

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD D\Data\PD081318\
 Data File : PD048887.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2018 20:53
 Operator : AJ\SJ
 Sample : J4405-04MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EXCAVATION-SOILMS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 06:48:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 01 04:28:20 2018
 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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.372	3.969	27890985	371.0E6	25.158	27.636
28) SA Decachlor...	8.067	8.996	32596379	353.4E6	23.278m	23.399
Target Compounds						
2) A alpha-BHC	3.801	4.349	105.8E6	1347.1E6	55.218m	59.268
3) MA gamma-BHC...	4.079	4.630	97708159	1200.1E6	53.865m	58.035
4) MA Heptachlor	4.369	5.143	92565097	1183.3E6	54.715	62.832
5) MB Aldrin	4.610	5.447	92250856	1175.3E6	56.665	57.463
6) B beta-BHC	4.329	4.790	39730804	487.4E6	55.669	58.531
7) B delta-BHC	4.527	5.007	98353865	1172.9E6	55.449	62.603
8) B Heptachlo...	5.050	5.827	83863951	1062.4E6	54.704	61.170
9) A Endosulfan I	5.383	6.181	76758860	955.1E6	53.859	56.796
10) B gamma-Chl...	5.272	6.060	84472761	1083.5E6	54.474	58.263
11) B alpha-Chl...	5.330	6.134	81962325	1029.5E6	54.157	57.215
12) B 4,4'-DDE	5.498	6.287	83900934	917.3E6	53.778	57.817
13) MA Dieldrin	5.624	6.435	88878363	1061.4E6	54.160	56.613
14) MA Endrin	5.880	6.651	80888566	905.2E6	50.658	55.810
15) B Endosulfa...	6.152	6.852	75283644	838.9E6	52.235	52.696
16) A 4,4'-DDD	6.011	6.769	76028009	732.5E6	54.221	57.755
17) MA 4,4'-DDT	6.248	7.068	70982781	673.4E6	50.077	52.378
18) B Endrin al...	6.322	6.975	66000030	698.1E6	55.116	52.505
19) B Endosulfa...	6.531	7.198	69316002	797.1E6	52.372m	50.863
20) A Methoxychlor	6.796	7.521	37248950	318.3E6	47.820m	52.758
21) B Endrin ke...	7.021	7.663	92195961	766.4E6	54.159	50.621

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\
Data File : PD048887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2018 20:53
Operator : AJ\SJ
Sample : J4405-04MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

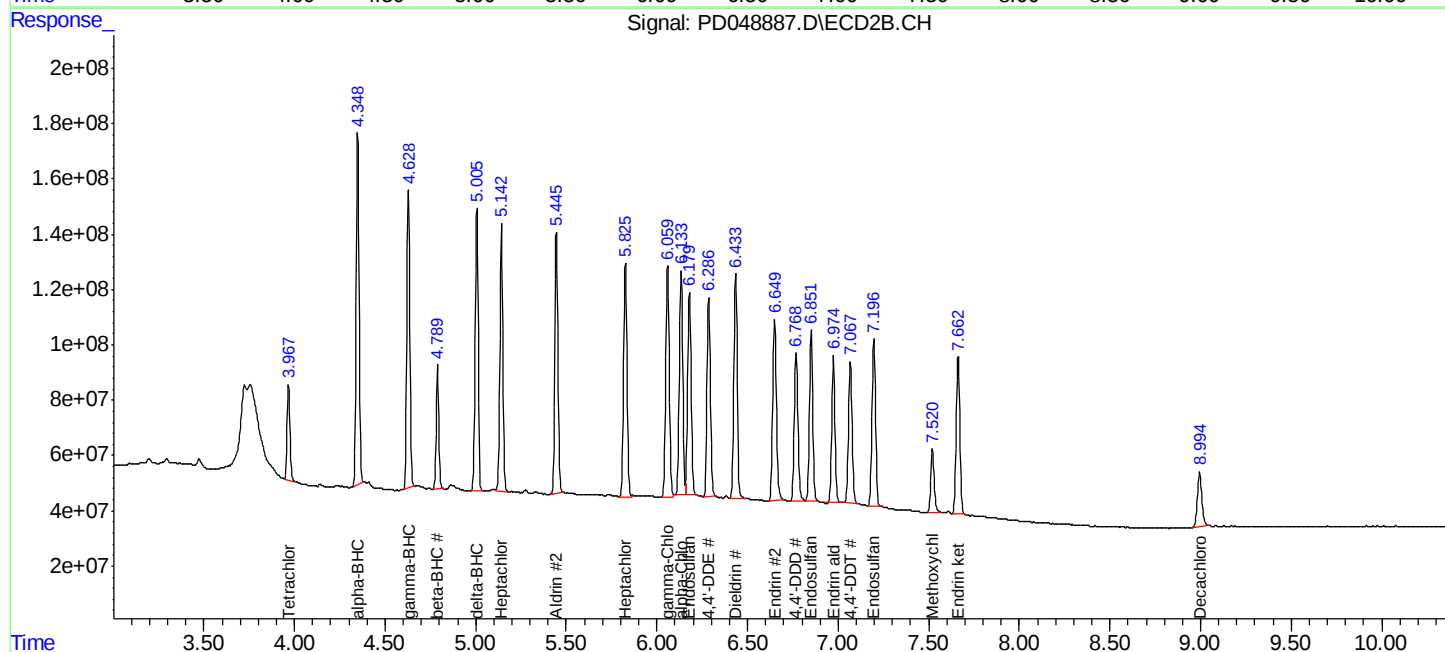
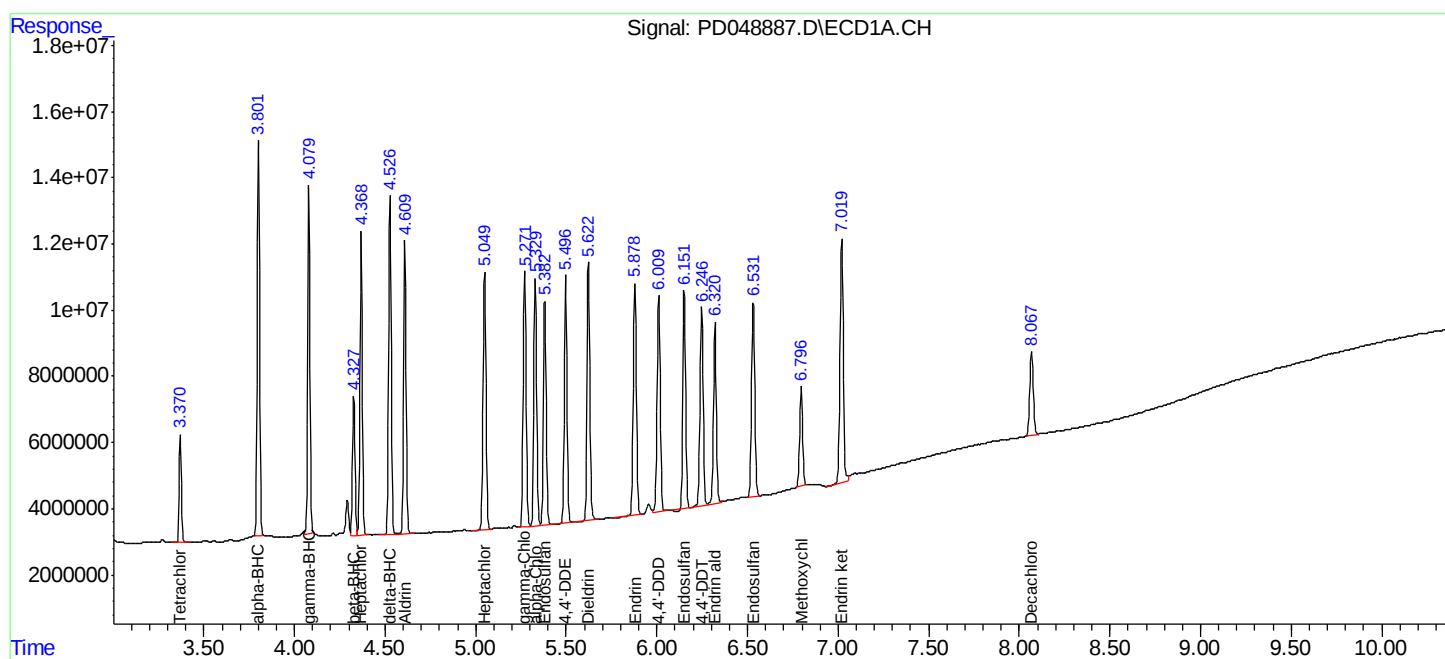
Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

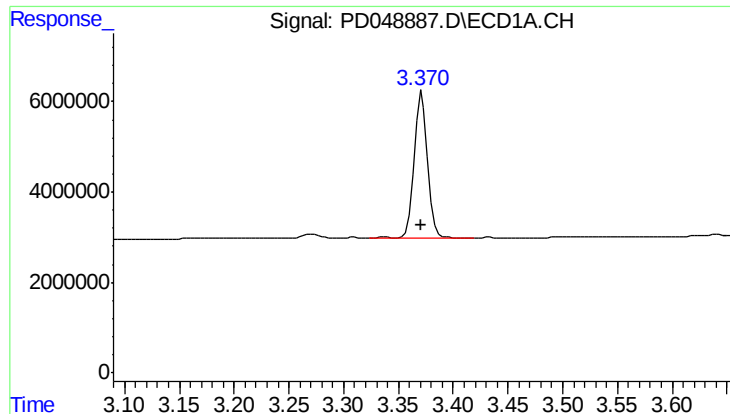
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 06:48:24 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073118.M
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QLast Update : Wed Aug 01 04:28:20 2018
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Volume Ini. : 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





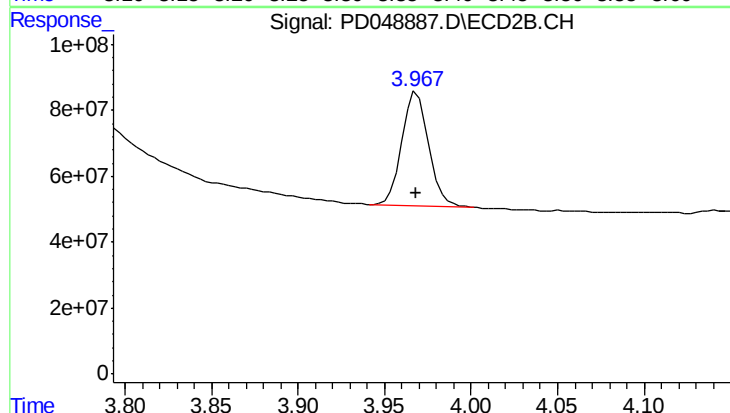
#1 Tetrachloro-m-xylene

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 27890985
Conc: 25.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

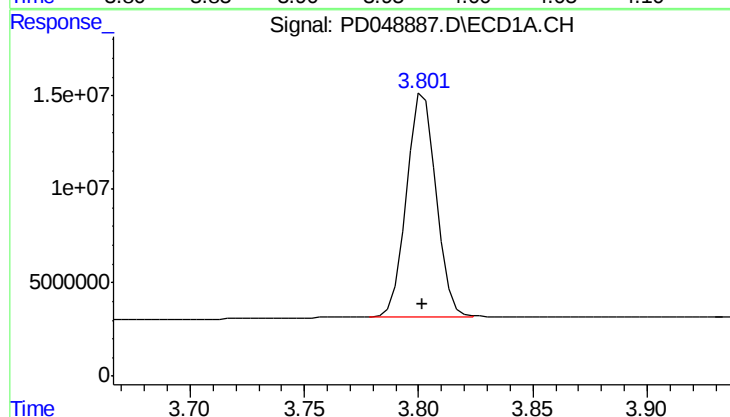
Manual Integrations
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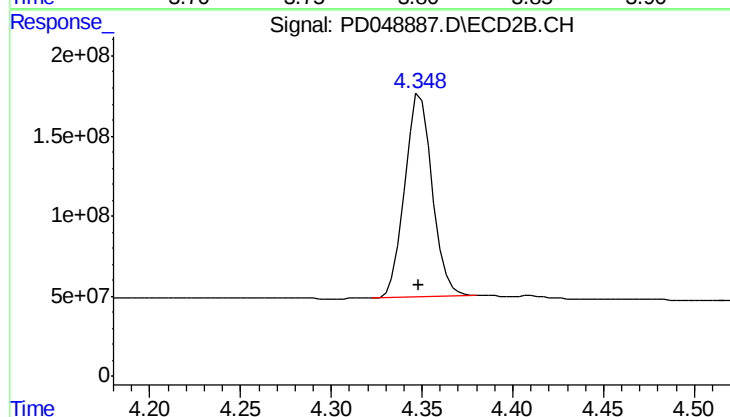
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 370985228
Conc: 27.64 ng/ml



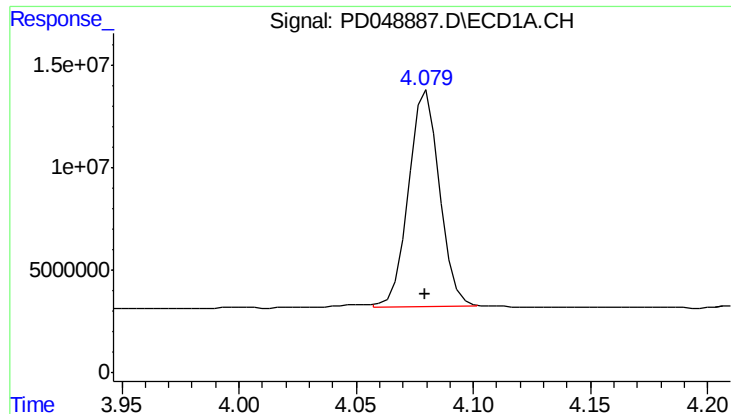
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 105794621
Conc: 55.22 ng/ml m



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1347144408
Conc: 59.27 ng/ml



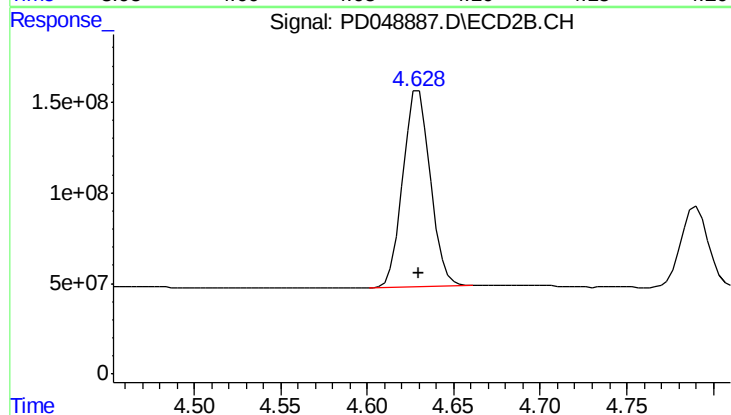
#3 gamma-BHC (Lindane)

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 97708159
Conc: 53.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

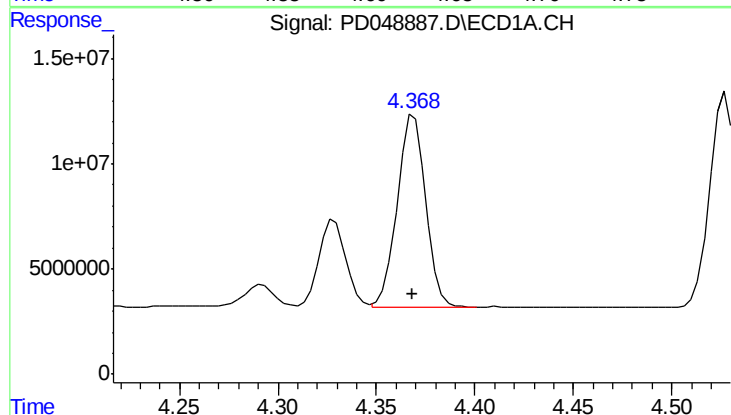
Manual Integrations
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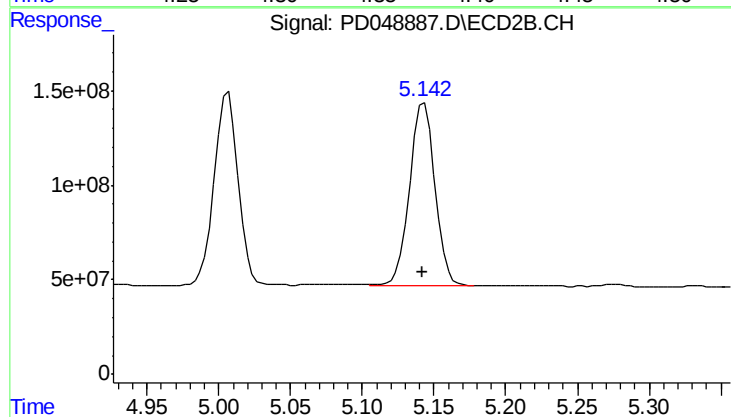
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 1200149978
Conc: 58.04 ng/ml



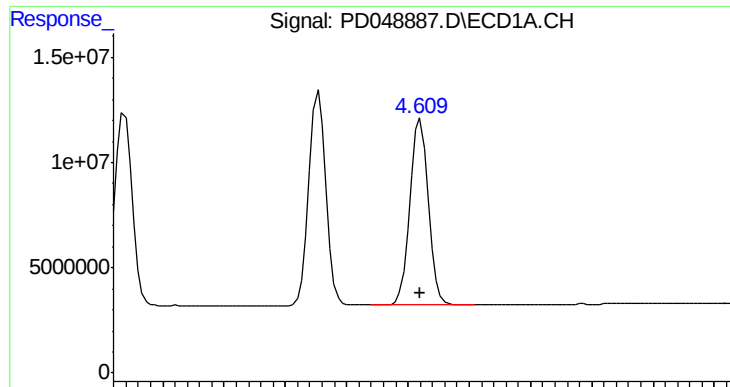
#4 Heptachlor

R.T.: 4.369 min
Delta R.T.: 0.001 min
Response: 92565097
Conc: 54.71 ng/ml



#4 Heptachlor

R.T.: 5.143 min
Delta R.T.: 0.001 min
Response: 1183319864
Conc: 62.83 ng/ml



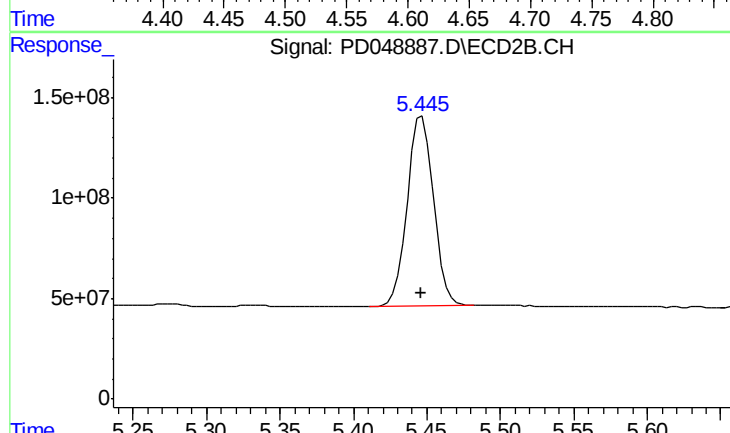
#5 Aldrin

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 92250856
Conc: 56.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

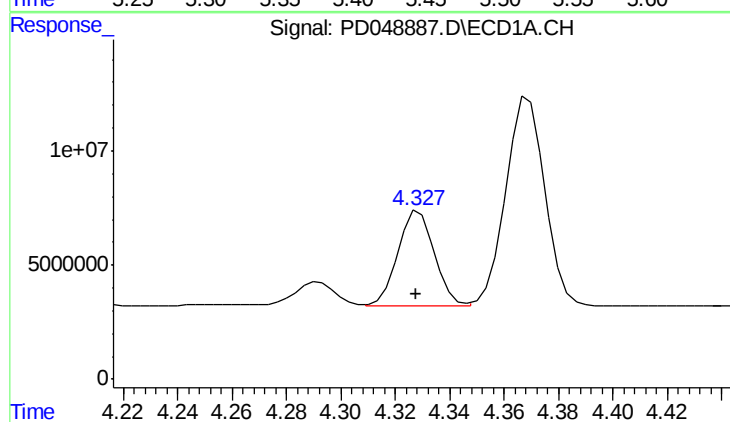
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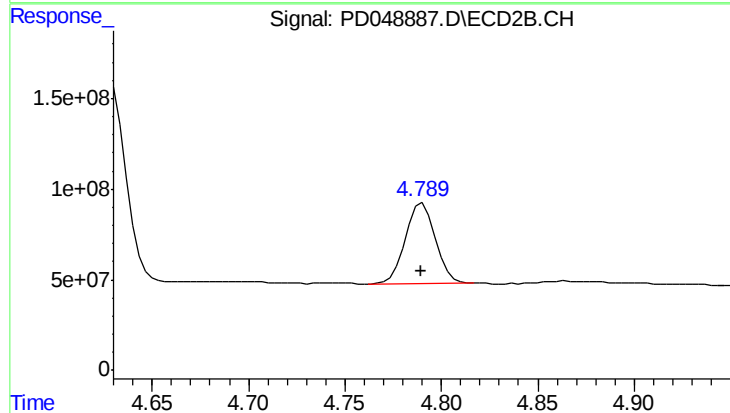
#5 Aldrin

R.T.: 5.447 min
Delta R.T.: 0.000 min
Response: 1175261596
Conc: 57.46 ng/ml



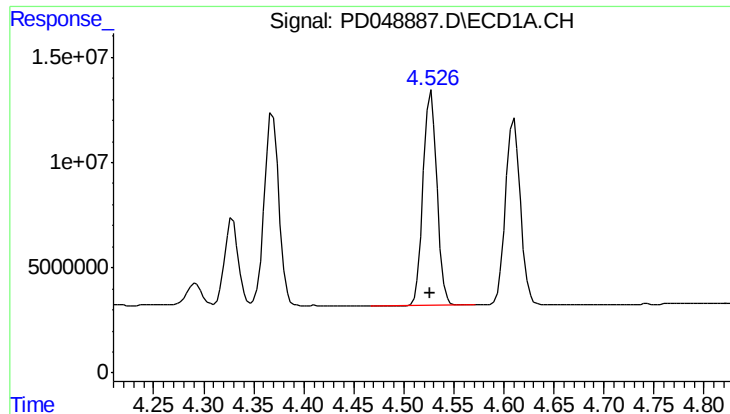
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 39730804
Conc: 55.67 ng/ml



#6 beta-BHC

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 487436049
Conc: 58.53 ng/ml



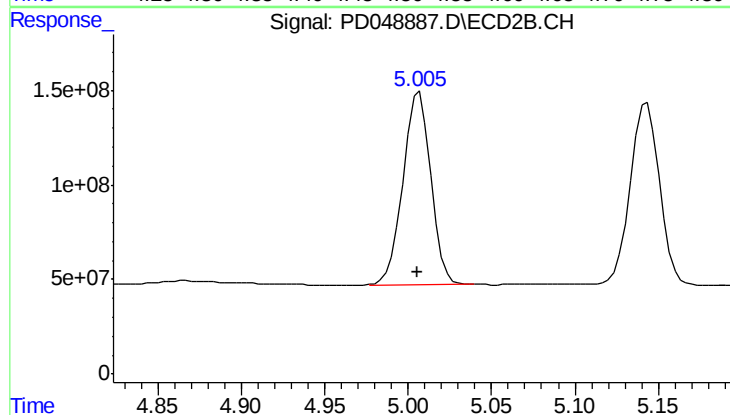
#7 delta-BHC

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 98353865
Conc: 55.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

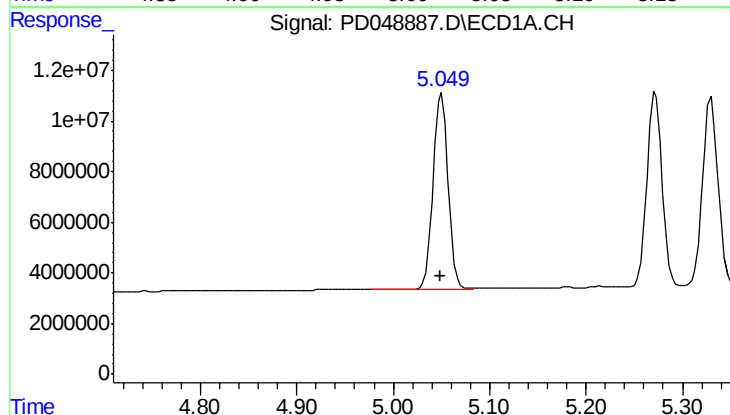
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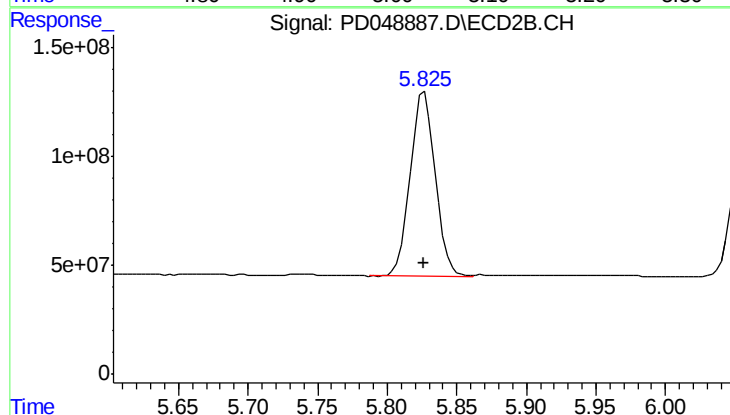
#7 delta-BHC

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 1172944431
Conc: 62.60 ng/ml



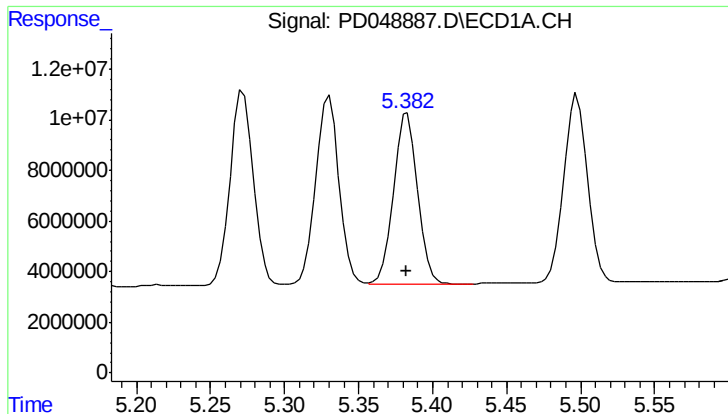
#8 Heptachlor epoxide

R.T.: 5.050 min
Delta R.T.: 0.001 min
Response: 83863951
Conc: 54.70 ng/ml



#8 Heptachlor epoxide

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 1062423056
Conc: 61.17 ng/ml



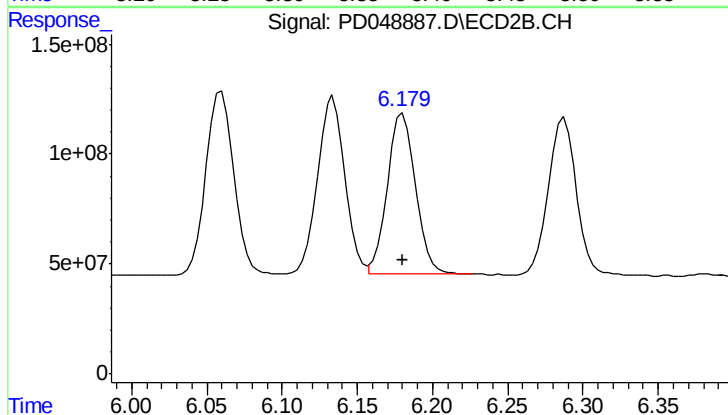
#9 Endosulfan I

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 76758860
Conc: 53.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

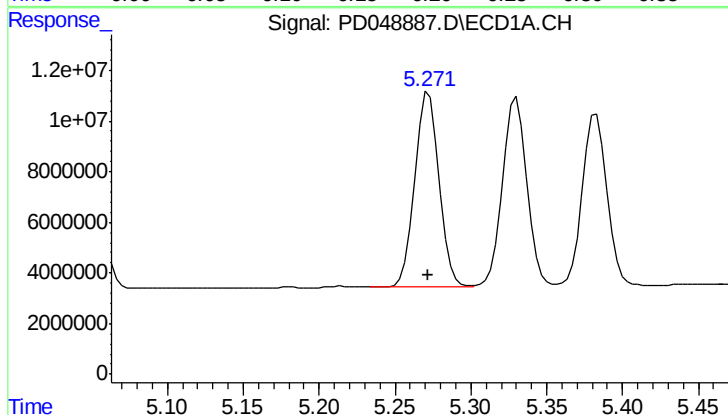
Manual Integrations
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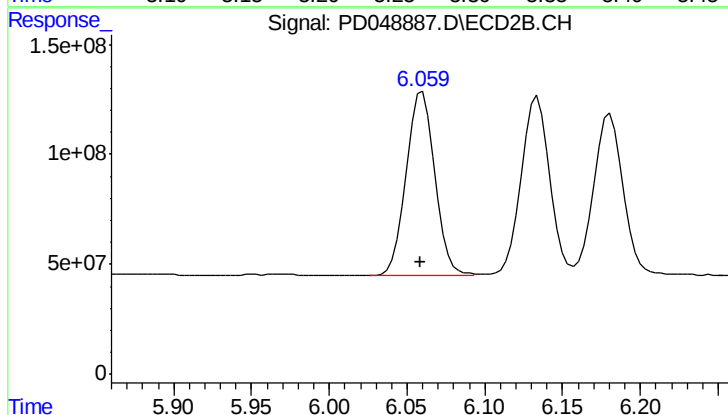
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 955080874
Conc: 56.80 ng/ml



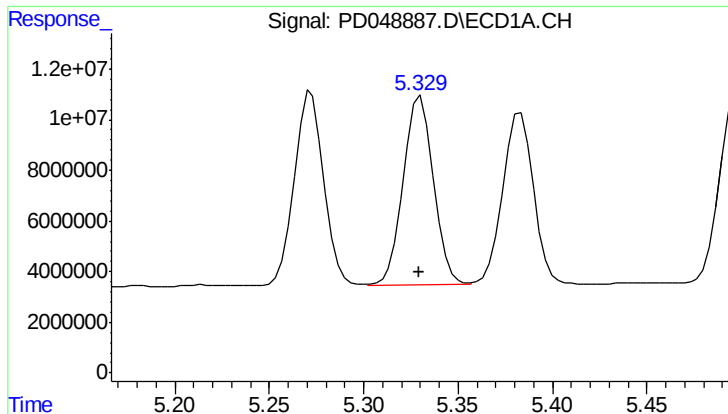
#10 gamma-Chlordane

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 84472761
Conc: 54.47 ng/ml



#10 gamma-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.001 min
Response: 1083477973
Conc: 58.26 ng/ml



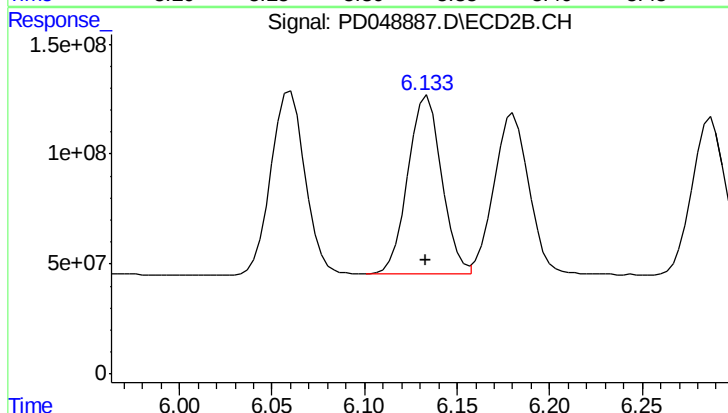
#11 alpha-Chlordane

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 81962325
Conc: 54.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

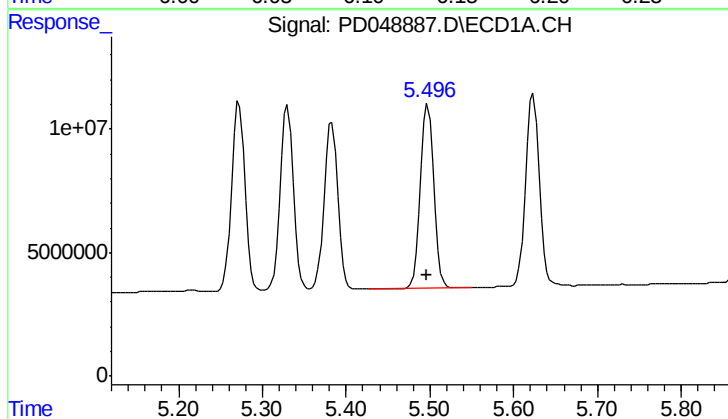
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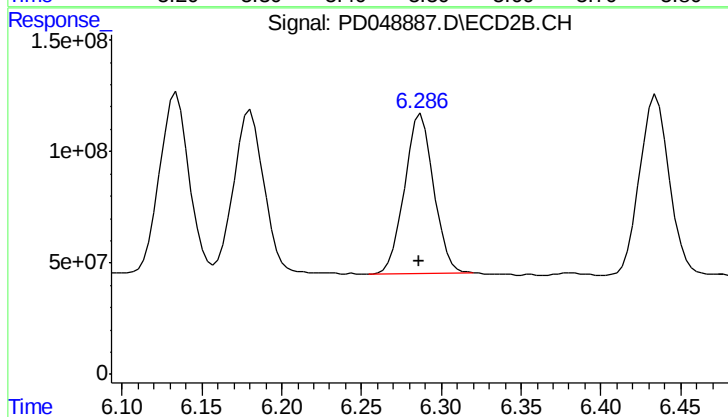
#11 alpha-Chlordane

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 1029470140
Conc: 57.21 ng/ml



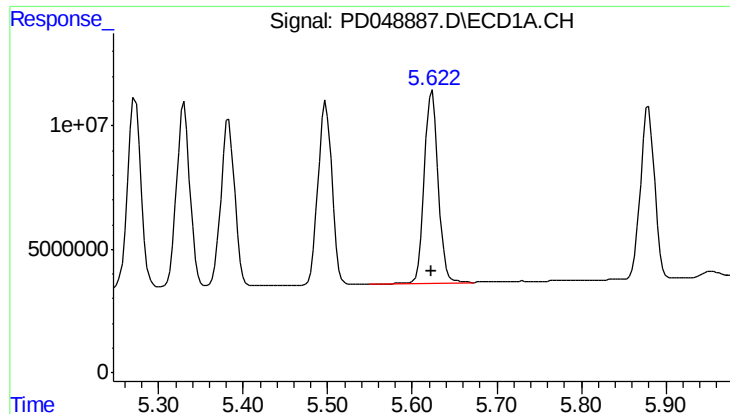
#12 4,4'-DDE

R.T.: 5.498 min
Delta R.T.: 0.001 min
Response: 83900934
Conc: 53.78 ng/ml



#12 4,4'-DDE

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 917263863
Conc: 57.82 ng/ml



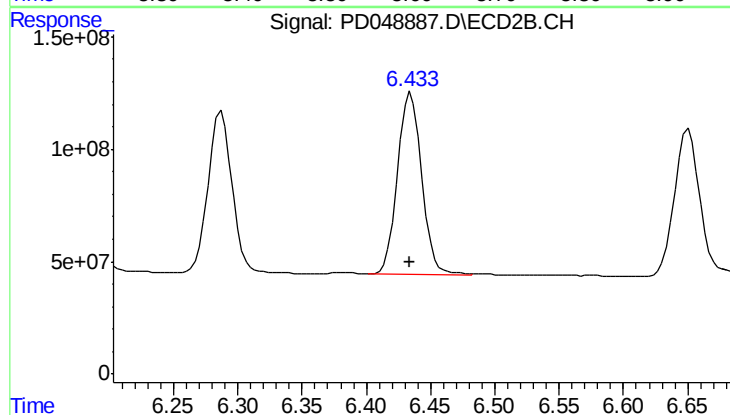
#13 Dielddrin

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 88878363
Conc: 54.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

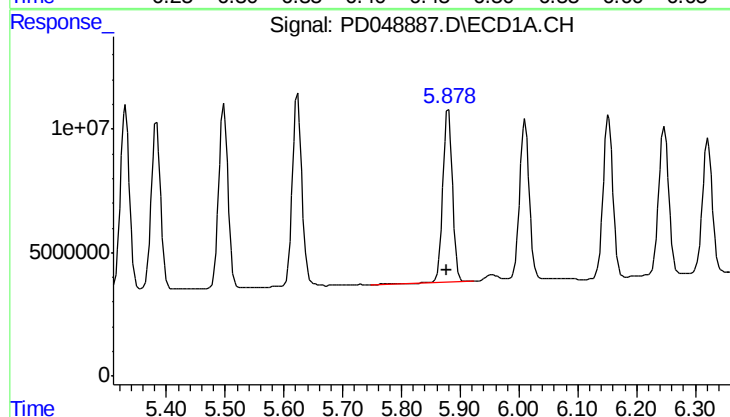
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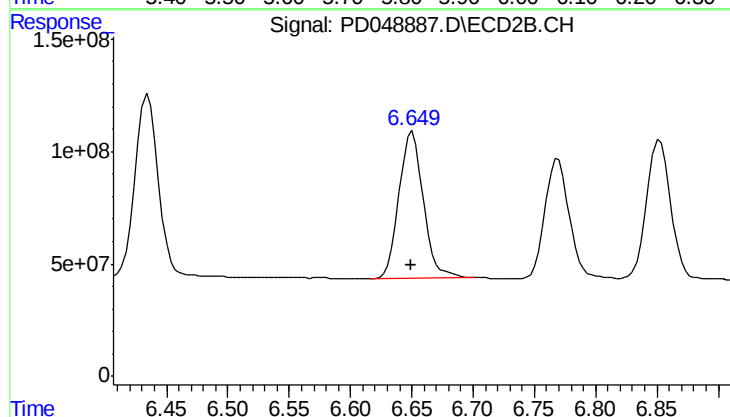
#13 Dielddrin

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 1061365593
Conc: 56.61 ng/ml



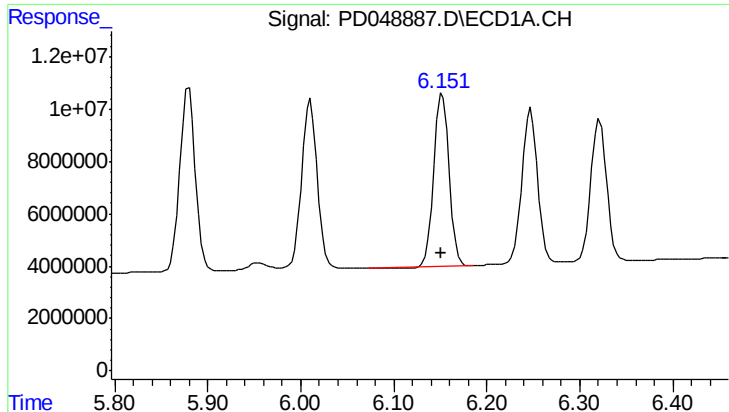
#14 Endrin

R.T.: 5.880 min
Delta R.T.: 0.002 min
Response: 80888566
Conc: 50.66 ng/ml



#14 Endrin

R.T.: 6.651 min
Delta R.T.: 0.001 min
Response: 905209534
Conc: 55.81 ng/ml



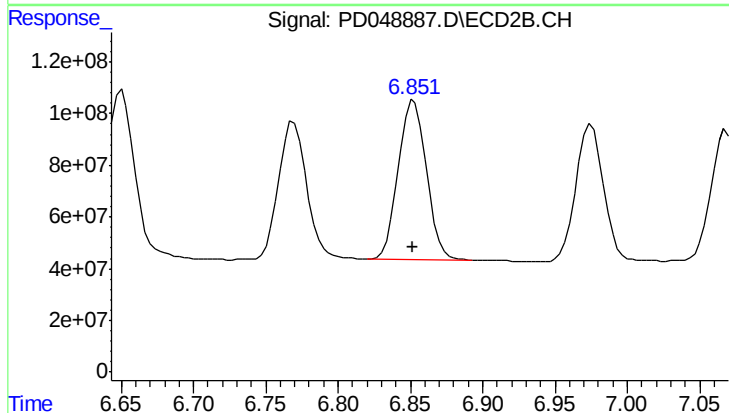
#15 Endosulfan II

R.T.: 6.152 min
Delta R.T.: 0.002 min
Response: 75283644
Conc: 52.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

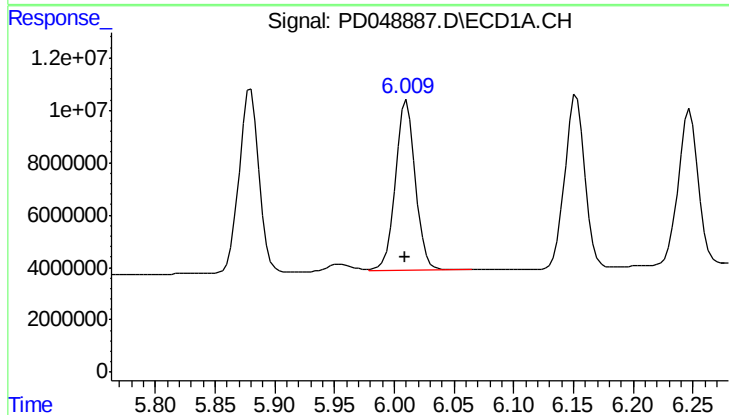
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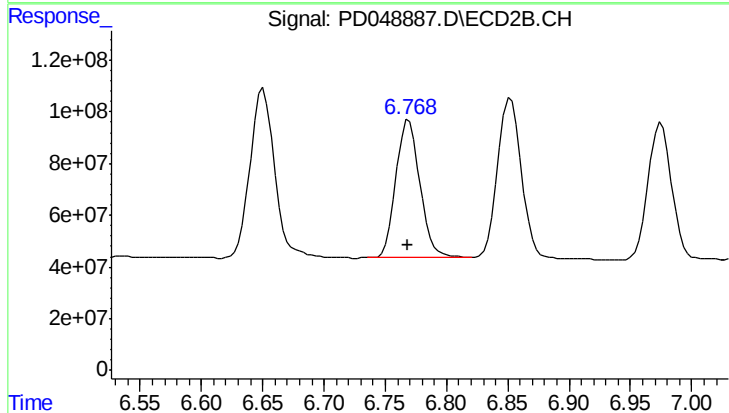
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: 0.001 min
Response: 838921275
Conc: 52.70 ng/ml



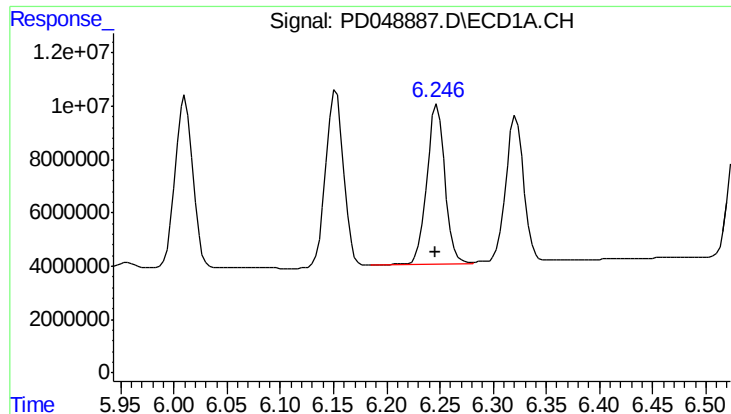
#16 4,4'-DDD

R.T.: 6.011 min
Delta R.T.: 0.001 min
Response: 76028009
Conc: 54.22 ng/ml



#16 4,4'-DDD

R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 732534999
Conc: 57.75 ng/ml



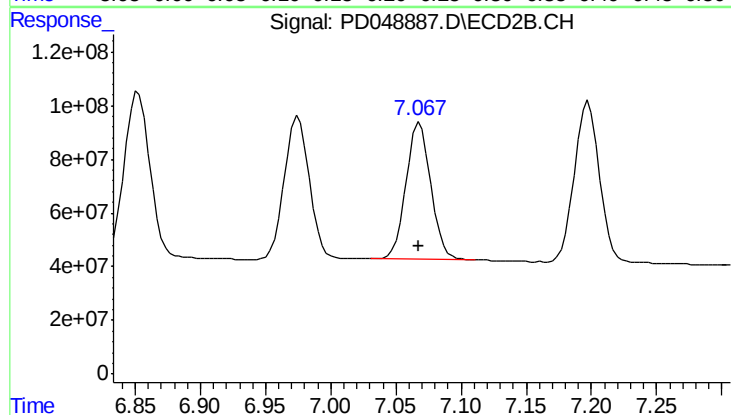
#17 4,4'-DDT

R.T.: 6.248 min
Delta R.T.: 0.002 min
Response: 70982781
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

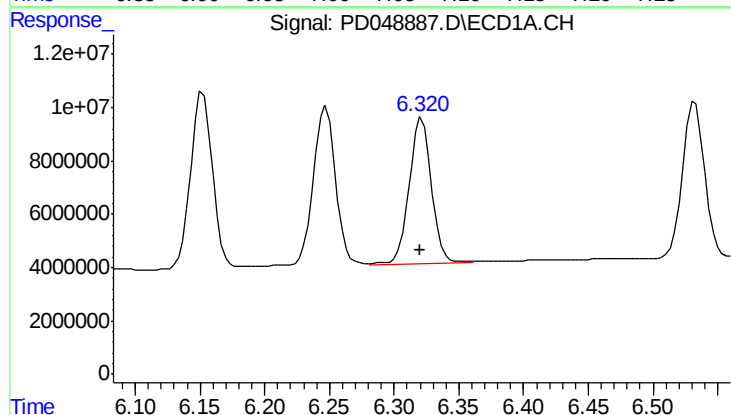
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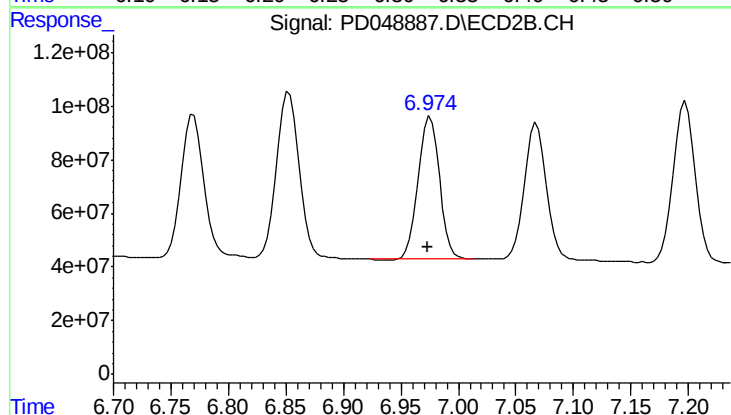
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 673385743
Conc: 52.38 ng/ml



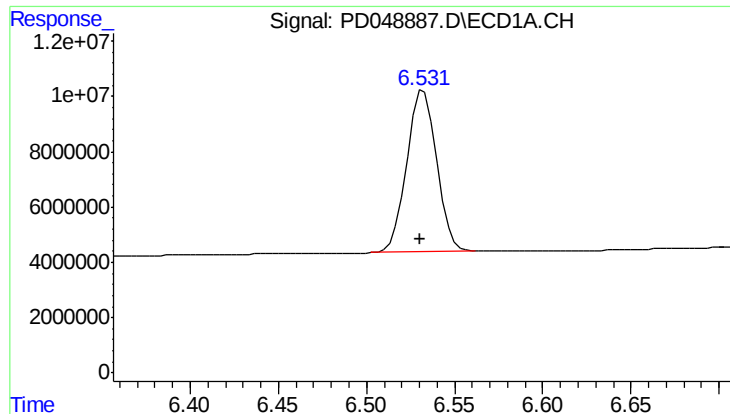
#18 Endrin aldehyde

R.T.: 6.322 min
Delta R.T.: 0.001 min
Response: 66000030
Conc: 55.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: 0.001 min
Response: 698072923
Conc: 52.51 ng/ml



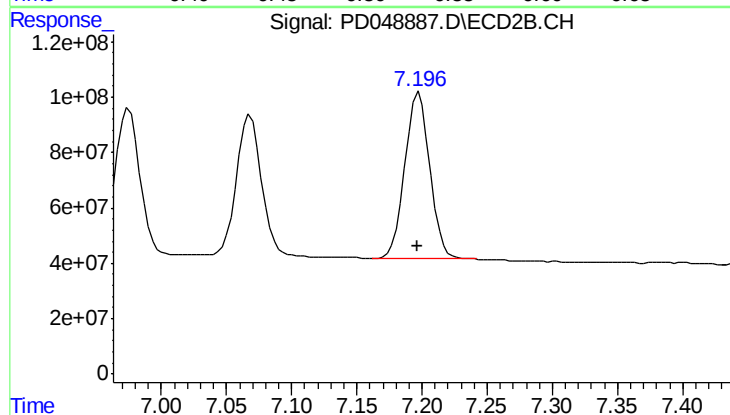
#19 Endosulfan Sulfate

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 69316002
Conc: 52.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

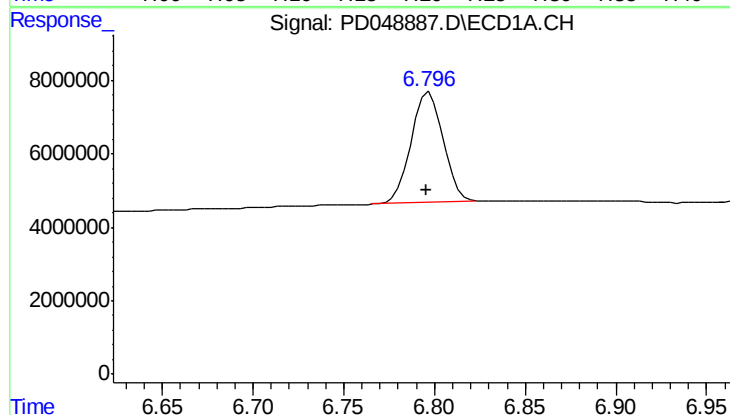
Manual Integrations
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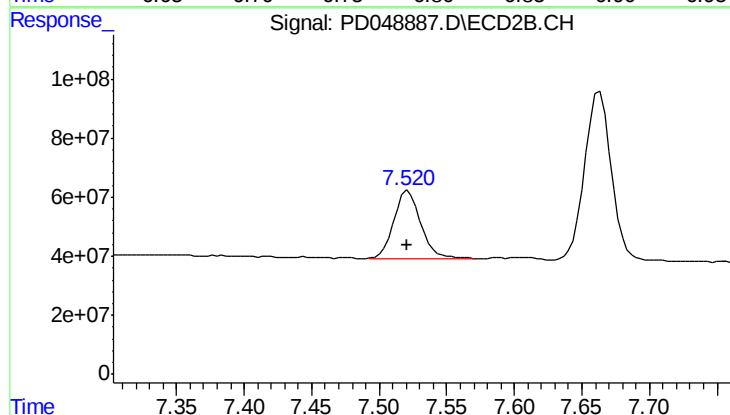
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 797105733
Conc: 50.86 ng/ml



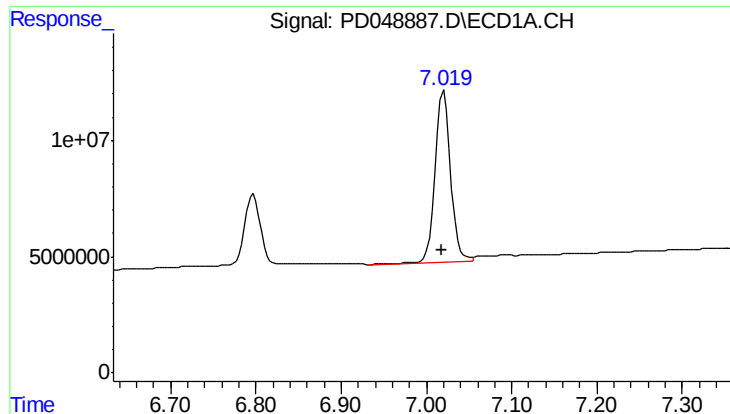
#20 Methoxychlor

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 37248950
Conc: 47.82 ng/ml m



#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.000 min
Response: 318297204
Conc: 52.76 ng/ml



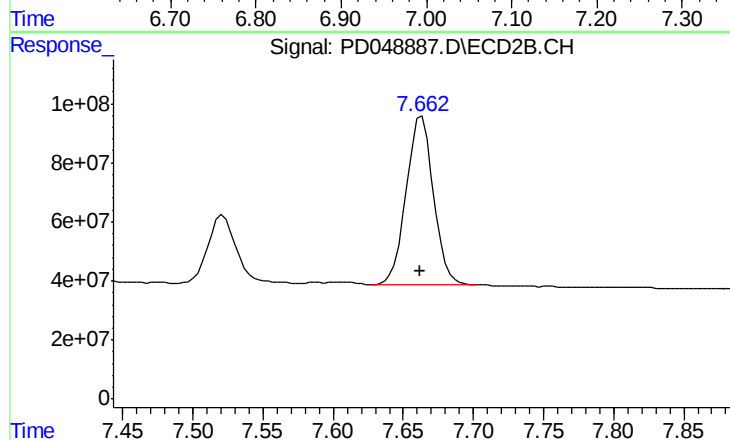
#21 Endrin ketone

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 92195961
Conc: 54.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
EXCAVATION-SOILMS

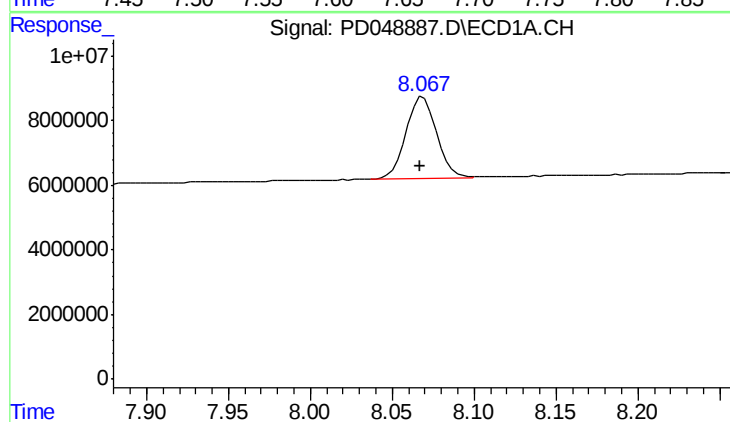
Manual Integrations
APPROVED

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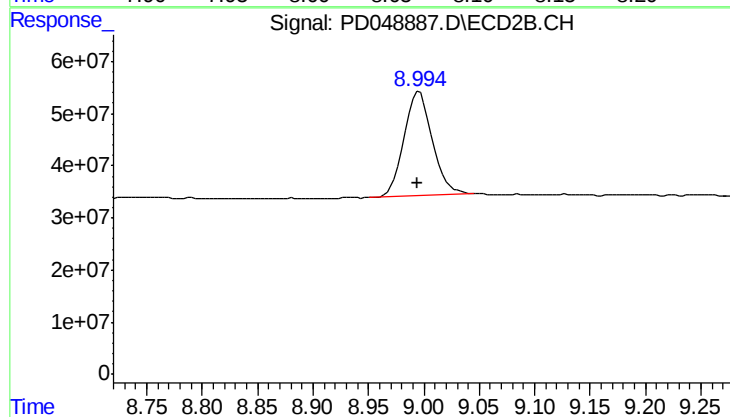
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.002 min
Response: 766358854
Conc: 50.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 32596379
Conc: 23.28 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: 0.002 min
Response: 353394657
Conc: 23.40 ng/ml