

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051320\
 Data File : PL058690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2020 17:19
 Operator : AJ\MA
 Sample : L2182-01
 Misc : 1 PPB LOD
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 01:57:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051220.M
 Quant Title : GC Extractables
 QLast Update : Wed May 13 09:14:54 2020
 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...	3.531	4.077	35093203	49383506	21.361	22.814
28) SA Decachlor...	8.319	9.190	31514790	45655007	24.135	25.833
Target Compounds						
2) A alpha-BHC	3.974	4.470	2957559	2726848	1.285	0.891 #
3) MA gamma-BHC...	4.260	4.757	1807147	2694290	0.881	0.919
4) MA Heptachlor	4.568	5.271	2022915	3187676	1.071	1.137
5) MB Aldrin	4.819	5.579	1627240	2677936	0.977	1.075
6) B beta-BHC	4.509	4.925	1130424	1399659	1.275	1.055
7) B delta-BHC	4.715	5.144	1646778	2790314	0.886m	0.983
8) B Heptachlo...	5.265	5.966	1643751	3013819	1.046	1.255
9) A Endosulfan I	5.606	6.326	1629752	2491059	1.125	1.158
10) B gamma-Chl...	5.494	6.199	1818536	2805836	1.170	1.194m
11) B alpha-Chl...	5.552	6.275	1760450	2659319	1.131	1.134
12) B 4,4'-DDE	5.716	6.429	1396319	2178406	1.002	1.043
13) MA Dieldrin	5.850	6.583	1531092	2361250	1.028	1.076
14) MA Endrin	6.108	6.803	1259491	1912554	0.969	1.055
15) B Endosulfa...	6.381	7.011	1511075	3502721	1.096	1.754 #
16) A 4,4'-DDD	6.233	6.920	1077879	1715311	0.914	0.980
17) MA 4,4'-DDT	6.476	7.220	1195991	2069452	0.980	1.223
18) B Endrin al...	6.550	7.135	1313047	2007904	1.119	1.176
19) B Endosulfa...	6.763	7.358	1522261	2191940	1.148	1.171
20) A Methoxychlor	7.023	7.677	735178	1027407	1.133	1.046
21) B Endrin ke...	7.256	7.830	1658067	2262685	1.118	1.123m
22) Mirex	7.453	8.289	1985306	1956688	1.624	1.245

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051320\
Data File : PL058690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2020 17:19
Operator : AJ\MA
Sample : L2182-01
Misc : 1 PPB LOD
ALS Vial : 21 Sample Multiplier: 1

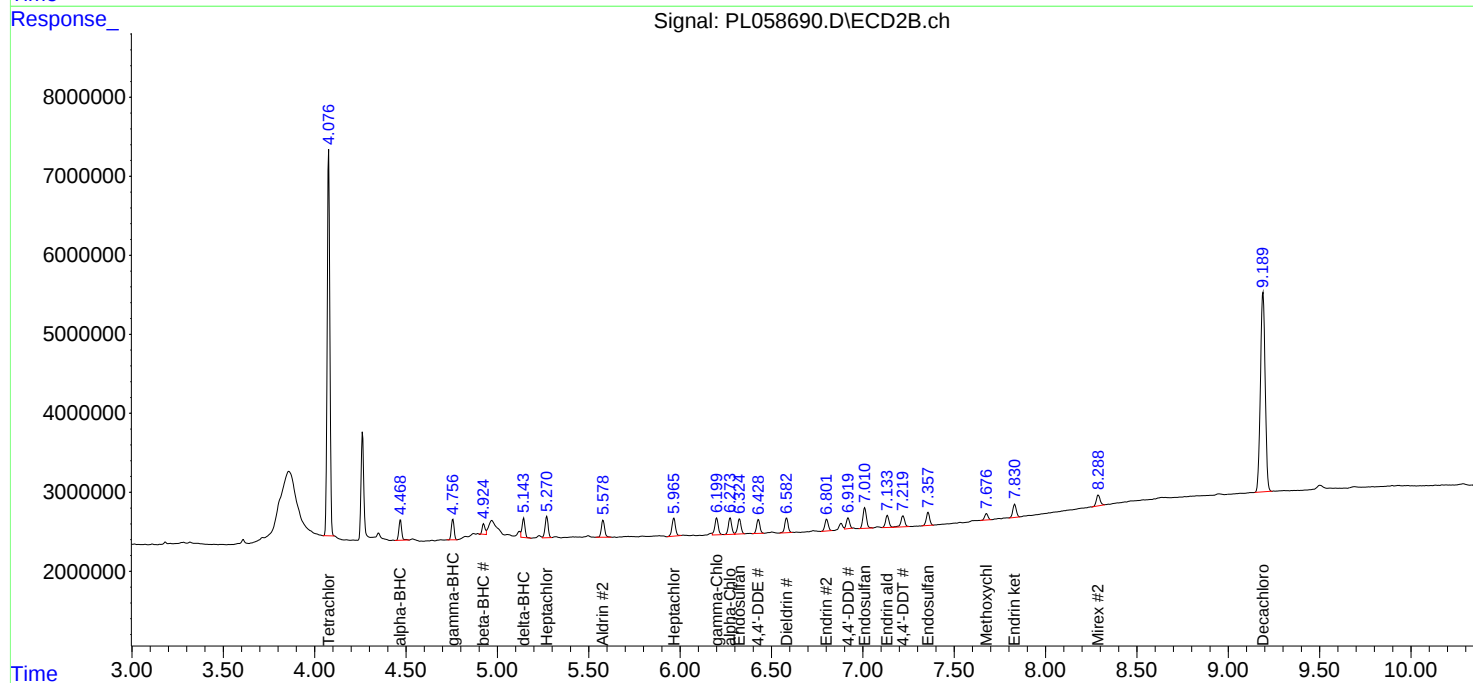
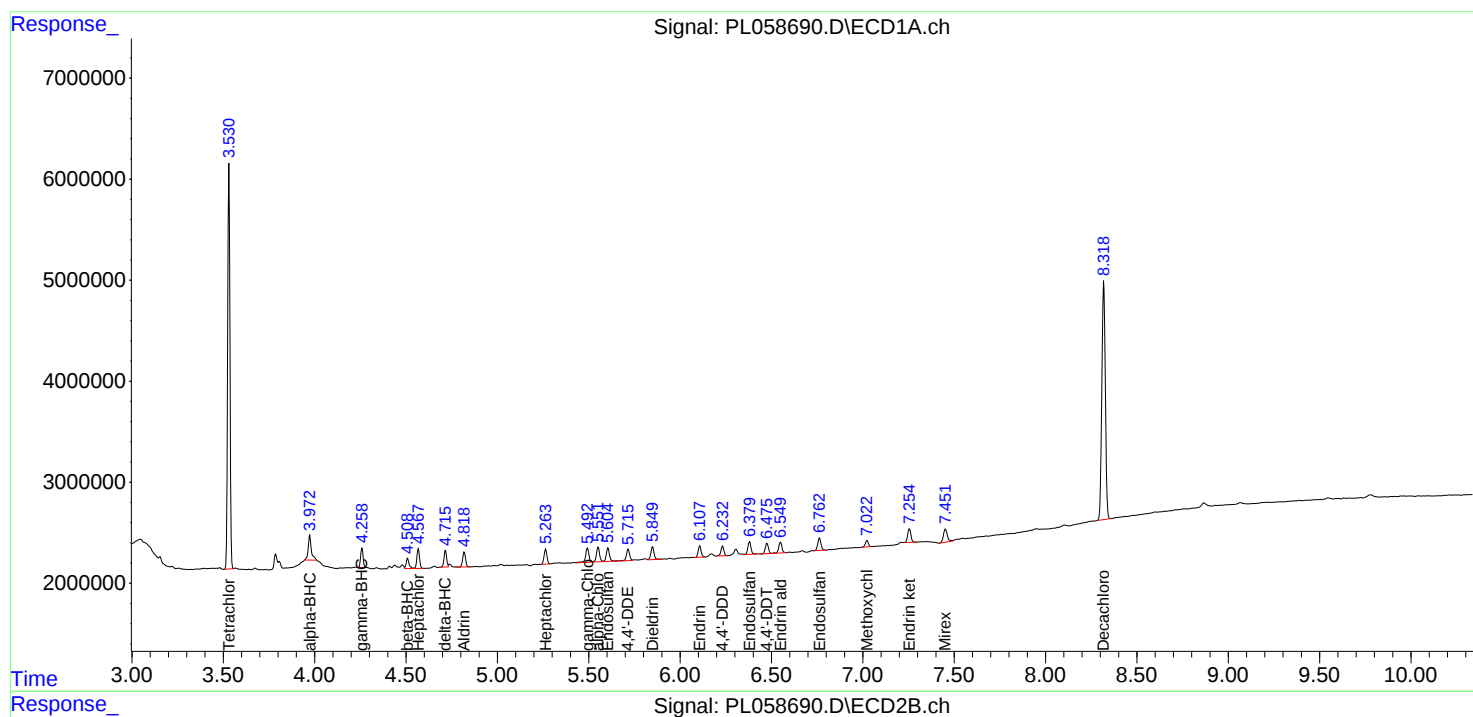
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

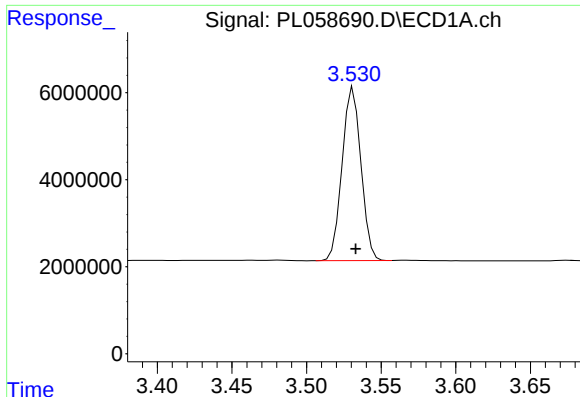
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 01:57:36 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051220.M
Quant Title : GC Extractables
QLast Update : Wed May 13 09:14:54 2020
Response 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





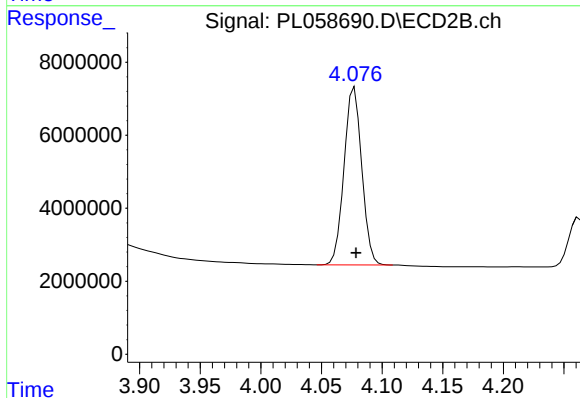
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.002 min
Response: 35093203
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

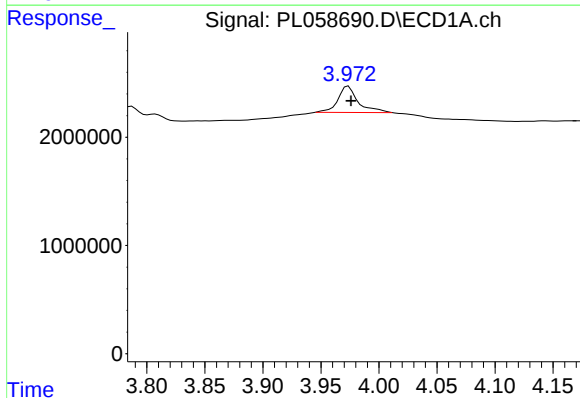
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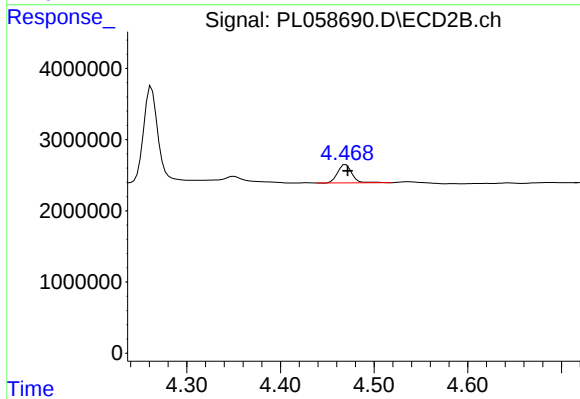
#1 Tetrachloro-m-xylene

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 49383506
Conc: 22.81 ng/ml



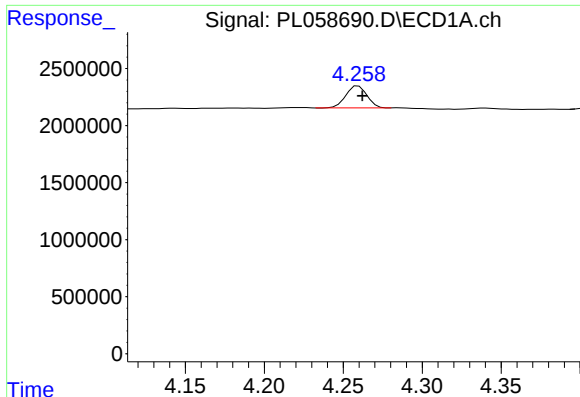
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 2957559
Conc: 1.28 ng/ml



#2 alpha-BHC

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 2726848
Conc: 0.89 ng/ml



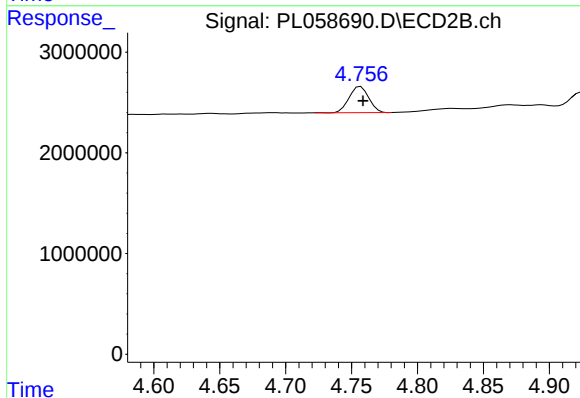
#3 gamma-BHC (Lindane)

R.T.: 4.260 min
Delta R.T.: -0.003 min
Response: 1807147
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

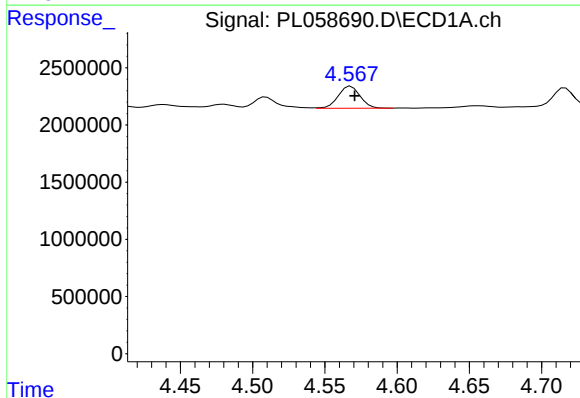
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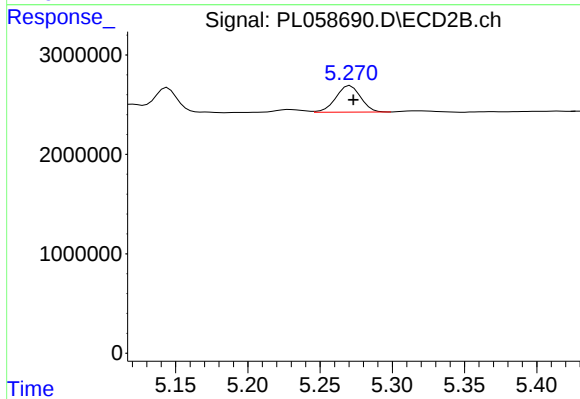
#3 gamma-BHC (Lindane)

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 2694290
Conc: 0.92 ng/ml



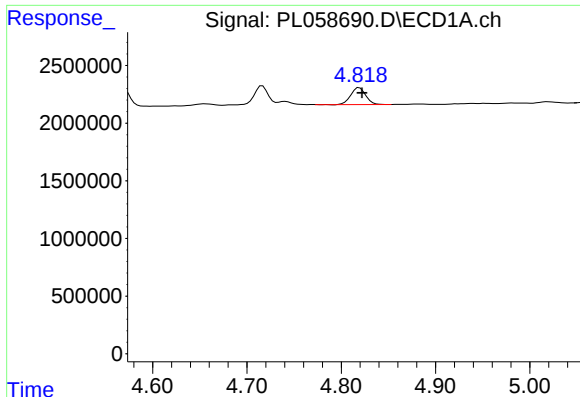
#4 Heptachlor

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 2022915
Conc: 1.07 ng/ml



#4 Heptachlor

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 3187676
Conc: 1.14 ng/ml



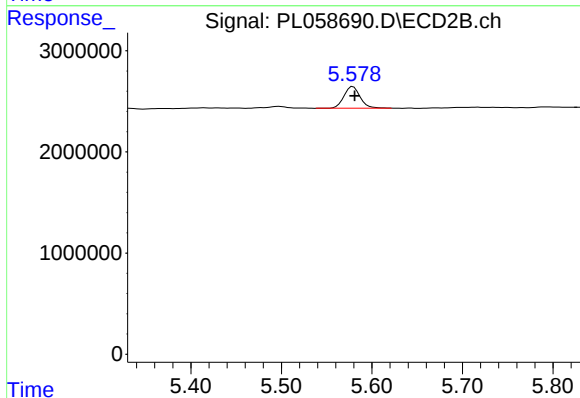
#5 Aldrin

R.T.: 4.819 min
Delta R.T.: -0.003 min
Response: 1627240
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

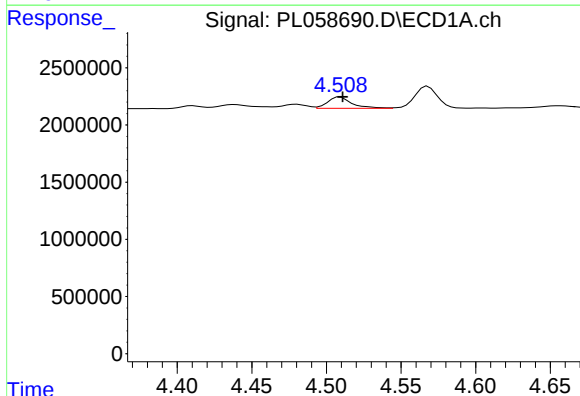
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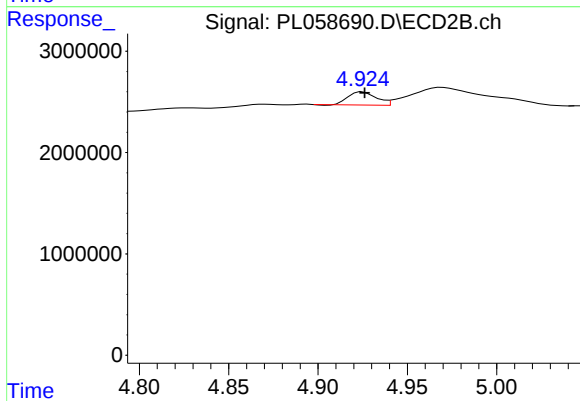
#5 Aldrin

R.T.: 5.579 min
Delta R.T.: -0.002 min
Response: 2677936
Conc: 1.08 ng/ml



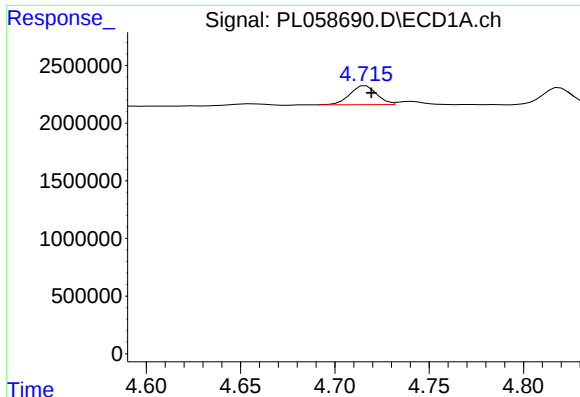
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 1130424
Conc: 1.28 ng/ml



#6 beta-BHC

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 1399659
Conc: 1.06 ng/ml



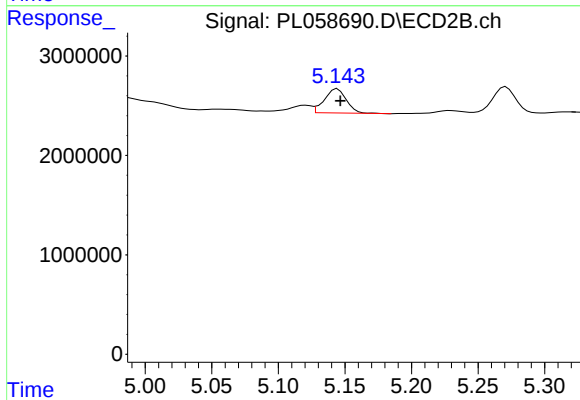
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 1646778
Conc: 0.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

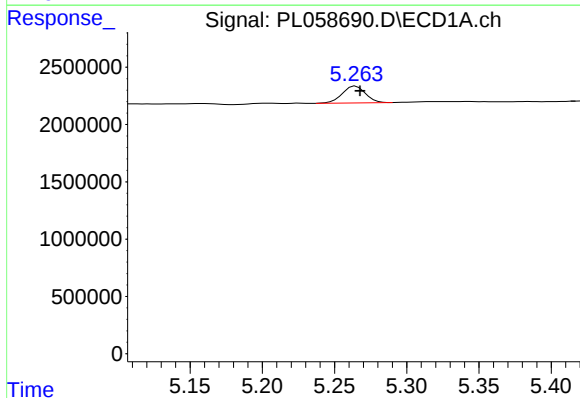
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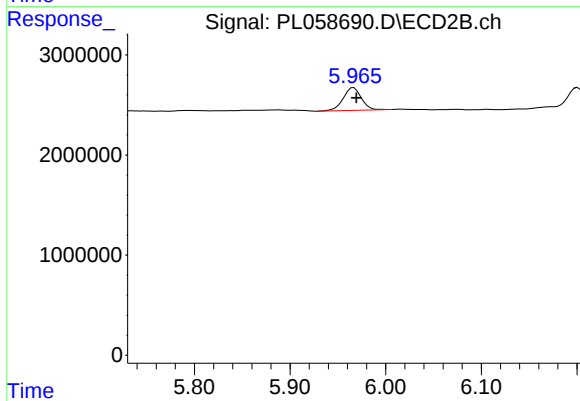
#7 delta-BHC

R.T.: 5.144 min
Delta R.T.: -0.002 min
Response: 2790314
Conc: 0.98 ng/ml



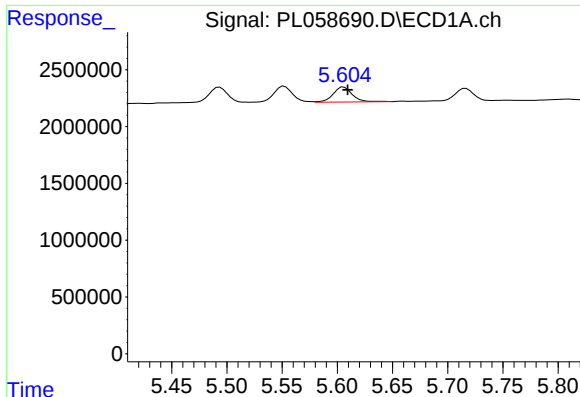
#8 Heptachlor epoxide

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 1643751
Conc: 1.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 3013819
Conc: 1.26 ng/ml



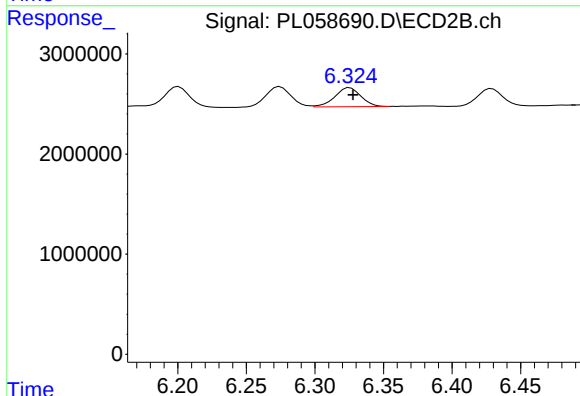
#9 Endosulfan I

R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 1629752
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

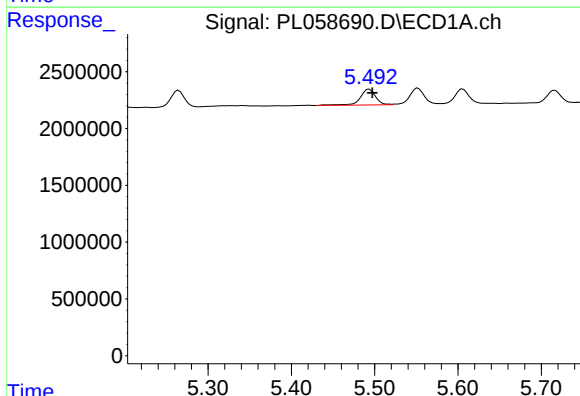
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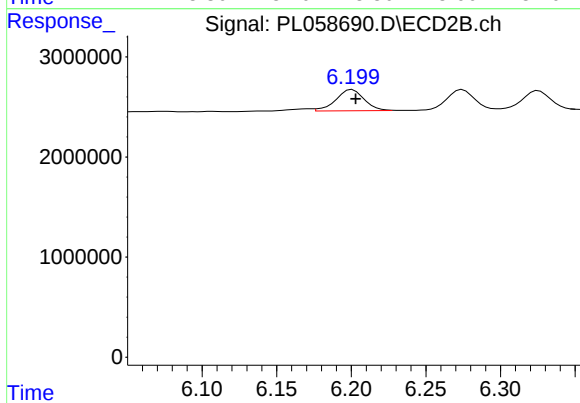
#9 Endosulfan I

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 2491059
Conc: 1.16 ng/ml



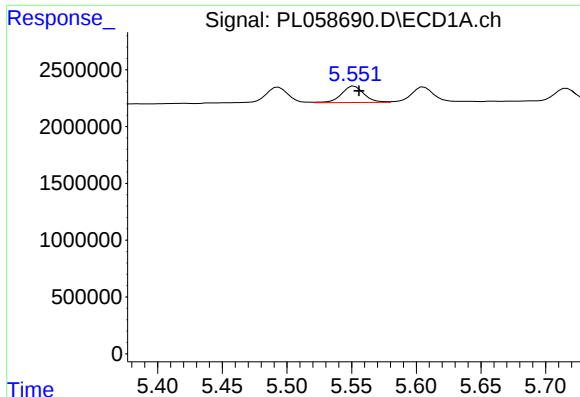
#10 gamma-Chlordane

R.T.: 5.494 min
Delta R.T.: -0.004 min
Response: 1818536
Conc: 1.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 2805836
Conc: 1.19 ng/ml m



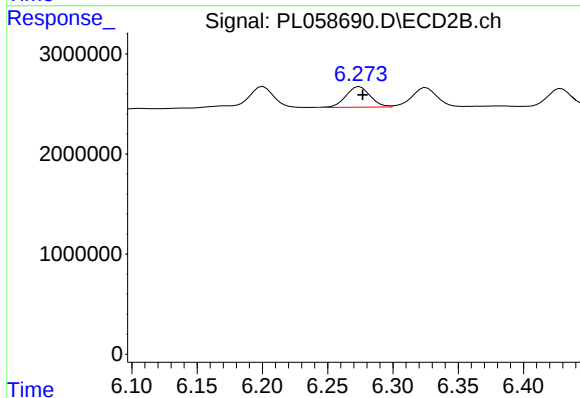
#11 alpha-Chlordane

R.T.: 5.552 min
Delta R.T.: -0.004 min
Response: 1760450
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

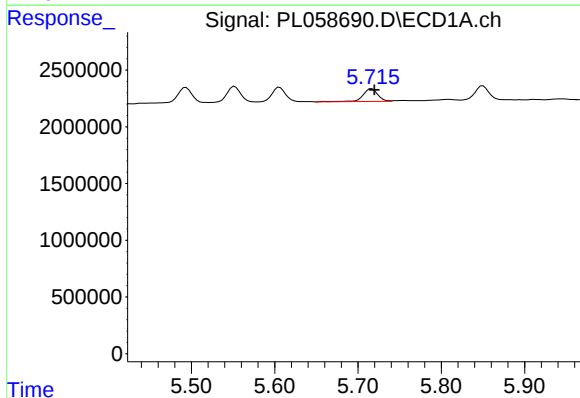
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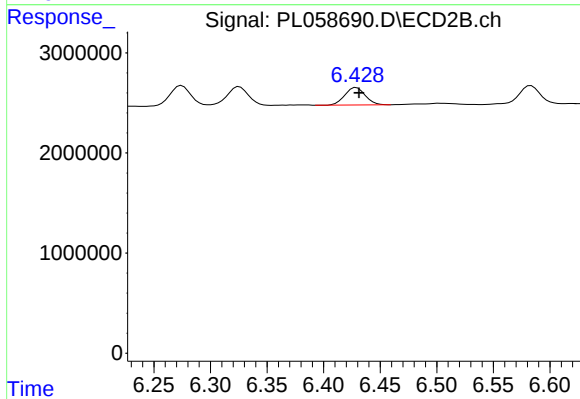
#11 alpha-Chlordane

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 2659319
Conc: 1.13 ng/ml



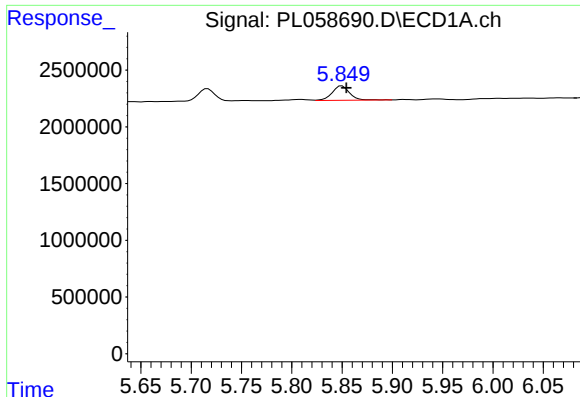
#12 4,4'-DDE

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 1396319
Conc: 1.00 ng/ml



#12 4,4'-DDE

R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 2178406
Conc: 1.04 ng/ml



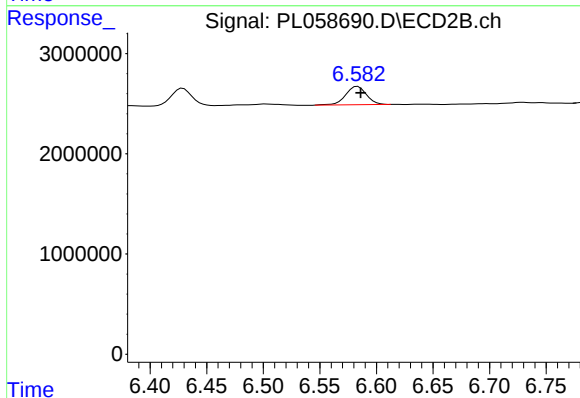
#13 Dieldrin

R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 1531092
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

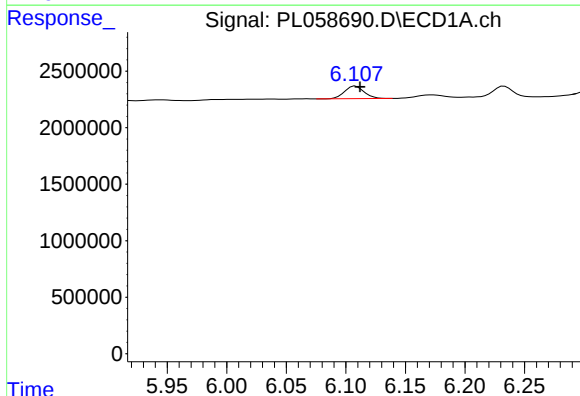
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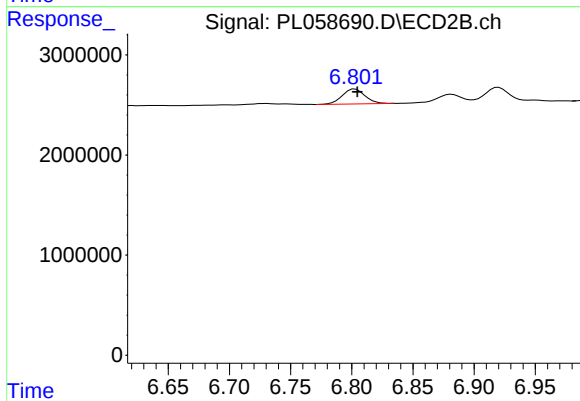
#13 Dieldrin

R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 2361250
Conc: 1.08 ng/ml



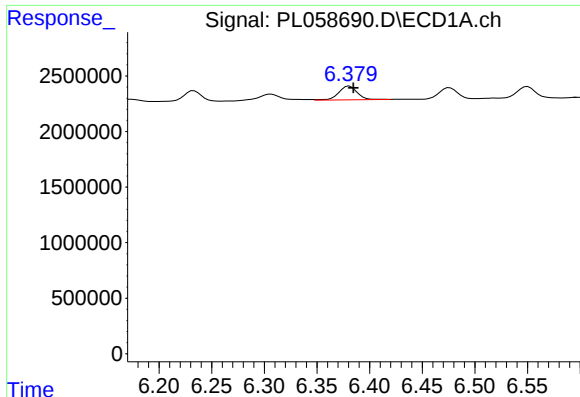
#14 Endrin

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 1259491
Conc: 0.97 ng/ml



#14 Endrin

R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 1912554
Conc: 1.05 ng/ml



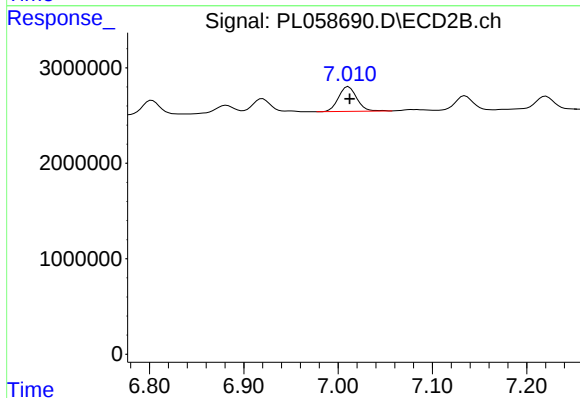
#15 Endosulfan II

R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 1511075
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

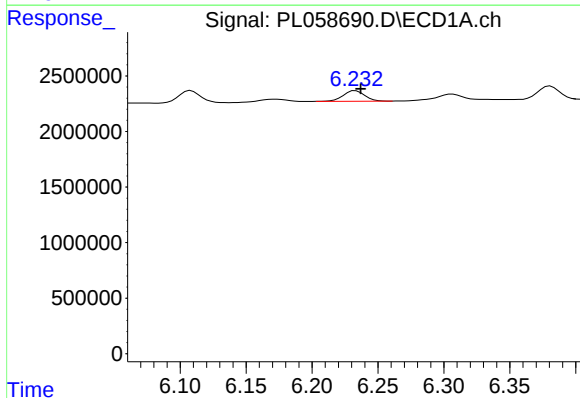
Manual Integrations
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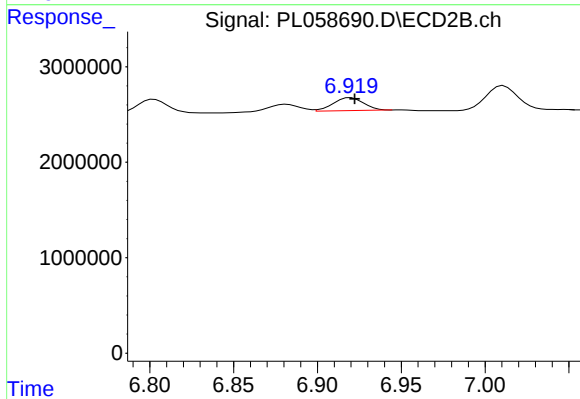
#15 Endosulfan II

R.T.: 7.011 min
Delta R.T.: -0.001 min
Response: 3502721
Conc: 1.75 ng/ml



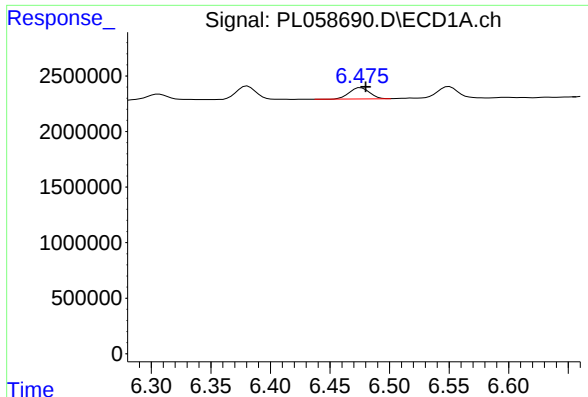
#16 4,4'-DDD

R.T.: 6.233 min
Delta R.T.: -0.004 min
Response: 1077879
Conc: 0.91 ng/ml



#16 4,4'-DDD

R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 1715311
Conc: 0.98 ng/ml



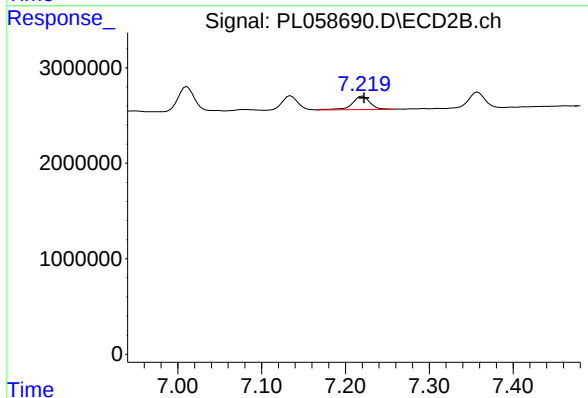
#17 4,4'-DDT

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 1195991
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

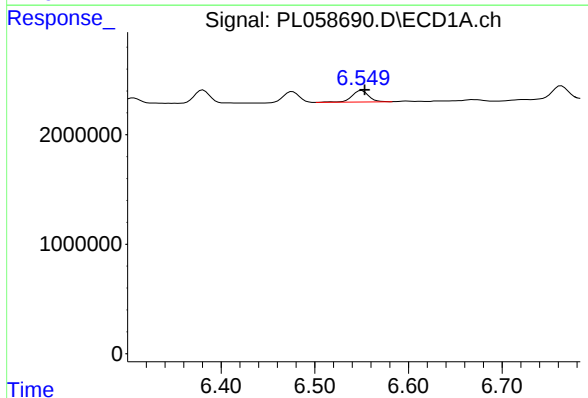
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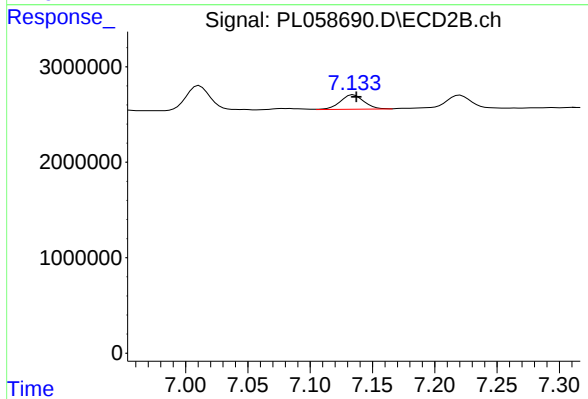
#17 4,4'-DDT

R.T.: 7.220 min
Delta R.T.: -0.002 min
Response: 2069452
Conc: 1.22 ng/ml



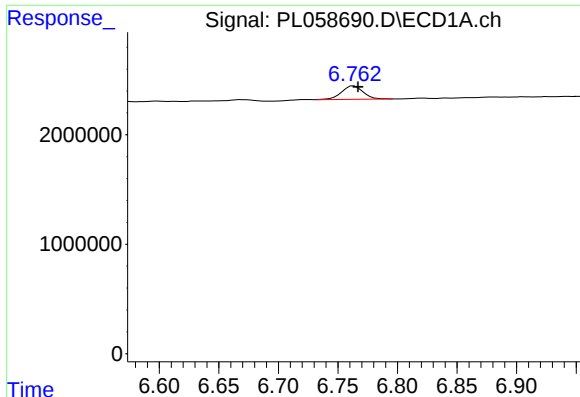
#18 Endrin aldehyde

R.T.: 6.550 min
Delta R.T.: -0.003 min
Response: 1313047
Conc: 1.12 ng/ml



#18 Endrin aldehyde

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 2007904
Conc: 1.18 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 1522261
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

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#19 Endosulfan Sulfate

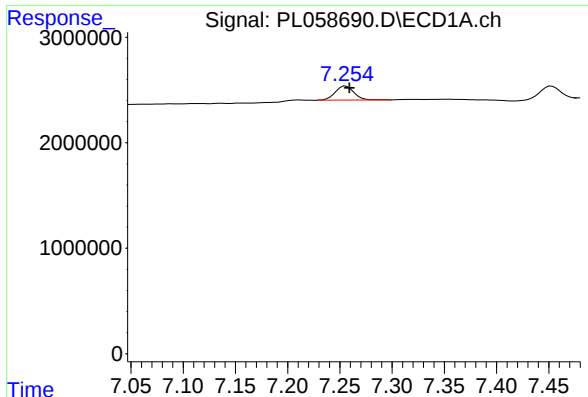
R.T.: 7.358 min
Delta R.T.: -0.002 min
Response: 2191940
Conc: 1.17 ng/ml

#20 Methoxychlor

R.T.: 7.023 min
Delta R.T.: -0.004 min
Response: 735178
Conc: 1.13 ng/ml

#20 Methoxychlor

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 1027407
Conc: 1.05 ng/ml



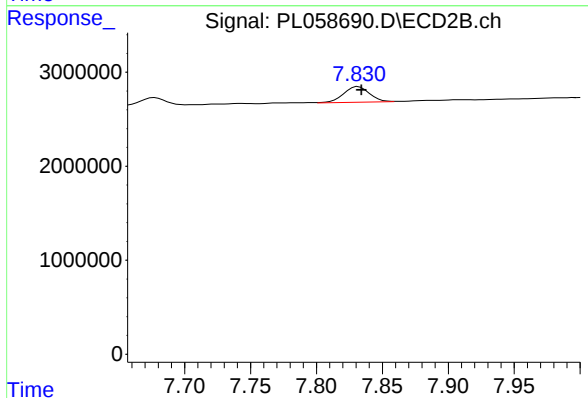
#21 Endrin ketone

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 1658067
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

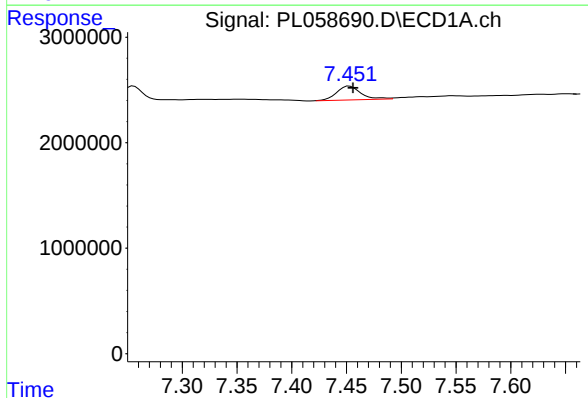
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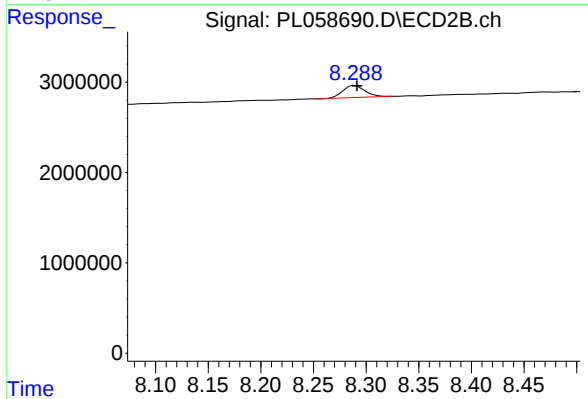
#21 Endrin ketone

R.T.: 7.830 min
Delta R.T.: -0.004 min
Response: 2262685
Conc: 1.12 ng/ml m



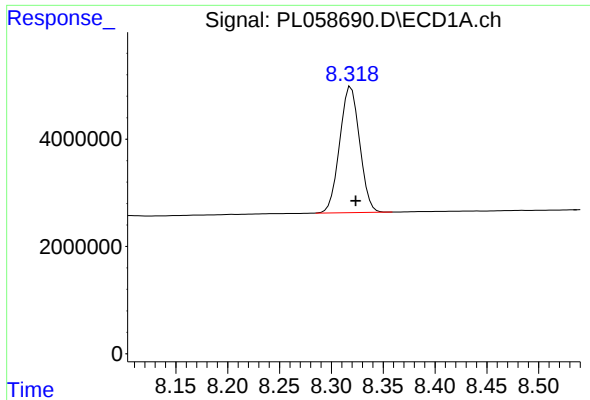
#22 Mirex

R.T.: 7.453 min
Delta R.T.: -0.004 min
Response: 1985306
Conc: 1.62 ng/ml



#22 Mirex

R.T.: 8.289 min
Delta R.T.: -0.002 min
Response: 1956688
Conc: 1.25 ng/ml



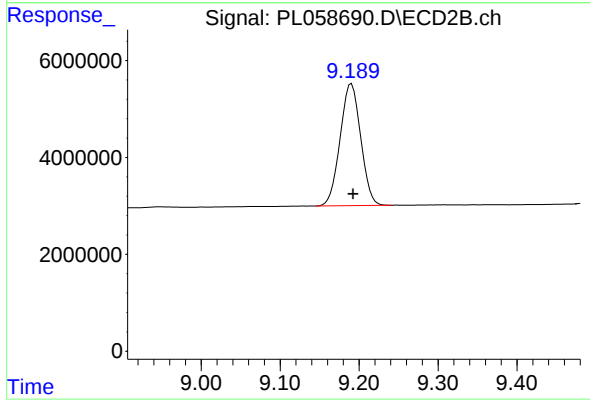
#28 Decachlorobiphenyl

R.T.: 8.319 min
Delta R.T.: -0.004 min
Response: 31514790
Conc: 24.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
APPROVED

mohammad
5/14/2020 3:32:58 PM



#28 Decachlorobiphenyl

R.T.: 9.190 min
Delta R.T.: -0.002 min
Response: 45655007
Conc: 25.83 ng/ml