

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 11:36
 Operator : AR\AJ
 Sample : M4386-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOIL

Manual Integrations
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Reviewed By :Abdul Mirza 12/02/2021
 Supervised By :Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:51:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 17:33:19 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.438	3.967	38181227	241.3E6	18.478	33.252 #
28)	SA Decachlor...	8.164	9.024	22100887	96387452	19.506	19.173
Target Compounds							
2)	A alpha-BHC	3.875	4.360	3067.5E6	8316.9E6	913.198	799.193
3)	MA gamma-BHC...	4.157	4.645	2432.2E6	6666.8E6	756.833	699.586
4)	MA Heptachlor	4.450	5.145	1863.5E6	4341.5E6	572.778	482.340
5)	MB Aldrin	4.696	5.449	2811.8E6	6754.0E6	882.996	803.473
6)	B beta-BHC	4.405	4.822	1153.9E6	3100.7E6	845.345	703.383
7)	B delta-BHC	4.607	5.037	2173.8E6	5835.4E6	726.896	635.848
8)	B Heptachlo...	5.136	5.837	2383.3E6	5113.5E6	827.366	729.287m
9)	A Endosulfan I	5.472	6.194	1258.8E6	2906.0E6	482.750	417.684
10)	B gamma-Chl...	5.360	6.071	2769.5E6	6066.4E6	952.283	824.225
11)	B alpha-Chl...	5.418	6.143	2284.0E6	5121.9E6	803.978	703.175
12)	B 4,4'-DDE	5.582	6.303	2486.1E6	5595.0E6	926.424	808.586
13)	MA Dieldrin	5.714	6.453	2734.5E6	5848.6E6	978.255	797.501
14)	MA Endrin	5.971	6.671	876.2E6	1951.1E6	383.757	347.500
15)	B Endosulfa...	6.244	6.885	1081.7E6	2552.4E6	482.835	425.262
16)	A 4,4'-DDD	6.097	6.797	1293.5E6	3022.8E6	615.501	516.883
17)	MA 4,4'-DDT	6.335	7.095	726.5E6	1935.4E6	343.360	324.275
18)	B Endrin al...	6.412	7.010	308.3E6	794.6E6	184.373	169.444
19)	B Endosulfa...	6.625	7.233	341.3E6	959.4E6	168.286	159.789
20)	A Methoxychlor	6.883	7.557	344.2E6	935.0E6	310.273	290.288
21)	B Endrin ke...	7.117	7.706	1272.1E6	3561.5E6	561.494	492.459

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 11:36
 Operator : AR\AJ
 Sample : M4386-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

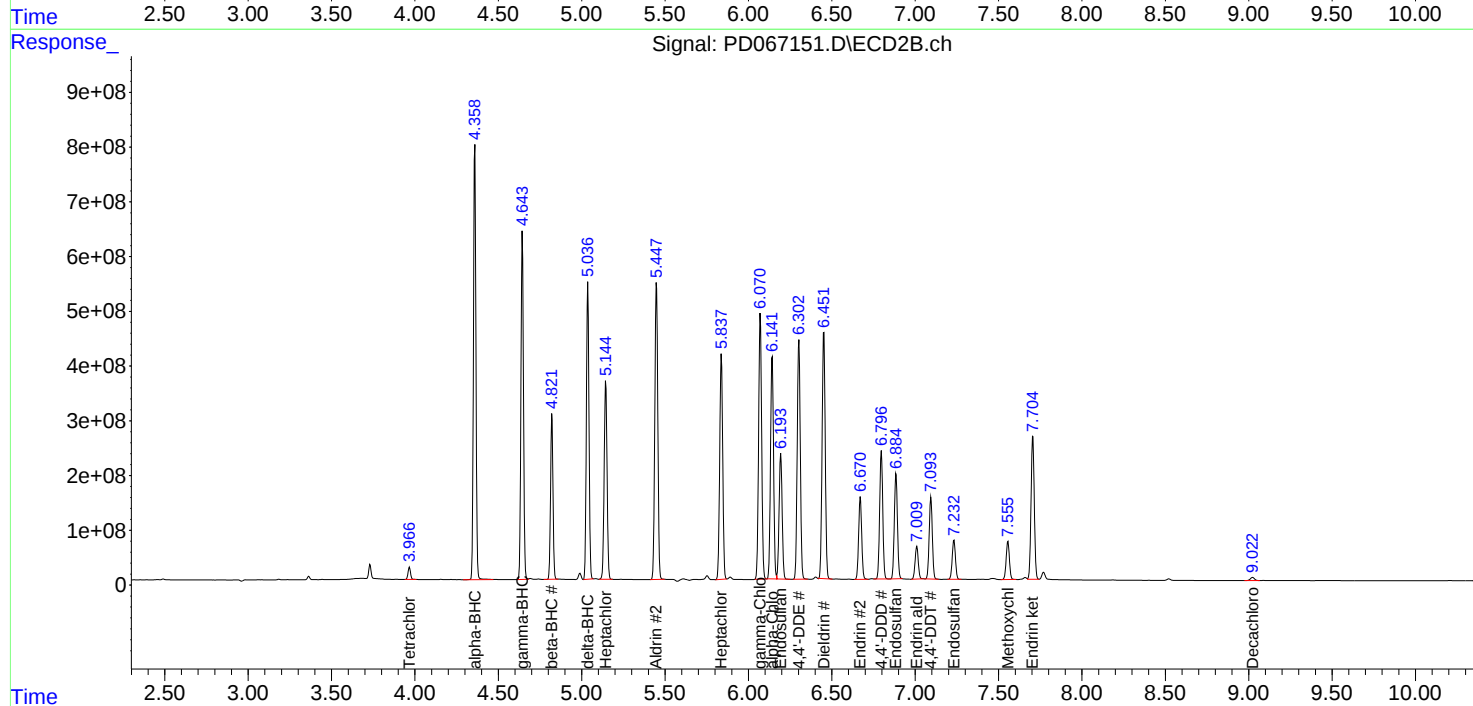
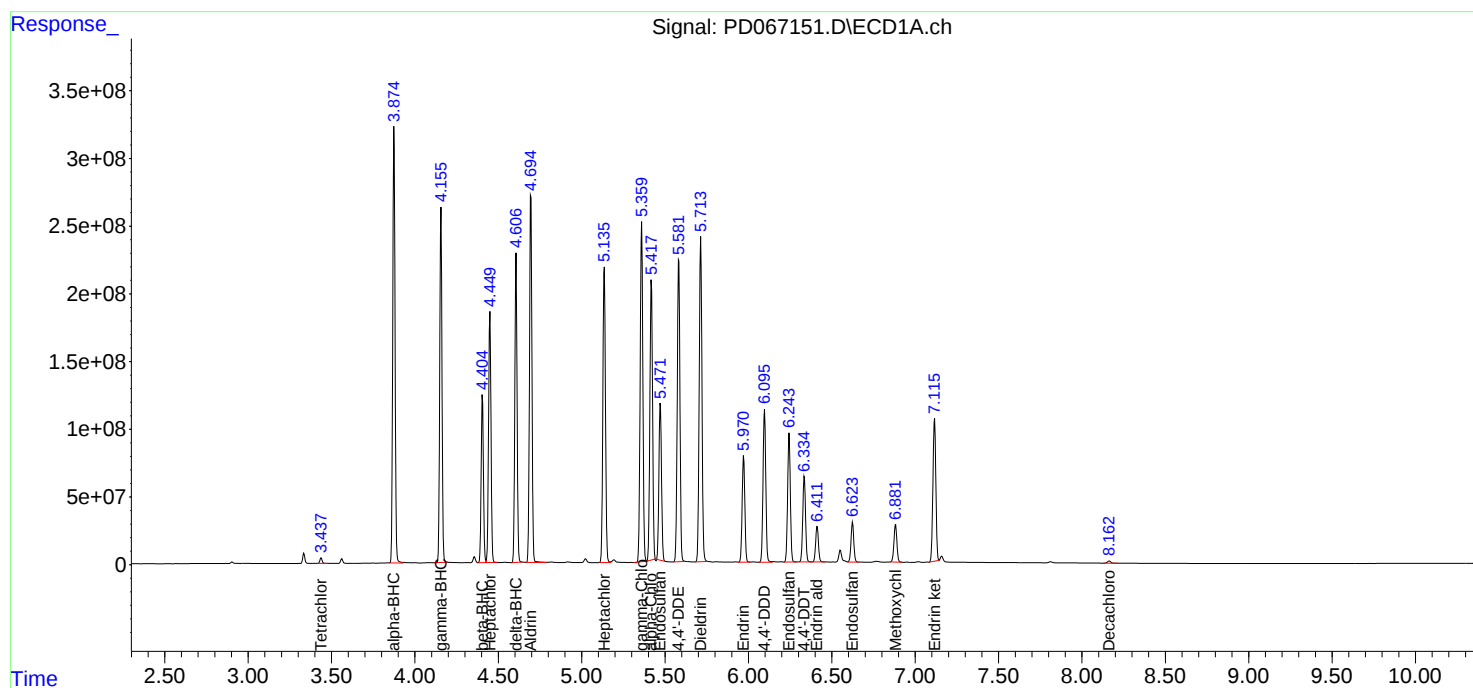
Instrument :
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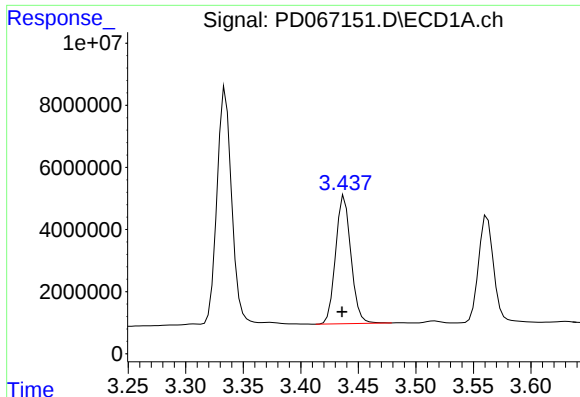
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:51:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
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Volume Inj. : 2 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 x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.438 min
Delta R.T.: 0.002 min
Response: 38181227
Conc: 18.48 ng/ml

Instrument :

ECD_D

ClientSampleId :

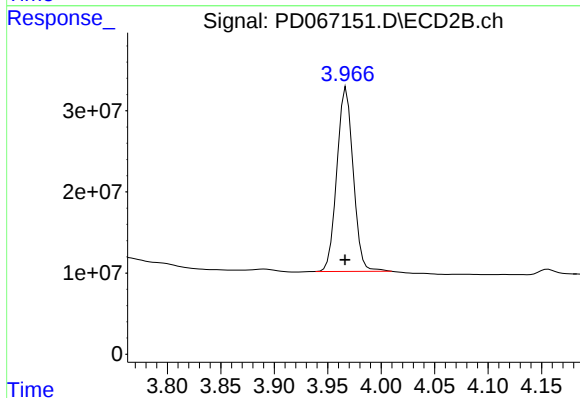
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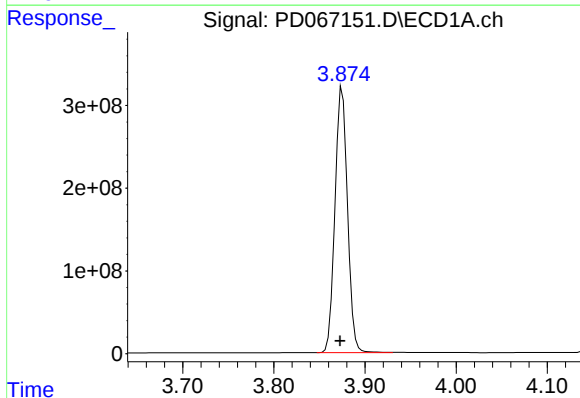
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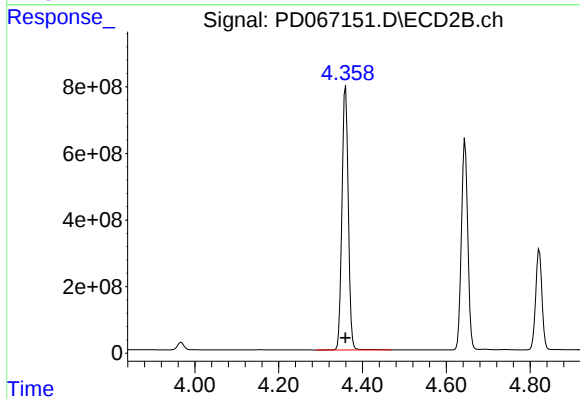
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.001 min
Response: 241348893
Conc: 33.25 ng/ml



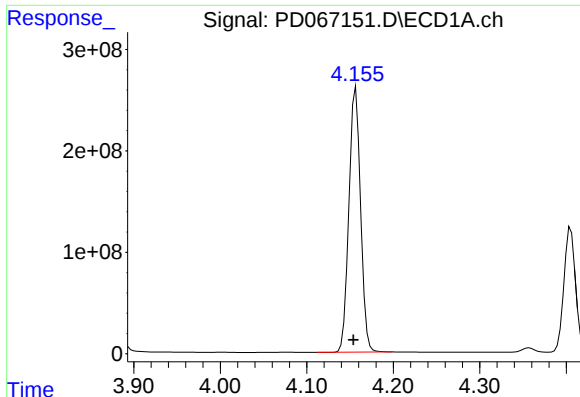
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.003 min
Response: 3067465630
Conc: 913.20 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 8316898844
Conc: 799.19 ng/ml



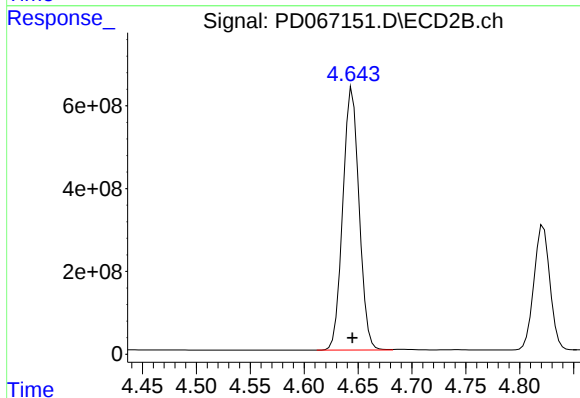
#3 gamma-BHC (Lindane)

R.T.: 4.157 min
Delta R.T.: 0.003 min
Response: 2432174479
Conc: 756.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

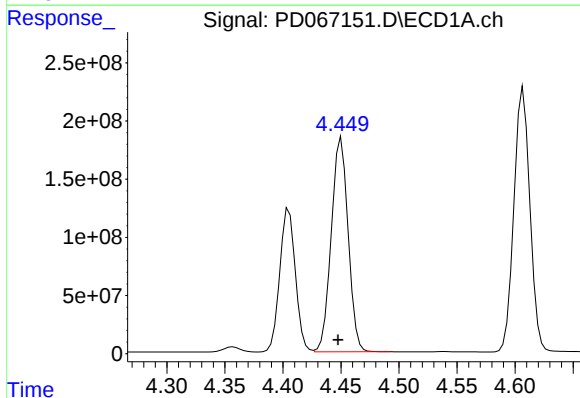
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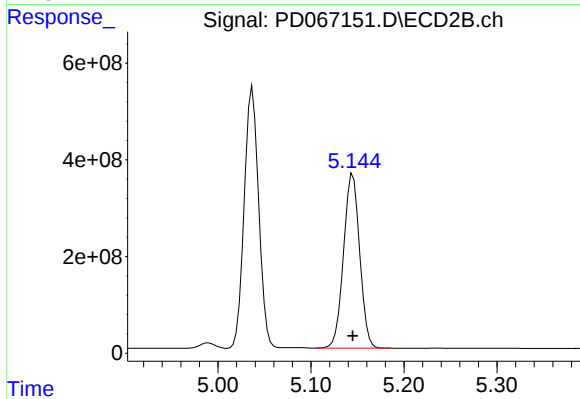
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 6666841502
Conc: 699.59 ng/ml



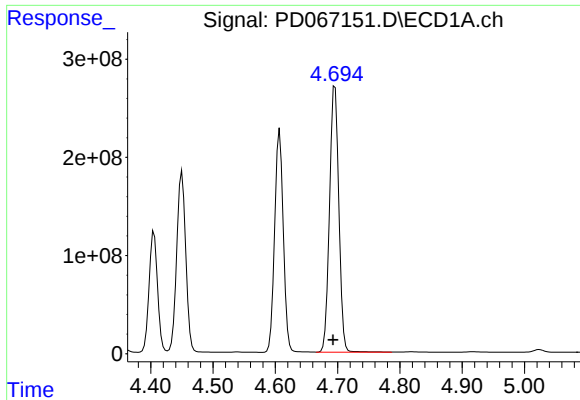
#4 Heptachlor

R.T.: 4.450 min
Delta R.T.: 0.003 min
Response: 1863508204
Conc: 572.78 ng/ml



#4 Heptachlor

R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 4341477472
Conc: 482.34 ng/ml



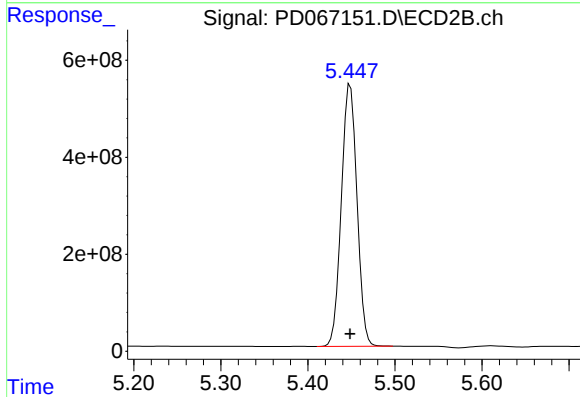
#5 Aldrin

R.T.: 4.696 min
Delta R.T.: 0.003 min
Response: 2811768989
Conc: 883.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

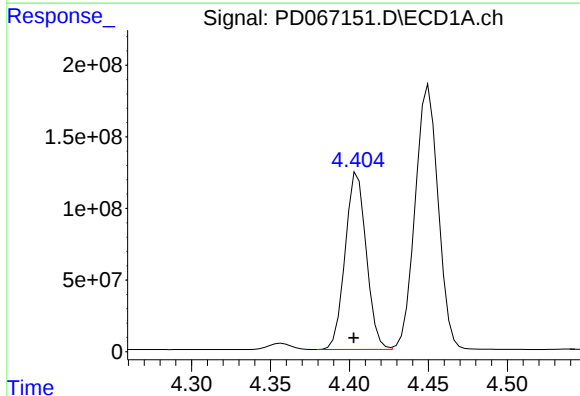
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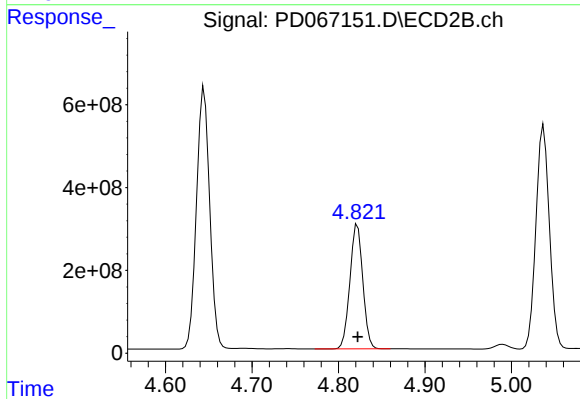
#5 Aldrin

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 6754006342
Conc: 803.47 ng/ml



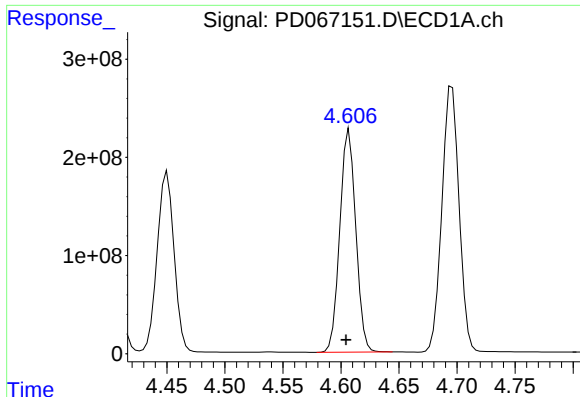
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: 0.003 min
Response: 1153897007
Conc: 845.35 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 3100662185
Conc: 703.38 ng/ml



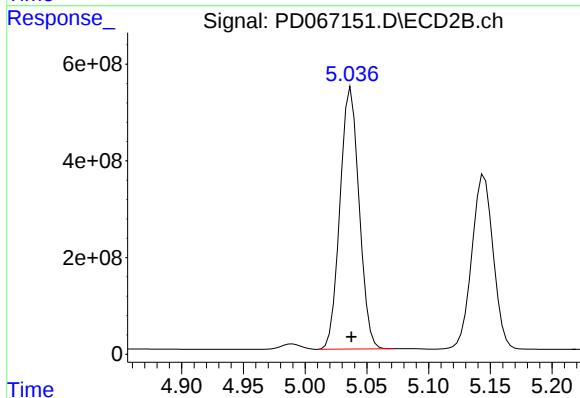
#7 delta-BHC

R.T.: 4.607 min
Delta R.T.: 0.003 min
Response: 2173775438
Conc: 726.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

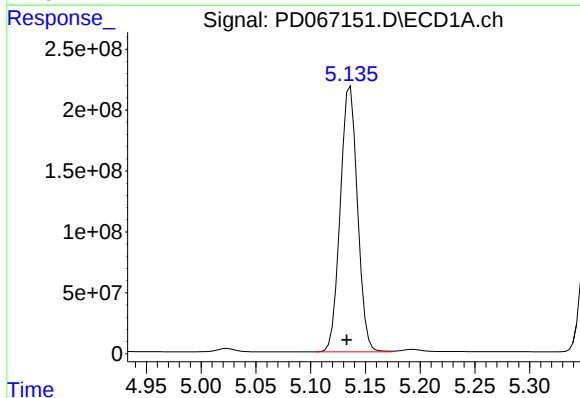
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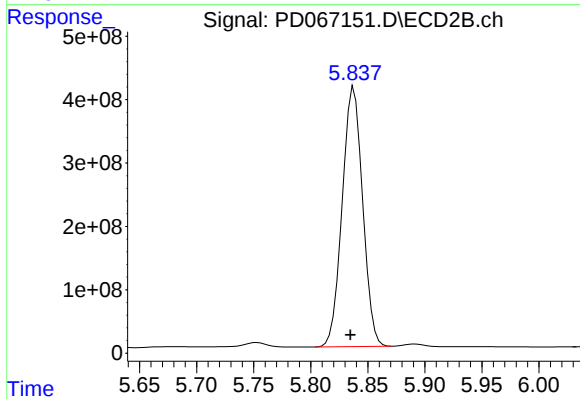
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 5835373263
Conc: 635.85 ng/ml



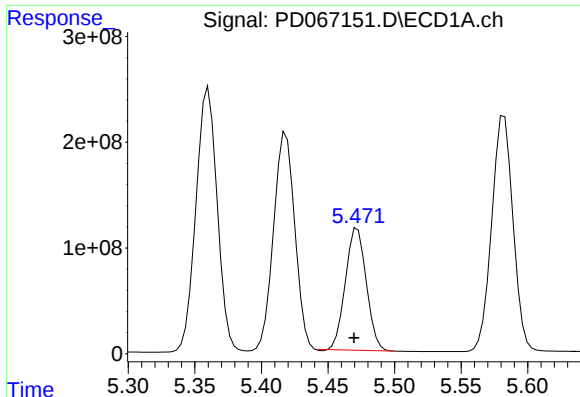
#8 Heptachlor epoxide

R.T.: 5.136 min
Delta R.T.: 0.003 min
Response: 2383316560
Conc: 827.37 ng/ml



#8 Heptachlor epoxide

R.T.: 5.837 min
Delta R.T.: 0.002 min
Response: 5113513291
Conc: 729.29 ng/ml m



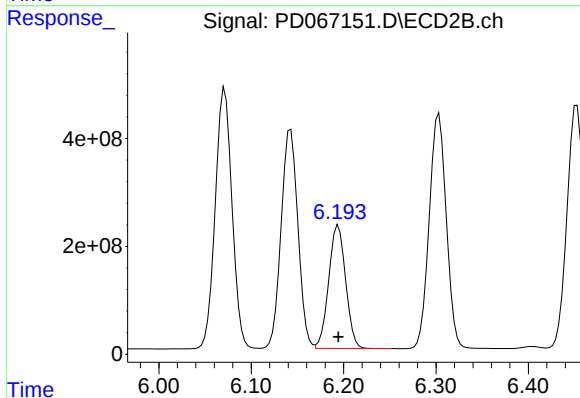
#9 Endosulfan I

R.T.: 5.472 min
Delta R.T.: 0.003 min
Response: 1258796364
Conc: 482.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

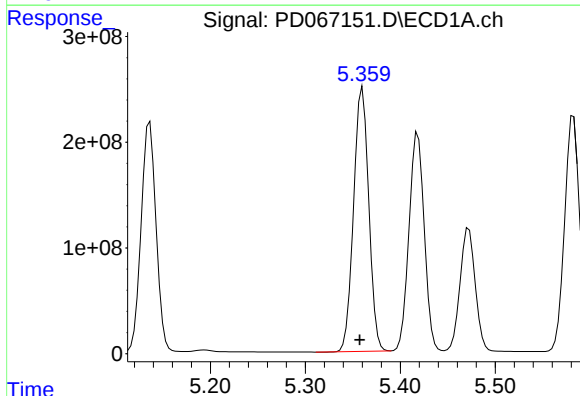
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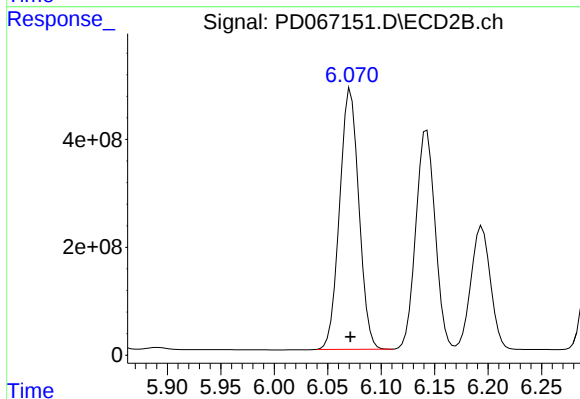
#9 Endosulfan I

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 2905994923
Conc: 417.68 ng/ml



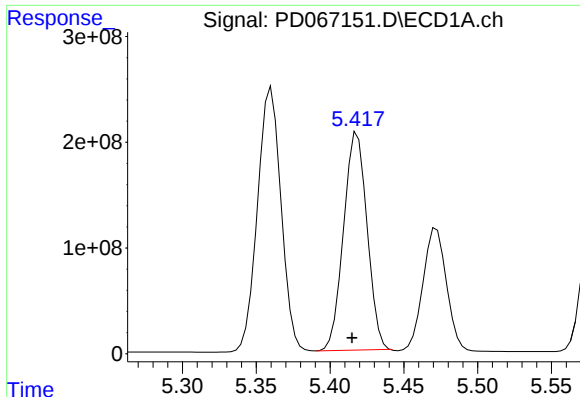
#10 gamma-Chlordane

R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 2769526739
Conc: 952.28 ng/ml



#10 gamma-Chlordane

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 6066405511
Conc: 824.23 ng/ml



#11 alpha-Chlordane

R.T.: 5.418 min
Delta R.T.: 0.004 min
Response: 2284011066
Conc: 803.98 ng/ml

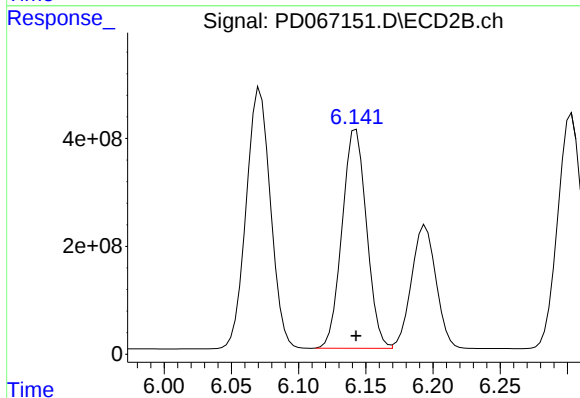
Instrument :

ECD_D

ClientSampleId :
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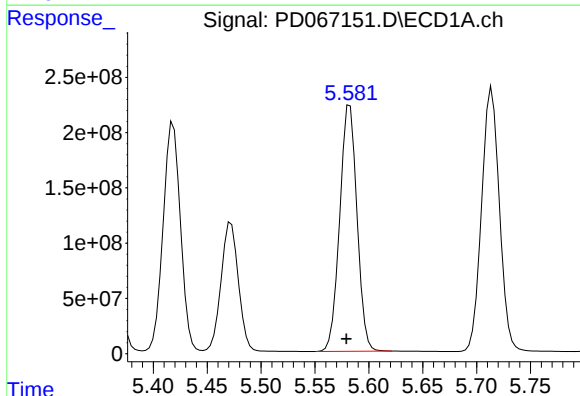
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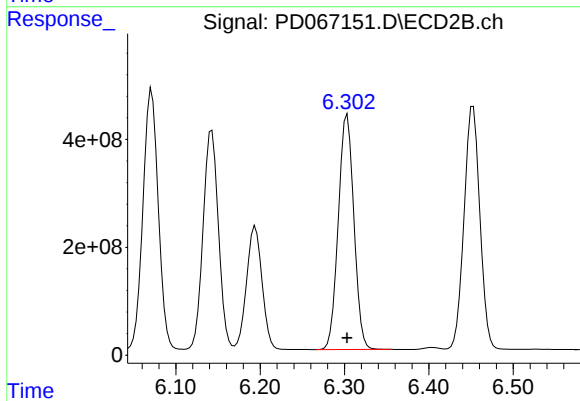
#11 alpha-Chlordane

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 5121867168
Conc: 703.18 ng/ml



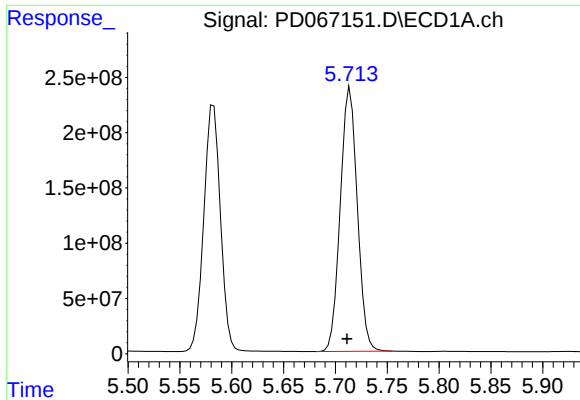
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: 0.003 min
Response: 2486128893
Conc: 926.42 ng/ml



#12 4,4'-DDE

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 5595009144
Conc: 808.59 ng/ml



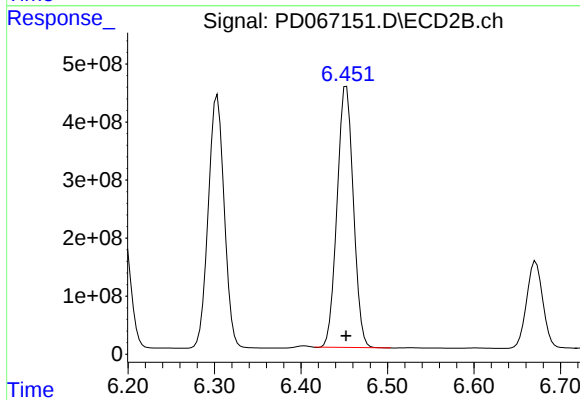
#13 Dieldrin

R.T.: 5.714 min
Delta R.T.: 0.003 min
Response: 2734493714
Conc: 978.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
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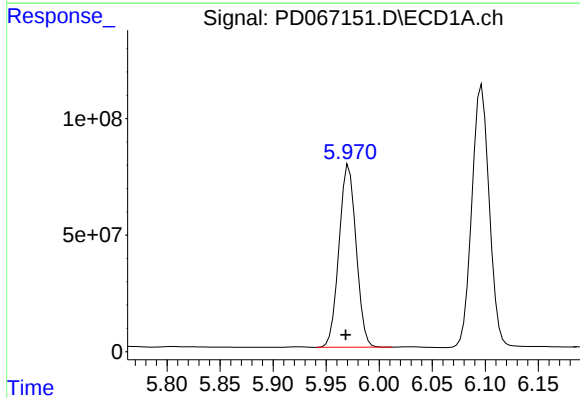
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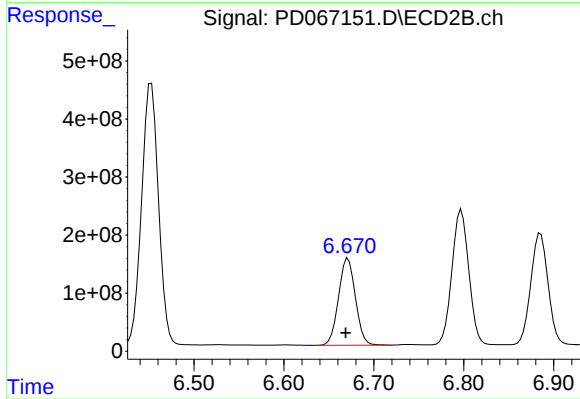
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 5848600851
Conc: 797.50 ng/ml



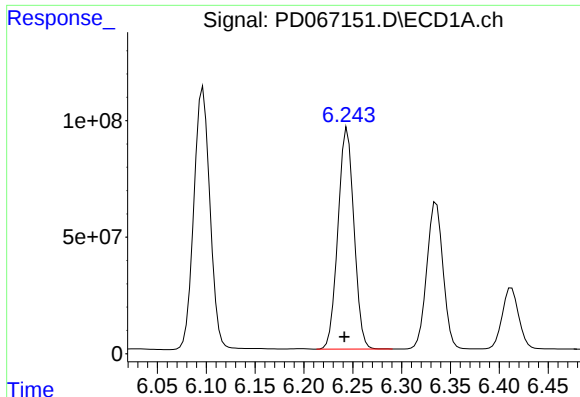
#14 Endrin

R.T.: 5.971 min
Delta R.T.: 0.003 min
Response: 876219569
Conc: 383.76 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.003 min
Response: 1951125812
Conc: 347.50 ng/ml



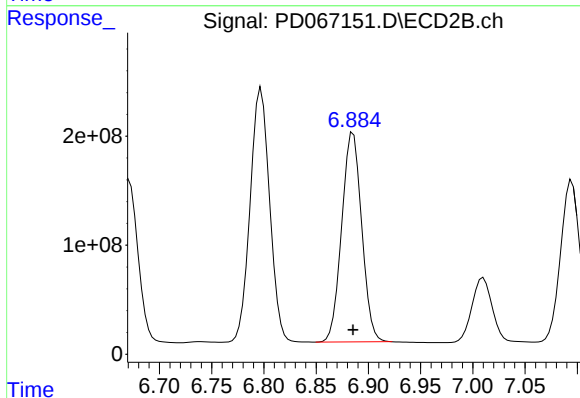
#15 Endosulfan II

R.T.: 6.244 min
Delta R.T.: 0.003 min
Response: 1081700896
Conc: 482.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

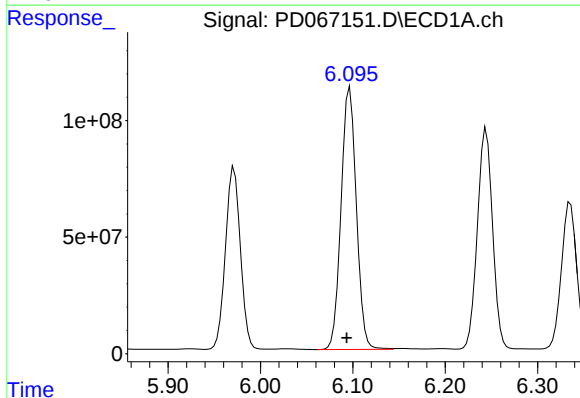
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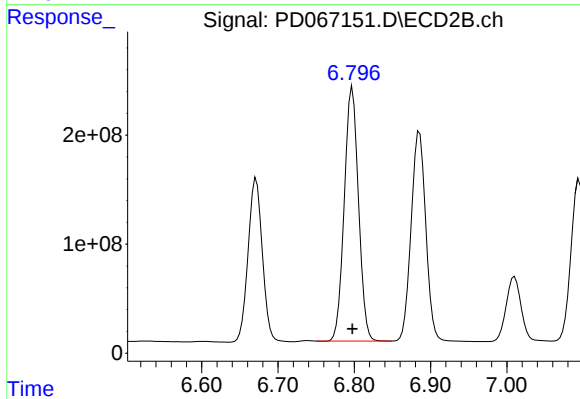
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 2552434925
Conc: 425.26 ng/ml



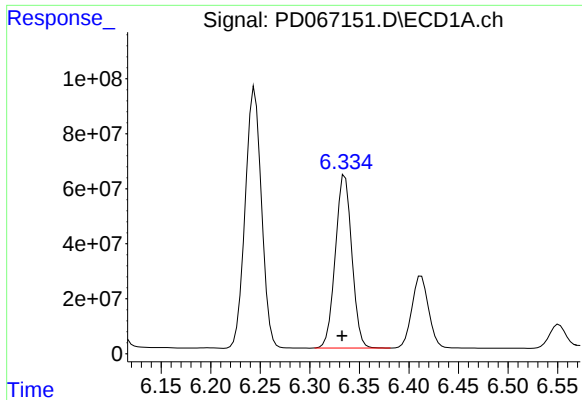
#16 4,4'-DDD

R.T.: 6.097 min
Delta R.T.: 0.003 min
Response: 1293515307
Conc: 615.50 ng/ml



#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 3022833692
Conc: 516.88 ng/ml



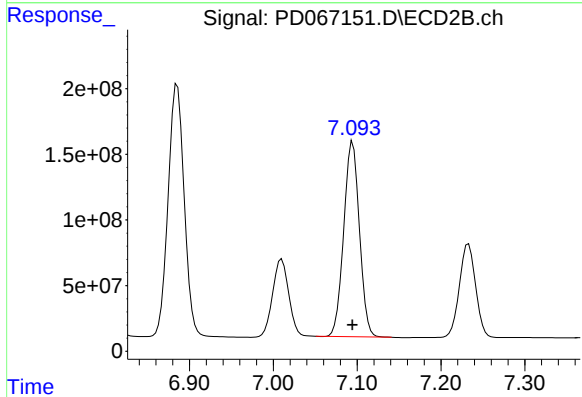
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: 0.003 min
Response: 726503061
Conc: 343.36 ng/ml

Instrument :
ECD_D
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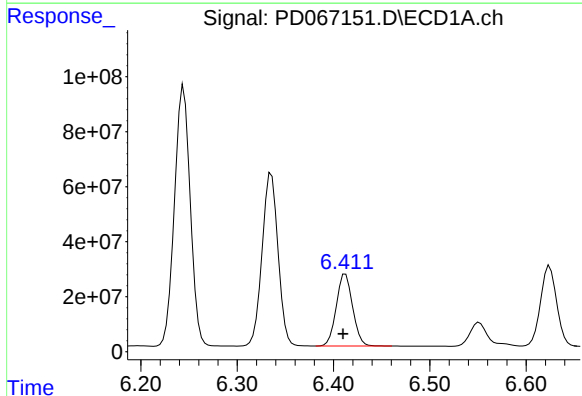
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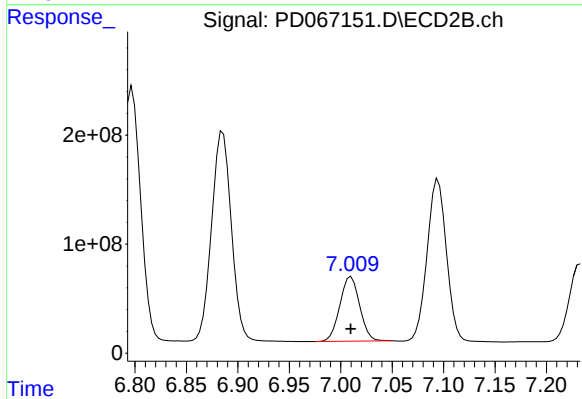
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 1935390133
Conc: 324.27 ng/ml



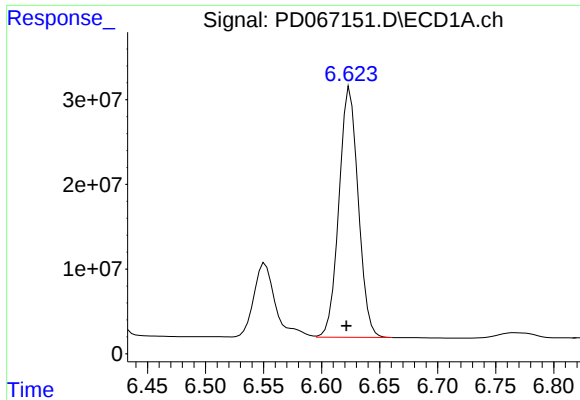
#18 Endrin aldehyde

R.T.: 6.412 min
Delta R.T.: 0.002 min
Response: 308331019
Conc: 184.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 794640145
Conc: 169.44 ng/ml



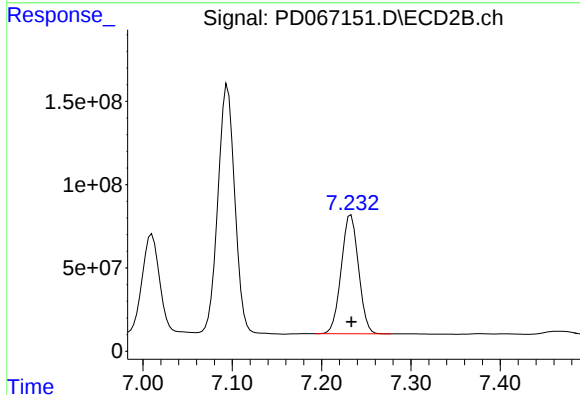
#19 Endosulfan Sulfate

R.T.: 6.625 min
Delta R.T.: 0.003 min
Response: 341306282
Conc: 168.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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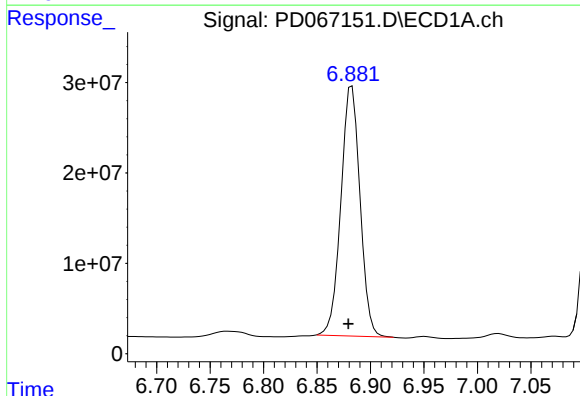
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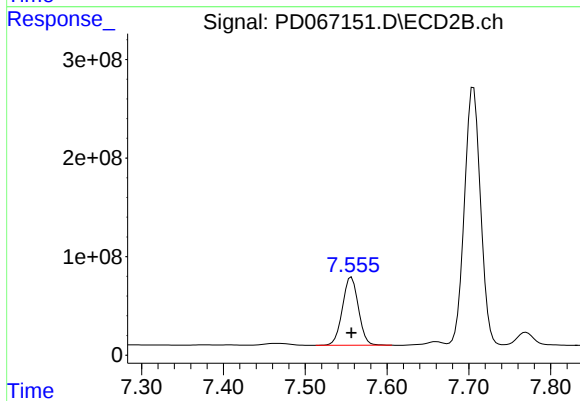
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 959356980
Conc: 159.79 ng/ml



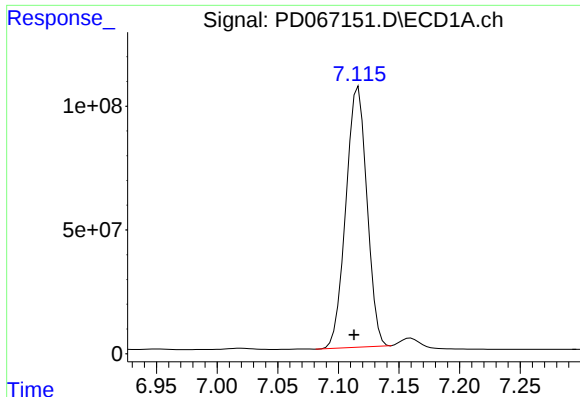
#20 Methoxychlor

R.T.: 6.883 min
Delta R.T.: 0.003 min
Response: 344161848
Conc: 310.27 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 934996213
Conc: 290.29 ng/ml



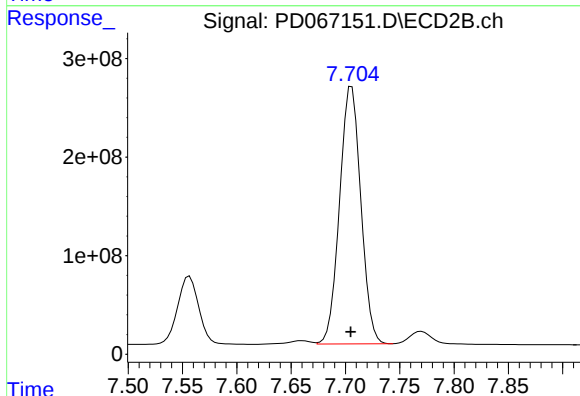
#21 Endrin ketone

R.T.: 7.117 min
Delta R.T.: 0.004 min
Response: 1272123368
Conc: 561.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL

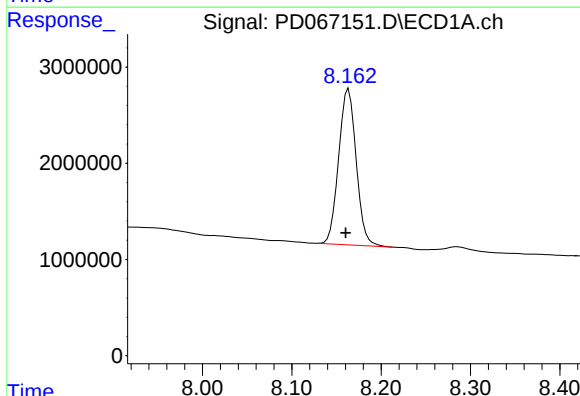
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2021
Supervised By :Ankita Jodhani 12/02/2021



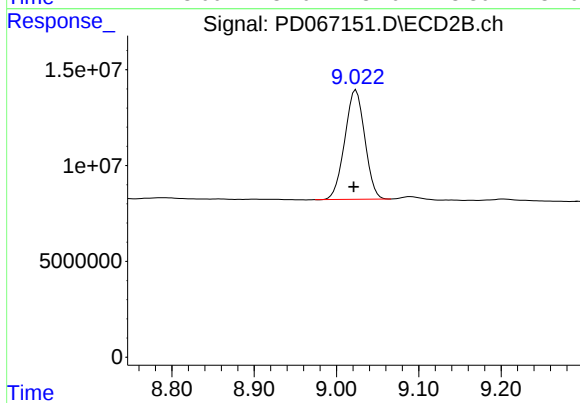
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 3561515928
Conc: 492.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: 0.003 min
Response: 22100887
Conc: 19.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.003 min
Response: 96387452
Conc: 19.17 ng/ml