

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
 Data File : PL062301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2020 16:30
 Operator : DD\AJ
 Sample : L4214-01
 Misc : PEST 2.5 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 02:10:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 13 05:04:40 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...	3.412	3.951	35486046	57134902	20.387	20.272
28)	SA Decachlor...	8.124	8.993	34523859	51015152	18.873	18.586
Target Compounds							
2)	A alpha-BHC	3.843	4.338	6847633	8980946	2.672	2.142
3)	MA gamma-BHC...	4.123	4.621	5525266	8571077	2.423	2.181
4)	MA Heptachlor	4.419	5.126	5449204	9334041	2.588	2.456
5)	MB Aldrin	4.662	5.429	4775233	7676791	2.519m	2.178
6)	B beta-BHC	4.371	4.792	2983911	5096508	3.103	2.900
7)	B delta-BHC	4.572	5.005	4920653	8381636	2.306	2.417
8)	B Heptachlo...	5.101	5.815	4626711	7830844	2.532m	2.409
9)	A Endosulfan I	5.437	6.171	4223881	7187847	2.502	2.386
10)	B gamma-Chl...	5.327	6.049	4602222	7270711	2.552	2.214
11)	B alpha-Chl...	5.385	6.122	4538053	7658138	2.507	2.343
12)	B 4,4'-DDE	5.549	6.281	3856680	6601313	2.339	2.170
13)	MA Dieldrin	5.678	6.426	4123117	7057207	2.346	2.285m
14)	MA Endrin	5.932	6.645	3801949	5000998	2.475	2.011
15)	B Endosulfa...	6.204	6.855	4109378	7009659	2.489	2.583
16)	A 4,4'-DDD	6.061	6.769	3477880	6016148	2.398	2.465
17)	MA 4,4'-DDT	6.299	7.068	2181969	4164451	1.691	1.821
18)	B Endrin al...	6.369	6.978	3698323	5706929	2.549m	2.416
19)	B Endosulfa...	6.583	7.201	4035692	5731717	2.442	2.209
20)	A Methoxychlor	6.843	7.528	1755760	2467214	2.158	1.872
21)	B Endrin ke...	7.068	7.670	4362574	6095276	2.214m	2.185
22)	Mirex	7.255	8.124	3909860	6613108	2.635	3.143

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101520\
Data File : PL062301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2020 16:30
Operator : DD\AJ
Sample : L4214-01
Misc : PEST 2.5 PPB
ALS Vial : 13 Sample Multiplier: 1

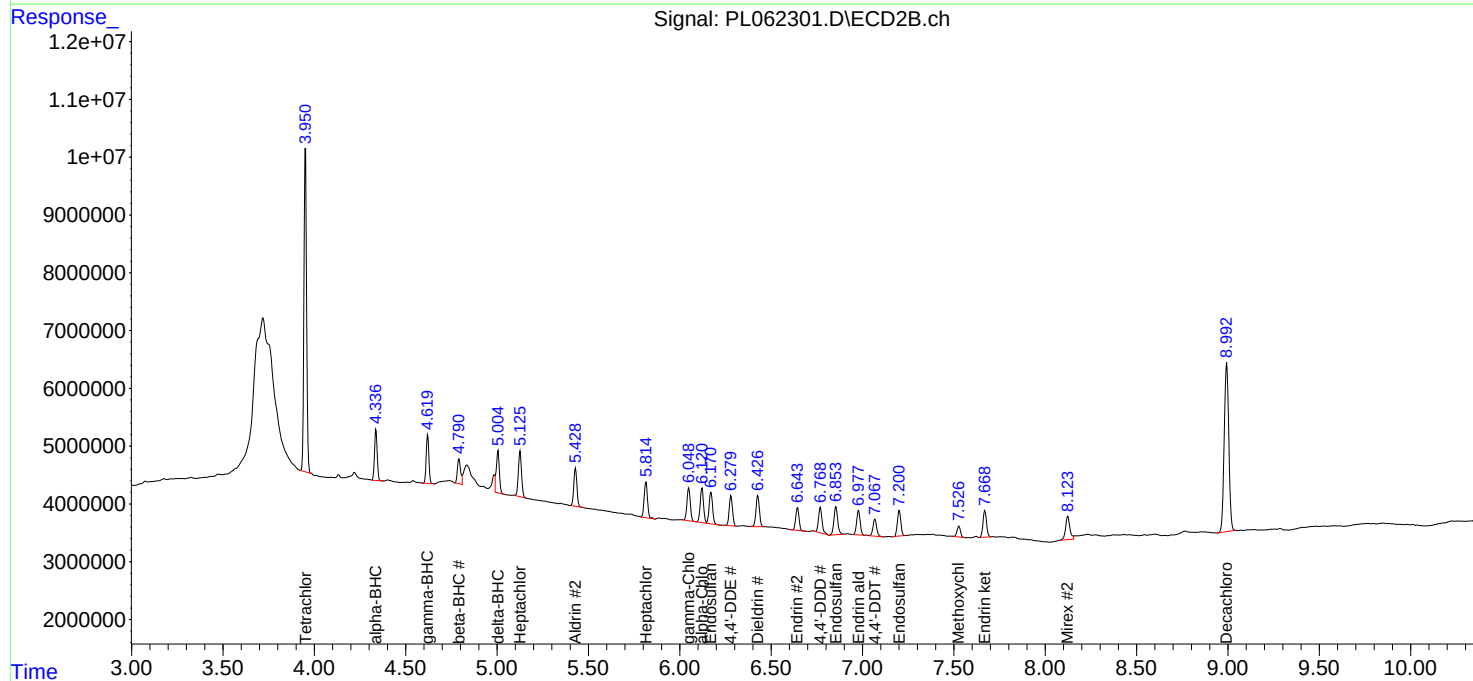
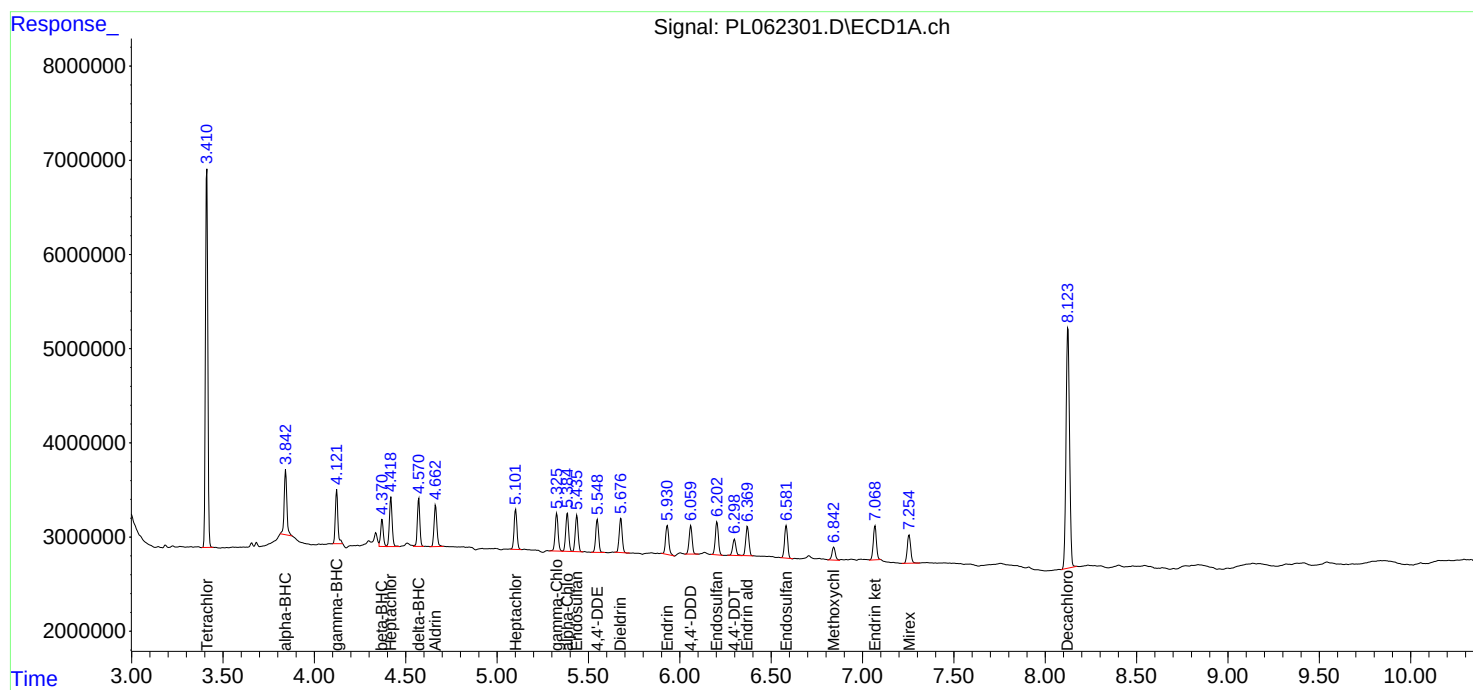
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

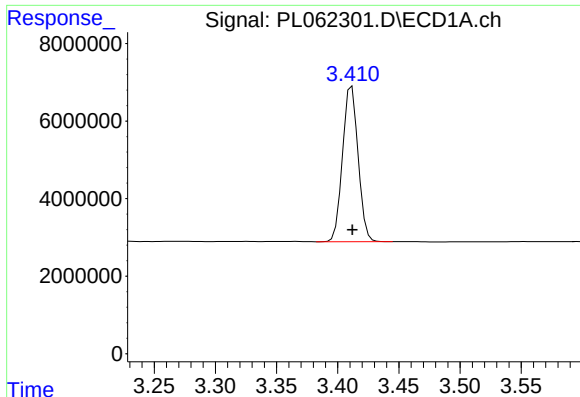
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 02:10:47 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
Quant Title : GC Extractables
QLast Update : Tue Oct 13 05:04:40 2020
Response 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





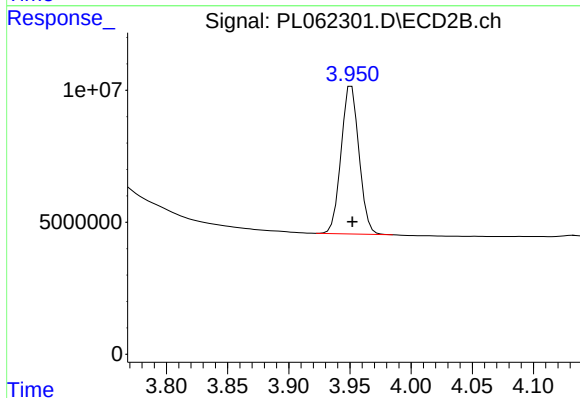
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 35486046
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

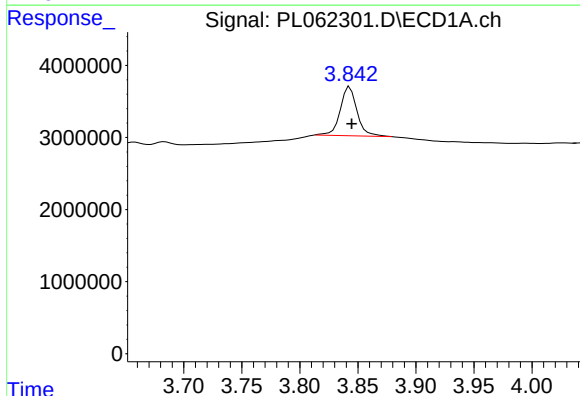
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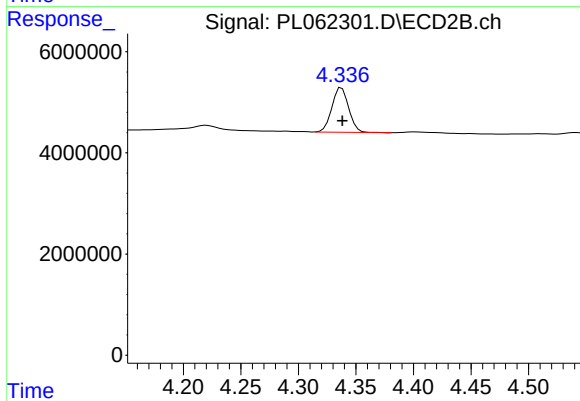
#1 Tetrachloro-m-xylene

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 57134902
Conc: 20.27 ng/ml



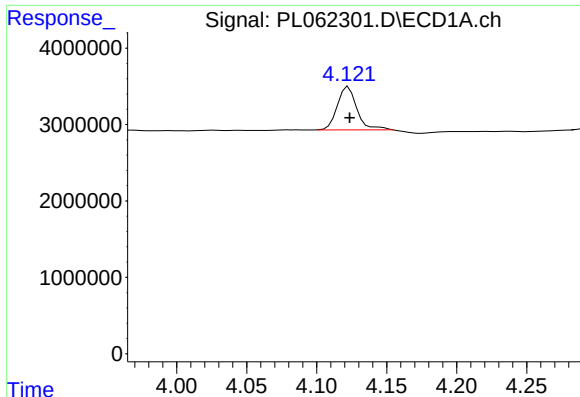
#2 alpha-BHC

R.T.: 3.843 min
Delta R.T.: -0.001 min
Response: 6847633
Conc: 2.67 ng/ml



#2 alpha-BHC

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 8980946
Conc: 2.14 ng/ml



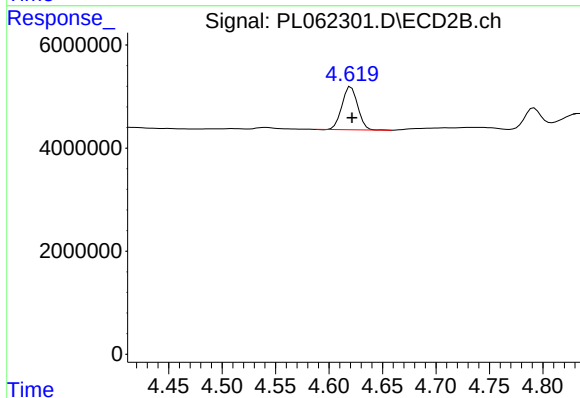
#3 gamma-BHC (Lindane)

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 5525266
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

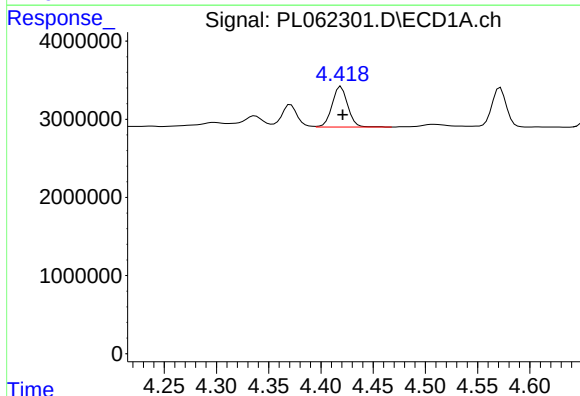
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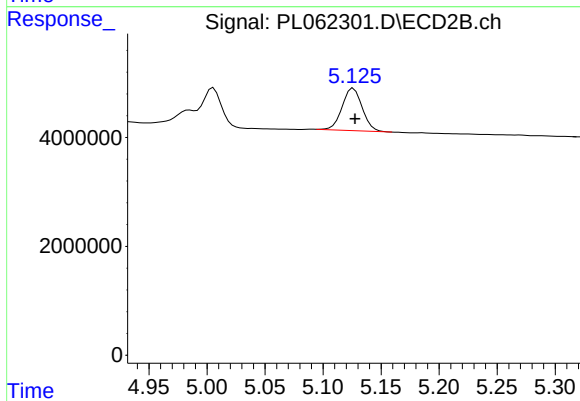
#3 gamma-BHC (Lindane)

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 8571077
Conc: 2.18 ng/ml



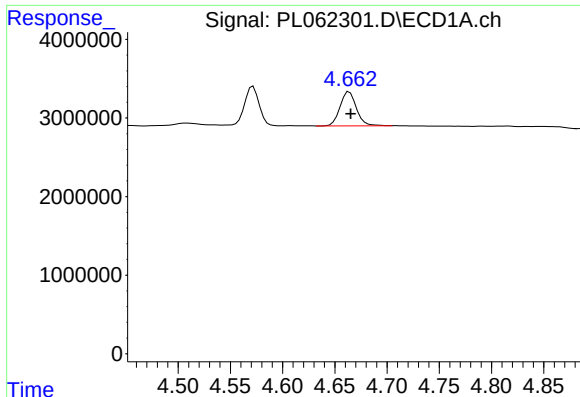
#4 Heptachlor

R.T.: 4.419 min
Delta R.T.: -0.001 min
Response: 5449204
Conc: 2.59 ng/ml



#4 Heptachlor

R.T.: 5.126 min
Delta R.T.: -0.001 min
Response: 9334041
Conc: 2.46 ng/ml



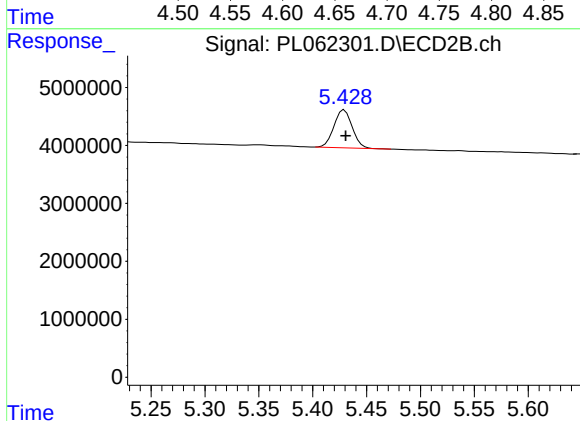
#5 Aldrin

R.T.: 4.662 min
Delta R.T.: -0.003 min
Response: 4775233
Conc: 2.52 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

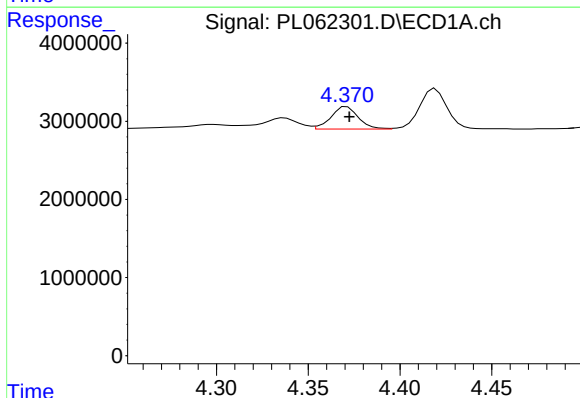
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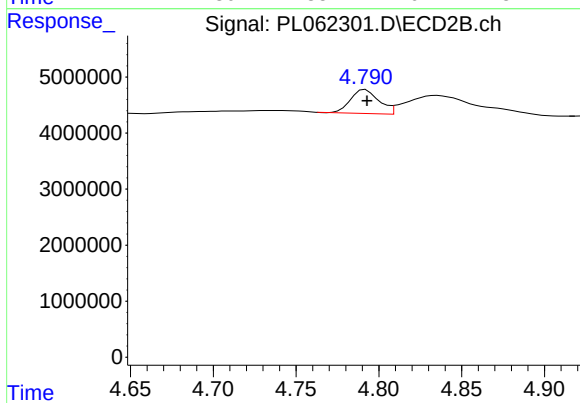
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.001 min
Response: 7676791
Conc: 2.18 ng/ml



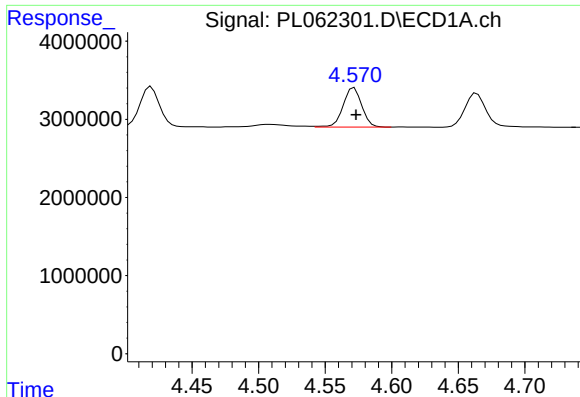
#6 beta-BHC

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 2983911
Conc: 3.10 ng/ml



#6 beta-BHC

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 5096508
Conc: 2.90 ng/ml



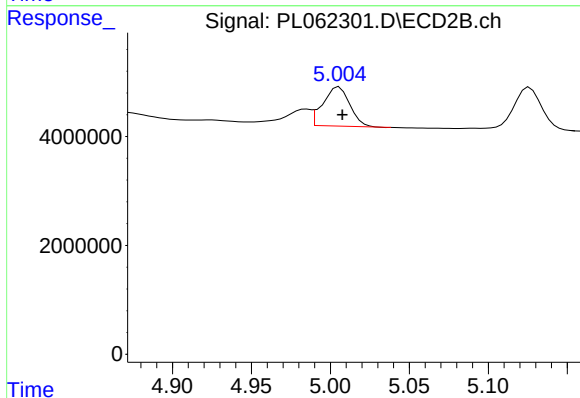
#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 4920653
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

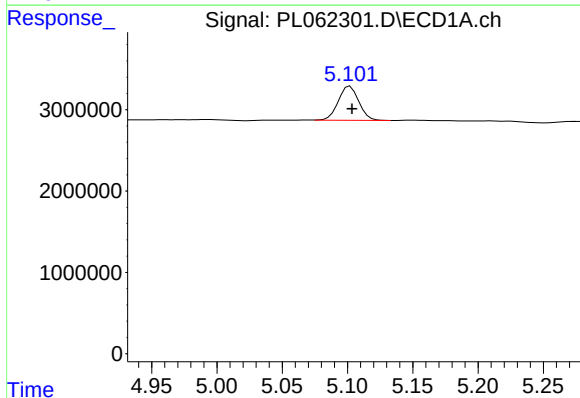
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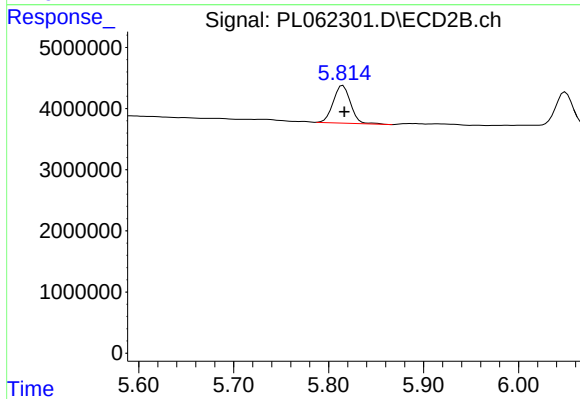
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 8381636
Conc: 2.42 ng/ml



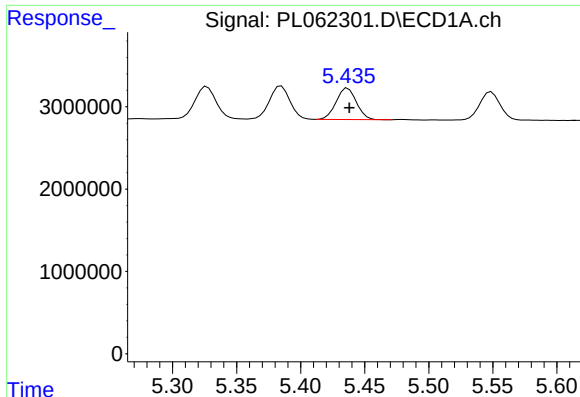
#8 Heptachlor epoxide

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 4626711
Conc: 2.53 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 7830844
Conc: 2.41 ng/ml



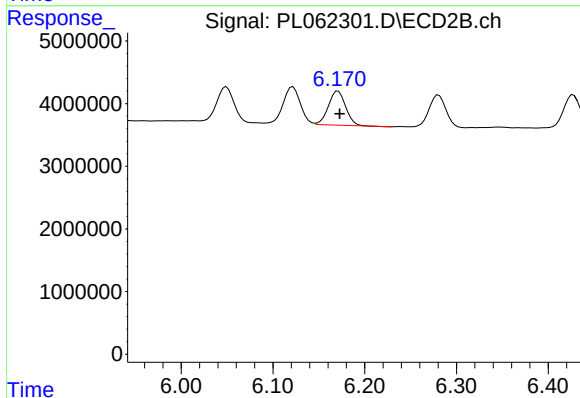
#9 Endosulfan I

R.T.: 5.437 min
Delta R.T.: -0.001 min
Response: 4223881
Conc: 2.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

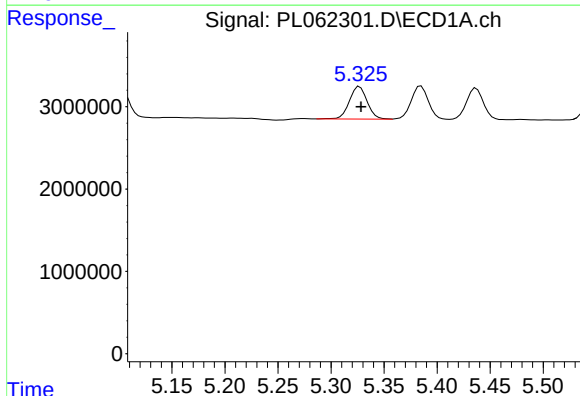
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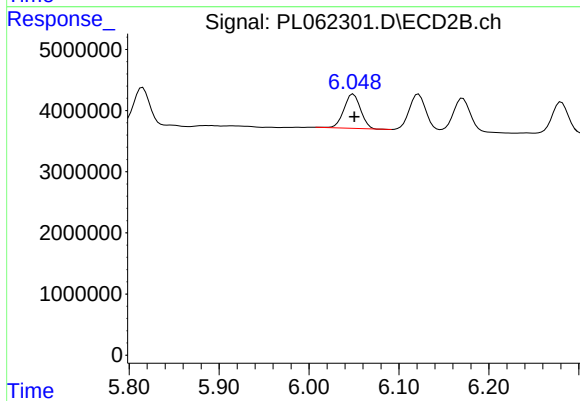
#9 Endosulfan I

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 7187847
Conc: 2.39 ng/ml



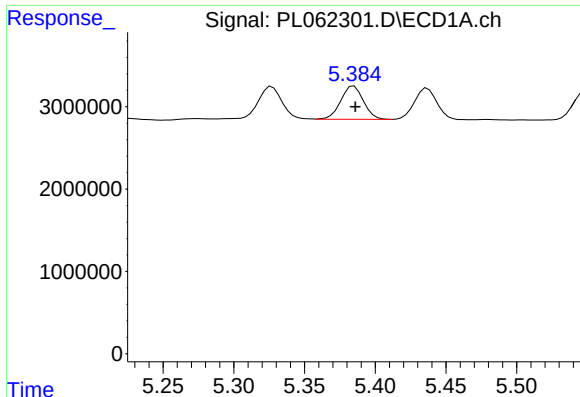
#10 gamma-Chlordane

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 4602222
Conc: 2.55 ng/ml



#10 gamma-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.001 min
Response: 7270711
Conc: 2.21 ng/ml



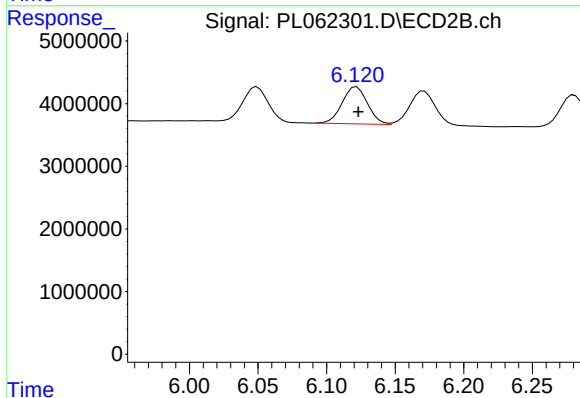
#11 alpha-Chlordane

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 4538053
Conc: 2.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

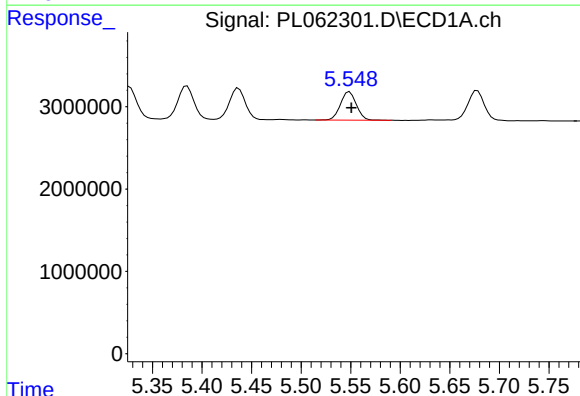
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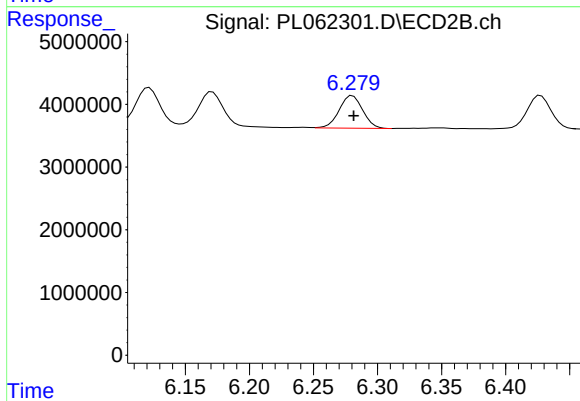
#11 alpha-Chlordane

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 7658138
Conc: 2.34 ng/ml



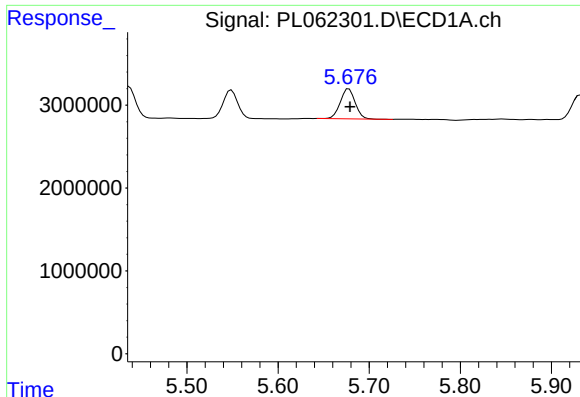
#12 4,4'-DDE

R.T.: 5.549 min
Delta R.T.: -0.002 min
Response: 3856680
Conc: 2.34 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min
Delta R.T.: -0.001 min
Response: 6601313
Conc: 2.17 ng/ml



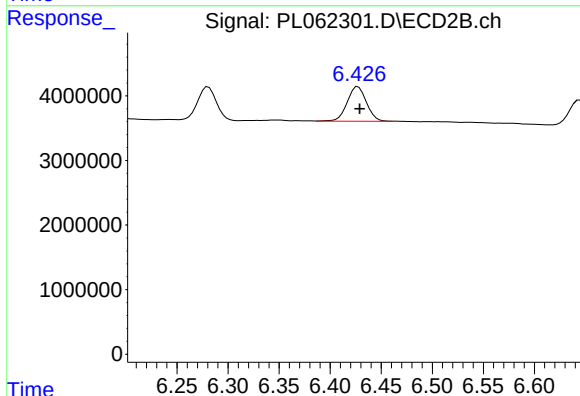
#13 Dieldrin

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 4123117
Conc: 2.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

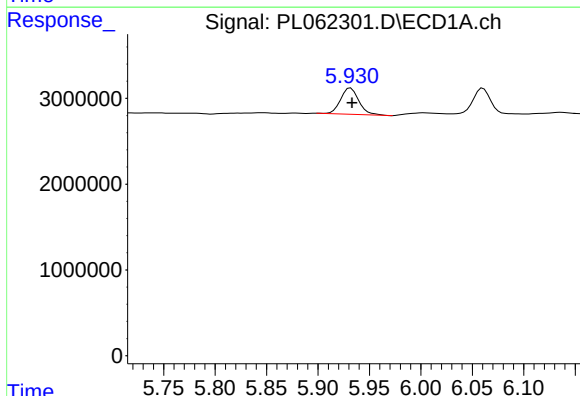
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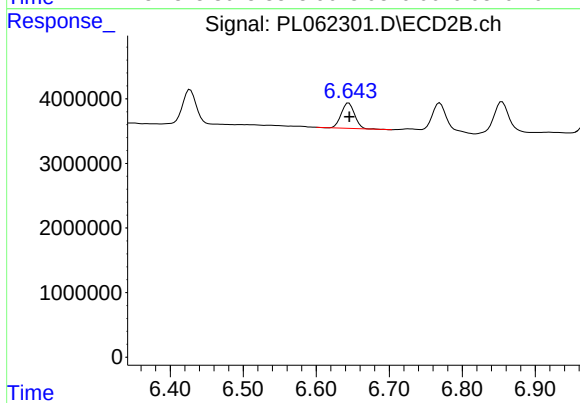
#13 Dieldrin

R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 7057207
Conc: 2.29 ng/ml m



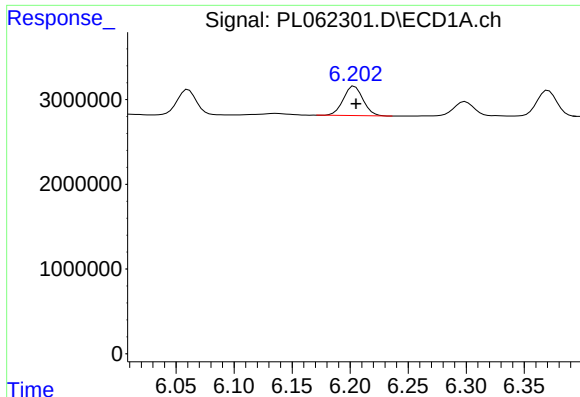
#14 Endrin

R.T.: 5.932 min
Delta R.T.: -0.001 min
Response: 3801949
Conc: 2.47 ng/ml



#14 Endrin

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 5000998
Conc: 2.01 ng/ml



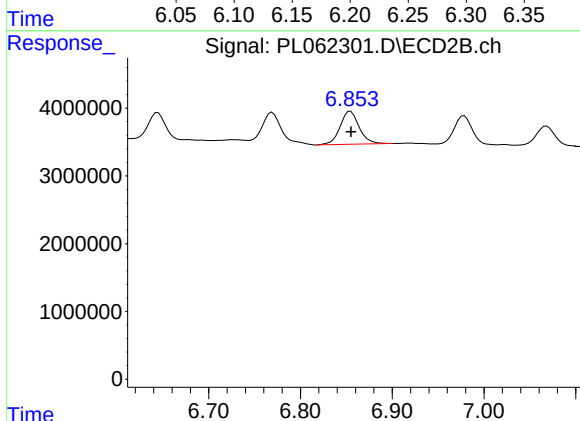
#15 Endosulfan II

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 4109378
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

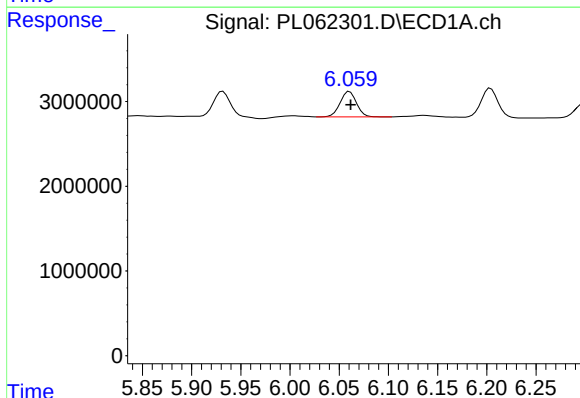
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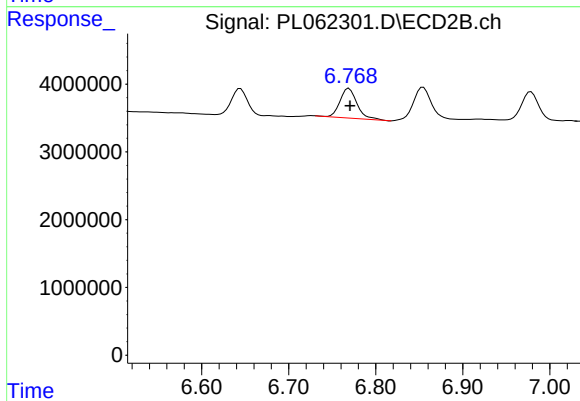
#15 Endosulfan II

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 7009659
Conc: 2.58 ng/ml



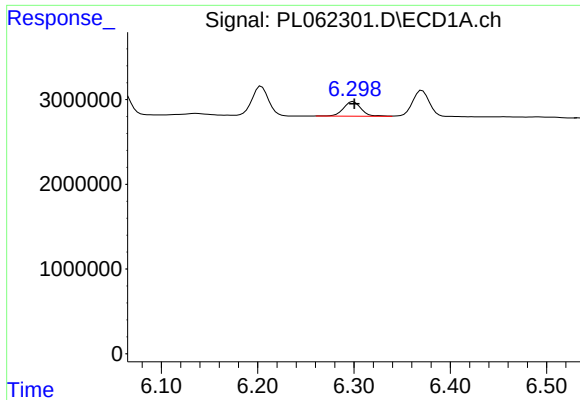
#16 4,4'-DDD

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 3477880
Conc: 2.40 ng/ml



#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: -0.001 min
Response: 6016148
Conc: 2.47 ng/ml



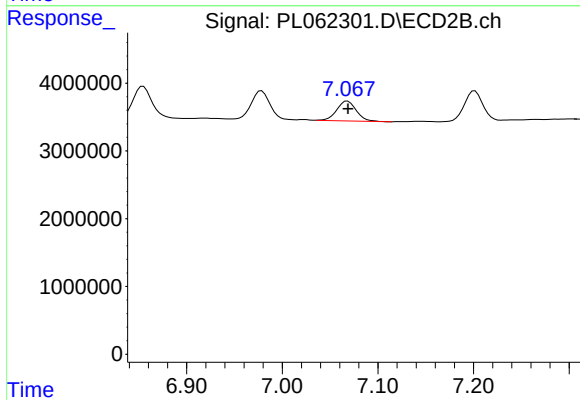
#17 4,4'-DDT

R.T.: 6.299 min
Delta R.T.: -0.001 min
Response: 2181969
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

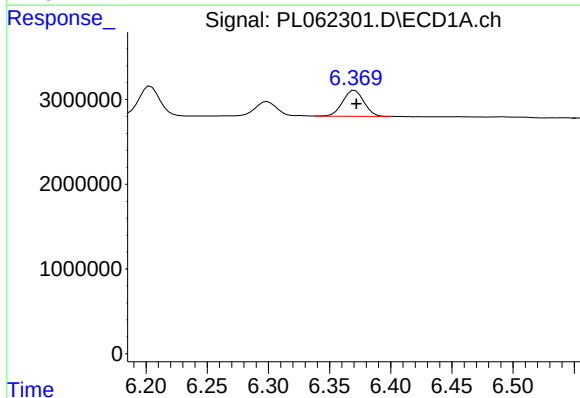
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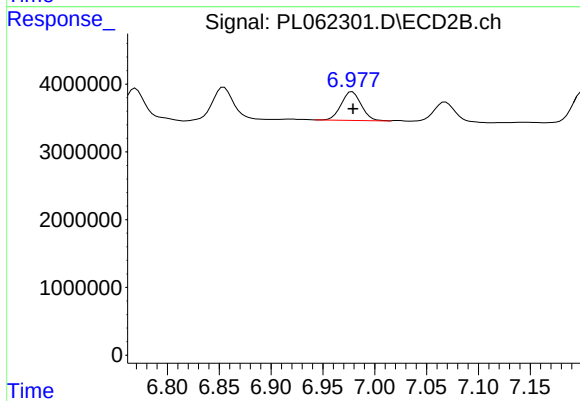
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 4164451
Conc: 1.82 ng/ml



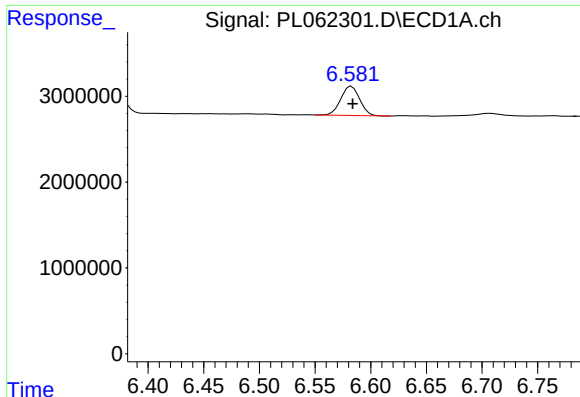
#18 Endrin aldehyde

R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 3698323
Conc: 2.55 ng/ml m



#18 Endrin aldehyde

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 5706929
Conc: 2.42 ng/ml



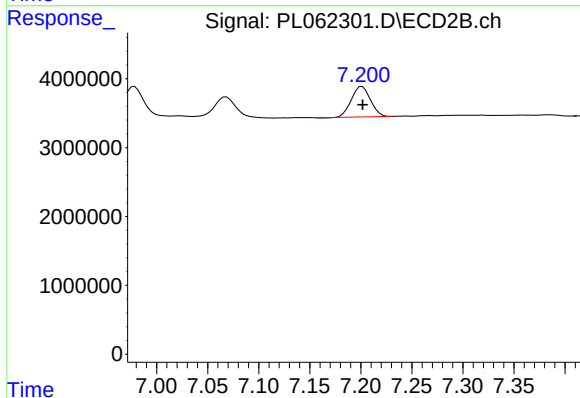
#19 Endosulfan Sulfate

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 4035692
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

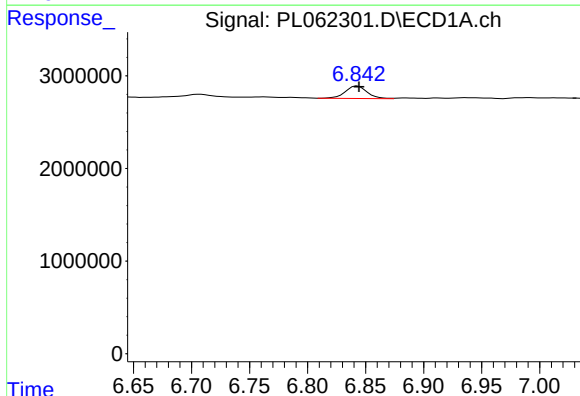
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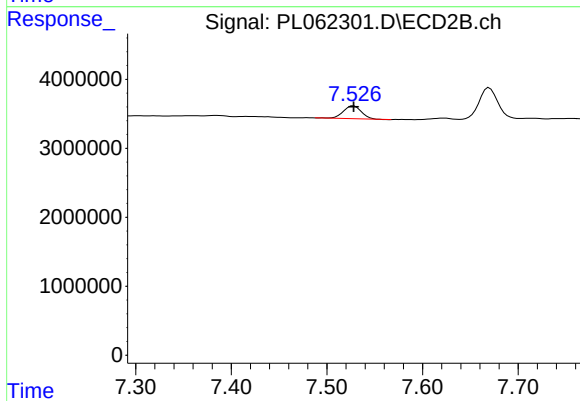
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 5731717
Conc: 2.21 ng/ml



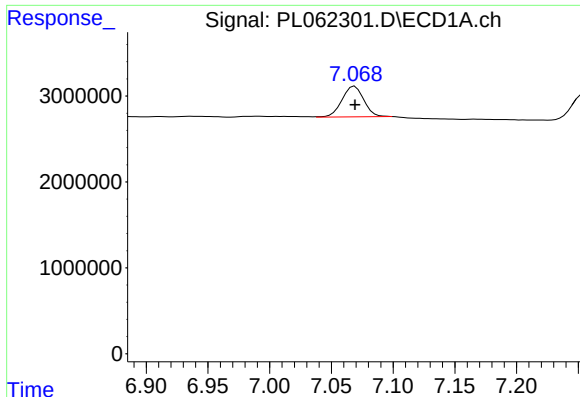
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: -0.001 min
Response: 1755760
Conc: 2.16 ng/ml



#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 2467214
Conc: 1.87 ng/ml



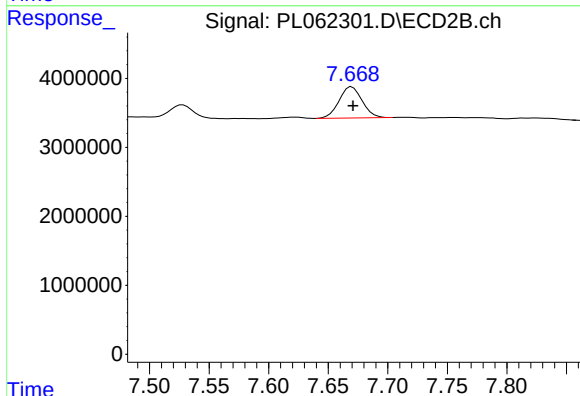
#21 Endrin ketone

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 4362574
Conc: 2.21 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

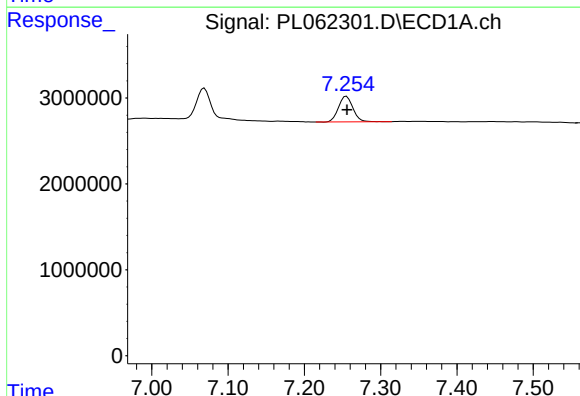
Manual Integrations
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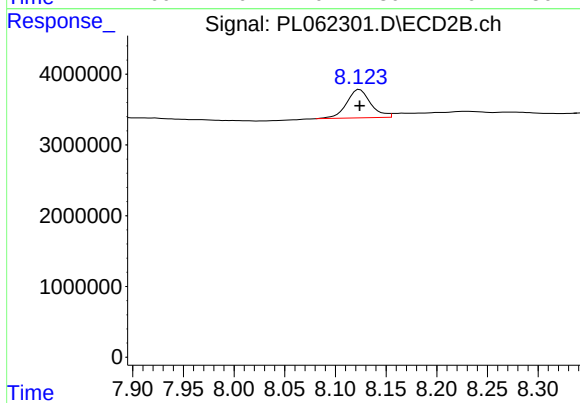
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 6095276
Conc: 2.19 ng/ml



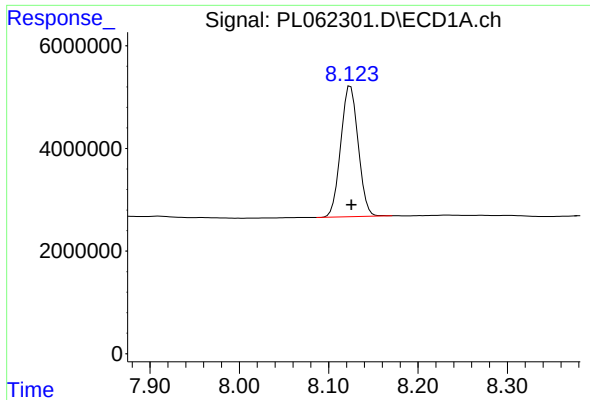
#22 Mirex

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 3909860
Conc: 2.63 ng/ml



#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 6613108
Conc: 3.14 ng/ml



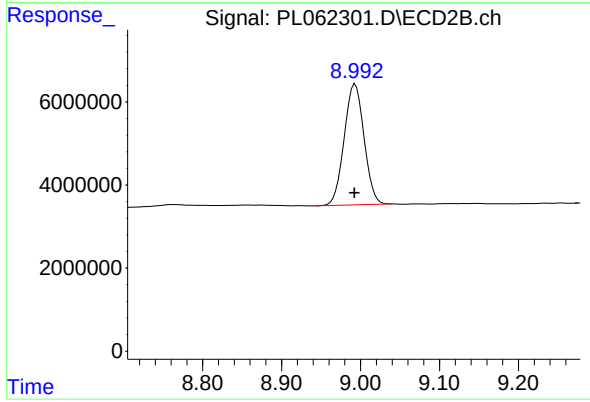
#28 Decachlorobiphenyl

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 34523859
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Manual Integrations
APPROVED

Ankita
10/15/2020 11:25:34 AM



#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: 0.001 min
Response: 51015152
Conc: 18.59 ng/ml