

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011120\
 Data File : PL055665.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2020 13:14
 Operator : AJ\MA
 Sample : L1064-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-AMSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 21:58:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 10 00:58:33 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...	3.490	3.968	225.4E6	64979273	24.387	24.529
28)	SA Decachlor...	8.236	8.957	219.0E6	48821186	24.938	23.482
Target Compounds							
2)	A alpha-BHC	3.928	4.352	909.1E6	227.5E6	57.514	57.381
3)	MA gamma-BHC...	4.211	4.631	864.5E6	210.6E6	58.523	56.636
4)	MA Heptachlor	4.512	5.130	847.9E6	182.3E6	59.273	57.471m
5)	MB Aldrin	4.761	5.431	865.9E6	183.6E6	61.720	58.870
6)	B beta-BHC	4.459	4.799	371.2E6	89002233	60.731	58.296
7)	B delta-BHC	4.665	5.013	795.7E6	177.5E6	55.669	57.839
8)	B Heptachlo...	5.203	5.812	794.0E6	166.1E6	59.815	56.537
9)	A Endosulfan I	5.541	6.164	744.3E6	150.9E6	60.242	56.998
10)	B gamma-Chl...	5.429	6.043	817.7E6	162.2E6	61.081	57.602
11)	B alpha-Chl...	5.487	6.114	787.2E6	160.0E6	59.954	56.940
12)	B 4,4'-DDE	5.649	6.269	765.6E6	155.3E6	61.574	58.437
13)	MA Dieldrin	5.784	6.418	814.5E6	161.6E6	62.134	59.083
14)	MA Endrin	6.041	6.634	719.0E6	132.0E6	62.265	58.520
15)	B Endosulfa...	6.312	6.841	658.8E6	135.4E6	61.070	56.344
16)	A 4,4'-DDD	6.164	6.754	589.3E6	122.4E6	62.184	59.087
17)	MA 4,4'-DDT	6.404	7.050	553.7E6	115.3E6	64.471	58.465
18)	B Endrin al...	6.480	6.964	562.2E6	115.5E6	59.560	56.871
19)	B Endosulfa...	6.692	7.185	629.5E6	131.4E6	64.354	59.070
20)	A Methoxychlor	6.948	7.503	259.3E6	61169637	60.403	58.432
21)	B Endrin ke...	7.183	7.652	690.2E6	141.9E6	60.892	59.578
22)	Mirex	7.373	8.101	436.9E6	94764495	63.806	57.799

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011120\
Data File : PL055665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jan 2020 13:14
Operator : AJ\MA
Sample : L1064-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

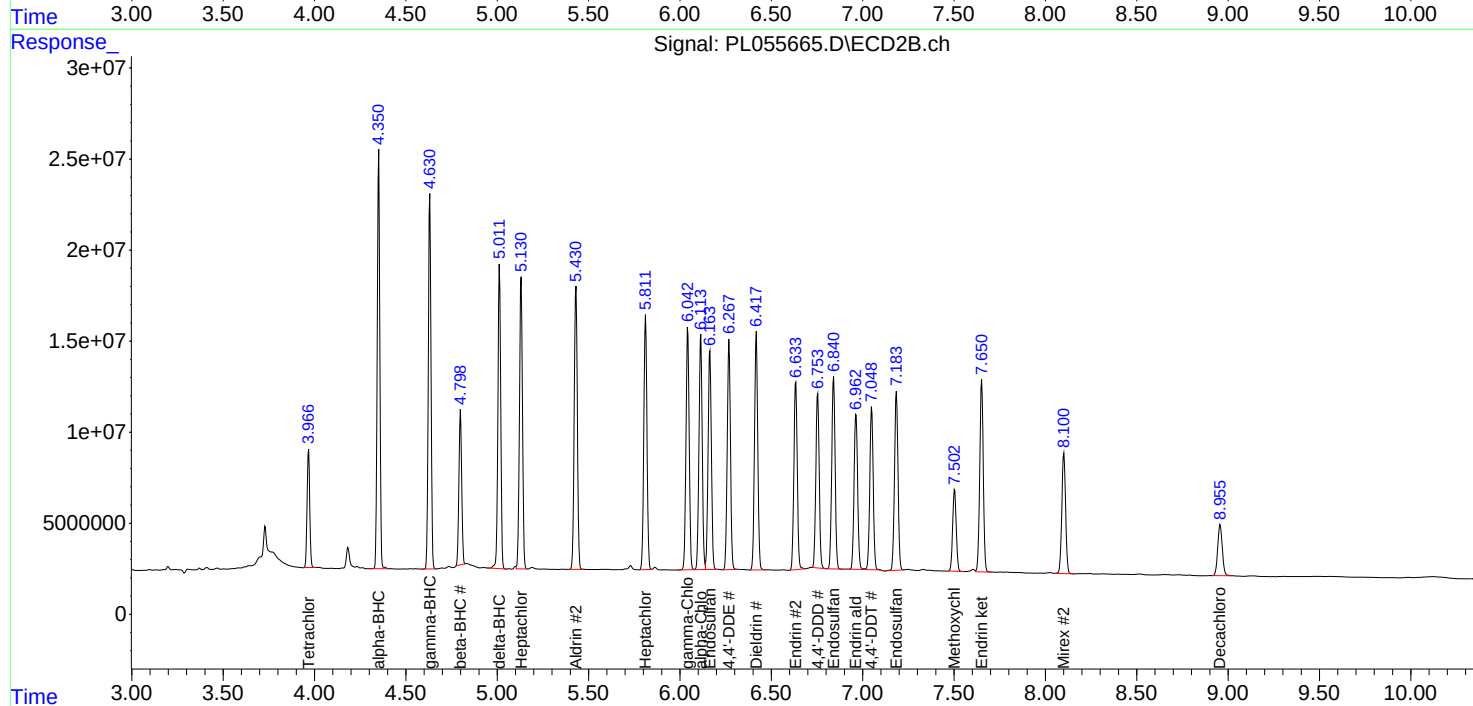
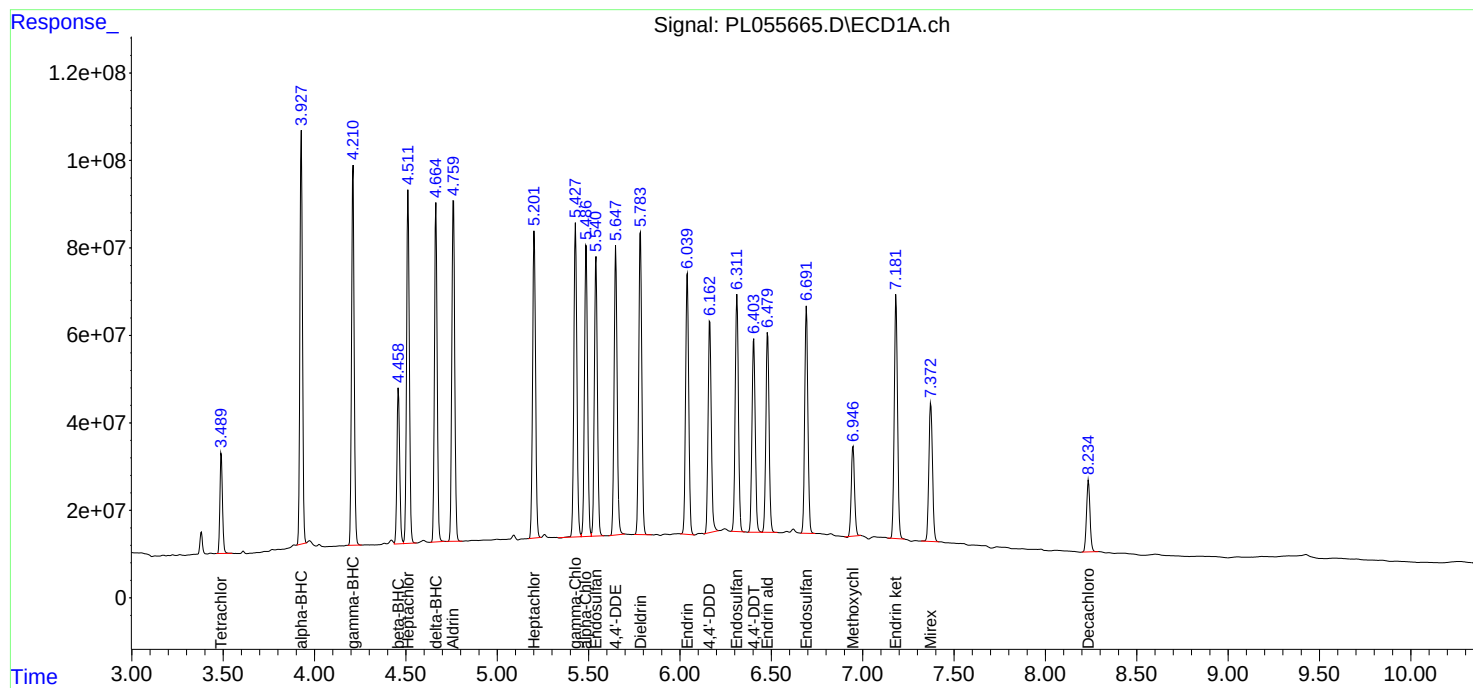
Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

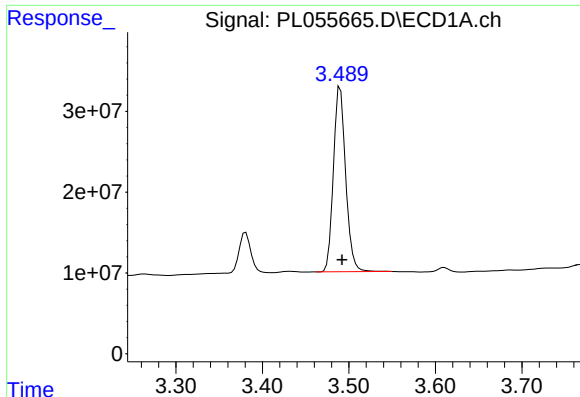
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 10 21:58:27 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
Quant Title : GC Extractables
QLast Update : Fri Jan 10 00:58:33 2020
Response 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





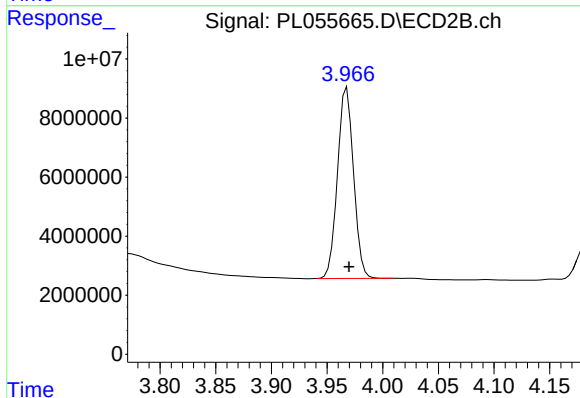
#1 Tetrachloro-m-xylene

R.T.: 3.490 min
Delta R.T.: -0.002 min
Response: 225352947
Conc: 24.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

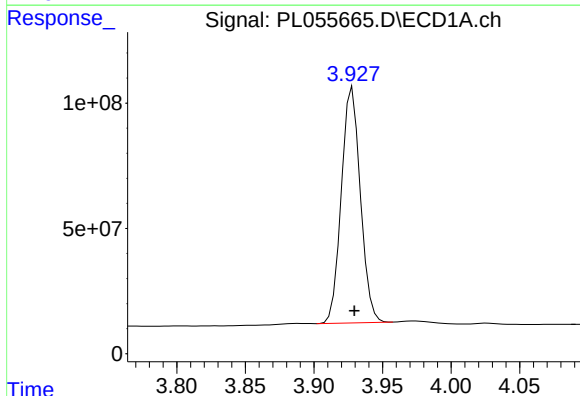
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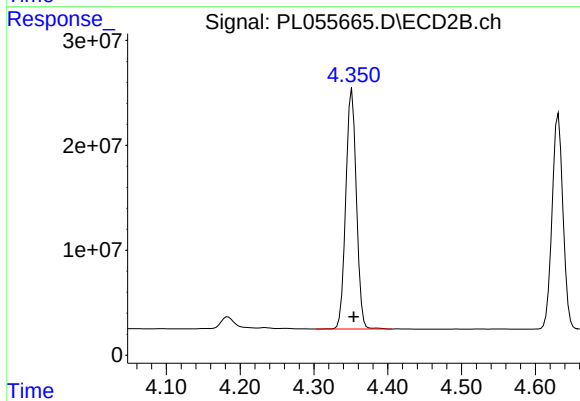
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 64979273
Conc: 24.53 ng/ml



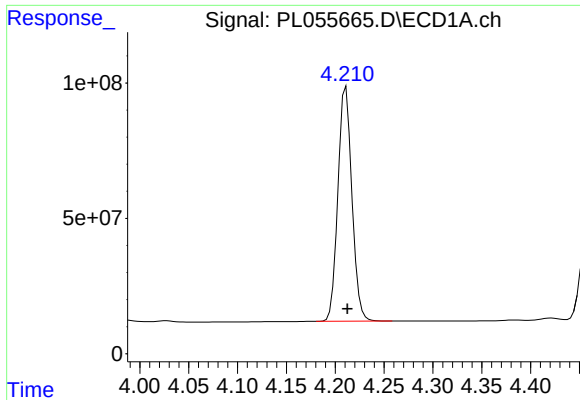
#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 909054448
Conc: 57.51 ng/ml



#2 alpha-BHC

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 227481711
Conc: 57.38 ng/ml



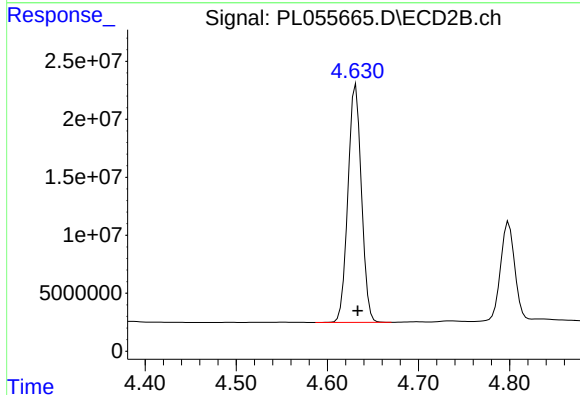
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.001 min
Response: 864471240
Conc: 58.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

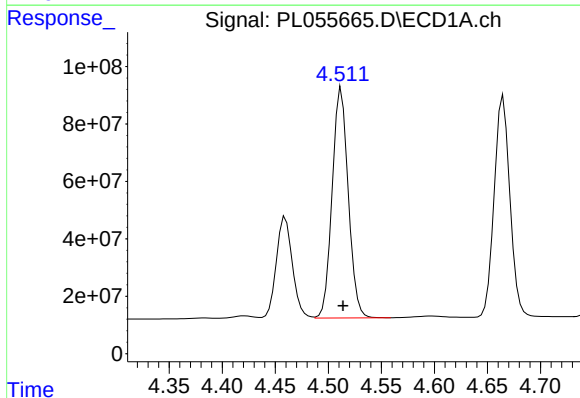
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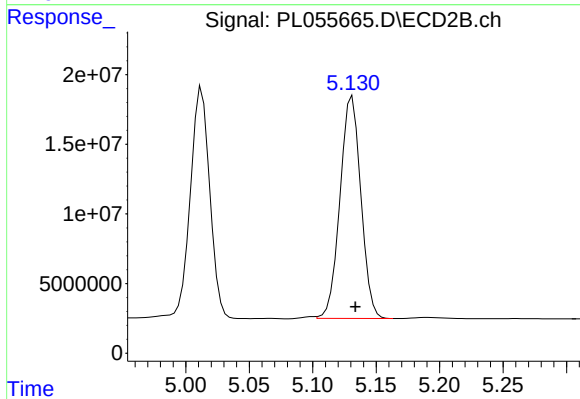
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: -0.002 min
Response: 210558905
Conc: 56.64 ng/ml



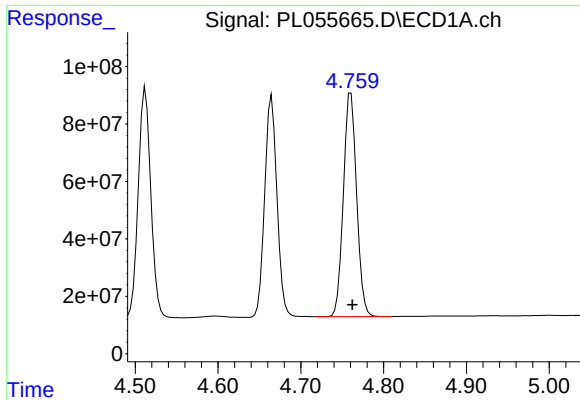
#4 Heptachlor

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 847891645
Conc: 59.27 ng/ml



#4 Heptachlor

R.T.: 5.130 min
Delta R.T.: -0.004 min
Response: 182342717
Conc: 57.47 ng/ml m



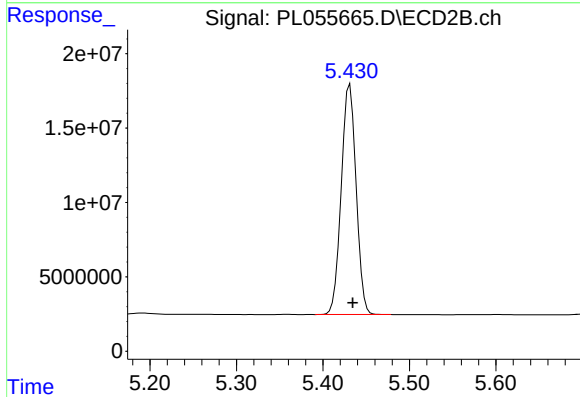
#5 Aldrin

R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 865855645
Conc: 61.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

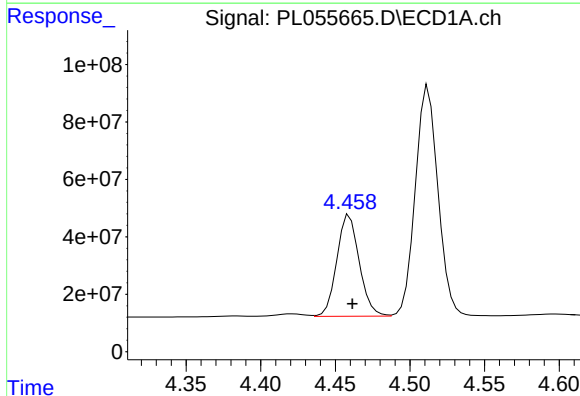
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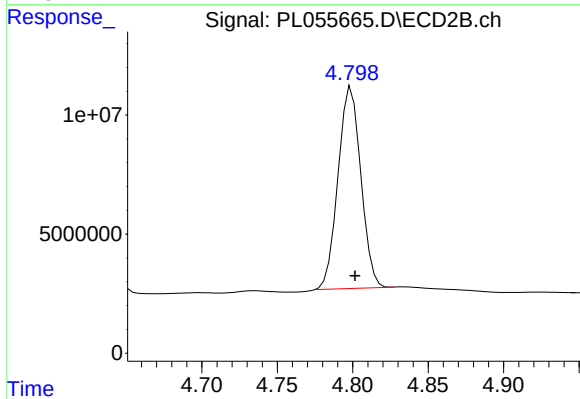
#5 Aldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 183611191
Conc: 58.87 ng/ml



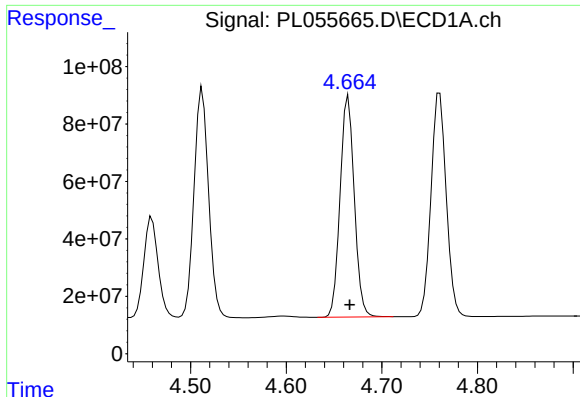
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 371160740
Conc: 60.73 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 89002233
Conc: 58.30 ng/ml



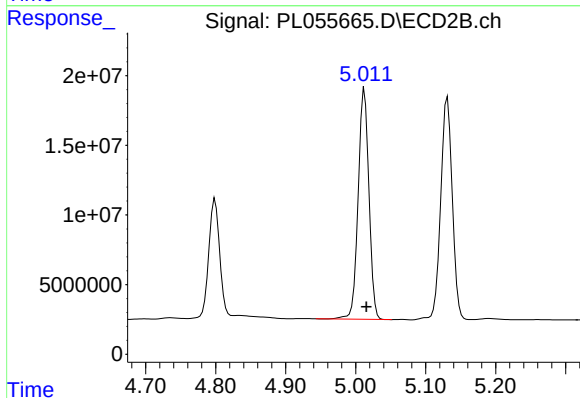
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: -0.002 min
Response: 795734704
Conc: 55.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

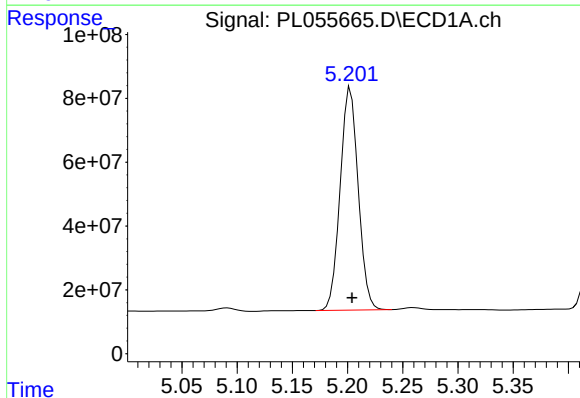
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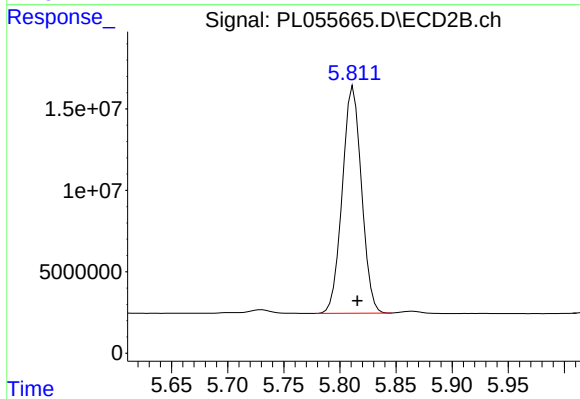
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 177530836
Conc: 57.84 ng/ml



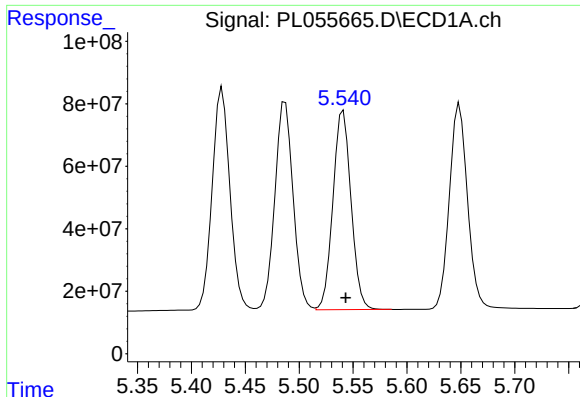
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: -0.001 min
Response: 793970438
Conc: 59.81 ng/ml



#8 Heptachlor epoxide

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 166123891
Conc: 56.54 ng/ml



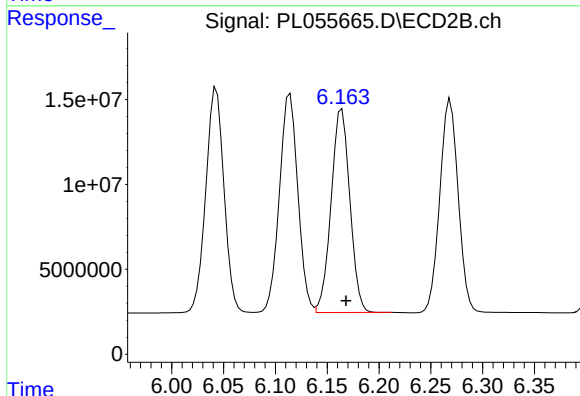
#9 Endosulfan I

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 744325315
Conc: 60.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

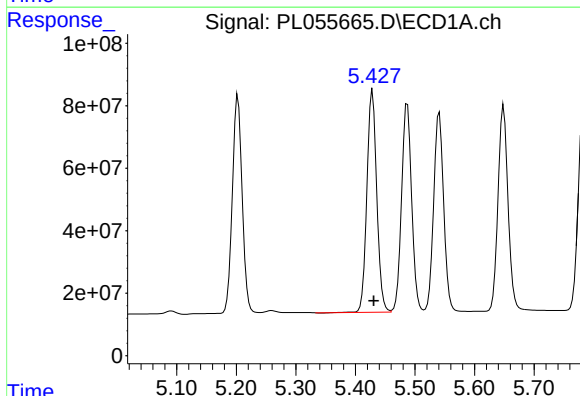
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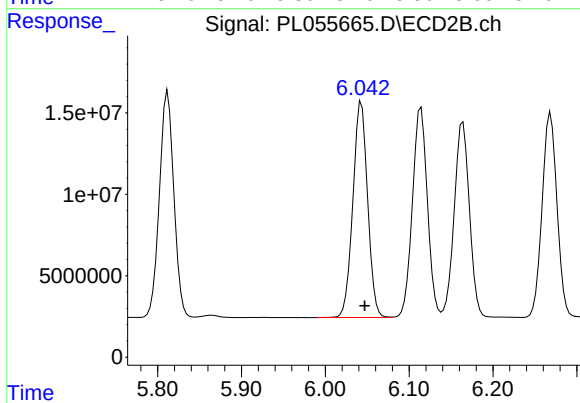
#9 Endosulfan I

R.T.: 6.164 min
Delta R.T.: -0.004 min
Response: 150912137
Conc: 57.00 ng/ml



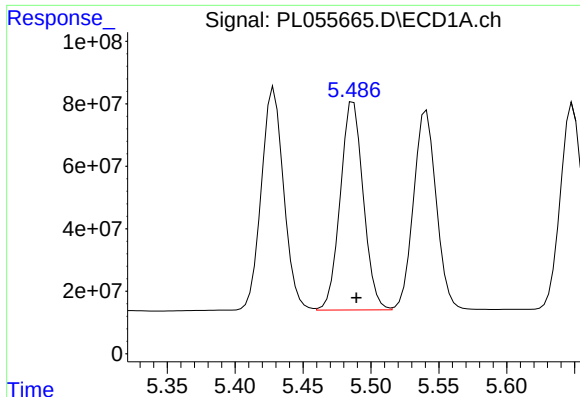
#10 gamma-Chlordane

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 817742675
Conc: 61.08 ng/ml



#10 gamma-Chlordane

R.T.: 6.043 min
Delta R.T.: -0.004 min
Response: 162169633
Conc: 57.60 ng/ml



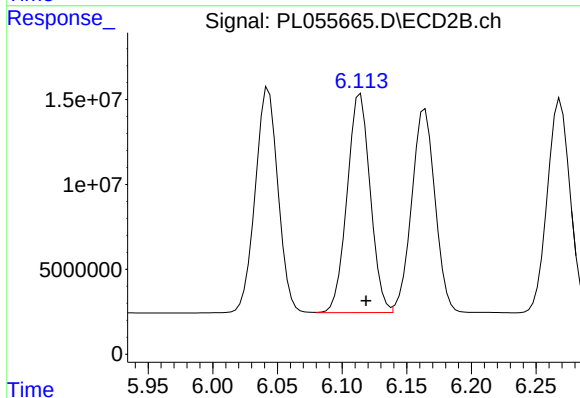
#11 alpha-Chlordane

R.T.: 5.487 min
Delta R.T.: -0.002 min
Response: 787206480
Conc: 59.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

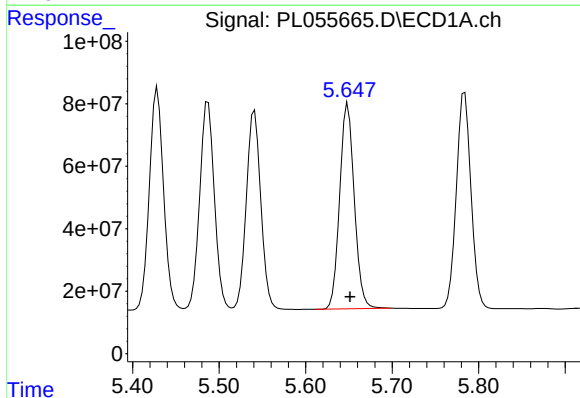
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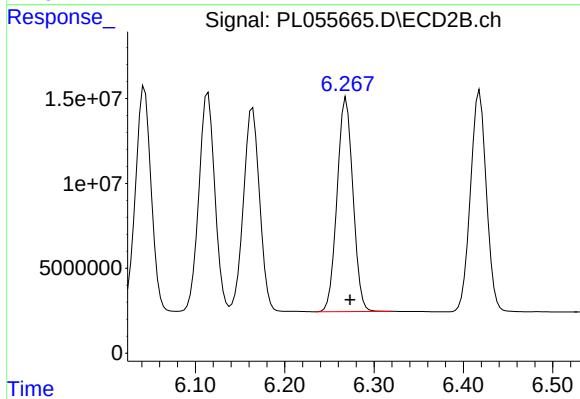
#11 alpha-Chlordane

R.T.: 6.114 min
Delta R.T.: -0.004 min
Response: 160043997
Conc: 56.94 ng/ml



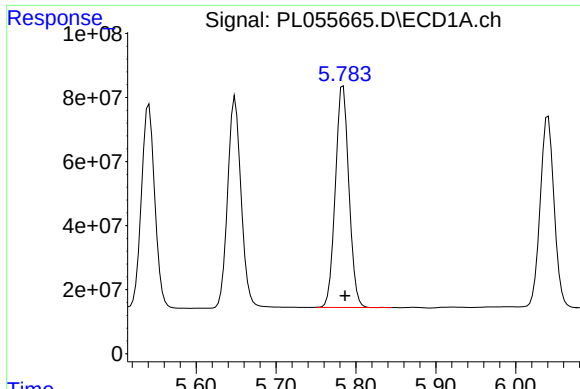
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 765634406
Conc: 61.57 ng/ml



#12 4,4'-DDE

R.T.: 6.269 min
Delta R.T.: -0.005 min
Response: 155256310
Conc: 58.44 ng/ml



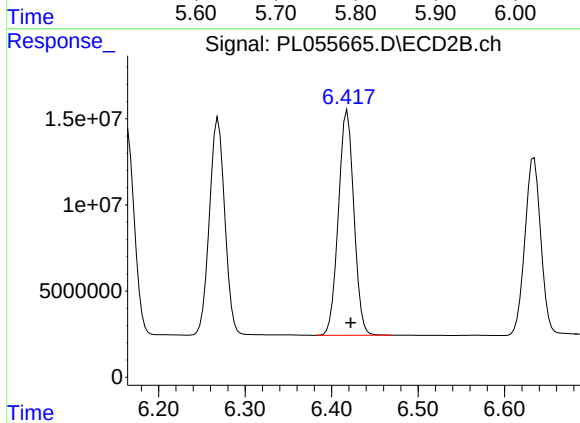
#13 Dieldrin

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 814487146
Conc: 62.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

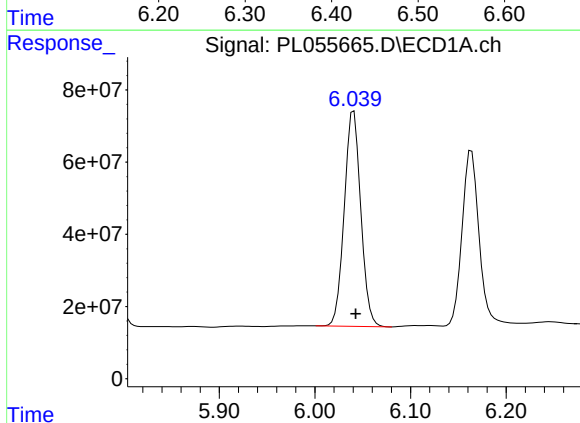
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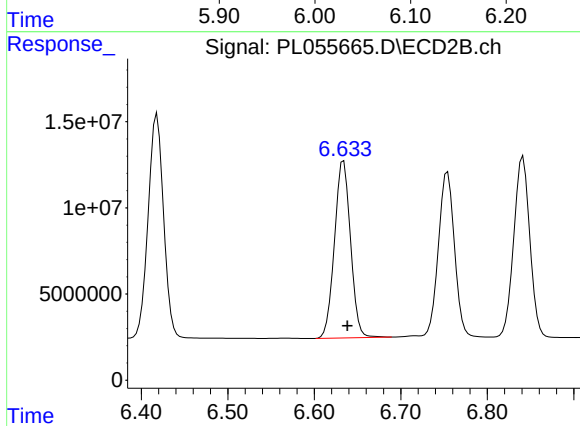
#13 Dieldrin

R.T.: 6.418 min
Delta R.T.: -0.004 min
Response: 161554781
Conc: 59.08 ng/ml



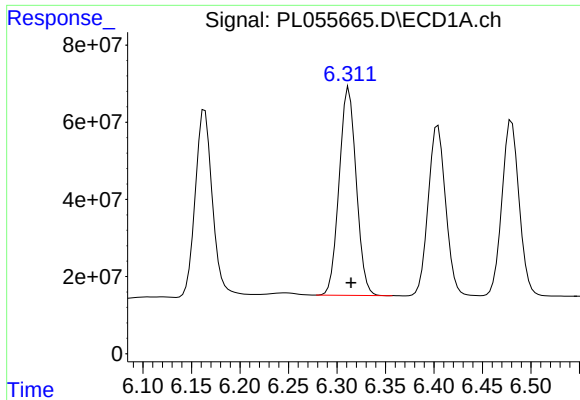
#14 Endrin

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 719034432
Conc: 62.27 ng/ml



#14 Endrin

R.T.: 6.634 min
Delta R.T.: -0.004 min
Response: 131965782
Conc: 58.52 ng/ml



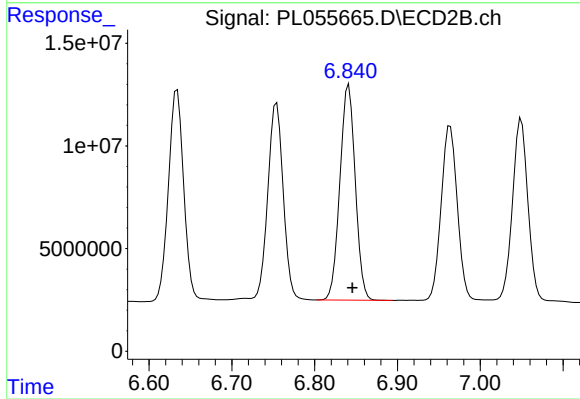
#15 Endosulfan II

R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 658777452
Conc: 61.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

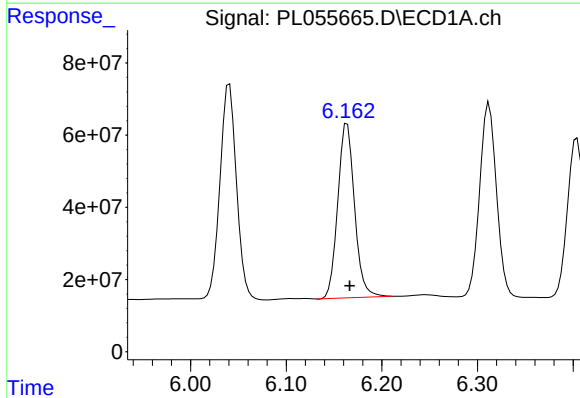
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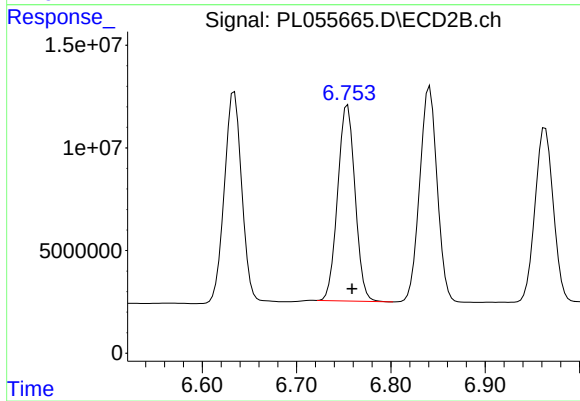
#15 Endosulfan II

R.T.: 6.841 min
Delta R.T.: -0.004 min
Response: 135362348
Conc: 56.34 ng/ml



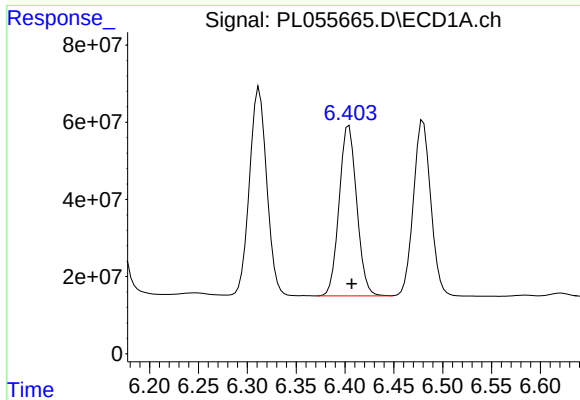
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 589325598
Conc: 62.18 ng/ml



#16 4,4'-DDD

R.T.: 6.754 min
Delta R.T.: -0.005 min
Response: 122438518
Conc: 59.09 ng/ml



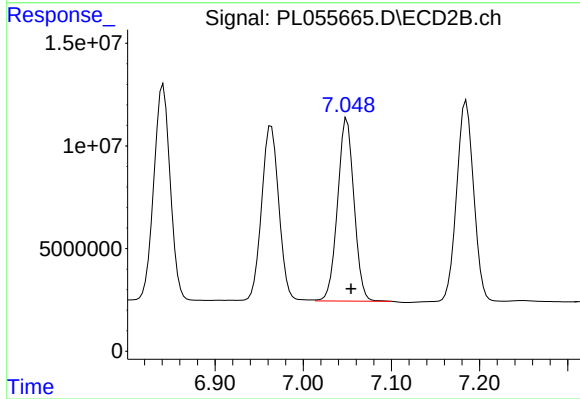
#17 4,4'-DDT

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 553674214
Conc: 64.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

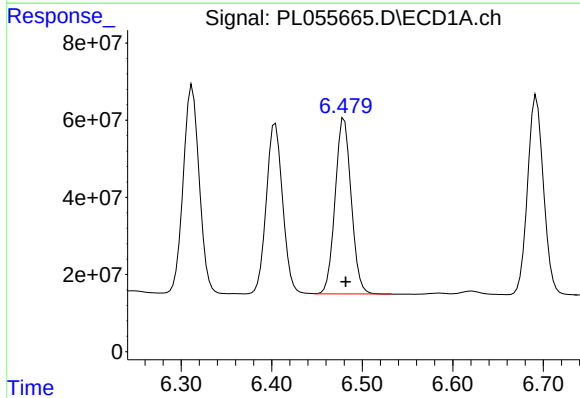
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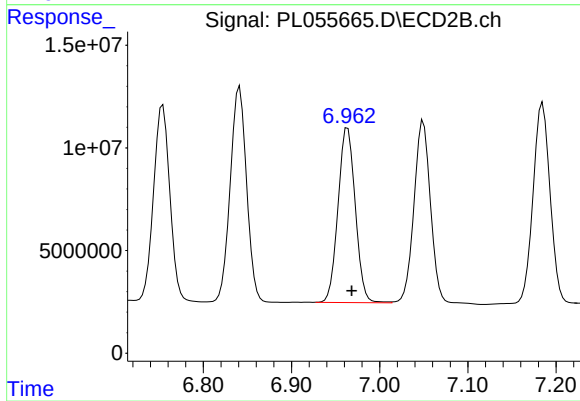
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: -0.005 min
Response: 115276920
Conc: 58.47 ng/ml



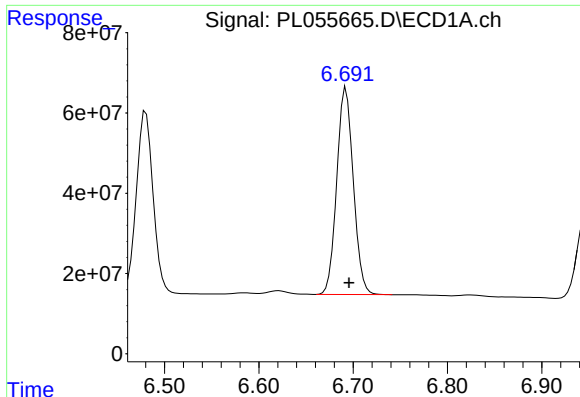
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 562191934
Conc: 59.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: -0.005 min
Response: 115479326
Conc: 56.87 ng/ml



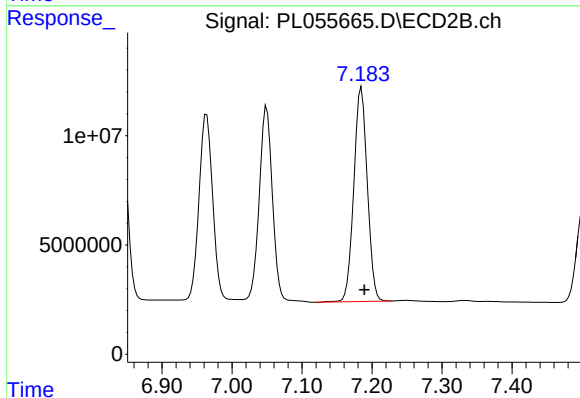
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 629527942
Conc: 64.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

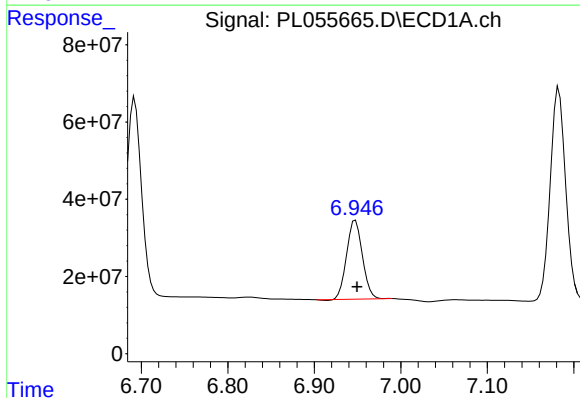
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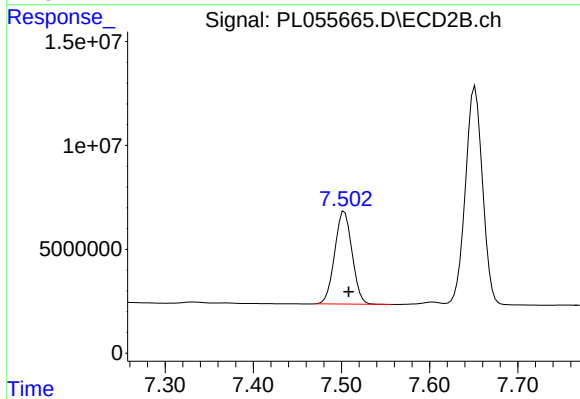
#19 Endosulfan Sulfate

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 131420807
Conc: 59.07 ng/ml



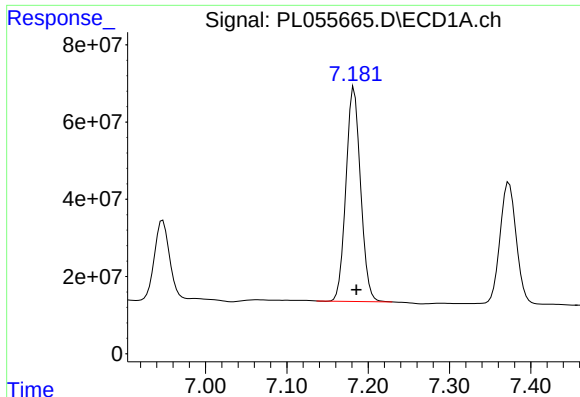
#20 Methoxychlor

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 259304108
Conc: 60.40 ng/ml



#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.005 min
Response: 61169637
Conc: 58.43 ng/ml



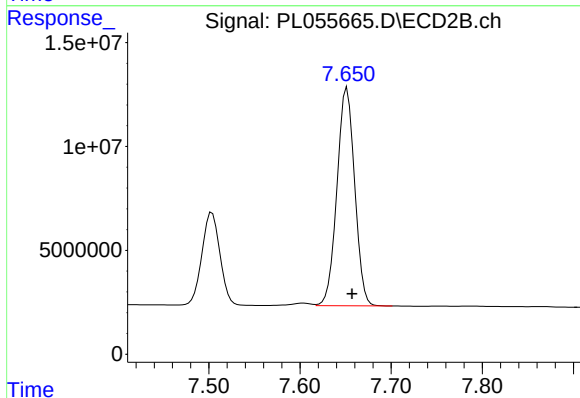
#21 Endrin ketone

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 690249277
Conc: 60.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

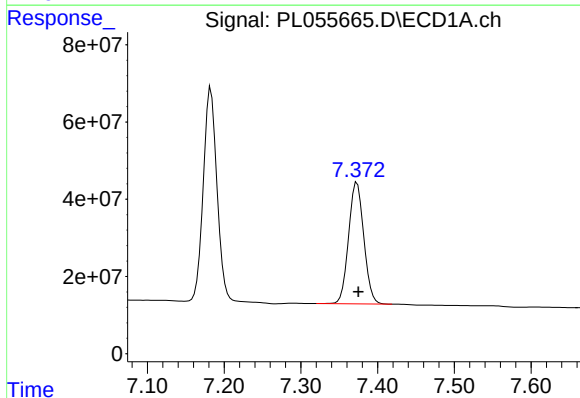
Manual Integrations
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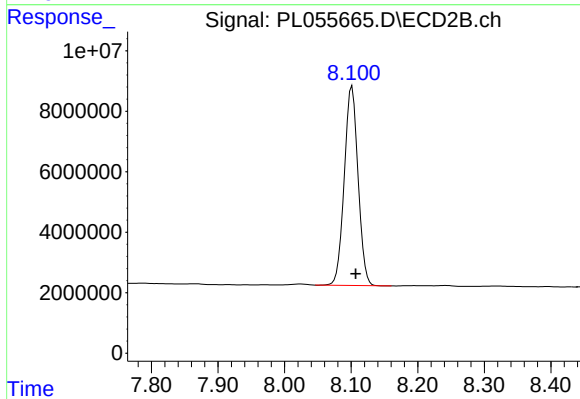
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 141857793
Conc: 59.58 ng/ml



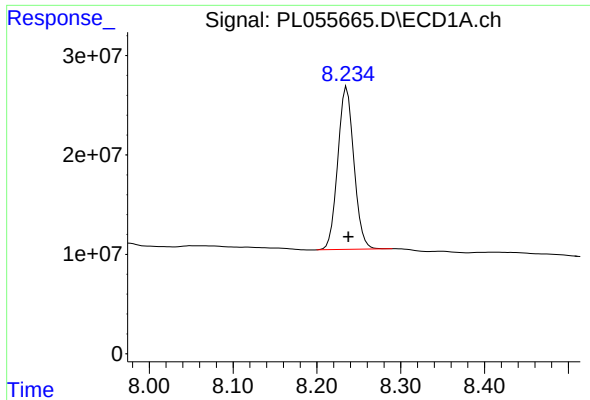
#22 Mirex

R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 436888353
Conc: 63.81 ng/ml



#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 94764495
Conc: 57.80 ng/ml



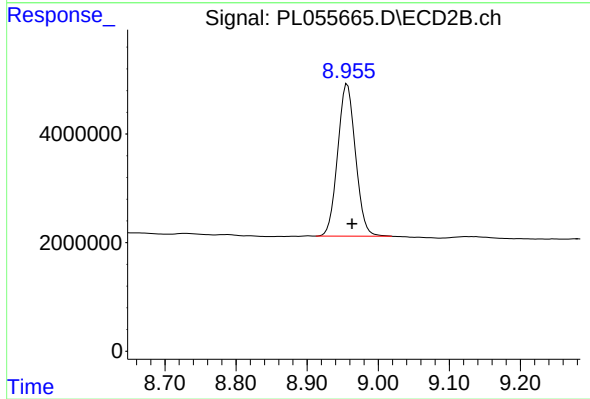
#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 218997484
Conc: 24.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-AMSD

Manual Integrations
APPROVED

mohammad
1/13/2020 8:56:20 AM



#28 Decachlorobiphenyl

R.T.: 8.957 min
Delta R.T.: -0.007 min
Response: 48821186
Conc: 23.48 ng/ml