

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
 Data File : PD053025.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Apr 2019 17:02
 Operator : AJ\SJ
 Sample : K2472-03MSD
 Misc :
 ALS Vial : 35 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 03:33:45 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	28699095	632.3E6	20.567	21.816
28)	SA Decachlor...	7.815	9.159	27169580	361.6E6	20.386	23.251
Target Compounds							
2)	A alpha-BHC	3.639	4.433	130.9E6	2254.9E6	57.605	50.098
3)	MA gamma-BHC...	3.907	4.720	123.3E6	2051.8E6	56.388	51.002
4)	MA Heptachlor	4.184	5.233	125.0E6	1987.5E6	58.858	50.094
5)	MB Aldrin	4.415	5.541	119.3E6	1849.6E6	59.264	49.954
6)	B beta-BHC	4.153	4.889	50367409	895.1E6	57.066	49.469m
7)	B delta-BHC	4.341	5.109	88903489	1434.3E6	43.588	43.587m
8)	B Heptachlo...	4.842	5.928	114.6E6	1677.3E6	60.308	51.964
9)	A Endosulfan I	5.164	6.288	106.1E6	1535.7E6	59.373	52.569
10)	B gamma-Chl...	5.060	6.164	115.9E6	1719.6E6	59.444	53.748
11)	B alpha-Chl...	5.116	6.237	114.2E6	1648.0E6	59.153	52.503
12)	B 4,4'-DDE	5.285	6.394	107.8E6	1598.9E6	57.800	52.373
13)	MA Dieldrin	5.399	6.546	115.2E6	1583.1E6	59.580	52.926
14)	MA Endrin	5.647	6.765	101.3E6	1309.8E6	54.993	52.270
15)	B Endosulfa...	5.916	6.976	96578255	1309.5E6	56.267	52.555
16)	A 4,4'-DDD	5.787	6.887	86369688	1263.9E6	56.509	52.847
17)	MA 4,4'-DDT	6.017	7.187	79589817	1072.2E6	55.325	57.538
18)	B Endrin al...	6.084	7.101	79247788	1103.3E6	55.277	53.596
19)	B Endosulfa...	6.291	7.325	84748331	1202.2E6	55.267	54.648
20)	A Methoxychlor	6.563	7.647	44379477	577.2E6	52.531	57.704
21)	B Endrin ke...	6.766	7.799	104.0E6	1221.4E6	57.164	59.609
22)	Mirex	6.934	8.257	74590609	813.7E6	60.888	63.099

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
Data File : PD053025.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2019 17:02
Operator : AJ\SJ
Sample : K2472-03MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

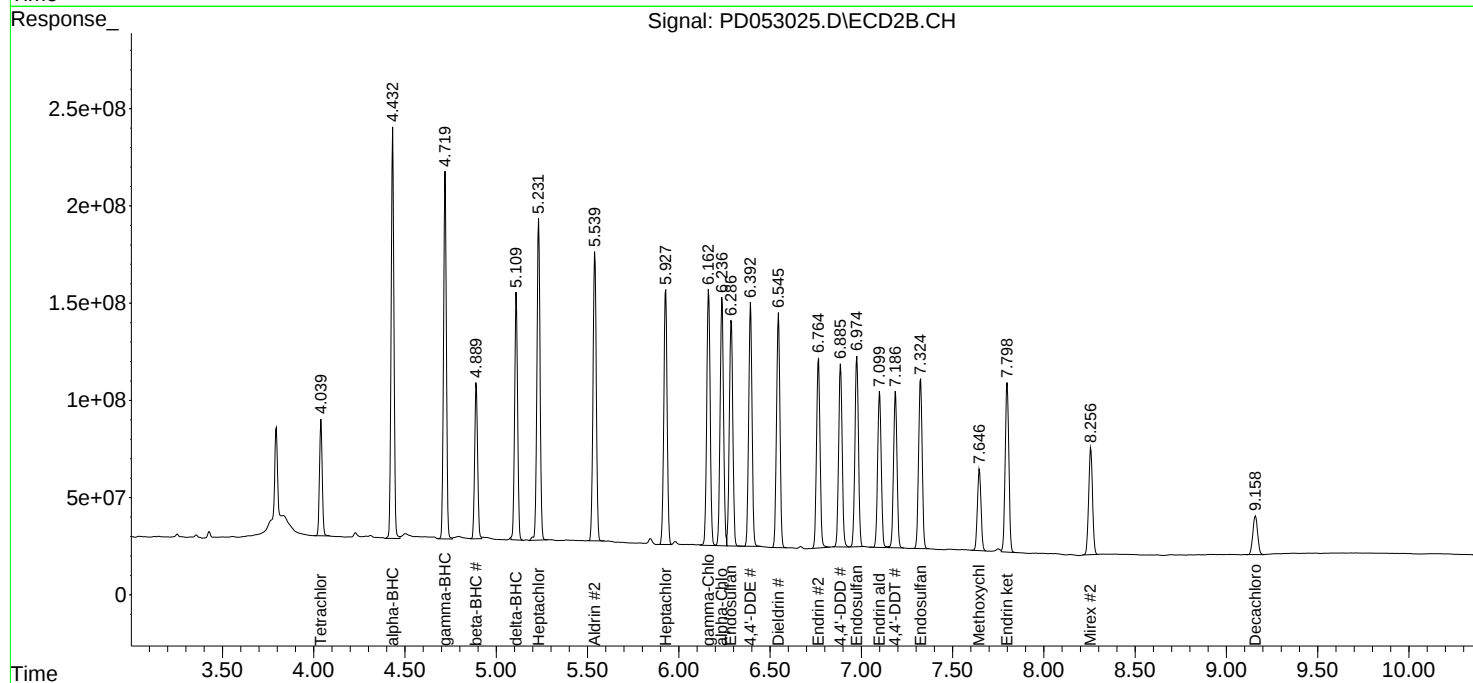
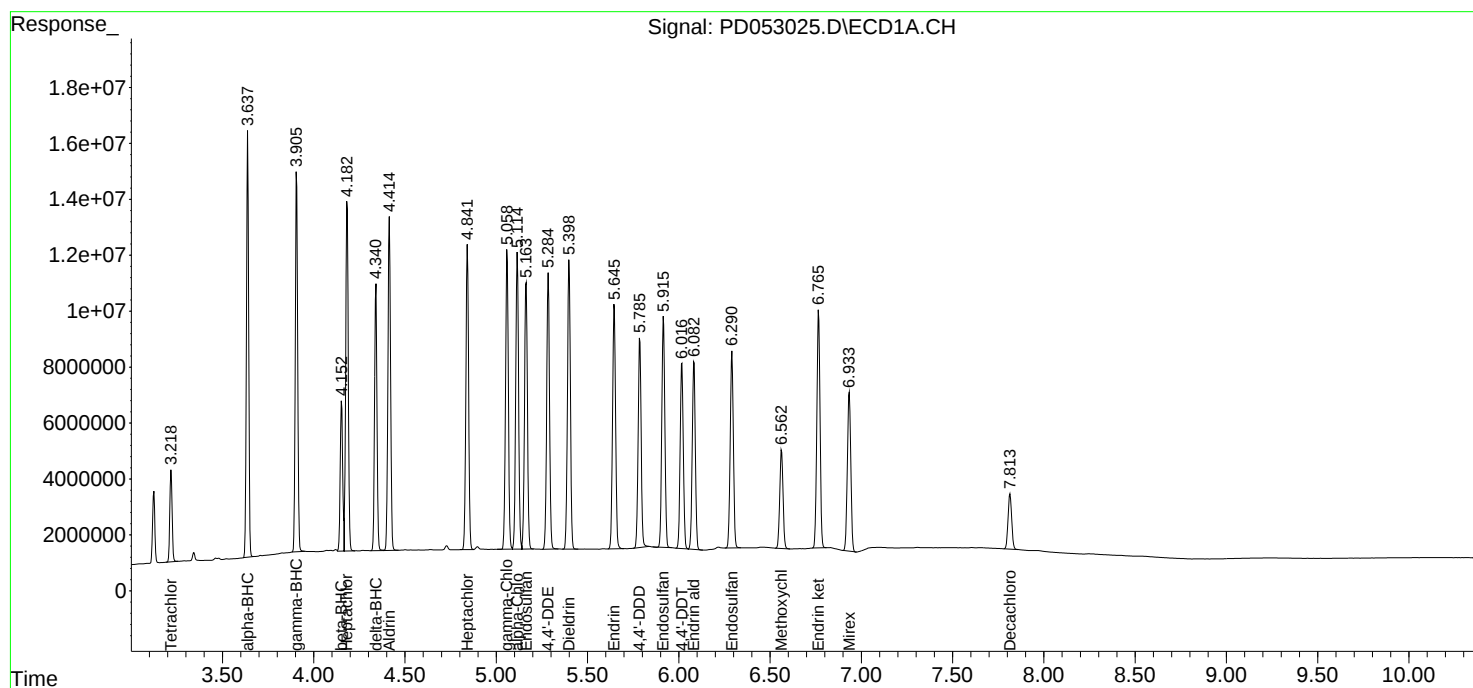
Instrument :
ECD_D
ClientSampleId :
EXCAVATION-NEWARK-SOUTH-PIL

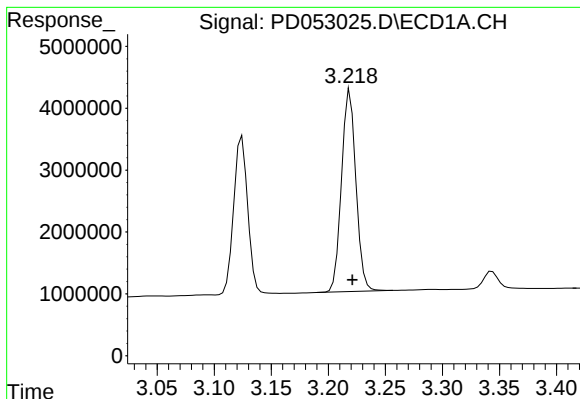
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 03:33:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45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





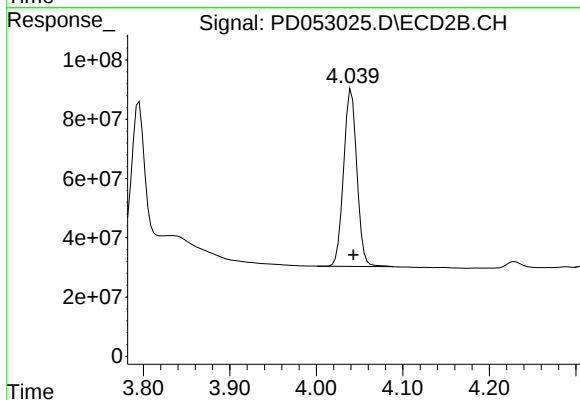
#1 Tetrachloro-m-xylene

R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 28699095
Conc: 20.57 ng/ml

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

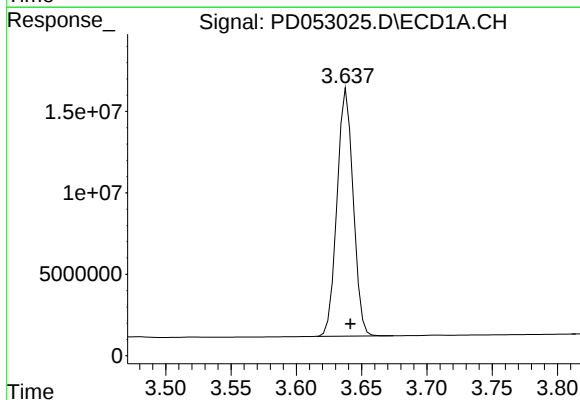
Manual Integrations
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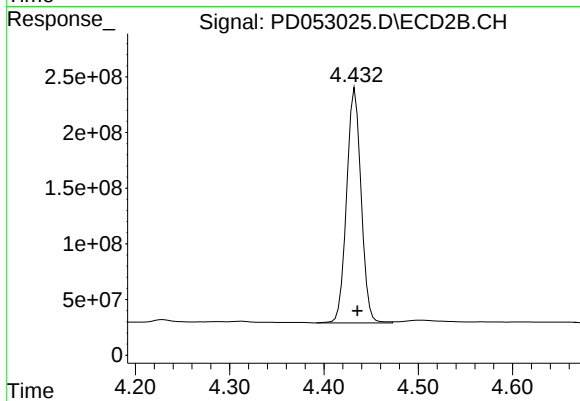
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 632327905
Conc: 21.82 ng/ml



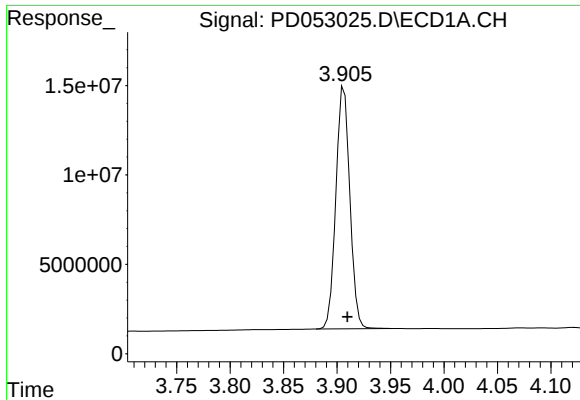
#2 alpha-BHC

R.T.: 3.639 min
Delta R.T.: -0.003 min
Response: 130947229
Conc: 57.61 ng/ml



#2 alpha-BHC

R.T.: 4.433 min
Delta R.T.: -0.003 min
Response: 2254908572
Conc: 50.10 ng/ml



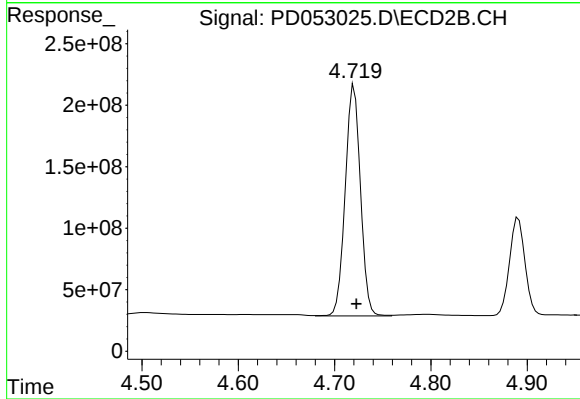
#3 gamma-BHC (Lindane)

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 123294857
Conc: 56.39 ng/ml

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

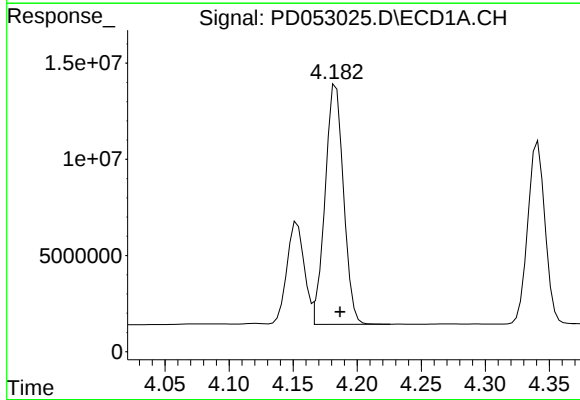
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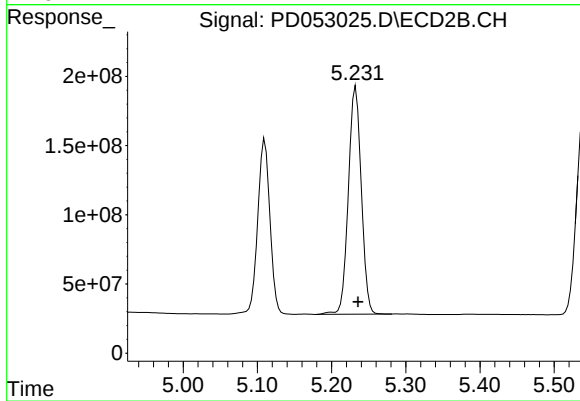
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 2051771766
Conc: 51.00 ng/ml



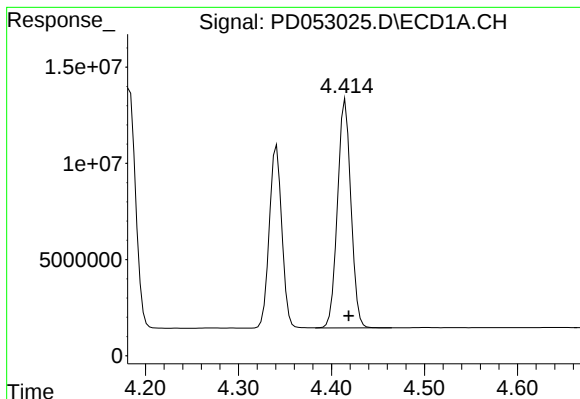
#4 Heptachlor

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 124966284
Conc: 58.86 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 1987455570
Conc: 50.09 ng/ml



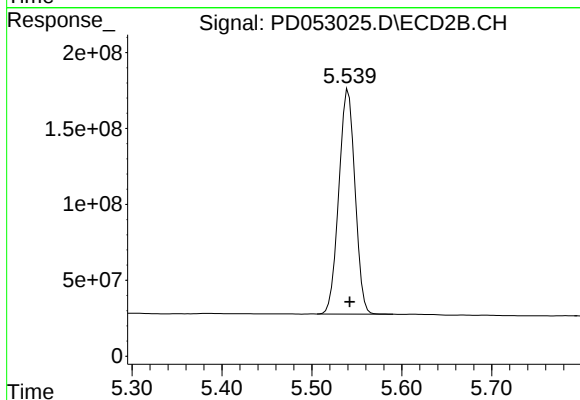
#5 Aldrin

R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 119329196
Conc: 59.26 ng/ml

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

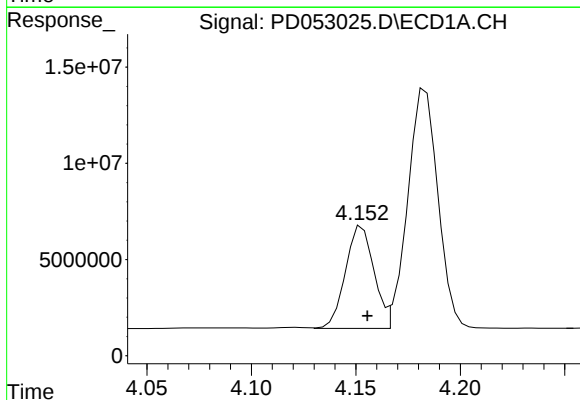
Manual Integrations
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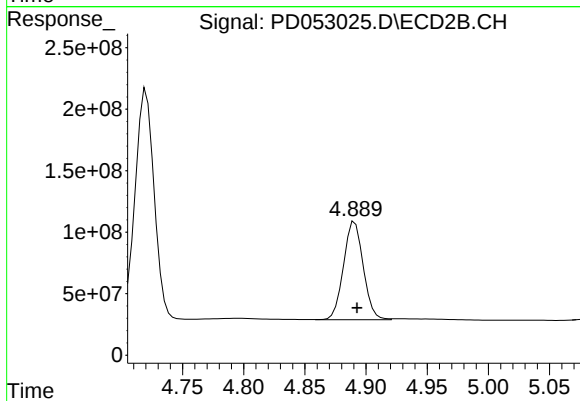
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 1849649347
Conc: 49.95 ng/ml



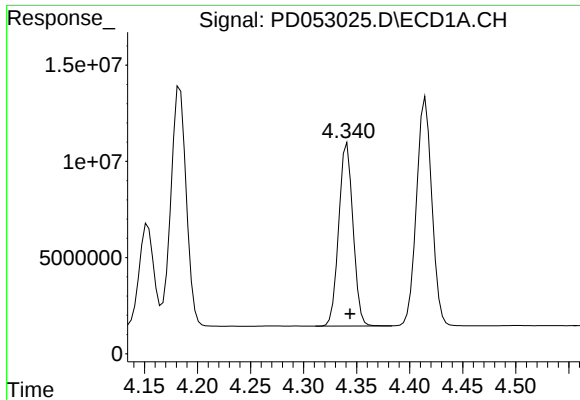
#6 beta-BHC

R.T.: 4.153 min
Delta R.T.: -0.002 min
Response: 50367409
Conc: 57.07 ng/ml



#6 beta-BHC

R.T.: 4.889 min
Delta R.T.: -0.003 min
Response: 895126234
Conc: 49.47 ng/ml m



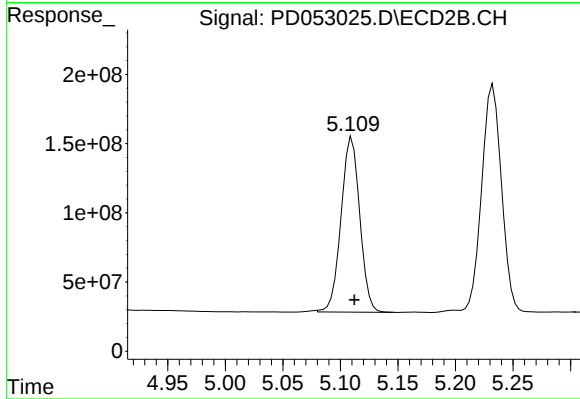
#7 delta-BHC

R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 88903489
Conc: 43.59 ng/ml

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

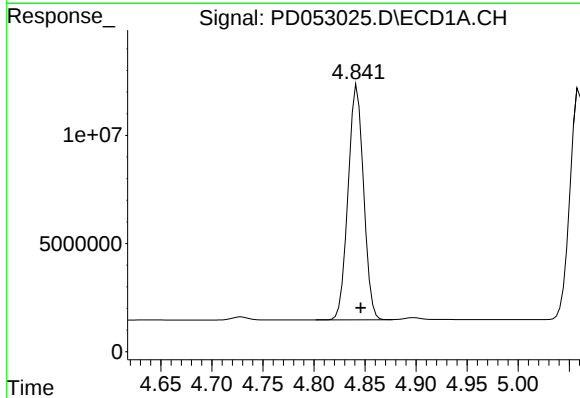
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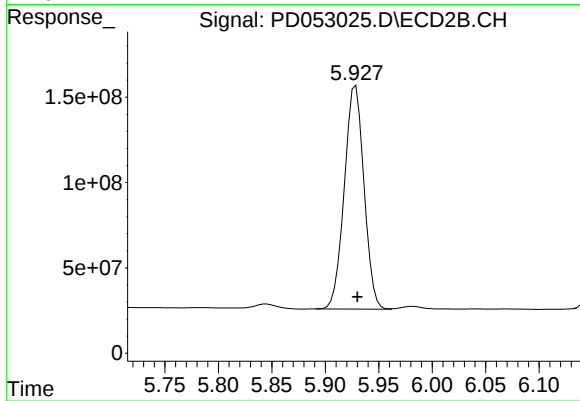
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 1434268398
Conc: 43.59 ng/ml m



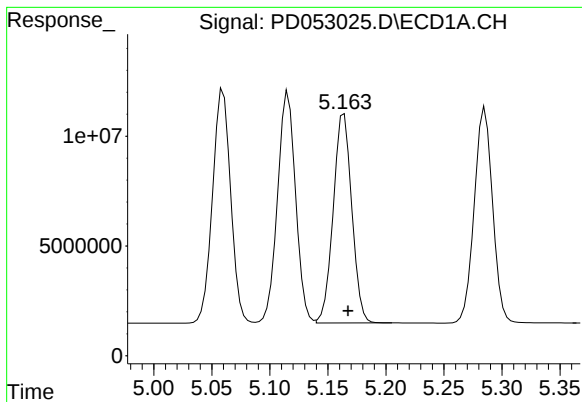
#8 Heptachlor epoxide

R.T.: 4.842 min
Delta R.T.: -0.003 min
Response: 114617278
Conc: 60.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 1677327075
Conc: 51.96 ng/ml



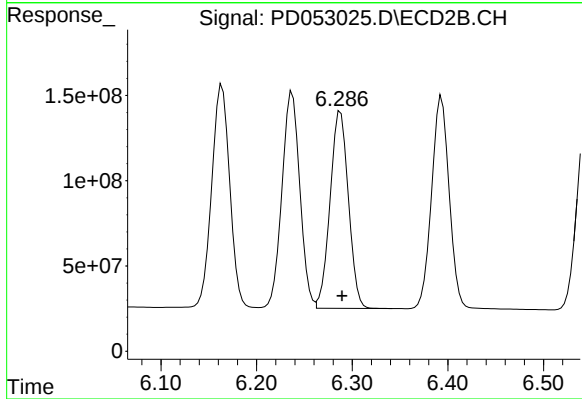
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 106106765
Conc: 59.37 ng/ml

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

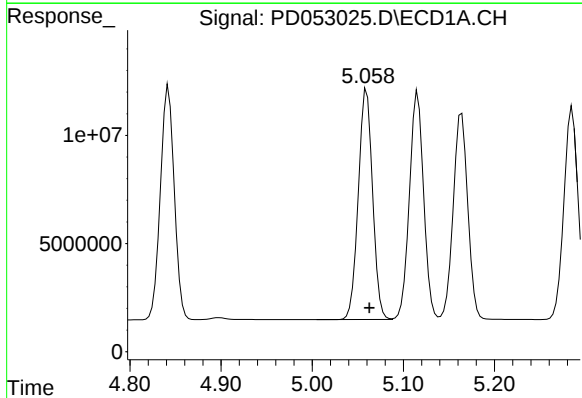
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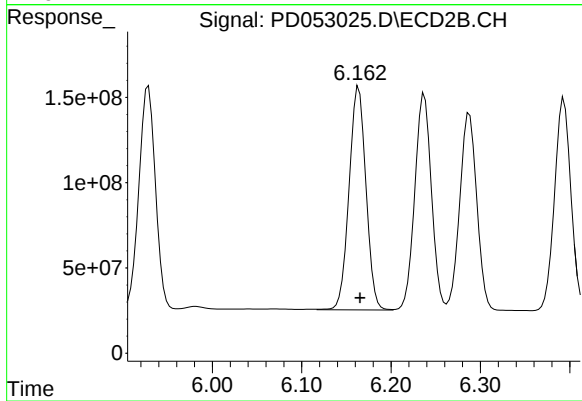
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 1535713203
Conc: 52.57 ng/ml



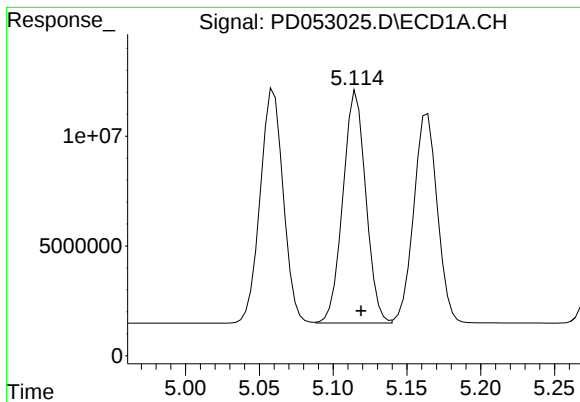
#10 gamma-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.003 min
Response: 115908251
Conc: 59.44 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 1719622314
Conc: 53.75 ng/ml



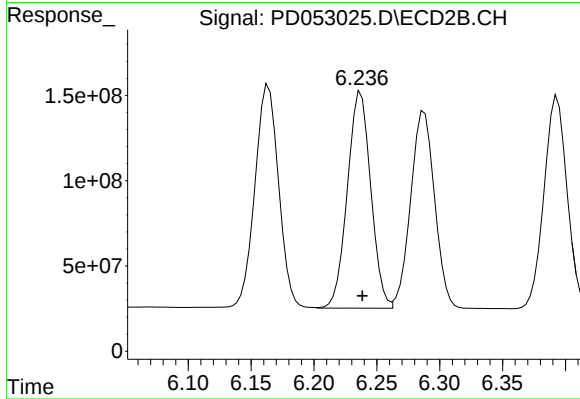
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 114169059
Conc: 59.15 ng/ml

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

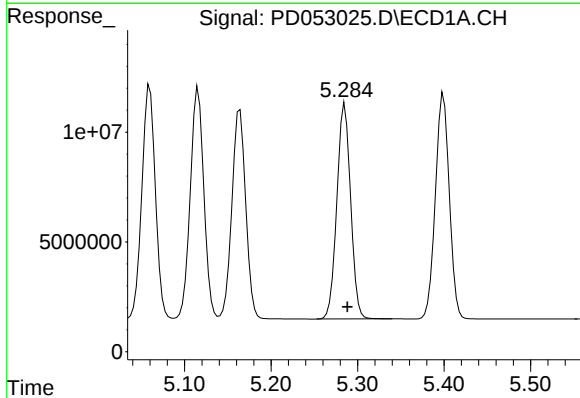
Manual Integrations
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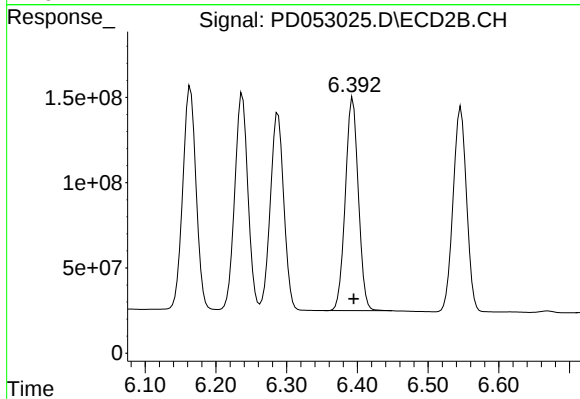
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 1648021623
Conc: 52.50 ng/ml



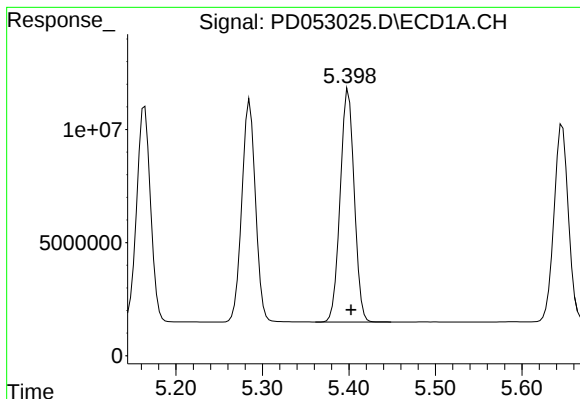
#12 4,4'-DDE

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 107782928
Conc: 57.80 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 1598887426
Conc: 52.37 ng/ml



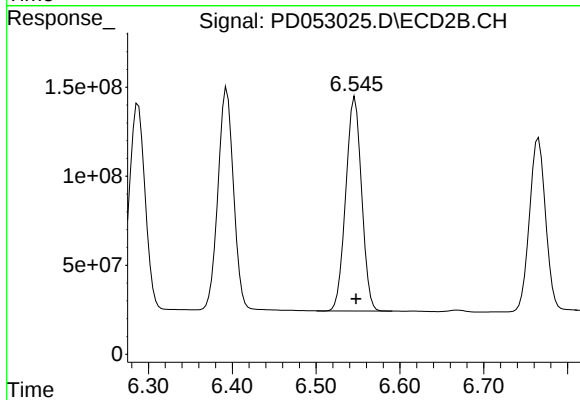
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: -0.003 min
Response: 115199451
Conc: 59.58 ng/ml

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

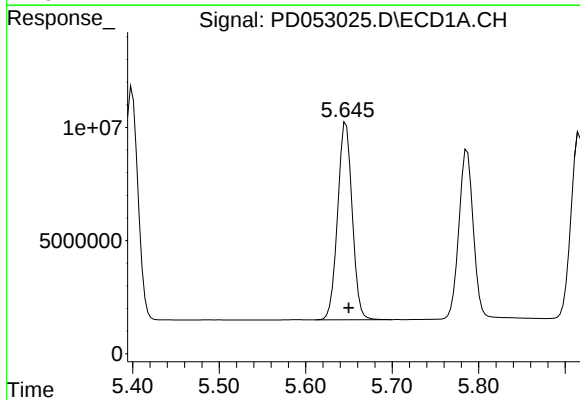
Manual Integrations
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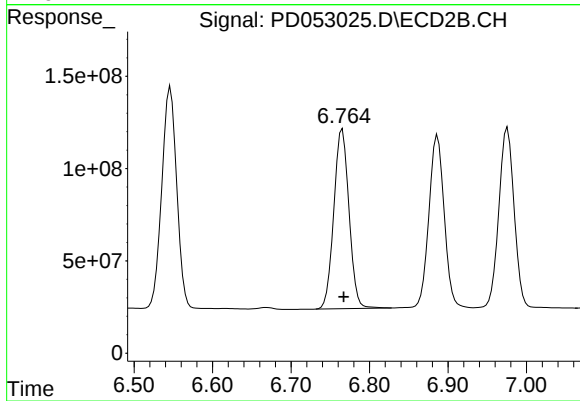
#13 Dieldrin

R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 1583119463
Conc: 52.93 ng/ml



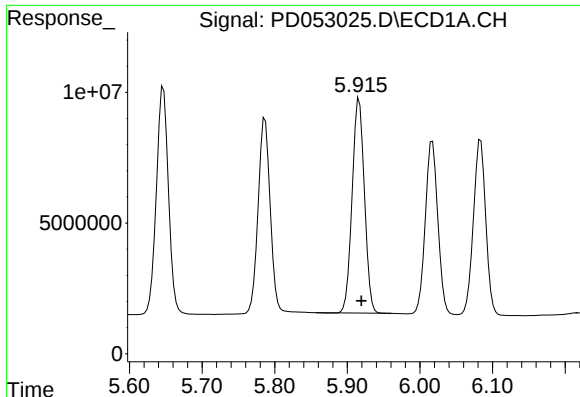
#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 101260404
Conc: 54.99 ng/ml



#14 Endrin

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 1309800142
Conc: 52.27 ng/ml



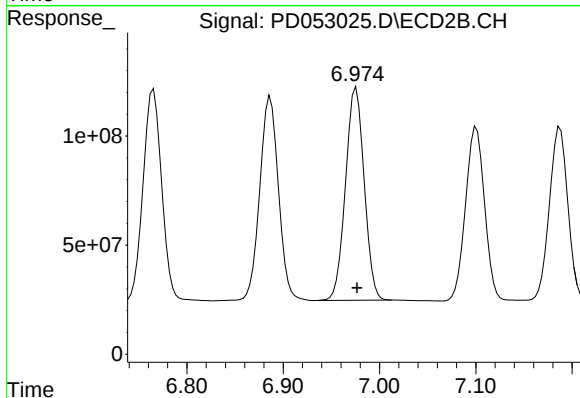
#15 Endosulfan II

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 96578255
Conc: 56.27 ng/ml

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

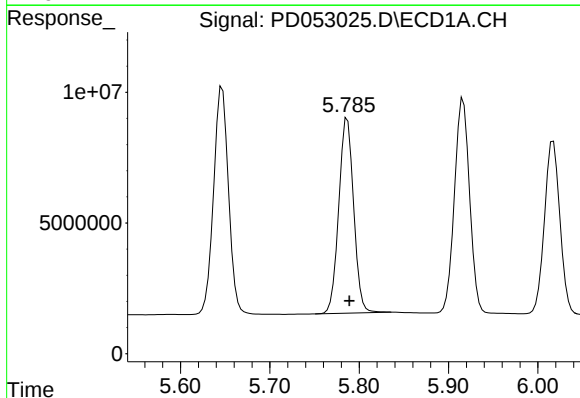
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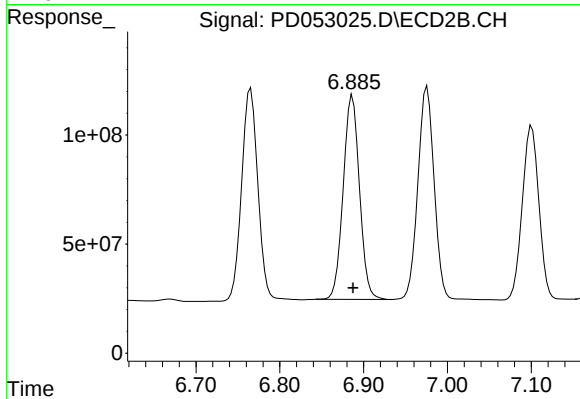
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 1309527209
Conc: 52.55 ng/ml



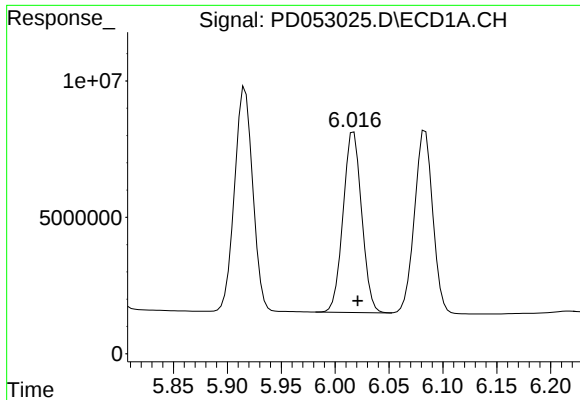
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 86369688
Conc: 56.51 ng/ml



#16 4,4'-DDD

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 1263897052
Conc: 52.85 ng/ml



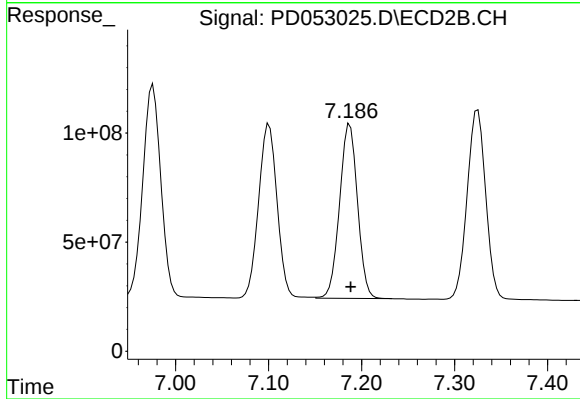
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 79589817
Conc: 55.32 ng/ml

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

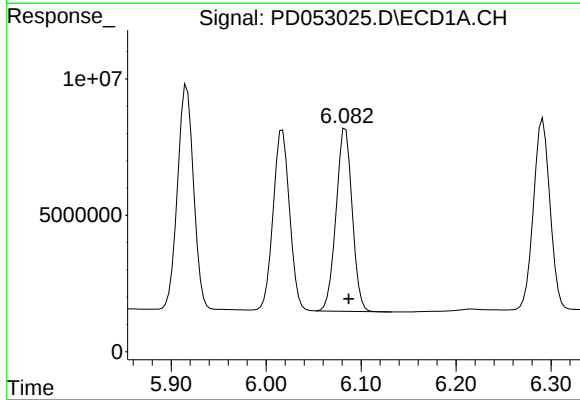
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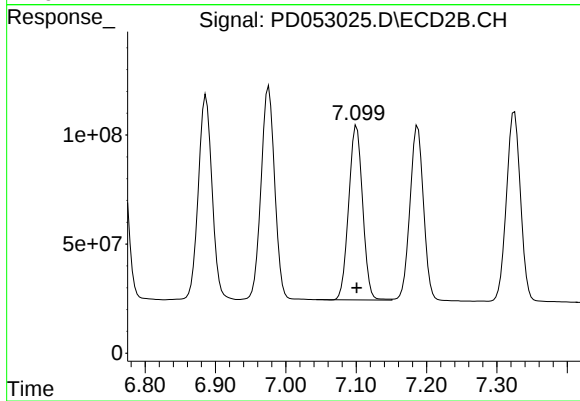
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 1072162127
Conc: 57.54 ng/ml



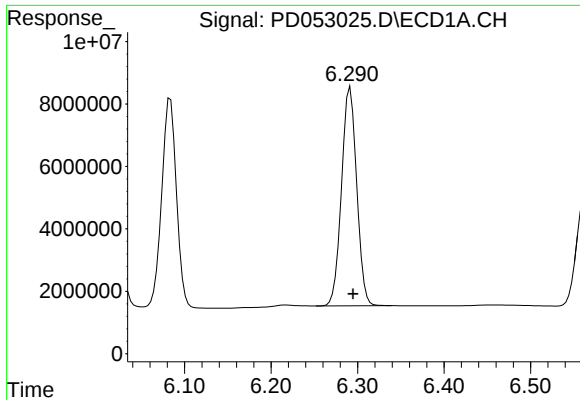
#18 Endrin aldehyde

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 79247788
Conc: 55.28 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 1103282739
Conc: 53.60 ng/ml



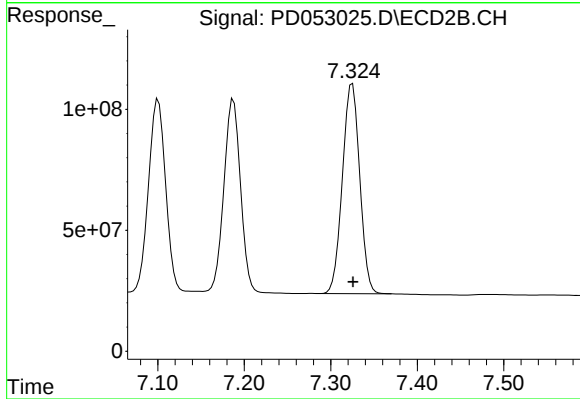
#19 Endosulfan Sulfate

R.T.: 6.291 min
Delta R.T.: -0.003 min
Response: 84748331
Conc: 55.27 ng/ml

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

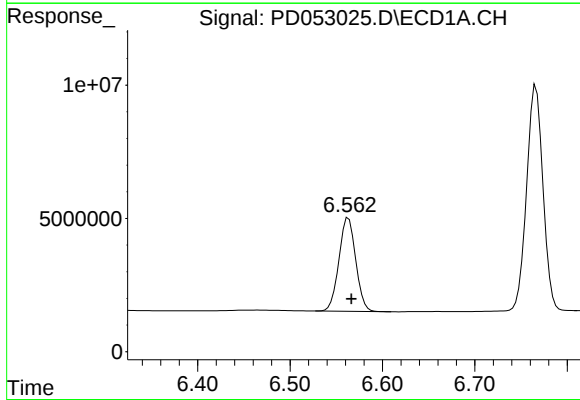
Manual Integrations
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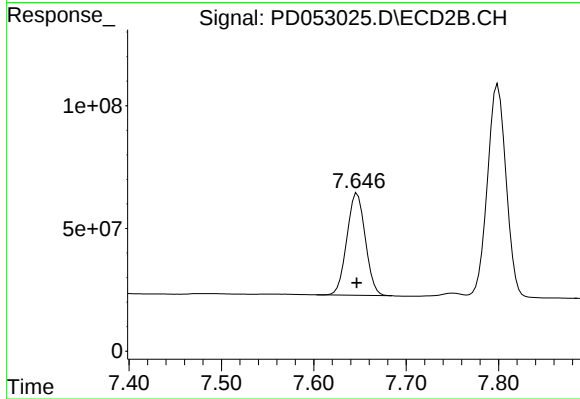
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1202235176
Conc: 54.65 ng/ml



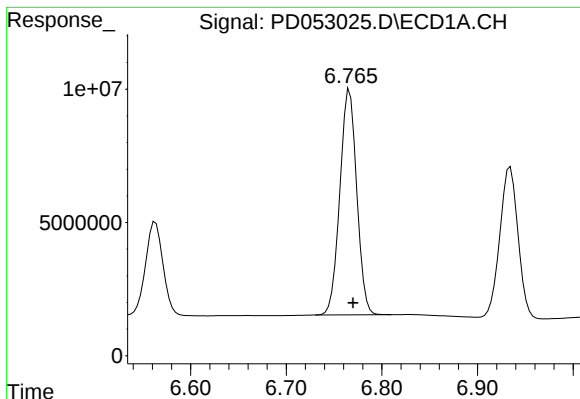
#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 44379477
Conc: 52.53 ng/ml



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 577225434
Conc: 57.70 ng/ml



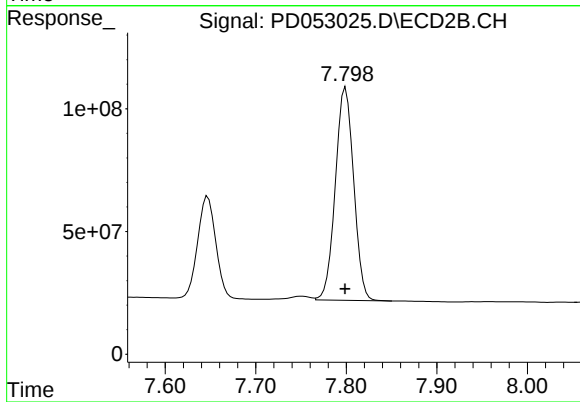
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 103969727
Conc: 57.16 ng/ml

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

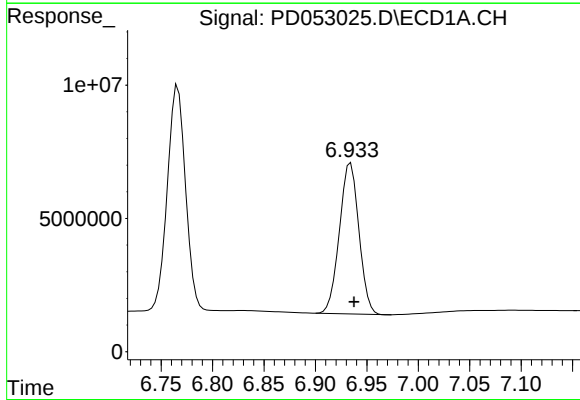
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:39 PM



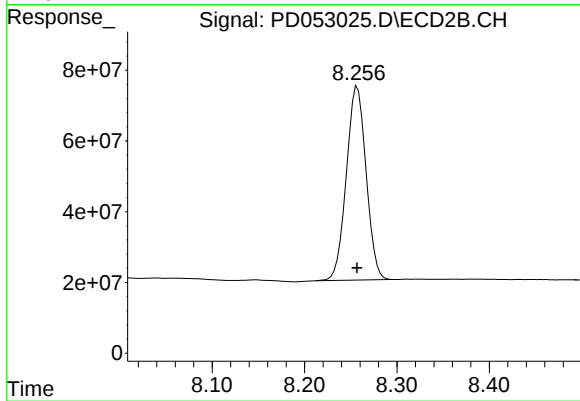
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 1221359179
Conc: 59.61 ng/ml



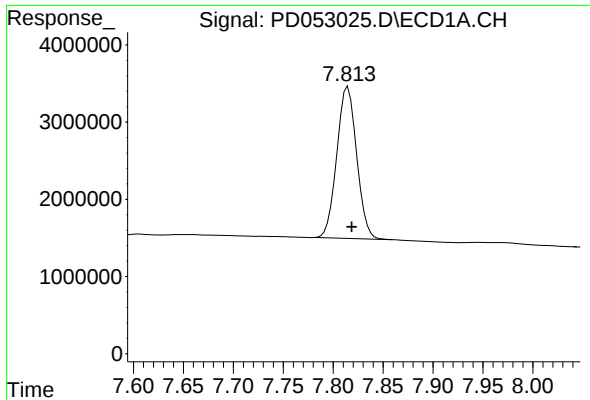
#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 74590609
Conc: 60.89 ng/ml



#22 Mirex

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 813683329
Conc: 63.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.815 min

Delta R.T.: -0.004 min

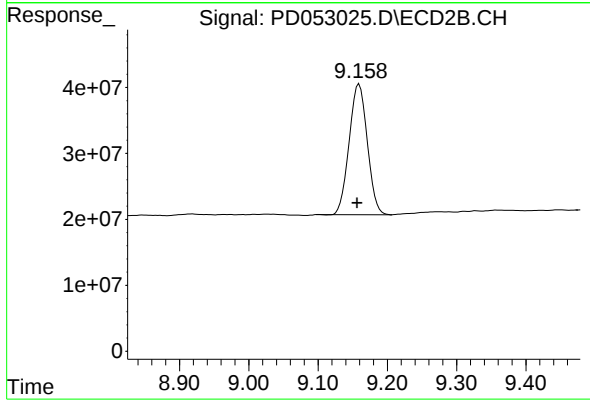
Response: 27169580

Conc: 20.39 ng/ml

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

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#28 Decachlorobiphenyl

R.T.: 9.159 min

Delta R.T.: 0.003 min

Response: 361587764

Conc: 23.25 ng/ml