

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052632.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Apr 2019 4:02
 Operator : AJ\SJ
 Sample : K1560-03
 Misc : PEST LOQ 10 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-SOIL-03-QT1-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 07:02:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.220	4.042	29816745	634.1E6	21.368	21.878
28)	SA Decachlor...	7.816	9.157	31019517	398.8E6	23.275	25.646
Target Compounds							
2)	A alpha-BHC	3.639	4.434	1851599	56161258	0.815	1.248 #
3)	MA gamma-BHC...	3.907	4.721	2682483	54538231	1.227m	1.356
4)	MA Heptachlor	4.184	5.232	2140838	47918550	1.008	1.208m
5)	MB Aldrin	4.416	5.541	2080808	48352473	1.033	1.306 #
6)	B beta-BHC	4.154	4.891	987141	20964696	1.118	1.159m
7)	B delta-BHC	4.342	5.111	1613473	17303572	0.791	0.526m#
8)	B Heptachlo...	4.843	5.927	1989017	40852963	1.047	1.266
9)	A Endosulfan I	5.165	6.288	1802535	40546333	1.009	1.388 #
10)	B gamma-Chl...	5.060	6.163	2059681	41077049	1.056	1.284m
11)	B alpha-Chl...	5.116	6.236	2035734	39930324	1.055	1.272m
12)	B 4,4'-DDE	5.286	6.394	1637379	38848555	0.878	1.273 #
13)	MA Dieldrin	5.399	6.546	1811401	39257162	0.937	1.312 #
14)	MA Endrin	5.646	6.766	1638677	32242249	0.890	1.287 #
15)	B Endosulfa...	5.915	6.975	1602614	36143952	0.934m	1.451 #
16)	A 4,4'-DDD	5.787	6.887	1423593	33812706	0.931	1.414 #
17)	MA 4,4'-DDT	6.016	7.187	833157	16735081	0.579m	0.898 #
18)	B Endrin al...	6.081	7.100	1796673	30889412	1.253m	1.501
19)	B Endosulfa...	6.291	7.324	1886527	31891736	1.230	1.450
20)	A Methoxychlor	6.562	7.645	704481	10684573	0.834m	1.068m#
21)	B Endrin ke...	6.766	7.798	1810161	27502957	0.995	1.342 #
22)	Mirex	6.931	8.256	875729	20648140	0.715m	1.601 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052632.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2019 4:02
Operator : AJ\SJ
Sample : K1560-03
Misc : PEST LOQ 10 PPB
ALS Vial : 25 Sample Multiplier: 1

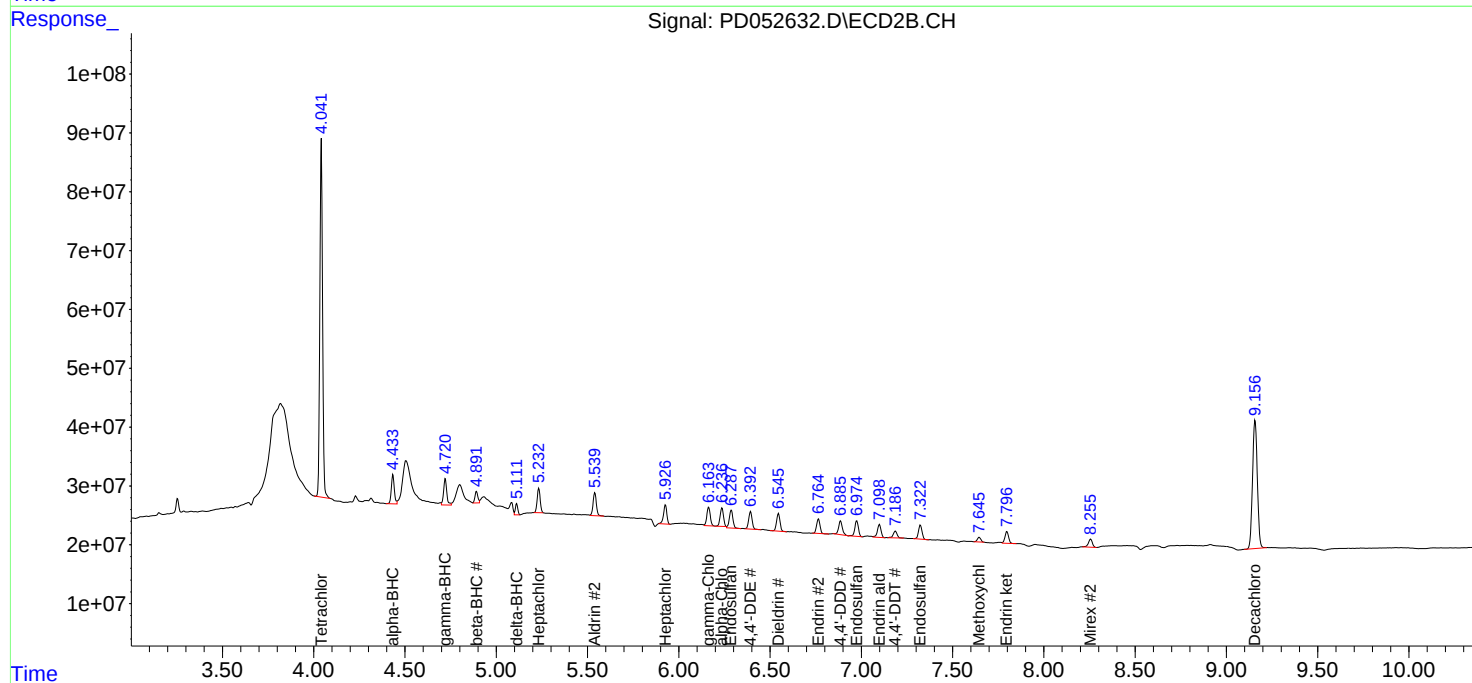
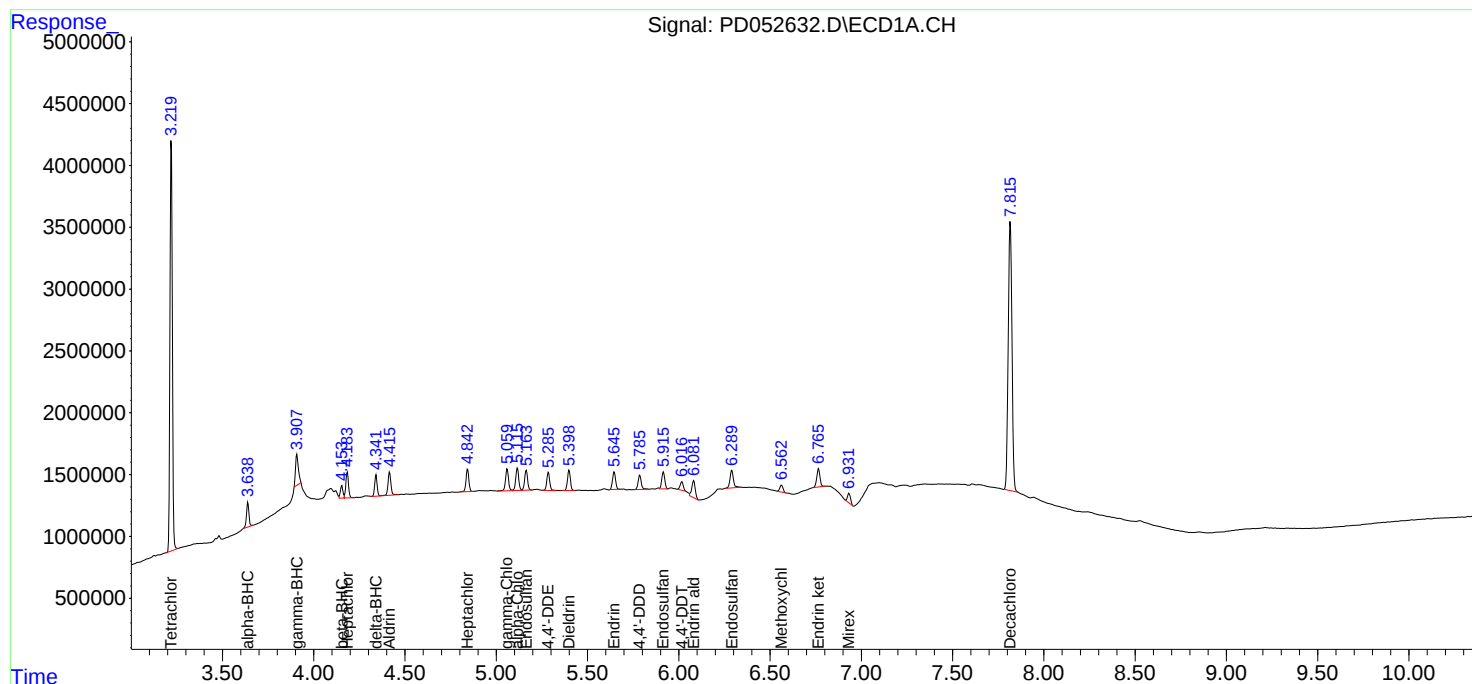
Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

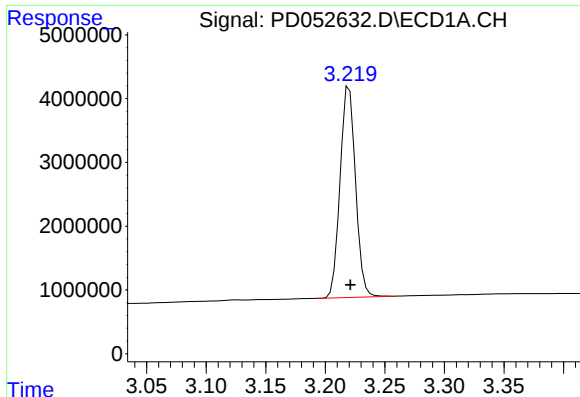
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 07:02:18 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





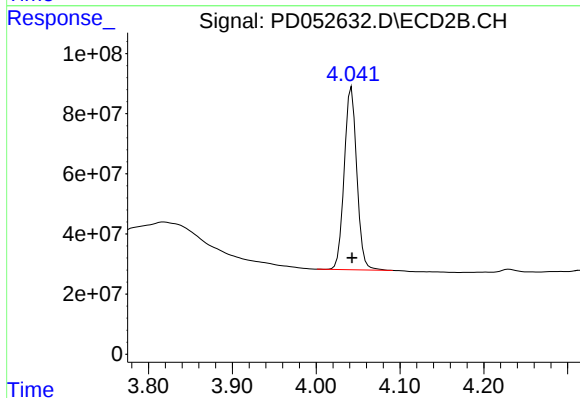
#1 Tetrachloro-m-xylene

R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 29816745
Conc: 21.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

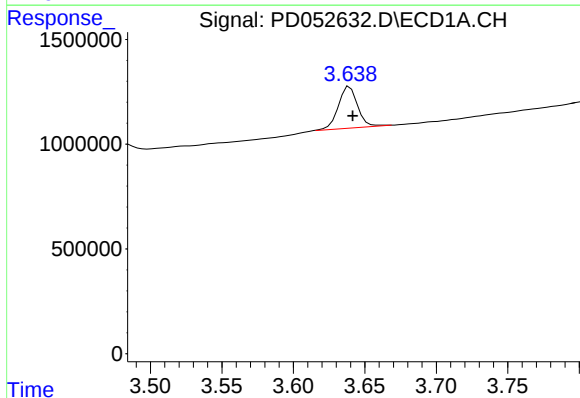
Manual Integrations
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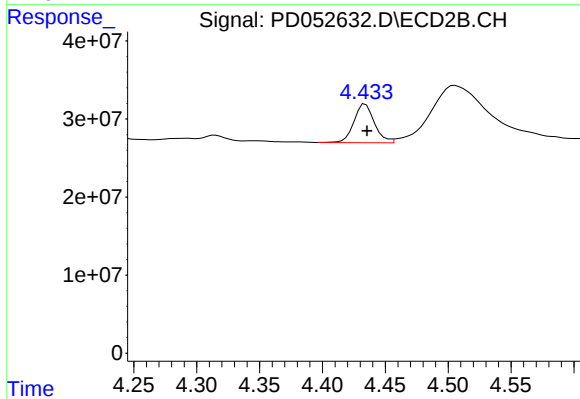
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 634099529
Conc: 21.88 ng/ml



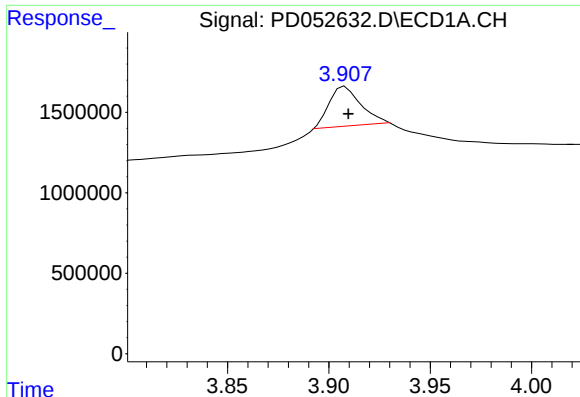
#2 alpha-BHC

R.T.: 3.639 min
Delta R.T.: -0.002 min
Response: 1851599
Conc: 0.81 ng/ml



#2 alpha-BHC

R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 56161258
Conc: 1.25 ng/ml



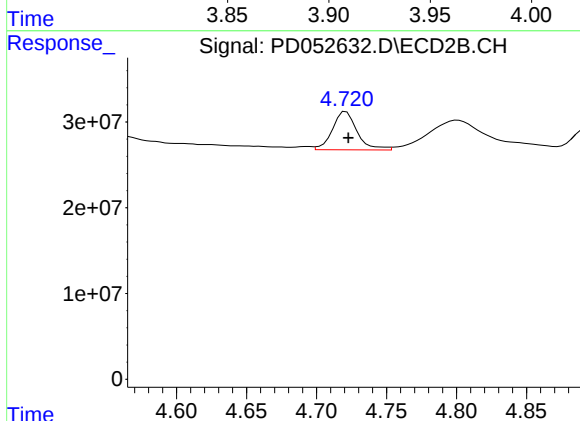
#3 gamma-BHC (Lindane)

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 2682483
Conc: 1.23 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

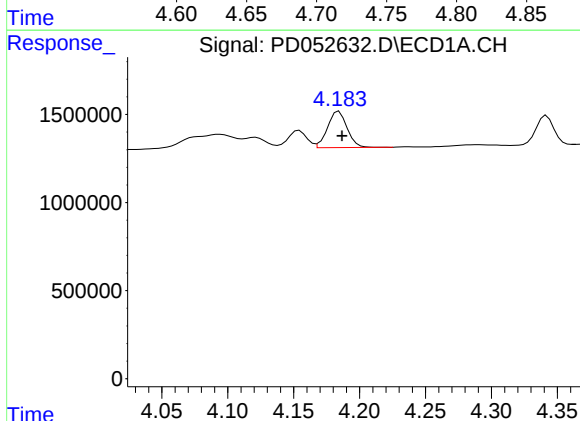
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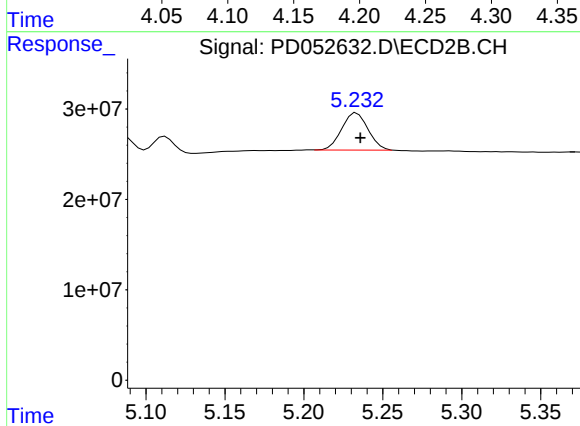
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 54538231
Conc: 1.36 ng/ml



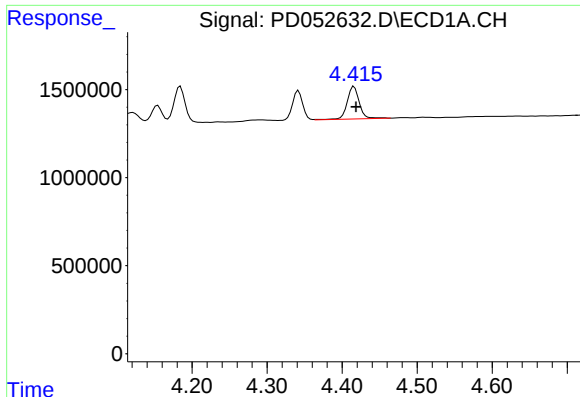
#4 Heptachlor

R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 2140838
Conc: 1.01 ng/ml



#4 Heptachlor

R.T.: 5.232 min
Delta R.T.: -0.004 min
Response: 47918550
Conc: 1.21 ng/ml m



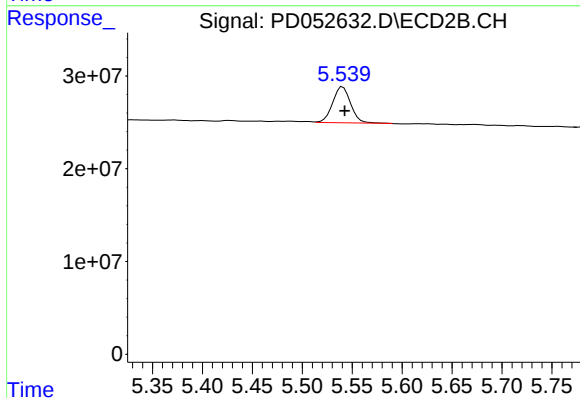
#5 Aldrin

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 2080808
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

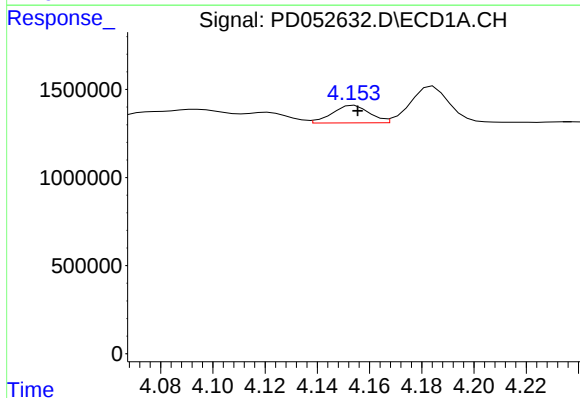
Manual Integrations
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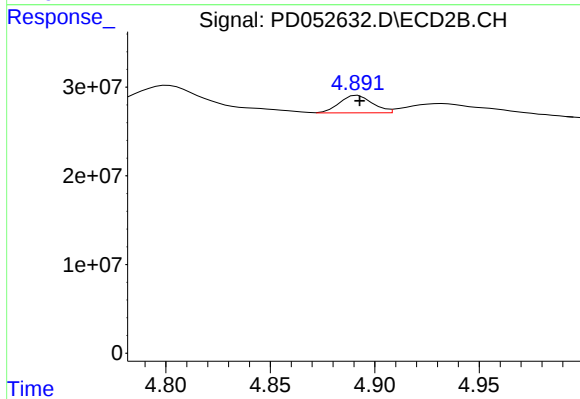
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 48352473
Conc: 1.31 ng/ml



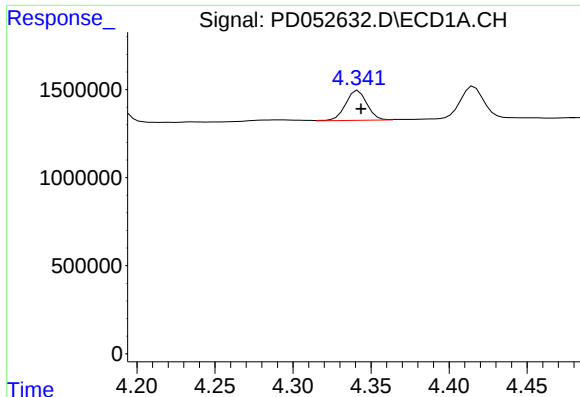
#6 beta-BHC

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 987141
Conc: 1.12 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 20964696
Conc: 1.16 ng/ml m



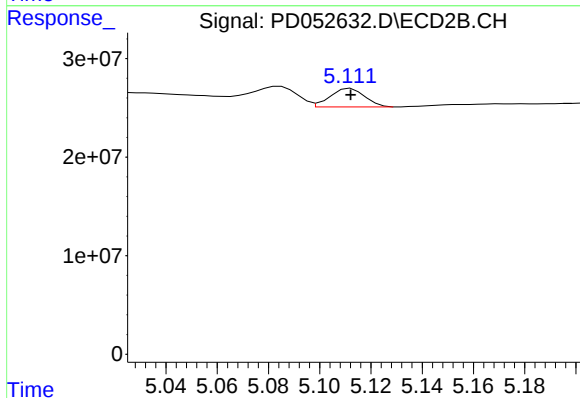
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: -0.002 min
Response: 1613473
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

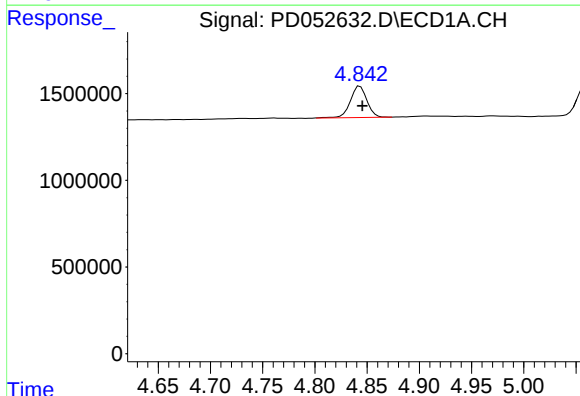
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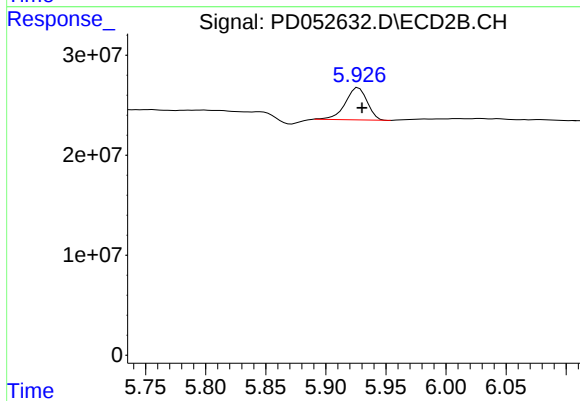
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: -0.001 min
Response: 17303572
Conc: 0.53 ng/ml m



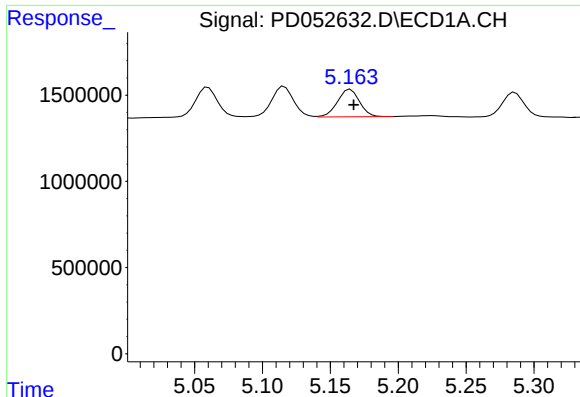
#8 Heptachlor epoxide

R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 1989017
Conc: 1.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 40852963
Conc: 1.27 ng/ml



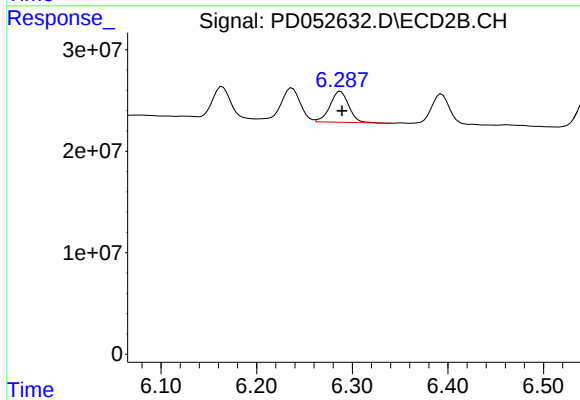
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 1802535
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

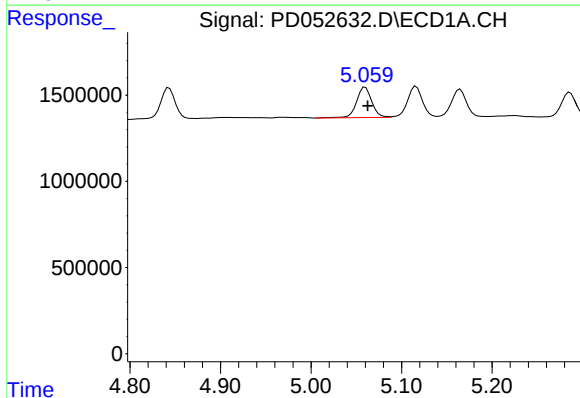
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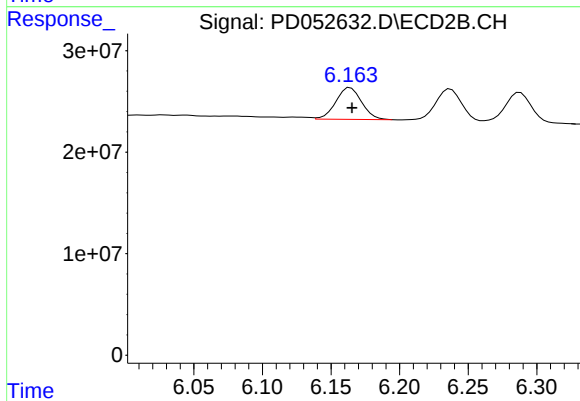
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.001 min
Response: 40546333
Conc: 1.39 ng/ml



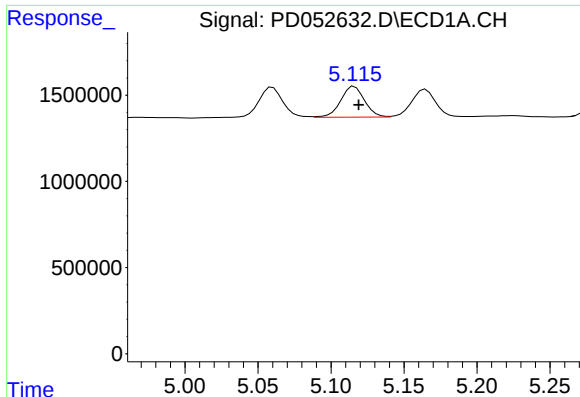
#10 gamma-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.003 min
Response: 2059681
Conc: 1.06 ng/ml



#10 gamma-Chlordane

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 41077049
Conc: 1.28 ng/ml m



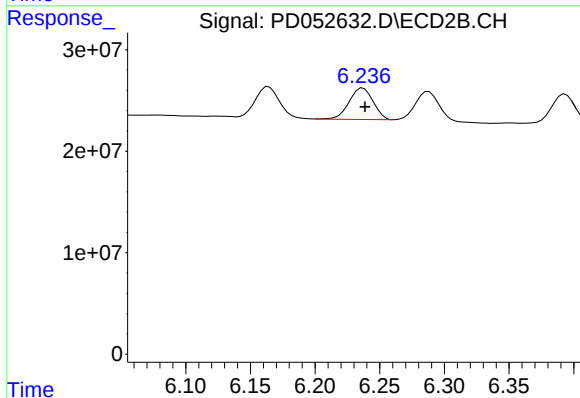
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 2035734
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

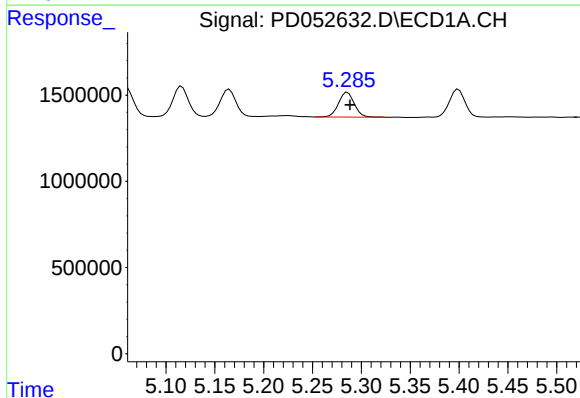
Manual Integrations
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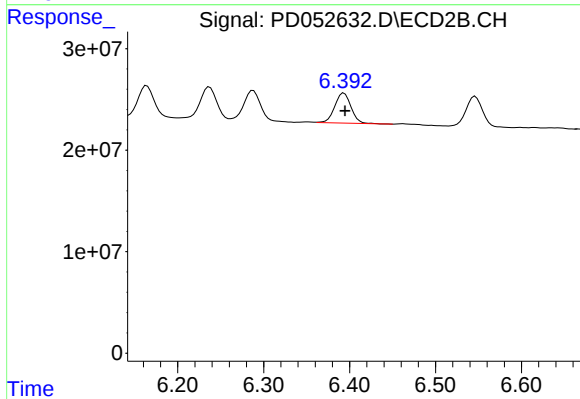
#11 alpha-Chlordane

R.T.: 6.236 min
Delta R.T.: -0.003 min
Response: 39930324
Conc: 1.27 ng/ml m



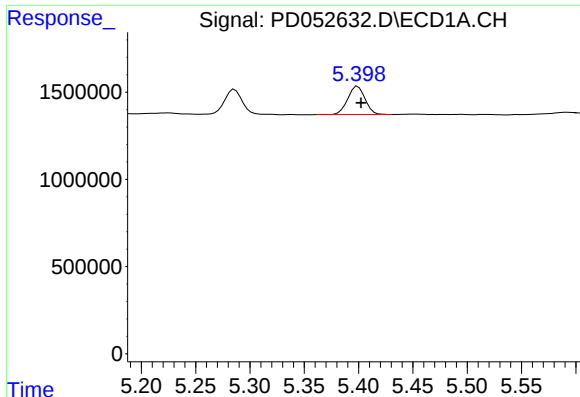
#12 4,4'-DDE

R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 1637379
Conc: 0.88 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 38848555
Conc: 1.27 ng/ml



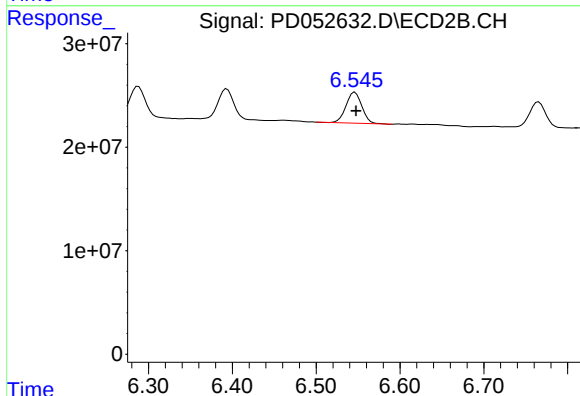
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: -0.003 min
Response: 1811401
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

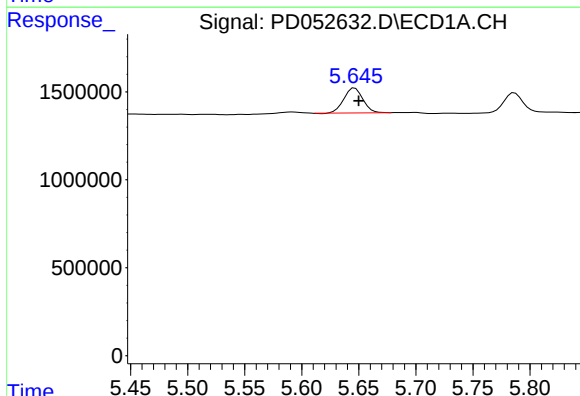
Manual Integrations
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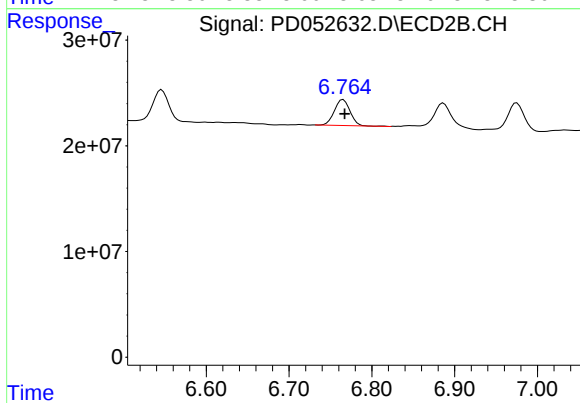
#13 Dieldrin

R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 39257162
Conc: 1.31 ng/ml



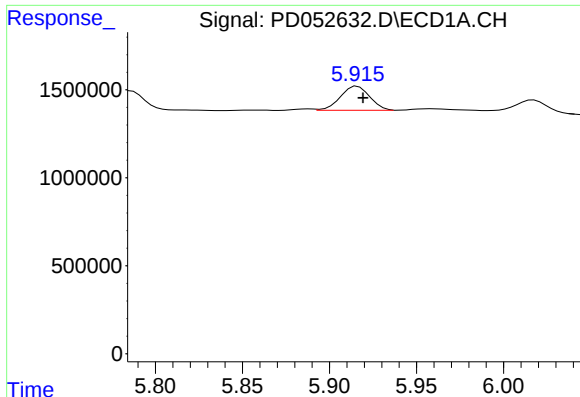
#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 1638677
Conc: 0.89 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 32242249
Conc: 1.29 ng/ml



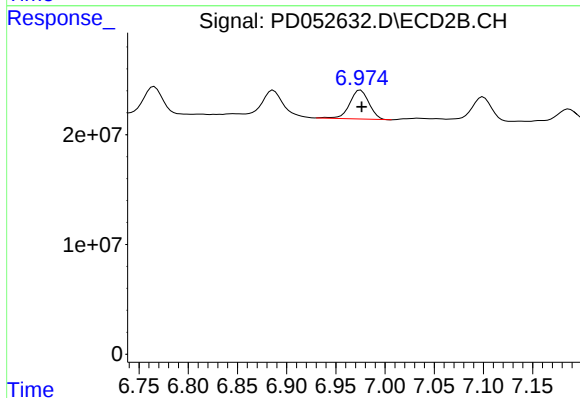
#15 Endosulfan II

R.T.: 5.915 min
Delta R.T.: -0.005 min
Response: 1602614
Conc: 0.93 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

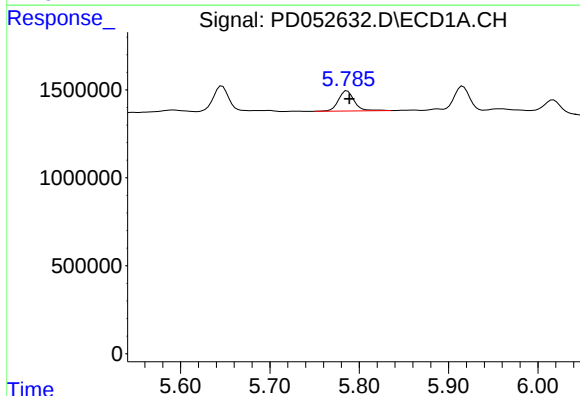
Manual Integrations
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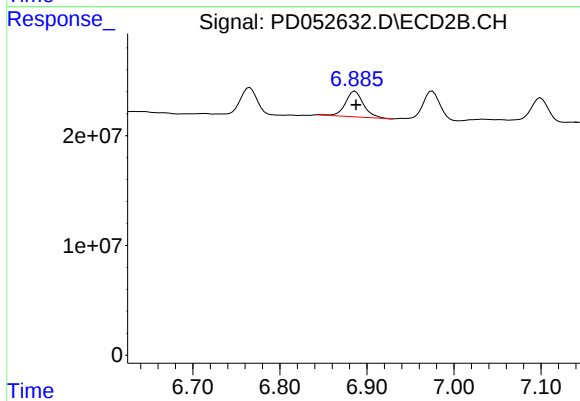
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: -0.001 min
Response: 36143952
Conc: 1.45 ng/ml



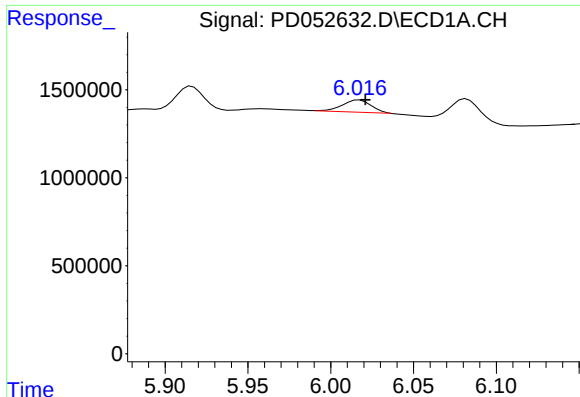
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 1423593
Conc: 0.93 ng/ml



#16 4,4'-DDD

R.T.: 6.887 min
Delta R.T.: -0.001 min
Response: 33812706
Conc: 1.41 ng/ml



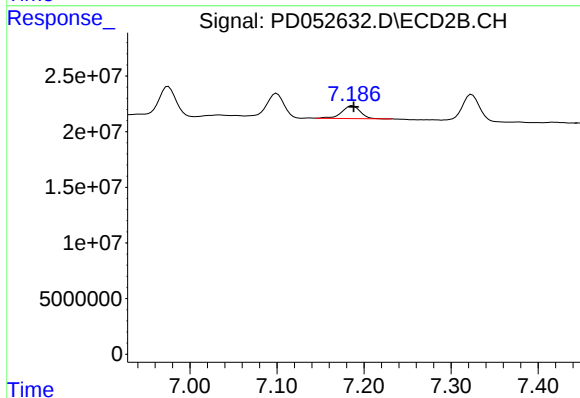
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: -0.005 min
Response: 833157
Conc: 0.58 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

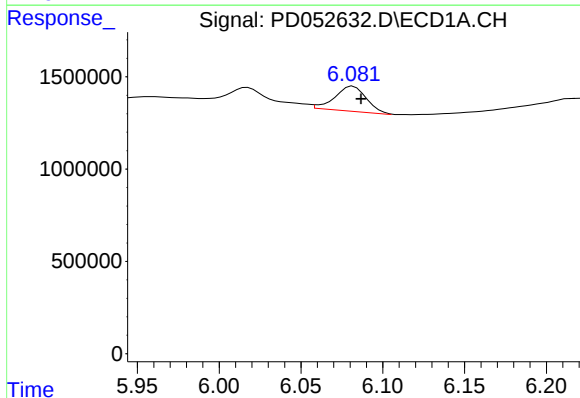
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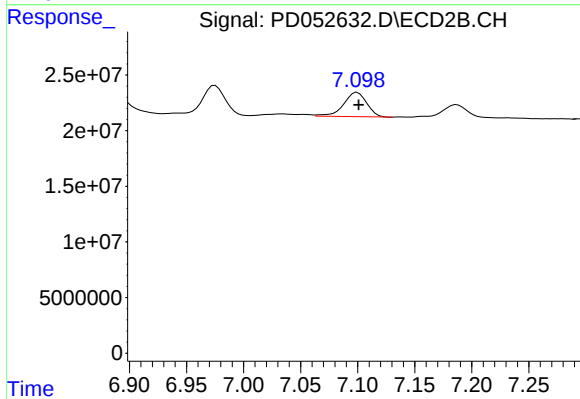
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: -0.001 min
Response: 16735081
Conc: 0.90 ng/ml



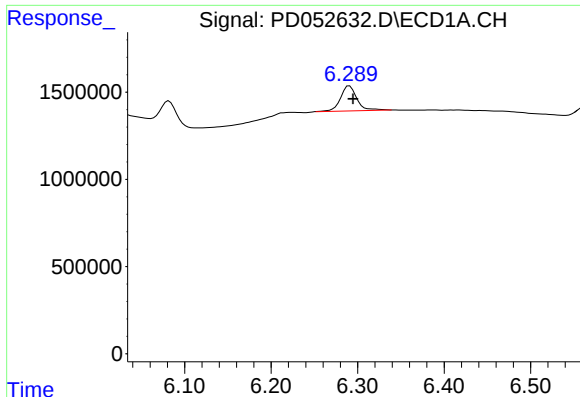
#18 Endrin aldehyde

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 1796673
Conc: 1.25 ng/ml m



#18 Endrin aldehyde

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 30889412
Conc: 1.50 ng/ml



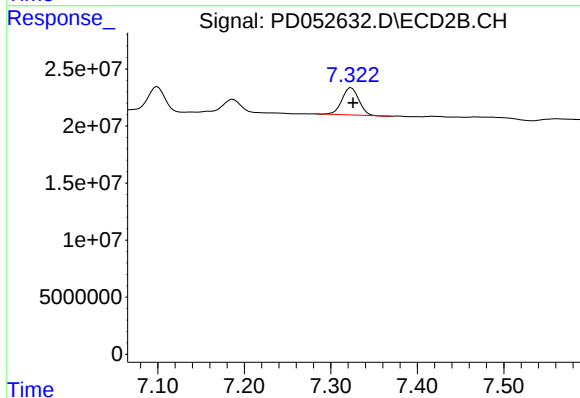
#19 Endosulfan Sulfate

R.T.: 6.291 min
Delta R.T.: -0.004 min
Response: 1886527
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

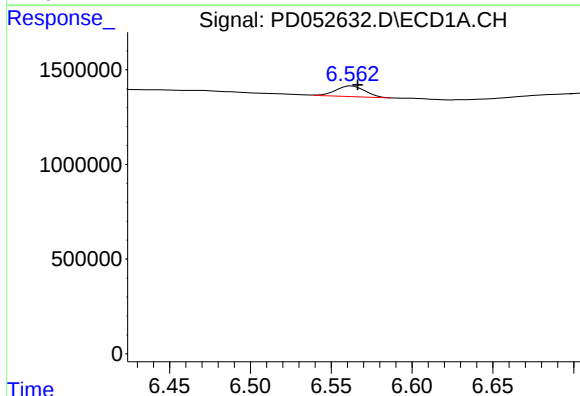
Manual Integrations
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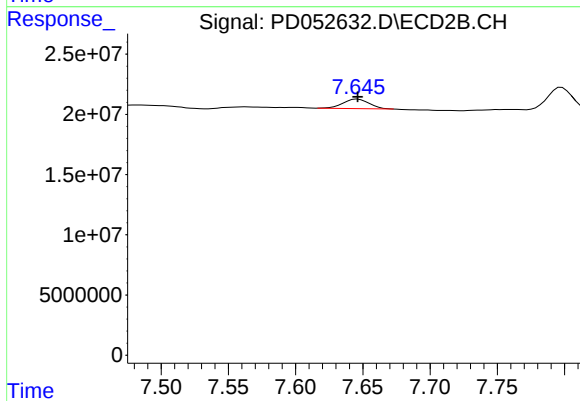
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: -0.002 min
Response: 31891736
Conc: 1.45 ng/ml



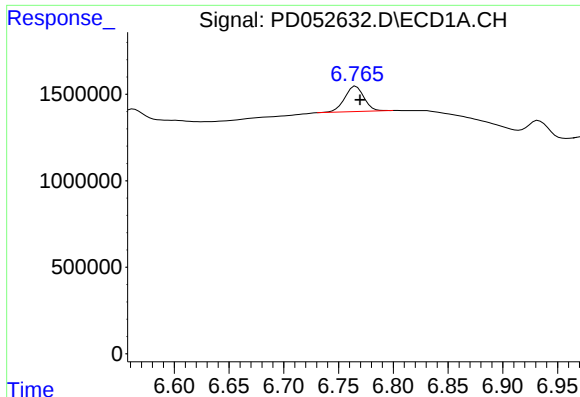
#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 704481
Conc: 0.83 ng/ml m



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 10684573
Conc: 1.07 ng/ml m



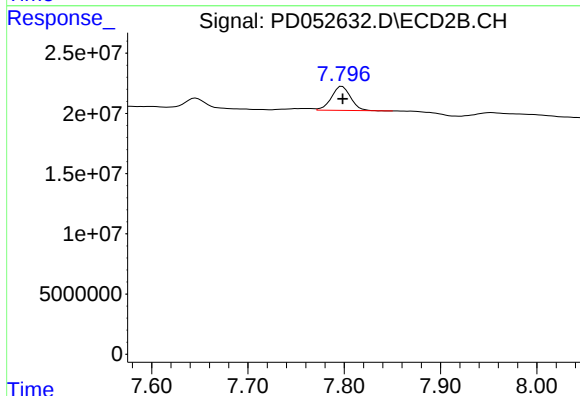
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 1810161
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

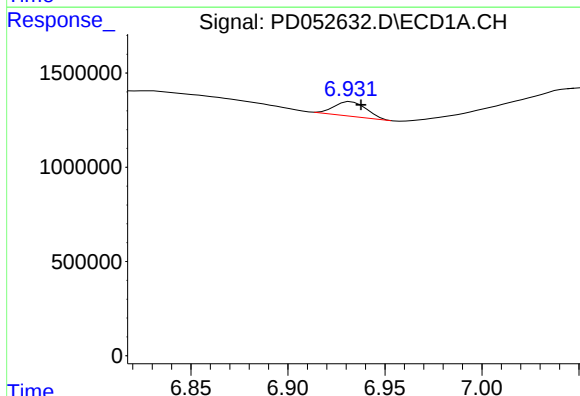
Manual Integrations
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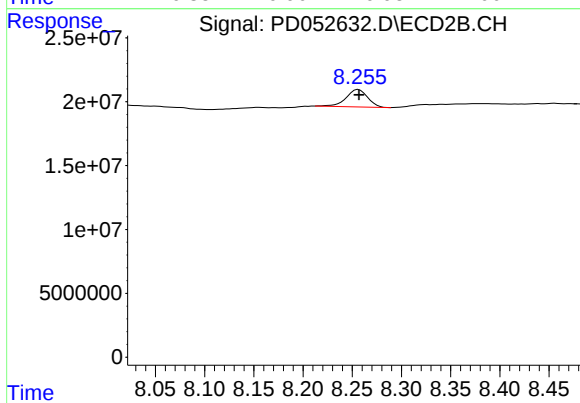
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 27502957
Conc: 1.34 ng/ml



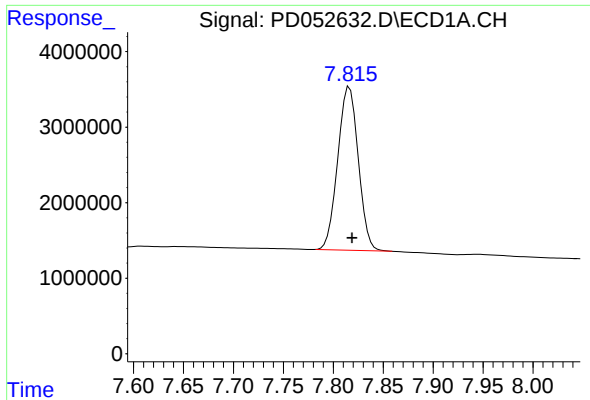
#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.007 min
Response: 875729
Conc: 0.71 ng/ml m



#22 Mirex

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 20648140
Conc: 1.60 ng/ml



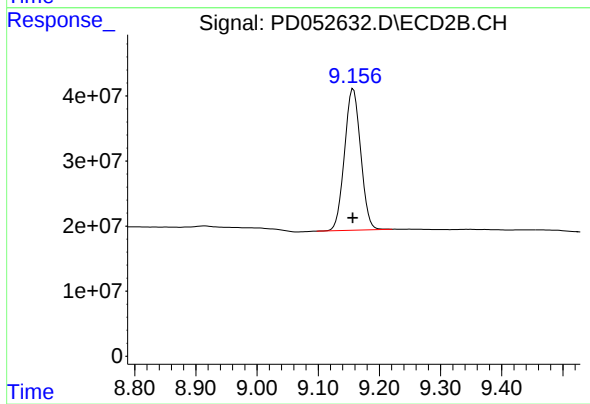
#28 Decachlorobiphenyl

R.T.: 7.816 min
Delta R.T.: -0.002 min
Response: 31019517
Conc: 23.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT1-2019

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#28 Decachlorobiphenyl

R.T.: 9.157 min
Delta R.T.: 0.000 min
Response: 398824610
Conc: 25.65 ng/ml