

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 11:54
 Operator : AR\AJ
 Sample : M4386-21DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/02/2021
 Supervised By : Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:52:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 17:33:19 2021
 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 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...	3.439	3.967	8743333	58143961	4.231	8.011 #
28)	SA Decachlor...	8.166	9.023	5463723	23241172	4.822	4.623
Target Compounds							
2)	A alpha-BHC	3.876	4.360	665.8E6	1869.4E6	198.198	179.633
3)	MA gamma-BHC...	4.158	4.645	530.6E6	1490.5E6	165.097	156.404
4)	MA Heptachlor	4.452	5.146	407.4E6	1019.2E6	125.216	113.237
5)	MB Aldrin	4.697	5.449	669.0E6	1639.8E6	210.100	195.076
6)	B beta-BHC	4.407	4.823	250.7E6	749.2E6	183.676	169.954
7)	B delta-BHC	4.609	5.038	466.1E6	1304.1E6	155.855	142.105
8)	B Heptachlo...	5.138	5.837	533.1E6	1226.3E6	185.067	174.892m
9)	A Endosulfan I	5.474	6.195	268.7E6	691.6E6	103.066	99.407
10)	B gamma-Chl...	5.362	6.072	605.4E6	1378.9E6	208.165	187.345
11)	B alpha-Chl...	5.420	6.144	496.3E6	1179.0E6	174.711	161.860
12)	B 4,4'-DDE	5.584	6.304	546.4E6	1301.4E6	203.619	188.079
13)	MA Dieldrin	5.716	6.454	608.4E6	1385.7E6	217.650	188.951
14)	MA Endrin	5.973	6.672	175.1E6	420.0E6	76.708	74.801
15)	B Endosulfa...	6.246	6.886	235.7E6	591.4E6	105.197	98.537
16)	A 4,4'-DDD	6.098	6.799	280.7E6	706.0E6	133.580	120.720
17)	MA 4,4'-DDT	6.337	7.095	146.2E6	437.1E6	69.075	73.234
18)	B Endrin al...	6.415	7.011	71756174	198.3E6	42.908	42.292
19)	B Endosulfa...	6.626	7.234	74845523	228.0E6	36.904	37.979
20)	A Methoxychlor	6.884	7.558	77070314	230.5E6	69.481	71.575
21)	B Endrin ke...	7.118	7.707	286.8E6	871.4E6	126.587	120.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 11:54
 Operator : AR\AJ
 Sample : M4386-21DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

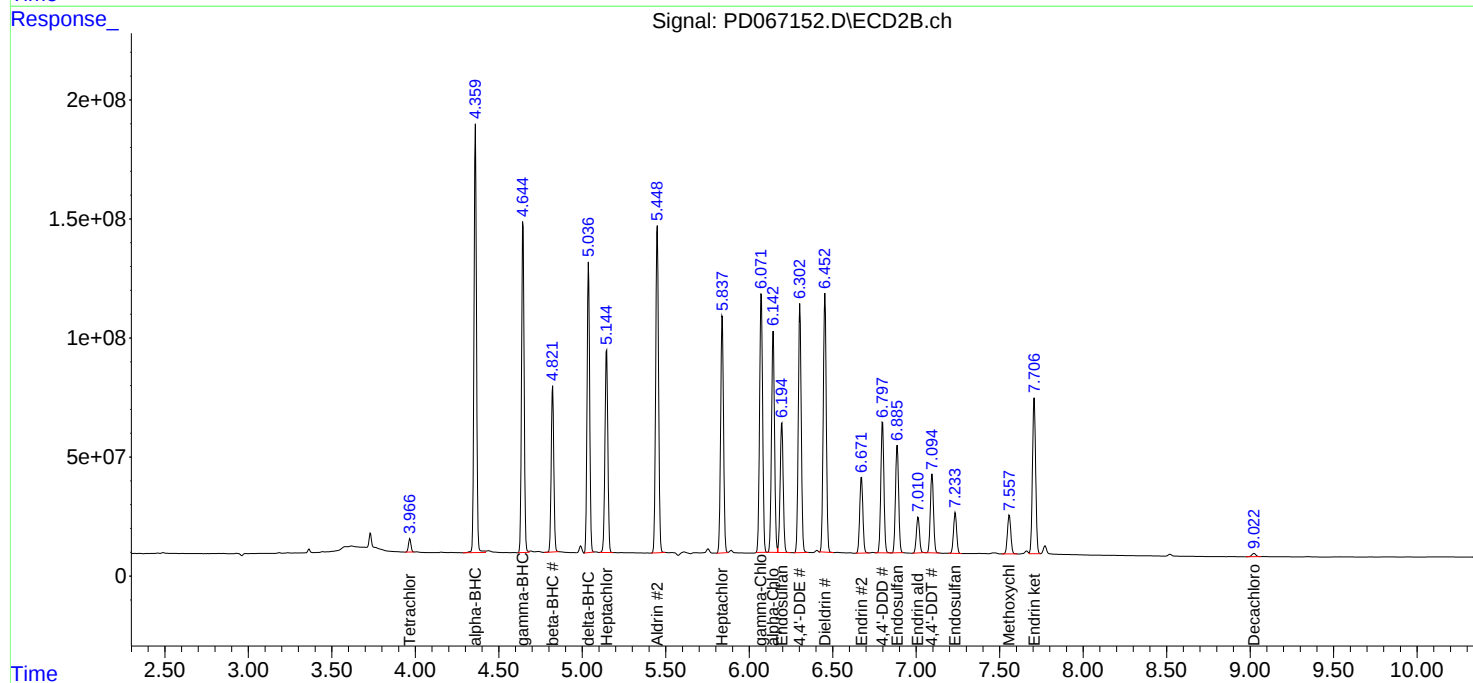
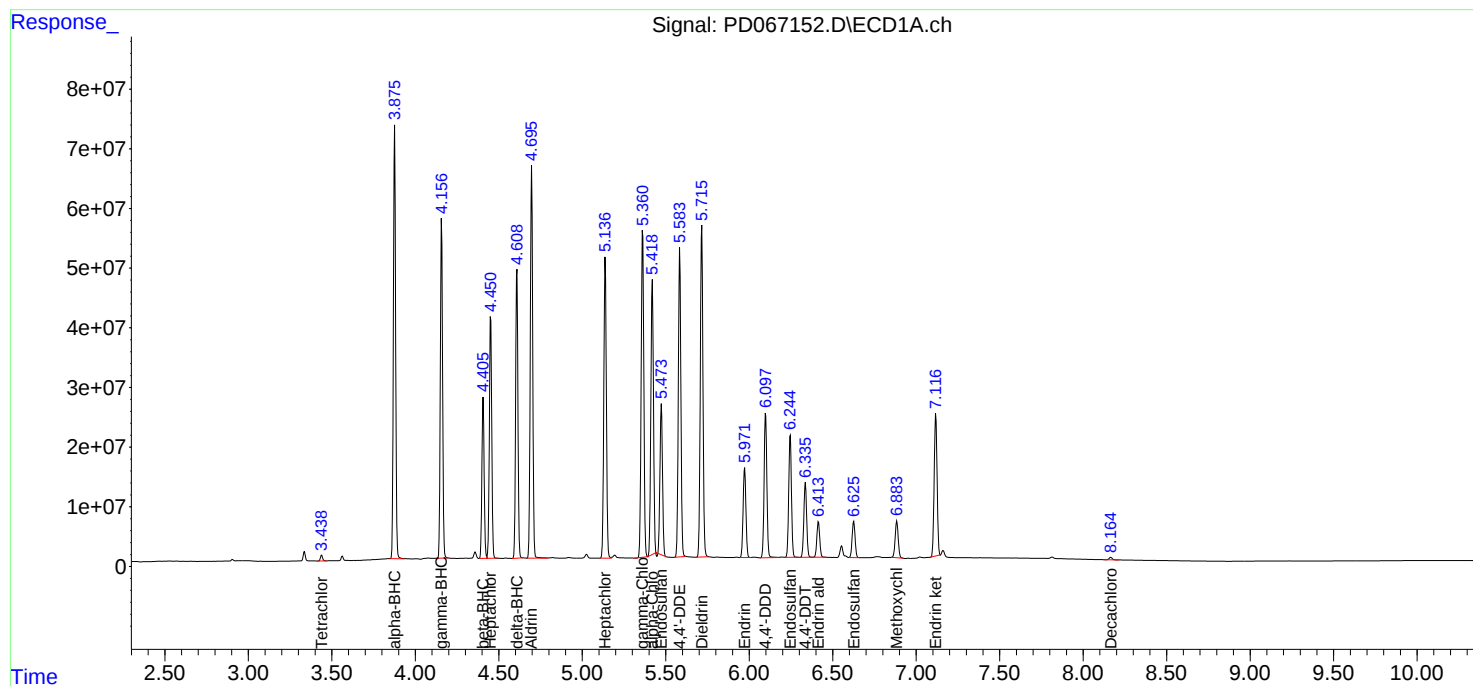
Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILD

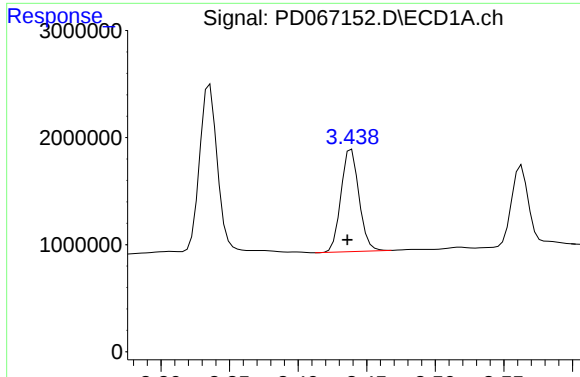
Manual Integrations
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 Supervised By : Ankita Jodhani 12/02/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:52:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
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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.: 3.439 min
Delta R.T.: 0.003 min
Response: 8743333
Conc: 4.23 ng/ml

Instrument :

ECD_D

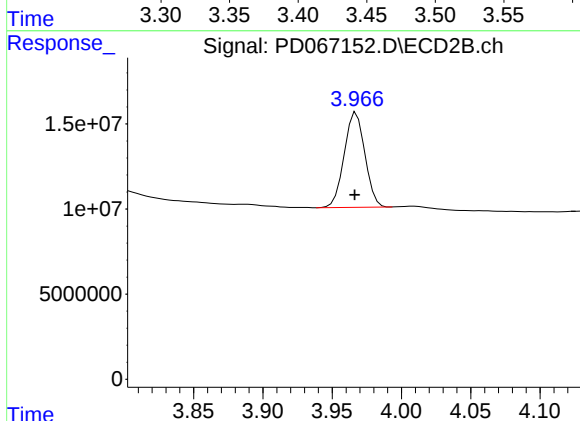
ClientSampleId :

PT-PEST-SOILDL

Manual Integrations

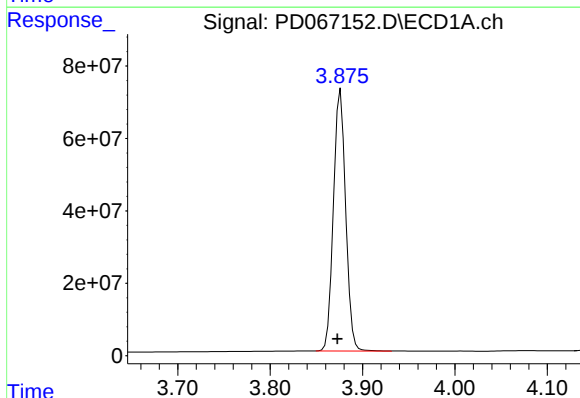
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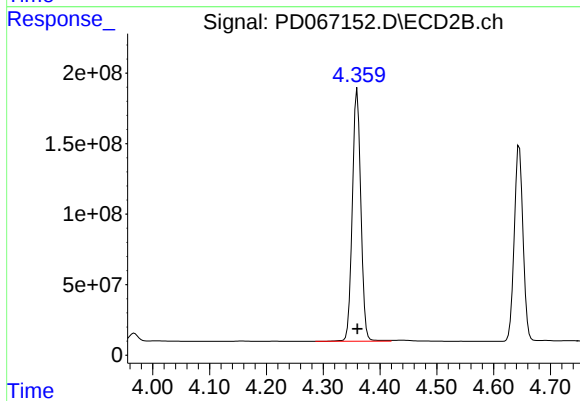
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: 0.001 min
Response: 58143961
Conc: 8.01 ng/ml



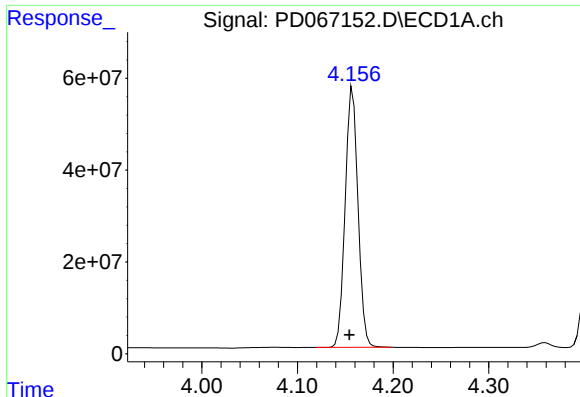
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.004 min
Response: 665754787
Conc: 198.20 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1869375042
Conc: 179.63 ng/ml



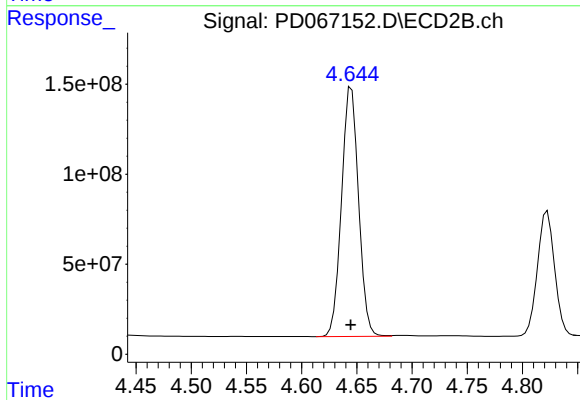
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.004 min
Response: 530560035
Conc: 165.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

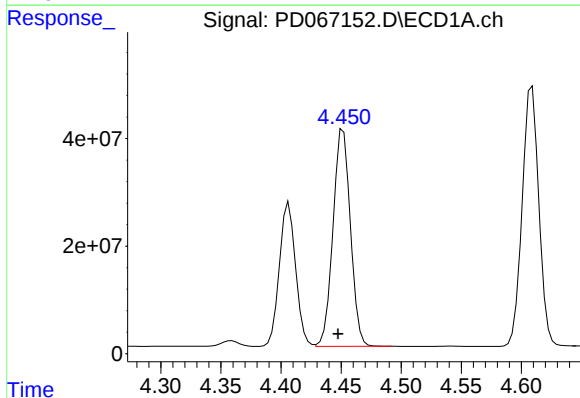
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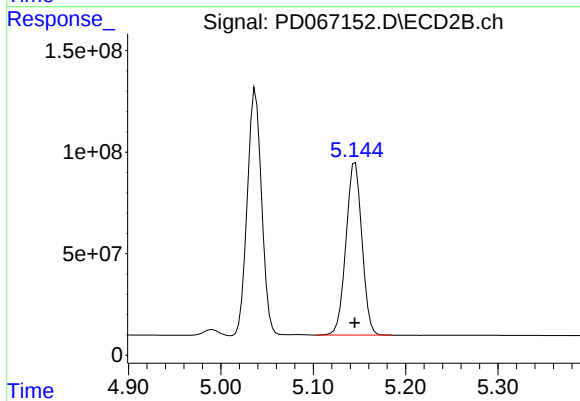
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 1490480082
Conc: 156.40 ng/ml



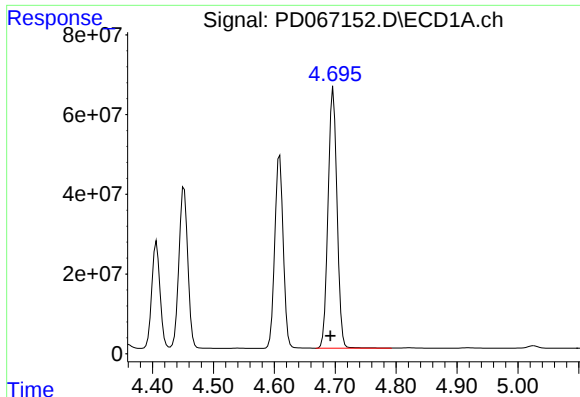
#4 Heptachlor

R.T.: 4.452 min
Delta R.T.: 0.004 min
Response: 407385590
Conc: 125.22 ng/ml



#4 Heptachlor

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 1019233530
Conc: 113.24 ng/ml



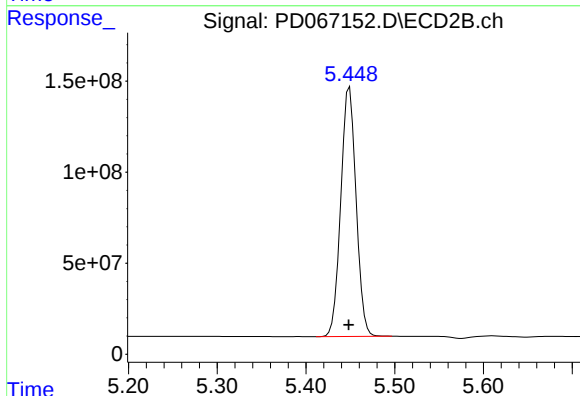
#5 Aldrin

R.T.: 4.697 min
Delta R.T.: 0.004 min
Response: 669033862
Conc: 210.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

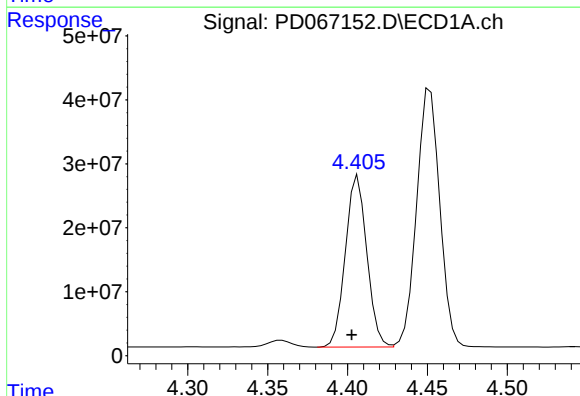
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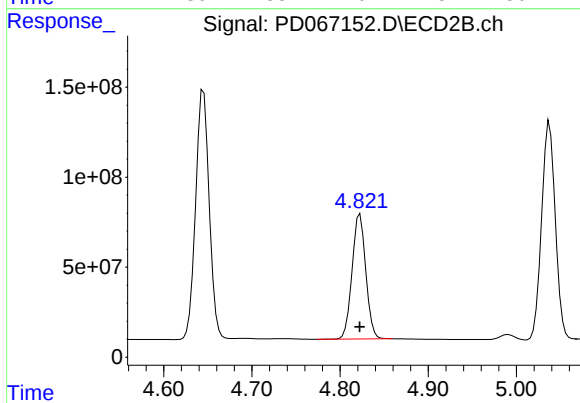
#5 Aldrin

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 1639809663
Conc: 195.08 ng/ml



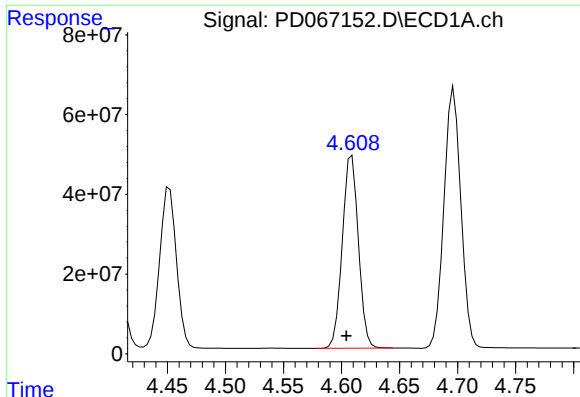
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.004 min
Response: 250717665
Conc: 183.68 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 749191680
Conc: 169.95 ng/ml



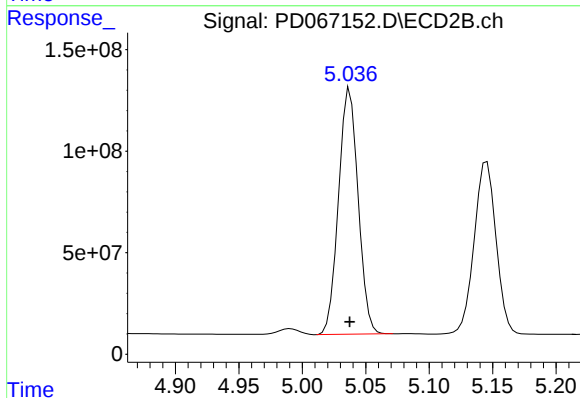
#7 delta-BHC

R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 466084466
Conc: 155.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

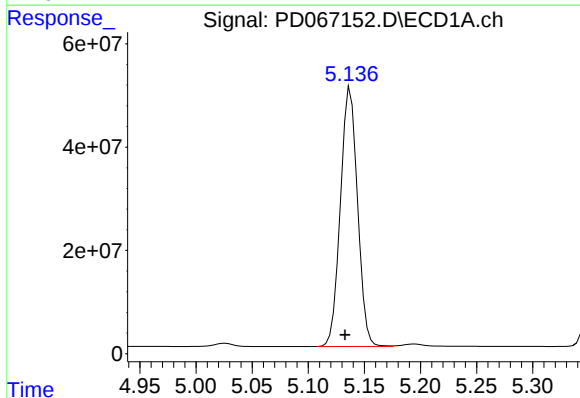
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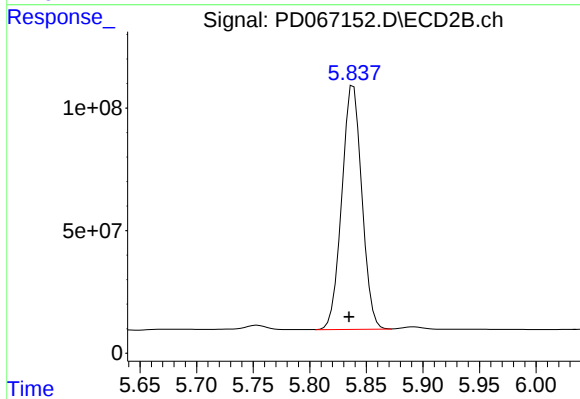
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 1304138352
Conc: 142.10 ng/ml



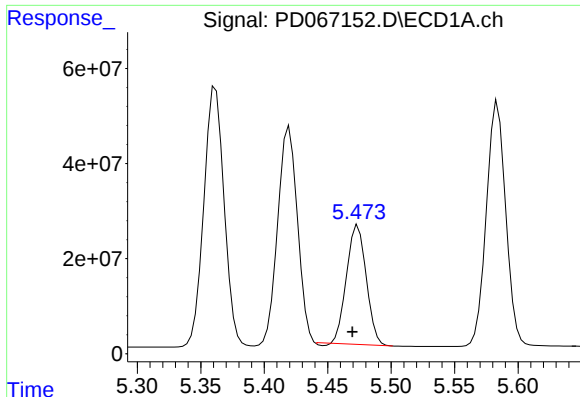
#8 Heptachlor epoxide

R.T.: 5.138 min
Delta R.T.: 0.005 min
Response: 533106052
Conc: 185.07 ng/ml



#8 Heptachlor epoxide

R.T.: 5.837 min
Delta R.T.: 0.002 min
Response: 1226283482
Conc: 174.89 ng/ml m



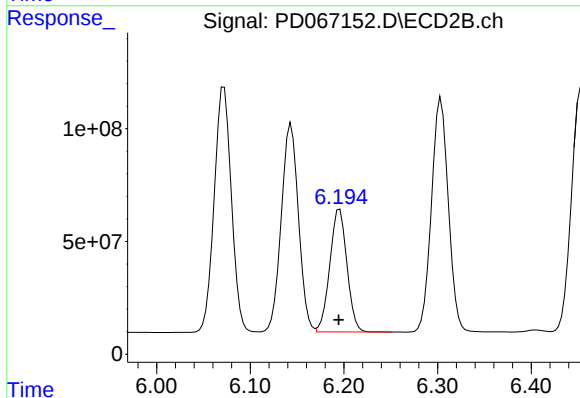
#9 Endosulfan I

R.T.: 5.474 min
Delta R.T.: 0.004 min
Response: 268748672
Conc: 103.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

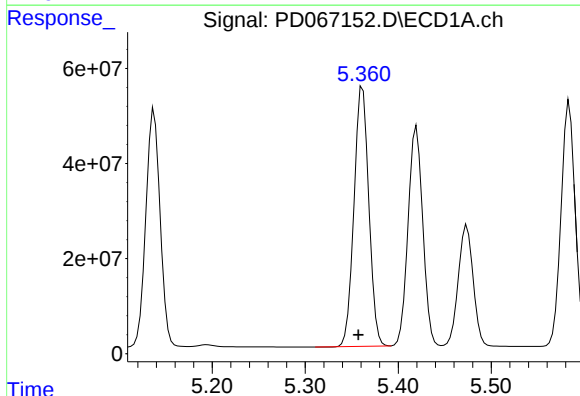
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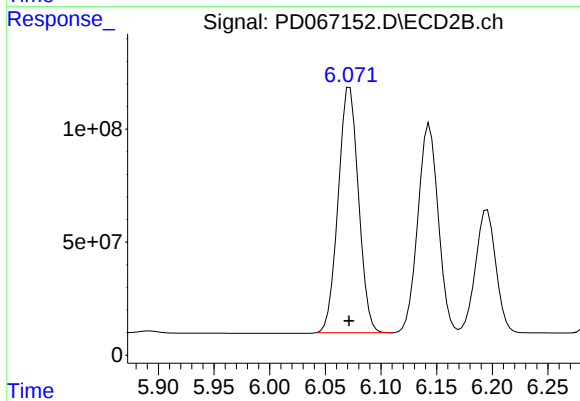
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 691614235
Conc: 99.41 ng/ml



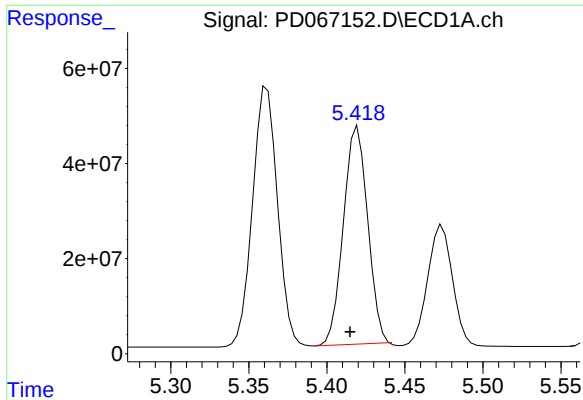
#10 gamma-Chlordane

R.T.: 5.362 min
Delta R.T.: 0.005 min
Response: 605407271
Conc: 208.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1378884598
Conc: 187.35 ng/ml



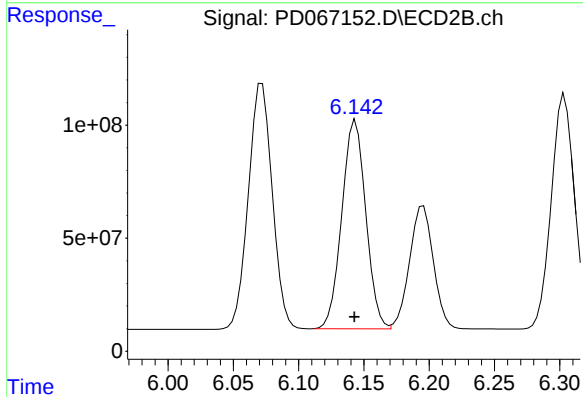
#11 alpha-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.005 min
Response: 496335659
Conc: 174.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

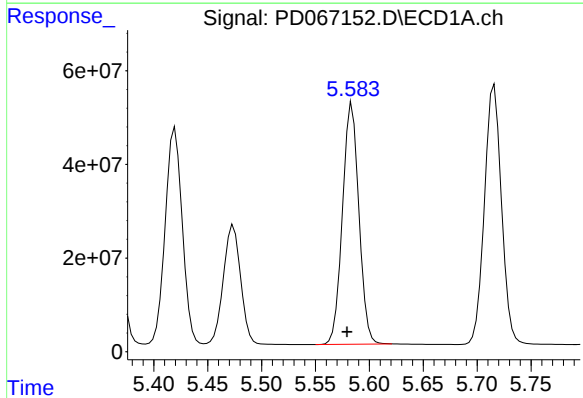
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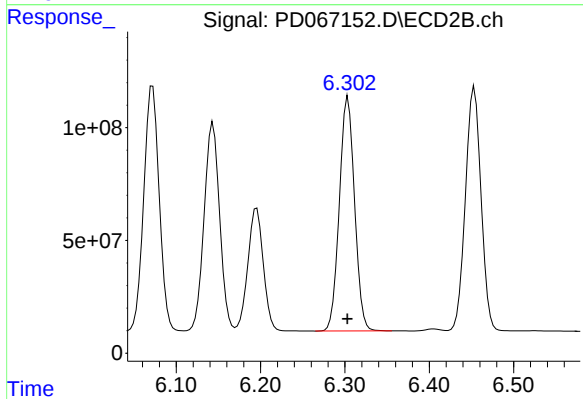
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 1178976560
Conc: 161.86 ng/ml



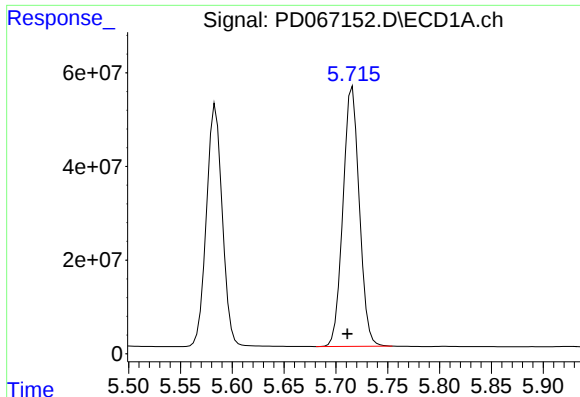
#12 4,4'-DDE

R.T.: 5.584 min
Delta R.T.: 0.005 min
Response: 546427505
Conc: 203.62 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 1301409470
Conc: 188.08 ng/ml



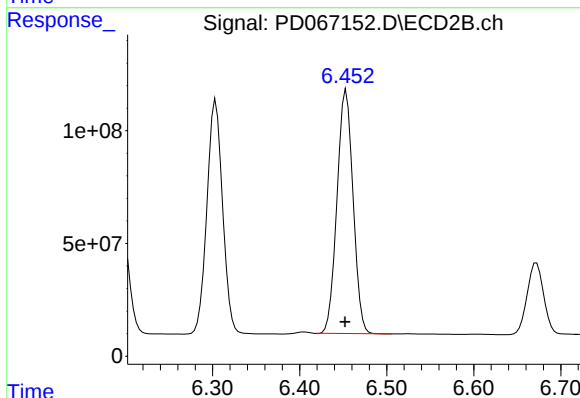
#13 Dieldrin

R.T.: 5.716 min
Delta R.T.: 0.005 min
Response: 608392618
Conc: 217.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

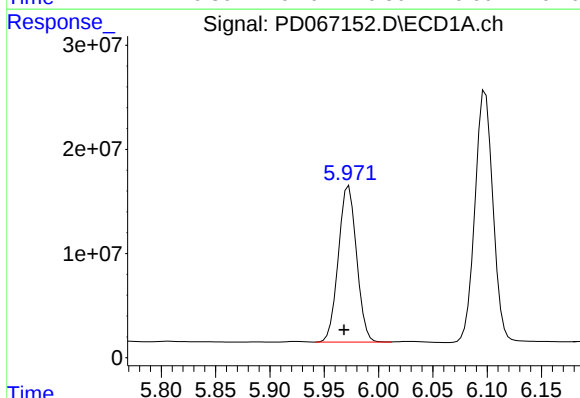
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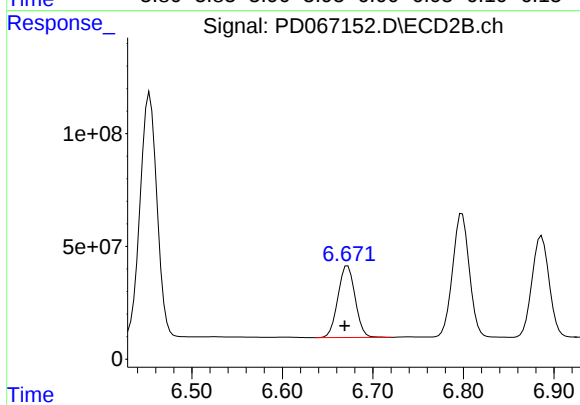
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 1385702213
Conc: 188.95 ng/ml



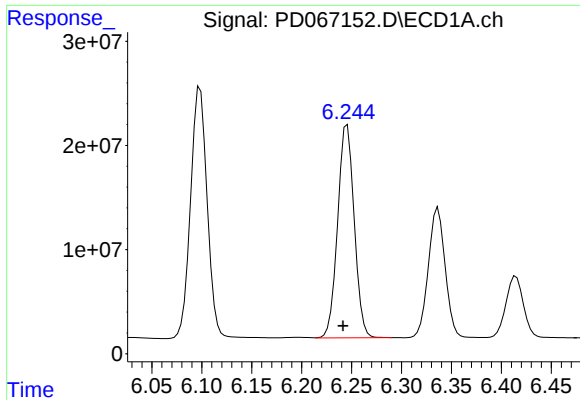
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.004 min
Response: 175144636
Conc: 76.71 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: 0.003 min
Response: 419986788
Conc: 74.80 ng/ml



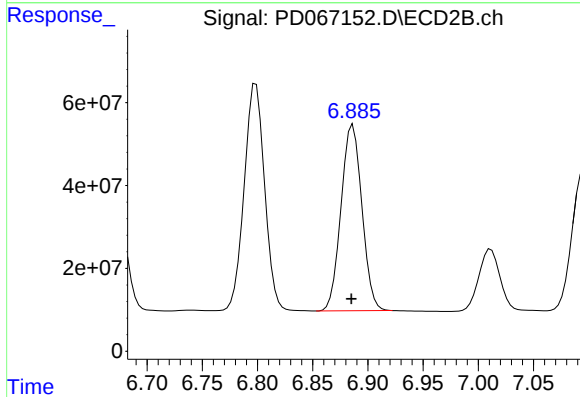
#15 Endosulfan II

R.T.: 6.246 min
Delta R.T.: 0.004 min
Response: 235673152
Conc: 105.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

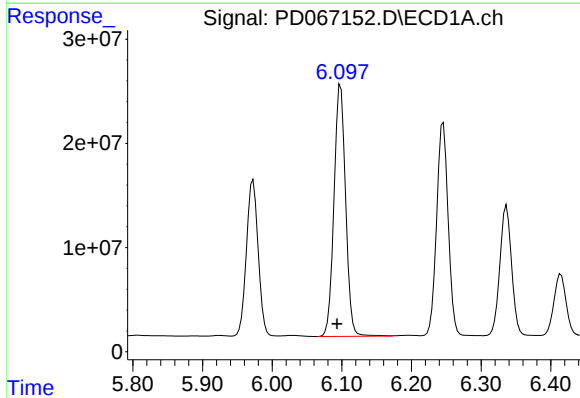
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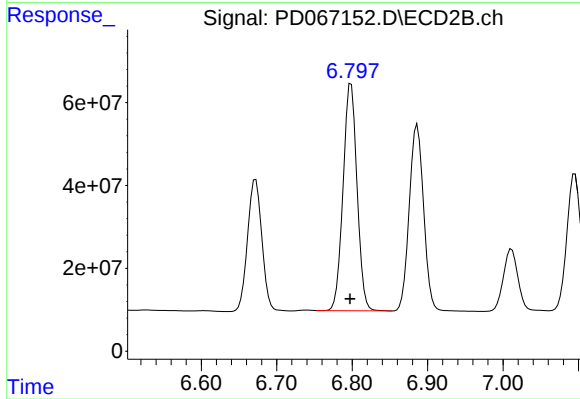
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: 0.001 min
Response: 591420701
Conc: 98.54 ng/ml



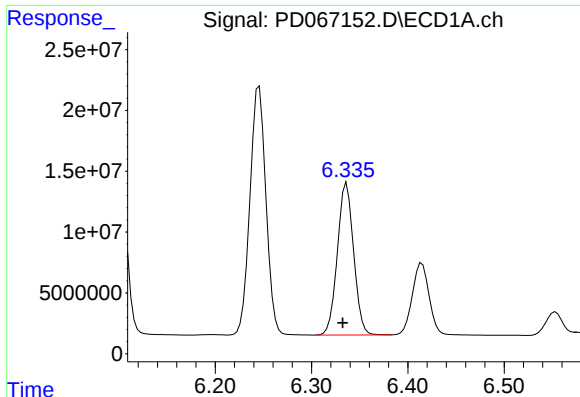
#16 4,4'-DDD

R.T.: 6.098 min
Delta R.T.: 0.005 min
Response: 280727421
Conc: 133.58 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 705993960
Conc: 120.72 ng/ml



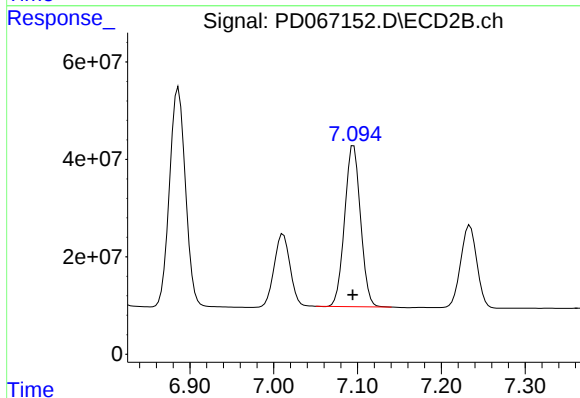
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.004 min
Response: 146152259
Conc: 69.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

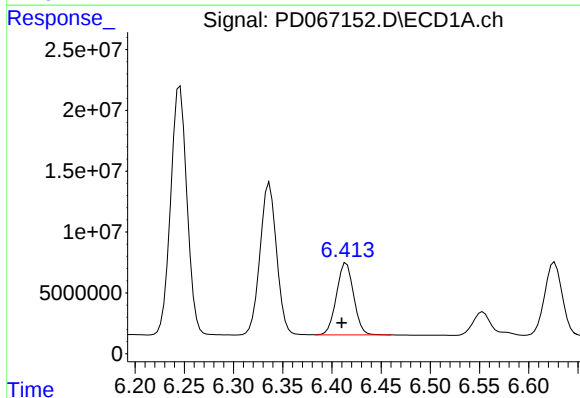
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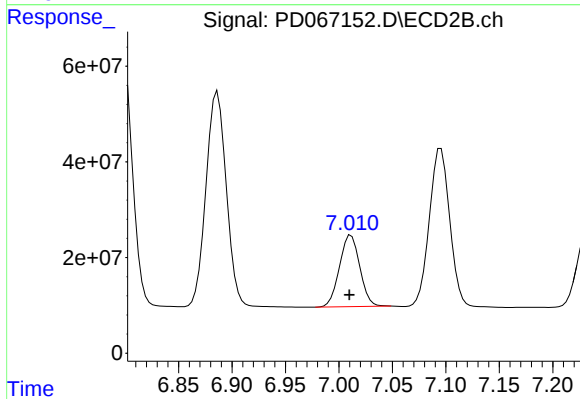
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.001 min
Response: 437087669
Conc: 73.23 ng/ml



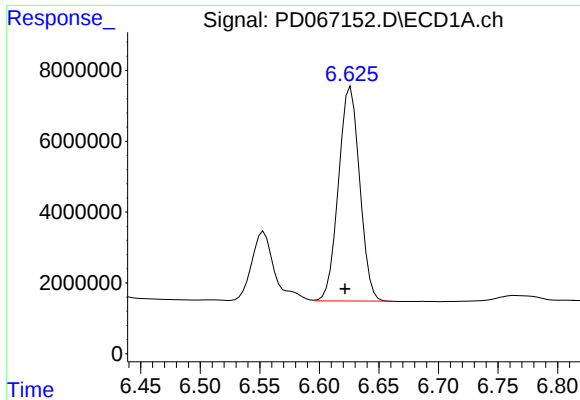
#18 Endrin aldehyde

R.T.: 6.415 min
Delta R.T.: 0.005 min
Response: 71756174
Conc: 42.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 198334739
Conc: 42.29 ng/ml



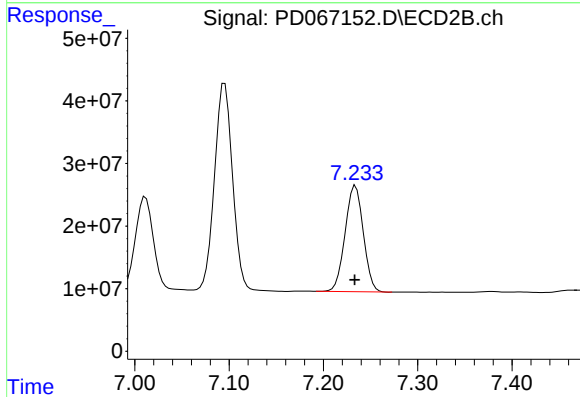
#19 Endosulfan Sulfate

R.T.: 6.626 min
Delta R.T.: 0.005 min
Response: 74845523
Conc: 36.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

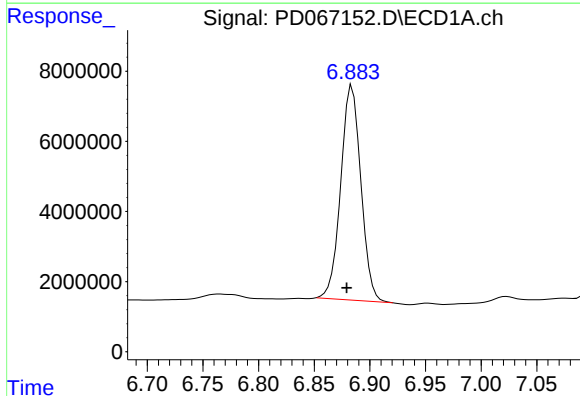
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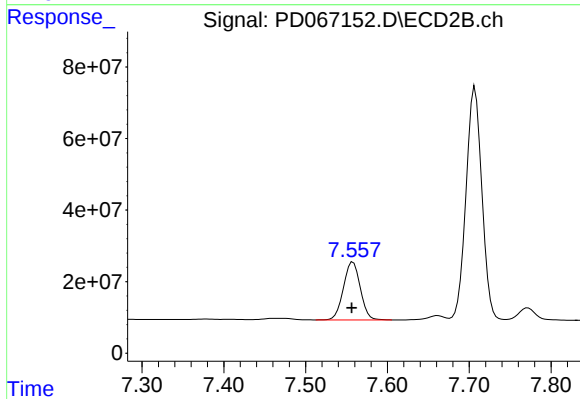
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 228024301
Conc: 37.98 ng/ml



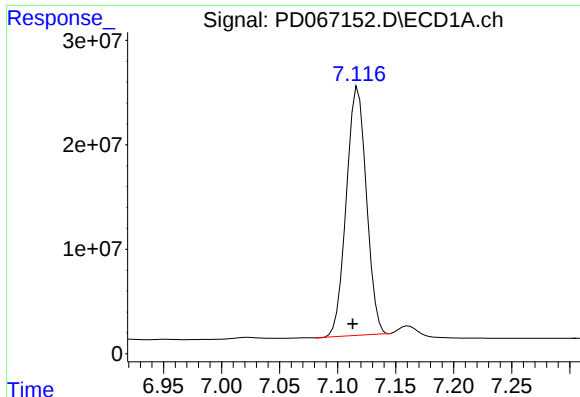
#20 Methoxychlor

R.T.: 6.884 min
Delta R.T.: 0.005 min
Response: 77070314
Conc: 69.48 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.001 min
Response: 230535966
Conc: 71.57 ng/ml



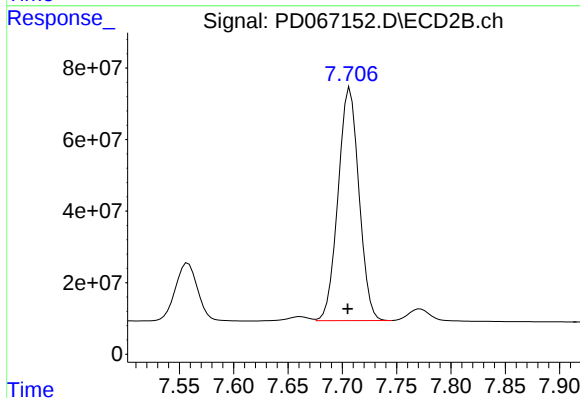
#21 Endrin ketone

R.T.: 7.118 min
Delta R.T.: 0.005 min
Response: 286795918
Conc: 126.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

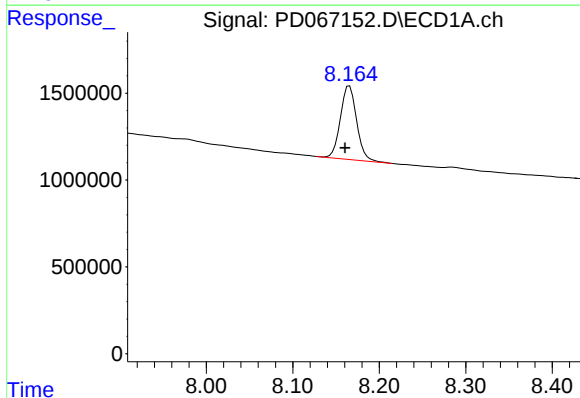
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2021
Supervised By :Ankita Jodhani 12/02/2021



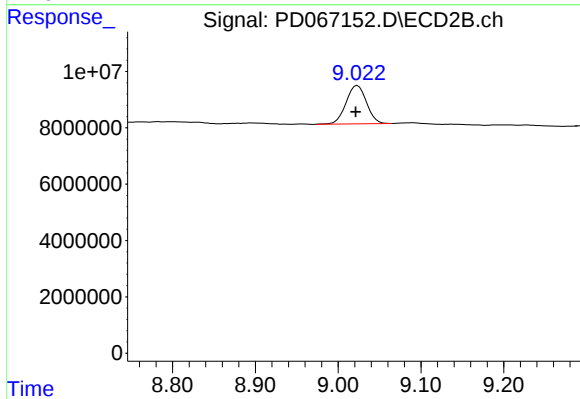
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.002 min
Response: 871427226
Conc: 120.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.166 min
Delta R.T.: 0.005 min
Response: 5463723
Conc: 4.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.002 min
Response: 23241172
Conc: 4.62 ng/ml