

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110219\
 Data File : PD055788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2019 10:44
 Operator : SG\AJ
 Sample : K5111-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-SOIL-03-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 11:55:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 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...	3.289	3.962	18742025	27300146	21.985	22.668
28)	SA Decachlor...	7.964	8.999	21141176	31381251	22.347	22.551
Target Compounds							
2)	A alpha-BHC	3.717	4.348	1080834	1834316	0.851	1.041
3)	MA gamma-BHC...	3.990	4.631	1252788	1674354	1.046m	0.975
4)	MA Heptachlor	4.278	5.137	941656	1831624	0.884	1.057
5)	MB Aldrin	4.516	5.441	1001577	1858423	0.915	1.110
6)	B beta-BHC	4.240	4.800	533835	797090	1.059m	1.003
7)	B delta-BHC	4.437	5.014	1018371	905281	0.884	0.565m#
8)	B Heptachlor...	4.953	5.823	1034862	1730266	1.006	1.071
9)	A Endosulfan I	5.284	6.180	932167	2096320	0.956	1.335 #
10)	B gamma-Chl...	5.175	6.057	1169273	1840014	1.096	1.067m
11)	B alpha-Chl...	5.233	6.129	1097656	1868661	1.040	1.088m
12)	B 4,4'-DDE	5.401	6.287	878281	1525289	0.892	0.954
13)	MA Dieldrin	5.524	6.434	1013380	1836463	0.955	1.087m
14)	MA Endrin	5.776	6.653	886172	1423722	0.924m	0.987
15)	B Endosulfa...	6.051	6.860	966446	1804453	0.997	1.162m
16)	A 4,4'-DDD	5.912	6.775	727420	1557961	0.905	1.140 #
17)	MA 4,4'-DDT	6.148	7.074	338752	1276339	0.473m	0.956 #
18)	B Endrin al...	6.220	6.983	1113896	1543251	1.333	1.151m
19)	B Endosulfa...	6.428	7.207	1033620	1697894	1.154m	1.167
20)	A Methoxychlor	6.695	7.529	327292	923453	0.835m	1.154 #
21)	B Endrin ke...	6.912	7.676	901076	1880615	0.861m	1.134 #
22)	Mirex	7.089	8.129	1389283	1550552	1.685	1.281

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110219\
Data File : PD055788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2019 10:44
Operator : SG\AJ
Sample : K5111-03
Misc : PEST MDL 1 PPB
ALS Vial : 9 Sample Multiplier: 1

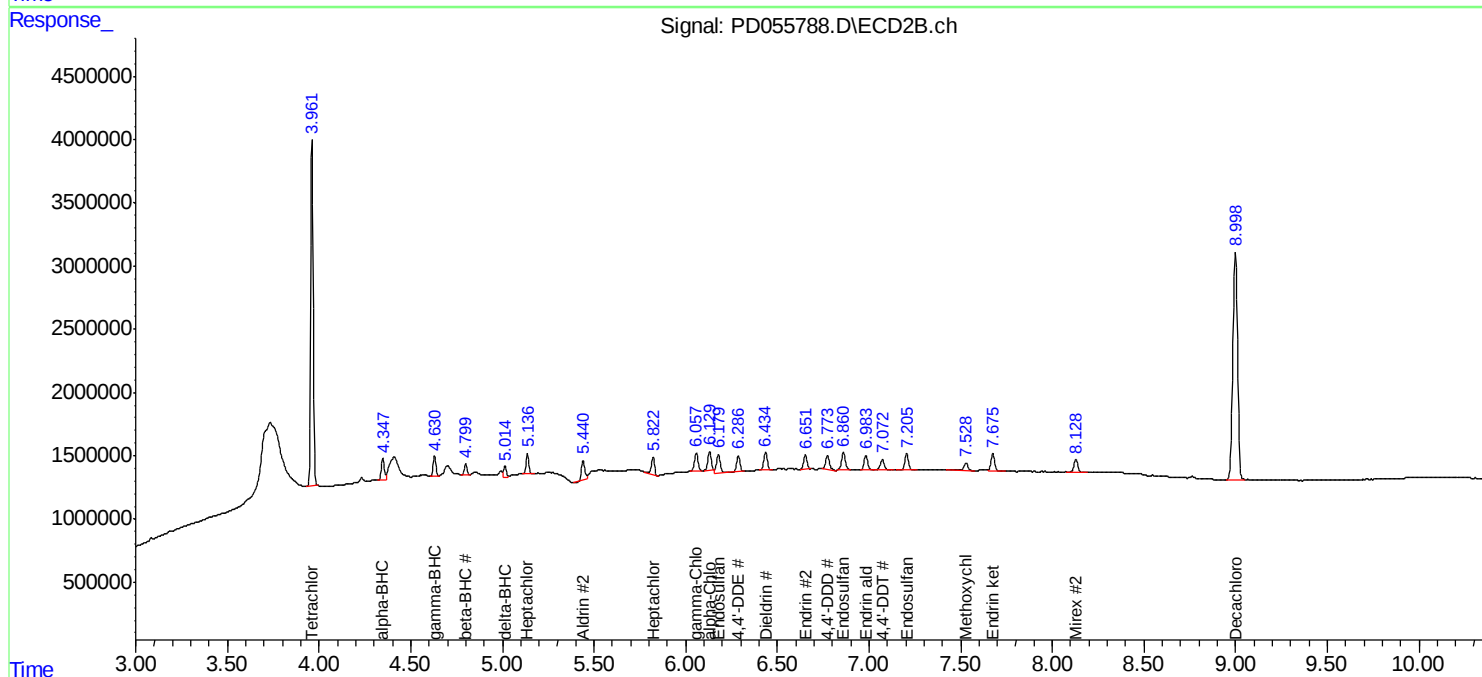
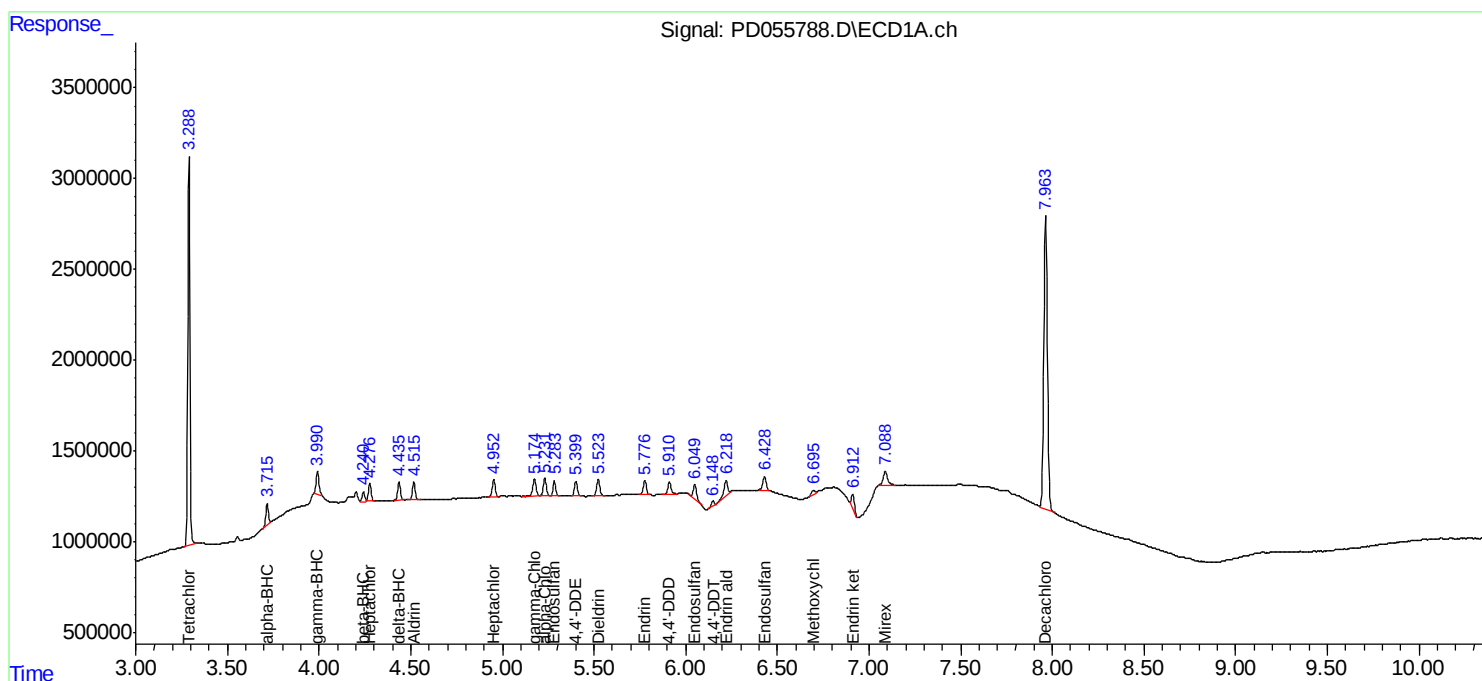
Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

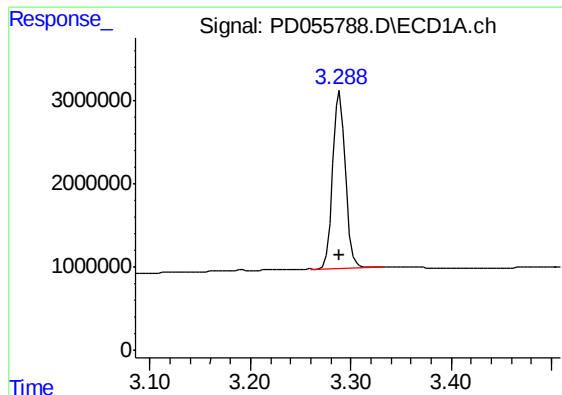
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 11:55:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
Response 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





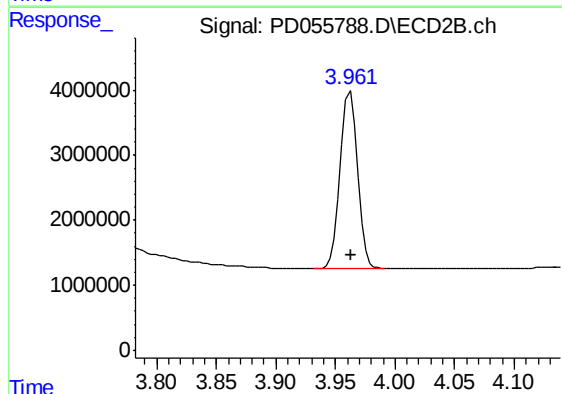
#1 Tetrachloro-m-xylene

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 18742025
Conc: 21.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

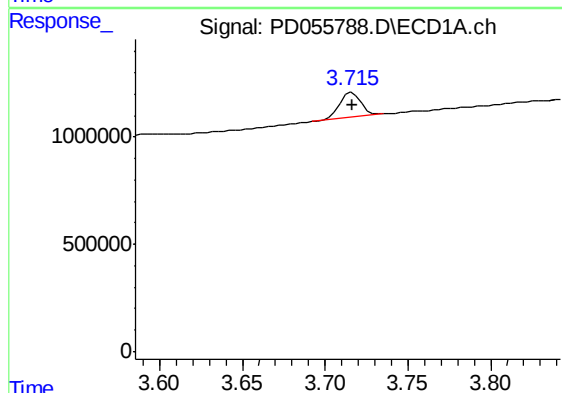
Manual Integrations
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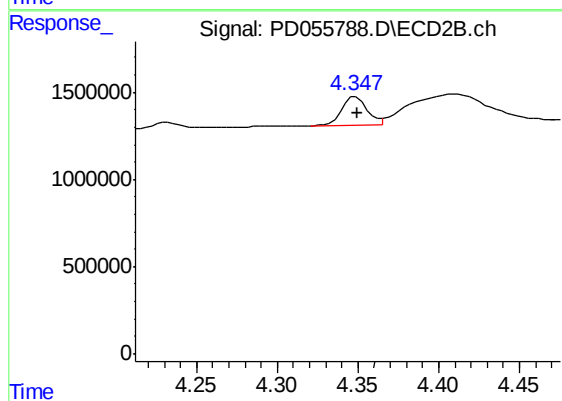
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 27300146
Conc: 22.67 ng/ml



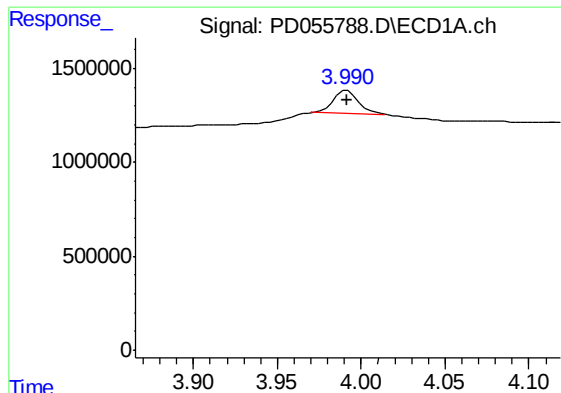
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 1080834
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 1834316
Conc: 1.04 ng/ml



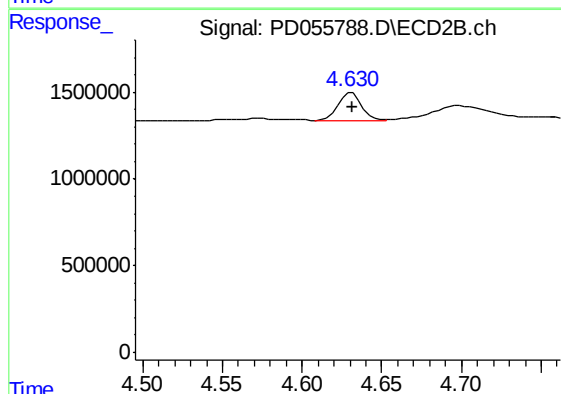
#3 gamma-BHC (Lindane)

R.T.: 3.990 min
Delta R.T.: -0.001 min
Response: 1252788
Conc: 1.05 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

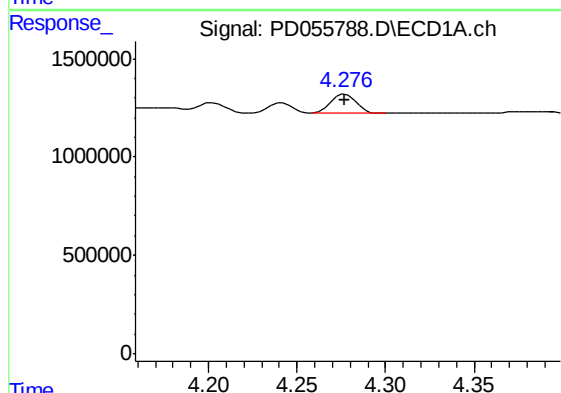
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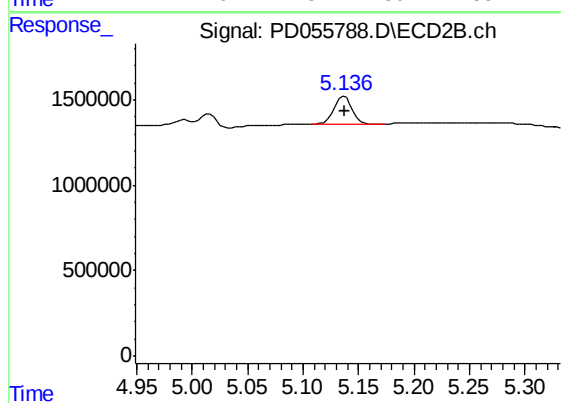
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 1674354
Conc: 0.98 ng/ml



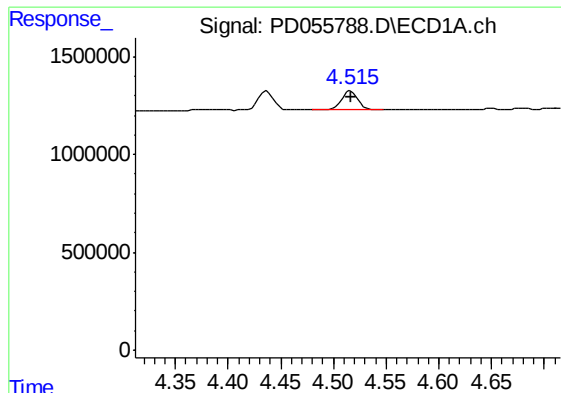
#4 Heptachlor

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 941656
Conc: 0.88 ng/ml



#4 Heptachlor

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 1831624
Conc: 1.06 ng/ml



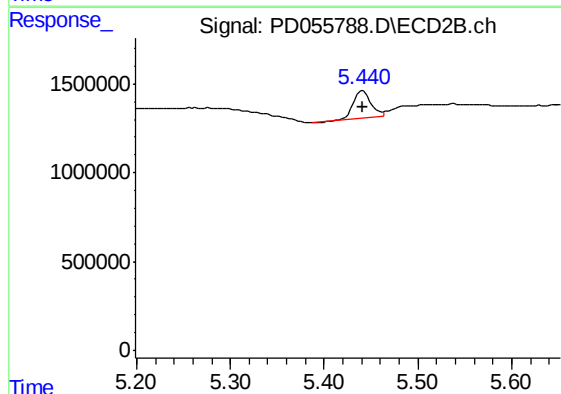
#5 Aldrin

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1001577
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

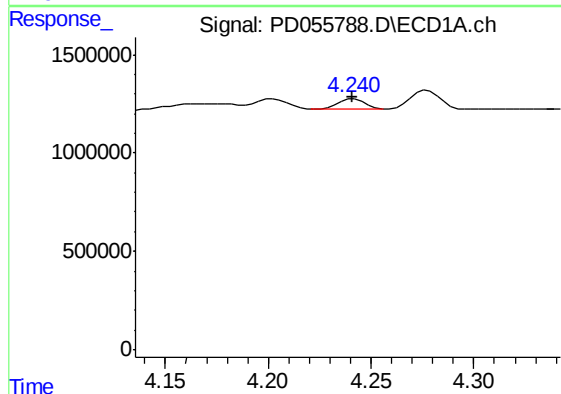
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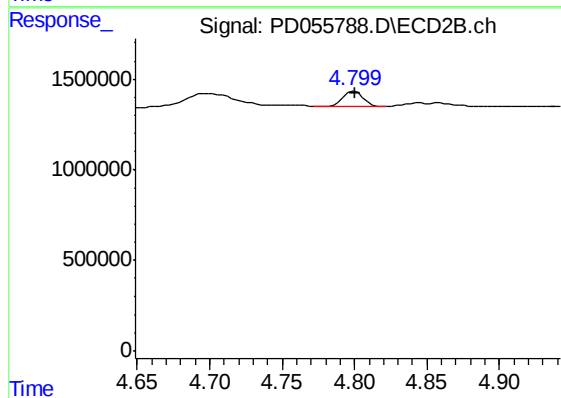
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 1858423
Conc: 1.11 ng/ml



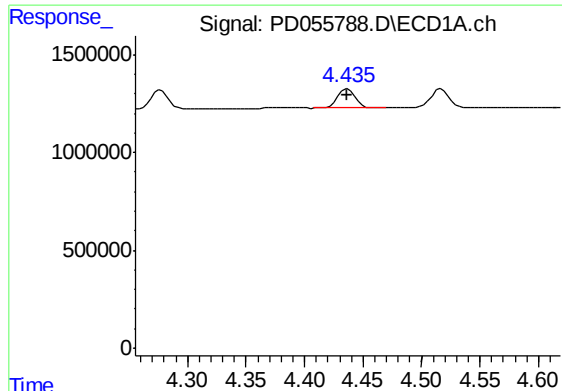
#6 beta-BHC

R.T.: 4.240 min
Delta R.T.: -0.001 min
Response: 533835
Conc: 1.06 ng/ml m



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 797090
Conc: 1.00 ng/ml



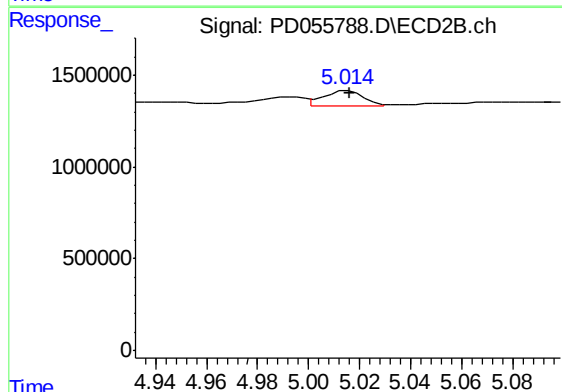
#7 delta-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1018371
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

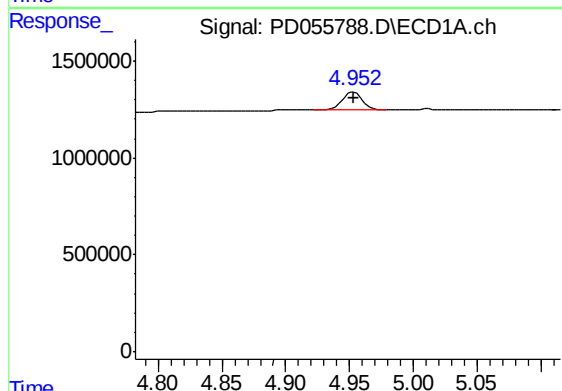
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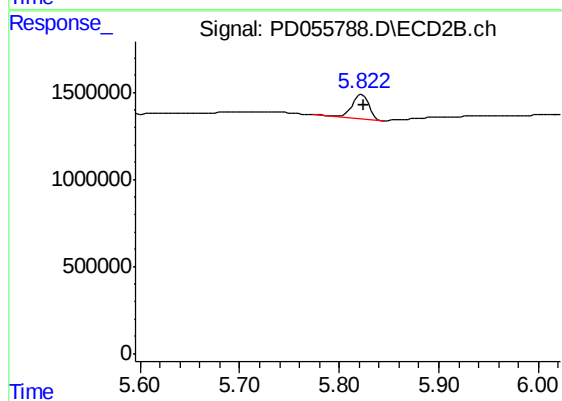
#7 delta-BHC

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 905281
Conc: 0.56 ng/ml m



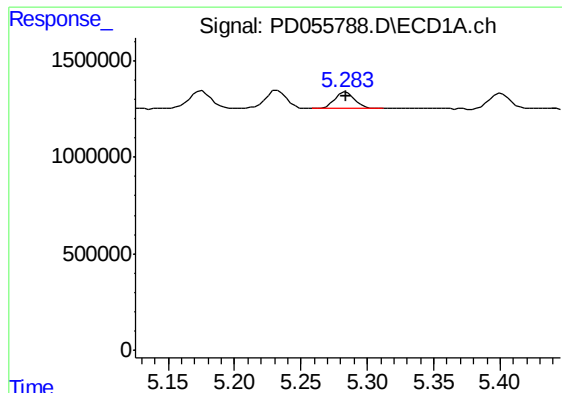
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 1034862
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 1730266
Conc: 1.07 ng/ml



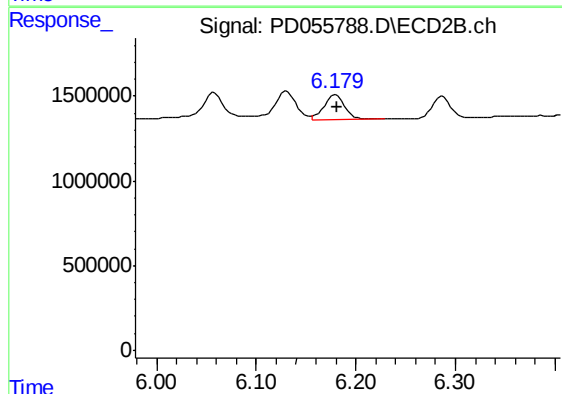
#9 Endosulfan I

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 932167
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

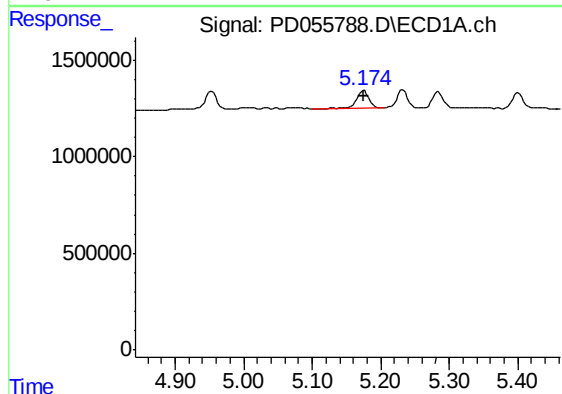
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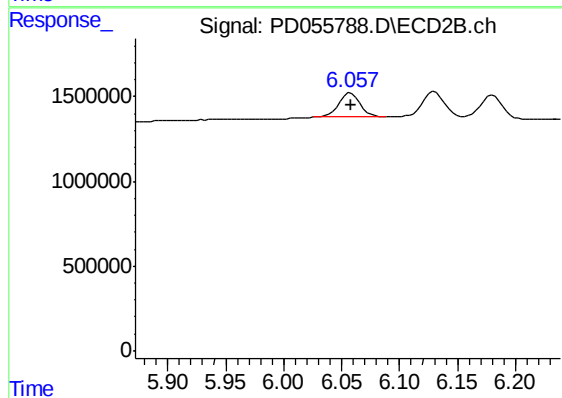
#9 Endosulfan I

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 2096320
Conc: 1.33 ng/ml



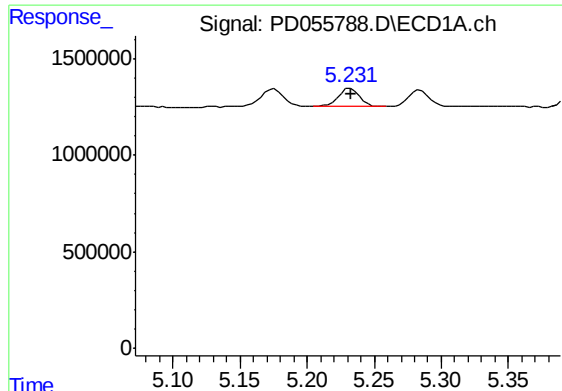
#10 gamma-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 1169273
Conc: 1.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.057 min
Delta R.T.: -0.001 min
Response: 1840014
Conc: 1.07 ng/ml m



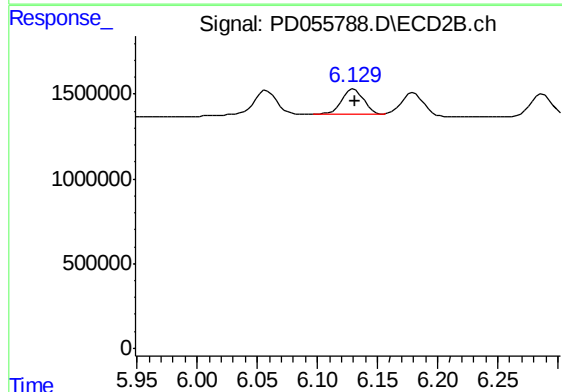
#11 alpha-Chlordane

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 1097656
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

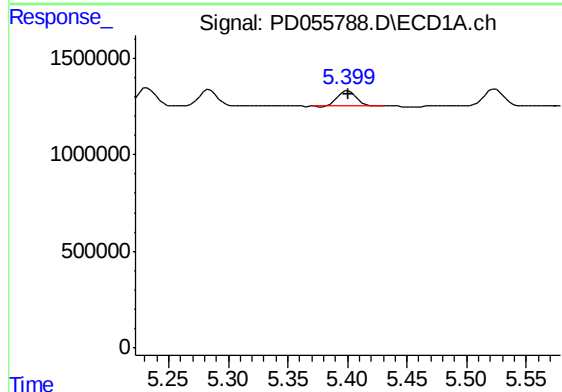
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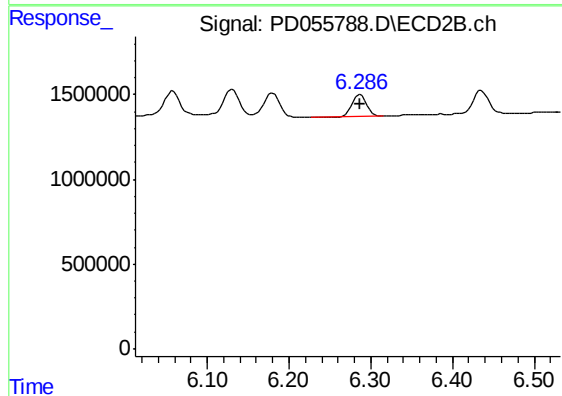
#11 alpha-Chlordane

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 1868661
Conc: 1.09 ng/ml m



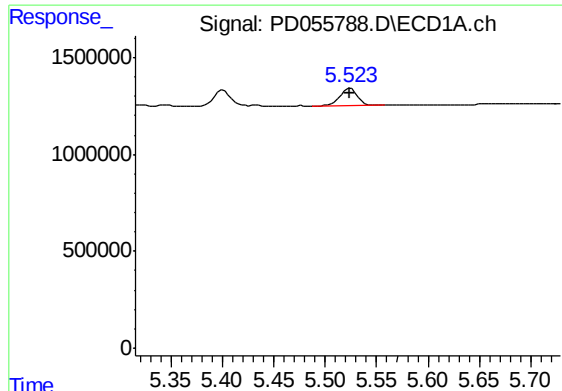
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 878281
Conc: 0.89 ng/ml



#12 4,4'-DDE

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1525289
Conc: 0.95 ng/ml



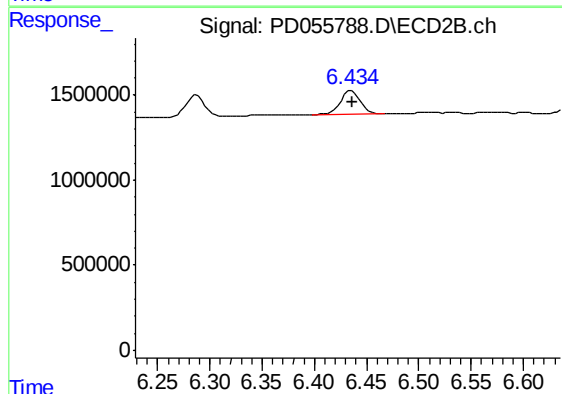
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 1013380
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

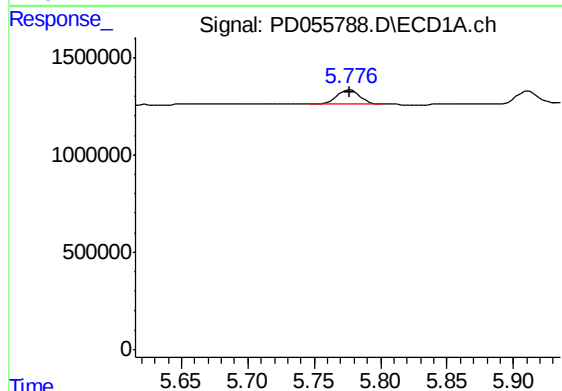
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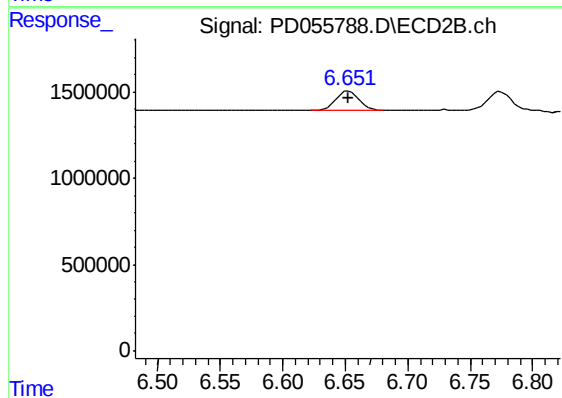
#13 Dieldrin

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 1836463
Conc: 1.09 ng/ml m



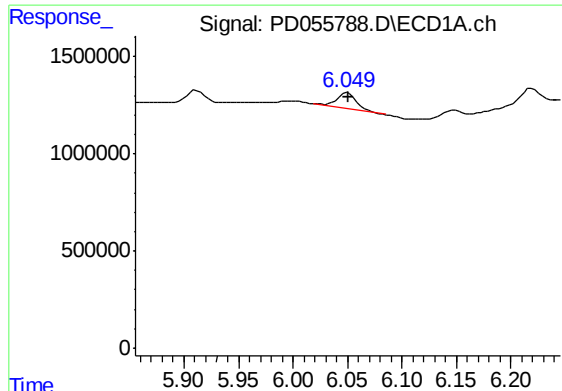
#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 886172
Conc: 0.92 ng/ml m



#14 Endrin

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 1423722
Conc: 0.99 ng/ml



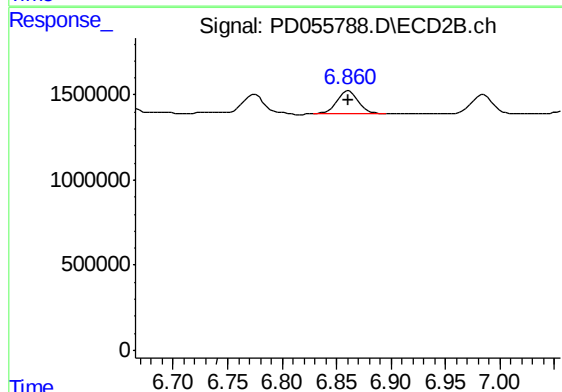
#15 Endosulfan II

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 966446
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

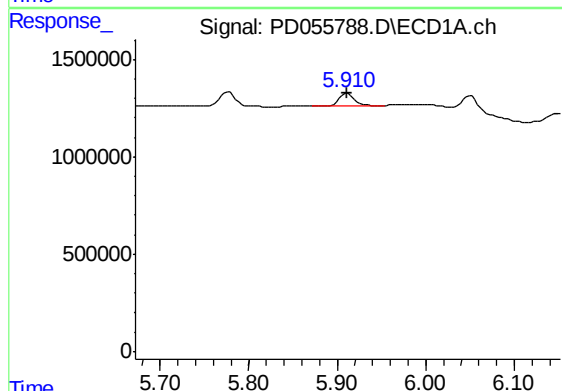
Manual Integrations
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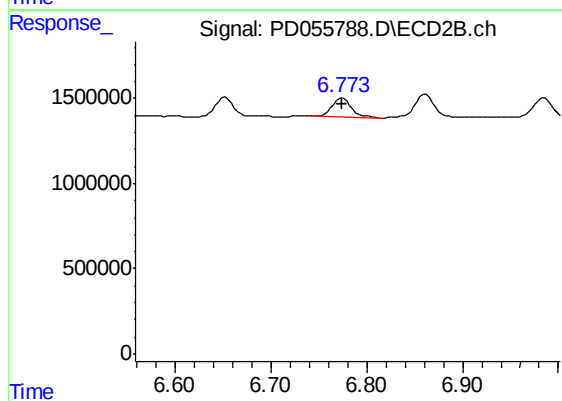
#15 Endosulfan II

R.T.: 6.860 min
Delta R.T.: -0.001 min
Response: 1804453
Conc: 1.16 ng/ml m



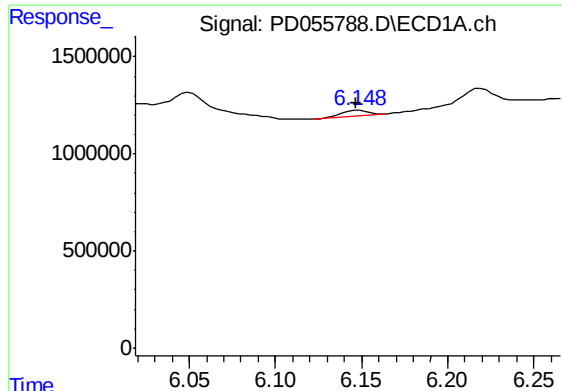
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 727420
Conc: 0.90 ng/ml



#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 1557961
Conc: 1.14 ng/ml



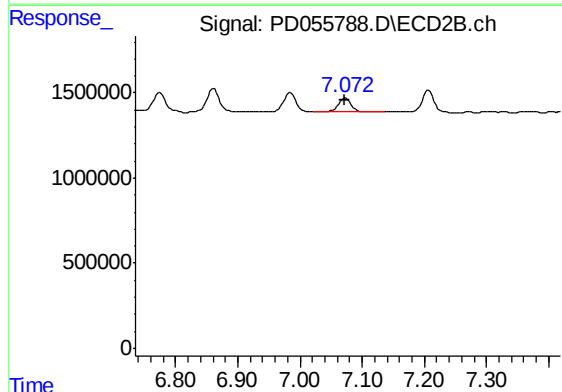
#17 4,4'-DDT

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 338752
Conc: 0.47 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

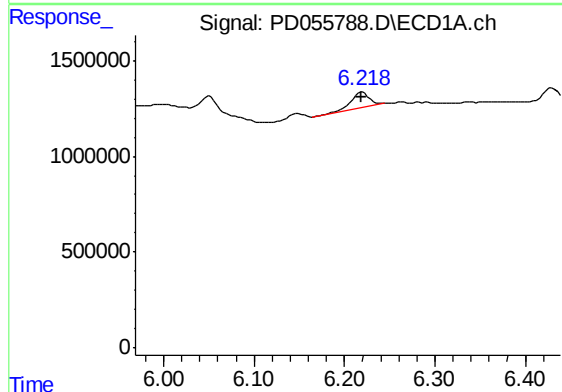
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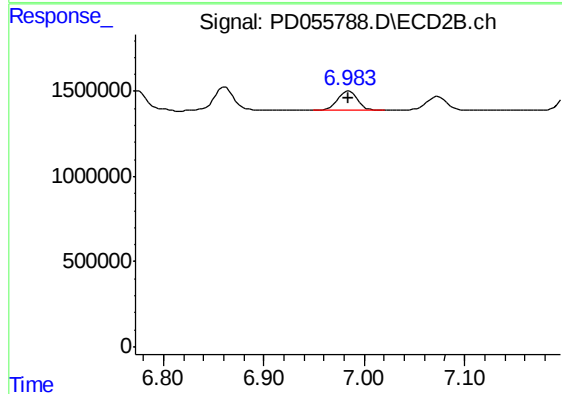
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 1276339
Conc: 0.96 ng/ml



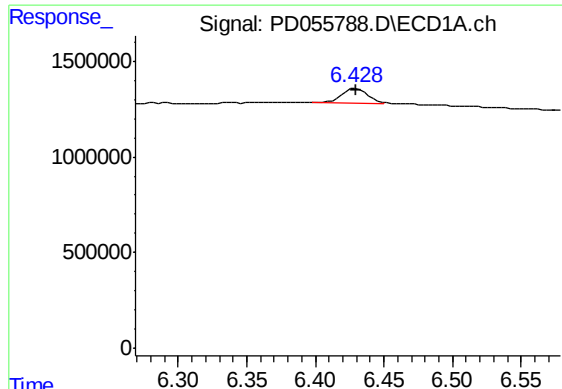
#18 Endrin aldehyde

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 1113896
Conc: 1.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1543251
Conc: 1.15 ng/ml m



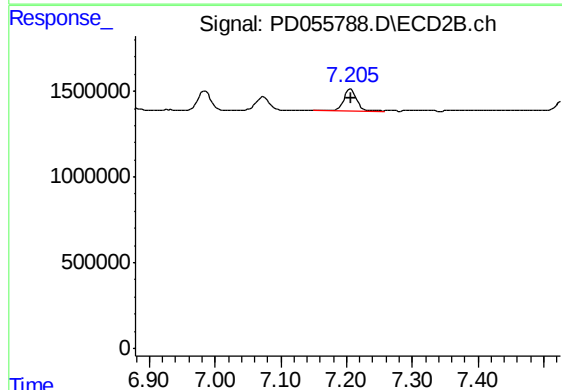
#19 Endosulfan Sulfate

R.T.: 6.428 min
Delta R.T.: -0.001 min
Response: 1033620
Conc: 1.15 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

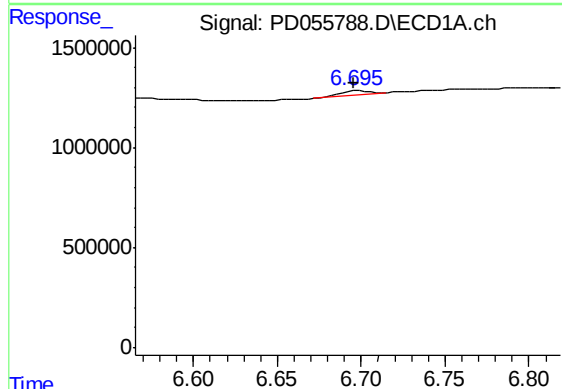
Manual Integrations
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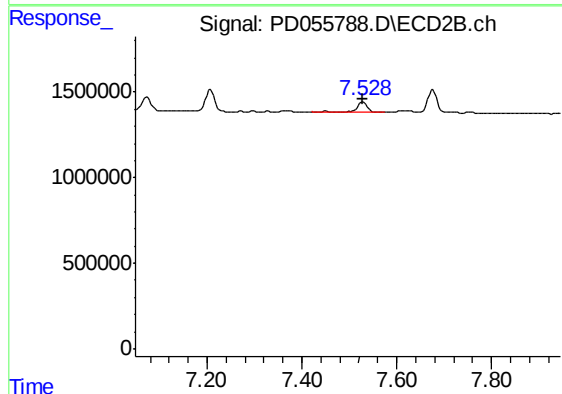
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 1697894
Conc: 1.17 ng/ml



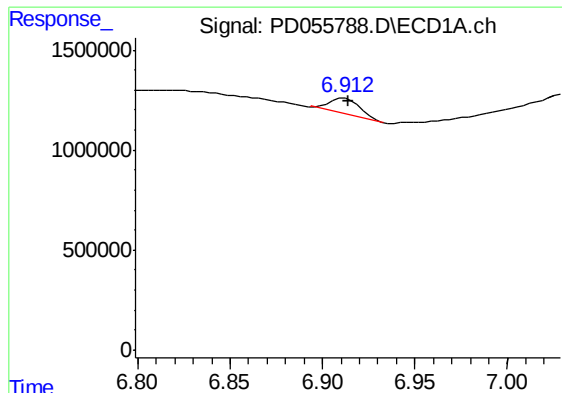
#20 Methoxychlor

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 327292
Conc: 0.84 ng/ml m



#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 923453
Conc: 1.15 ng/ml



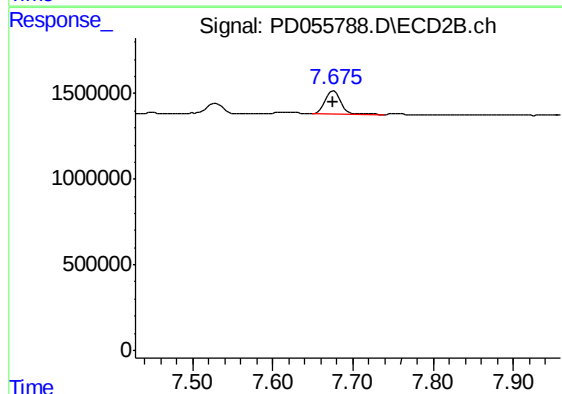
#21 Endrin ketone

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 901076
Conc: 0.86 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

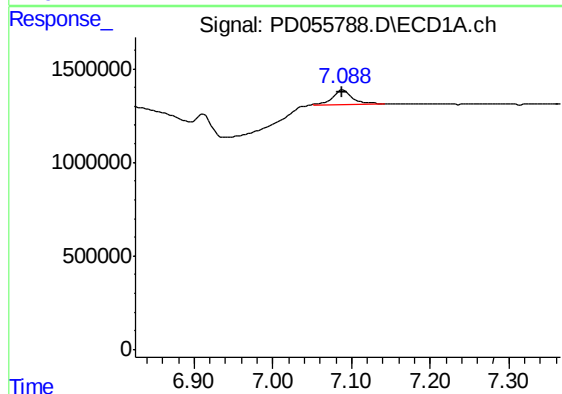
Manual Integrations
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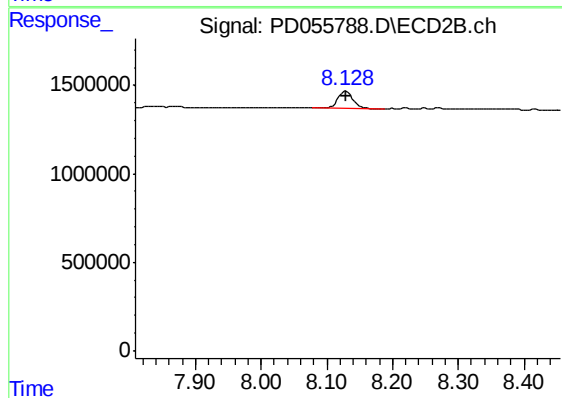
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 1880615
Conc: 1.13 ng/ml



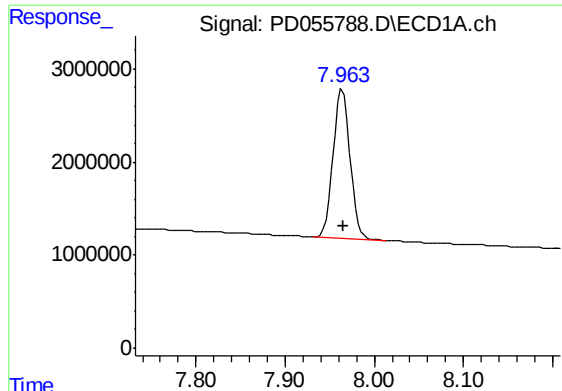
#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 1389283
Conc: 1.68 ng/ml



#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 1550552
Conc: 1.28 ng/ml



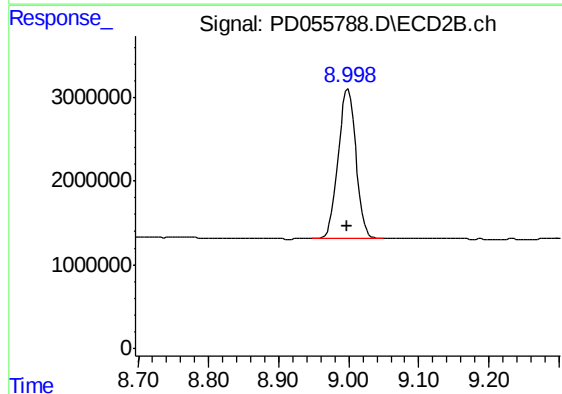
#28 Decachlorobiphenyl

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 21141176
Conc: 22.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.002 min
Response: 31381251
Conc: 22.55 ng/ml