

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052920\
 Data File : PD058216.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2020 12:37
 Operator : AJ\MA
 Sample : L2182-03
 Misc : 1 PPB MDL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 14:07:55 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	3.866	15855194	22597426	20.287	19.841
28)	SA Decachlor...	7.851	8.854	19138708	24198817	23.936	23.342
Target Compounds							
2)	A alpha-BHC	3.631	4.248	1153265	1589159	0.951	0.933
3)	MA gamma-BHC...	3.903	4.527	2397946	1434171	2.044	0.866 #
4)	MA Heptachlor	4.182	5.025	1100153	1369091	1.028	0.879m
5)	MB Aldrin	4.418	5.326	931878	1551796	0.888	1.061
6)	B beta-BHC	4.151	4.698	381768	527164	0.790m	0.786m
7)	B delta-BHC	4.342	4.901	931226	446854	0.816m	0.304m#
8)	B Heptachlo...	4.850	5.709	896544	2163399	0.918m	1.556m#
9)	A Endosulfan I	5.176	6.062	781447	1523404	0.856m	1.207 #
10)	B gamma-Chl...	5.071	5.942	1504685	1605131	1.515	1.151
11)	B alpha-Chl...	5.127	6.014	1419419	1533506	1.435	1.105
12)	B 4,4'-DDE	5.297	6.171	1189939	1465165	1.278	1.147m
13)	MA Dieldrin	5.416	6.316	1054220	1328729	1.074	0.998
14)	MA Endrin	5.666	6.532	1003048	1915668	1.254	1.814 #
15)	B Endosulfa...	5.939	6.739	819258	1221485	0.944m	1.016m
16)	A 4,4'-DDD	5.805	6.659	764447	1482883	0.949	1.339 #
17)	MA 4,4'-DDT	6.037	6.957	781050	1023777	1.132	1.028
18)	B Endrin al...	6.108	6.865	454607	1299990	0.622	1.256 #
19)	B Endosulfa...	6.319	7.087	766310	1306267	0.939	1.164
20)	A Methoxychlor	6.587	7.415	395114	637009	1.001	1.104m
21)	B Endrin ke...	6.800	7.553	1655248	1386800	1.528	1.053 #
22)	Mirex	6.969	8.001	549973	1045832	0.781m	1.100m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052920\
Data File : PD058216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 May 2020 12:37
Operator : AJ\MA
Sample : L2182-03
Misc : 1 PPB MDL
ALS Vial : 11 Sample Multiplier: 1

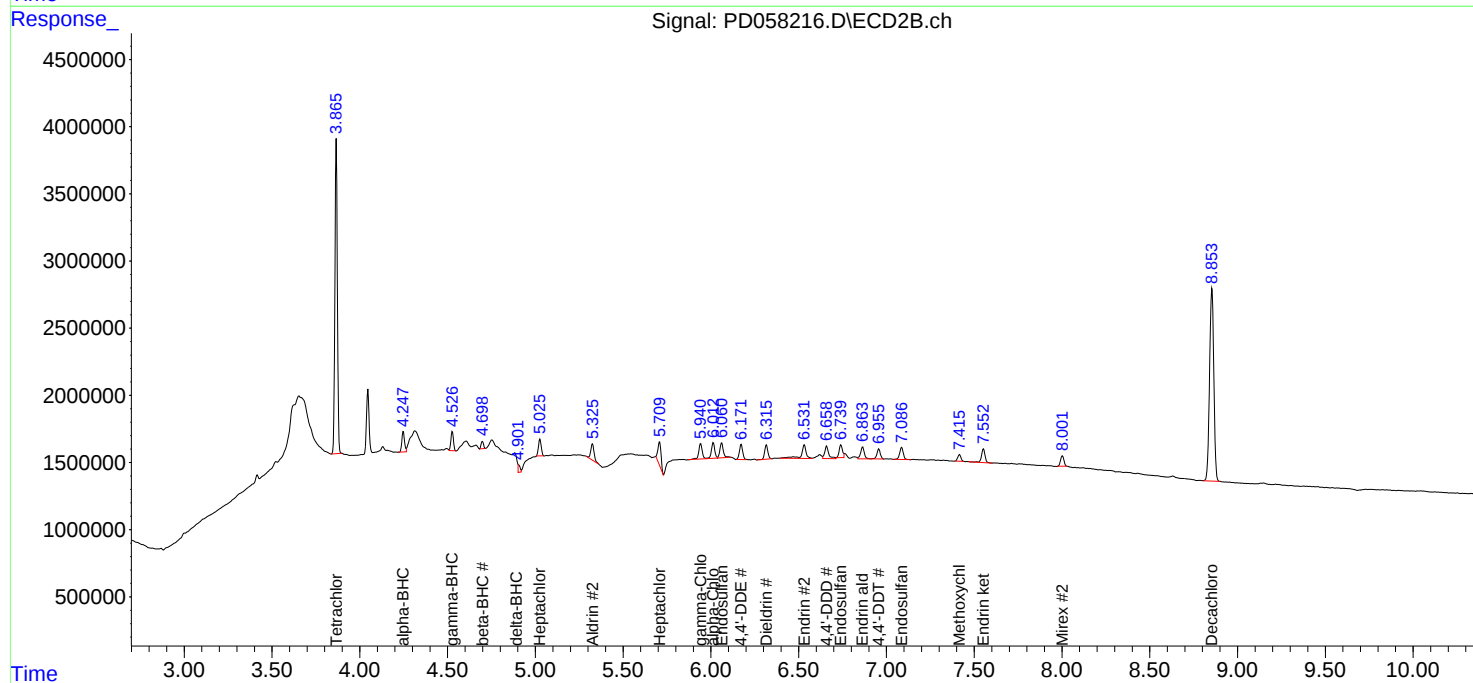
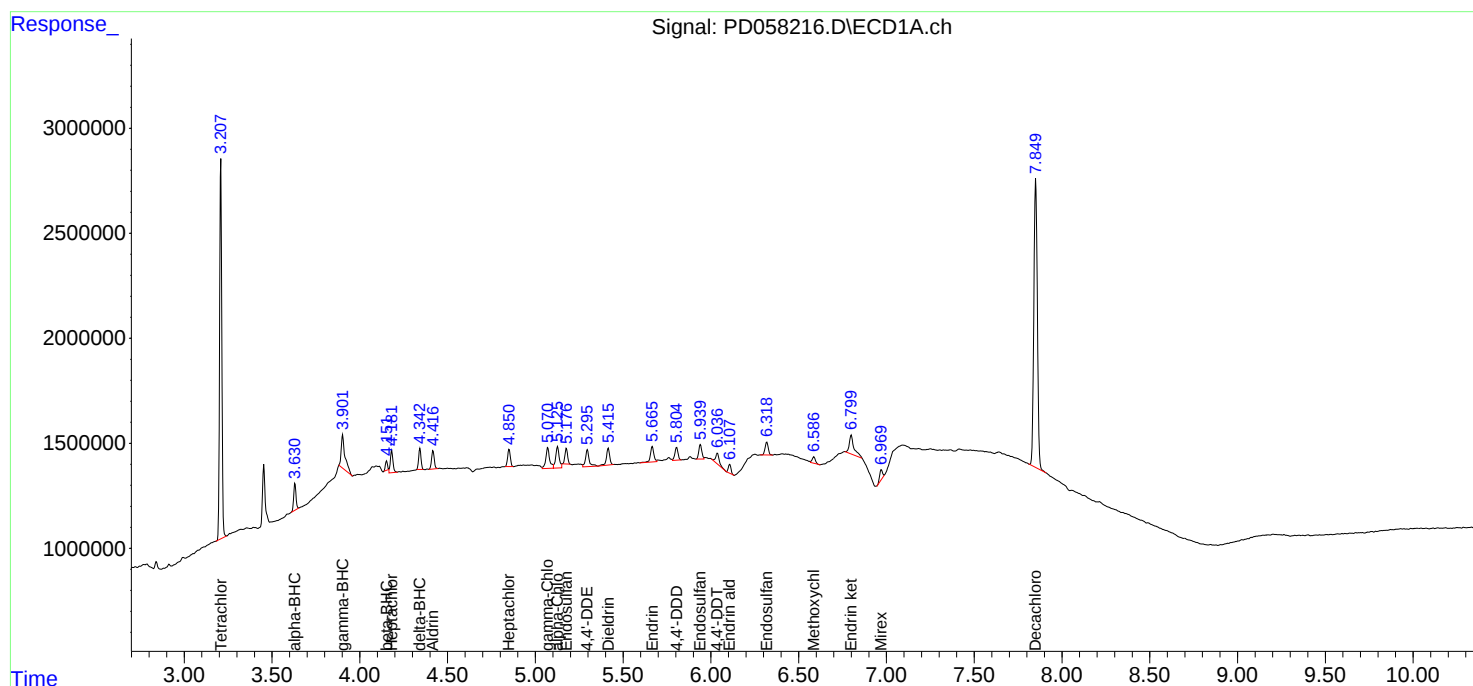
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

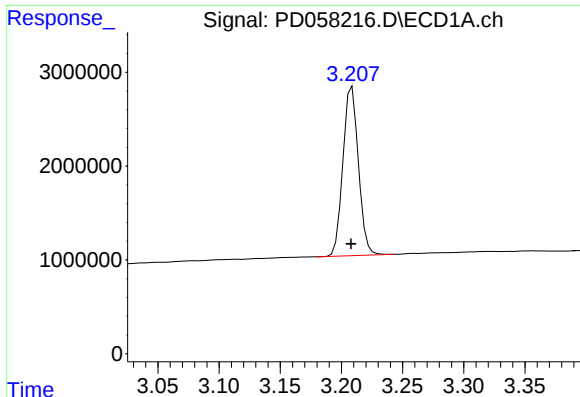
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 29 14:07:55 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052120.M
Quant Title : GC Extractables
QLast Update : Thu May 21 13:46:14 2020
Response 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





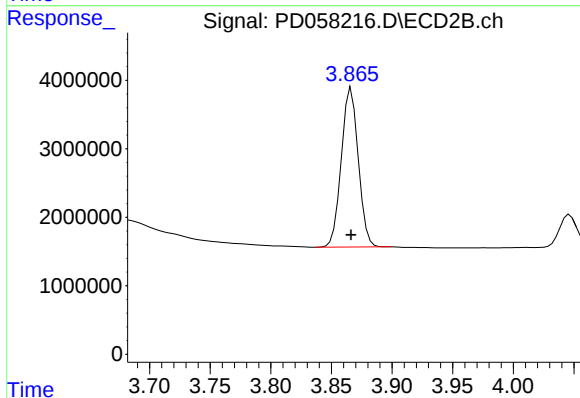
#1 Tetrachloro-m-xylene

R.T.: 3.209 min
Delta R.T.: 0.000 min
Response: 15855194
Conc: 20.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

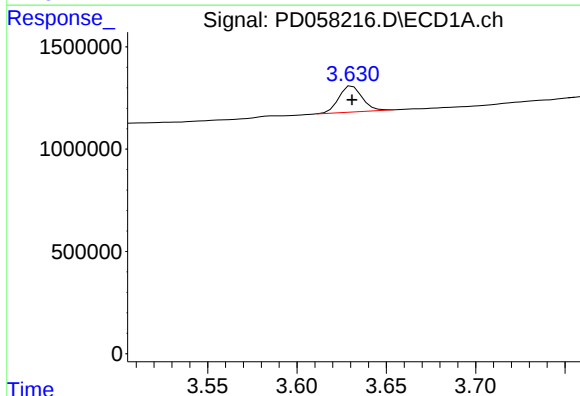
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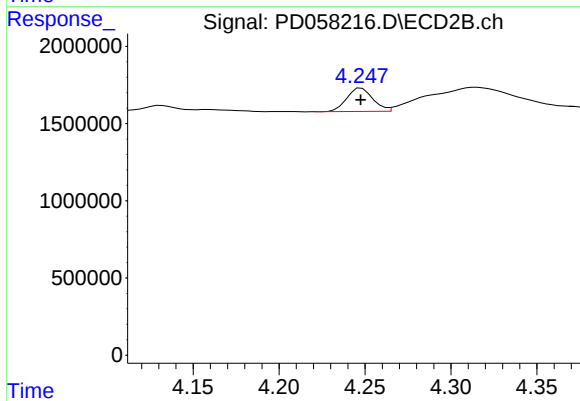
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 22597426
Conc: 19.84 ng/ml



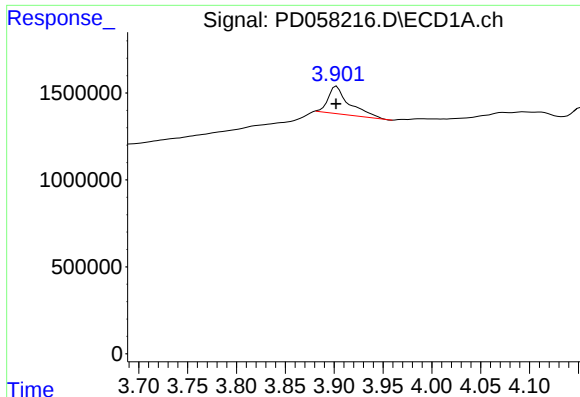
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 1153265
Conc: 0.95 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 1589159
Conc: 0.93 ng/ml



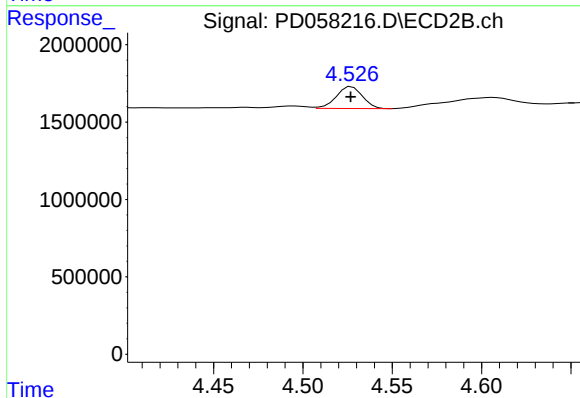
#3 gamma-BHC (Lindane)

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 2397946
Conc: 2.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

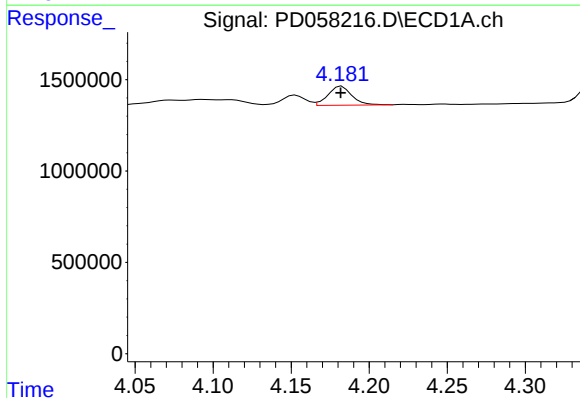
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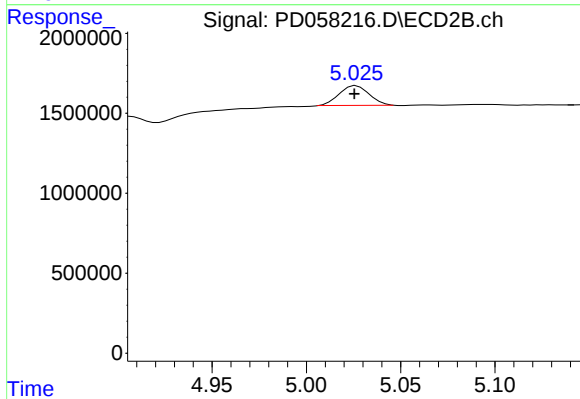
#3 gamma-BHC (Lindane)

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 1434171
Conc: 0.87 ng/ml



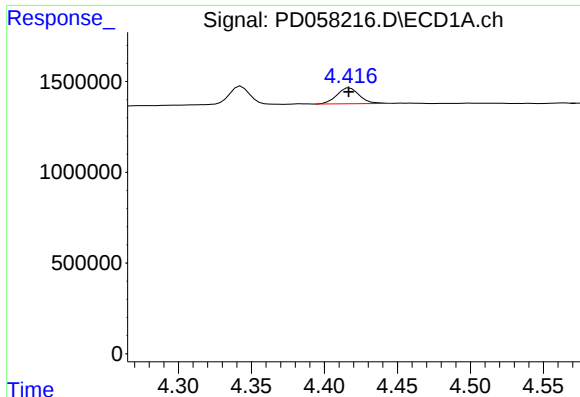
#4 Heptachlor

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 1100153
Conc: 1.03 ng/ml



#4 Heptachlor

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 1369091
Conc: 0.88 ng/ml m



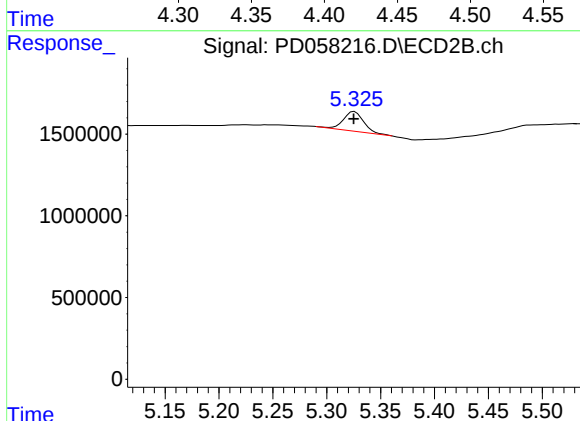
#5 Aldrin

R.T.: 4.418 min
Delta R.T.: 0.001 min
Response: 931878
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

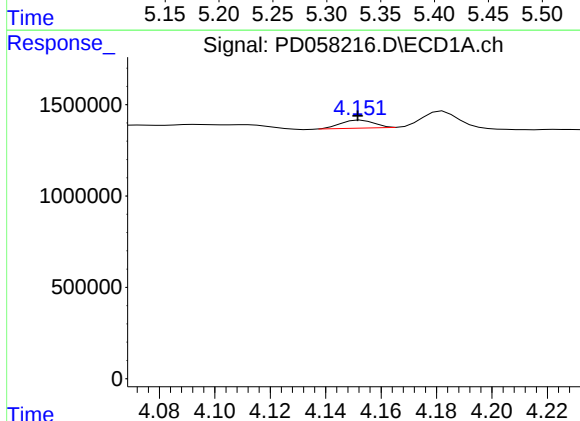
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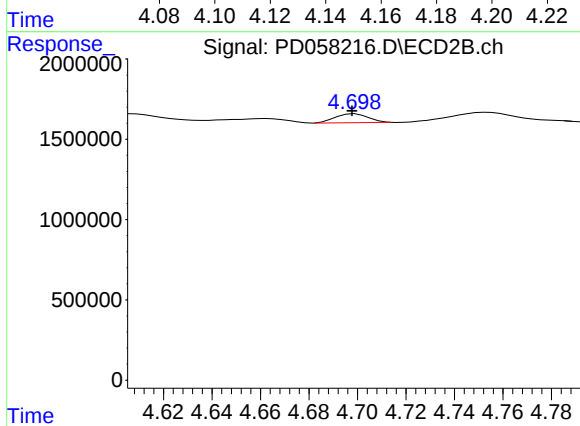
#5 Aldrin

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 1551796
Conc: 1.06 ng/ml



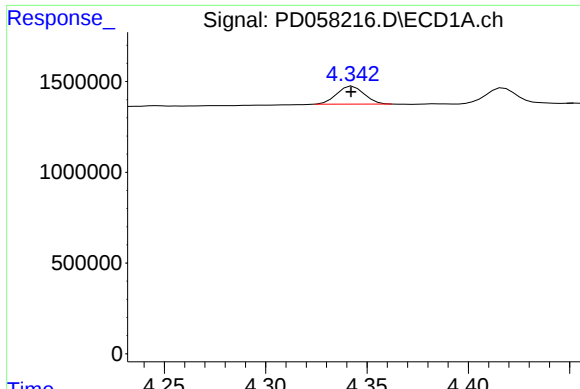
#6 beta-BHC

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 381768
Conc: 0.79 ng/ml m



#6 beta-BHC

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 527164
Conc: 0.79 ng/ml m



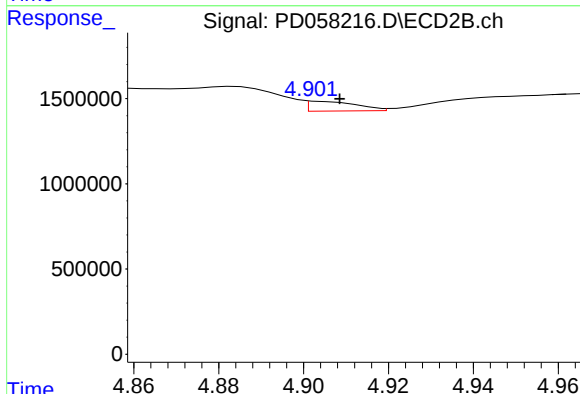
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 931226
Conc: 0.82 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

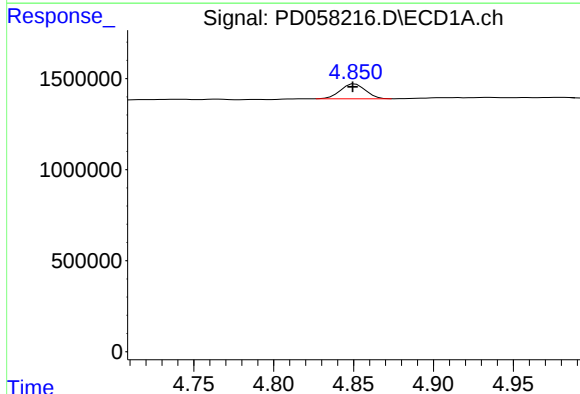
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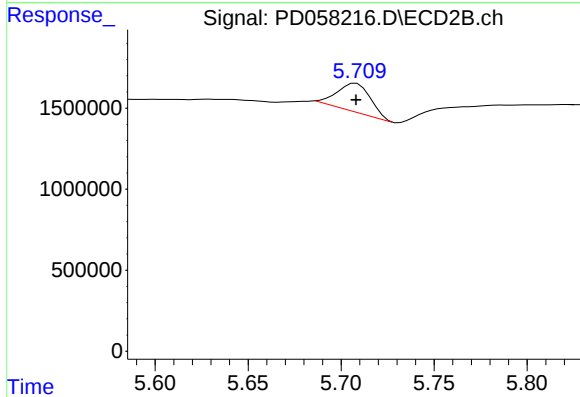
#7 delta-BHC

R.T.: 4.901 min
Delta R.T.: -0.007 min
Response: 446854
Conc: 0.30 ng/ml m



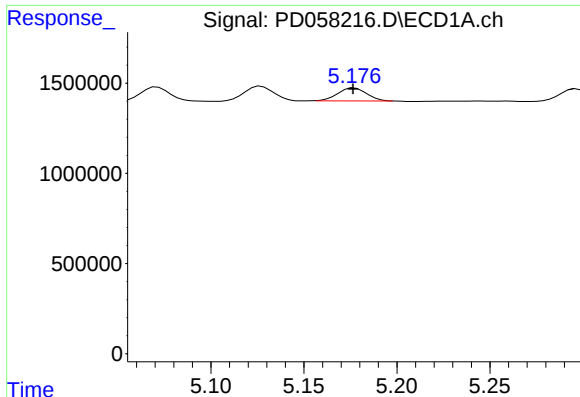
#8 Heptachlor epoxide

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 896544
Conc: 0.92 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 2163399
Conc: 1.56 ng/ml m



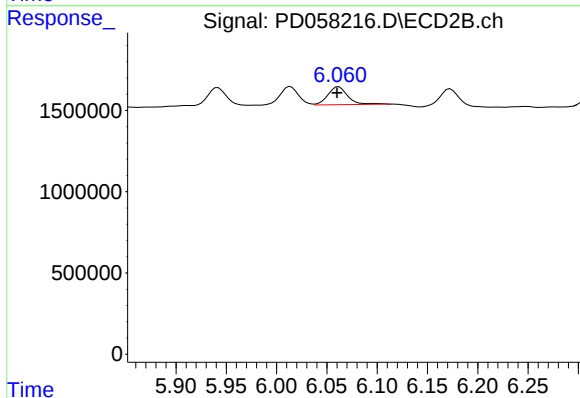
#9 Endosulfan I

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 781447
Conc: 0.86 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

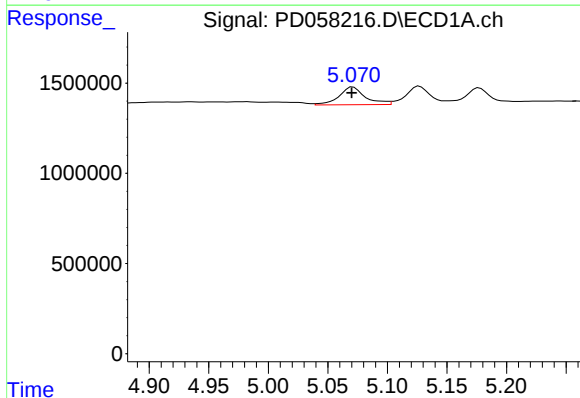
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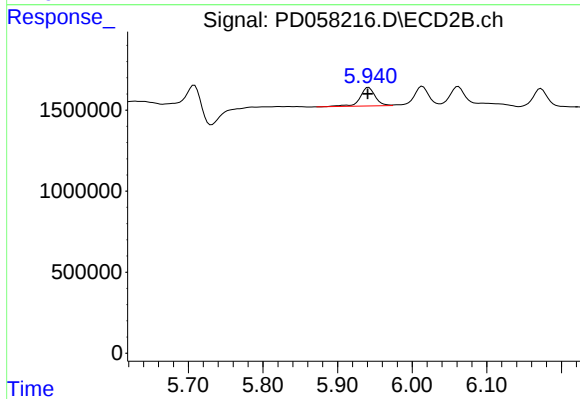
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: 0.002 min
Response: 1523404
Conc: 1.21 ng/ml



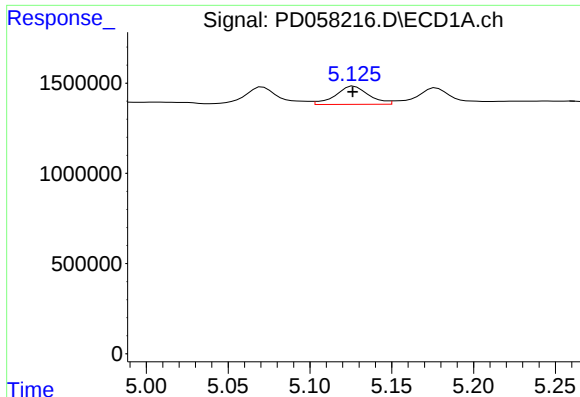
#10 gamma-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1504685
Conc: 1.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 1605131
Conc: 1.15 ng/ml



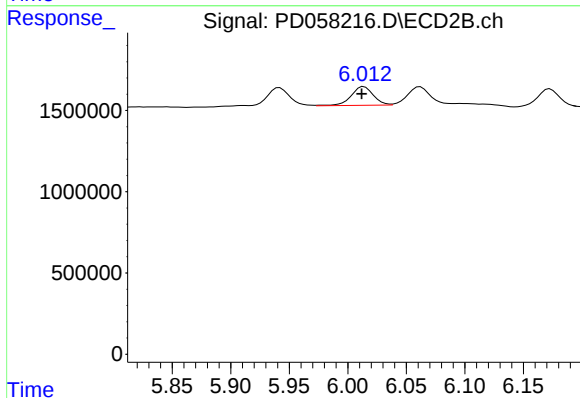
#11 alpha-Chlordane

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 1419419
Conc: 1.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

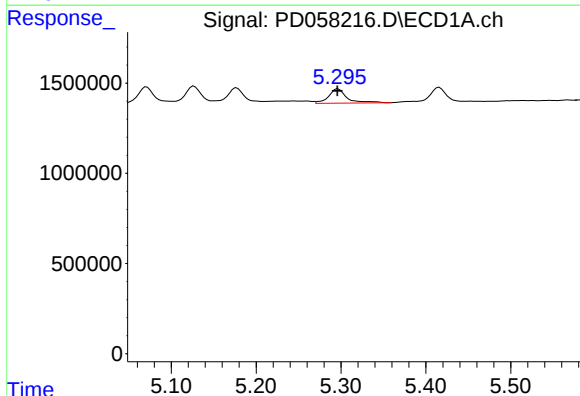
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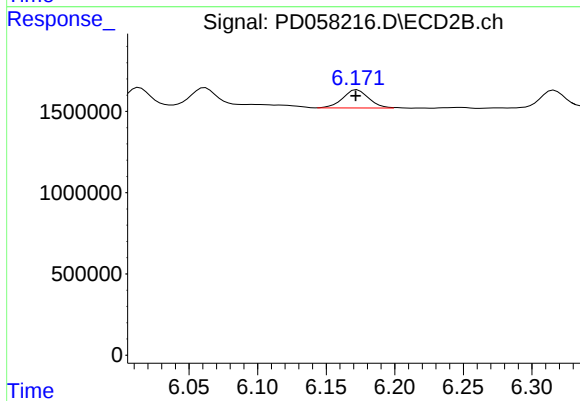
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.002 min
Response: 1533506
Conc: 1.10 ng/ml



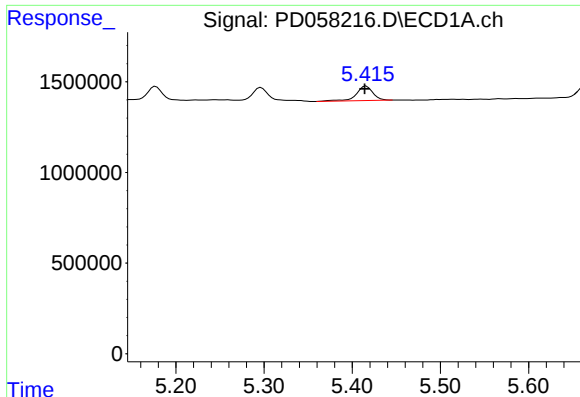
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 1189939
Conc: 1.28 ng/ml



#12 4,4'-DDE

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 1465165
Conc: 1.15 ng/ml m



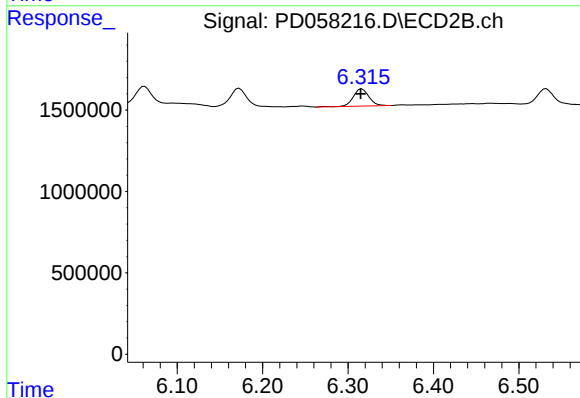
#13 Dieldrin

R.T.: 5.416 min
Delta R.T.: 0.002 min
Response: 1054220
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

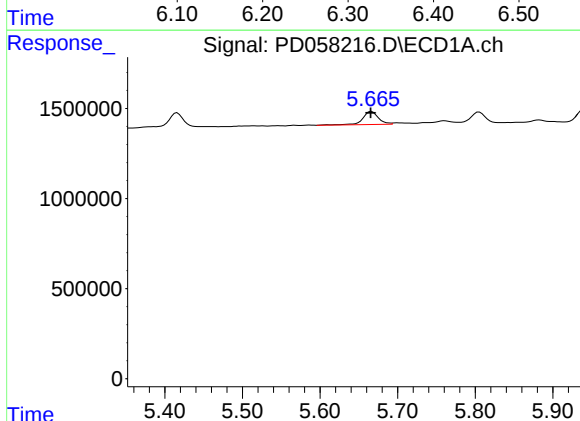
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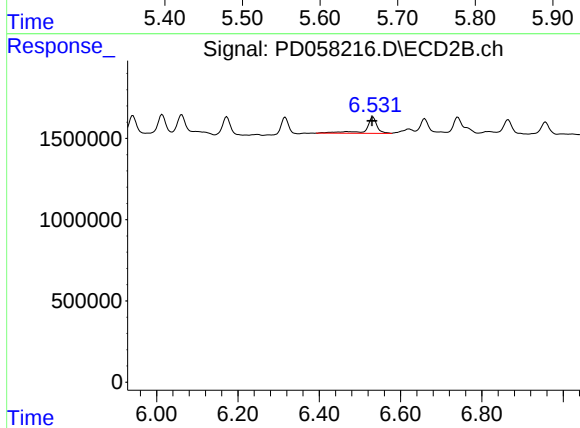
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 1328729
Conc: 1.00 ng/ml



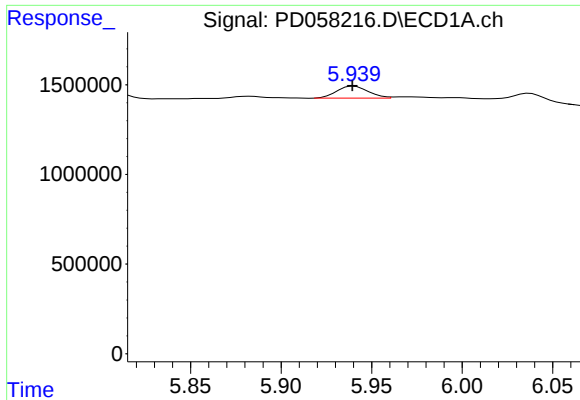
#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.001 min
Response: 1003048
Conc: 1.25 ng/ml



#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.002 min
Response: 1915668
Conc: 1.81 ng/ml



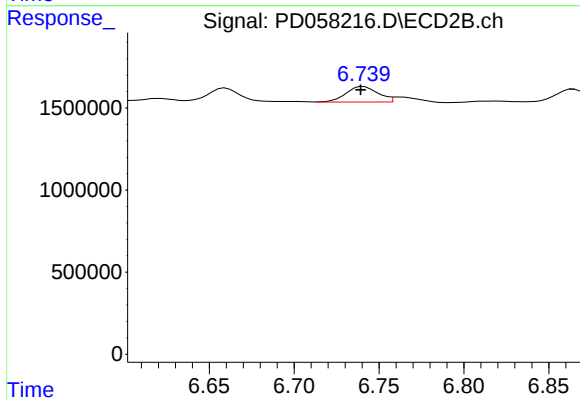
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 819258
Conc: 0.94 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

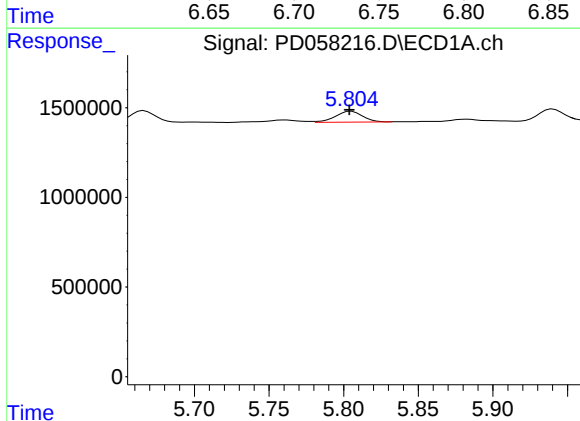
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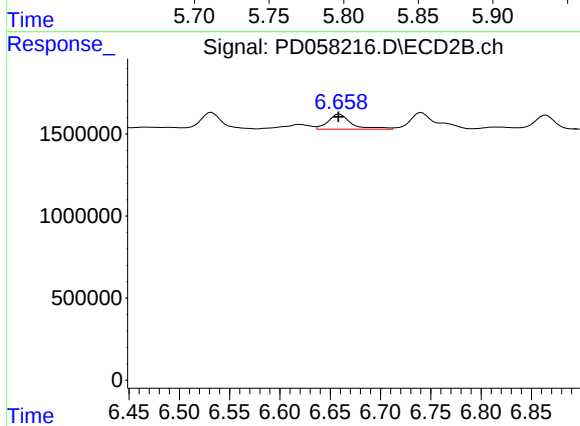
#15 Endosulfan II

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 1221485
Conc: 1.02 ng/ml m



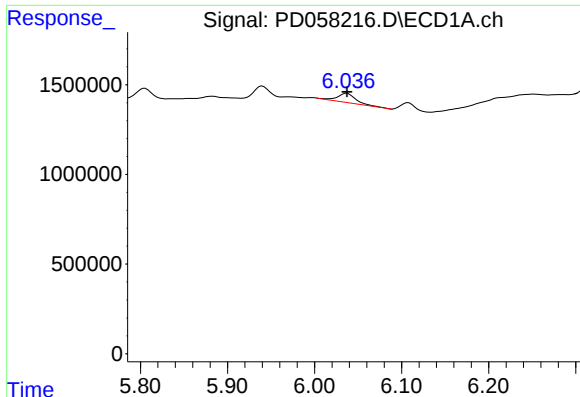
#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.001 min
Response: 764447
Conc: 0.95 ng/ml



#16 4,4'-DDD

R.T.: 6.659 min
Delta R.T.: 0.001 min
Response: 1482883
Conc: 1.34 ng/ml



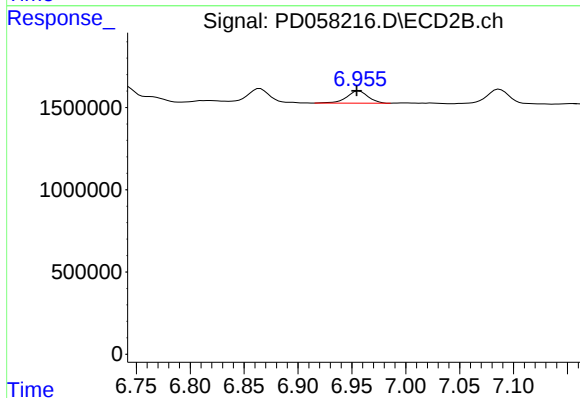
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 781050
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

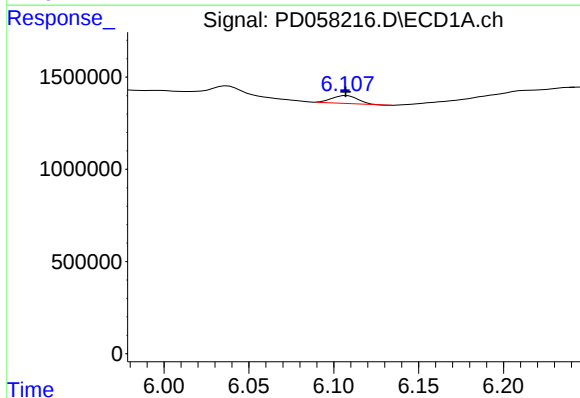
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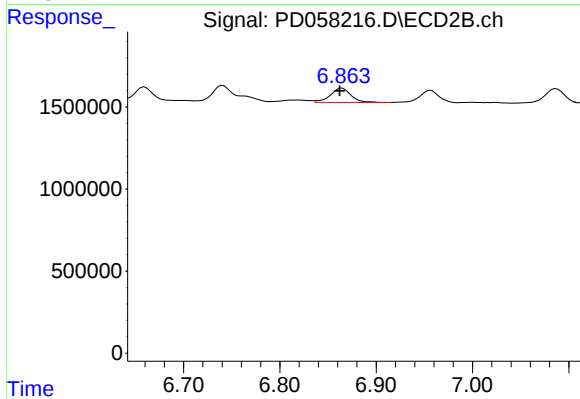
#17 4,4'-DDT

R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 1023777
Conc: 1.03 ng/ml



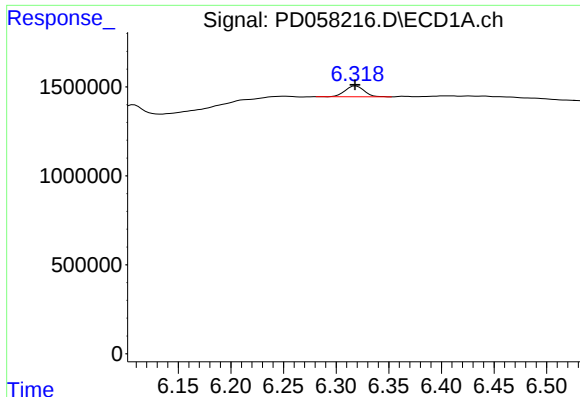
#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 454607
Conc: 0.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.865 min
Delta R.T.: 0.002 min
Response: 1299990
Conc: 1.26 ng/ml



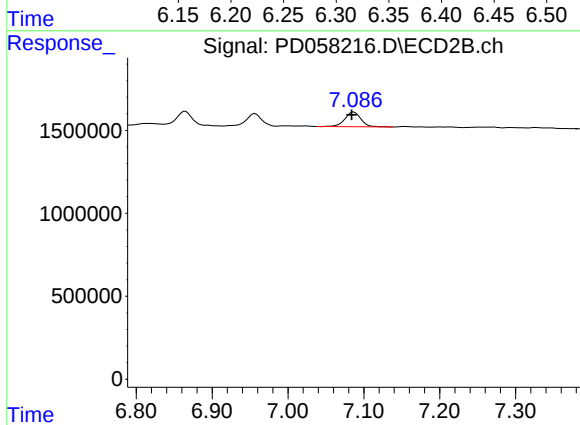
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 766310
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

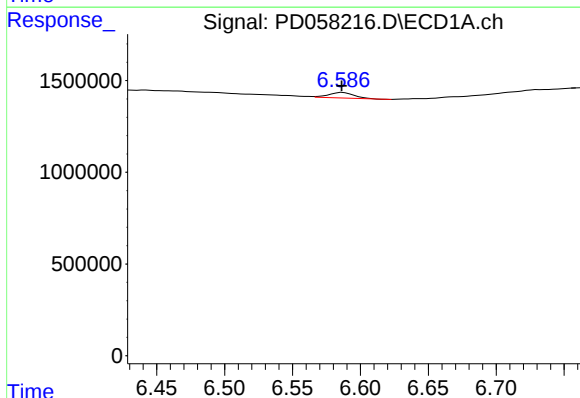
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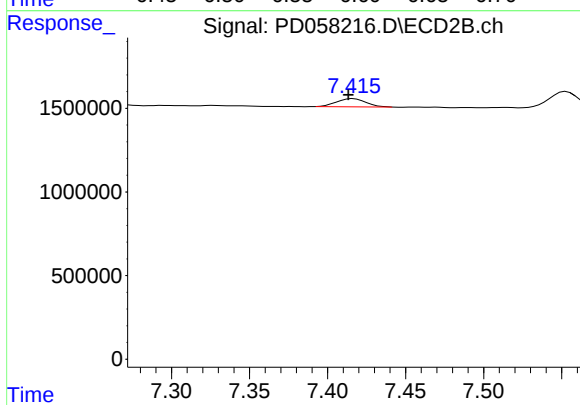
#19 Endosulfan Sulfate

R.T.: 7.087 min
Delta R.T.: 0.003 min
Response: 1306267
Conc: 1.16 ng/ml



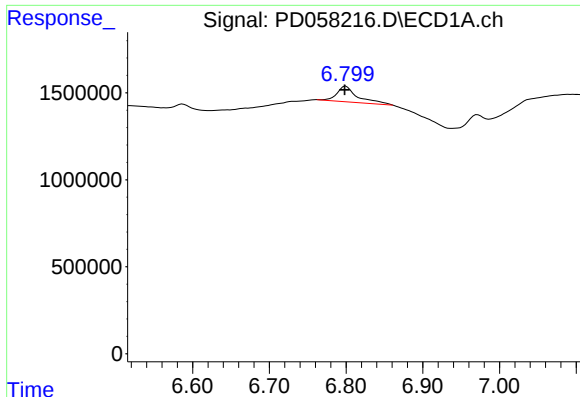
#20 Methoxychlor

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 395114
Conc: 1.00 ng/ml



#20 Methoxychlor

R.T.: 7.415 min
Delta R.T.: 0.002 min
Response: 637009
Conc: 1.10 ng/ml m



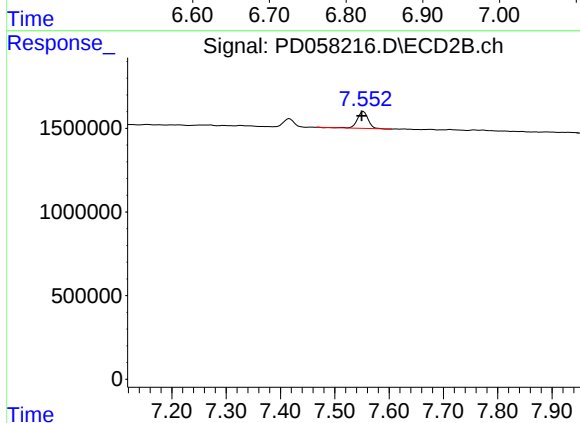
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 1655248
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

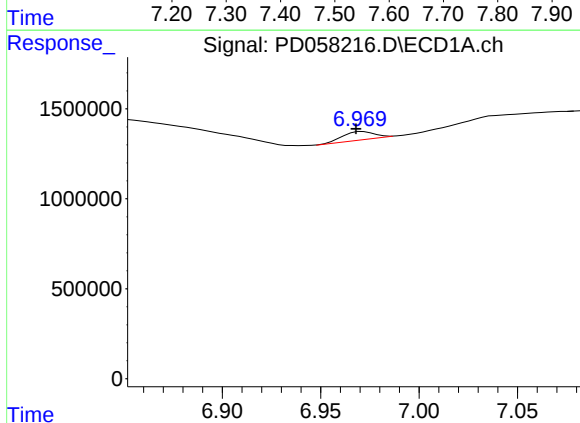
Manual Integrations
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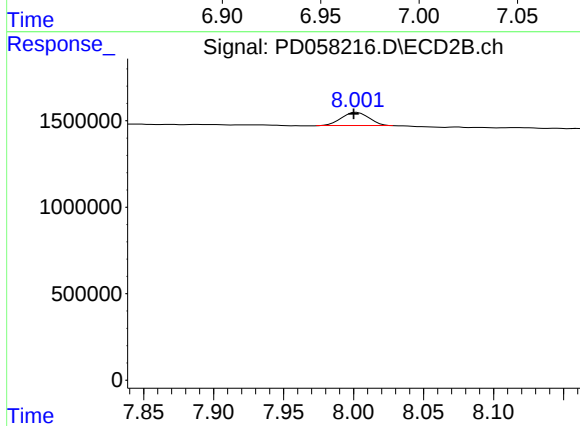
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: 0.003 min
Response: 1386800
Conc: 1.05 ng/ml



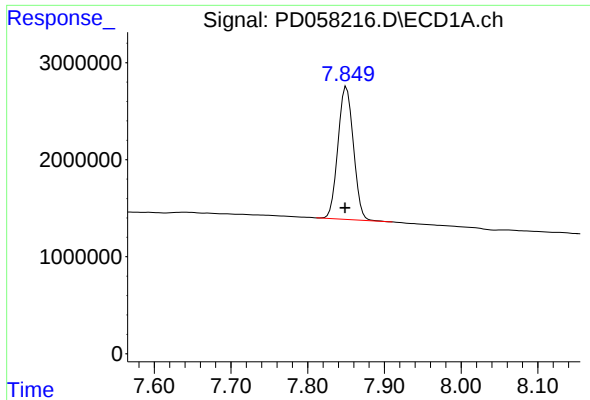
#22 Mirex

R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 549973
Conc: 0.78 ng/ml m



#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 1045832
Conc: 1.10 ng/ml m



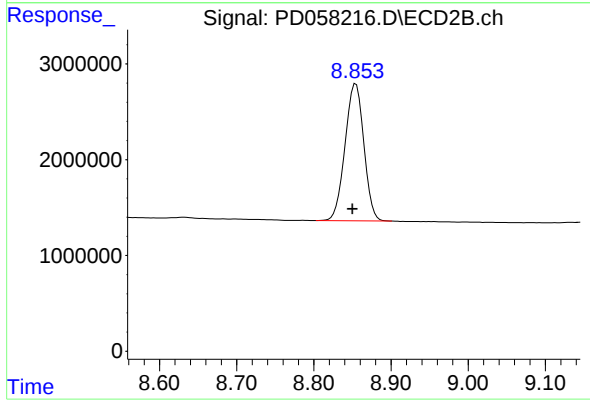
#28 Decachlorobiphenyl

R.T.: 7.851 min
Delta R.T.: 0.002 min
Response: 19138708
Conc: 23.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT2-2020

Manual Integrations
APPROVED

mohammad
6/1/2020 1:27:22 PM



#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: 0.005 min
Response: 24198817
Conc: 23.34 ng/ml