

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
 Data File : PD058187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2020 14:18
 Operator : AJ\MA
 Sample : L2182-01
 Misc : 2.5 PPB LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:46:28 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...	3.209	3.867	16818794	23221887	21.520	20.390
28)	SA Decachlor...	7.850	8.851	17236579	20820685	21.557	20.083
Target Compounds							
2)	A alpha-BHC	3.631	4.249	2868476	4074416	2.366	2.393
3)	MA gamma-BHC...	3.901	4.528	3313909	3875479	2.825m	2.341
4)	MA Heptachlor	4.182	5.025	2677732	3626479	2.502	2.329m
5)	MB Aldrin	4.417	5.326	2767169	3602703	2.637	2.463
6)	B beta-BHC	4.152	4.699	1379029	1486719	2.852	2.218
7)	B delta-BHC	4.342	4.909	2690321	3341216	2.356m	2.277
8)	B Heptachlo...	4.849	5.709	2419897	3960339	2.479m	2.849
9)	A Endosulfan I	5.178	6.061	2379521	3325861	2.608	2.634
10)	B gamma-Chl...	5.069	5.941	2453201	3695559	2.471m	2.649
11)	B alpha-Chl...	5.127	6.013	2648293	3568045	2.677	2.571
12)	B 4,4'-DDE	5.297	6.173	2124373	3187441	2.281	2.496
13)	MA Dieldrin	5.415	6.316	2362876	3212558	2.408	2.413
14)	MA Endrin	5.665	6.531	1891458	2757302	2.364m	2.611
15)	B Endosulfa...	5.939	6.741	2174926	3150813	2.507m	2.621
16)	A 4,4'-DDD	5.805	6.659	1986277	2818115	2.465	2.545
17)	MA 4,4'-DDT	6.038	6.955	1497234	2148172	2.170	2.158
18)	B Endrin al...	6.108	6.864	1636624	2754187	2.238	2.662
19)	B Endosulfa...	6.319	7.086	1985415	2936001	2.434	2.615
20)	A Methoxychlor	6.587	7.414	820629	1334557	2.079	2.313
21)	B Endrin ke...	6.800	7.551	3322473	3403817	3.068	2.585
22)	Mirex	6.970	8.001	1556213	2585752	2.210	2.720

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052820\
Data File : PD058187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2020 14:18
Operator : AJ\MA
Sample : L2182-01
Misc : 2.5 PPB LOD
ALS Vial : 18 Sample Multiplier: 1

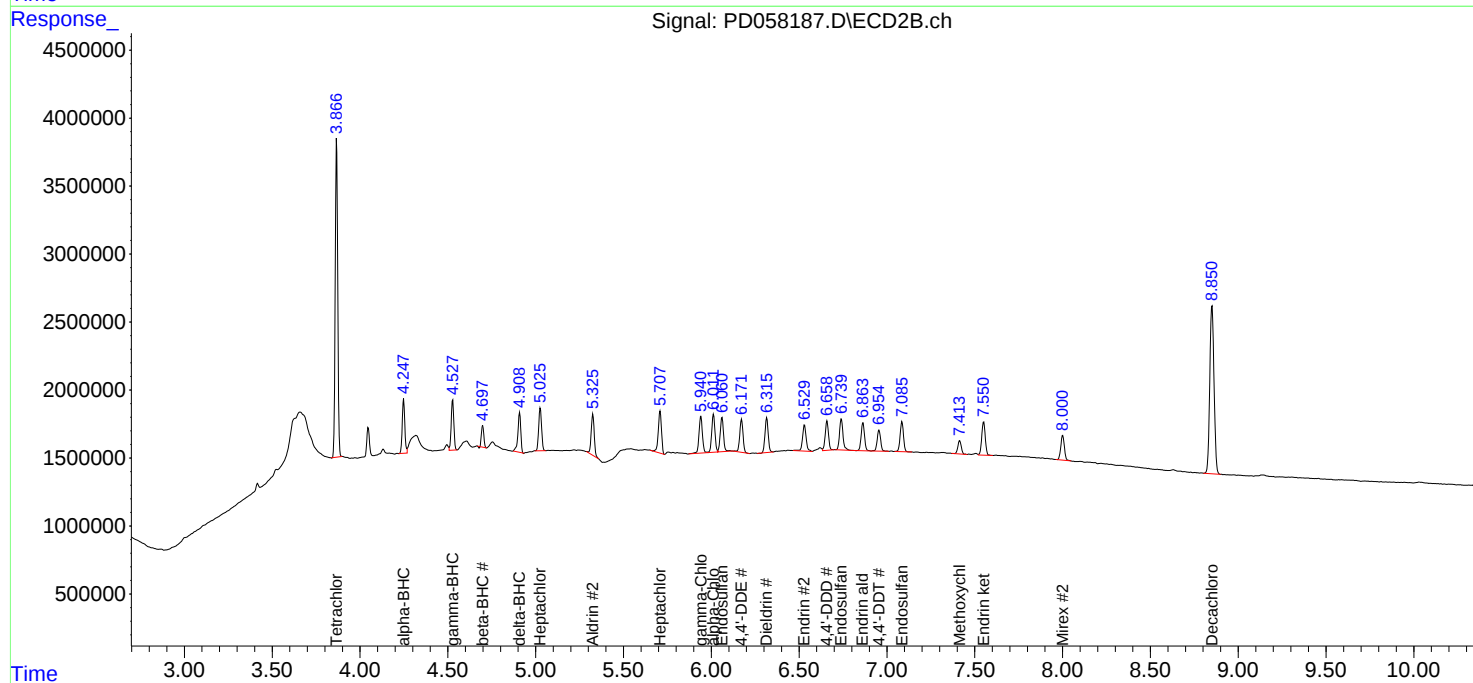
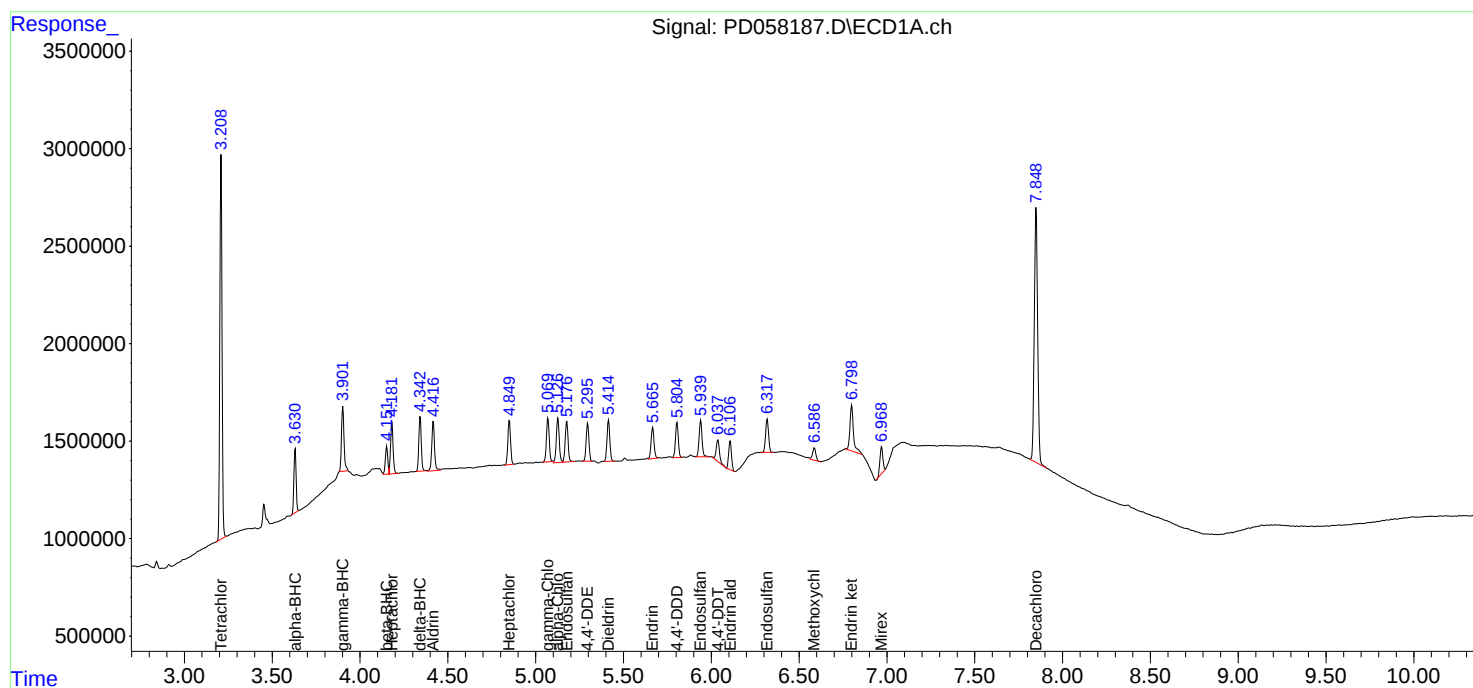
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

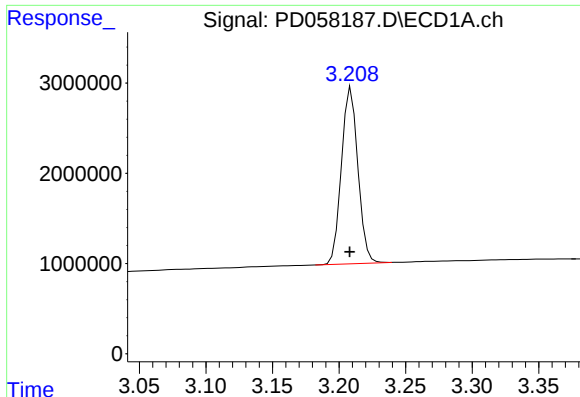
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 01:46:28 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





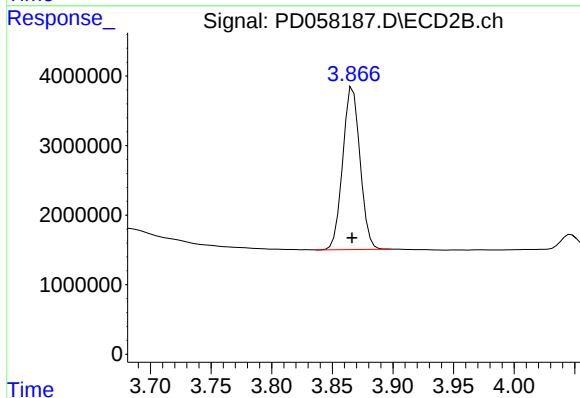
#1 Tetrachloro-m-xylene

R.T.: 3.209 min
Delta R.T.: 0.001 min
Response: 16818794
Conc: 21.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

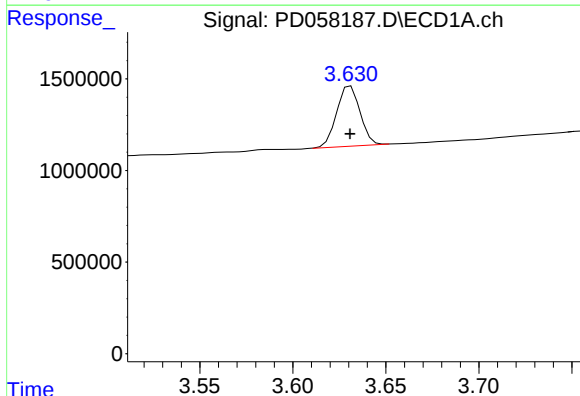
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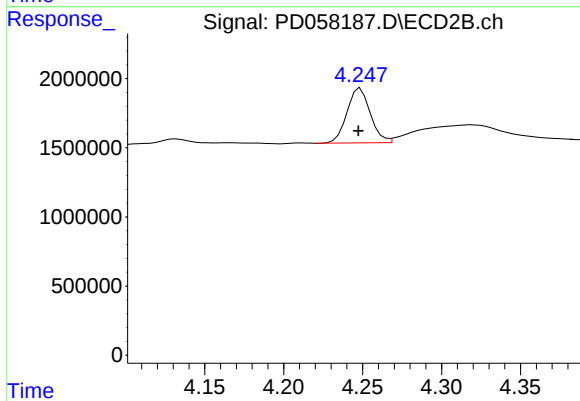
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 23221887
Conc: 20.39 ng/ml



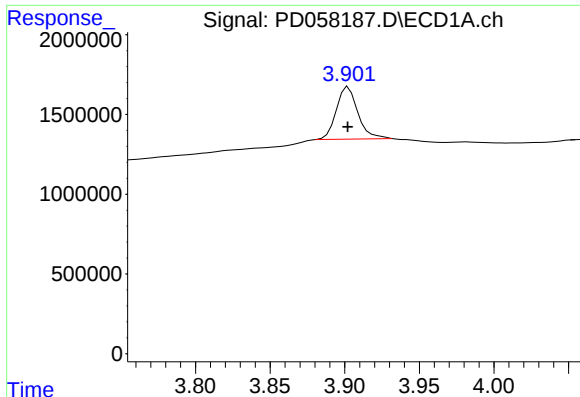
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 2868476
Conc: 2.37 ng/ml



#2 alpha-BHC

R.T.: 4.249 min
Delta R.T.: 0.001 min
Response: 4074416
Conc: 2.39 ng/ml



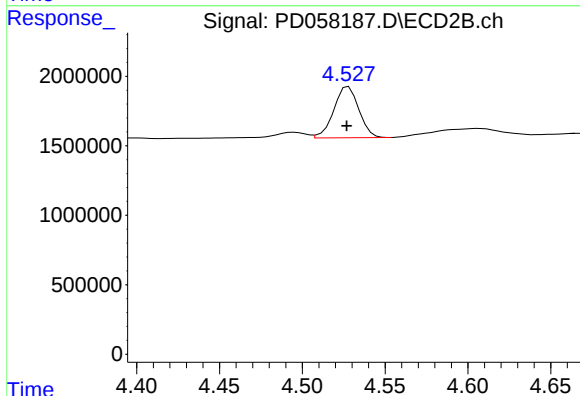
#3 gamma-BHC (Lindane)

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 3313909
Conc: 2.82 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

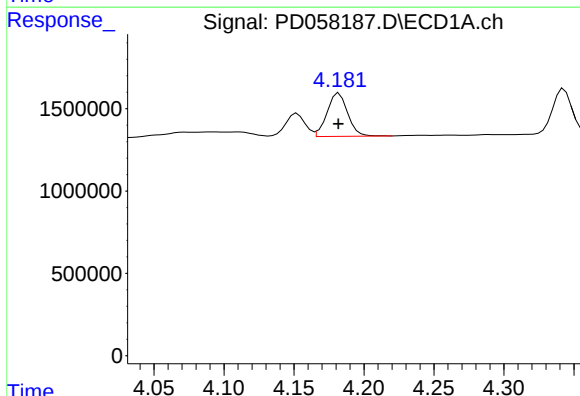
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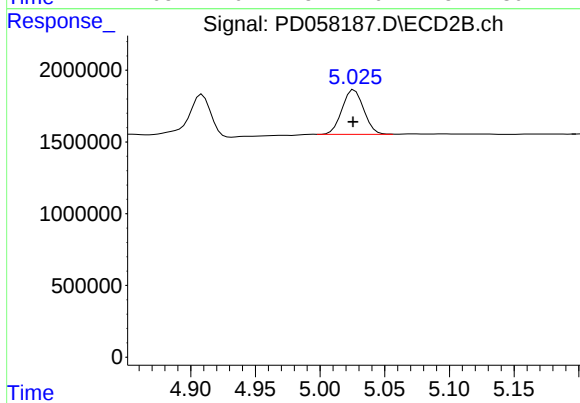
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 3875479
Conc: 2.34 ng/ml



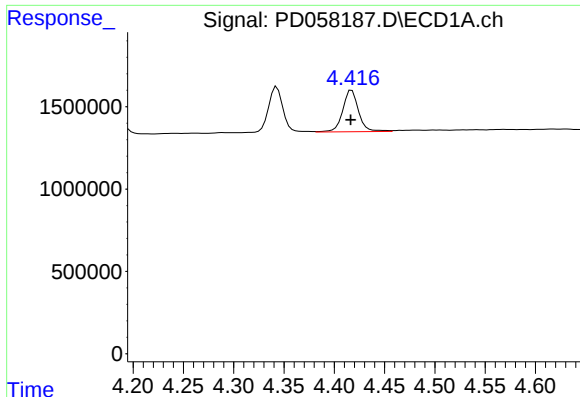
#4 Heptachlor

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 2677732
Conc: 2.50 ng/ml



#4 Heptachlor

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 3626479
Conc: 2.33 ng/ml m



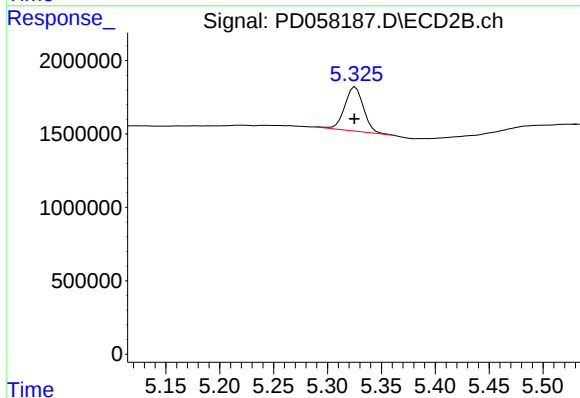
#5 Aldrin

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 2767169
Conc: 2.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

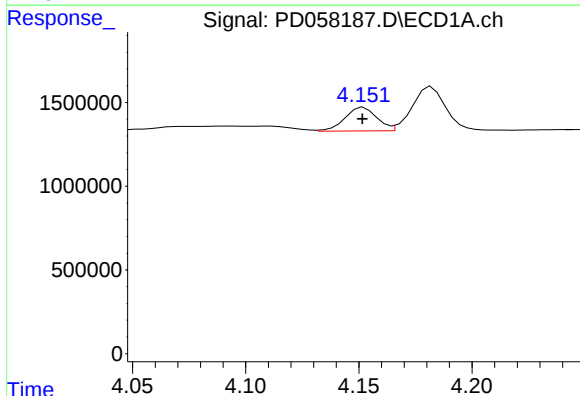
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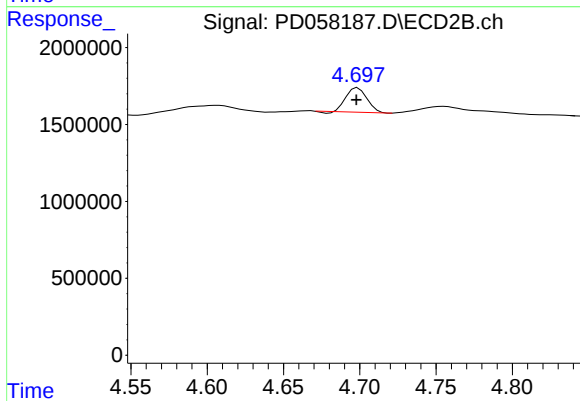
#5 Aldrin

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 3602703
Conc: 2.46 ng/ml



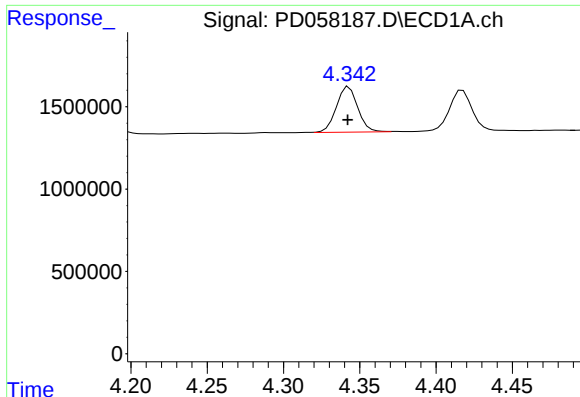
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 1379029
Conc: 2.85 ng/ml



#6 beta-BHC

R.T.: 4.699 min
Delta R.T.: 0.001 min
Response: 1486719
Conc: 2.22 ng/ml



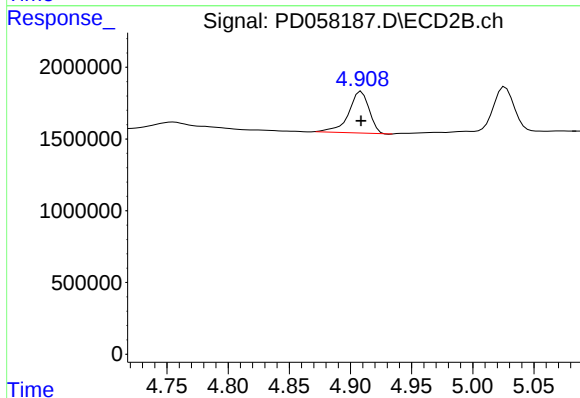
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 2690321
Conc: 2.36 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

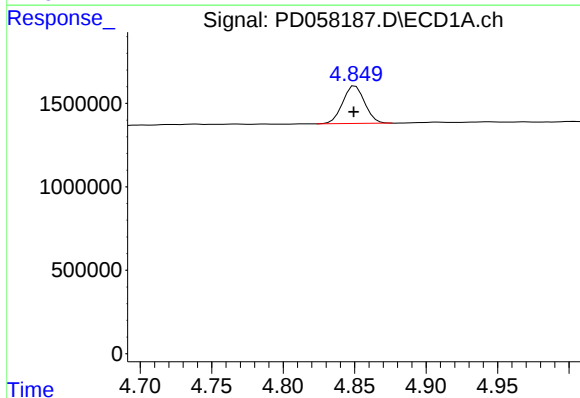
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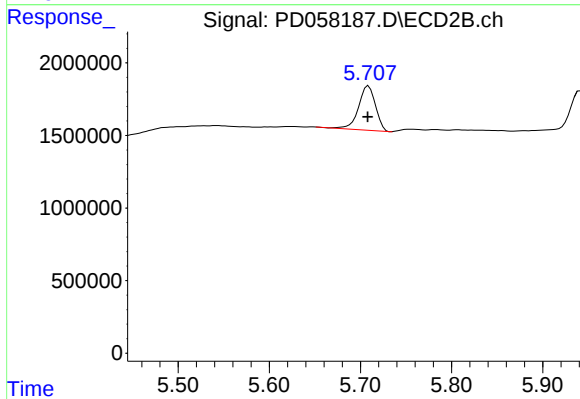
#7 delta-BHC

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 3341216
Conc: 2.28 ng/ml



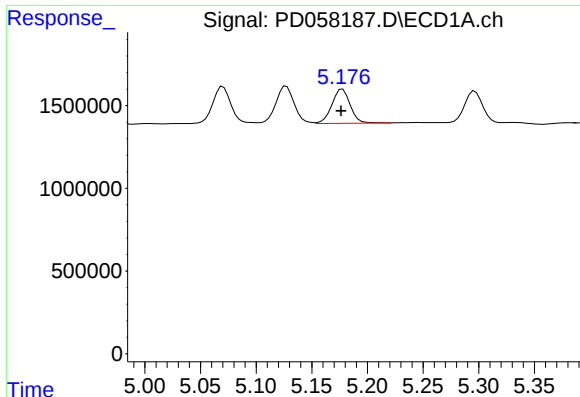
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 2419897
Conc: 2.48 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3960339
Conc: 2.85 ng/ml



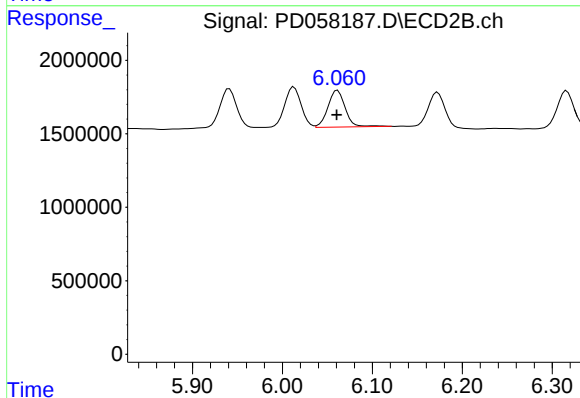
#9 Endosulfan I

R.T.: 5.178 min
Delta R.T.: 0.001 min
Response: 2379521
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

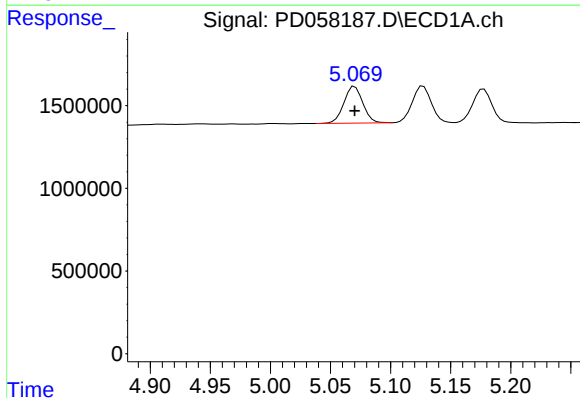
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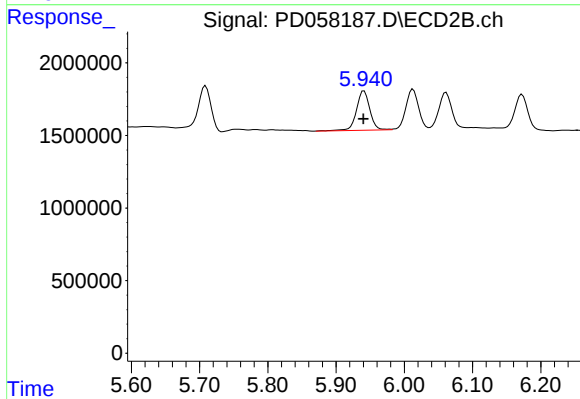
#9 Endosulfan I

R.T.: 6.061 min
Delta R.T.: 0.001 min
Response: 3325861
Conc: 2.63 ng/ml



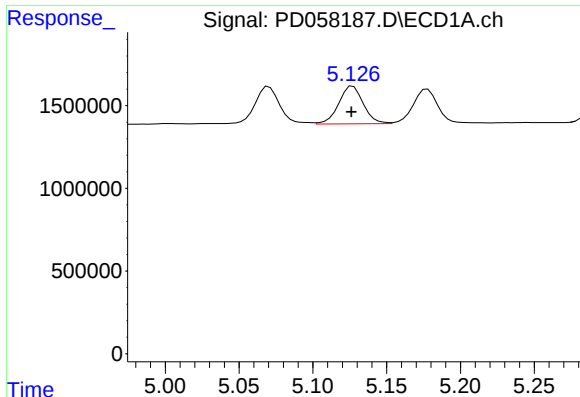
#10 gamma-Chlordane

R.T.: 5.069 min
Delta R.T.: -0.001 min
Response: 2453201
Conc: 2.47 ng/ml m



#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 3695559
Conc: 2.65 ng/ml



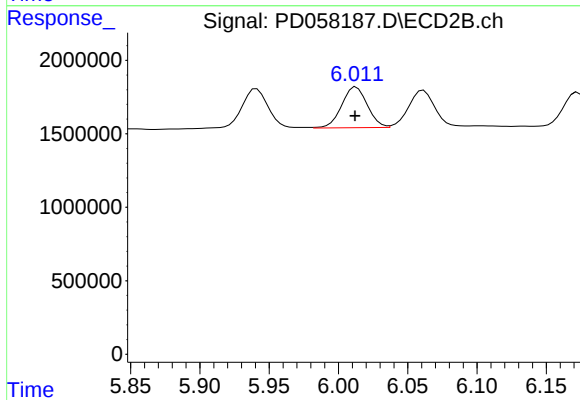
#11 alpha-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.001 min
Response: 2648293
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

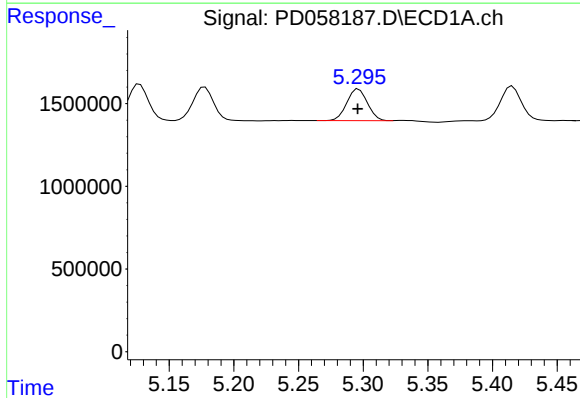
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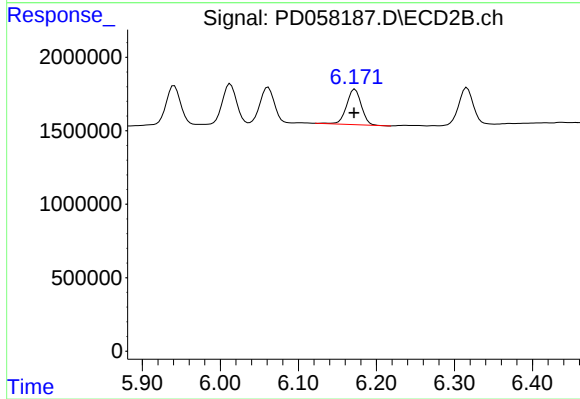
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 3568045
Conc: 2.57 ng/ml



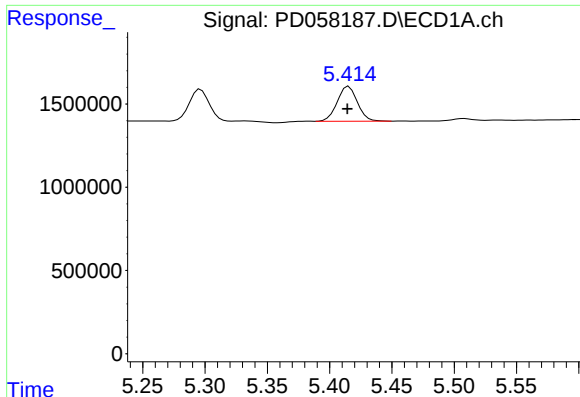
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 2124373
Conc: 2.28 ng/ml



#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: 0.001 min
Response: 3187441
Conc: 2.50 ng/ml



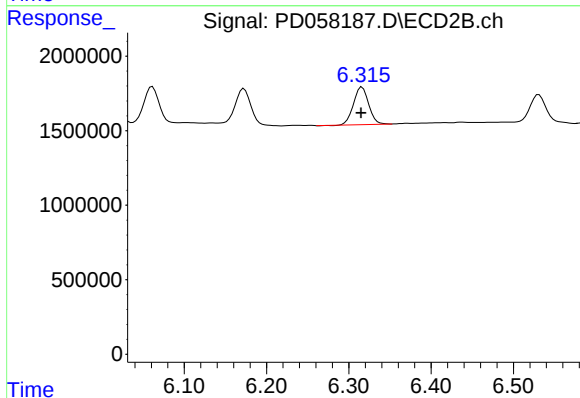
#13 Dieldrin

R.T.: 5.415 min
Delta R.T.: 0.001 min
Response: 2362876
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

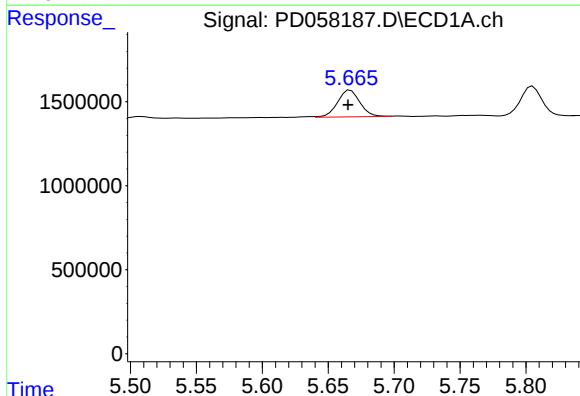
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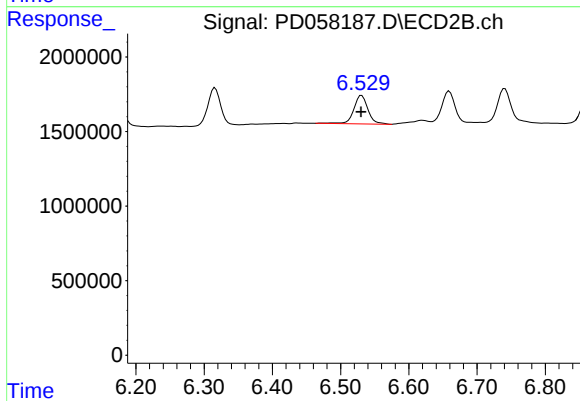
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.001 min
Response: 3212558
Conc: 2.41 ng/ml



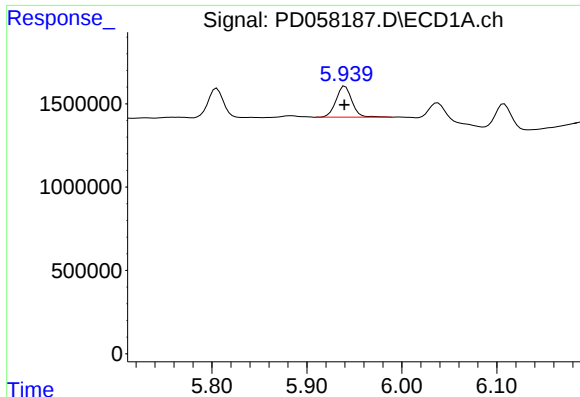
#14 Endrin

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 1891458
Conc: 2.36 ng/ml m



#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.001 min
Response: 2757302
Conc: 2.61 ng/ml



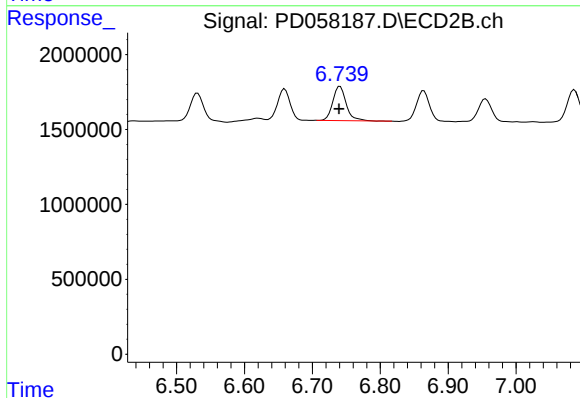
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 2174926
Conc: 2.51 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

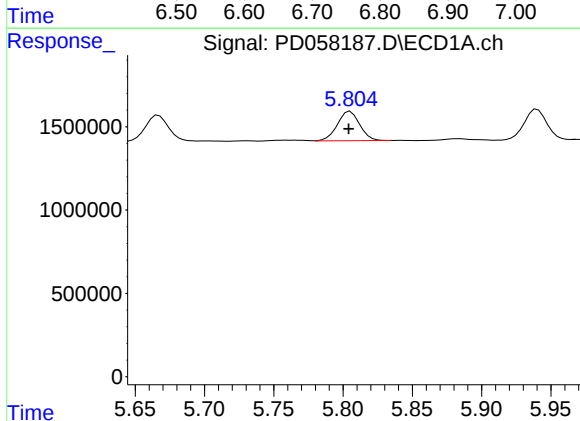
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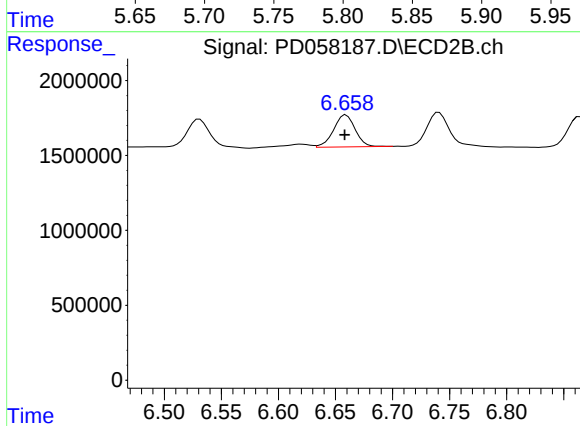
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 3150813
Conc: 2.62 ng/ml



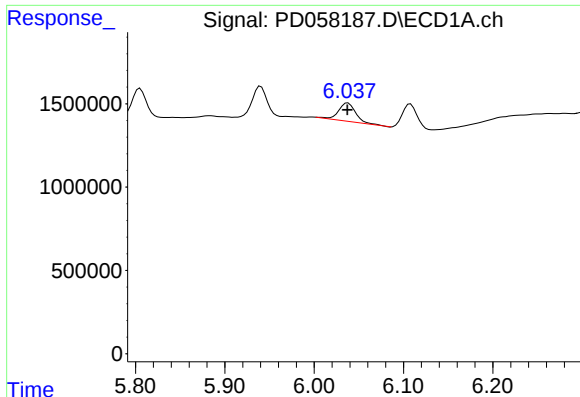
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 1986277
Conc: 2.46 ng/ml



#16 4,4'-DDD

R.T.: 6.659 min
Delta R.T.: 0.001 min
Response: 2818115
Conc: 2.54 ng/ml



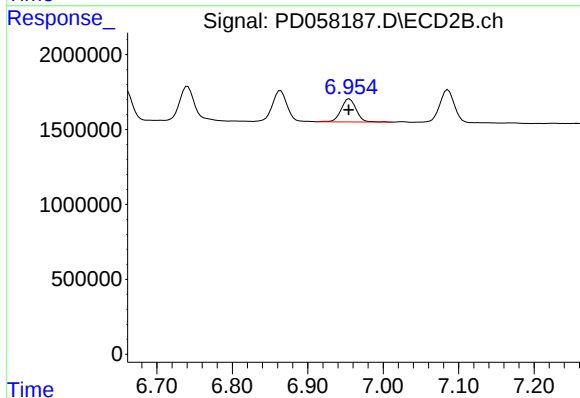
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 1497234
Conc: 2.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

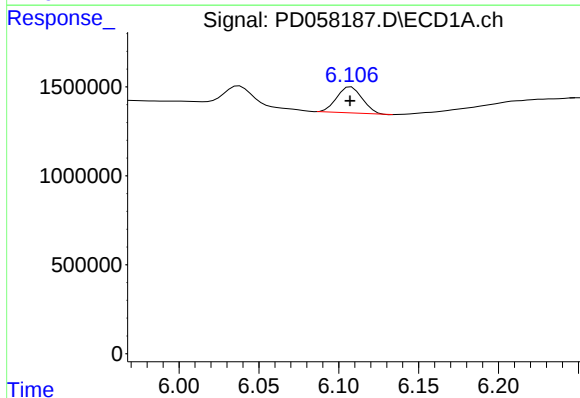
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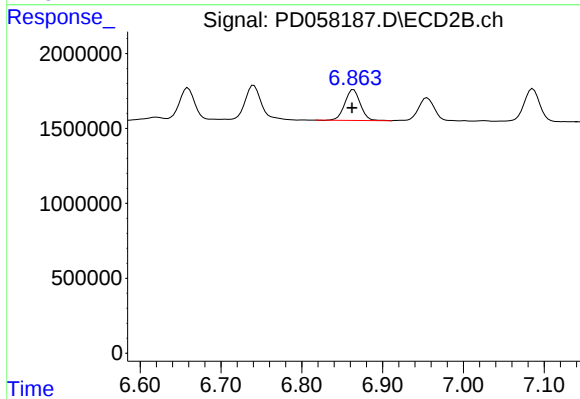
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 2148172
Conc: 2.16 ng/ml



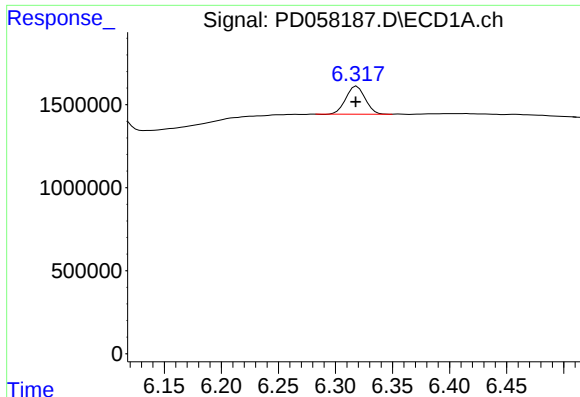
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 1636624
Conc: 2.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.864 min
Delta R.T.: 0.002 min
Response: 2754187
Conc: 2.66 ng/ml



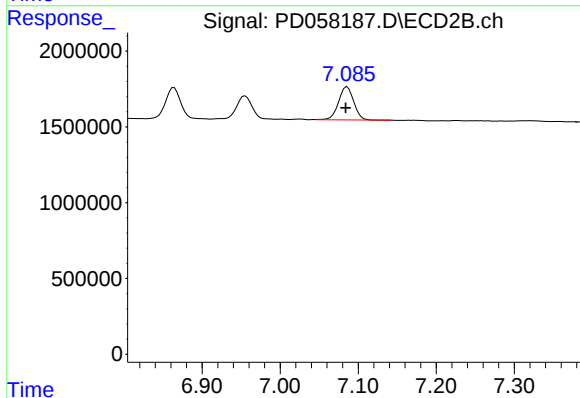
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 1985415
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

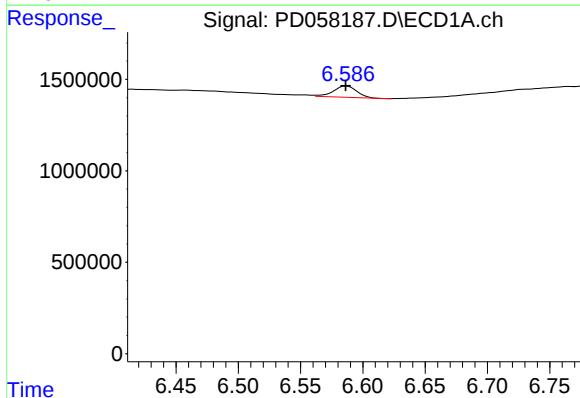
Manual Integrations
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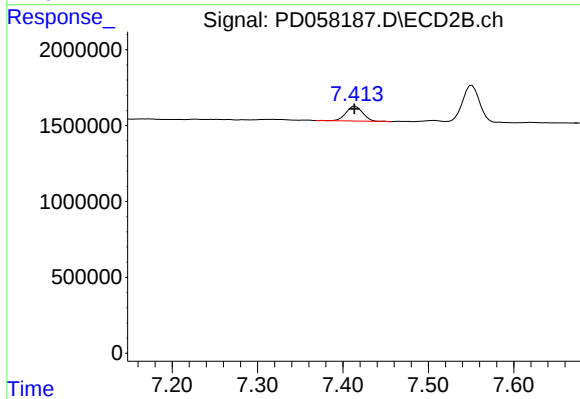
#19 Endosulfan Sulfate

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 2936001
Conc: 2.62 ng/ml



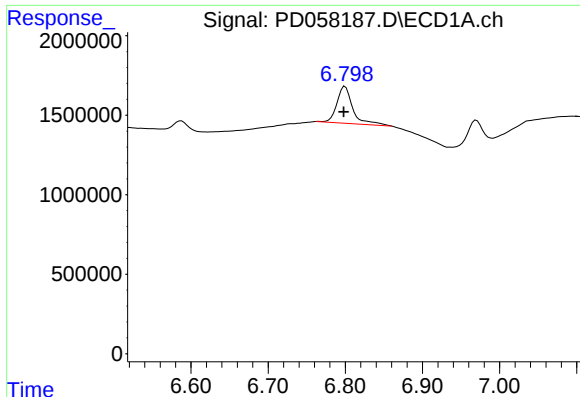
#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 820629
Conc: 2.08 ng/ml



#20 Methoxychlor

R.T.: 7.414 min
Delta R.T.: 0.001 min
Response: 1334557
Conc: 2.31 ng/ml



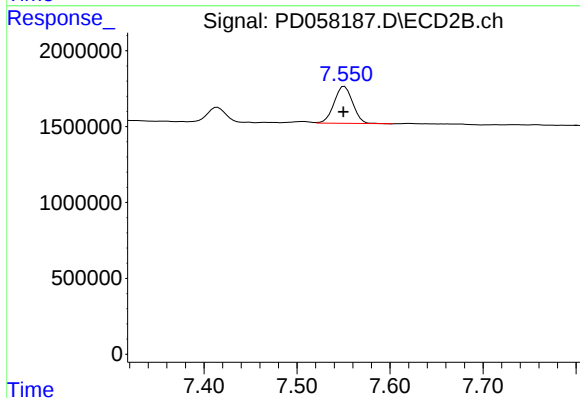
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 3322473
Conc: 3.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

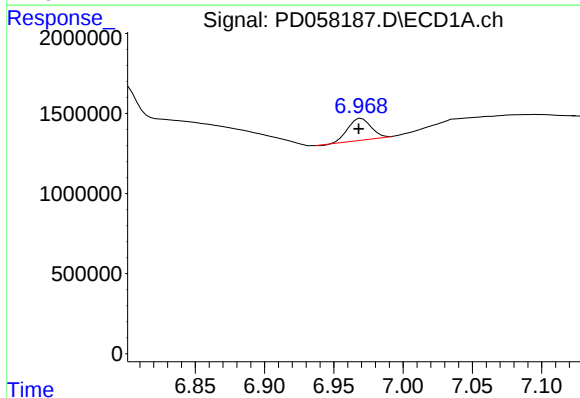
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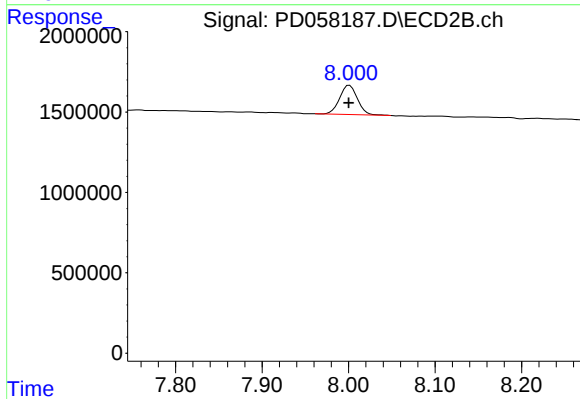
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: 0.001 min
Response: 3403817
Conc: 2.59 ng/ml



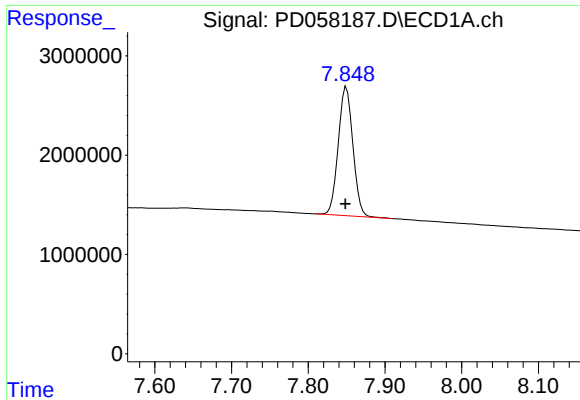
#22 Mirex

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 1556213
Conc: 2.21 ng/ml



#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 2585752
Conc: 2.72 ng/ml



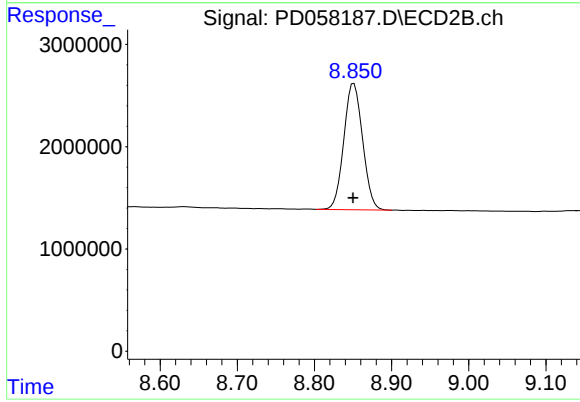
#28 Decachlorobiphenyl

R.T.: 7.850 min
Delta R.T.: 0.001 min
Response: 17236579
Conc: 21.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations
APPROVED

mohammad
6/1/2020 1:28:00 PM



#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: 0.001 min
Response: 20820685
Conc: 20.08 ng/ml