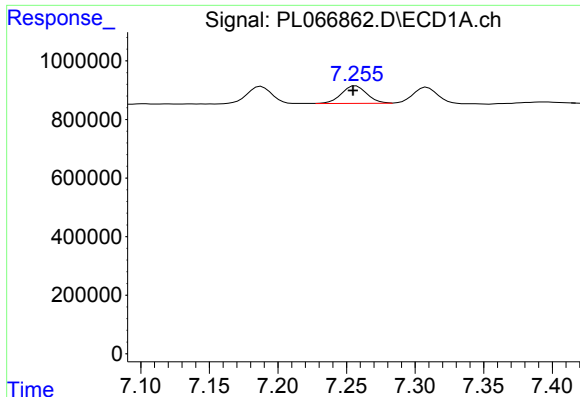
#10 gamma-Chlordane

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 742982
Conc: 0.93 ng/ml m



#10 gamma-Chlordane

R.T.: 8.263 min
Delta R.T.: 0.002 min
Response: 1016241
Conc: 1.09 ng/ml



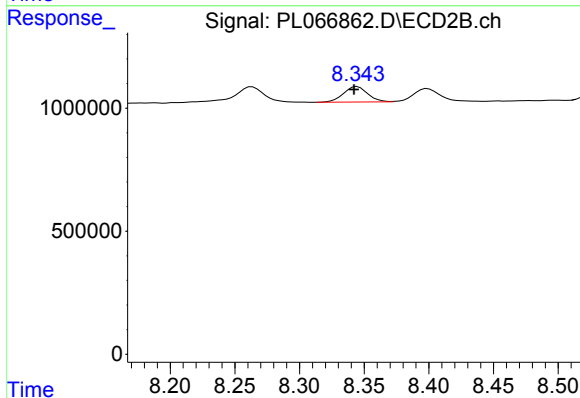
#11 alpha-Chlordane

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 772277
Conc: 0.96 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

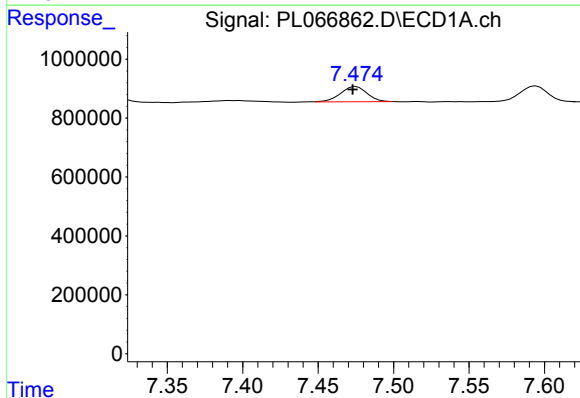
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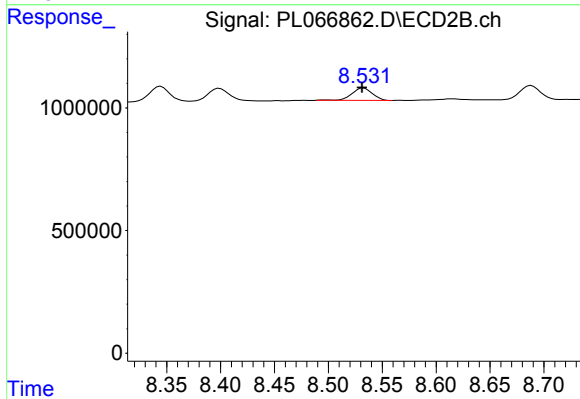
#11 alpha-Chlordane

R.T.: 8.345 min
Delta R.T.: 0.002 min
Response: 817438
Conc: 0.89 ng/ml



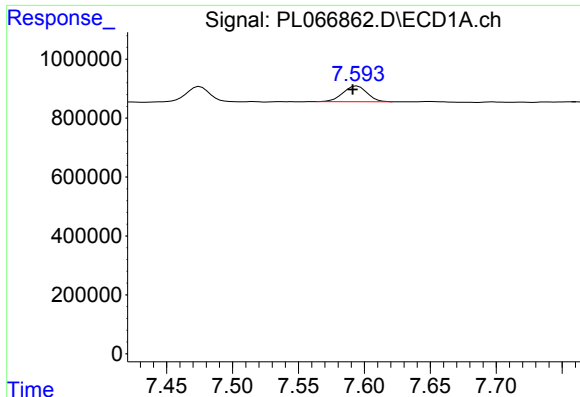
#12 4,4'-DDE

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 634318
Conc: 0.85 ng/ml m



#12 4,4'-DDE

R.T.: 8.533 min
Delta R.T.: 0.001 min
Response: 676000
Conc: 0.82 ng/ml



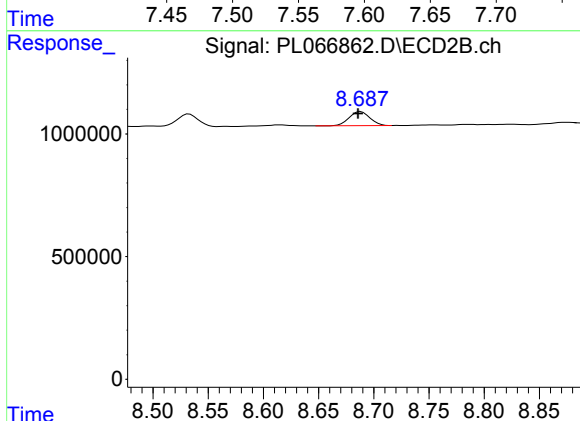
#13 Dieldrin

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 682793
Conc: 0.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

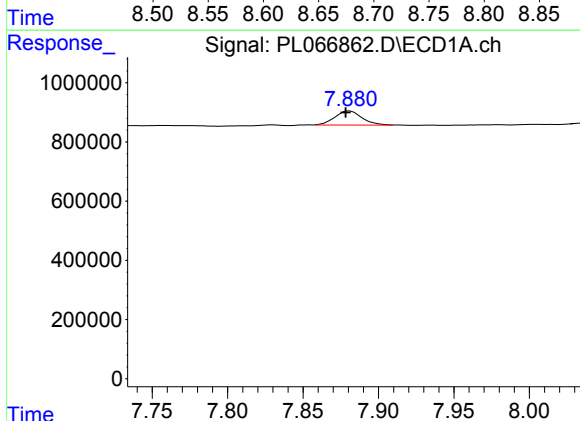
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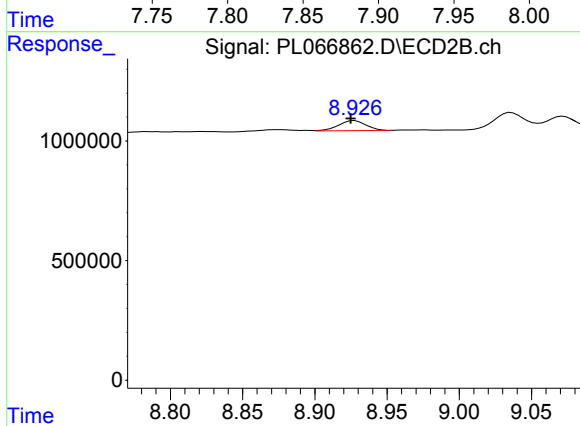
#13 Dieldrin

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 741796
Conc: 0.89 ng/ml



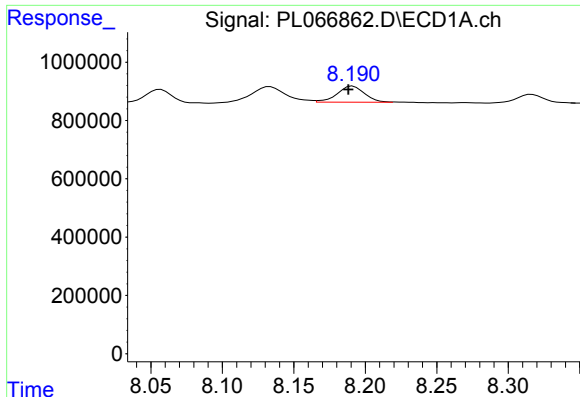
#14 Endrin

R.T.: 7.880 min
Delta R.T.: 0.001 min
Response: 595157
Conc: 0.87 ng/ml m



#14 Endrin

R.T.: 8.928 min
Delta R.T.: 0.003 min
Response: 548572
Conc: 0.81 ng/ml



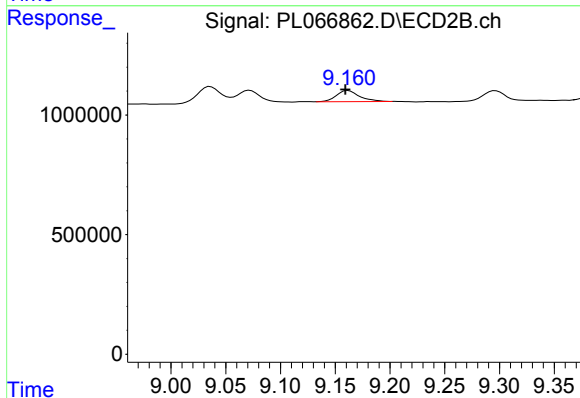
#15 Endosulfan II

R.T.: 8.190 min
Delta R.T.: 0.002 min
Response: 734208
Conc: 1.06 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

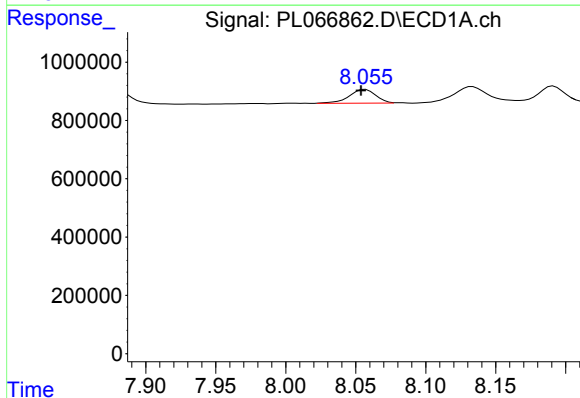
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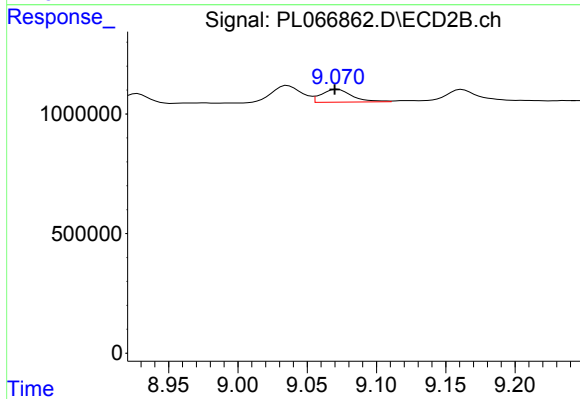
#15 Endosulfan II

R.T.: 9.160 min
Delta R.T.: 0.001 min
Response: 692187
Conc: 0.91 ng/ml m



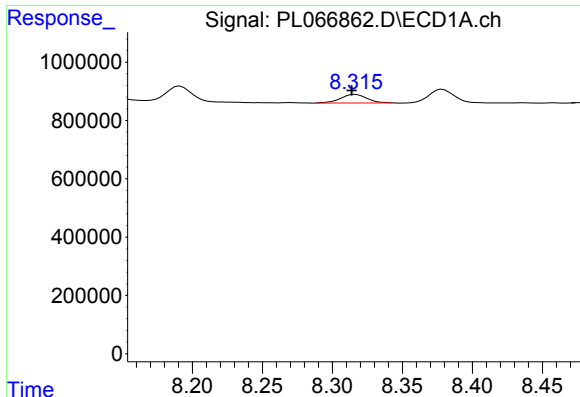
#16 4,4'-DDD

R.T.: 8.055 min
Delta R.T.: 0.002 min
Response: 619084
Conc: 0.96 ng/ml m



#16 4,4'-DDD

R.T.: 9.072 min
Delta R.T.: 0.002 min
Response: 823561
Conc: 1.20 ng/ml



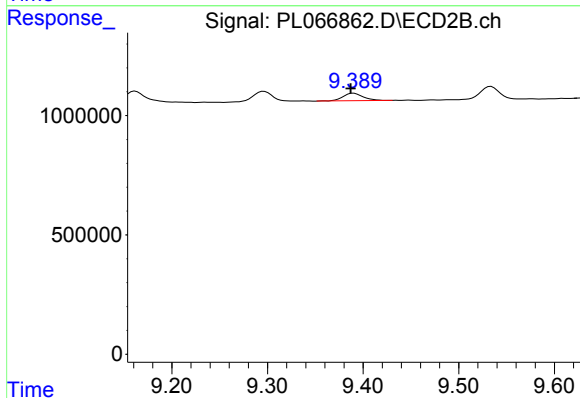
#17 4,4'-DDT

R.T.: 8.315 min
Delta R.T.: 0.001 min
Response: 388171
Conc: 0.69 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

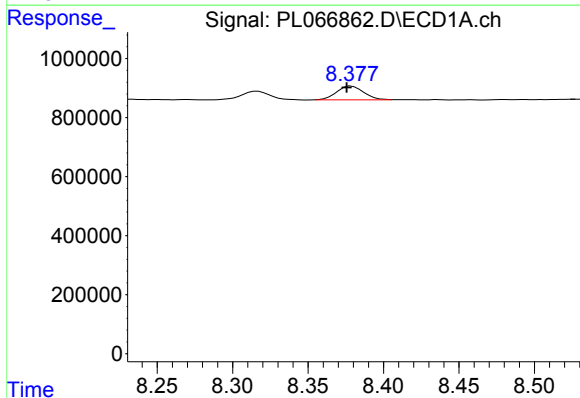
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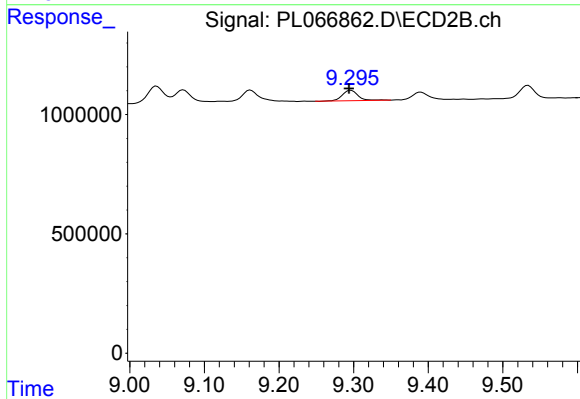
#17 4,4'-DDT

R.T.: 9.390 min
Delta R.T.: 0.003 min
Response: 458910
Conc: 0.77 ng/ml



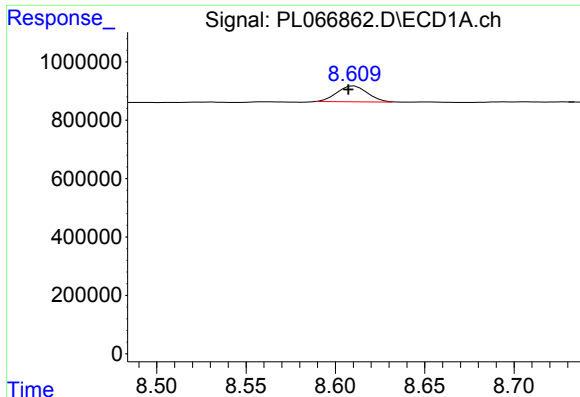
#18 Endrin aldehyde

R.T.: 8.377 min
Delta R.T.: 0.002 min
Response: 579527
Conc: 0.97 ng/ml m



#18 Endrin aldehyde

R.T.: 9.296 min
Delta R.T.: 0.003 min
Response: 634609
Conc: 0.99 ng/ml



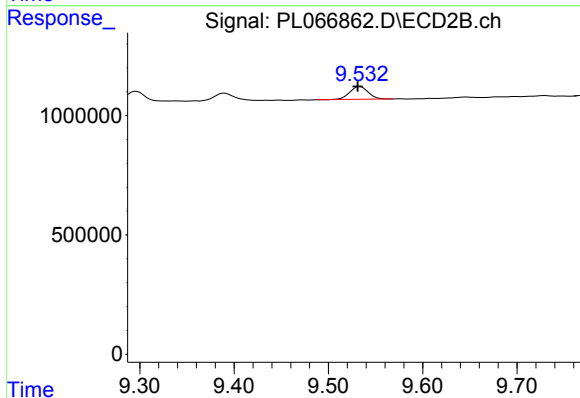
#19 Endosulfan Sulfate

R.T.: 8.609 min
Delta R.T.: 0.002 min
Response: 642272
Conc: 0.91 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

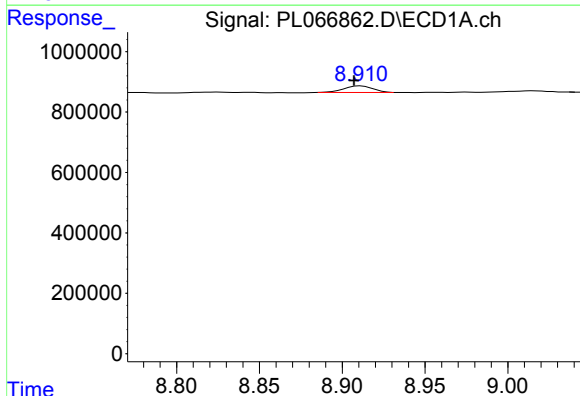
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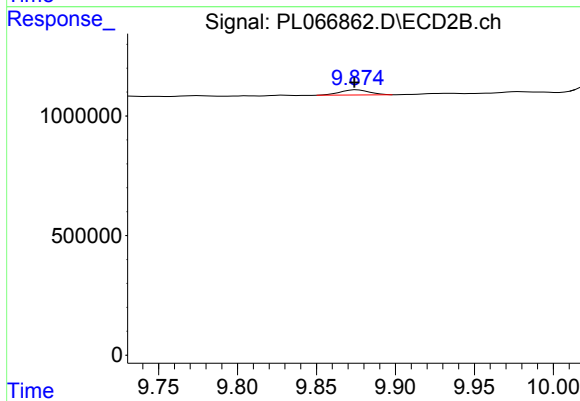
#19 Endosulfan Sulfate

R.T.: 9.534 min
Delta R.T.: 0.003 min
Response: 733441
Conc: 0.96 ng/ml



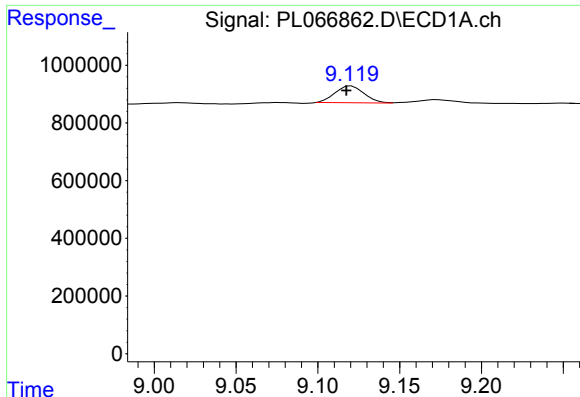
#20 Methoxychlor

R.T.: 8.910 min
Delta R.T.: 0.003 min
Response: 269388
Conc: 0.80 ng/ml m



#20 Methoxychlor

R.T.: 9.874 min
Delta R.T.: 0.000 min
Response: 285151
Conc: 0.84 ng/ml m



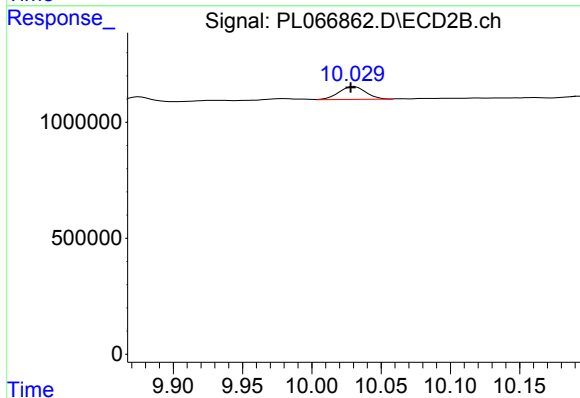
#21 Endrin ketone

R.T.: 9.119 min
Delta R.T.: 0.002 min
Response: 720625
Conc: 0.86 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

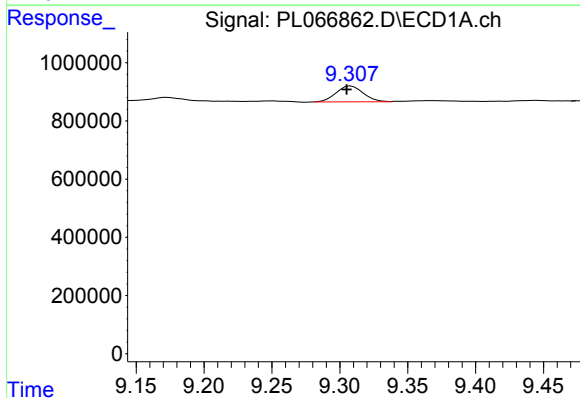
Manual Integrations
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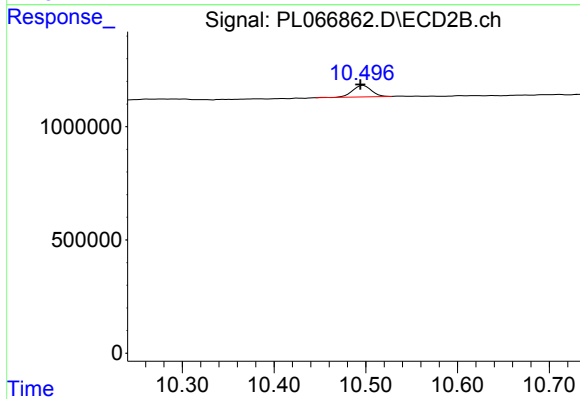
#21 Endrin ketone

R.T.: 10.031 min
Delta R.T.: 0.003 min
Response: 757479
Conc: 0.88 ng/ml



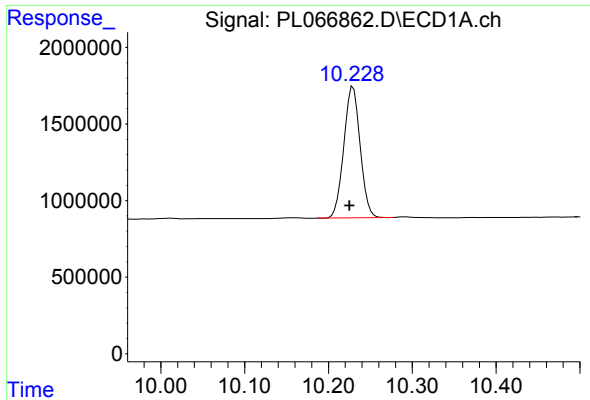
#22 Mirex

R.T.: 9.307 min
Delta R.T.: 0.002 min
Response: 754747
Conc: 1.08 ng/ml m



#22 Mirex

R.T.: 10.497 min
Delta R.T.: 0.003 min
Response: 728803
Conc: 1.01 ng/ml



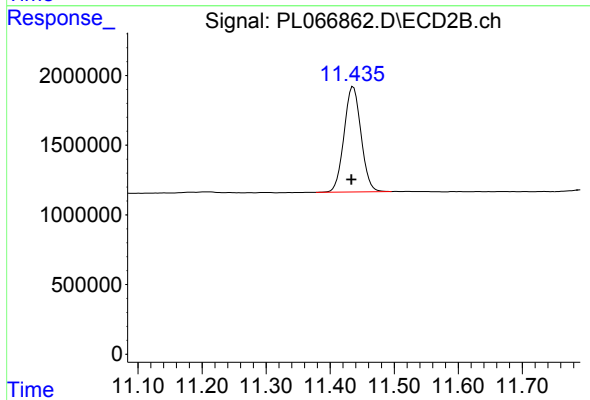
#28 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.004 min
Response: 11636573
Conc: 15.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.436 min
Delta R.T.: 0.003 min
Response: 13902455
Conc: 16.13 ng/ml