

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
 Data File : PD068170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2022 12:47
 Operator : AR\AJ
 Sample : N1650-03MSD 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NW-SURFICIAL-SOIL-(NW-SS)MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/25/2022
 Supervised By :Ankita Jodhani 02/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:02:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 13:16:10 2022
 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...	3.450	4.174	5740620	39556451	3.943	4.277m
28) SA Decachlor...	8.213	9.369	5427818	22162041	3.788	4.452
Target Compounds						
2) A alpha-BHC	3.890	4.571	17925864	126.0E6	8.064	9.535
3) MA gamma-BHC...	4.173	4.861	18048719	116.5E6	8.832	9.813m
4) MA Heptachlor	4.473	5.389	17347433	104.6E6	8.936	10.228
5) MB Aldrin	4.721	5.701	17442274	112.3E6	8.066	9.758
6) B beta-BHC	4.423	5.024	8415725	48846031	9.878	9.441
7) B delta-BHC	4.627	5.249	17164081	118.0E6	8.374	9.968
8) B Heptachlo...	5.165	6.090	16904264	105.7E6	8.673	10.467
9) A Endosulfan I	5.503	6.452	14715622	96970537	8.208m	10.816 #
10) B gamma-Chl...	5.391	6.326	21213346	107.3E6	10.666	10.941
11) B alpha-Chl...	5.450	6.401	18567778	106.3E6	9.496	11.096
12) B 4,4'-DDE	5.617	6.551	18038974	106.8E6	9.903	11.819
13) MA Dieldrin	5.747	6.711	20163682	91902956	10.166	9.556
14) MA Endrin	6.005	6.930	15408065	70481255	9.391	9.834
15) B Endosulfa...	6.279	7.135	15523788	73477905	9.235	9.622
16) A 4,4'-DDD	6.133	7.042	19453574	105.4E6	12.691	15.040
17) MA 4,4'-DDT	6.374	7.345	18744534	90197187	13.625	15.909
18) B Endrin al...	6.449	7.260	10395031	52842081	9.417	10.204
19) B Endosulfa...	6.662	7.484	14514014	66905338	9.232	9.791
20) A Methoxychlor	6.924	7.797	5591121	27171694	7.186m	10.040 #
21) B Endrin ke...	7.154	7.960	14503760	68775902	8.117	9.568
22) Mirex	7.340	8.425	14064204	58676818	9.840	11.705

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
 Data File : PD068170.D
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 Acq On : 24 Feb 2022 12:47
 Operator : AR\AJ
 Sample : N1650-03MSD 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

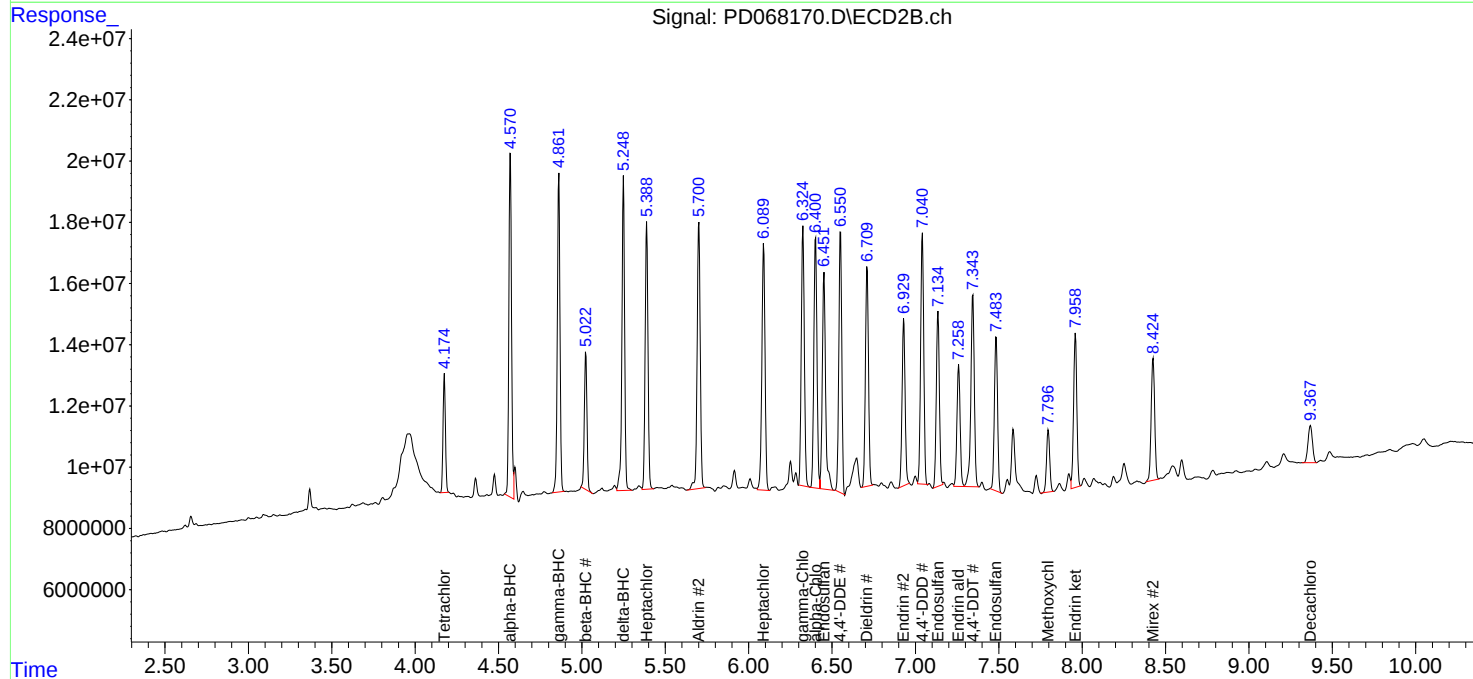
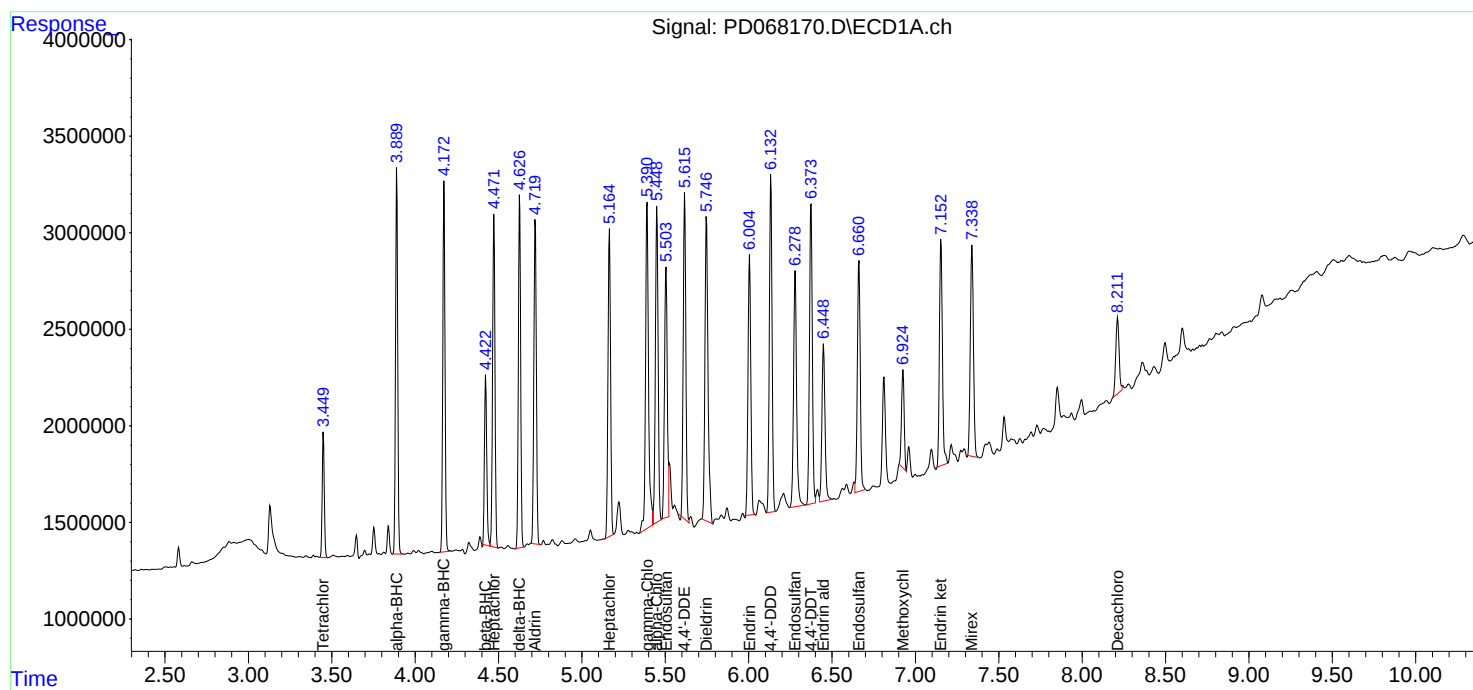
Instrument :
 ECD_D
 ClientSampleId :
 NW-SURFICIAL-SOIL-(NW-SS)MSD

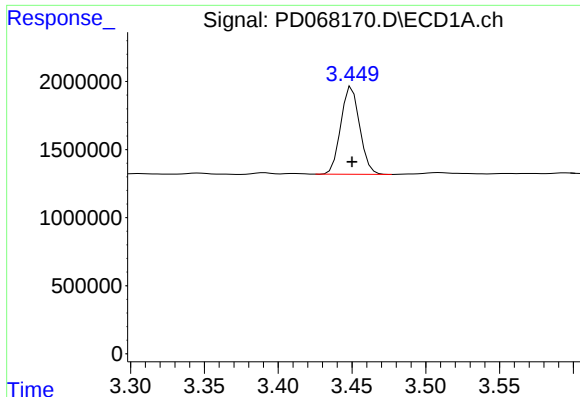
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 02/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:02:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
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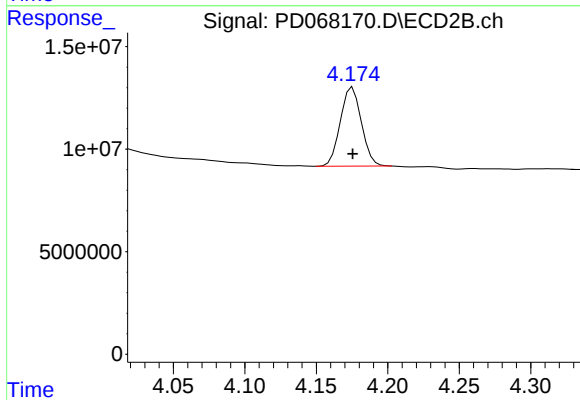
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 5740620
Conc: 3.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MSD

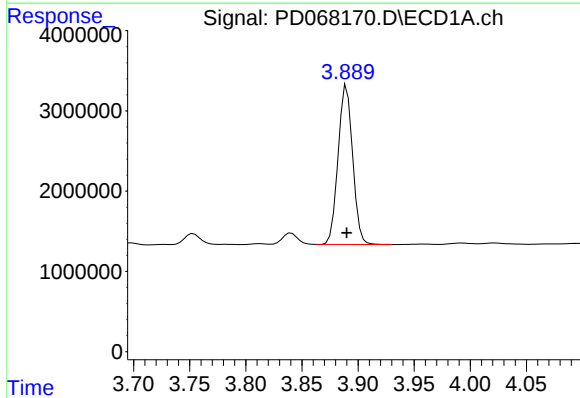
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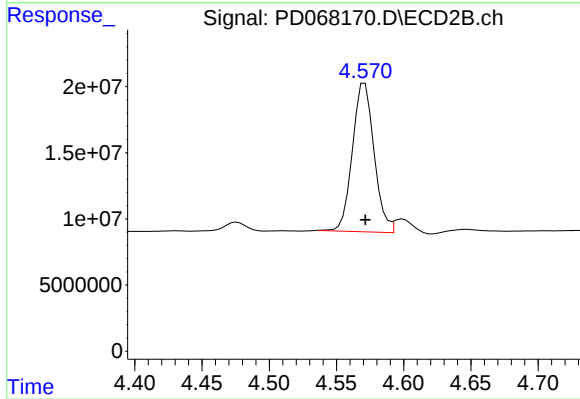
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 39556451
Conc: 4.28 ng/ml m



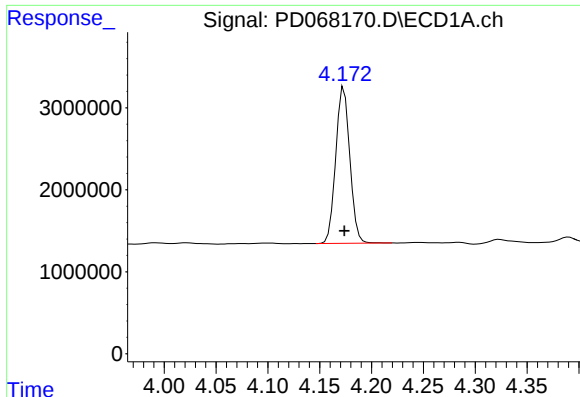
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 17925864
Conc: 8.06 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 126040010
Conc: 9.54 ng/ml



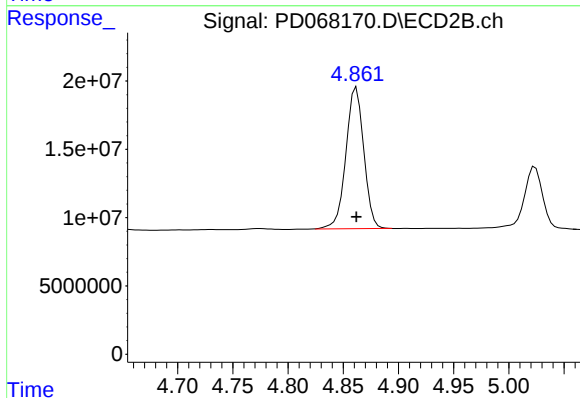
#3 gamma-BHC (Lindane)

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 18048719
Conc: 8.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
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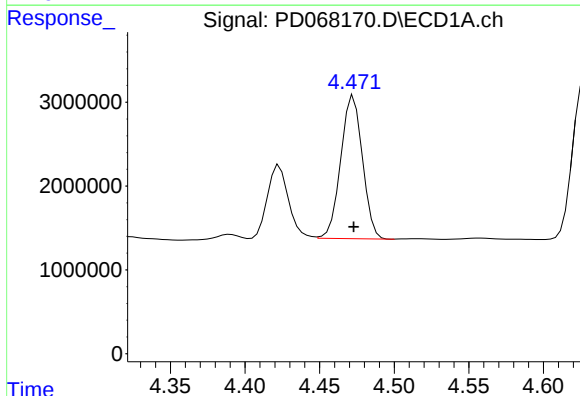
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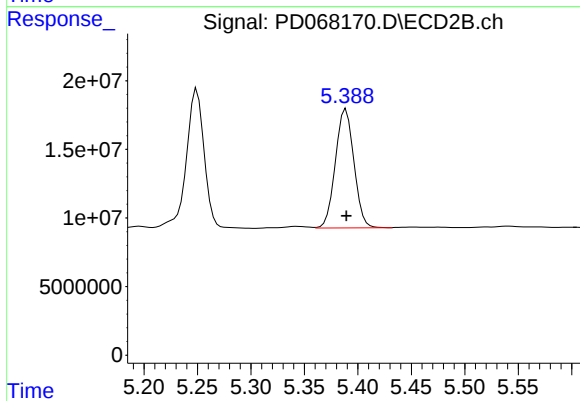
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: -0.001 min
Response: 116513847
Conc: 9.81 ng/ml m



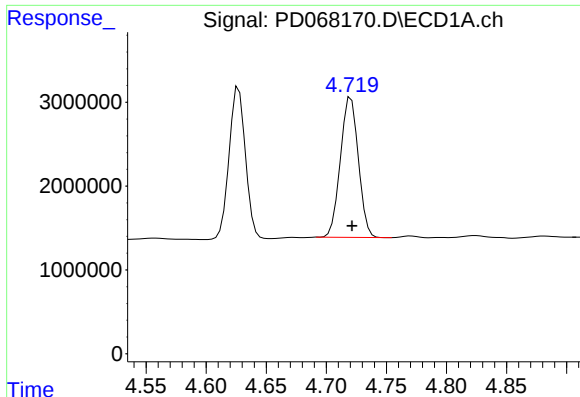
#4 Heptachlor

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 17347433
Conc: 8.94 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 104555638
Conc: 10.23 ng/ml



#5 Aldrin

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 17442274
Conc: 8.07 ng/ml

Instrument :

ECD_D

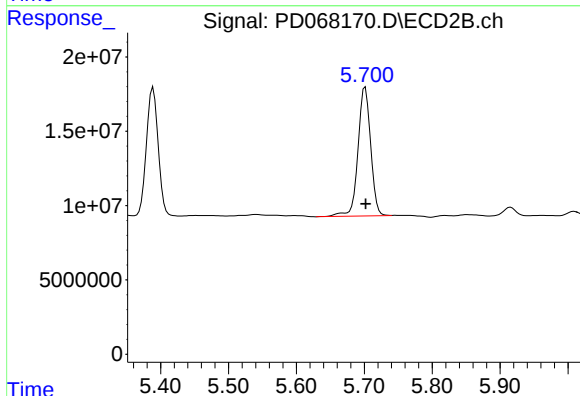
ClientSampleId :

NW-SURFICIAL-SOIL-(NW-SS)MSD

Manual Integrations

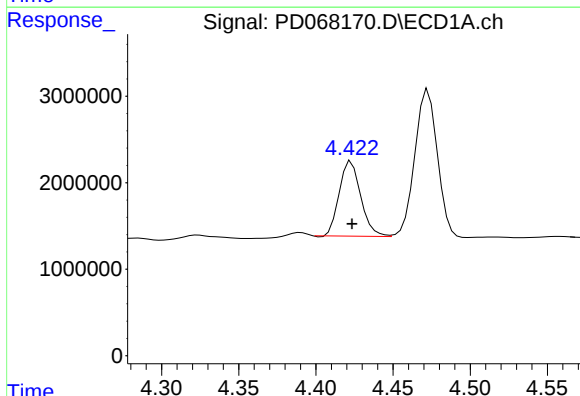
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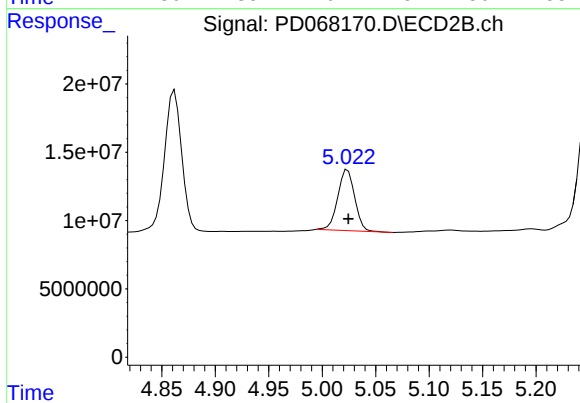
#5 Aldrin

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 112296518
Conc: 9.76 ng/ml



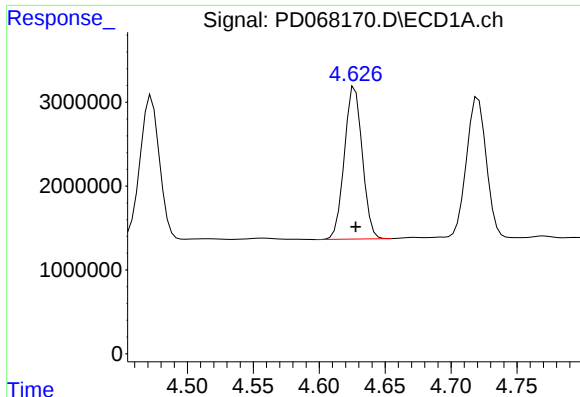
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 8415725
Conc: 9.88 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 48846031
Conc: 9.44 ng/ml



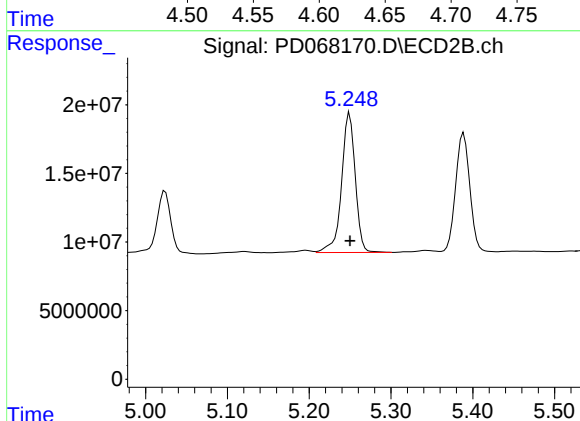
#7 delta-BHC

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 17164081
Conc: 8.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
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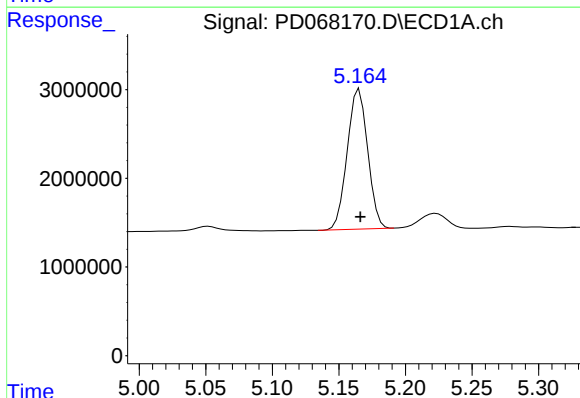
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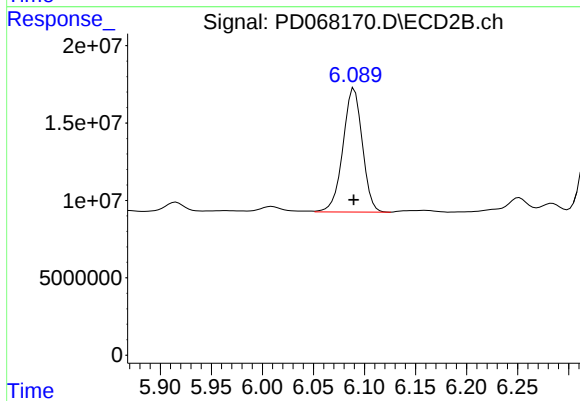
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 117987382
Conc: 9.97 ng/ml



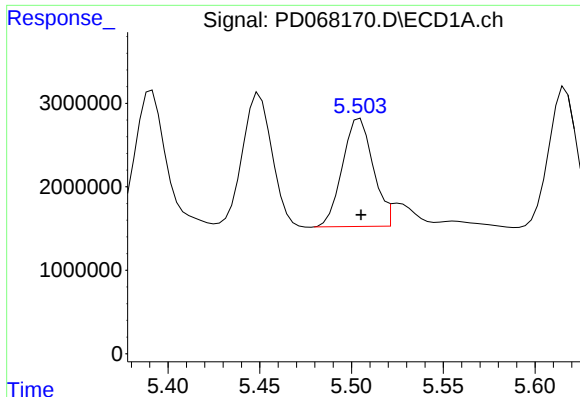
#8 Heptachlor epoxide

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 16904264
Conc: 8.67 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 105670032
Conc: 10.47 ng/ml



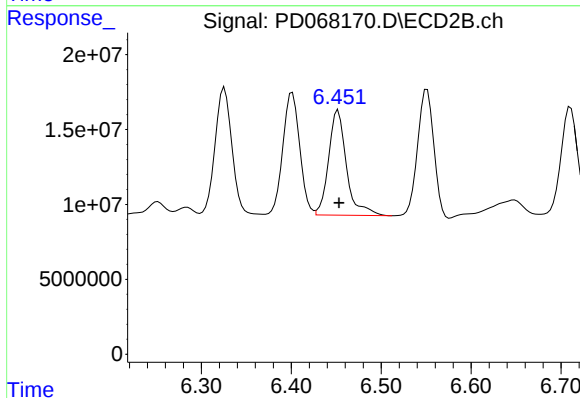
#9 Endosulfan I

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 14715622
Conc: 8.21 ng/ml

Instrument :
ECD_D
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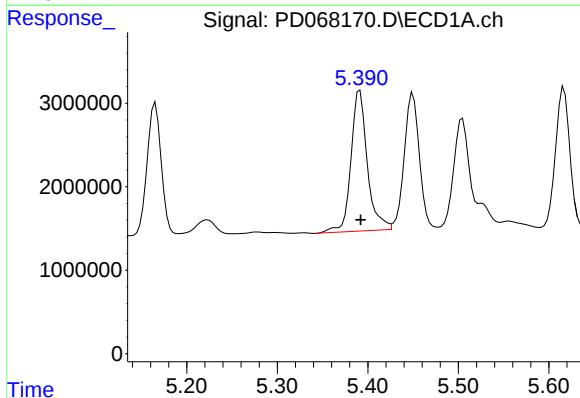
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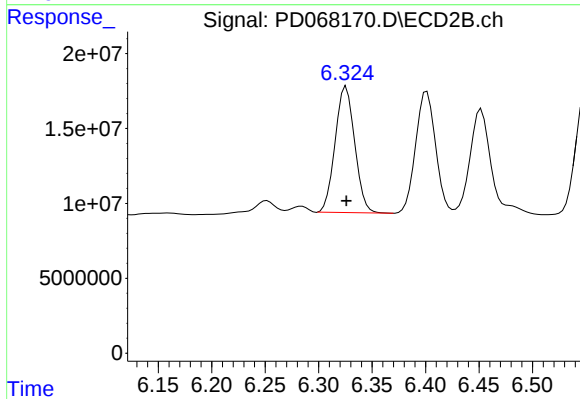
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 96970537
Conc: 10.82 ng/ml



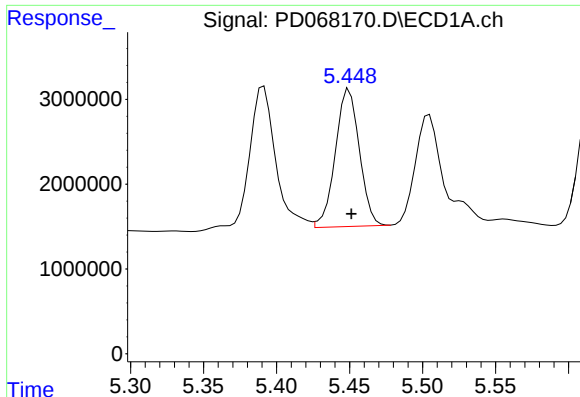
#10 gamma-Chlordane

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 21213346
Conc: 10.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 107341606
Conc: 10.94 ng/ml



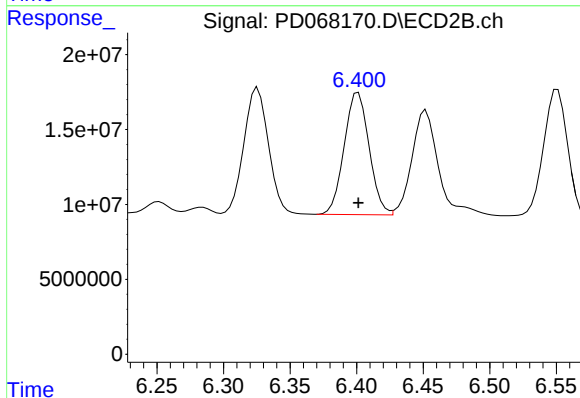
#11 alpha-Chlordane

R.T.: 5.450 min
Delta R.T.: -0.001 min
Response: 18567778
Conc: 9.50 ng/ml

Instrument :
ECD_D
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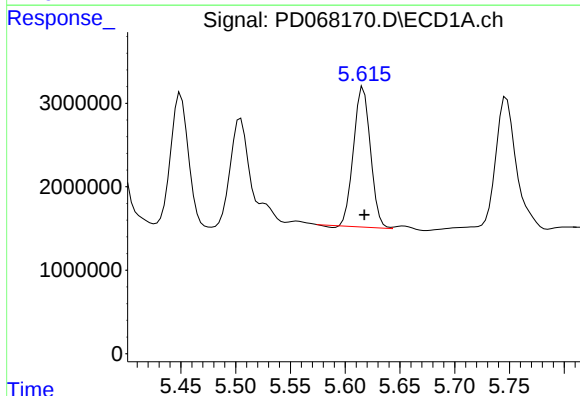
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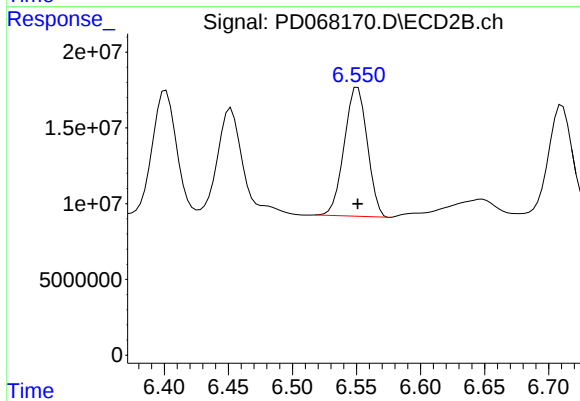
#11 alpha-Chlordane

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 106325102
Conc: 11.10 ng/ml



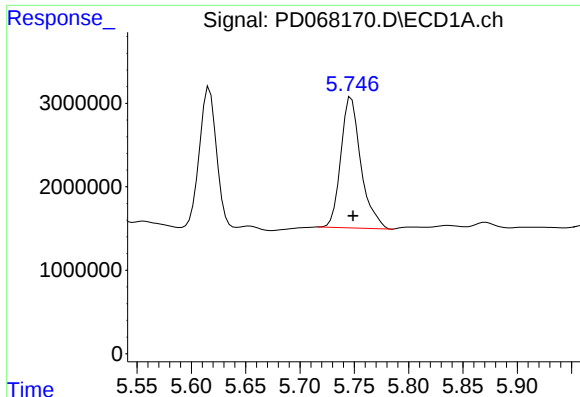
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: -0.001 min
Response: 18038974
Conc: 9.90 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 106778784
Conc: 11.82 ng/ml



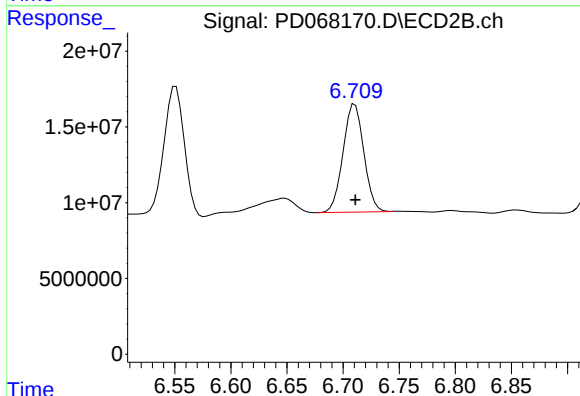
#13 Dieldrin

R.T.: 5.747 min
Delta R.T.: -0.001 min
Response: 20163682
Conc: 10.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MSD

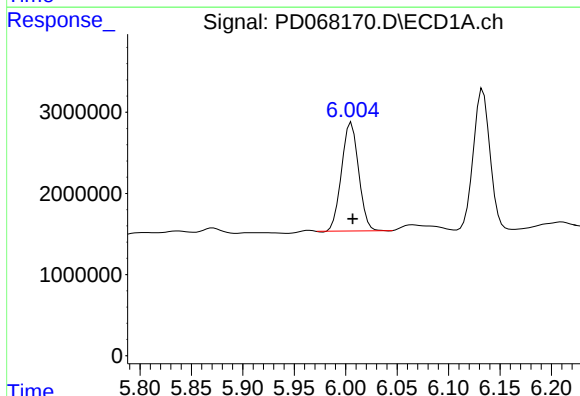
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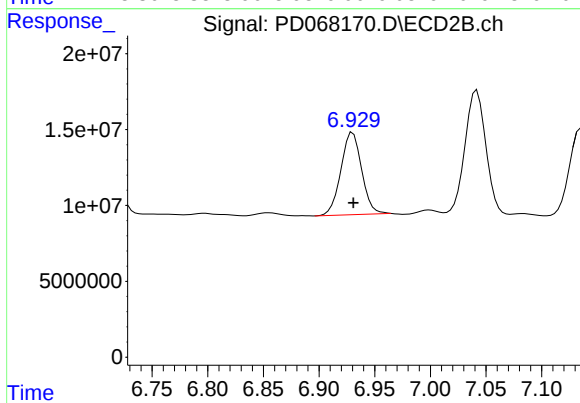
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 91902956
Conc: 9.56 ng/ml



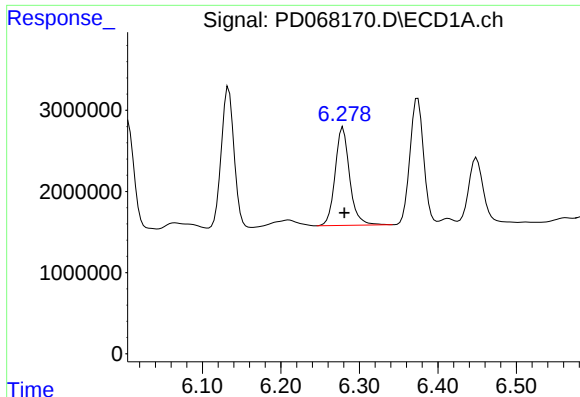
#14 Endrin

R.T.: 6.005 min
Delta R.T.: -0.001 min
Response: 15408065
Conc: 9.39 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 70481255
Conc: 9.83 ng/ml



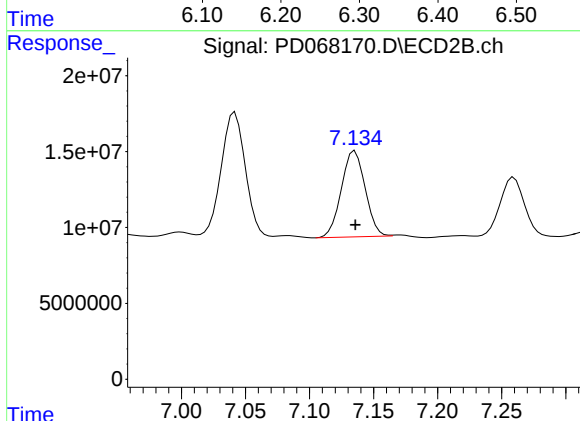
#15 Endosulfan II

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 15523788
Conc: 9.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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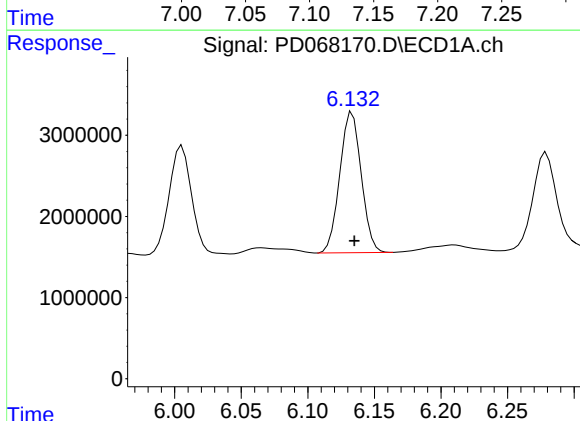
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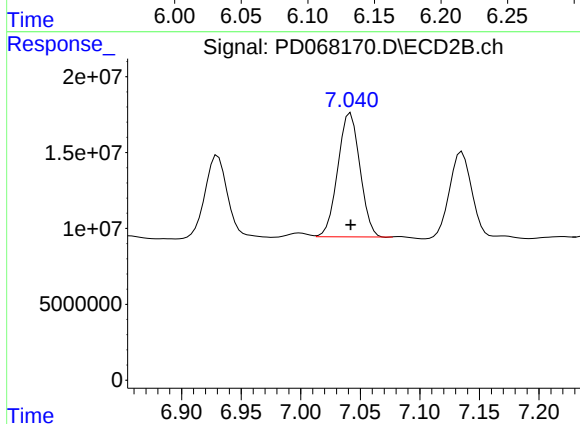
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 73477905
Conc: 9.62 ng/ml



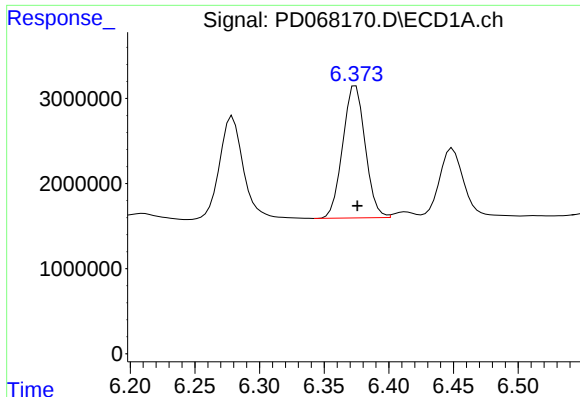
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 19453574
Conc: 12.69 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 105414451
Conc: 15.04 ng/ml



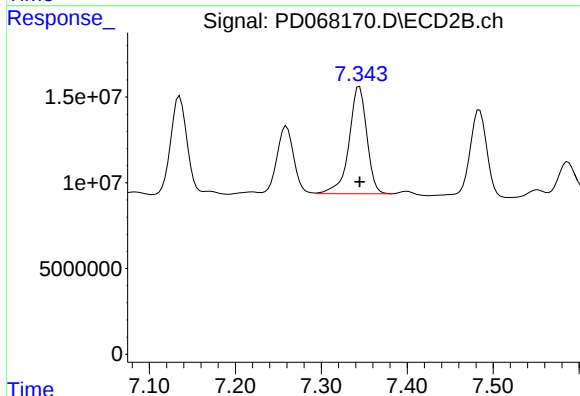
#17 4,4'-DDT

R.T.: 6.374 min
Delta R.T.: -0.001 min
Response: 18744534
Conc: 13.62 ng/ml

Instrument :
ECD_D
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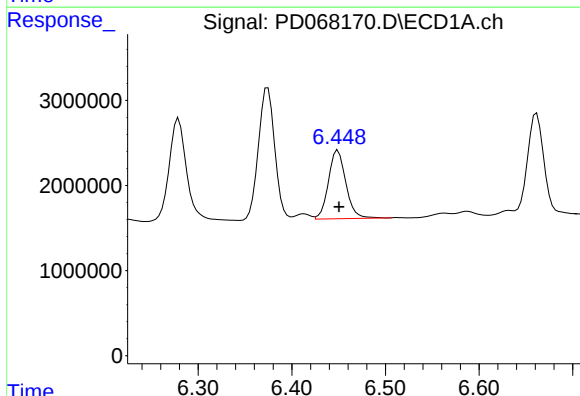
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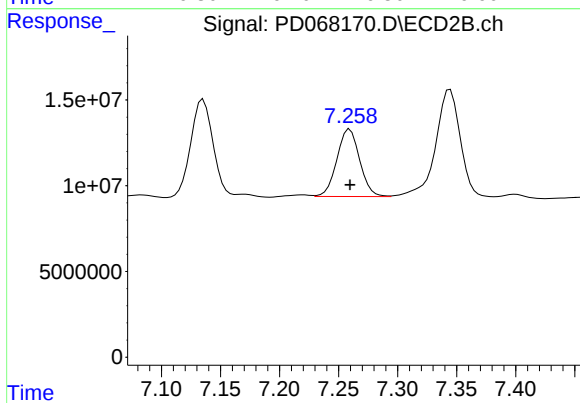
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 90197187
Conc: 15.91 ng/ml



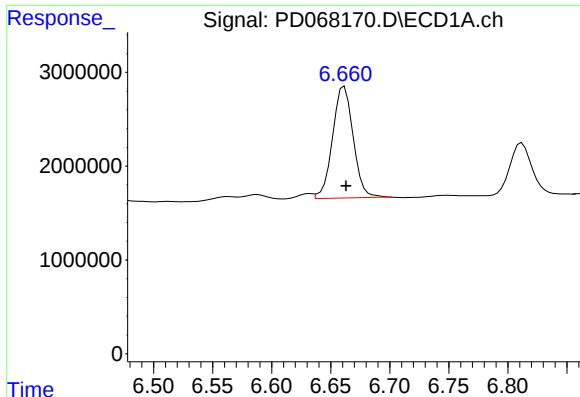
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: -0.001 min
Response: 10395031
Conc: 9.42 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 52842081
Conc: 10.20 ng/ml



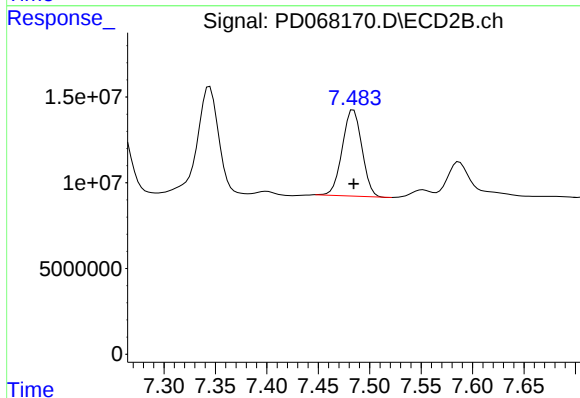
#19 Endosulfan Sulfate

R.T.: 6.662 min
Delta R.T.: -0.002 min
Response: 14514014
Conc: 9.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MSD

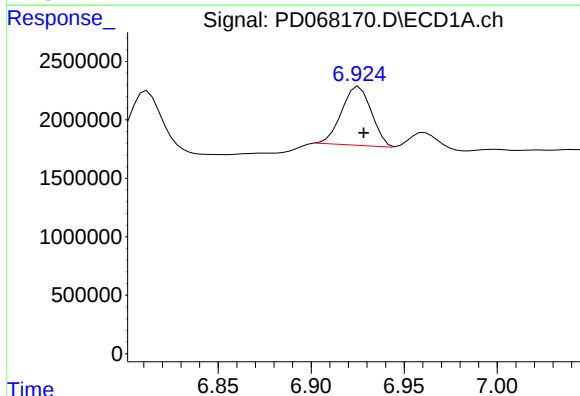
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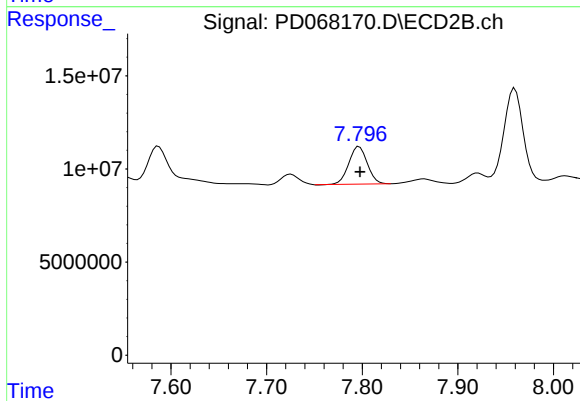
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 66905338
Conc: 9.79 ng/ml



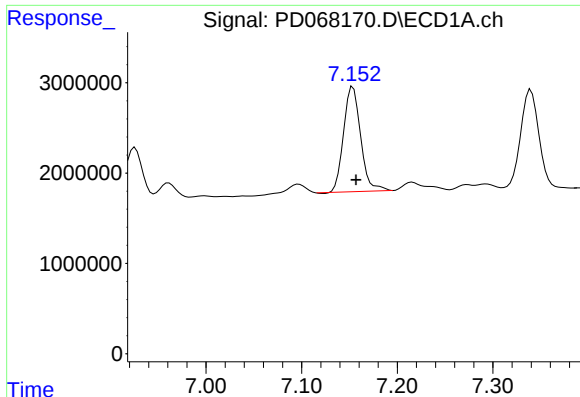
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 5591121
Conc: 7.19 ng/ml m



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 27171694
Conc: 10.04 ng/ml



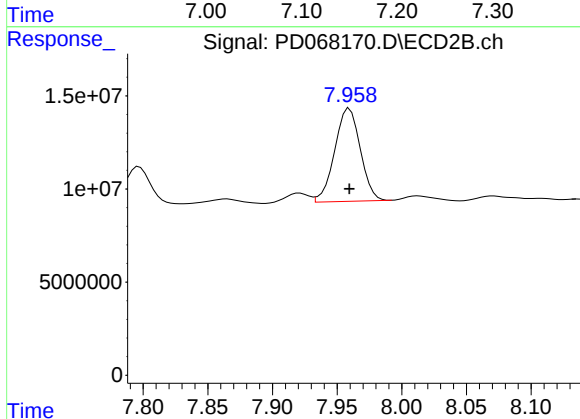
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 14503760
Conc: 8.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MSD

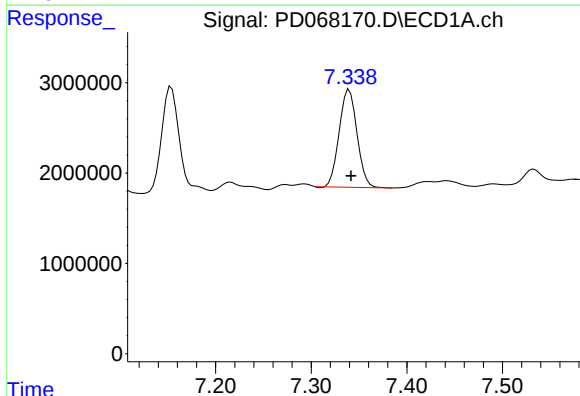
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/25/2022
Supervised By :Ankita Jodhani 02/25/2022



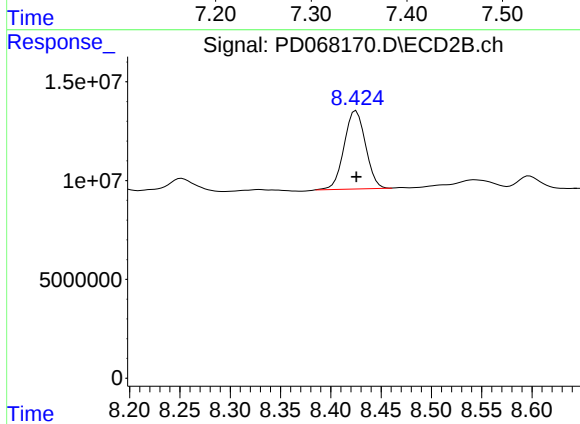
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 68775902
Conc: 9.57 ng/ml



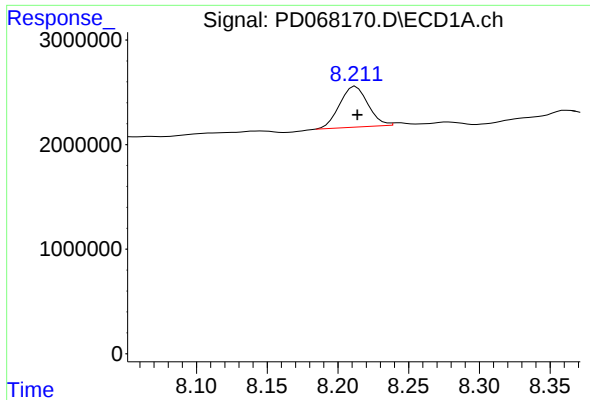
#22 Mirex

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 14064204
Conc: 9.84 ng/ml



#22 Mirex

R.T.: 8.425 min
Delta R.T.: 0.000 min
Response: 58676818
Conc: 11.71 ng/ml



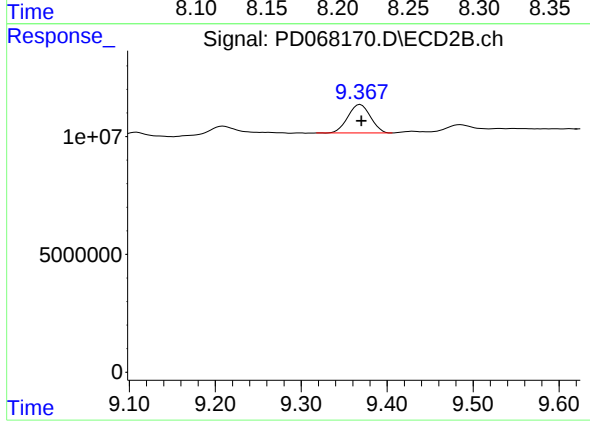
#28 Decachlorobiphenyl

R.T.: 8.213 min
Delta R.T.: -0.001 min
Response: 5427818
Conc: 3.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/25/2022
Supervised By :Ankita Jodhani 02/25/2022



#28 Decachlorobiphenyl

R.T.: 9.369 min
Delta R.T.: -0.001 min
Response: 22162041
Conc: 4.45 ng/ml