

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
 Data File : PD053024.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Apr 2019 16:49
 Operator : AJ\SJ
 Sample : K2472-03MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 03:33:28 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...	3.219	4.040	28934723	647.1E6	20.735	22.326
28)	SA Decachlor...	7.814	9.159	27118804	354.5E6	20.348	22.795
Target Compounds							
2)	A alpha-BHC	3.638	4.433	131.9E6	2282.6E6	58.030	50.714
3)	MA gamma-BHC...	3.906	4.720	123.7E6	2102.7E6	56.557	52.268
4)	MA Heptachlor	4.183	5.233	125.5E6	1982.5E6	59.131	49.970
5)	MB Aldrin	4.415	5.540	119.3E6	1853.1E6	59.256	50.047
6)	B beta-BHC	4.153	4.891	50671327	930.7E6	57.411	51.437
7)	B delta-BHC	4.341	5.109	88907709	1425.7E6	43.590	43.325m
8)	B Heptachlo...	4.842	5.929	114.6E6	1676.9E6	60.310	51.951
9)	A Endosulfan I	5.164	6.288	105.8E6	1533.6E6	59.221	52.496
10)	B gamma-Chl...	5.059	6.164	116.0E6	1728.8E6	59.511	54.035
11)	B alpha-Chl...	5.115	6.237	113.9E6	1656.4E6	59.005	52.770
12)	B 4,4'-DDE	5.285	6.394	107.4E6	1586.1E6	57.578	51.955
13)	MA Dieldrin	5.400	6.547	114.8E6	1515.1E6	59.378	50.651
14)	MA Endrin	5.646	6.766	100.6E6	1277.7E6	54.608	50.990
15)	B Endosulfa...	5.916	6.976	96295197	1290.0E6	56.102	51.771
16)	A 4,4'-DDD	5.786	6.887	86005410	1255.7E6	56.271	52.506
17)	MA 4,4'-DDT	6.017	7.188	78966431	1045.8E6	54.892	56.122
18)	B Endrin al...	6.082	7.100	78961173	1087.3E6	55.077	52.821
19)	B Endosulfa...	6.291	7.325	84216415	1181.1E6	54.920	53.685
20)	A Methoxychlor	6.563	7.647	44070162	561.7E6	52.165	56.150
21)	B Endrin ke...	6.766	7.800	103.4E6	1199.0E6	56.867	58.520
22)	Mirex	6.934	8.257	74242753	780.5E6	60.604	60.529

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
Data File : PD053024.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2019 16:49
Operator : AJ\SJ
Sample : K2472-03MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

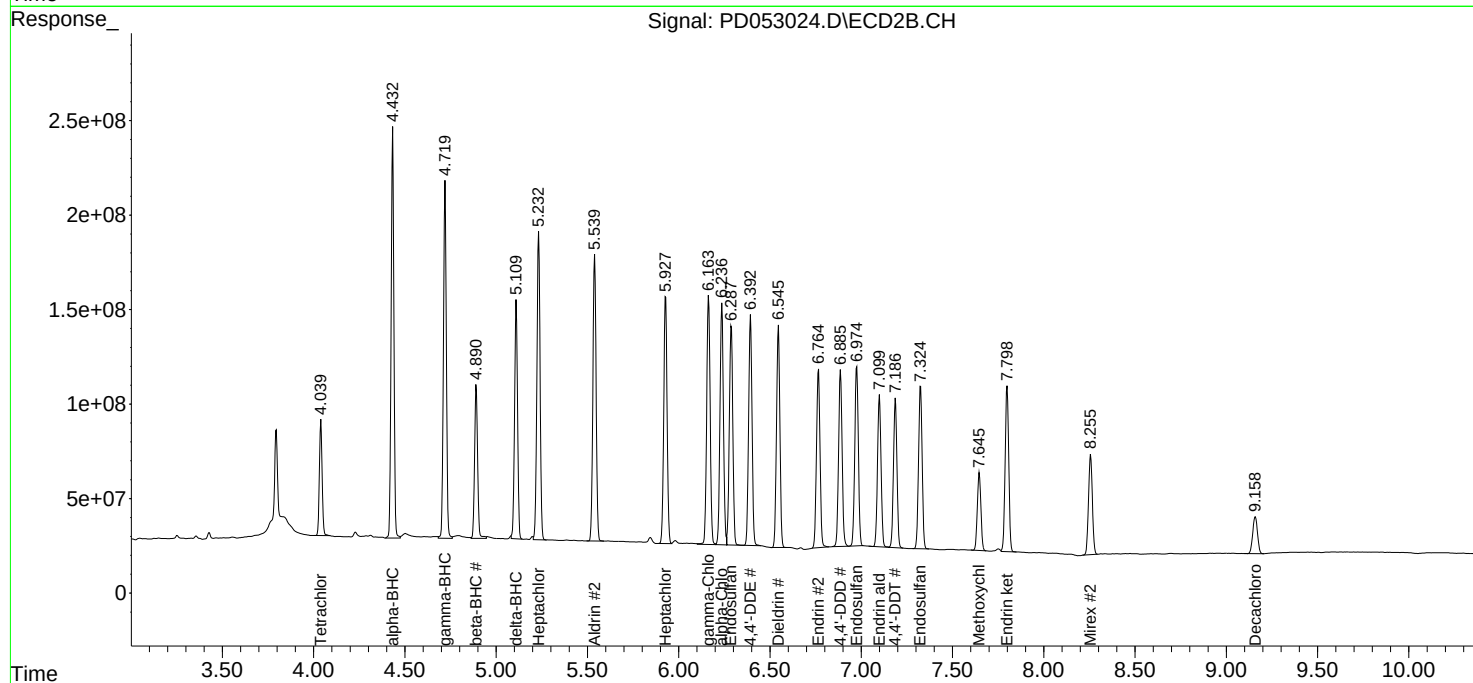
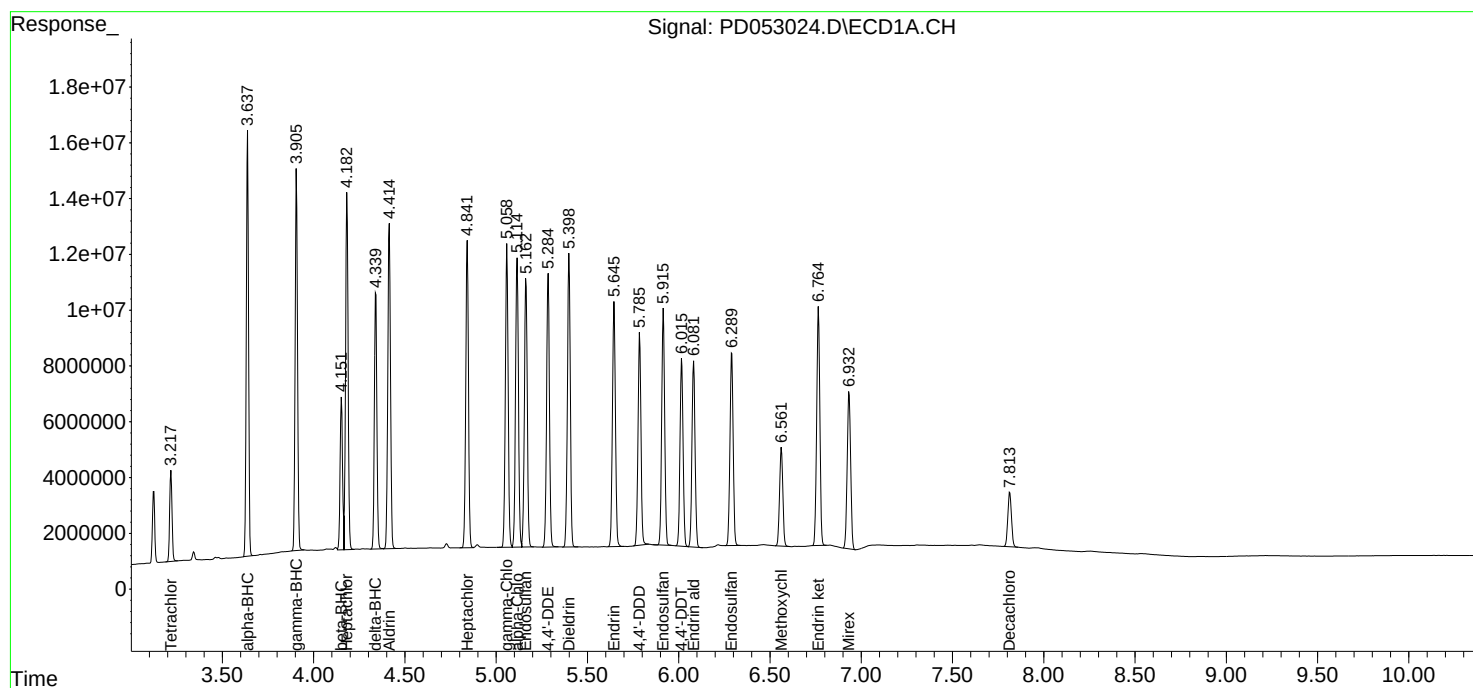
Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

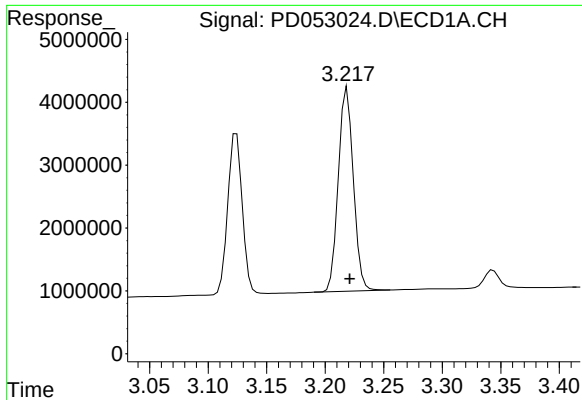
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 03:33:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response 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





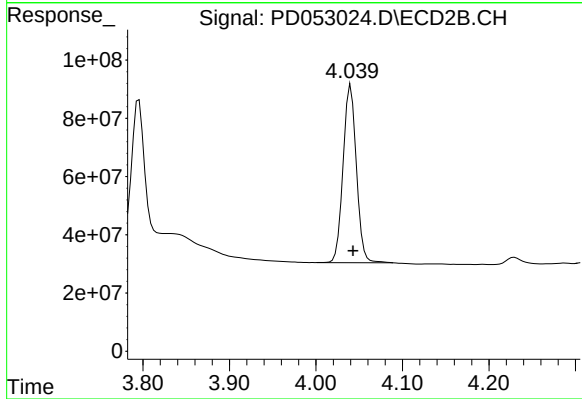
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 28934723
Conc: 20.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

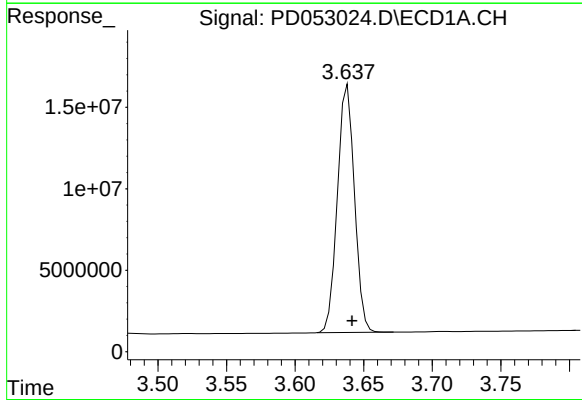
Manual Integrations
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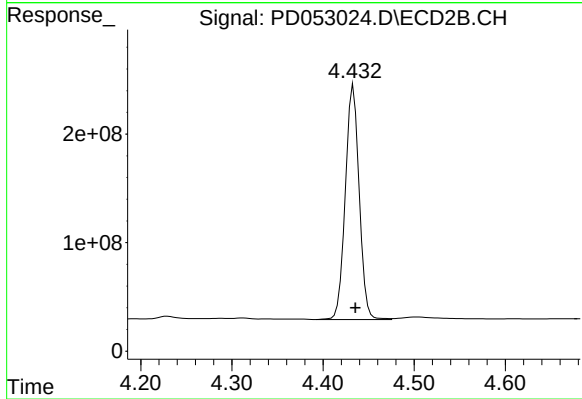
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 647105532
Conc: 22.33 ng/ml



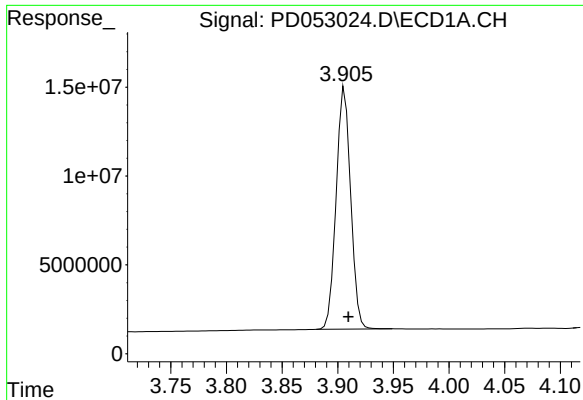
#2 alpha-BHC

R.T.: 3.638 min
Delta R.T.: -0.003 min
Response: 131912998
Conc: 58.03 ng/ml



#2 alpha-BHC

R.T.: 4.433 min
Delta R.T.: -0.002 min
Response: 2282615885
Conc: 50.71 ng/ml



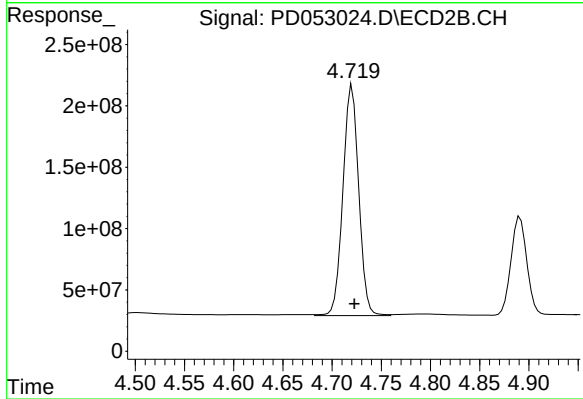
#3 gamma-BHC (Lindane)

R.T.: 3.906 min
Delta R.T.: -0.003 min
Response: 123663433
Conc: 56.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

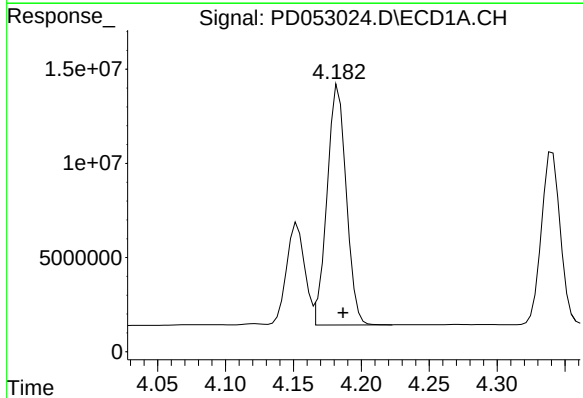
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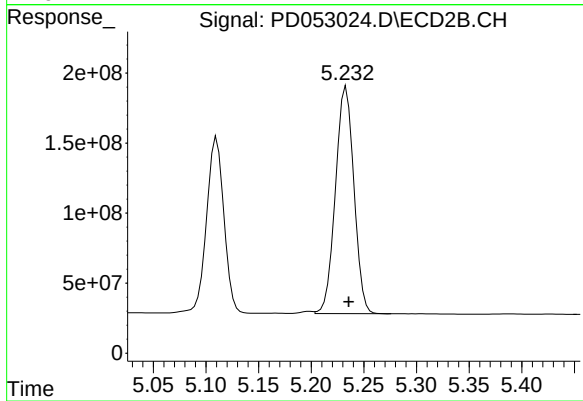
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 2102667449
Conc: 52.27 ng/ml



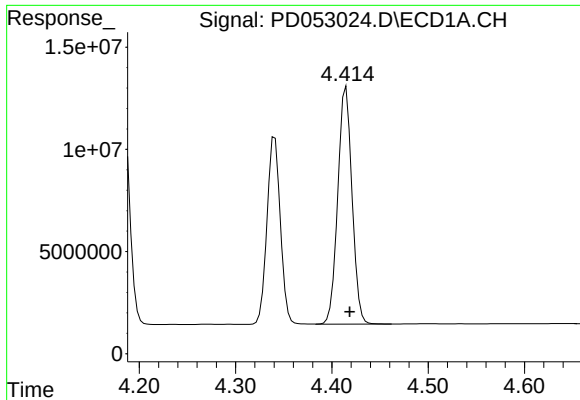
#4 Heptachlor

R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 125546192
Conc: 59.13 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 1982546286
Conc: 49.97 ng/ml



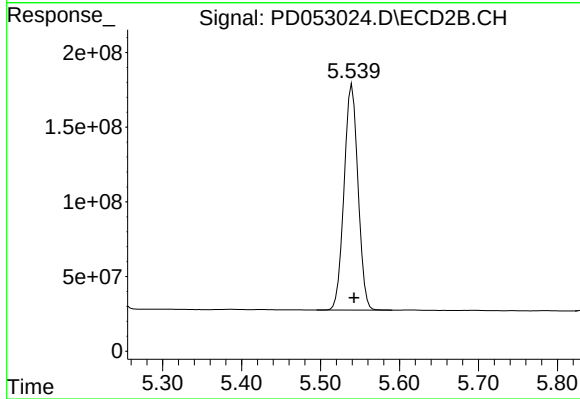
#5 Aldrin

R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 119312109
Conc: 59.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

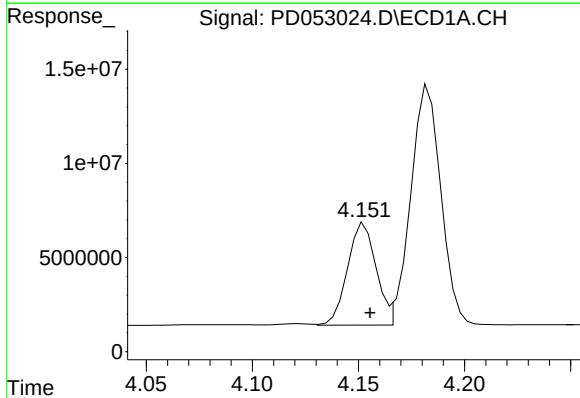
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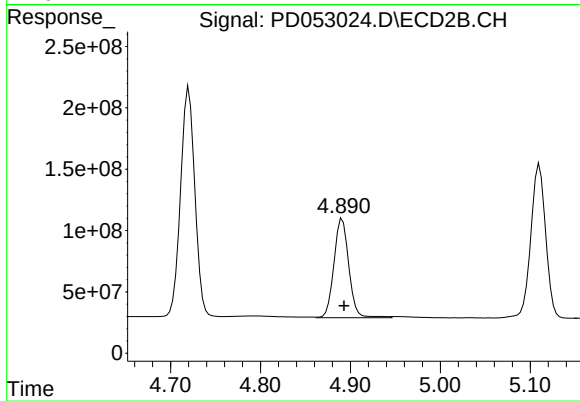
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 1853101943
Conc: 50.05 ng/ml



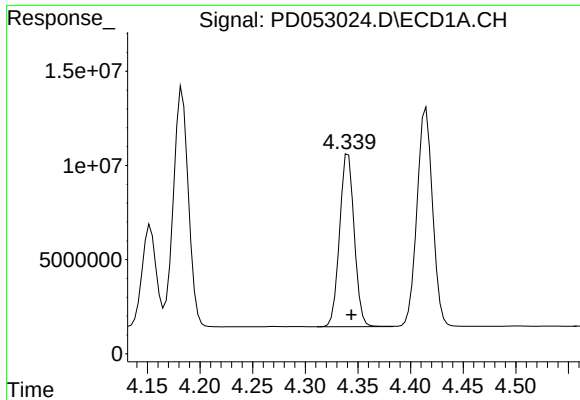
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 50671327
Conc: 57.41 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 930745582
Conc: 51.44 ng/ml



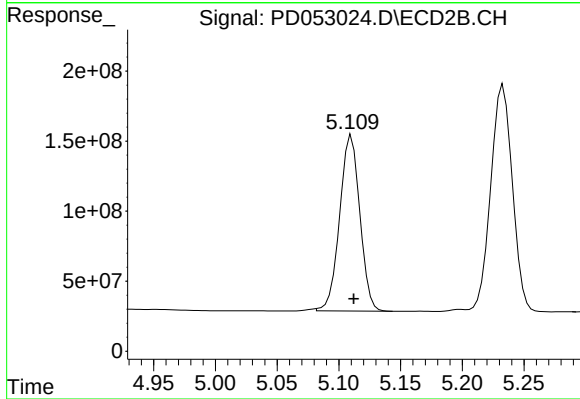
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 88907709
Conc: 43.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

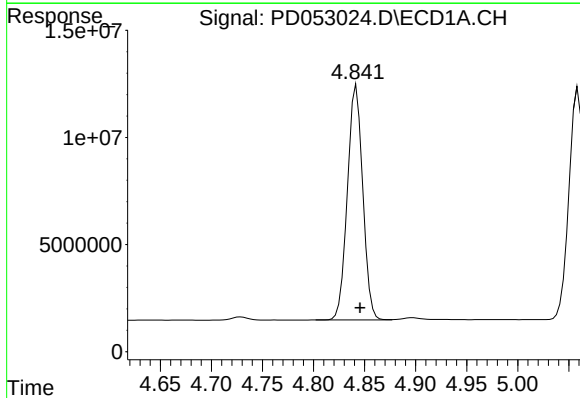
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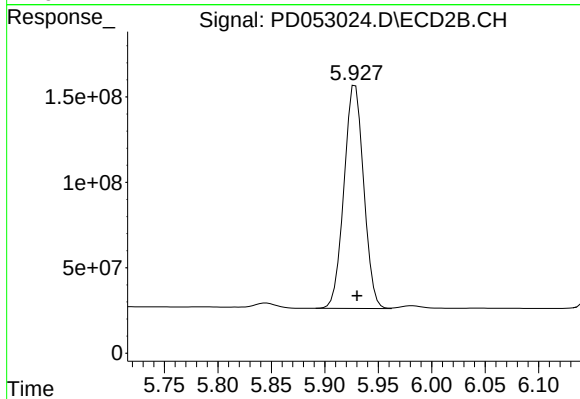
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 1425651567
Conc: 43.32 ng/ml m



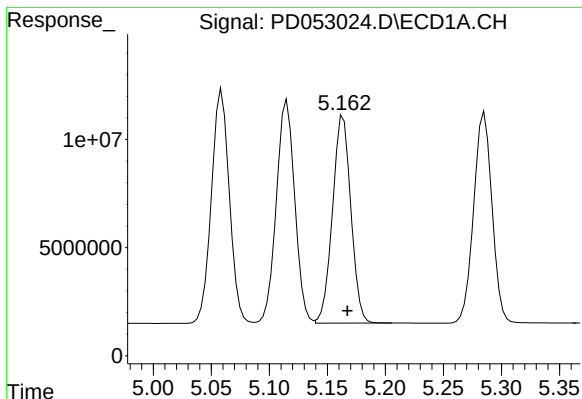
#8 Heptachlor epoxide

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 114621180
Conc: 60.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 1676916086
Conc: 51.95 ng/ml



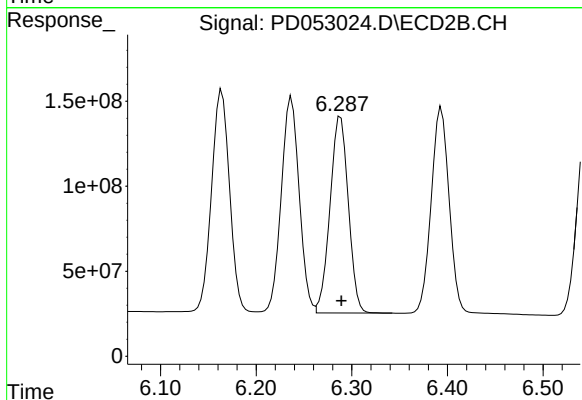
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.004 min
Response: 105835975
Conc: 59.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

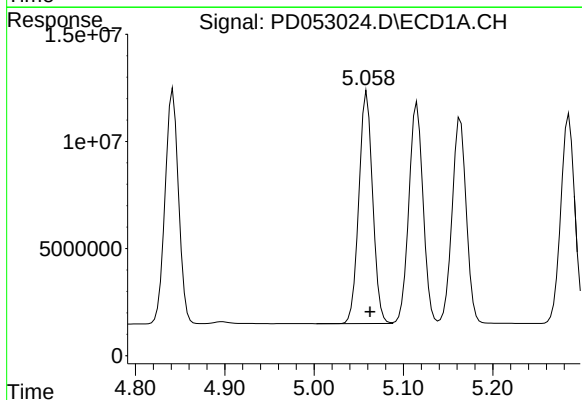
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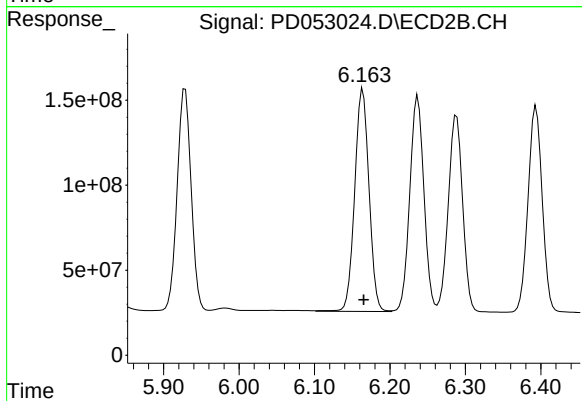
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.001 min
Response: 1533598138
Conc: 52.50 ng/ml



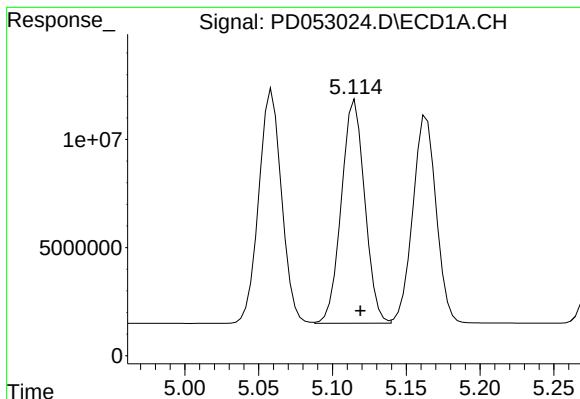
#10 gamma-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.004 min
Response: 116039814
Conc: 59.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 1728783320
Conc: 54.03 ng/ml



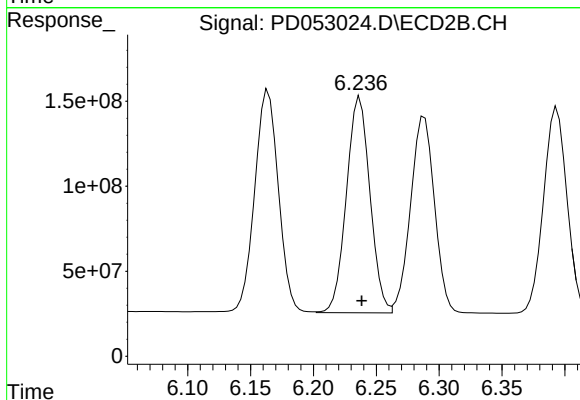
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 113881734
Conc: 59.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

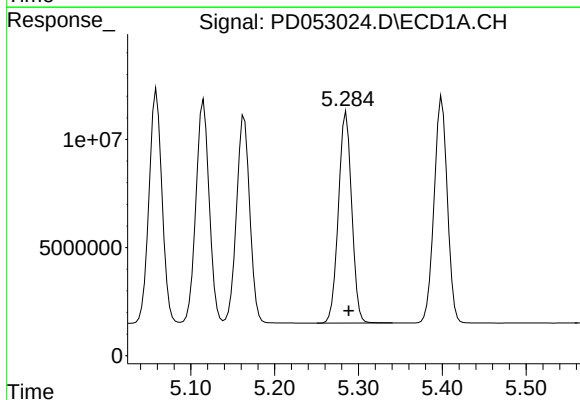
Manual Integrations
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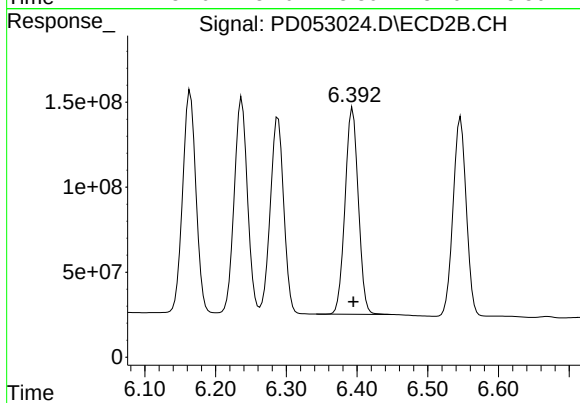
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 1656381943
Conc: 52.77 ng/ml



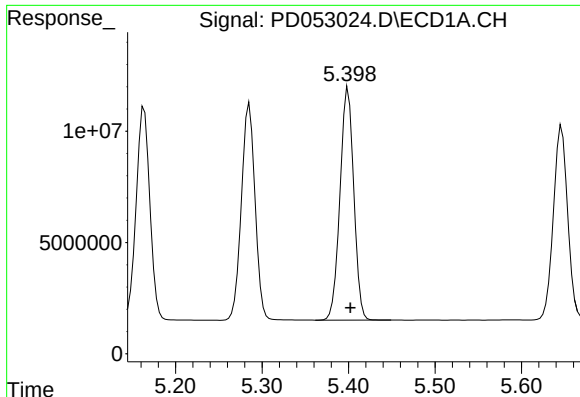
#12 4,4'-DDE

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 107369576
Conc: 57.58 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 1586118587
Conc: 51.95 ng/ml



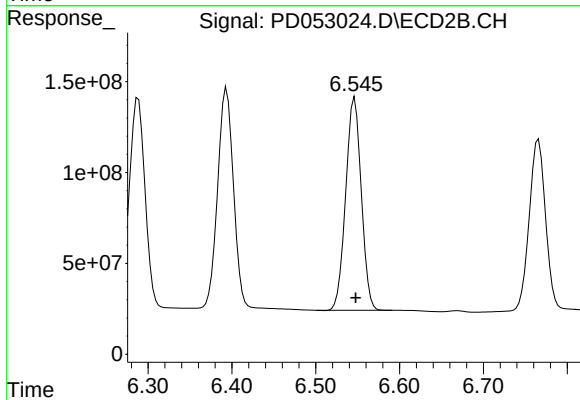
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.003 min
Response: 114808513
Conc: 59.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

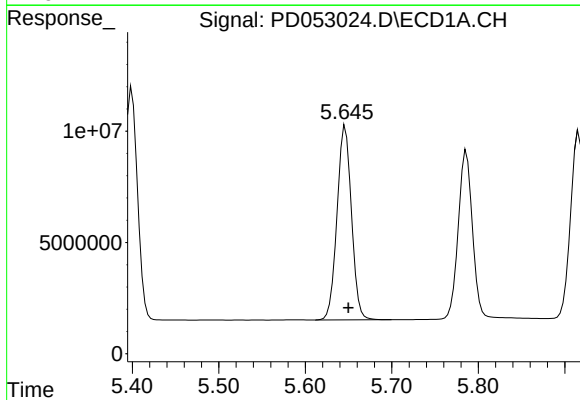
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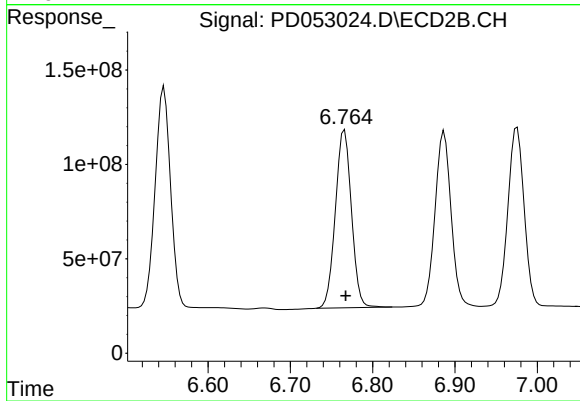
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 1515071521
Conc: 50.65 ng/ml



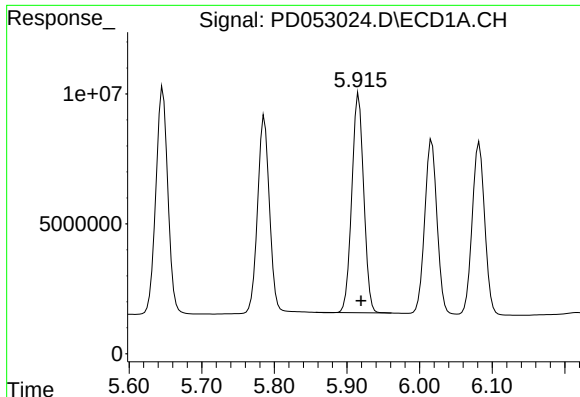
#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 100551469
Conc: 54.61 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 1277725616
Conc: 50.99 ng/ml



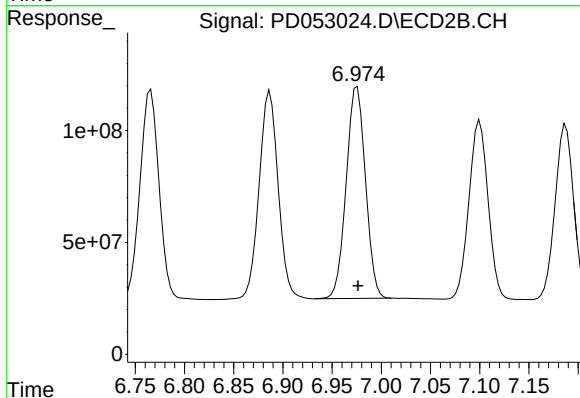
#15 Endosulfan II

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 96295197
Conc: 56.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

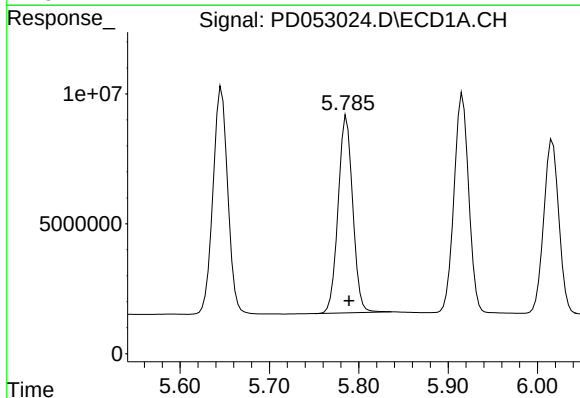
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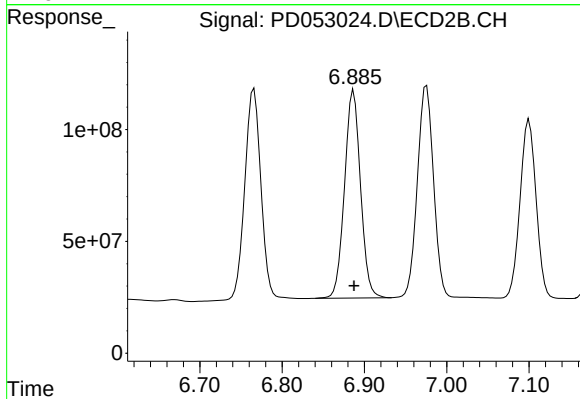
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 1289989030
Conc: 51.77 ng/ml



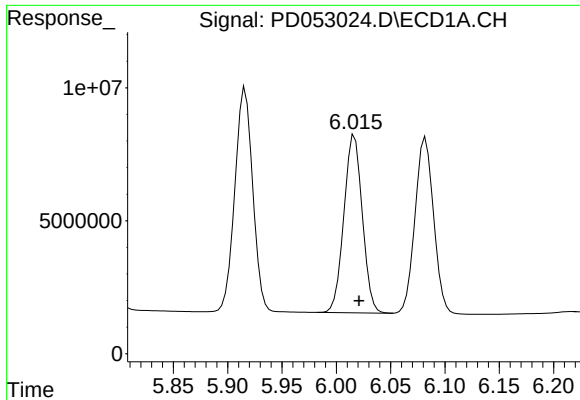
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 86005410
Conc: 56.27 ng/ml



#16 4,4'-DDD

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 1255744669
Conc: 52.51 ng/ml



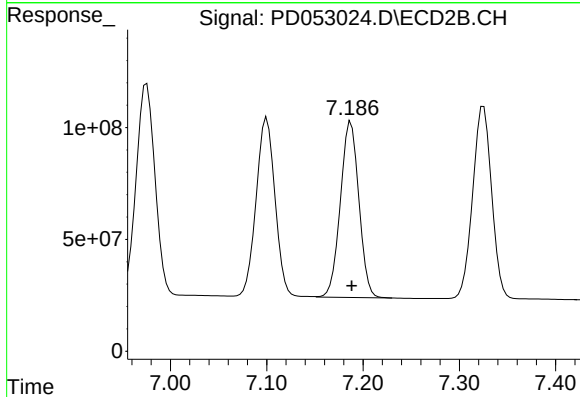
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 78966431
Conc: 54.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

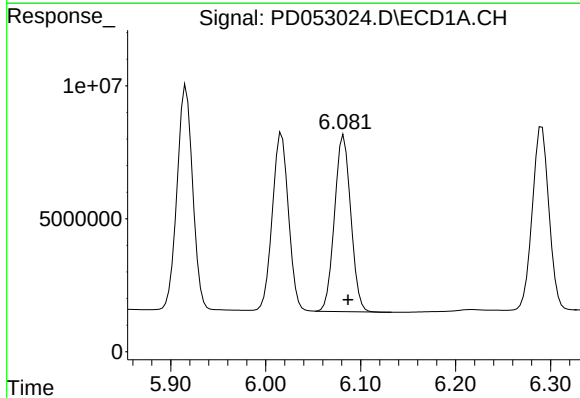
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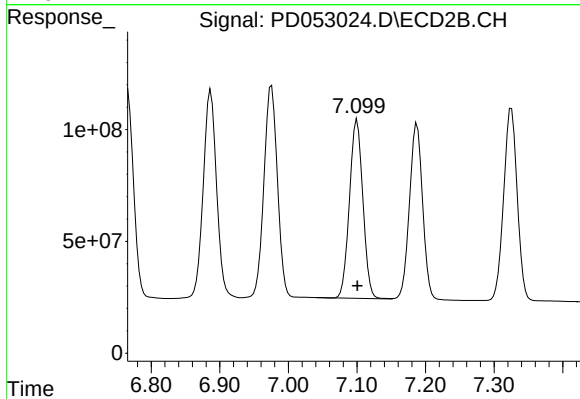
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 1045786864
Conc: 56.12 ng/ml



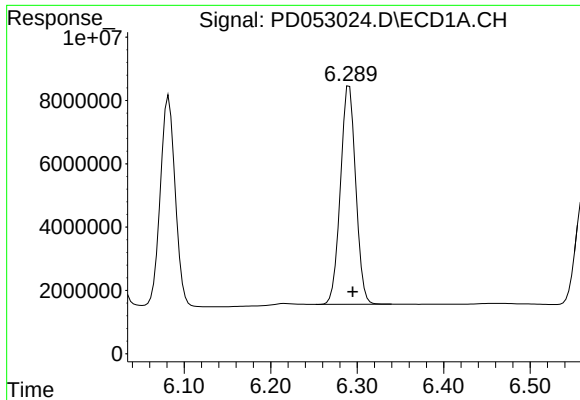
#18 Endrin aldehyde

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 78961173
Conc: 55.08 ng/ml



#18 Endrin aldehyde

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 1087330620
Conc: 52.82 ng/ml



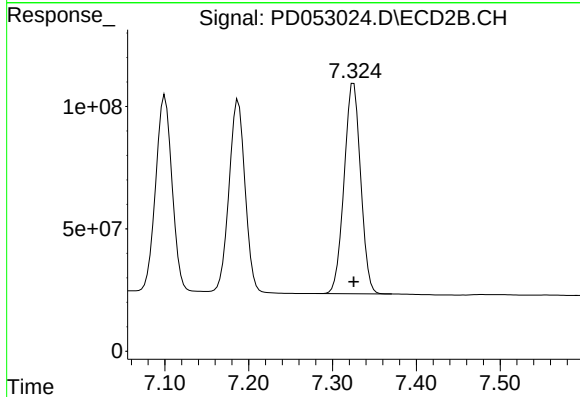
#19 Endosulfan Sulfate

R.T.: 6.291 min
Delta R.T.: -0.004 min
Response: 84216415
Conc: 54.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

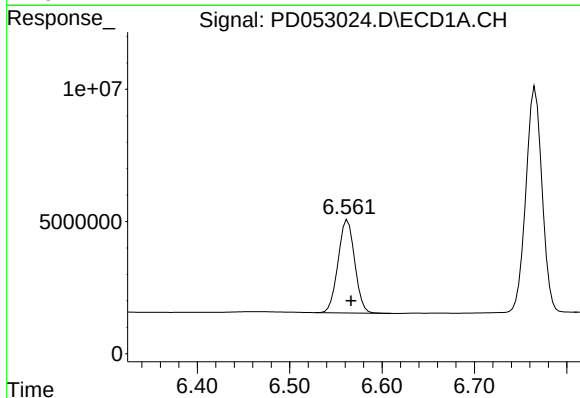
Manual Integrations
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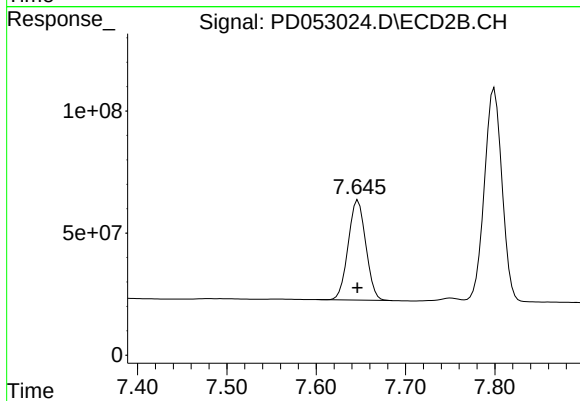
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1181063197
Conc: 53.69 ng/ml



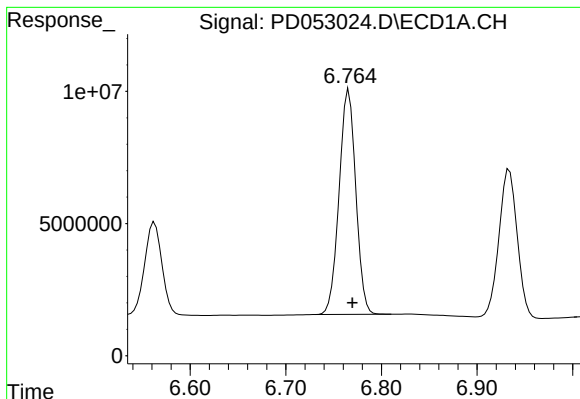
#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.004 min
Response: 44070162
Conc: 52.17 ng/ml



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 561685333
Conc: 56.15 ng/ml



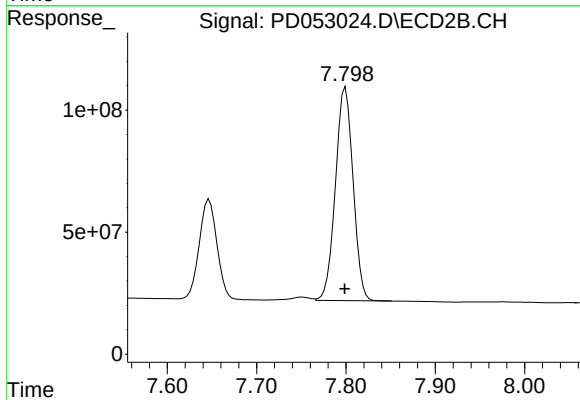
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.004 min
Response: 103428833
Conc: 56.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

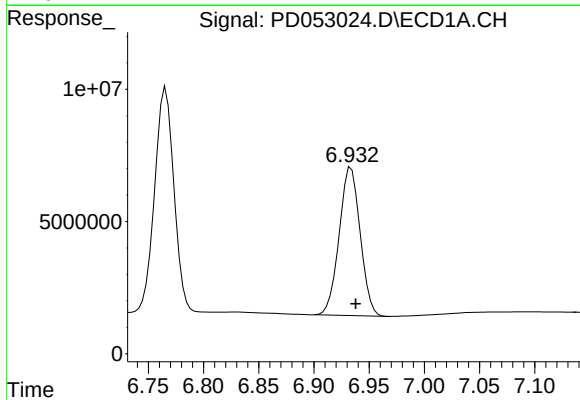
Manual Integrations
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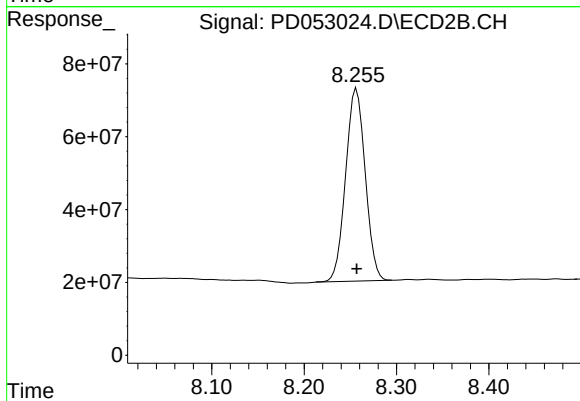
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 1199043268
Conc: 58.52 ng/ml



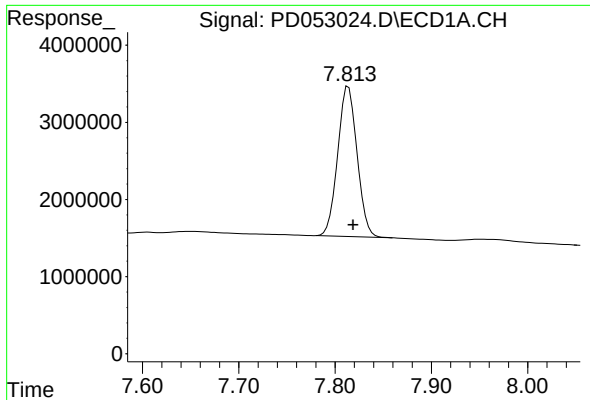
#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.004 min
Response: 74242753
Conc: 60.60 ng/ml



#22 Mirex

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 780543283
Conc: 60.53 ng/ml



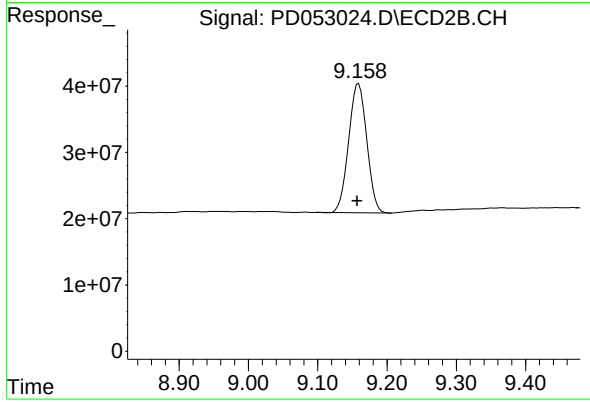
#28 Decachlorobiphenyl

R.T.: 7.814 min
Delta R.T.: -0.005 min
Response: 27118804
Conc: 20.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.159 min
Delta R.T.: 0.002 min
Response: 354494879
Conc: 22.80 ng/ml