

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051420\
 Data File : PL058706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2020 11:02
 Operator : AJ\MA
 Sample : L2182-01
 Misc : 1 PPB MDL
 ALS Vial : 9 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 23:50:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051220.M
 Quant Title : GC Extractables
 QLast Update : Thu May 14 06:40:09 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...	3.535	4.077	36317409	50552639	22.106	23.354
28)	SA Decachlor...	8.322	9.194	32590246	45794852	24.959	25.913
Target Compounds							
2)	A alpha-BHC	3.978	4.470	2749348	2822914	1.194	0.922
3)	MA gamma-BHC...	4.264	4.758	2038314	2873541	0.994	0.980
4)	MA Heptachlor	4.573	5.272	2110125	3158866	1.117	1.127
5)	MB Aldrin	4.824	5.580	1748469	2980210	1.050	1.197
6)	B beta-BHC	4.512	4.929	1004078	2990387	1.133m	2.255 #
7)	B delta-BHC	4.720	5.145	1776226	2684512	0.955m	0.946
8)	B Heptachlo...	5.269	5.968	1740133	3448155	1.107	1.436 #
9)	A Endosulfan I	5.611	6.327	1611187	2546844	1.112	1.183
10)	B gamma-Chl...	5.497	6.203	1677698	2920143	1.080m	1.243
11)	B alpha-Chl...	5.557	6.276	1824987	2737216	1.172	1.168
12)	B 4,4'-DDE	5.719	6.429	1328727	2245078	0.953m	1.075m
13)	MA Dieldrin	5.855	6.585	1587824	2532986	1.066	1.154
14)	MA Endrin	6.113	6.805	1389675	2182611	1.070	1.204
15)	B Endosulfa...	6.386	7.012	1480575	4580166	1.074	2.293 #
16)	A 4,4'-DDD	6.237	6.921	1138887	2530881	0.966	1.446 #
17)	MA 4,4'-DDT	6.481	7.222	1115482	2025667	0.914	1.197 #
18)	B Endrin al...	6.554	7.137	1206373	2202347	1.028	1.290 #
19)	B Endosulfa...	6.767	7.360	1445000	2185682	1.090	1.168
20)	A Methoxychlor	7.028	7.679	702828	1098998	1.083	1.119
21)	B Endrin ke...	7.259	7.832	1705681	2342527	1.150	1.163m
22)	Mirex	7.454	8.292	1930424	2022511	1.579m	1.287

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051420\
Data File : PL058706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2020 11:02
Operator : AJ\MA
Sample : L2182-01
Misc : 1 PPB MDL
ALS Vial : 9 Sample Multiplier: 1

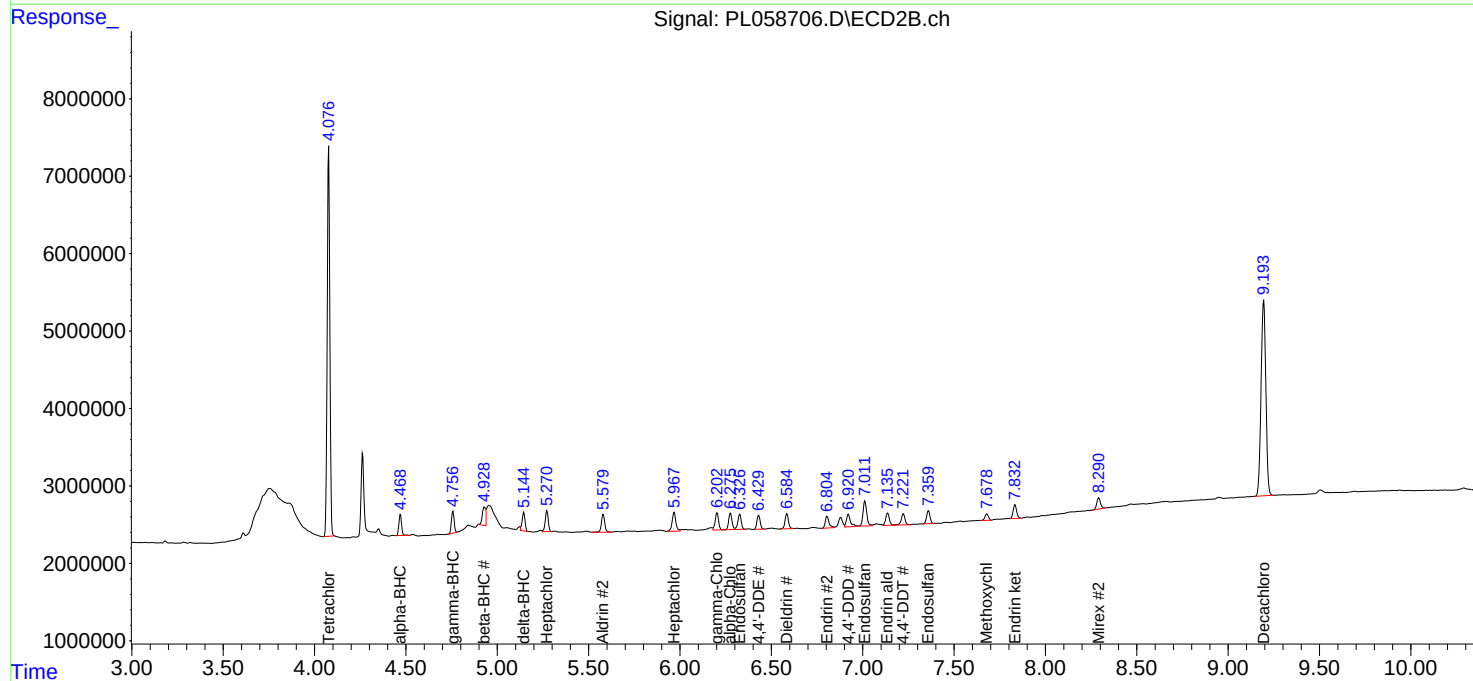
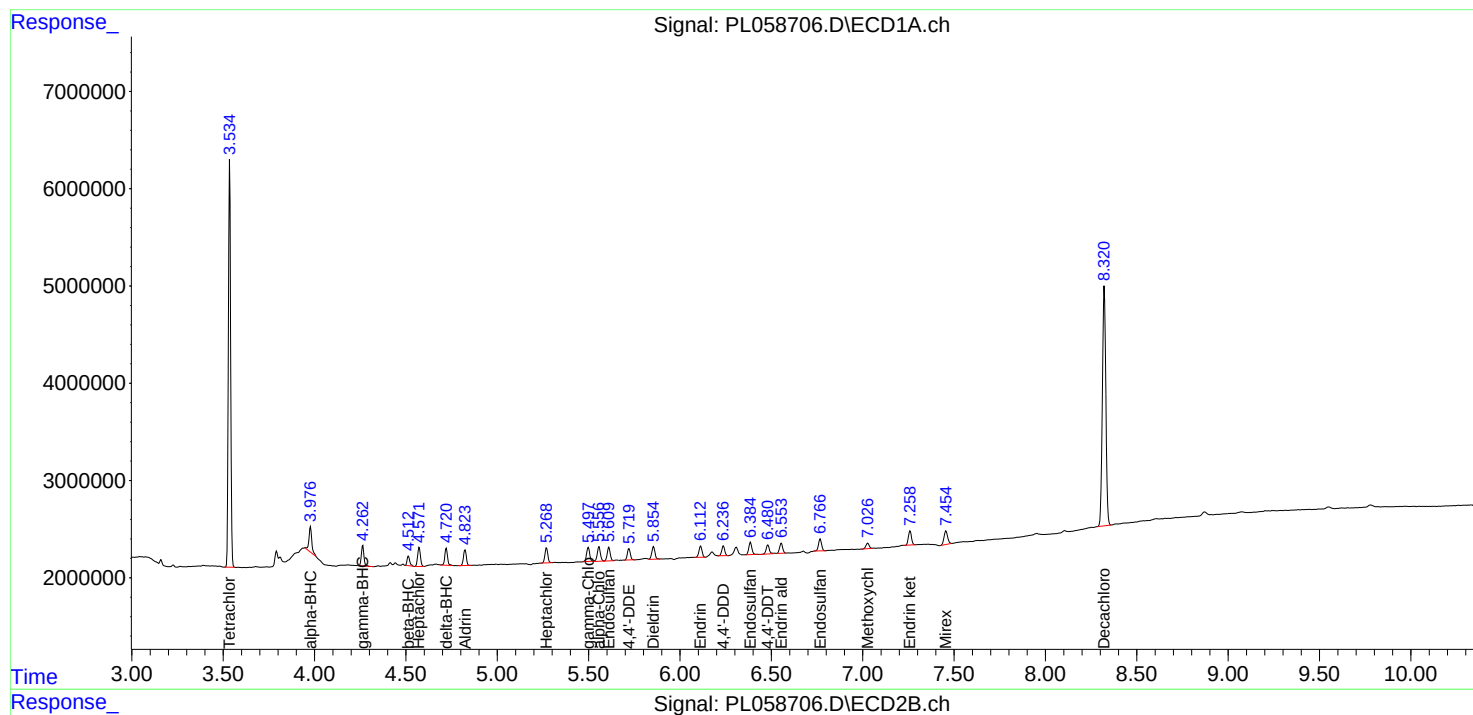
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

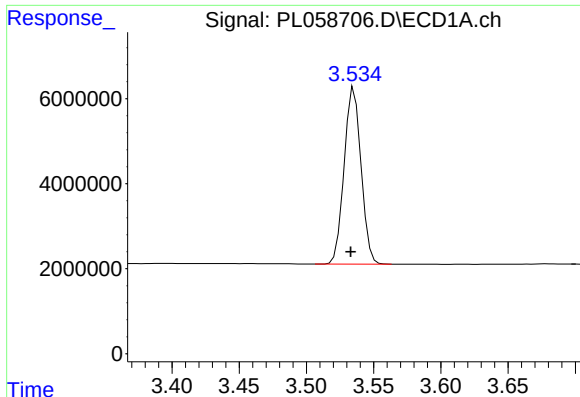
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 23:50:22 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051220.M
Quant Title : GC Extractables
QLast Update : Thu May 14 06:40:09 2020
Response 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





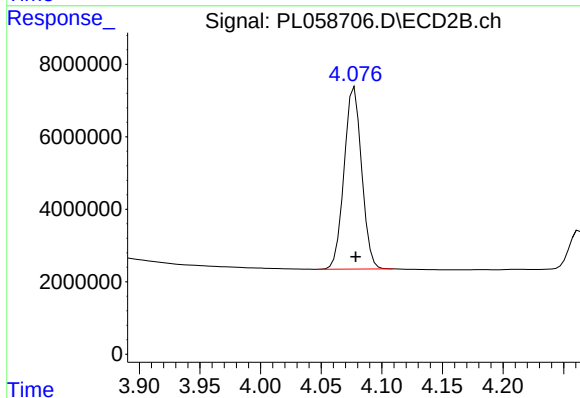
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.002 min
Response: 36317409
Conc: 22.11 ng/ml

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

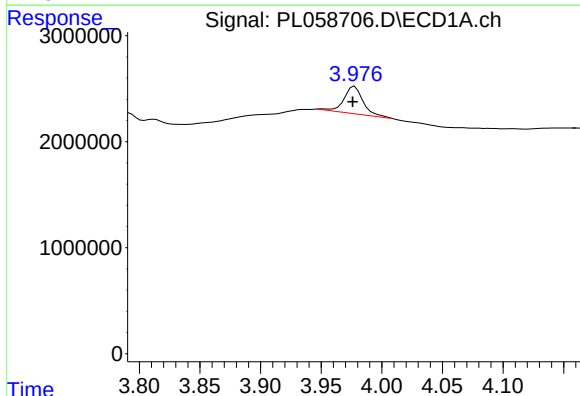
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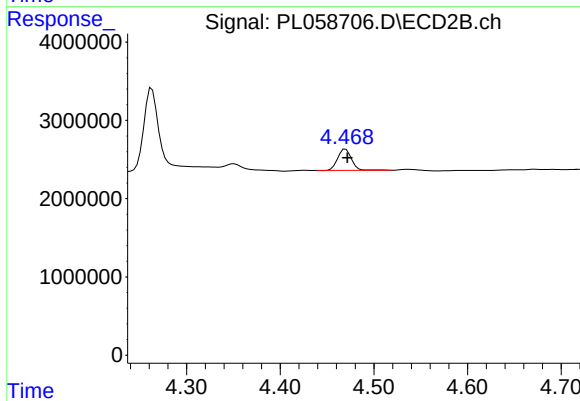
#1 Tetrachloro-m-xylene

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 50552639
Conc: 23.35 ng/ml



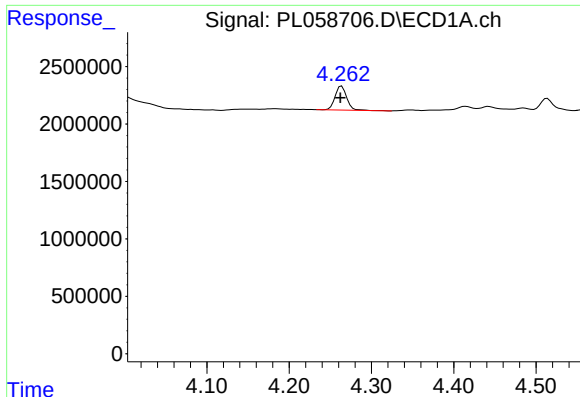
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.002 min
Response: 2749348
Conc: 1.19 ng/ml



#2 alpha-BHC

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 2822914
Conc: 0.92 ng/ml



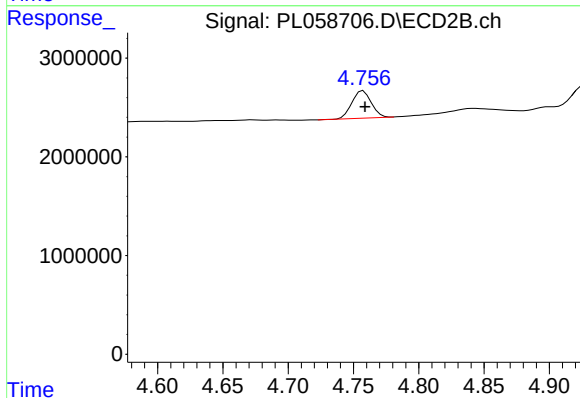
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: 0.002 min
Response: 2038314
Conc: 0.99 ng/ml

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

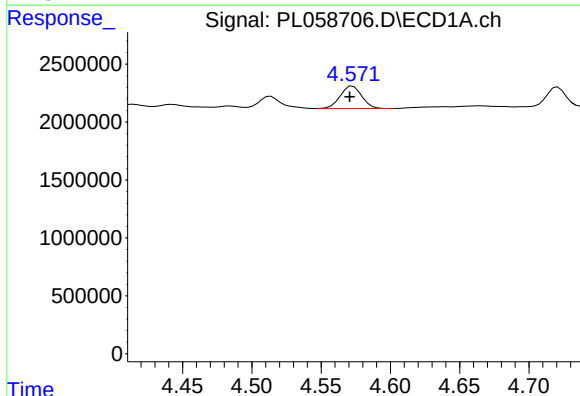
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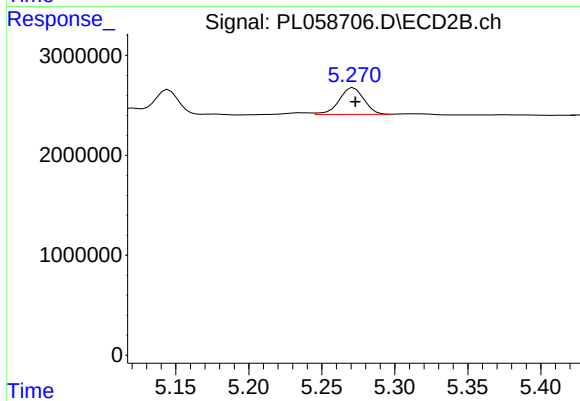
#3 gamma-BHC (Lindane)

R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 2873541
Conc: 0.98 ng/ml



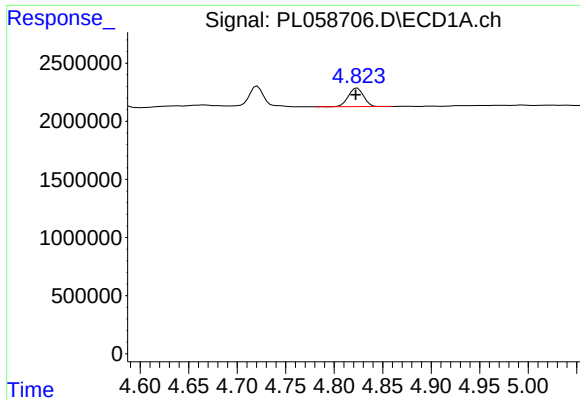
#4 Heptachlor

R.T.: 4.573 min
Delta R.T.: 0.002 min
Response: 2110125
Conc: 1.12 ng/ml



#4 Heptachlor

R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 3158866
Conc: 1.13 ng/ml



#5 Aldrin

R.T.: 4.824 min

Delta R.T.: 0.002 min

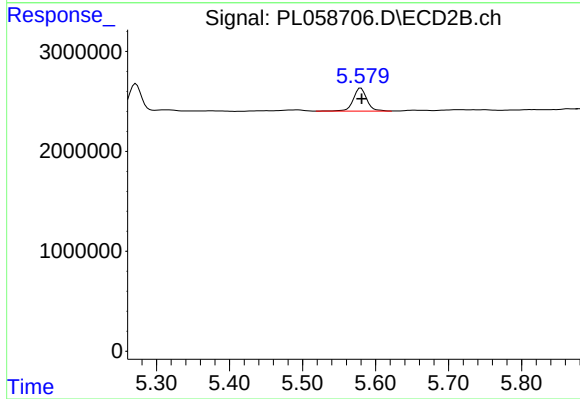
Response: 1748469

Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
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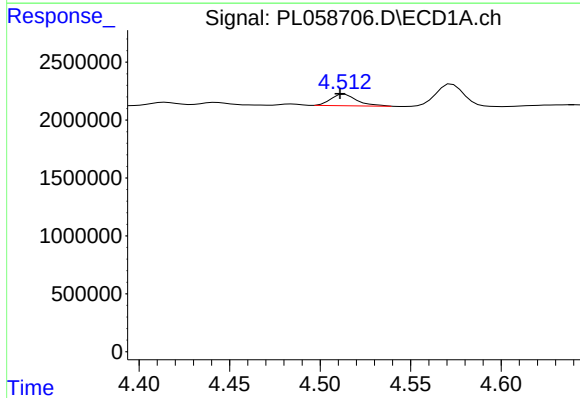
#5 Aldrin

R.T.: 5.580 min

Delta R.T.: -0.001 min

Response: 2980210

Conc: 1.20 ng/ml



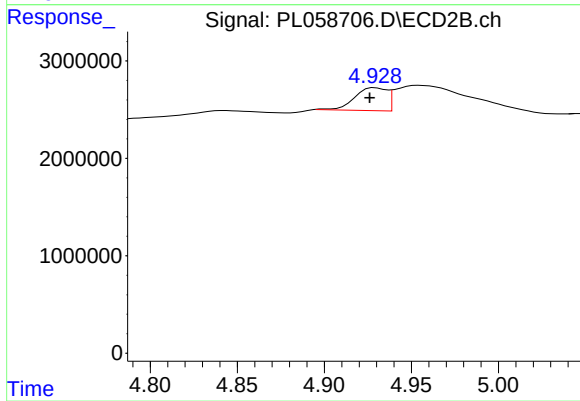
#6 beta-BHC

R.T.: 4.512 min

Delta R.T.: 0.001 min

Response: 1004078

Conc: 1.13 ng/ml m



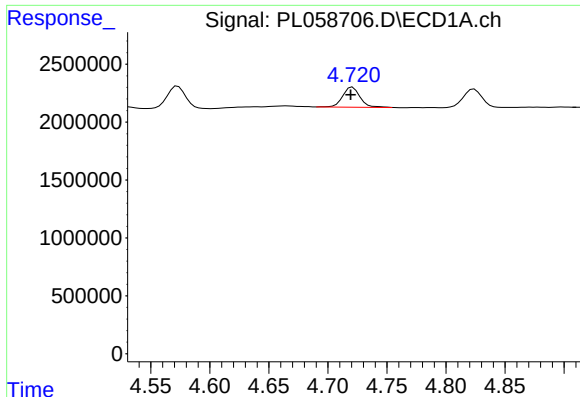
#6 beta-BHC

R.T.: 4.929 min

Delta R.T.: 0.003 min

Response: 2990387

Conc: 2.25 ng/ml



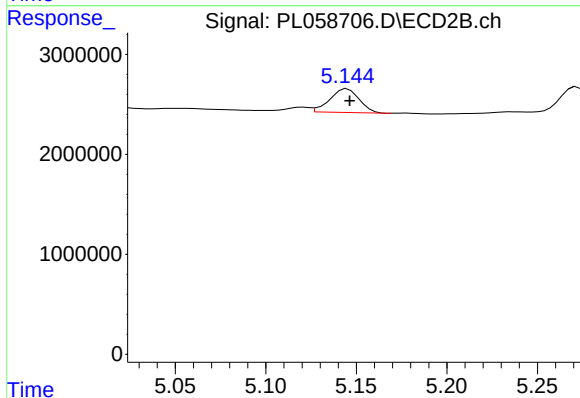
#7 delta-BHC

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 1776226
Conc: 0.96 ng/ml m

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

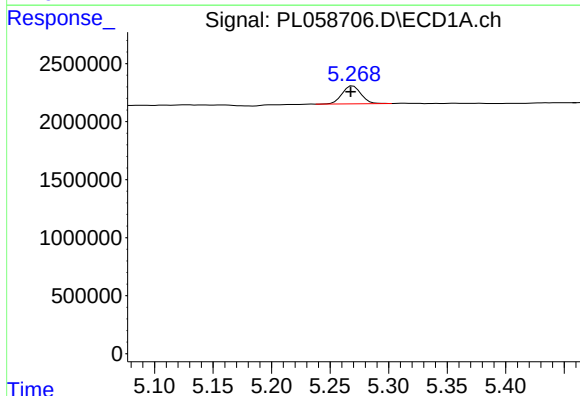
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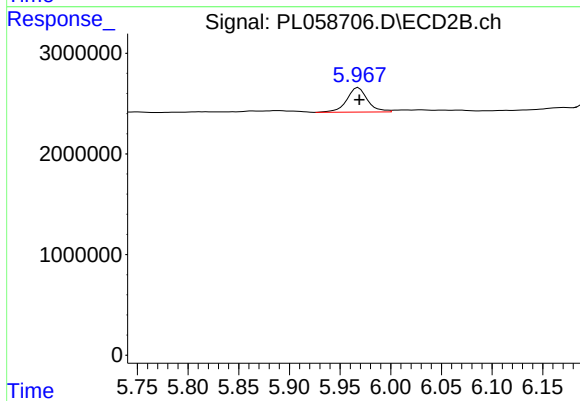
#7 delta-BHC

R.T.: 5.145 min
Delta R.T.: -0.001 min
Response: 2684512
Conc: 0.95 ng/ml



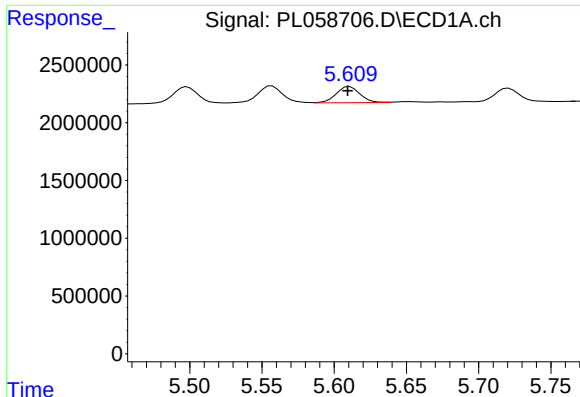
#8 Heptachlor epoxide

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 1740133
Conc: 1.11 ng/ml



#8 Heptachlor epoxide

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 3448155
Conc: 1.44 ng/ml



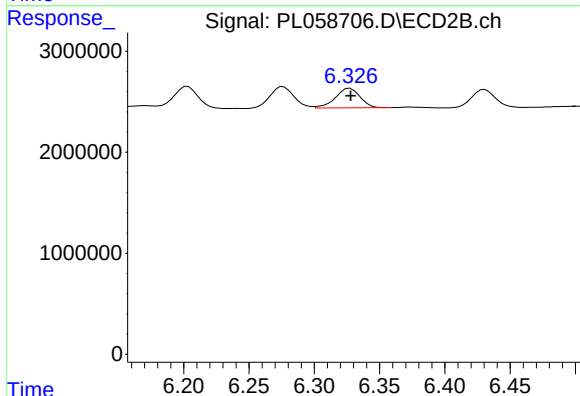
#9 Endosulfan I

R.T.: 5.611 min
Delta R.T.: 0.001 min
Response: 1611187
Conc: 1.11 ng/ml

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

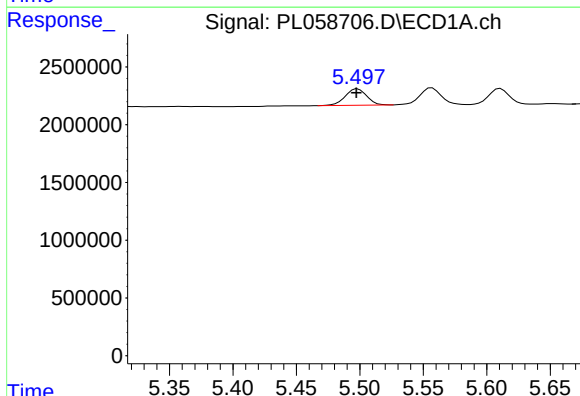
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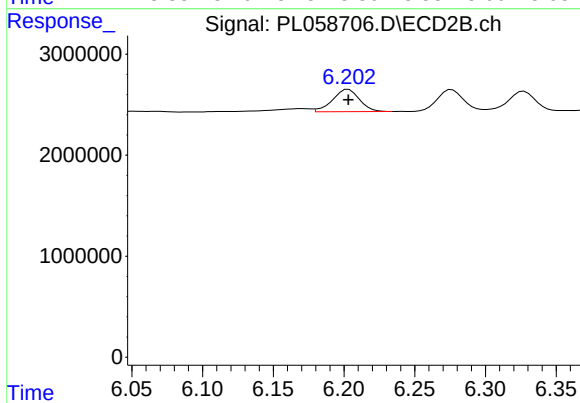
#9 Endosulfan I

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 2546844
Conc: 1.18 ng/ml



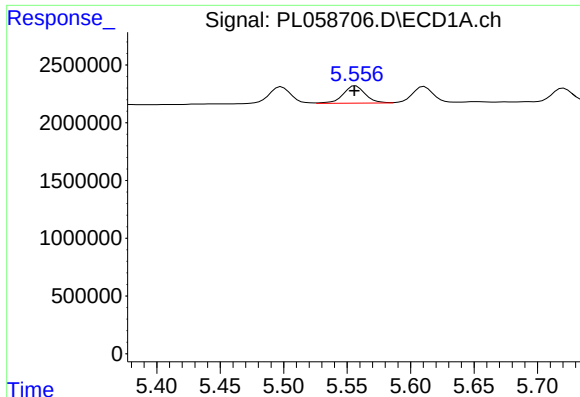
#10 gamma-Chlordane

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 1677698
Conc: 1.08 ng/ml m



#10 gamma-Chlordane

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 2920143
Conc: 1.24 ng/ml



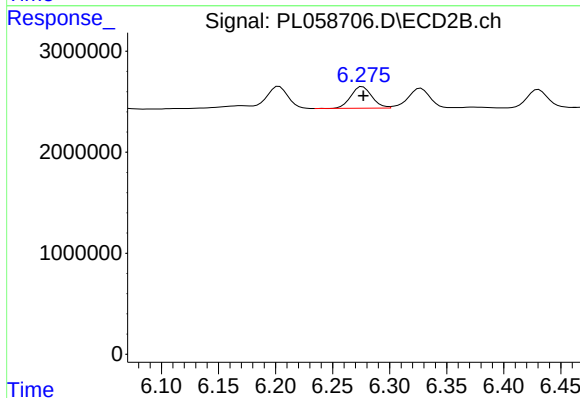
#11 alpha-Chlordane

R.T.: 5.557 min
Delta R.T.: 0.001 min
Response: 1824987
Conc: 1.17 ng/ml

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

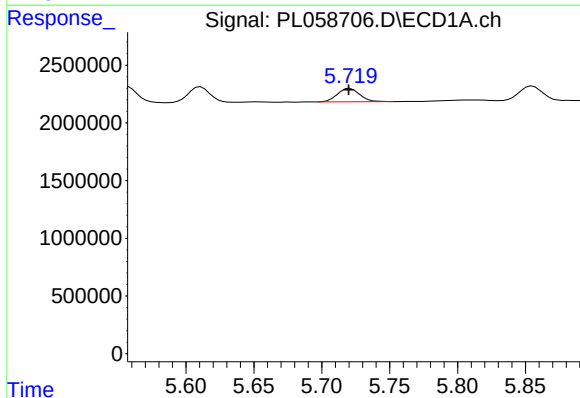
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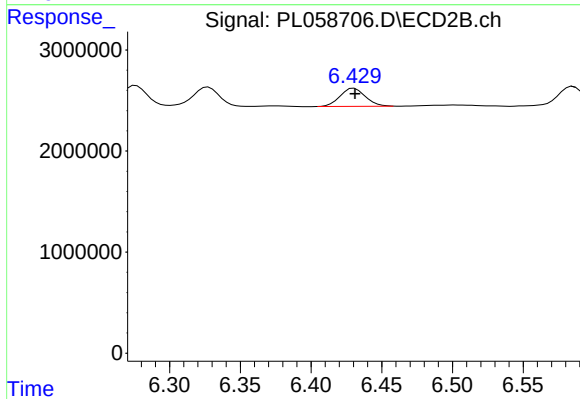
#11 alpha-Chlordane

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 2737216
Conc: 1.17 ng/ml



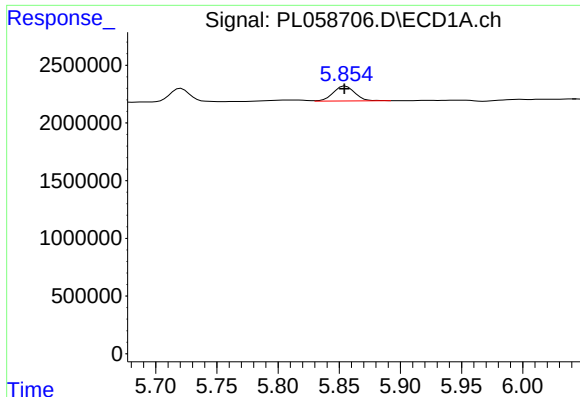
#12 4,4'-DDE

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1328727
Conc: 0.95 ng/ml m



#12 4,4'-DDE

R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 2245078
Conc: 1.08 ng/ml m



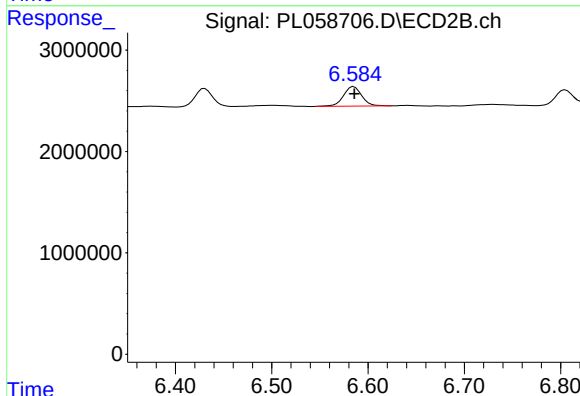
#13 Dieldrin

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 1587824
Conc: 1.07 ng/ml

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

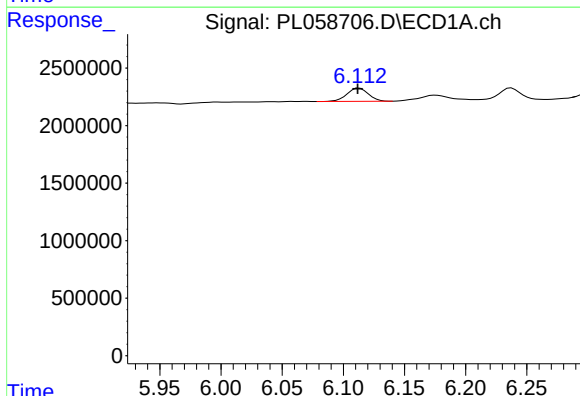
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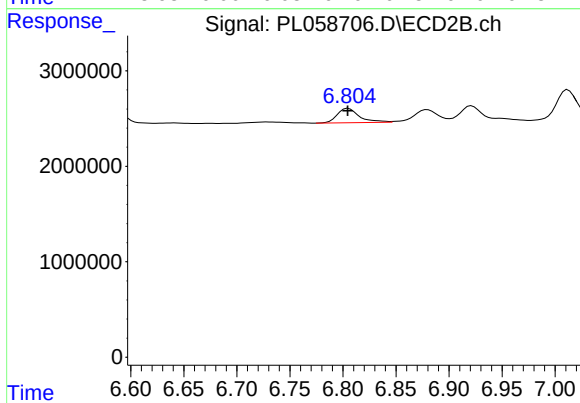
#13 Dieldrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 2532986
Conc: 1.15 ng/ml



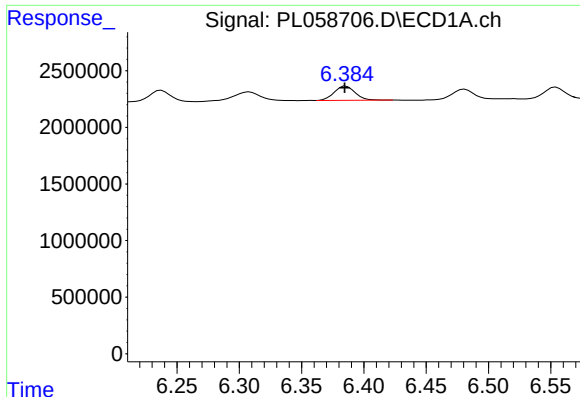
#14 Endrin

R.T.: 6.113 min
Delta R.T.: 0.001 min
Response: 1389675
Conc: 1.07 ng/ml



#14 Endrin

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 2182611
Conc: 1.20 ng/ml



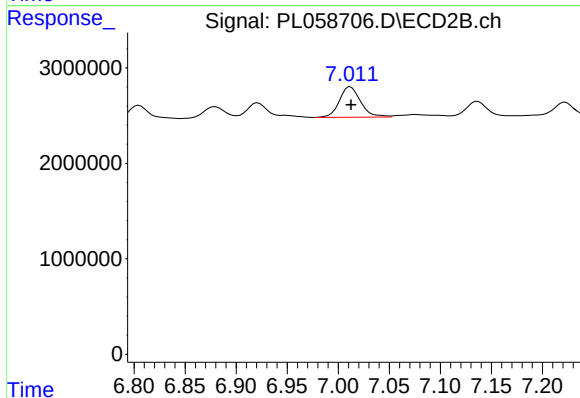
#15 Endosulfan II

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 1480575
Conc: 1.07 ng/ml

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

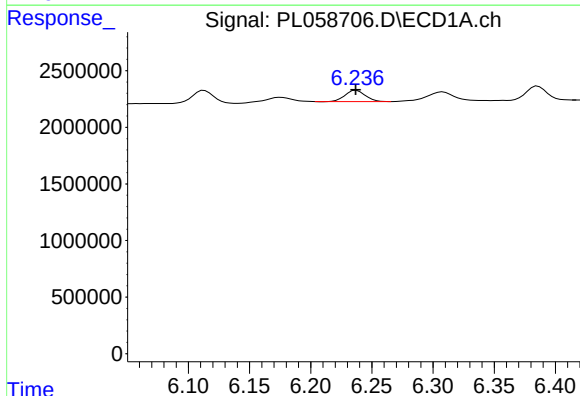
Manual Integrations
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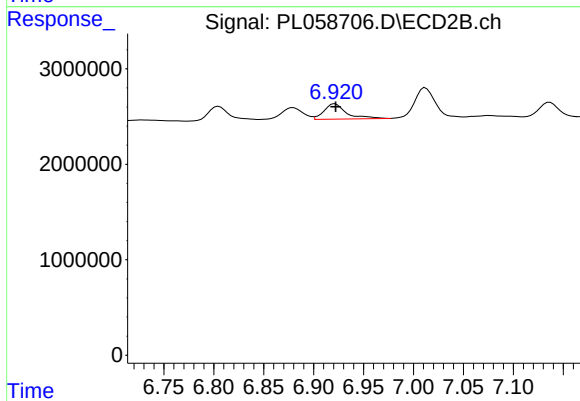
#15 Endosulfan II

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 4580166
Conc: 2.29 ng/ml



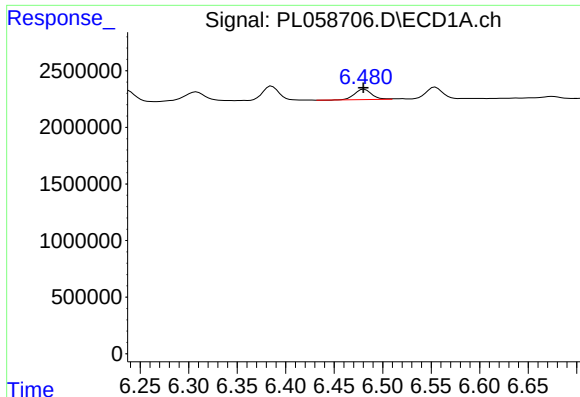
#16 4,4'-DDD

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 1138887
Conc: 0.97 ng/ml



#16 4,4'-DDD

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 2530881
Conc: 1.45 ng/ml



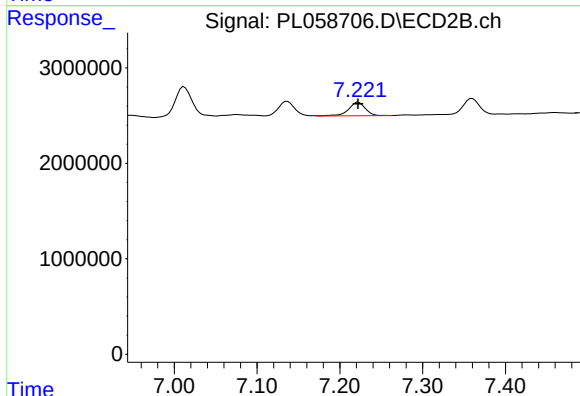
#17 4,4'-DDT

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 1115482
Conc: 0.91 ng/ml

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

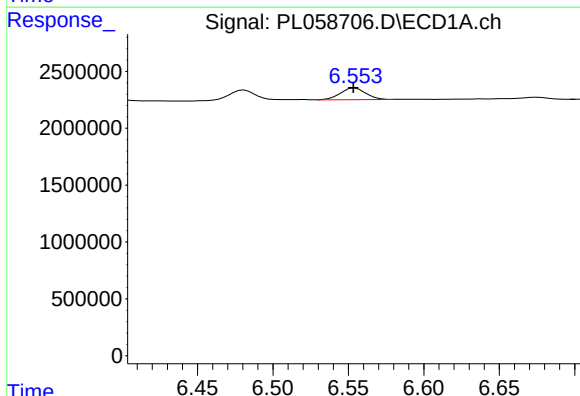
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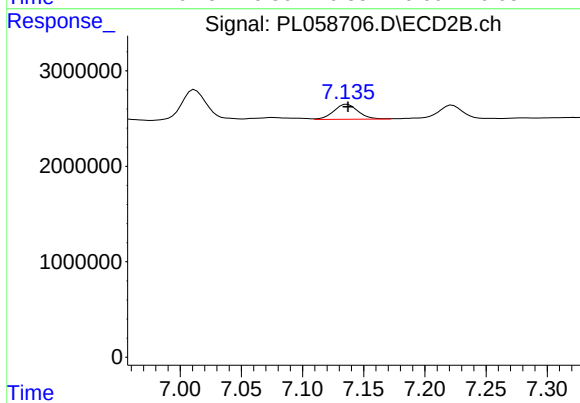
#17 4,4'-DDT

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 2025667
Conc: 1.20 ng/ml



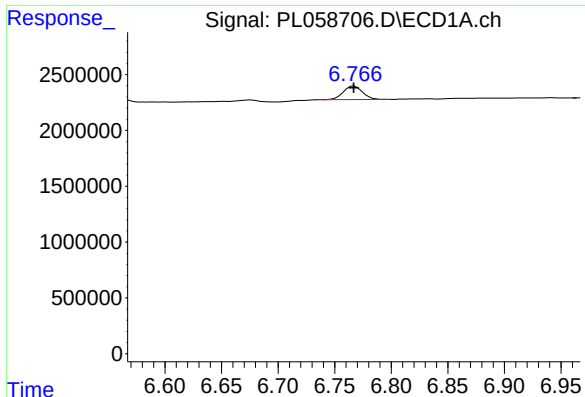
#18 Endrin aldehyde

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1206373
Conc: 1.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 2202347
Conc: 1.29 ng/ml



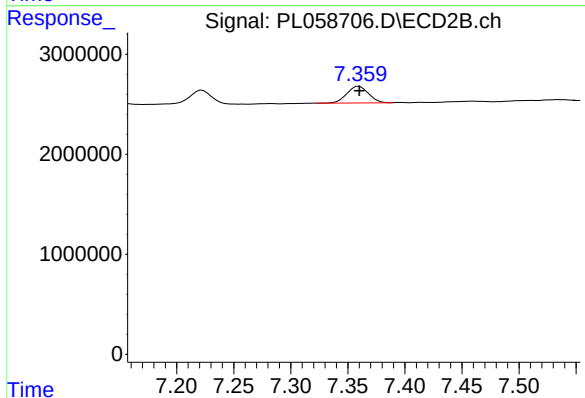
#19 Endosulfan Sulfate

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1445000
Conc: 1.09 ng/ml

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

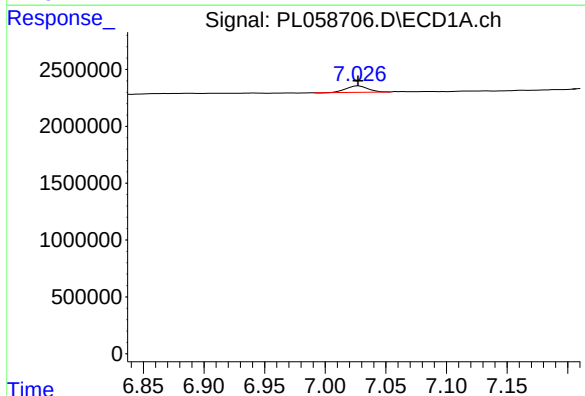
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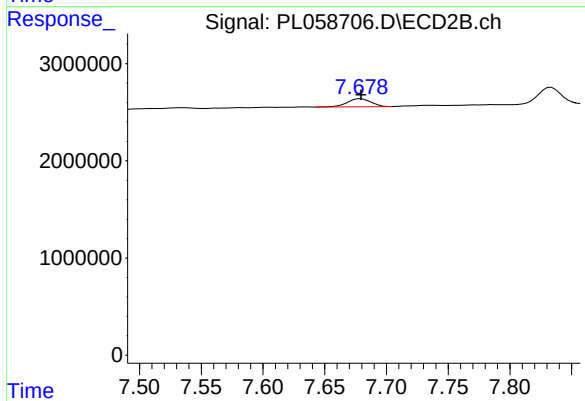
#19 Endosulfan Sulfate

R.T.: 7.360 min
Delta R.T.: 0.000 min
Response: 2185682
Conc: 1.17 ng/ml



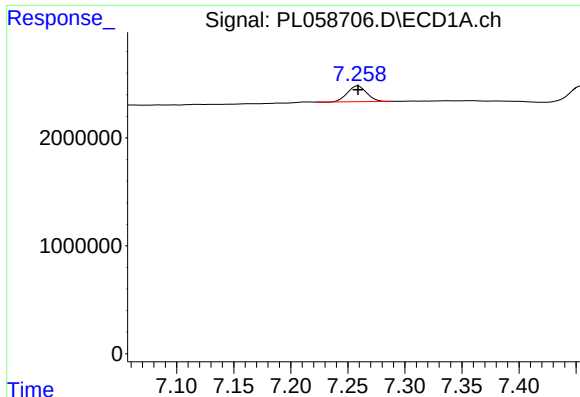
#20 Methoxychlor

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 702828
Conc: 1.08 ng/ml



#20 Methoxychlor

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 1098998
Conc: 1.12 ng/ml



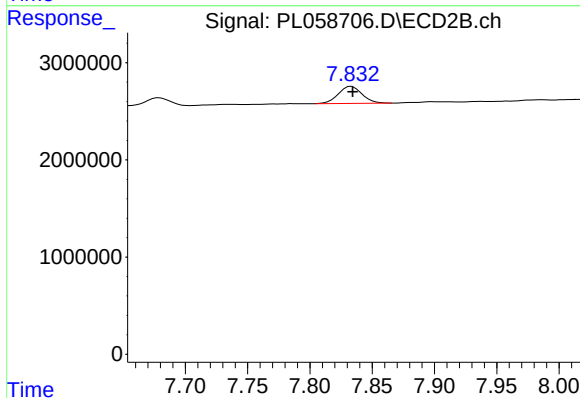
#21 Endrin ketone

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 1705681
Conc: 1.15 ng/ml

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

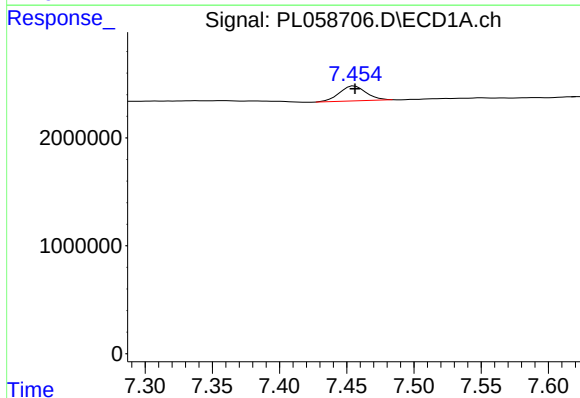
Manual Integrations
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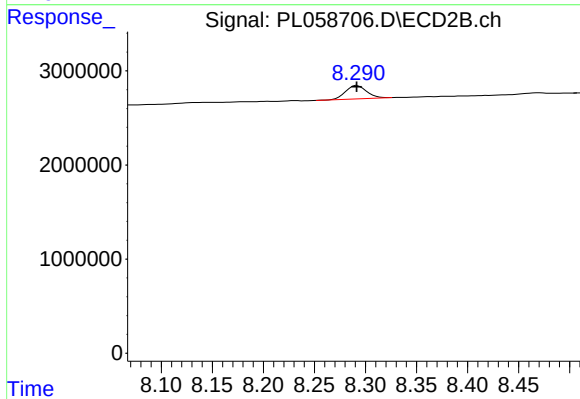
#21 Endrin ketone

R.T.: 7.832 min
Delta R.T.: -0.002 min
Response: 2342527
Conc: 1.16 ng/ml m



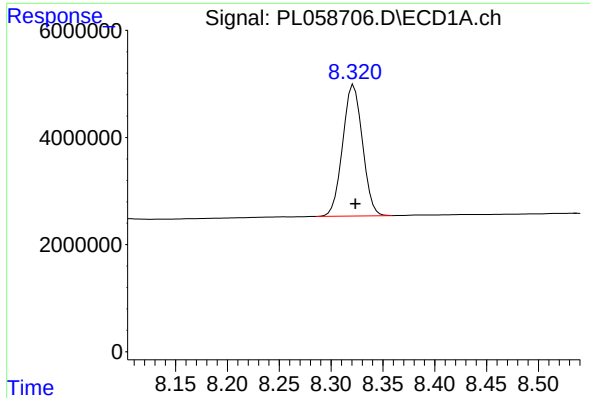
#22 Mirex

R.T.: 7.454 min
Delta R.T.: -0.002 min
Response: 1930424
Conc: 1.58 ng/ml m



#22 Mirex

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 2022511
Conc: 1.29 ng/ml



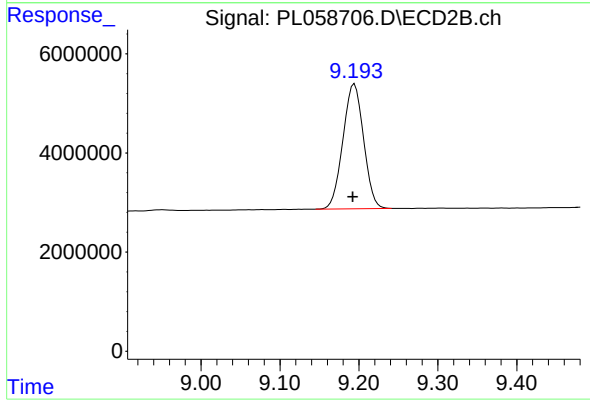
#28 Decachlorobiphenyl

R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 32590246
Conc: 24.96 ng/ml

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

Manual Integrations
APPROVED

mohammad
5/18/2020 12:37:02 PM



#28 Decachlorobiphenyl

R.T.: 9.194 min
Delta R.T.: 0.002 min
Response: 45794852
Conc: 25.91 ng/ml