

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102120\
 Data File : PD059864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2020 02:00
 Operator : DD\AJ
 Sample : L4214-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:38:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 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...	3.508	4.024	30948751	51508674	20.843	20.986
28)	SA Decachlor...	8.306	9.108	38464990	42834214	24.879	23.653
Target Compounds							
2)	A alpha-BHC	3.949	4.415	3236730	4949317	1.339	1.292
3)	MA gamma-BHC...	4.235	4.701	3914801	3373814	1.719	0.962 #
4)	MA Heptachlor	4.543	5.211	2626524	3732056	1.107	1.095m
5)	MB Aldrin	4.795	5.517	2539526	3509334	1.138	1.117m
6)	B beta-BHC	4.486	4.869	1405211	1818115	1.495	1.241
7)	B delta-BHC	4.694	5.086	2392888	2419568	1.083	0.847m
8)	B Heptachlo...	5.241	5.905	2425759	3159040	1.182	1.151
9)	A Endosulfan I	5.584	6.263	2311882	3124376	1.221	1.170
10)	B gamma-Chl...	5.471	6.139	2473638	3250684	1.199	1.112
11)	B alpha-Chl...	5.530	6.212	2471708	3368966	1.208	1.159
12)	B 4,4'-DDE	5.694	6.367	2416183	3085132	1.192	1.125
13)	MA Dieldrin	5.829	6.520	2364632	3425279	1.151	1.193
14)	MA Endrin	6.088	6.739	2376352	2832019	1.293	1.144
15)	B Endosulfa...	6.362	6.945	2221193	3291108	1.175	1.268m
16)	A 4,4'-DDD	6.214	6.855	2120160	3602853	1.269	1.557m
17)	MA 4,4'-DDT	6.456	7.156	1912093	2369368	1.065	1.000m
18)	B Endrin al...	6.531	7.071	1840298	3581750	1.267	1.733 #
19)	B Endosulfa...	6.746	7.294	2122224	2789994	1.313	1.213
20)	A Methoxychlor	7.005	7.614	1112081	1453844	1.174m	1.142
21)	B Endrin ke...	7.241	7.765	2476615	2957454	1.321	1.190m
22)	Mirex	7.436	8.222	2714170	1344726	1.895	0.823m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102120\
Data File : PD059864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2020 02:00
Operator : DD\AJ
Sample : L4214-03
Misc : PEST MDL 1 PPB
ALS Vial : 7 Sample Multiplier: 1

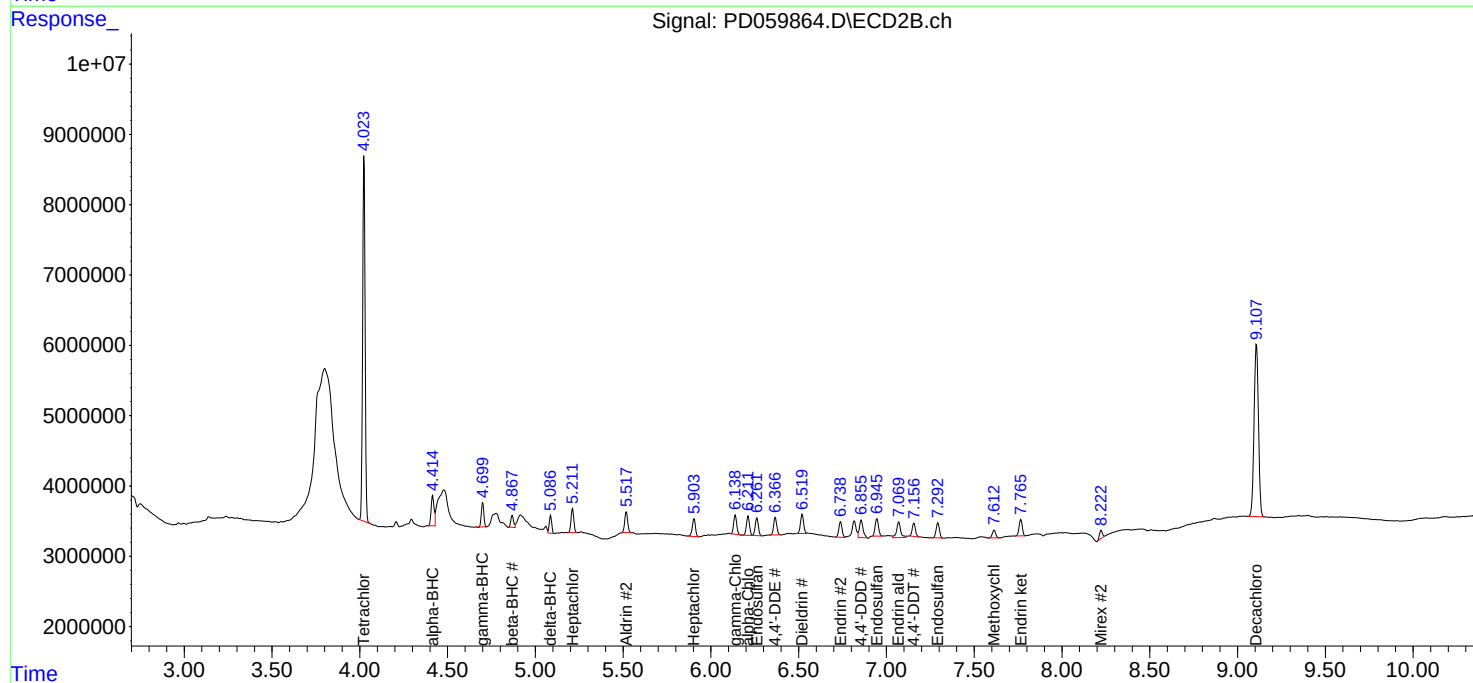
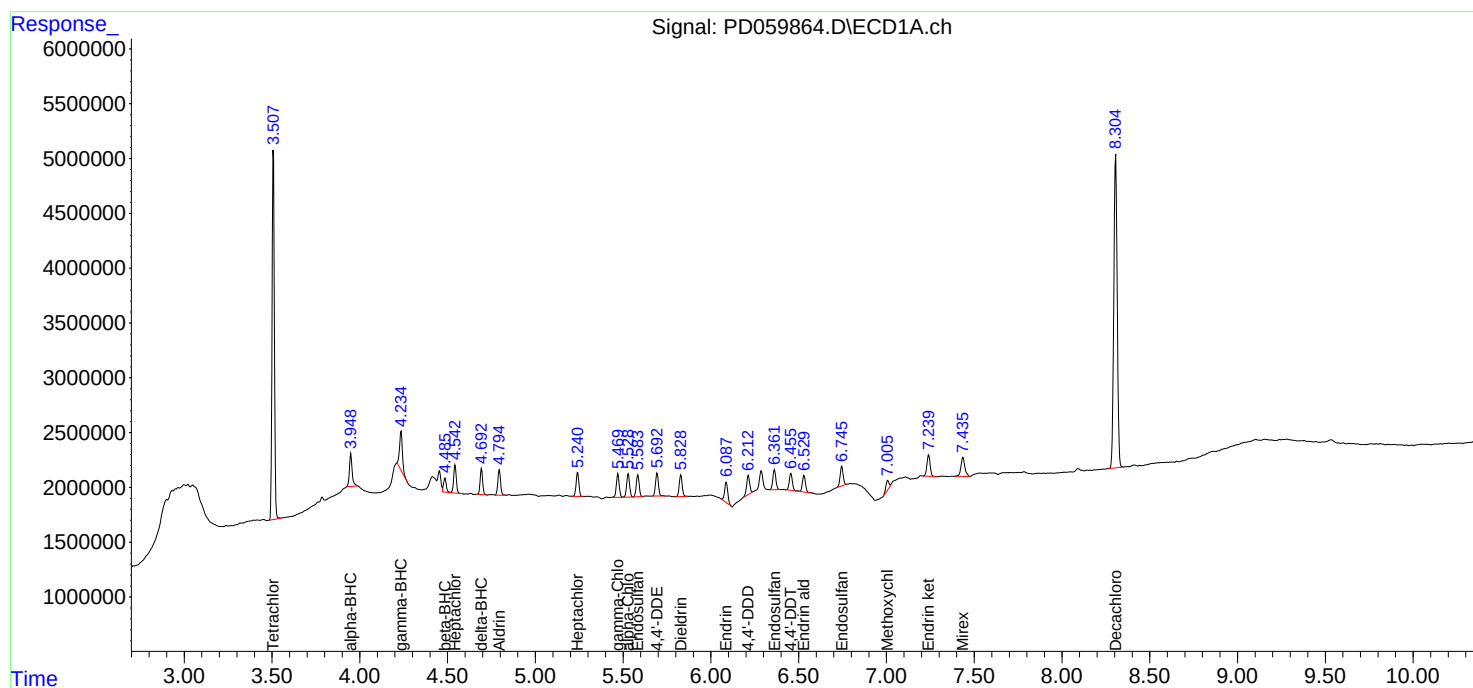
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

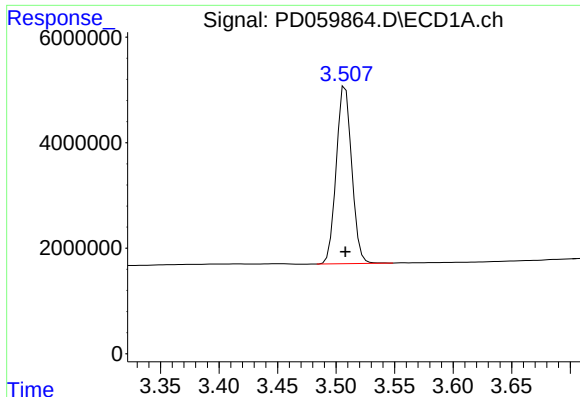
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:38:22 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response 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





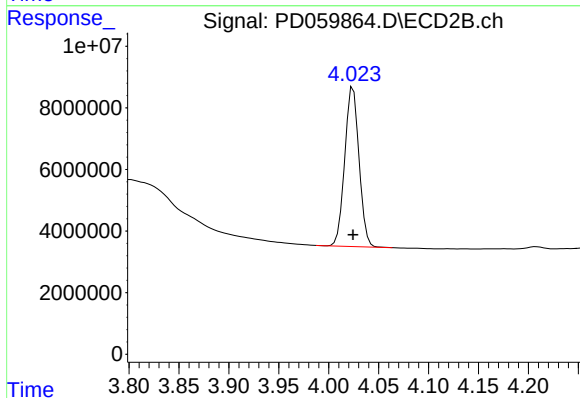
#1 Tetrachloro-m-xylene

R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 30948751
Conc: 20.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

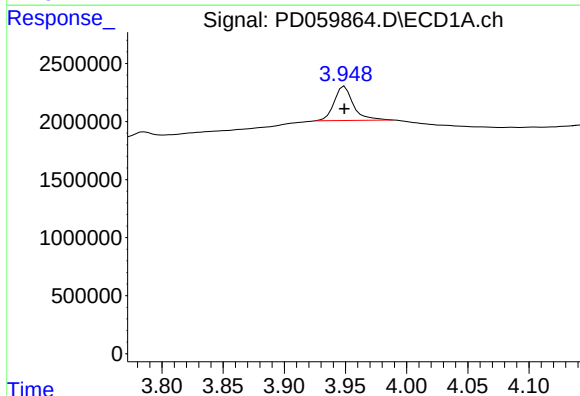
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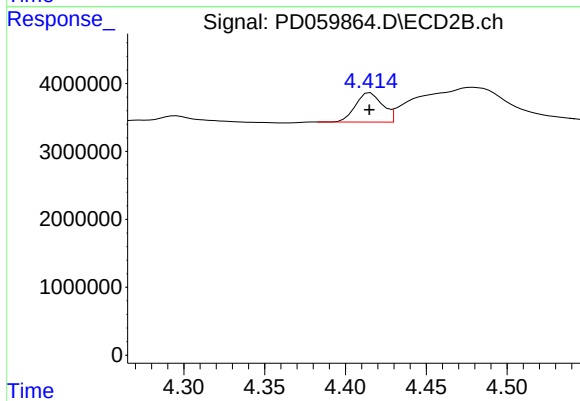
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 51508674
Conc: 20.99 ng/ml



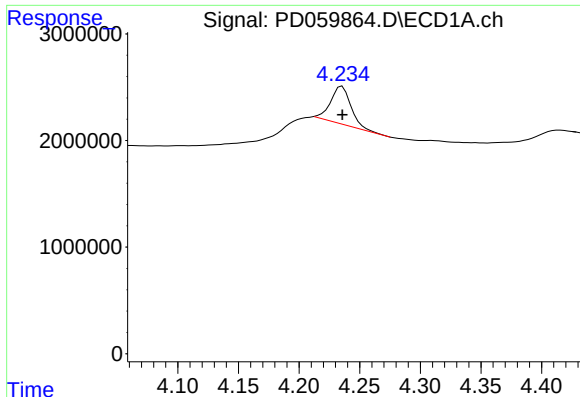
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 3236730
Conc: 1.34 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 4949317
Conc: 1.29 ng/ml



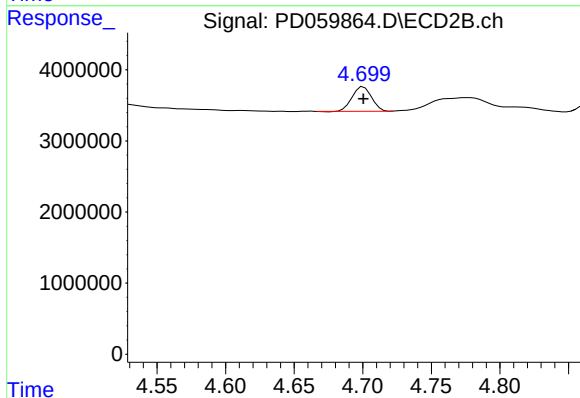
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 3914801
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

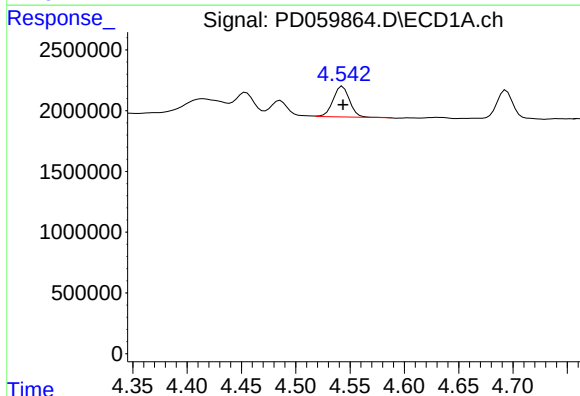
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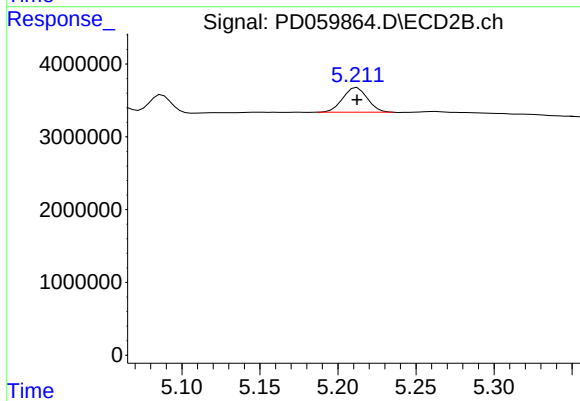
#3 gamma-BHC (Lindane)

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 3373814
Conc: 0.96 ng/ml



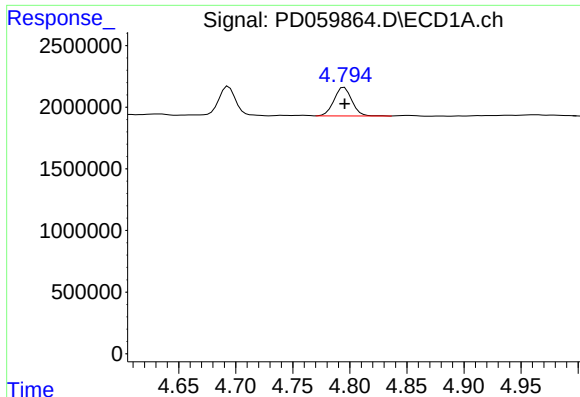
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 2626524
Conc: 1.11 ng/ml



#4 Heptachlor

R.T.: 5.211 min
Delta R.T.: -0.001 min
Response: 3732056
Conc: 1.09 ng/ml m



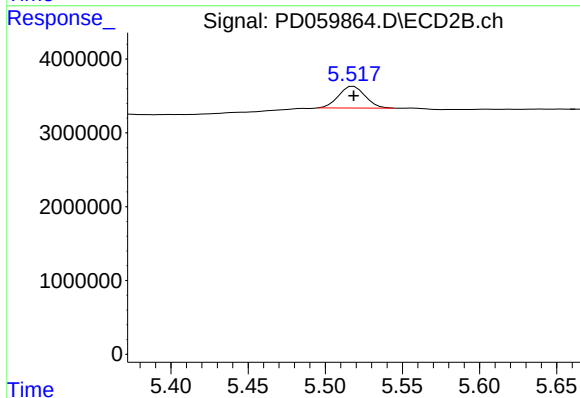
#5 Aldrin

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 2539526
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

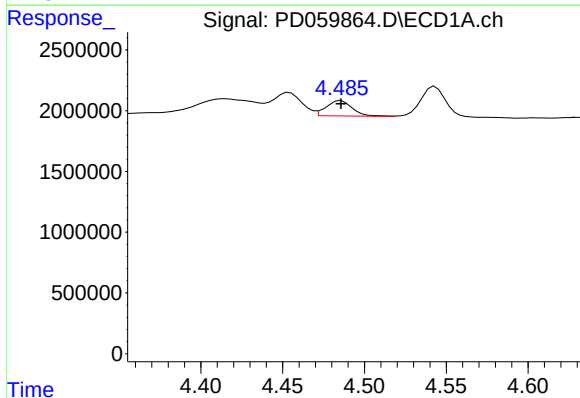
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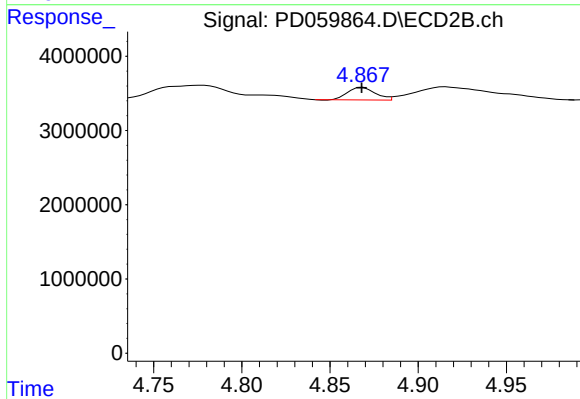
#5 Aldrin

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 3509334
Conc: 1.12 ng/ml m



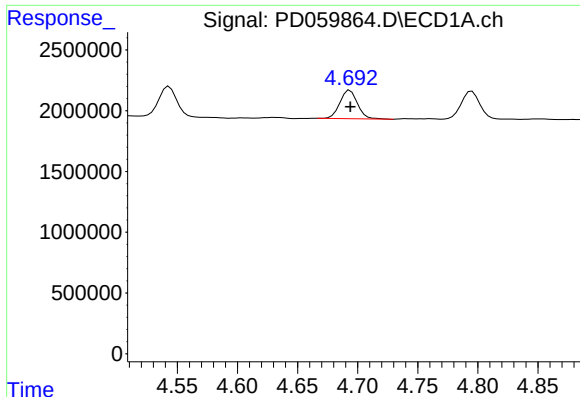
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 1405211
Conc: 1.49 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1818115
Conc: 1.24 ng/ml



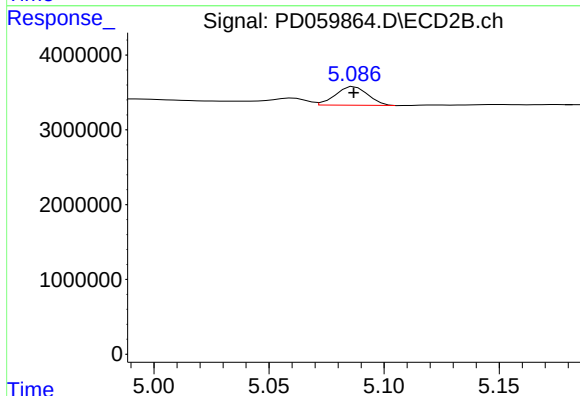
#7 delta-BHC

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 2392888
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

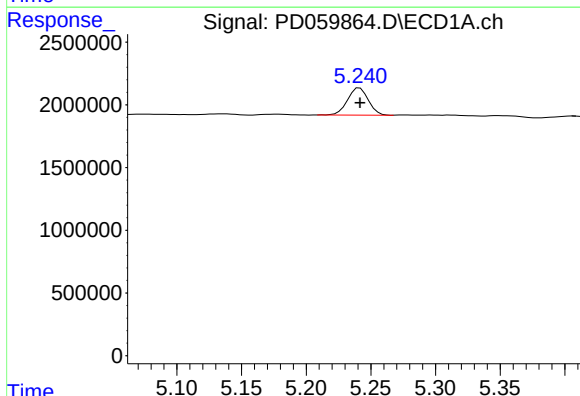
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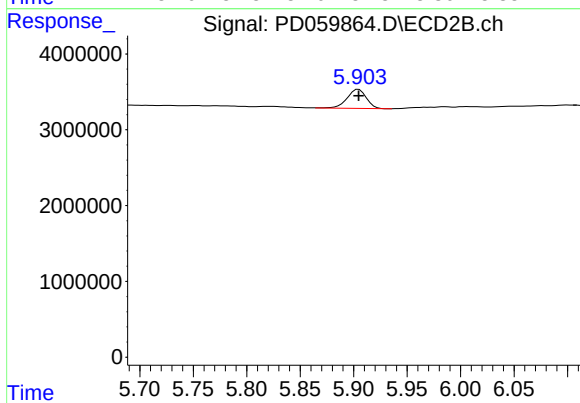
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 2419568
Conc: 0.85 ng/ml m



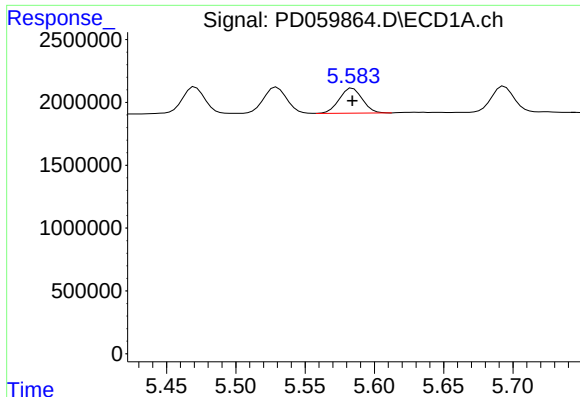
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 2425759
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 3159040
Conc: 1.15 ng/ml



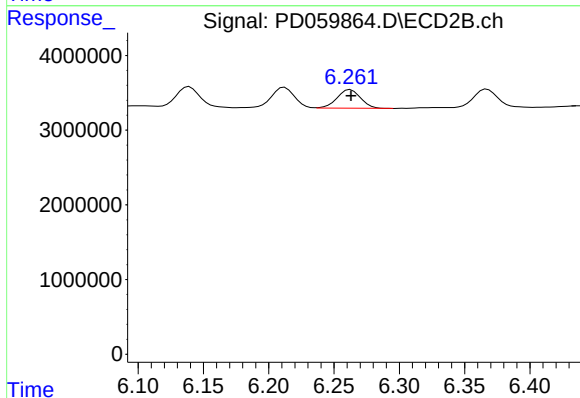
#9 Endosulfan I

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 2311882
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

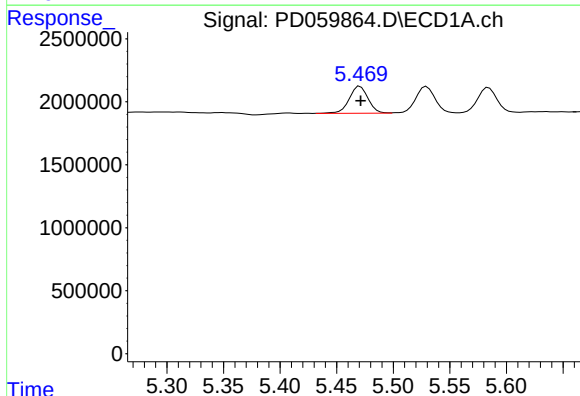
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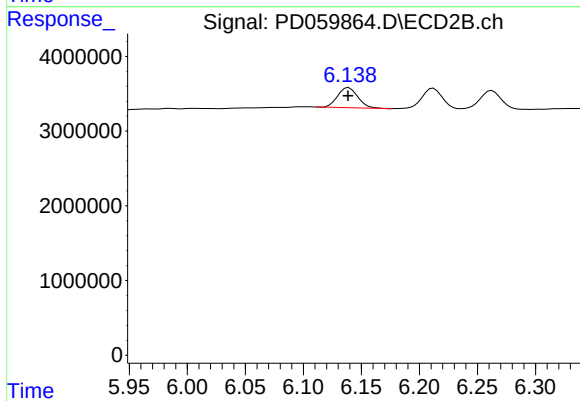
#9 Endosulfan I

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 3124376
Conc: 1.17 ng/ml



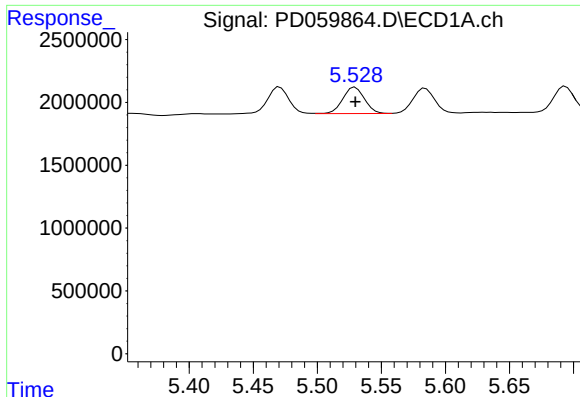
#10 gamma-Chlordane

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 2473638
Conc: 1.20 ng/ml



#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 3250684
Conc: 1.11 ng/ml



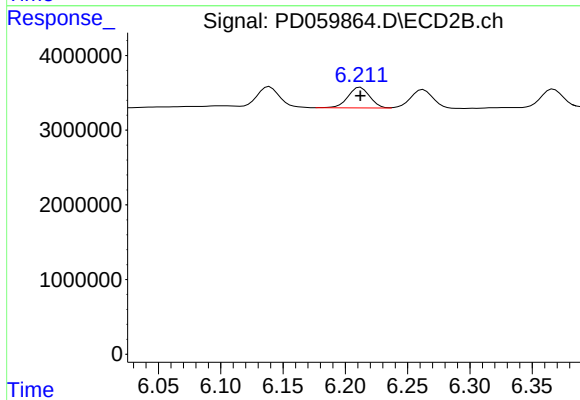
#11 alpha-Chlordane

R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 2471708
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

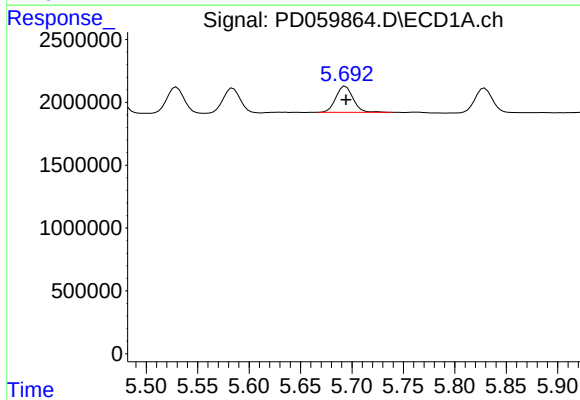
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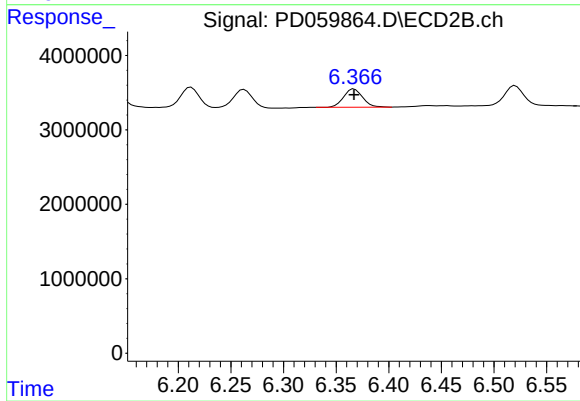
#11 alpha-Chlordane

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 3368966
Conc: 1.16 ng/ml



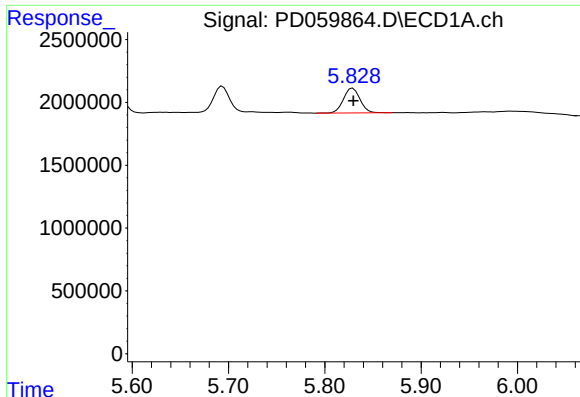
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 2416183
Conc: 1.19 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 3085132
Conc: 1.12 ng/ml



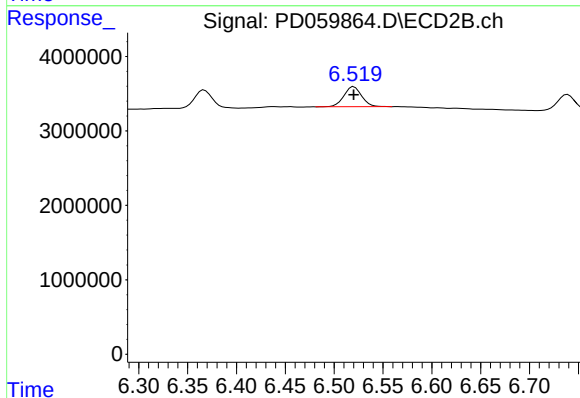
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 2364632
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

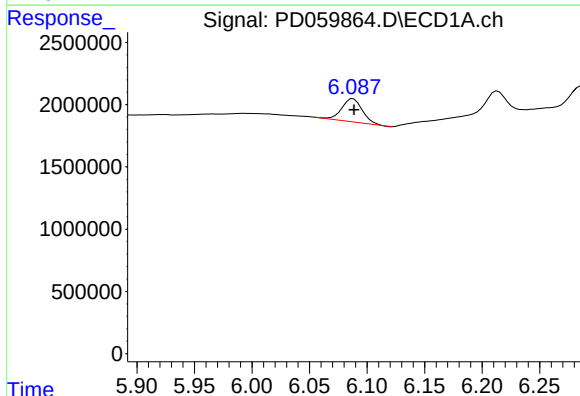
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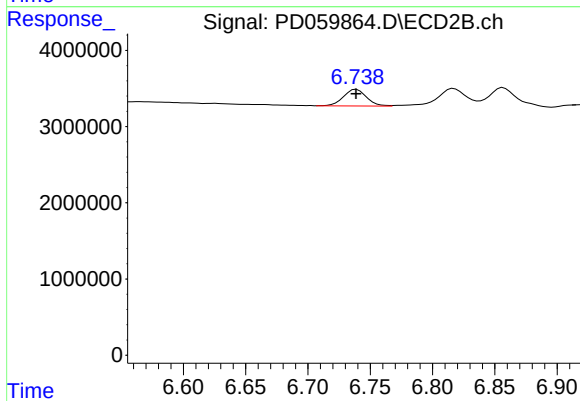
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3425279
Conc: 1.19 ng/ml



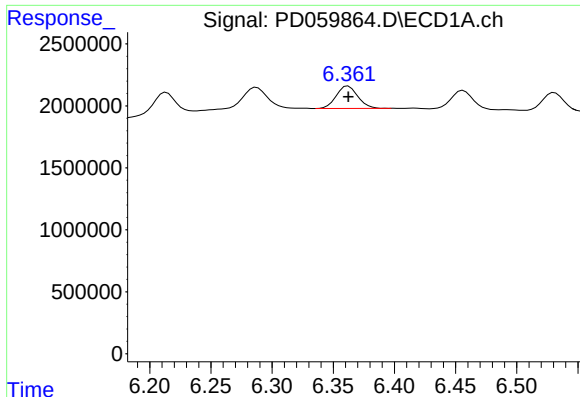
#14 Endrin

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 2376352
Conc: 1.29 ng/ml



#14 Endrin

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 2832019
Conc: 1.14 ng/ml



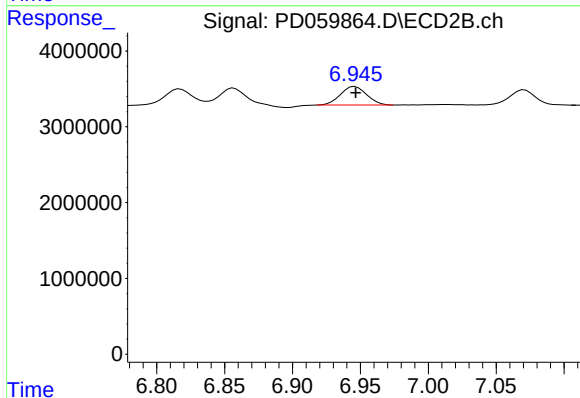
#15 Endosulfan II

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 2221193
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

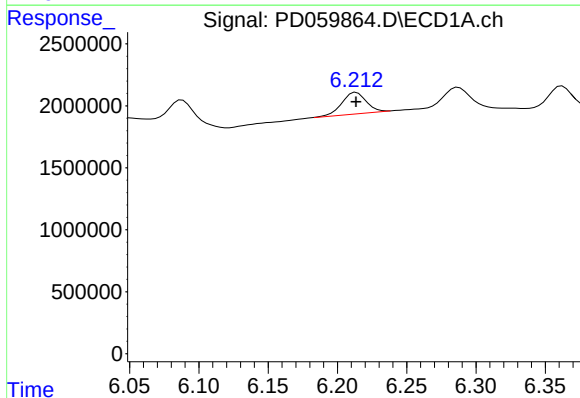
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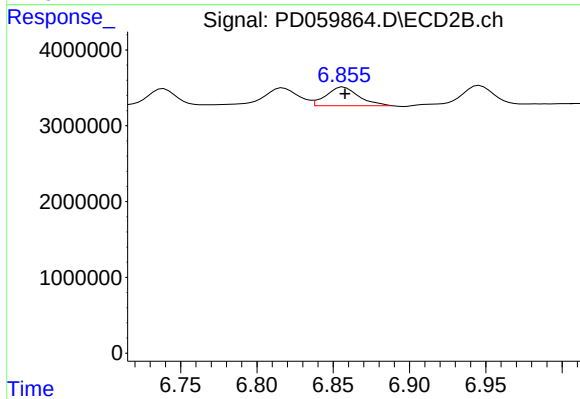
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 3291108
Conc: 1.27 ng/ml m



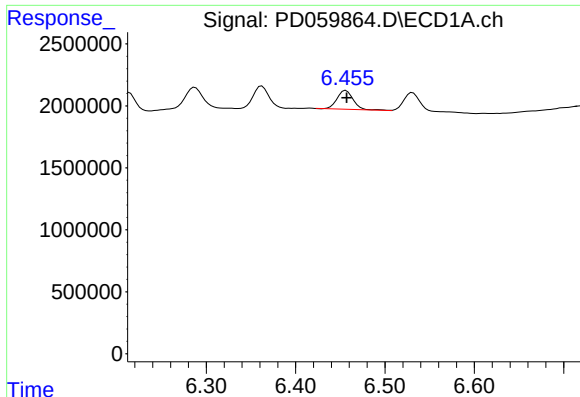
#16 4,4'-DDD

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2120160
Conc: 1.27 ng/ml



#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 3602853
Conc: 1.56 ng/ml m



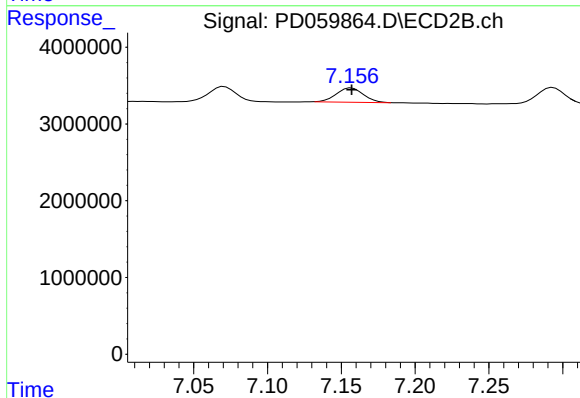
#17 4,4'-DDT

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 1912093
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

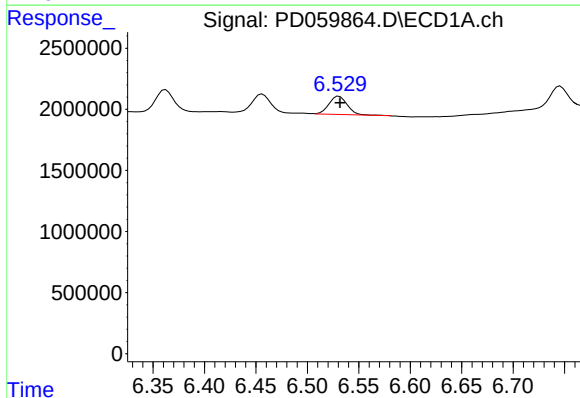
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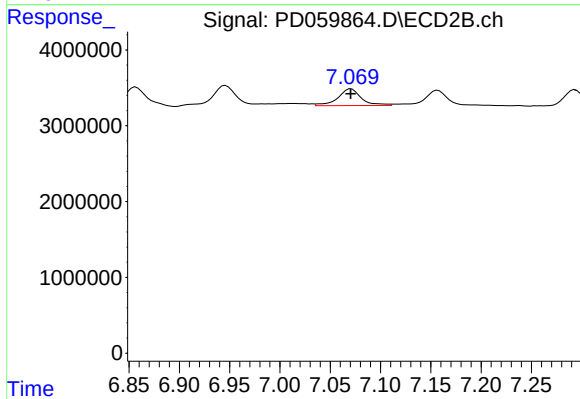
#17 4,4'-DDT

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 2369368
Conc: 1.00 ng/ml m



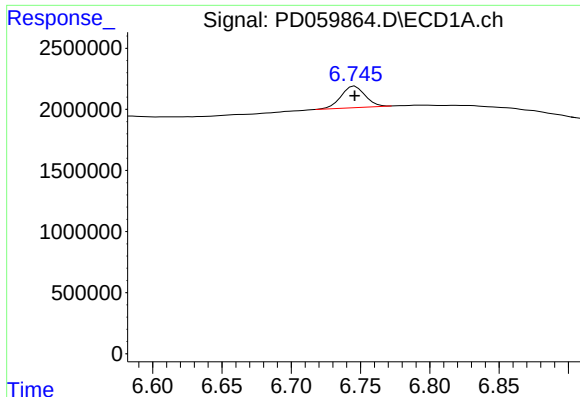
#18 Endrin aldehyde

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 1840298
Conc: 1.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 3581750
Conc: 1.73 ng/ml



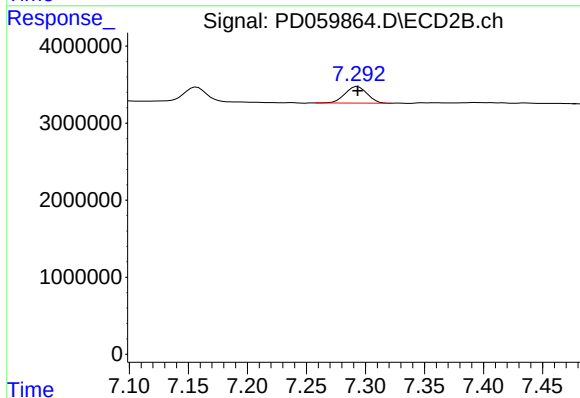
#19 Endosulfan Sulfate

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 2122224
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

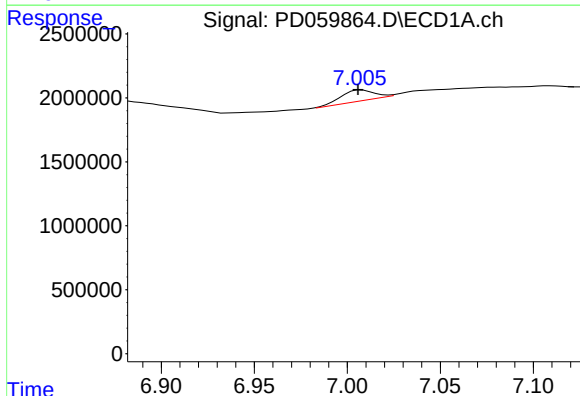
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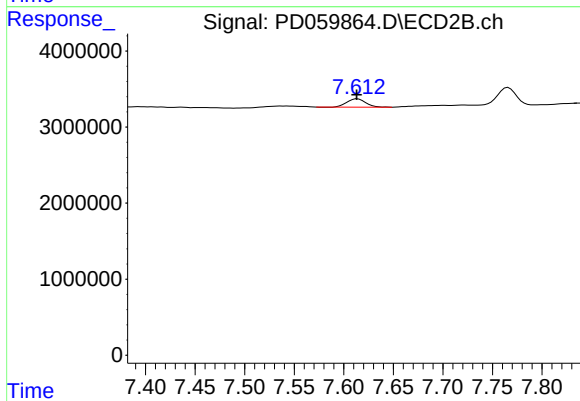
#19 Endosulfan Sulfate

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 2789994
Conc: 1.21 ng/ml



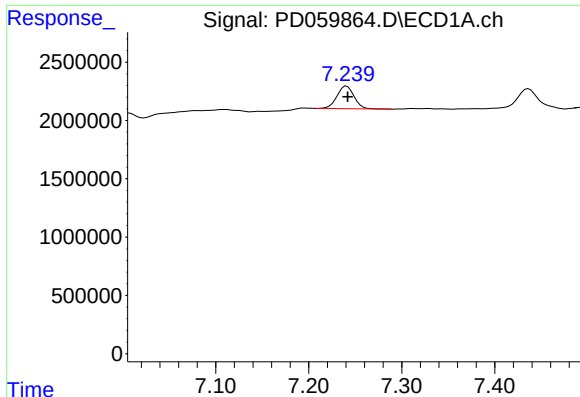
#20 Methoxychlor

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 1112081
Conc: 1.17 ng/ml m



#20 Methoxychlor

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 1453844
Conc: 1.14 ng/ml



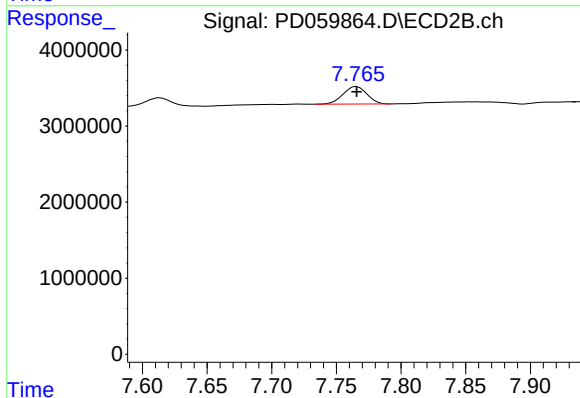
#21 Endrin ketone

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 2476615
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

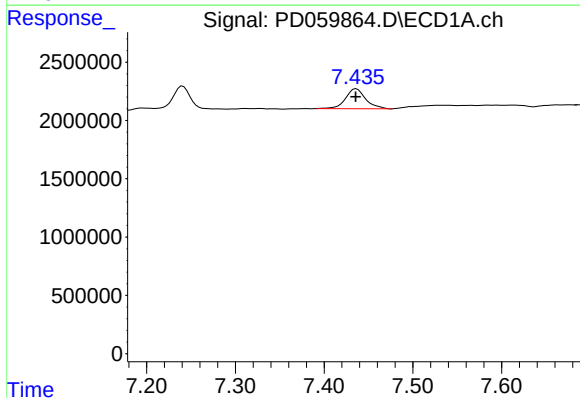
Manual Integrations
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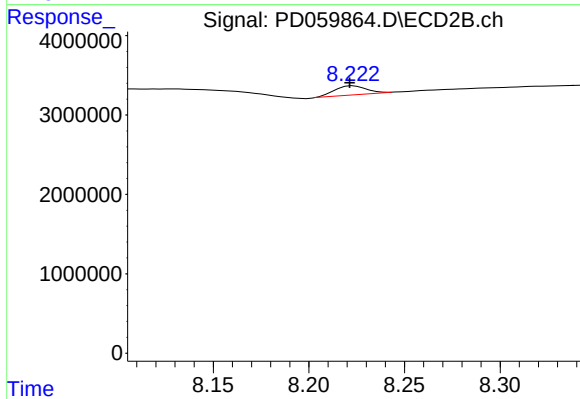
#21 Endrin ketone

R.T.: 7.765 min
Delta R.T.: -0.001 min
Response: 2957454
Conc: 1.19 ng/ml m



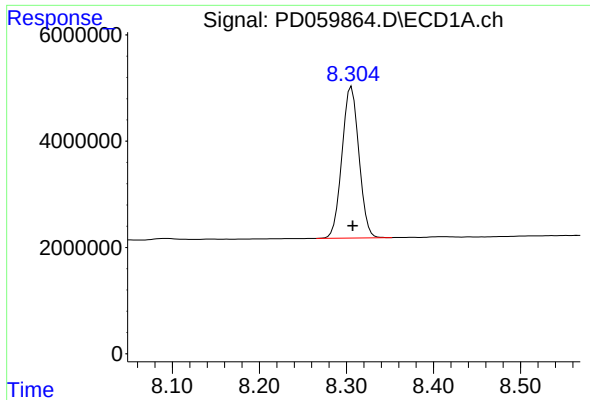
#22 Mirex

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 2714170
Conc: 1.89 ng/ml



#22 Mirex

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 1344726
Conc: 0.82 ng/ml m



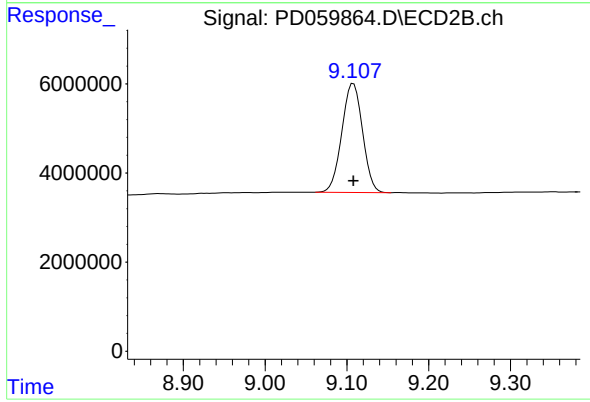
#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 38464990
Conc: 24.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2020

Manual Integrations
APPROVED

Ankita
10/21/2020 2:02:07 PM



#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 42834214
Conc: 23.65 ng/ml