

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
 Data File : PD068181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2022 16:55
 Operator : AR\AJ
 Sample : N1650-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MS

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 01:05:58 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	27175903	168.5E6	18.667	18.222m
28)	SA Decachlor...	8.212	9.370	26856570	98306426	18.741	19.747
Target Compounds							
2)	A alpha-BHC	3.890	4.570	123.7E6	664.6E6	55.630	50.279m
3)	MA gamma-BHC...	4.173	4.862	114.1E6	608.6E6	55.845	51.256
4)	MA Heptachlor	4.472	5.389	113.6E6	562.6E6	58.536	55.033
5)	MB Aldrin	4.720	5.702	116.2E6	570.6E6	53.753	49.584
6)	B beta-BHC	4.423	5.024	45434670	256.6E6	53.328	49.593
7)	B delta-BHC	4.627	5.250	115.5E6	606.0E6	56.335	51.197
8)	B Heptachlo...	5.164	6.090	107.4E6	518.3E6	55.078	51.340
9)	A Endosulfan I	5.503	6.453	100.7E6	474.1E6	56.151	52.879
10)	B gamma-Chl...	5.391	6.326	109.7E6	513.7E6	55.166	52.365
11)	B alpha-Chl...	5.449	6.402	107.5E6	499.5E6	54.998	52.127
12)	B 4,4'-DDE	5.616	6.552	101.8E6	473.4E6	55.890	52.406
13)	MA Dieldrin	5.747	6.711	107.7E6	493.1E6	54.297	51.270
14)	MA Endrin	6.004	6.932	95744049	399.9E6	58.354	55.797
15)	B Endosulfa...	6.278	7.136	87113270	384.4E6	51.821	50.337
16)	A 4,4'-DDD	6.133	7.042	86427299	386.5E6	56.384	55.139
17)	MA 4,4'-DDT	6.374	7.345	83362164	349.7E6	60.593	61.681
18)	B Endrin al...	6.449	7.260	65001771	300.2E6	58.883	57.968
19)	B Endosulfa...	6.662	7.484	88341950	373.0E6	56.189	54.594
20)	A Methoxychlor	6.925	7.798	45176997	159.7E6	58.064	59.012
21)	B Endrin ke...	7.154	7.960	98923042	383.0E6	55.365	53.285
22)	Mirex	7.340	8.425	87239290	303.7E6	61.037	60.591

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

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 Acq On : 24 Feb 2022 16:55
 Operator : AR\AJ
 Sample : N1650-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

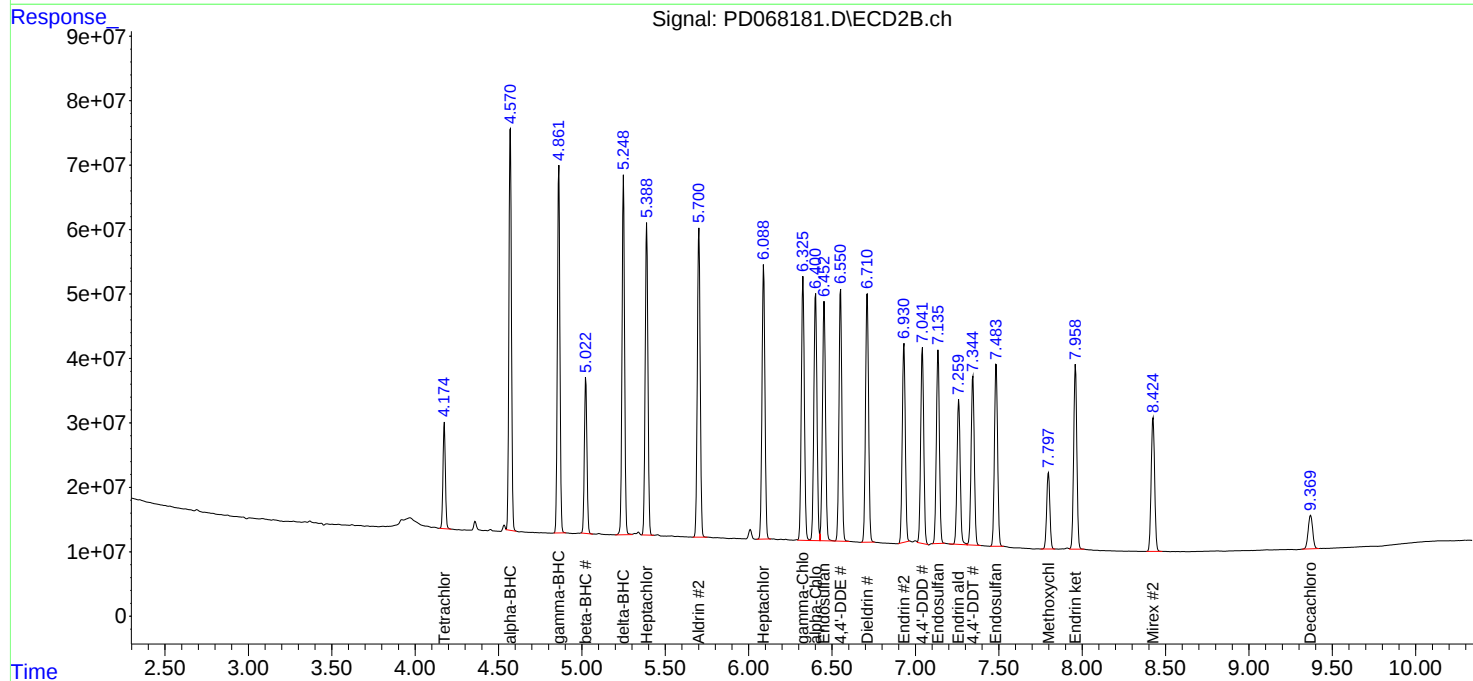
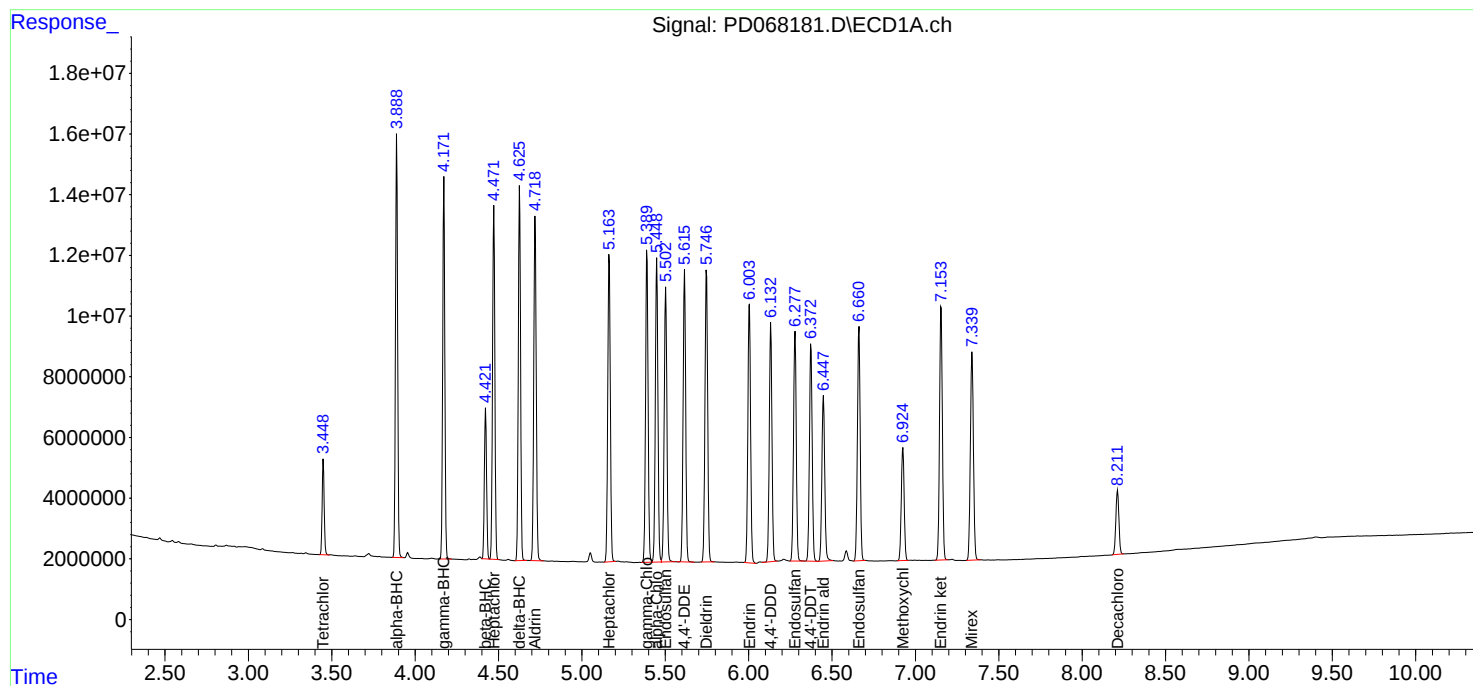
Instrument :
 ECD_D
 ClientSampleId :
 SW-SURFICIAL-SOIL-(SW-SS)MS

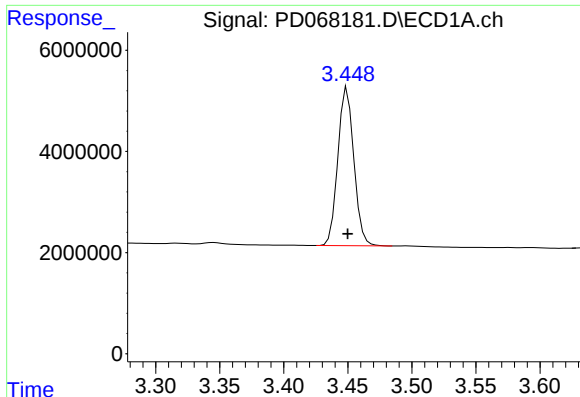
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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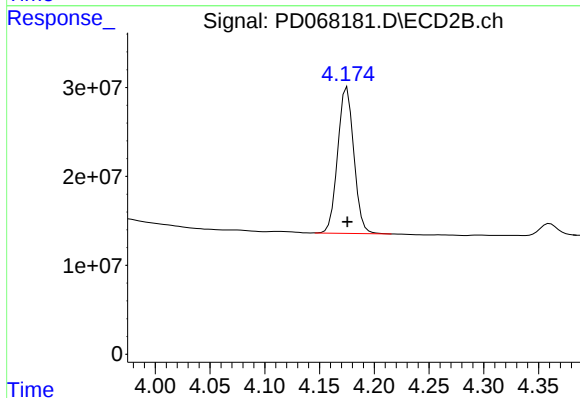
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 27175903
Conc: 18.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
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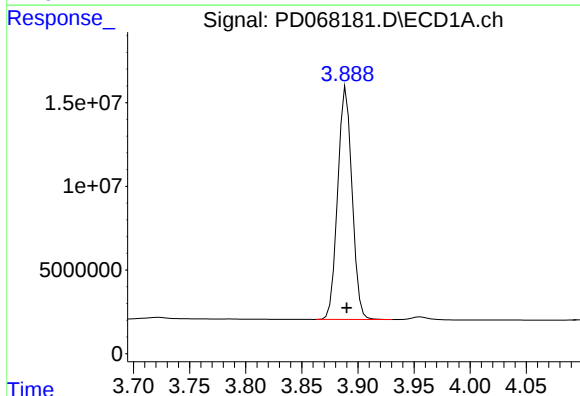
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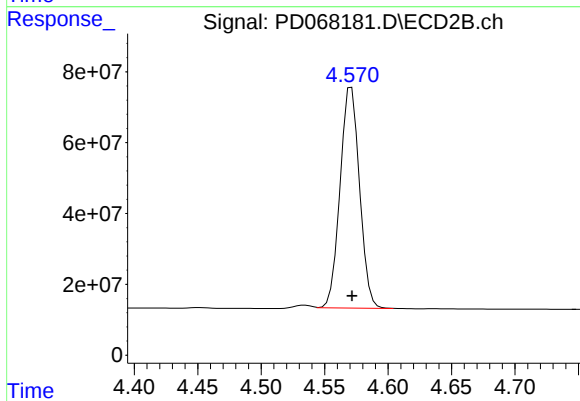
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 168507625
Conc: 18.22 ng/ml m



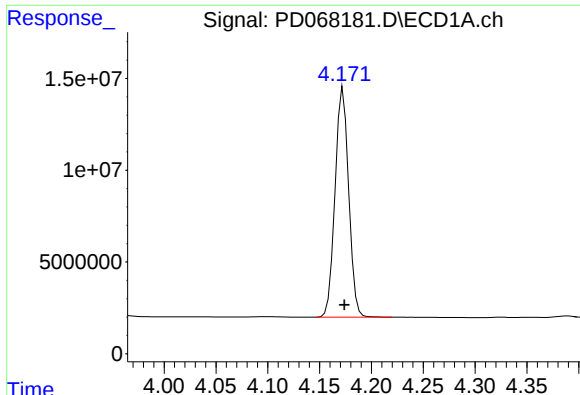
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 123658338
Conc: 55.63 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 664615990
Conc: 50.28 ng/ml m



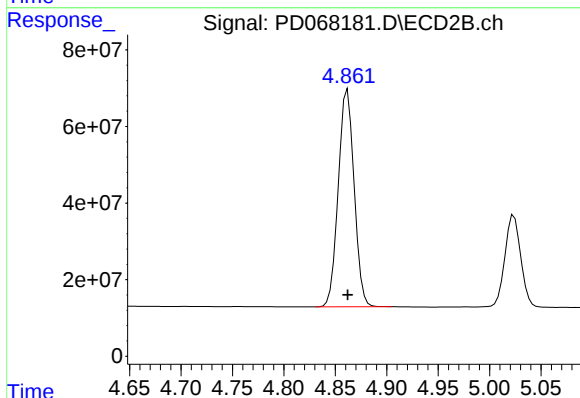
#3 gamma-BHC (Lindane)

R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 114125644
Conc: 55.84 ng/ml

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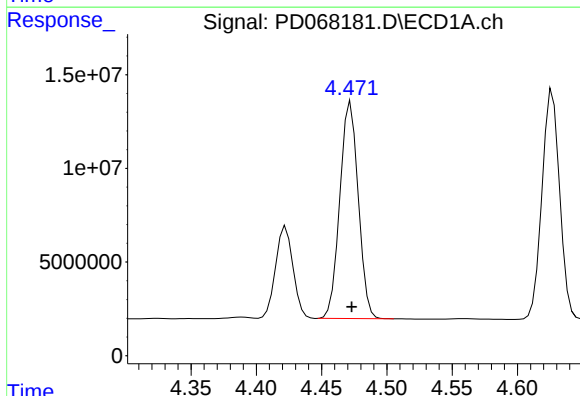
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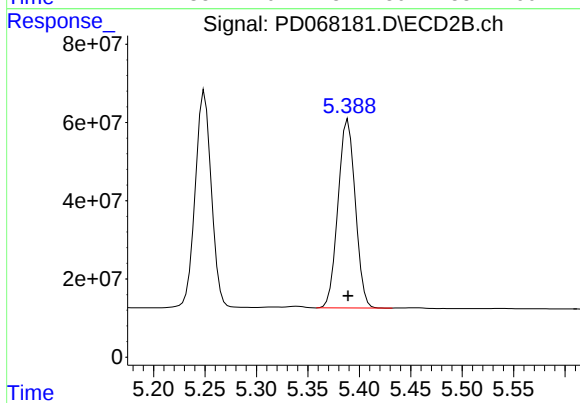
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 608599395
Conc: 51.26 ng/ml



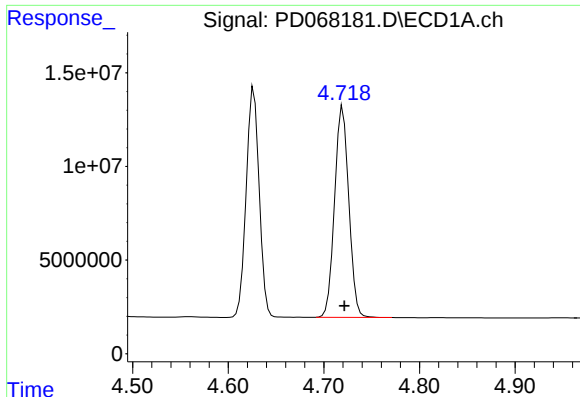
#4 Heptachlor

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 113640173
Conc: 58.54 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 562578776
Conc: 55.03 ng/ml



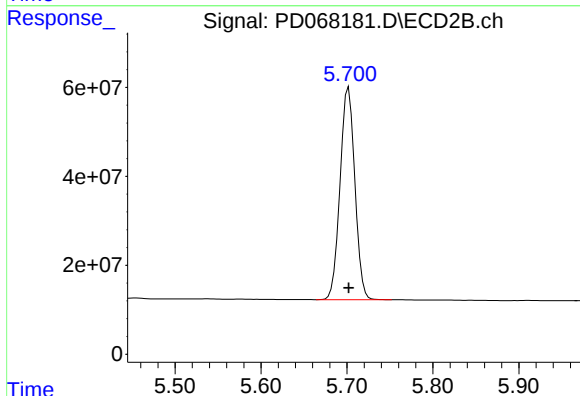
#5 Aldrin

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 116230864
Conc: 53.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
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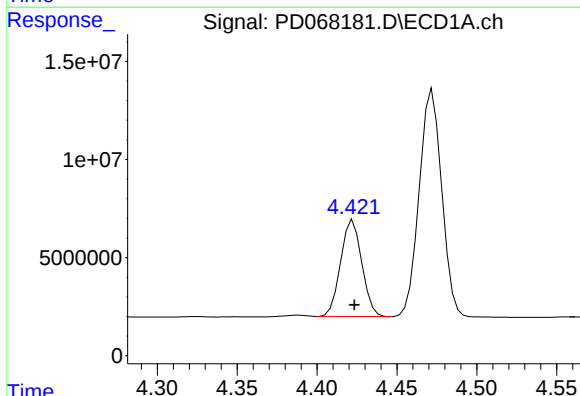
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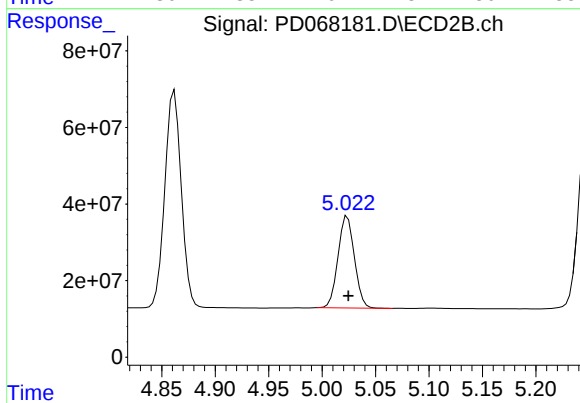
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 570627599
Conc: 49.58 ng/ml



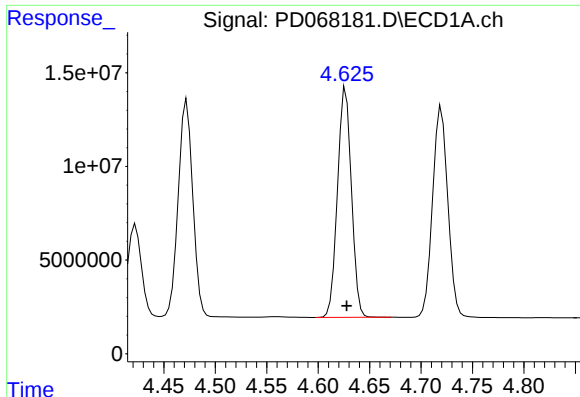
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 45434670
Conc: 53.33 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 256593657
Conc: 49.59 ng/ml



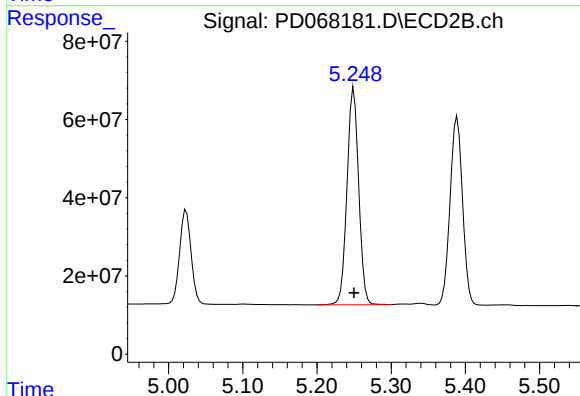
#7 delta-BHC

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 115462389
Conc: 56.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

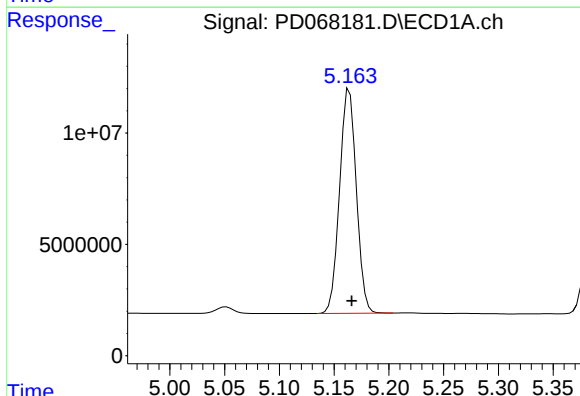
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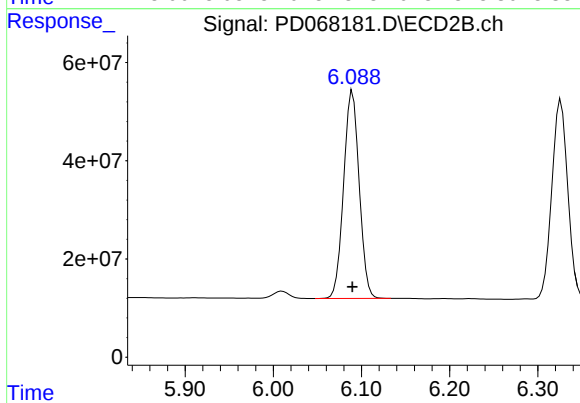
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 606008773
Conc: 51.20 ng/ml



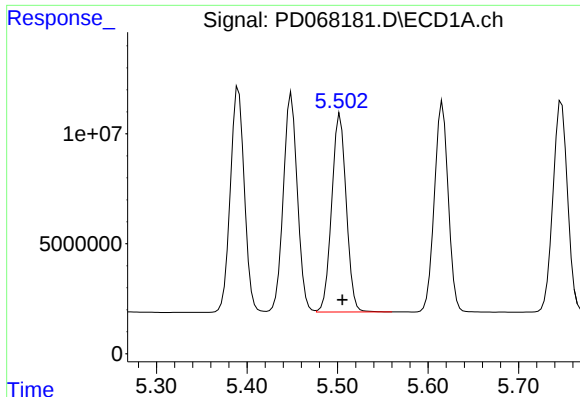
#8 Heptachlor epoxide

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 107354712
Conc: 55.08 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 518313183
Conc: 51.34 ng/ml



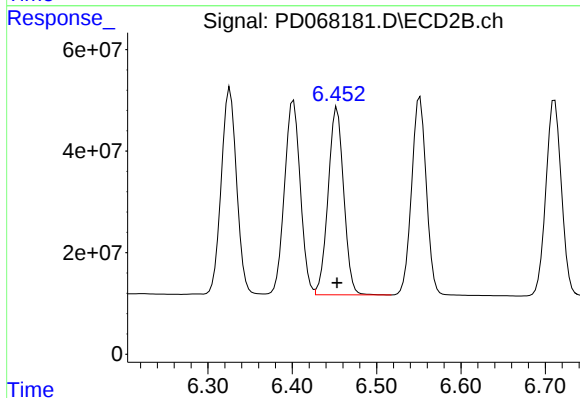
#9 Endosulfan I

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 100665582
Conc: 56.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

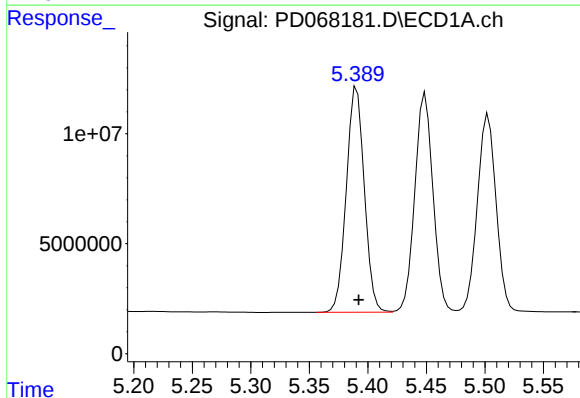
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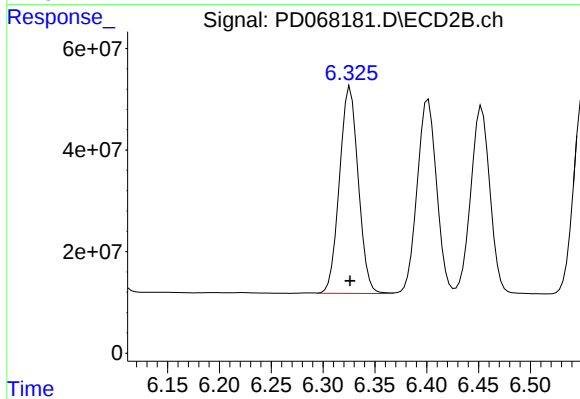
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 474097630
Conc: 52.88 ng/ml



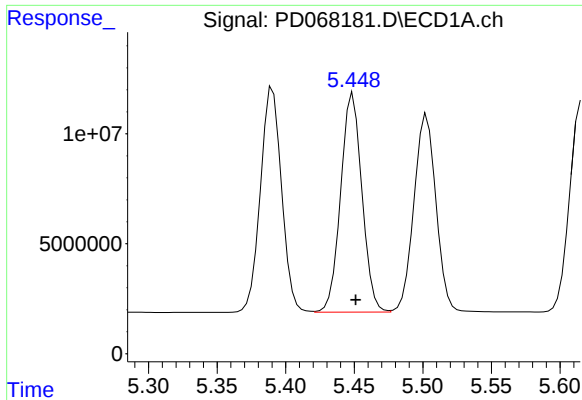
#10 gamma-Chlordane

R.T.: 5.391 min
Delta R.T.: -0.001 min
Response: 109720228
Conc: 55.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 513732724
Conc: 52.36 ng/ml



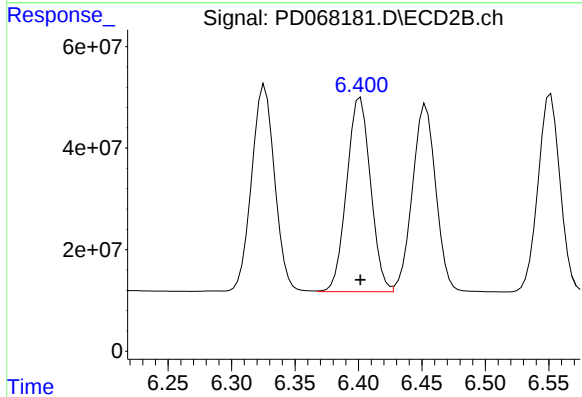
#11 alpha-Chlordane

R.T.: 5.449 min
Delta R.T.: -0.002 min
Response: 107543673
Conc: 55.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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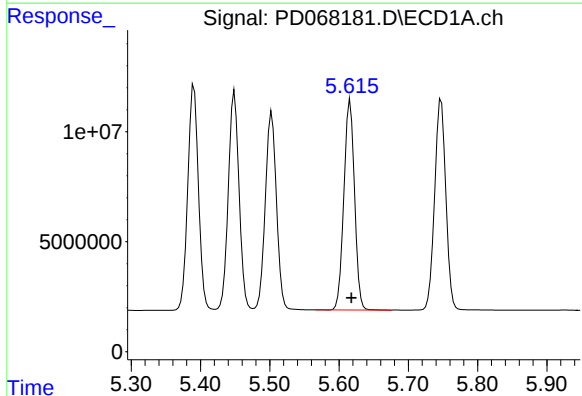
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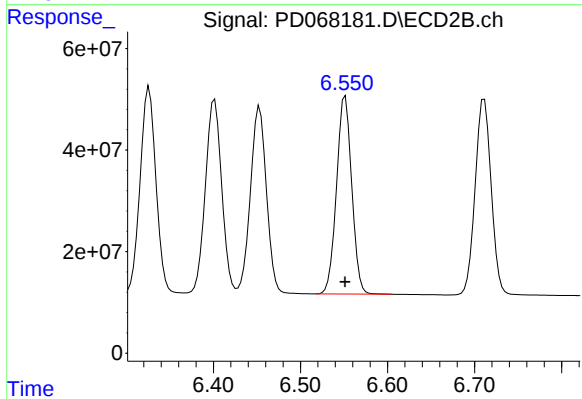
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 499499645
Conc: 52.13 ng/ml



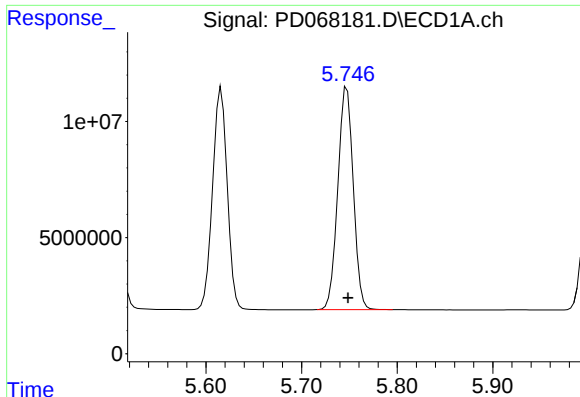
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 101808022
Conc: 55.89 ng/ml



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 473447235
Conc: 52.41 ng/ml



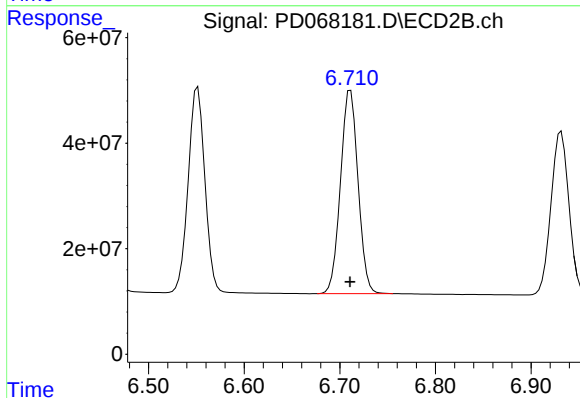
#13 Dieldrin

R.T.: 5.747 min
Delta R.T.: -0.001 min
Response: 107692695
Conc: 54.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
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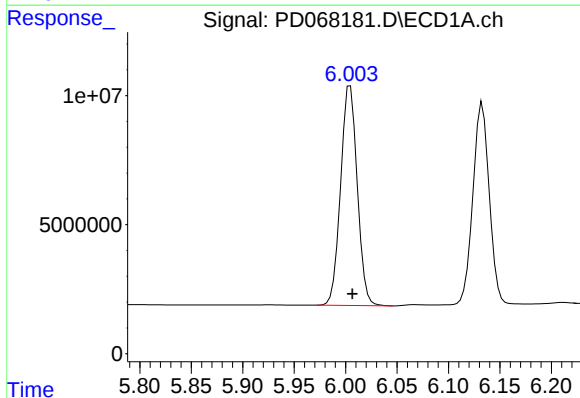
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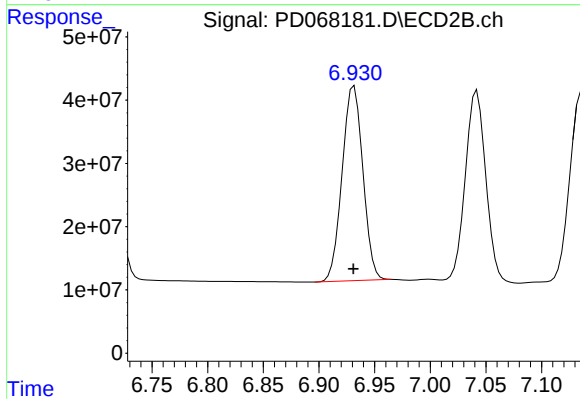
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 493071065
Conc: 51.27 ng/ml



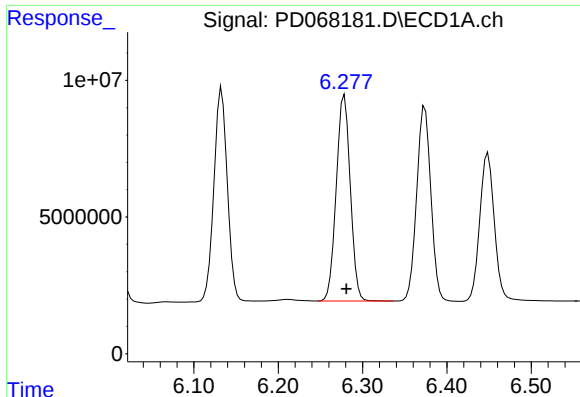
#14 Endrin

R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 95744049
Conc: 58.35 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 399907839
Conc: 55.80 ng/ml



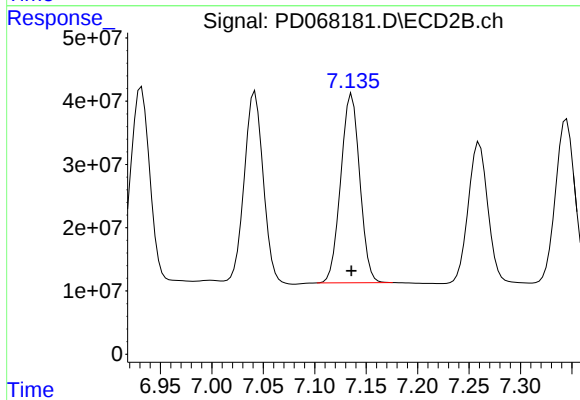
#15 Endosulfan II

R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 87113270
Conc: 51.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

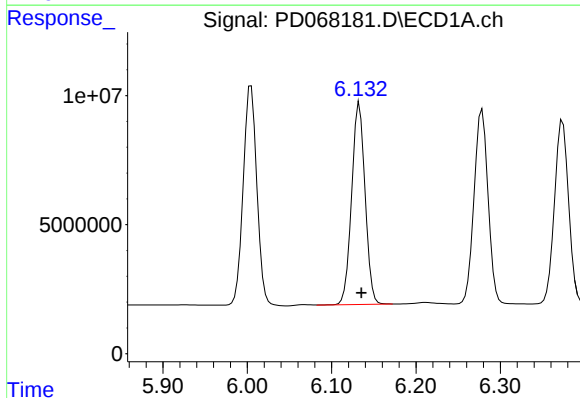
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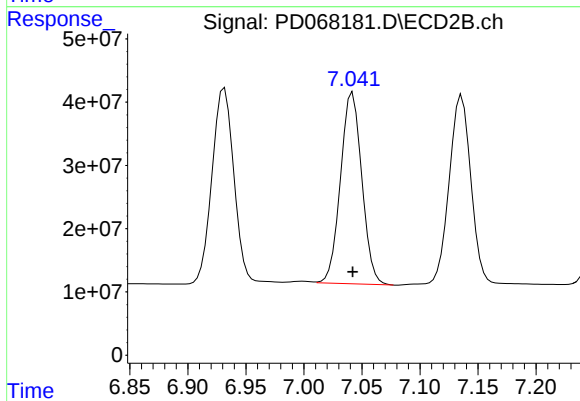
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 384404238
Conc: 50.34 ng/ml



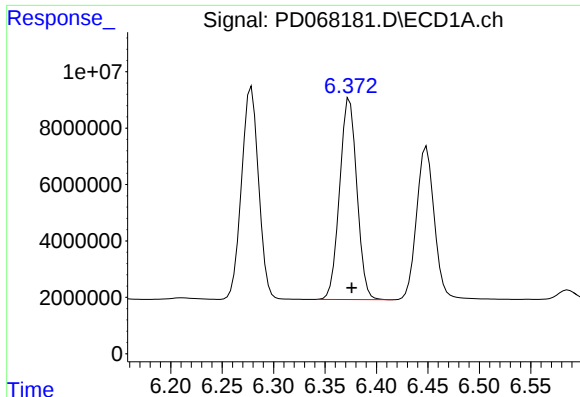
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 86427299
Conc: 56.38 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 386468952
Conc: 55.14 ng/ml



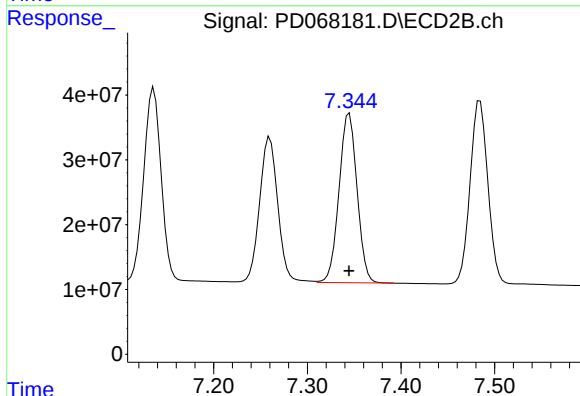
#17 4,4'-DDT

R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 83362164
Conc: 60.59 ng/ml

Instrument :
ECD_D
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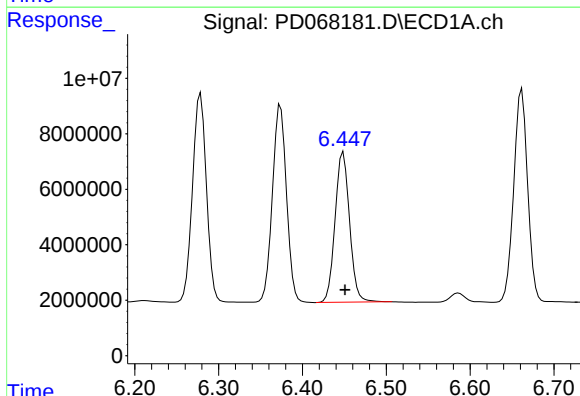
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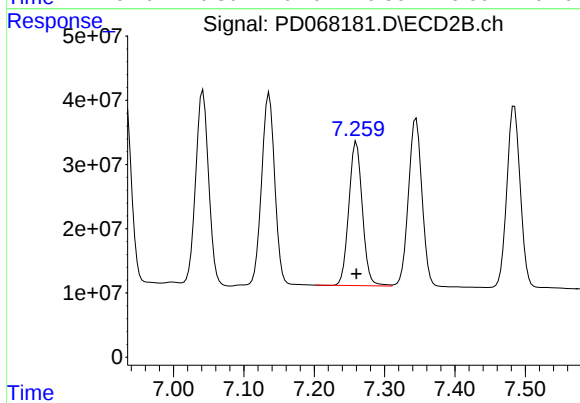
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 349710083
Conc: 61.68 ng/ml



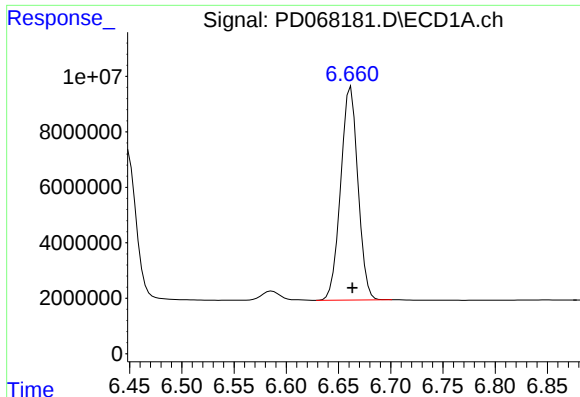
#18 Endrin aldehyde

R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 65001771
Conc: 58.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 300204743
Conc: 57.97 ng/ml



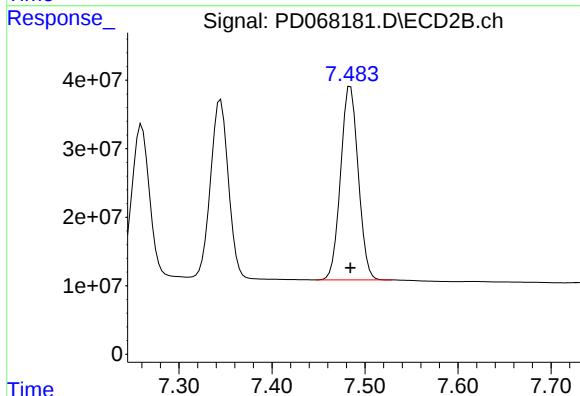
#19 Endosulfan Sulfate

R.T.: 6.662 min
Delta R.T.: -0.001 min
Response: 88341950
Conc: 56.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

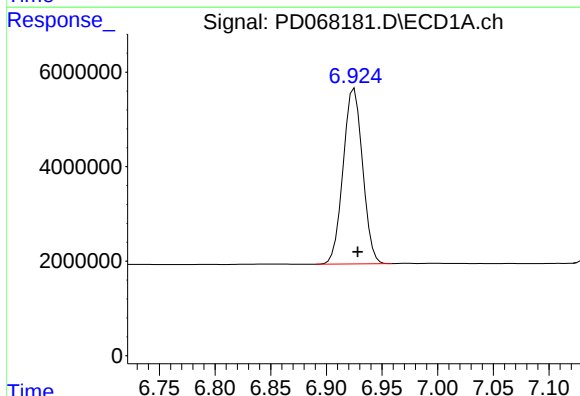
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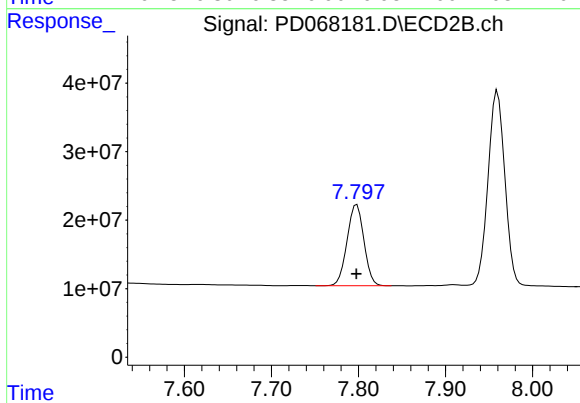
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 373048476
Conc: 54.59 ng/ml



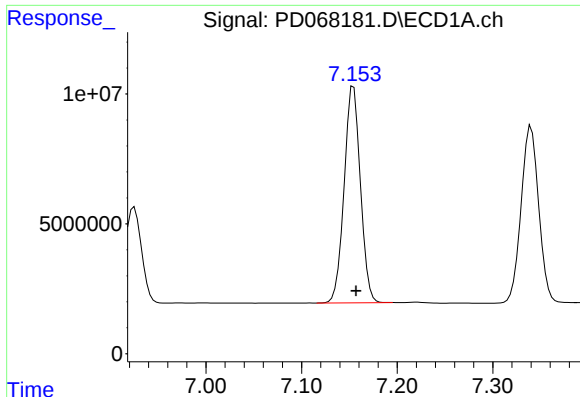
#20 Methoxychlor

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 45176997
Conc: 58.06 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 159710780
Conc: 59.01 ng/ml



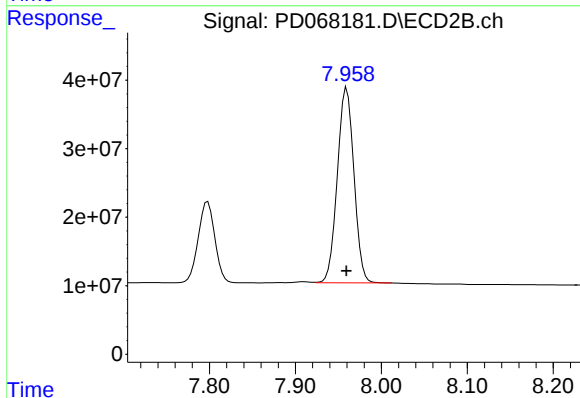
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 98923042
Conc: 55.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

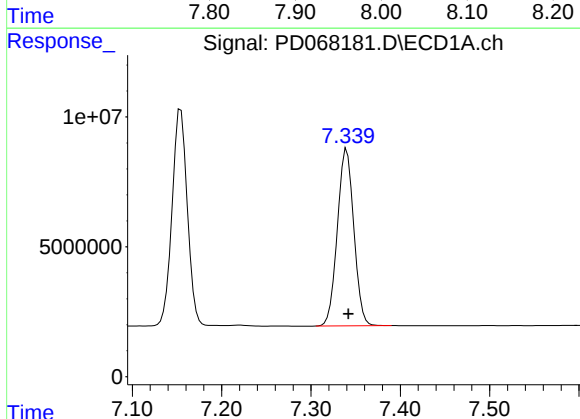
Manual Integrations
APPROVED

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



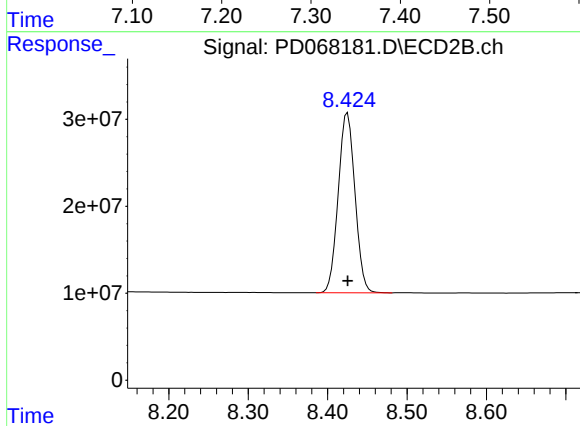
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 383007309
Conc: 53.29 ng/ml



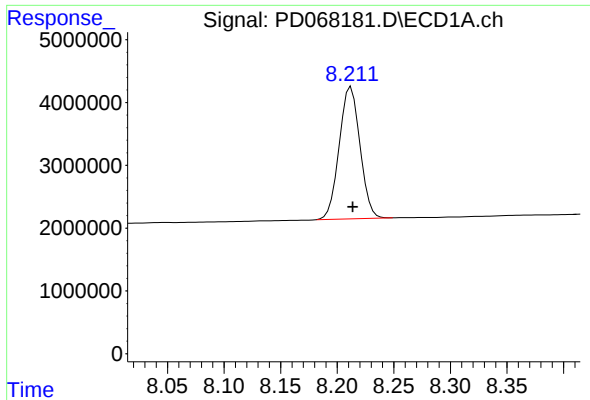
#22 Mirex

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 87239290
Conc: 61.04 ng/ml



#22 Mirex

R.T.: 8.425 min
Delta R.T.: 0.000 min
Response: 303729931
Conc: 60.59 ng/ml



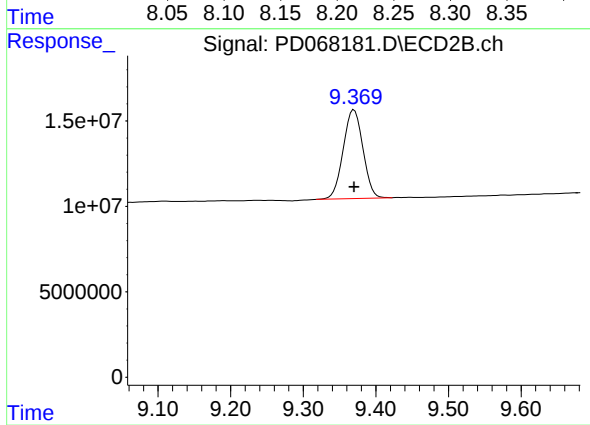
#28 Decachlorobiphenyl

R.T.: 8.212 min
Delta R.T.: -0.002 min
Response: 26856570
Conc: 18.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SW-SURFICIAL-SOIL-(SW-SS)MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: 0.000 min
Response: 98306426
Conc: 19.75 ng/ml