

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 14:32
 Operator : AJ\MA
 Sample : L2182-02
 Misc : 5 PPB LOQ
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 00:44:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
 Quant Title : GC Extractables
 QLast Update : Thu May 21 13:46:14 2020
 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...	3.210	3.867	16247305	22465711	20.789	19.726
28)	SA Decachlor...	7.849	8.852	16938545	20657320	21.184	19.926
Target Compounds							
2)	A alpha-BHC	3.632	4.248	5523737	7609661	4.556	4.469
3)	MA gamma-BHC...	3.903	4.528	6293679	7293165	5.365	4.406
4)	MA Heptachlor	4.183	5.027	5000655	7004814	4.672	4.499
5)	MB Aldrin	4.418	5.327	5046136	6788977	4.808	4.641
6)	B beta-BHC	4.153	4.699	2515561	3031964	5.202	4.523
7)	B delta-BHC	4.344	4.910	5242122	6714587	4.591	4.575
8)	B Heptachlo...	4.850	5.710	4715389	6971293	4.830	5.015
9)	A Endosulfan I	5.178	6.062	4470015	5921375	4.898	4.690
10)	B gamma-Chl...	5.071	5.942	4853208	6579808	4.888	4.717
11)	B alpha-Chl...	5.127	6.014	4884663	6592578	4.939	4.750
12)	B 4,4'-DDE	5.297	6.173	4406974	5904651	4.732	4.623
13)	MA Dieldrin	5.416	6.316	4684312	6127042	4.773	4.602
14)	MA Endrin	5.667	6.532	3468255	4646350	4.336	4.399
15)	B Endosulfa...	5.942	6.741	4102851	5821270	4.729	4.842
16)	A 4,4'-DDD	5.806	6.660	3948466	5321839	4.900	4.805
17)	MA 4,4'-DDT	6.039	6.957	2734303	4040770	3.964	4.059
18)	B Endrin al...	6.110	6.865	3403256	5243971	4.654	5.068
19)	B Endosulfa...	6.319	7.085	3923422	5469529	4.810	4.872m
20)	A Methoxychlor	6.588	7.415	1604744	2484722	4.066	4.307
21)	B Endrin ke...	6.800	7.551	5940823	6591150	5.486	5.007
22)	Mirex	6.970	8.002	3247444	4924924	4.611	5.181

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
Data File : PD058188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 14:32
Operator : AJ\MA
Sample : L2182-02
Misc : 5 PPB LOQ
ALS Vial : 19 Sample Multiplier: 1

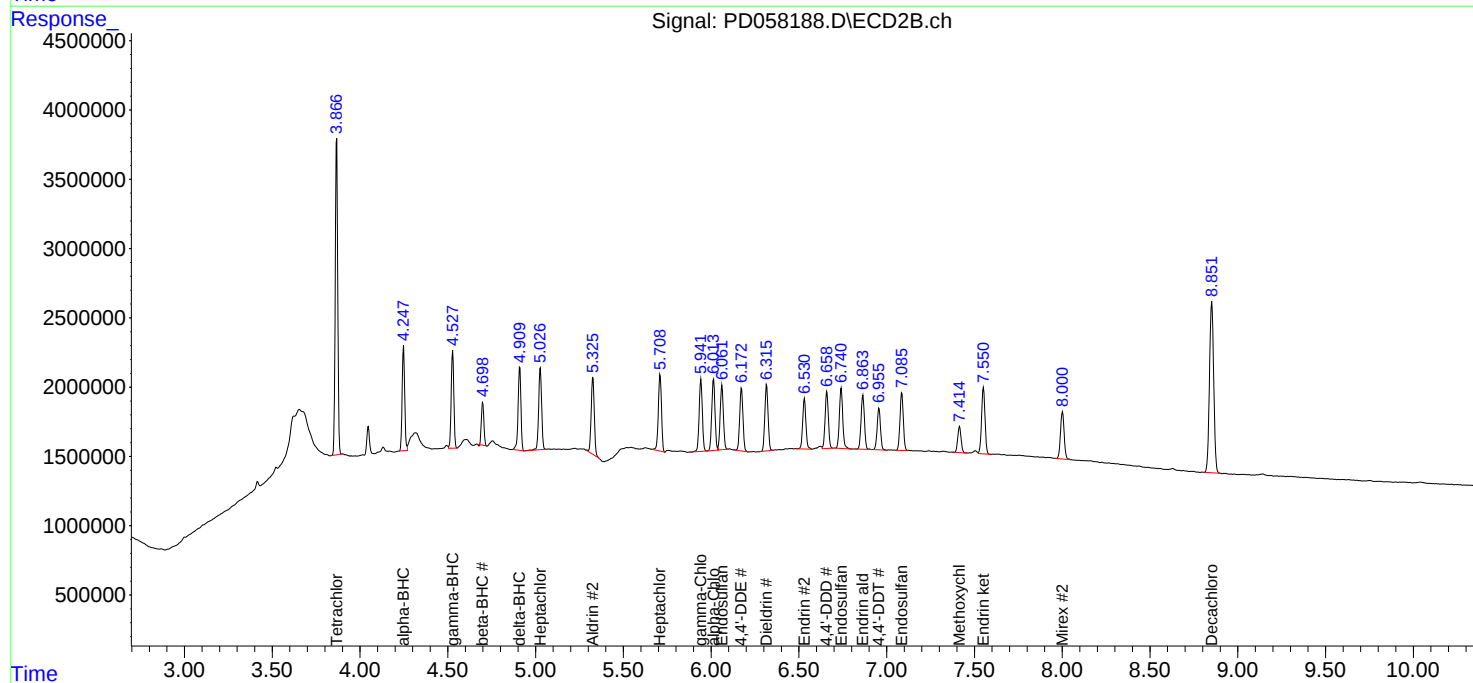
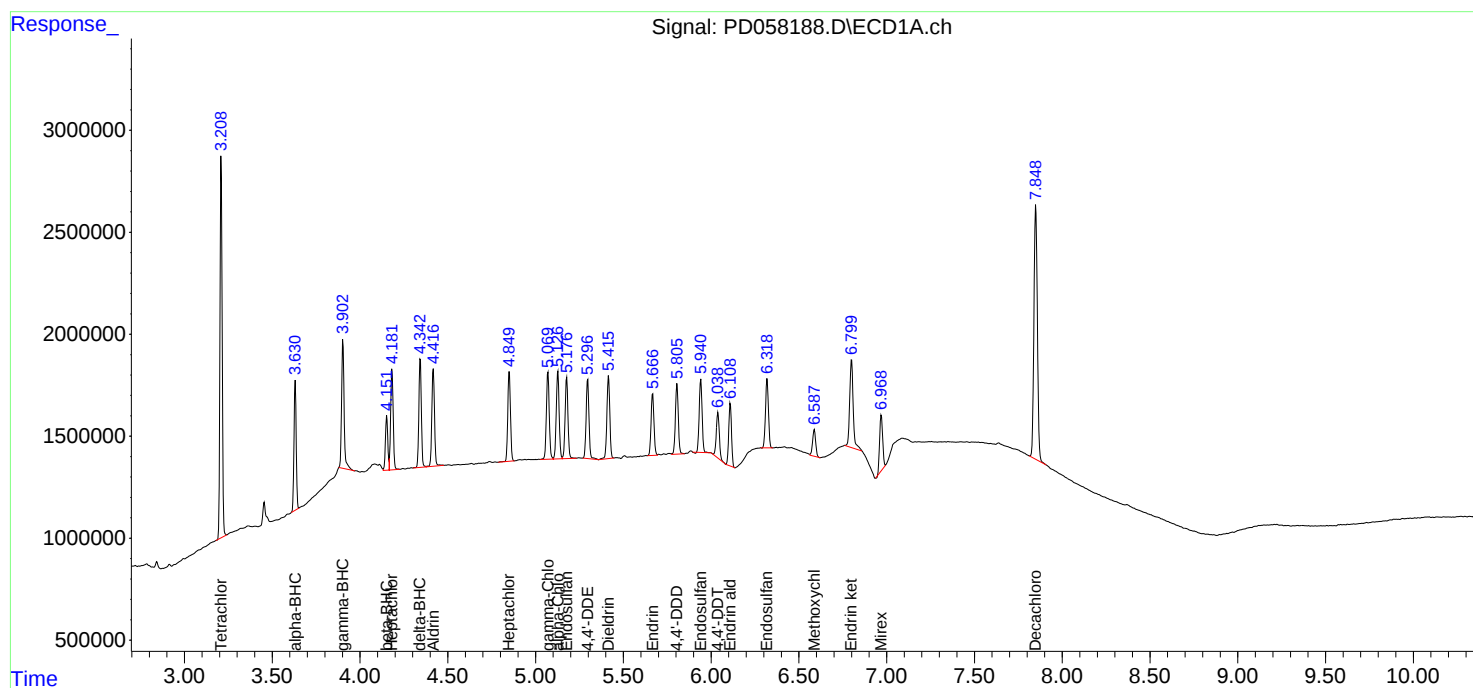
Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

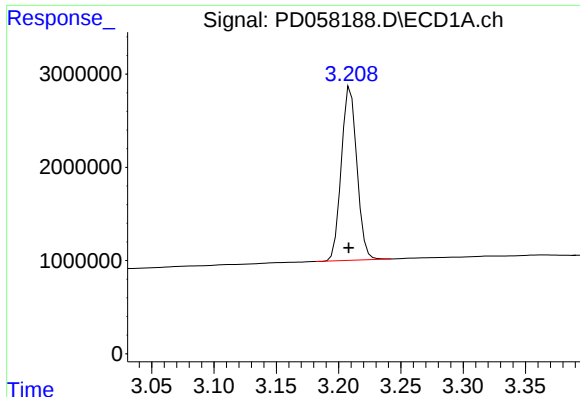
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 00:44:37 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





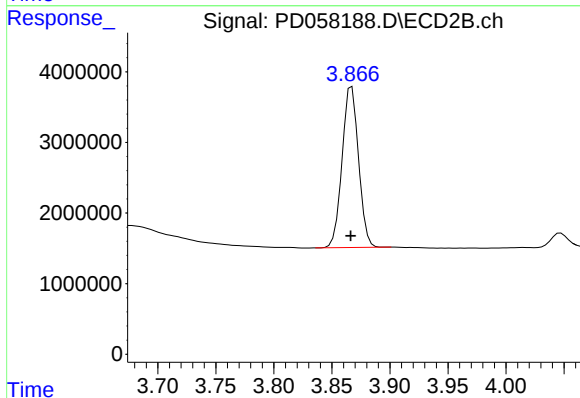
#1 Tetrachloro-m-xylene

R.T.: 3.210 min
Delta R.T.: 0.002 min
Response: 16247305
Conc: 20.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

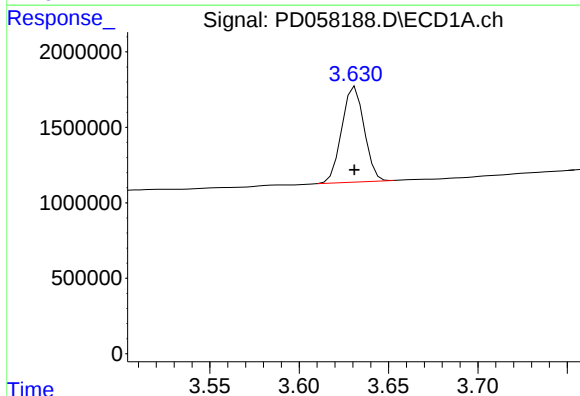
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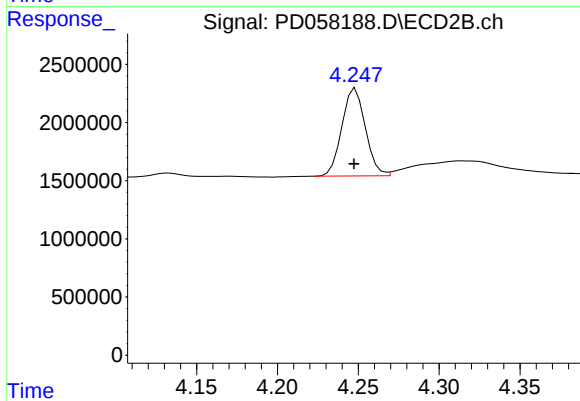
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 22465711
Conc: 19.73 ng/ml



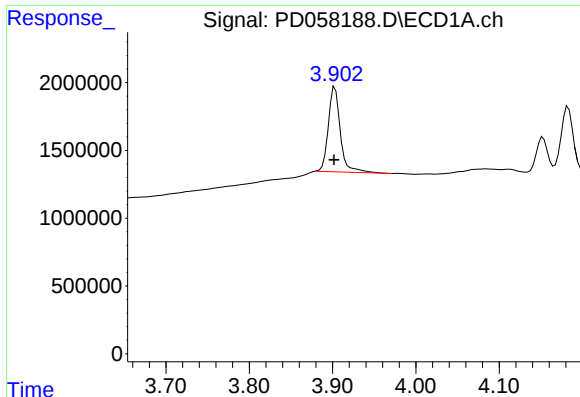
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 5523737
Conc: 4.56 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 7609661
Conc: 4.47 ng/ml



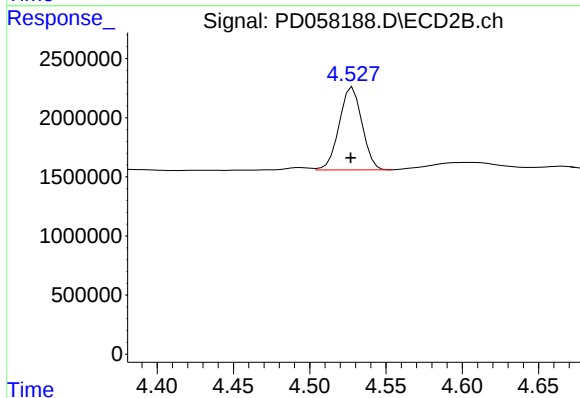
#3 gamma-BHC (Lindane)

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 6293679
Conc: 5.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

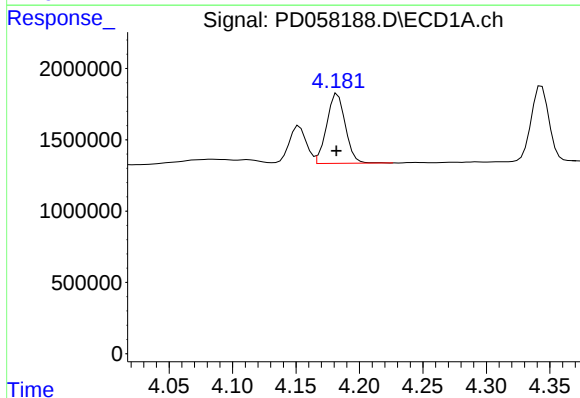
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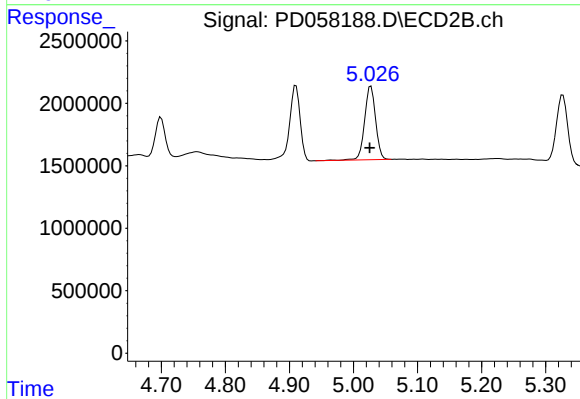
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 7293165
Conc: 4.41 ng/ml



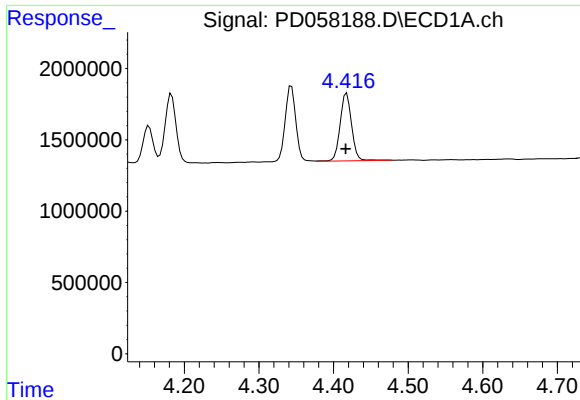
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: 0.001 min
Response: 5000655
Conc: 4.67 ng/ml



#4 Heptachlor

R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 7004814
Conc: 4.50 ng/ml



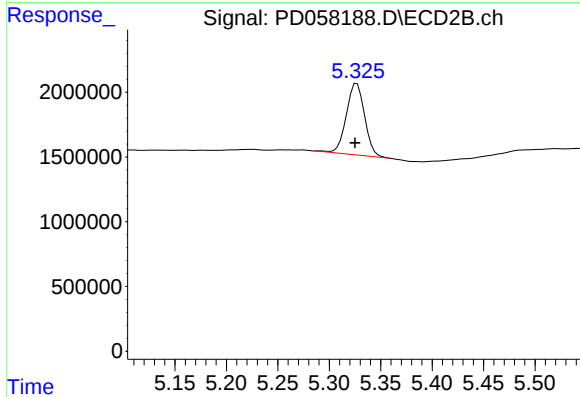
#5 Aldrin

R.T.: 4.418 min
Delta R.T.: 0.001 min
Response: 5046136
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

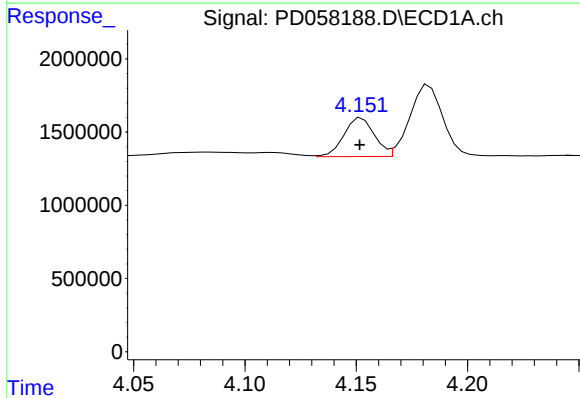
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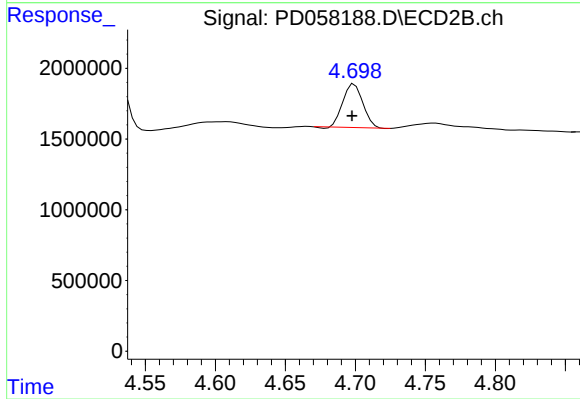
#5 Aldrin

R.T.: 5.327 min
Delta R.T.: 0.002 min
Response: 6788977
Conc: 4.64 ng/ml



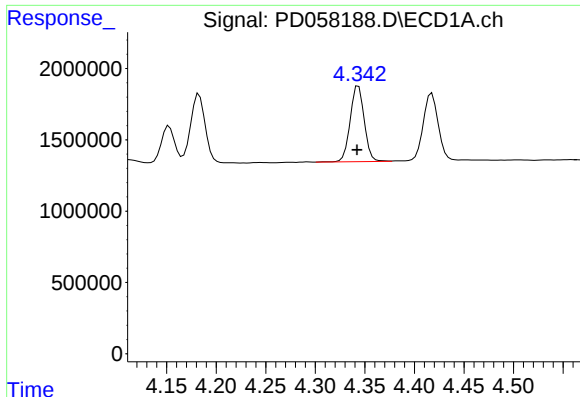
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: 0.001 min
Response: 2515561
Conc: 5.20 ng/ml



#6 beta-BHC

R.T.: 4.699 min
Delta R.T.: 0.002 min
Response: 3031964
Conc: 4.52 ng/ml



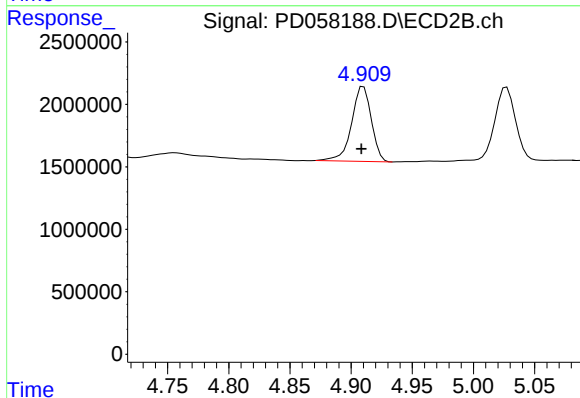
#7 delta-BHC

R.T.: 4.344 min
Delta R.T.: 0.001 min
Response: 5242122
Conc: 4.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

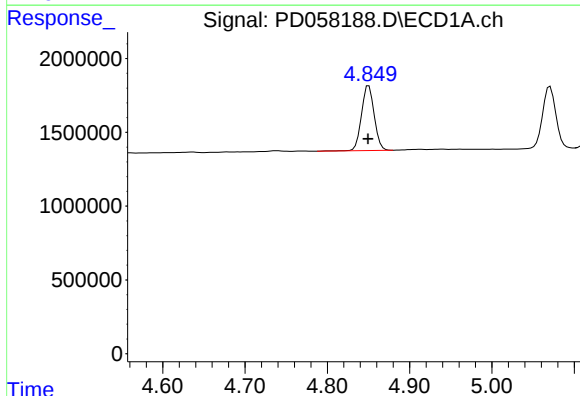
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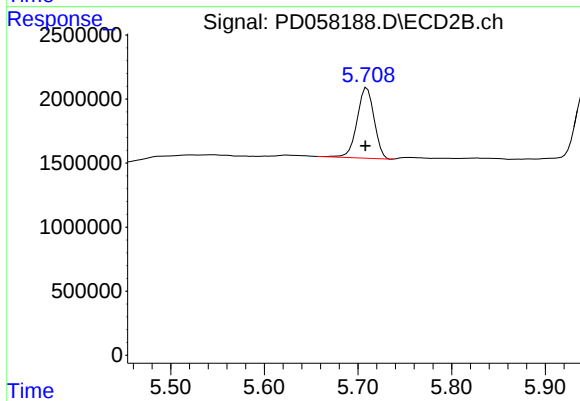
#7 delta-BHC

R.T.: 4.910 min
Delta R.T.: 0.002 min
Response: 6714587
Conc: 4.58 ng/ml



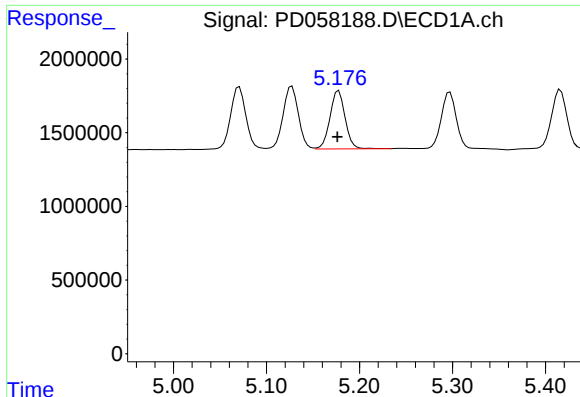
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 4715389
Conc: 4.83 ng/ml



#8 Heptachlor epoxide

R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 6971293
Conc: 5.01 ng/ml



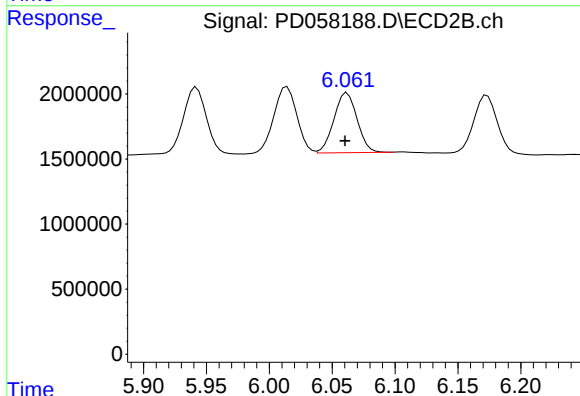
#9 Endosulfan I

R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 4470015
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

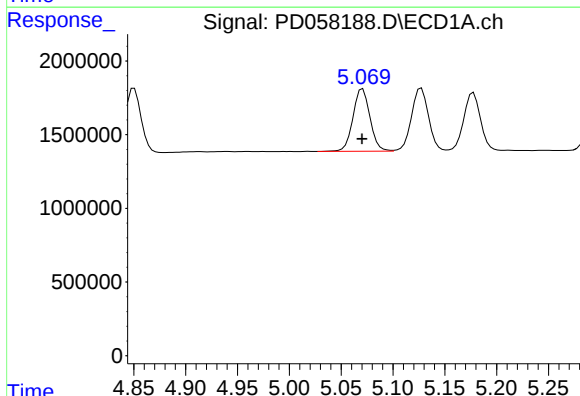
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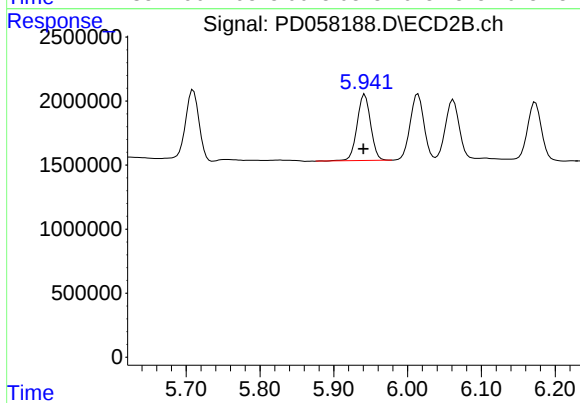
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.002 min
Response: 5921375
Conc: 4.69 ng/ml



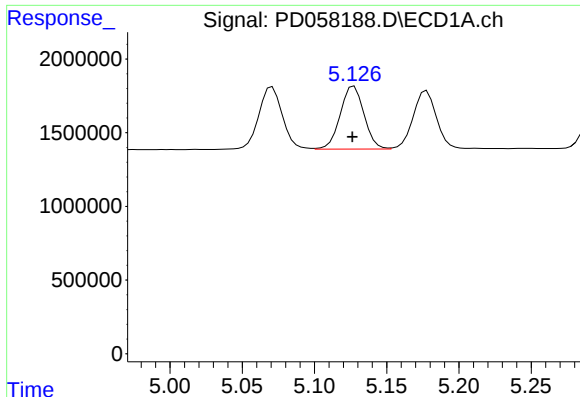
#10 gamma-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 4853208
Conc: 4.89 ng/ml



#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 6579808
Conc: 4.72 ng/ml



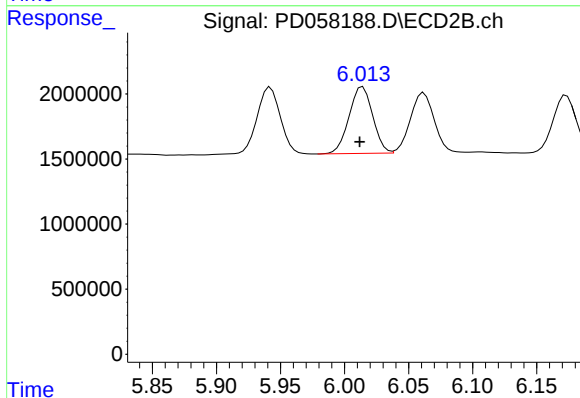
#11 alpha-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 4884663
Conc: 4.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

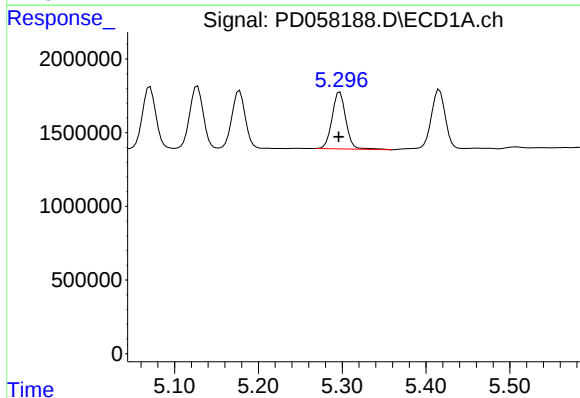
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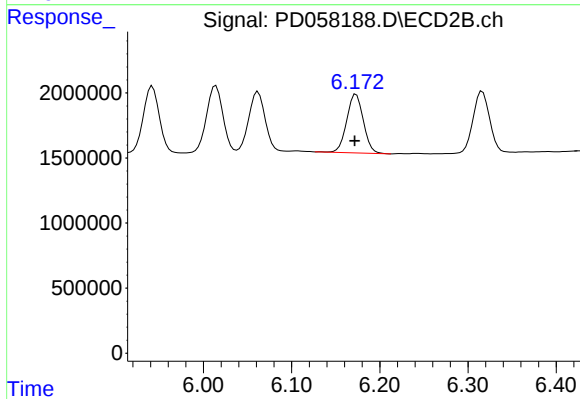
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.002 min
Response: 6592578
Conc: 4.75 ng/ml



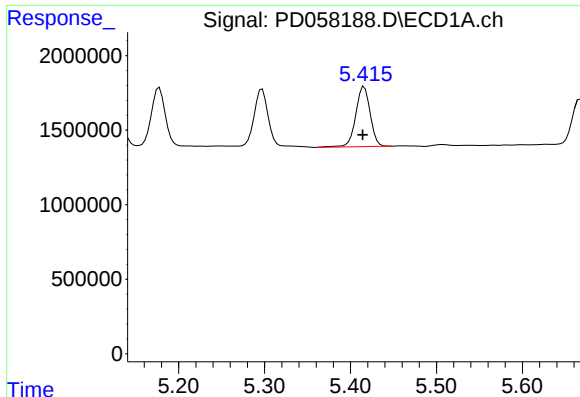
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.001 min
Response: 4406974
Conc: 4.73 ng/ml



#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: 0.002 min
Response: 5904651
Conc: 4.62 ng/ml



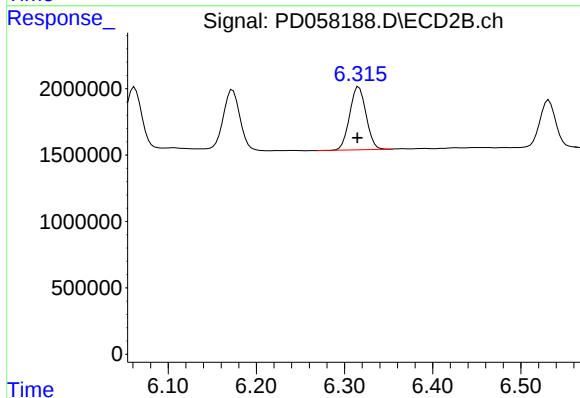
#13 Dieldrin

R.T.: 5.416 min
Delta R.T.: 0.002 min
Response: 4684312
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

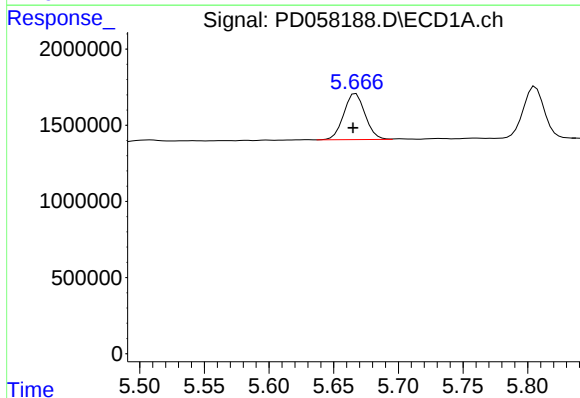
Manual Integrations
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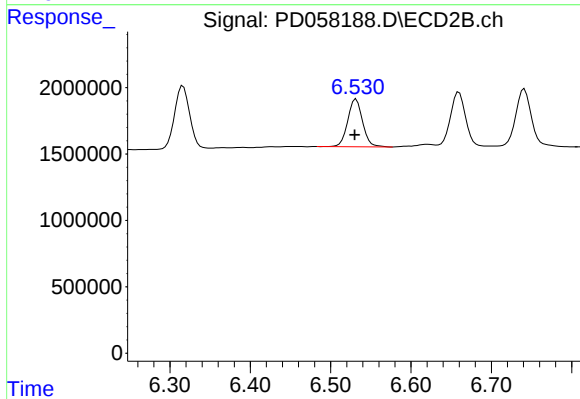
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 6127042
Conc: 4.60 ng/ml



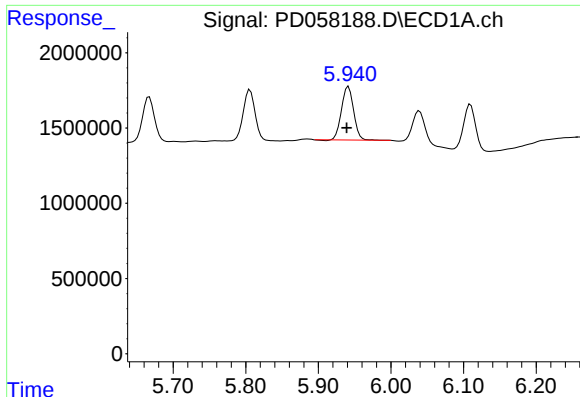
#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.002 min
Response: 3468255
Conc: 4.34 ng/ml



#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.002 min
Response: 4646350
Conc: 4.40 ng/ml



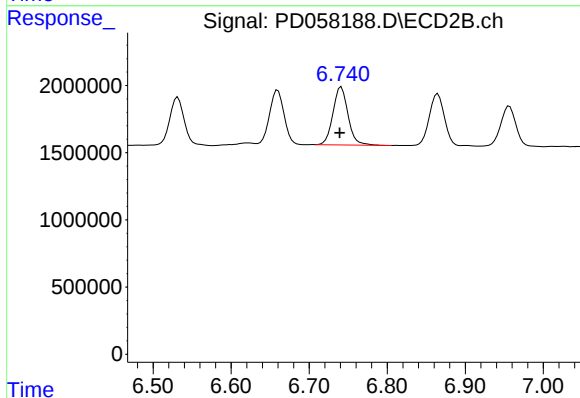
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 4102851
Conc: 4.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

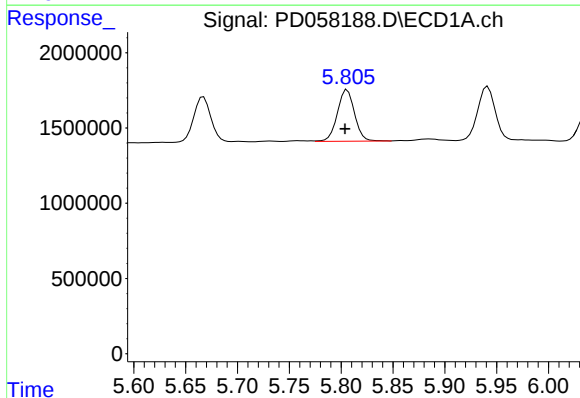
Manual Integrations
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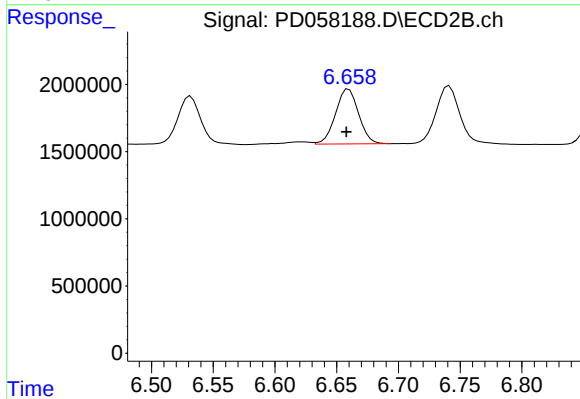
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 5821270
Conc: 4.84 ng/ml



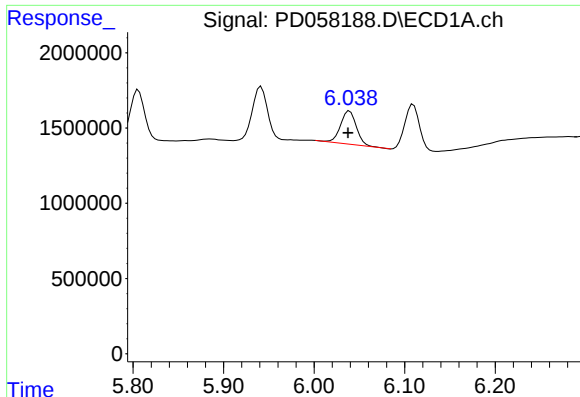
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.002 min
Response: 3948466
Conc: 4.90 ng/ml



#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: 0.002 min
Response: 5321839
Conc: 4.81 ng/ml



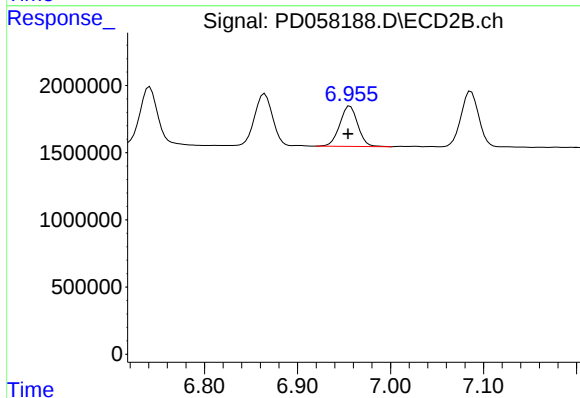
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.002 min
Response: 2734303
Conc: 3.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

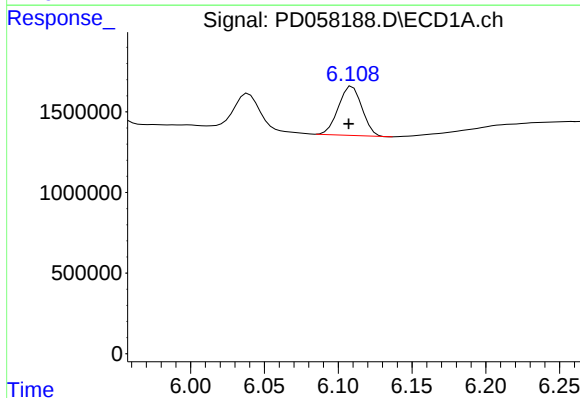
Manual Integrations
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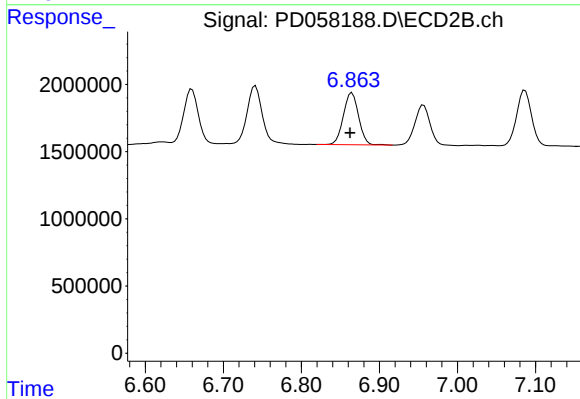
#17 4,4'-DDT

R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 4040770
Conc: 4.06 ng/ml



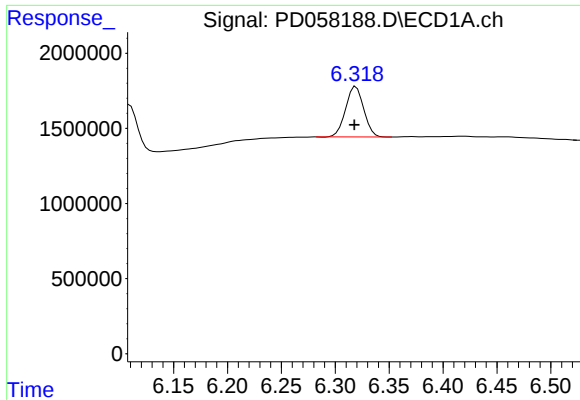
#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.002 min
Response: 3403256
Conc: 4.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.865 min
Delta R.T.: 0.003 min
Response: 5243971
Conc: 5.07 ng/ml



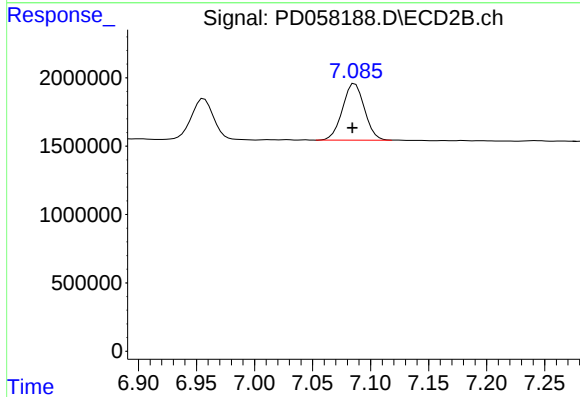
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 3923422
Conc: 4.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

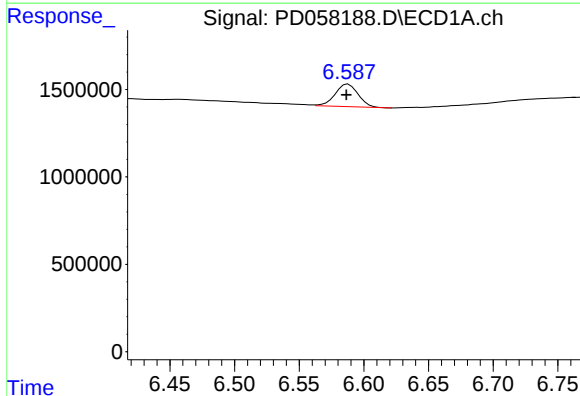
Manual Integrations
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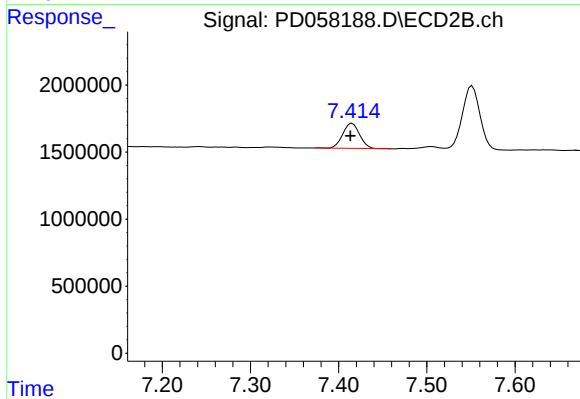
#19 Endosulfan Sulfate

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 5469529
Conc: 4.87 ng/ml m



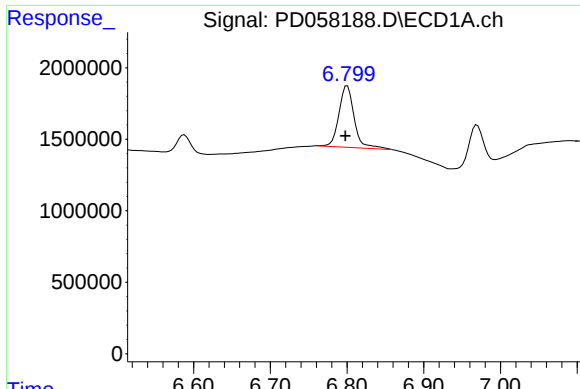
#20 Methoxychlor

R.T.: 6.588 min
Delta R.T.: 0.001 min
Response: 1604744
Conc: 4.07 ng/ml



#20 Methoxychlor

R.T.: 7.415 min
Delta R.T.: 0.002 min
Response: 2484722
Conc: 4.31 ng/ml



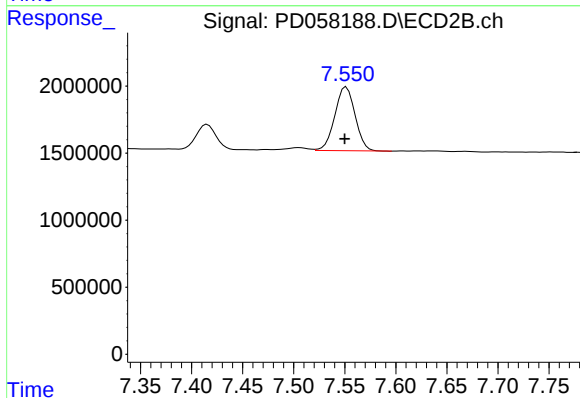
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 5940823
Conc: 5.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

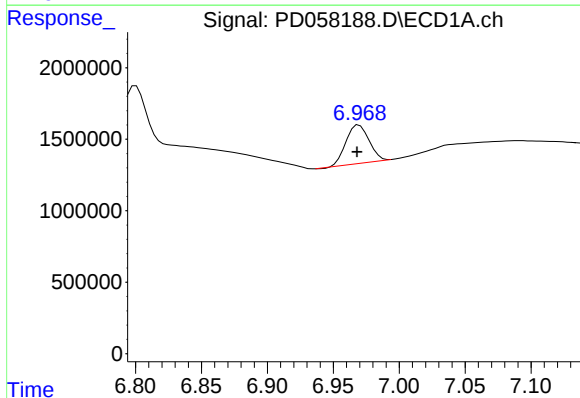
Manual Integrations
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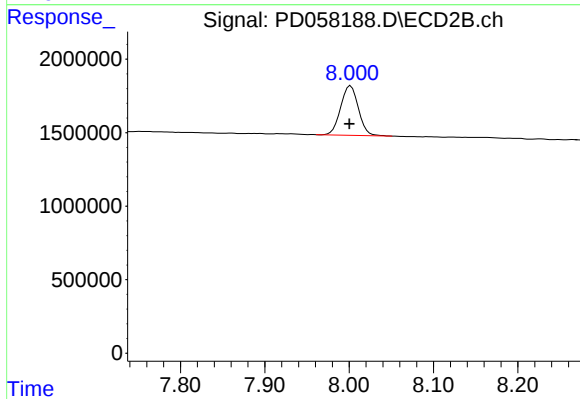
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: 0.002 min
Response: 6591150
Conc: 5.01 ng/ml



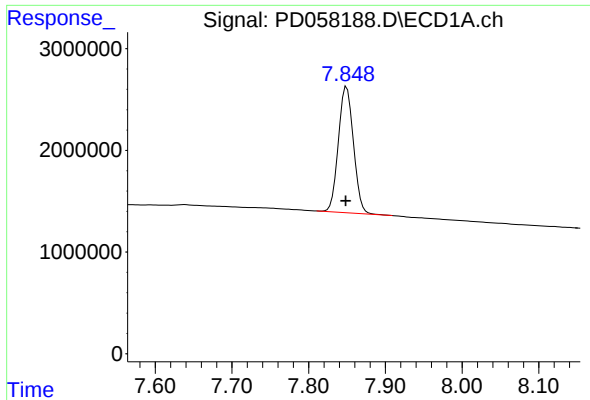
#22 Mirex

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 3247444
Conc: 4.61 ng/ml



#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 4924924
Conc: 5.18 ng/ml



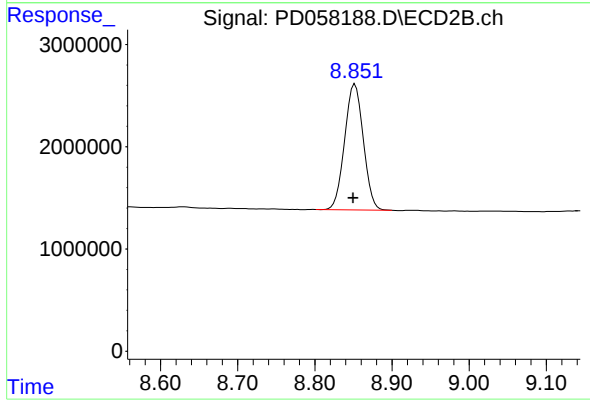
#28 Decachlorobiphenyl

R.T.: 7.849 min
Delta R.T.: 0.000 min
Response: 16938545
Conc: 21.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2020

Manual Integrations
APPROVED

mohammad
6/1/2020 1:28:02 PM



#28 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: 0.002 min
Response: 20657320
Conc: 19.93 ng/ml