

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2021 12:08
 Operator : AR\AJ
 Sample : M4386-21DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL

Manual Integrations
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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 11:53:18 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...	3.436	3.968	4510059	30644895	2.183	4.222 #
28)	SA Decachlor...	8.161	9.022	2751319	11709747	2.428	2.329
Target Compounds							
2)	A alpha-BHC	3.873	4.360	326.8E6	933.6E6	97.277	89.710
3)	MA gamma-BHC...	4.155	4.645	263.9E6	756.2E6	82.123	79.354
4)	MA Heptachlor	4.448	5.145	198.5E6	523.3E6	61.013	58.137
5)	MB Aldrin	4.693	5.448	339.2E6	855.6E6	106.517	101.781
6)	B beta-BHC	4.403	4.823	127.4E6	396.4E6	93.329	89.926
7)	B delta-BHC	4.605	5.037	229.1E6	663.9E6	76.621	72.337
8)	B Heptachlo...	5.134	5.836	266.4E6	644.8E6	92.475	91.954m
9)	A Endosulfan I	5.470	6.194	139.6E6	363.2E6	53.552	52.200
10)	B gamma-Chl...	5.358	6.072	300.0E6	712.1E6	103.168	96.747
11)	B alpha-Chl...	5.416	6.143	252.1E6	612.8E6	88.729	84.128
12)	B 4,4'-DDE	5.581	6.303	271.1E6	668.7E6	101.039	96.644
13)	MA Dieldrin	5.713	6.453	301.4E6	714.5E6	107.839	97.425
14)	MA Endrin	5.969	6.671	83283653	213.7E6	36.476	38.057
15)	B Endosulfa...	6.242	6.886	118.4E6	317.1E6	52.864	52.834
16)	A 4,4'-DDD	6.095	6.798	138.7E6	369.5E6	66.011	63.174
17)	MA 4,4'-DDT	6.333	7.095	70585852	222.1E6	33.360	37.218
18)	B Endrin al...	6.411	7.011	38280686	108.0E6	22.891	23.032
19)	B Endosulfa...	6.622	7.233	38428588	119.8E6	18.948	19.957
20)	A Methoxychlor	6.880	7.556	39656813	119.7E6	35.752	37.179
21)	B Endrin ke...	7.115	7.706	147.2E6	460.7E6	64.964	63.702

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD113021\
 Data File : PD067153.D
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 Acq On : 30 Nov 2021 12:08
 Operator : AR\AJ
 Sample : M4386-21DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

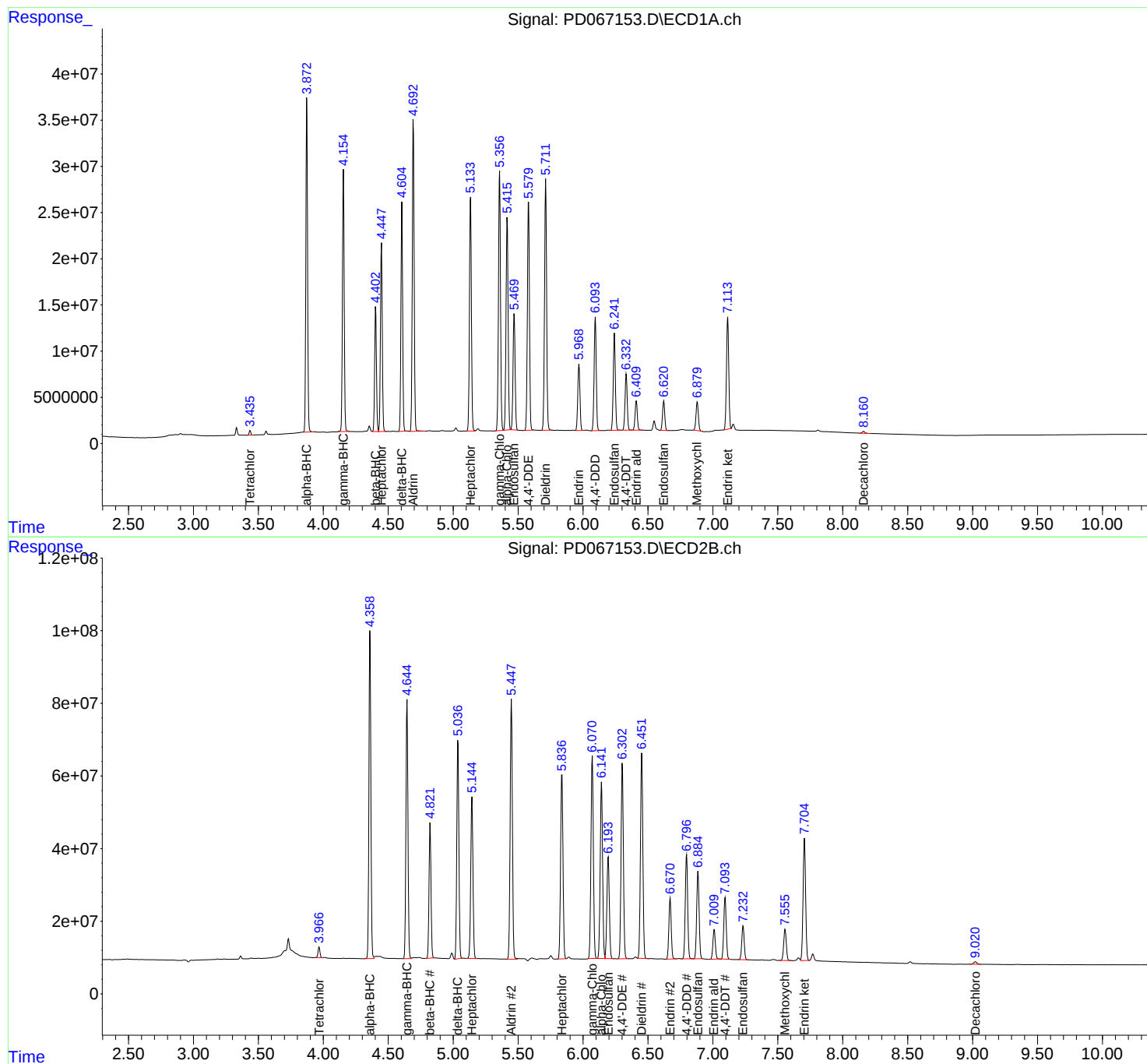
Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL

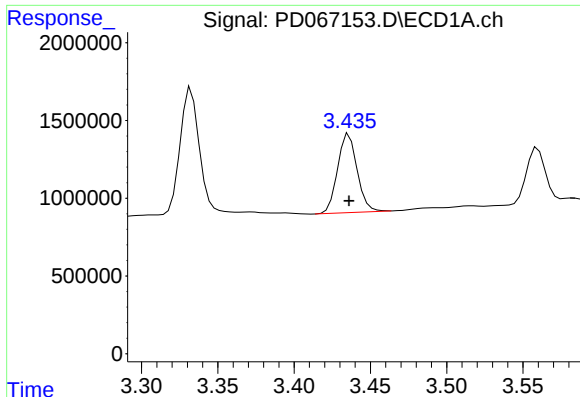
Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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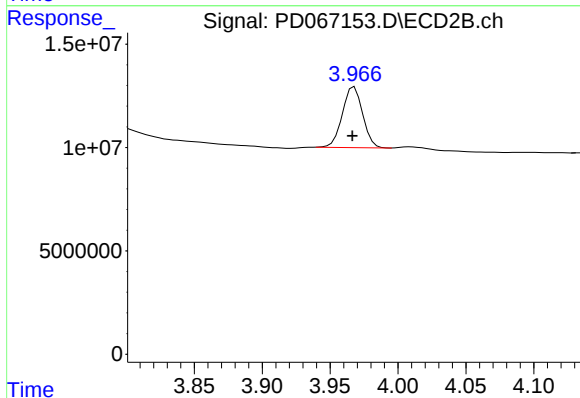
#1 Tetrachloro-m-xylene

R.T.: 3.436 min
Delta R.T.: 0.000 min
Response: 4510059
Conc: 2.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

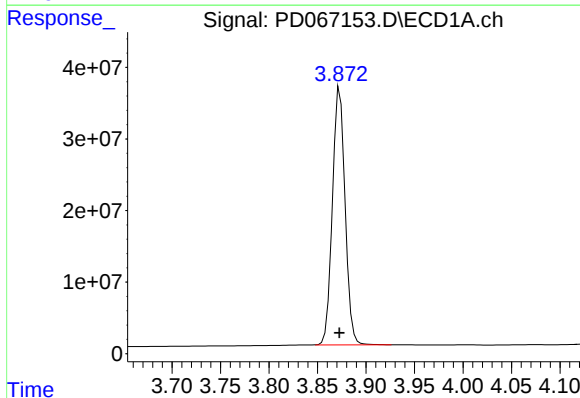
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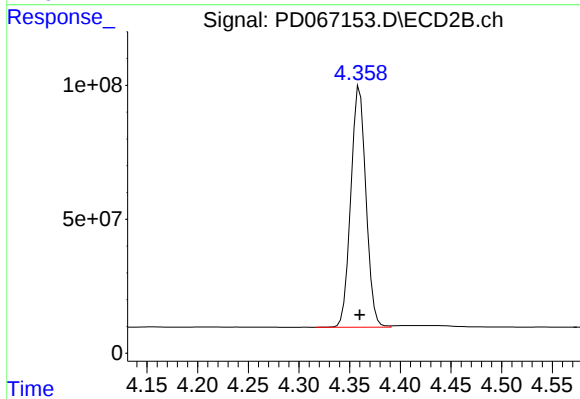
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: 0.002 min
Response: 30644895
Conc: 4.22 ng/ml



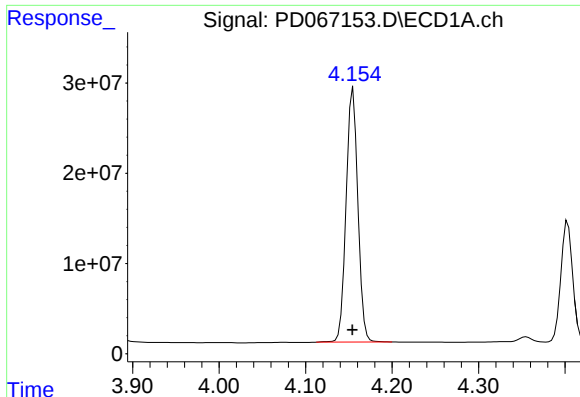
#2 alpha-BHC

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 326756104
Conc: 97.28 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 933582815
Conc: 89.71 ng/ml



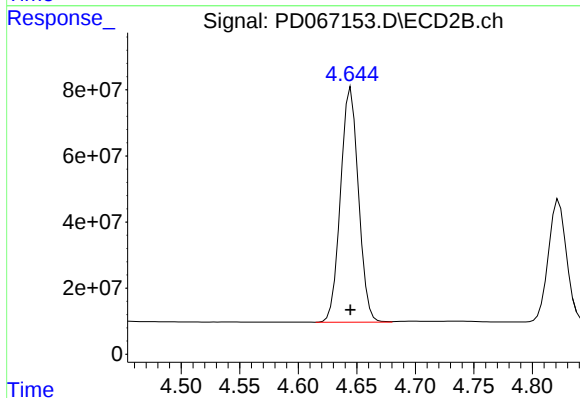
#3 gamma-BHC (Lindane)

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 263912854
Conc: 82.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

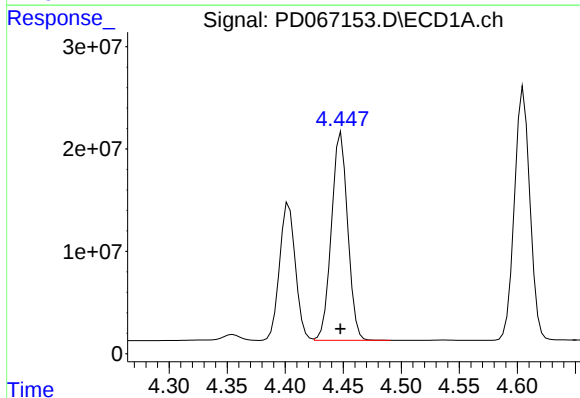
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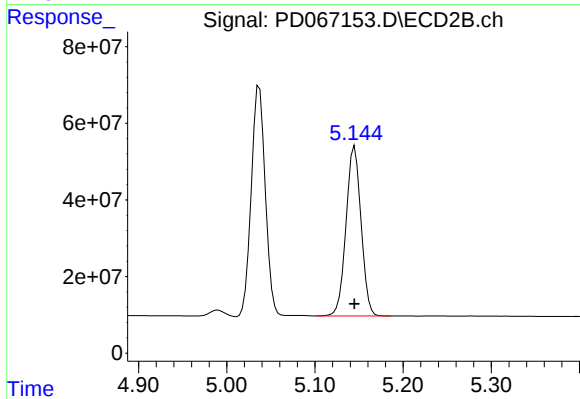
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 756219027
Conc: 79.35 ng/ml



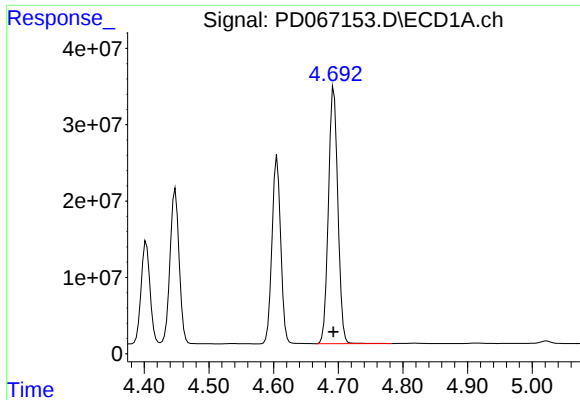
#4 Heptachlor

R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 198504033
Conc: 61.01 ng/ml



#4 Heptachlor

R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 523281207
Conc: 58.14 ng/ml



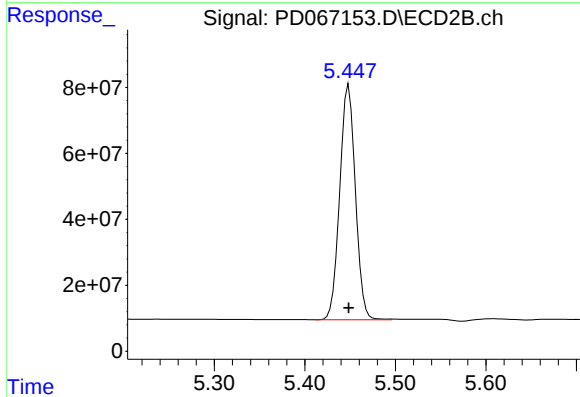
#5 Aldrin

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 339188898
Conc: 106.52 ng/ml

Instrument :
ECD_D
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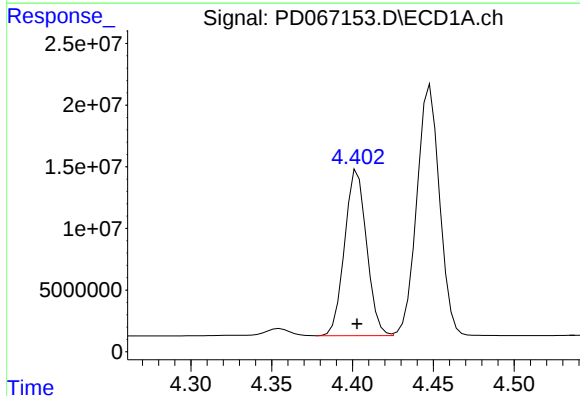
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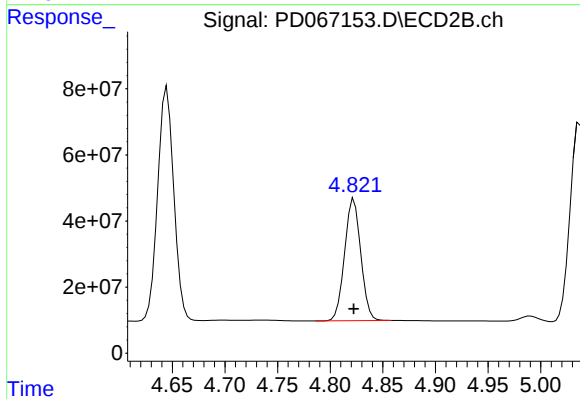
#5 Aldrin

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 855570914
Conc: 101.78 ng/ml



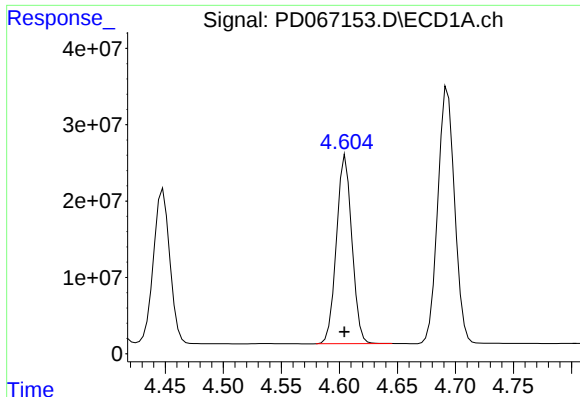
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 127394198
Conc: 93.33 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 396413455
Conc: 89.93 ng/ml



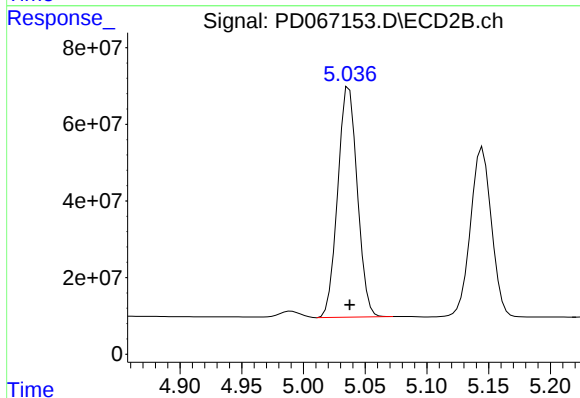
#7 delta-BHC

R.T.: 4.605 min
Delta R.T.: 0.001 min
Response: 229135605
Conc: 76.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

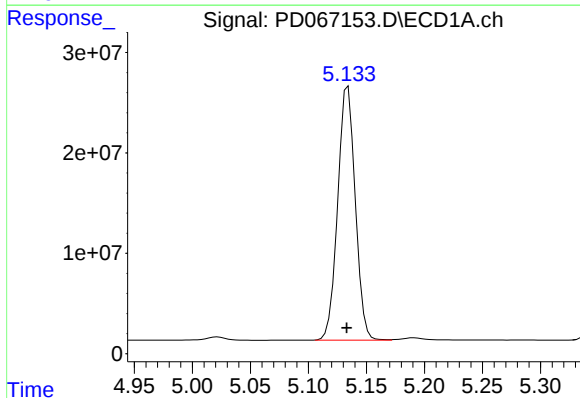
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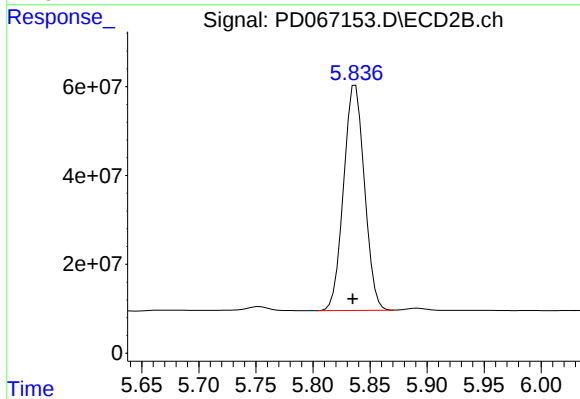
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 663861196
Conc: 72.34 ng/ml



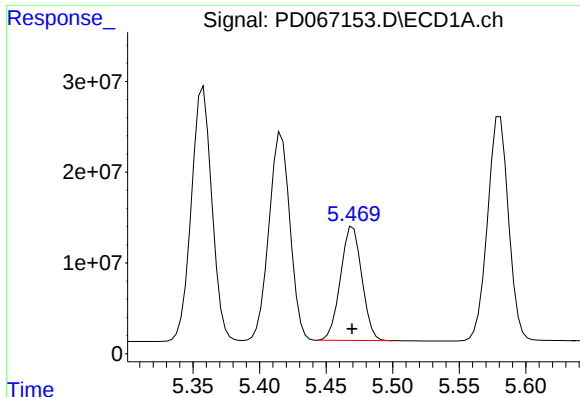
#8 Heptachlor epoxide

R.T.: 5.134 min
Delta R.T.: 0.001 min
Response: 266385310
Conc: 92.48 ng/ml



#8 Heptachlor epoxide

R.T.: 5.836 min
Delta R.T.: 0.001 min
Response: 644752043
Conc: 91.95 ng/ml m



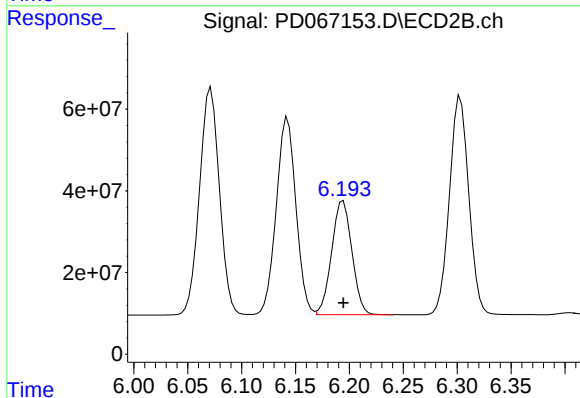
#9 Endosulfan I

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 139639400
Conc: 53.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

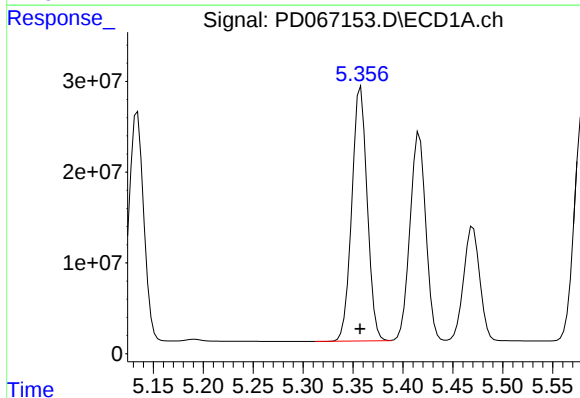
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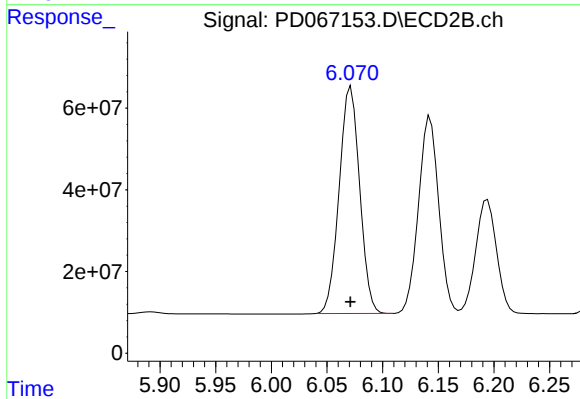
#9 Endosulfan I

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 363174839
Conc: 52.20 ng/ml



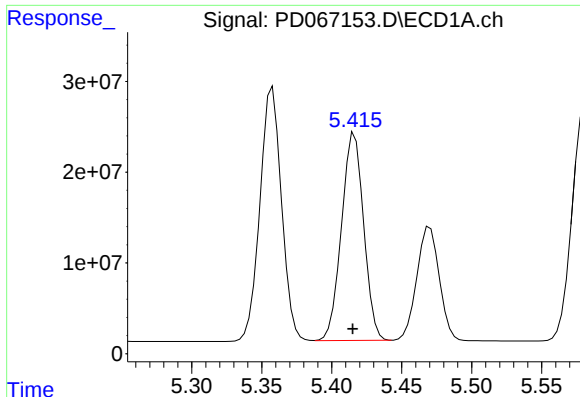
#10 gamma-Chlordane

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 300043003
Conc: 103.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 712069073
Conc: 96.75 ng/ml



#11 alpha-Chlordane

R.T.: 5.416 min
Delta R.T.: 0.001 min
Response: 252068359
Conc: 88.73 ng/ml

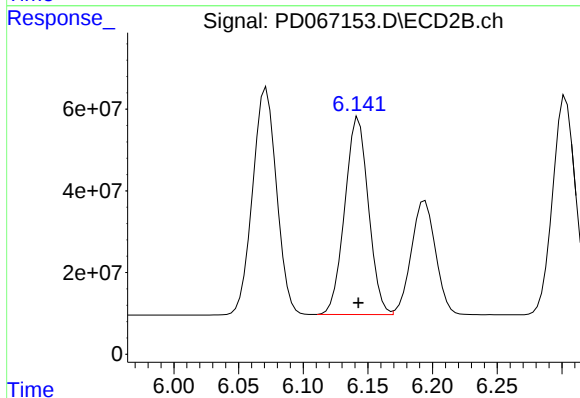
Instrument :

ECD_D

ClientSampleId :
PT-PEST-SOILD

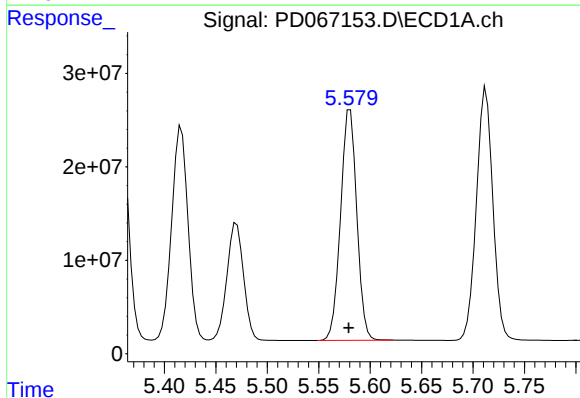
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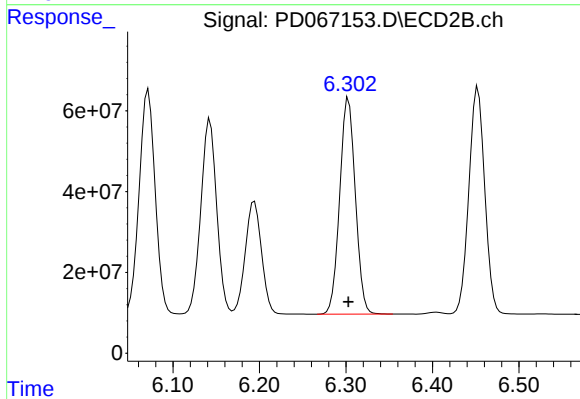
#11 alpha-Chlordane

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 612783763
Conc: 84.13 ng/ml



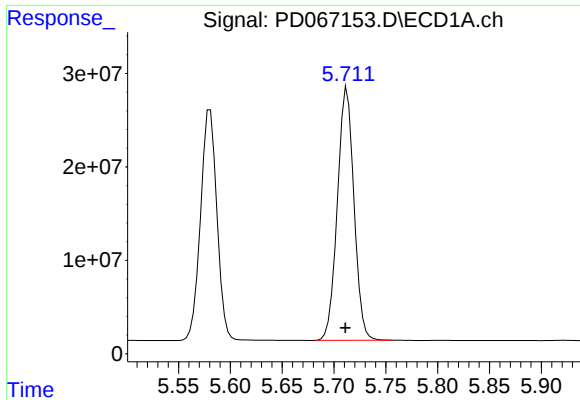
#12 4,4'-DDE

R.T.: 5.581 min
Delta R.T.: 0.001 min
Response: 271146977
Conc: 101.04 ng/ml



#12 4,4'-DDE

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 668725852
Conc: 96.64 ng/ml



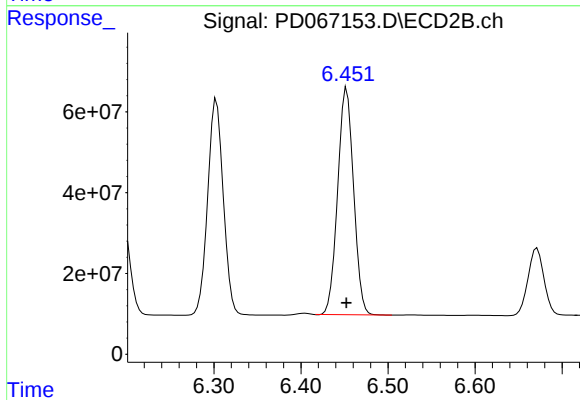
#13 Dieldrin

R.T.: 5.713 min
Delta R.T.: 0.002 min
Response: 301438518
Conc: 107.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

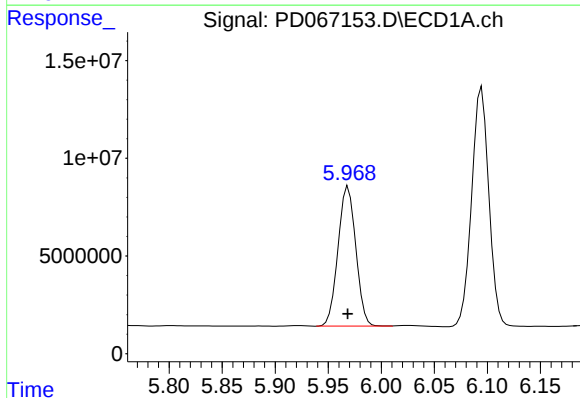
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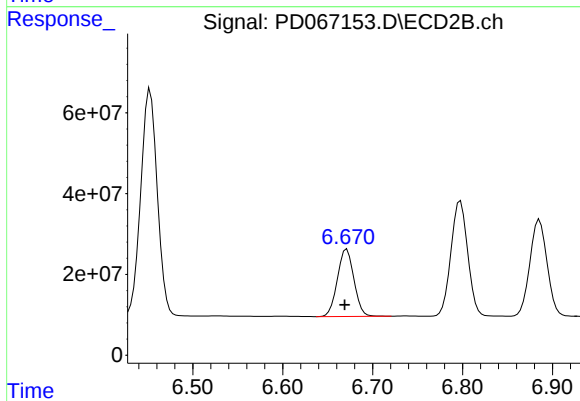
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 714482954
Conc: 97.43 ng/ml



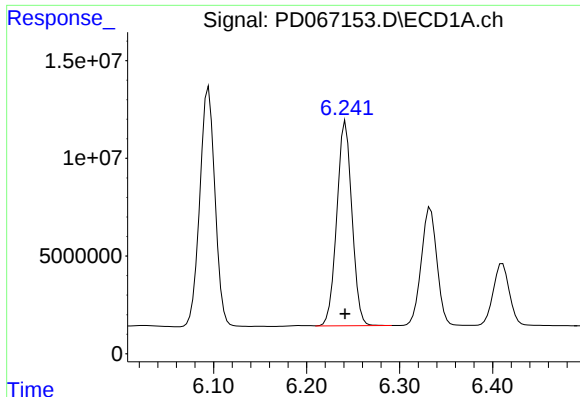
#14 Endrin

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 83283653
Conc: 36.48 ng/ml



#14 Endrin

R.T.: 6.671 min
Delta R.T.: 0.003 min
Response: 213678664
Conc: 38.06 ng/ml



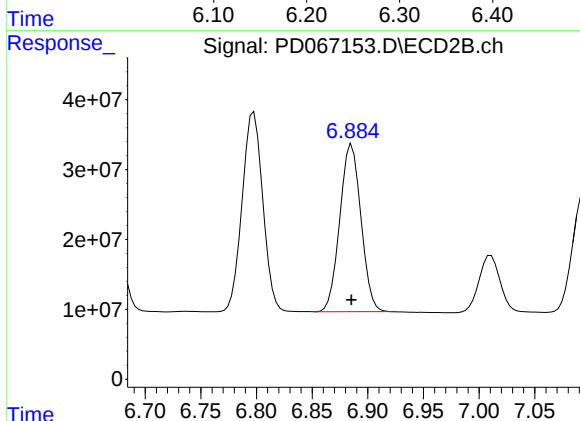
#15 Endosulfan II

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 118430968
Conc: 52.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

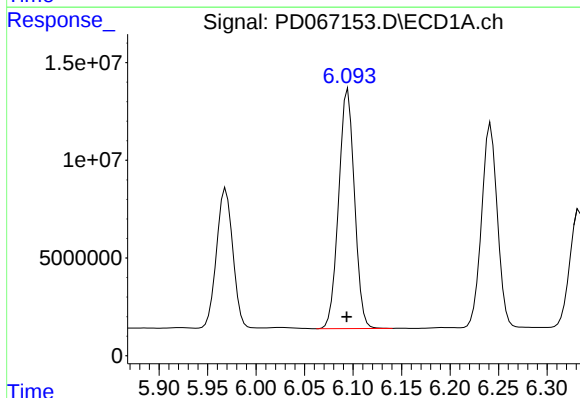
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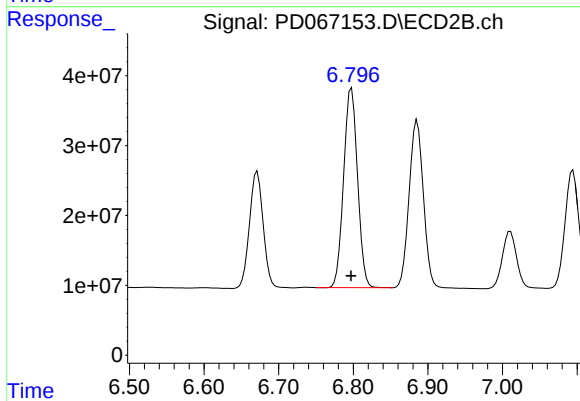
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 317109670
Conc: 52.83 ng/ml



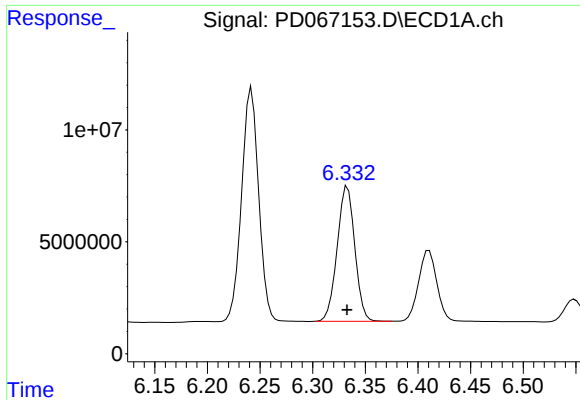
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: 0.001 min
Response: 138725706
Conc: 66.01 ng/ml



#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 369453989
Conc: 63.17 ng/ml



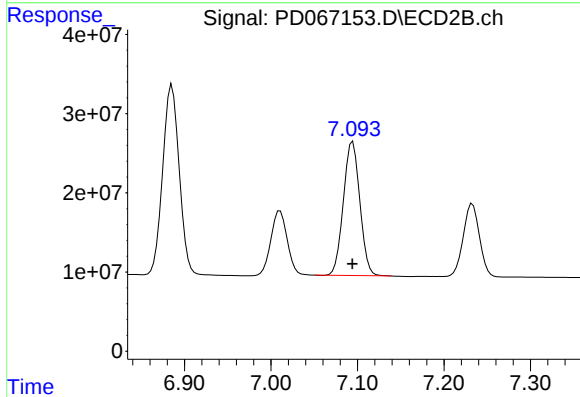
#17 4,4'-DDT

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 70585852
Conc: 33.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL

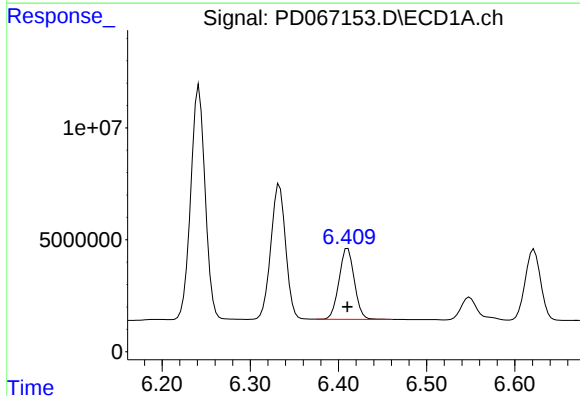
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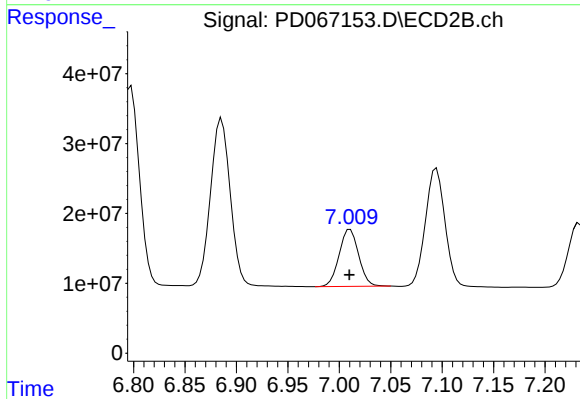
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 222133652
Conc: 37.22 ng/ml



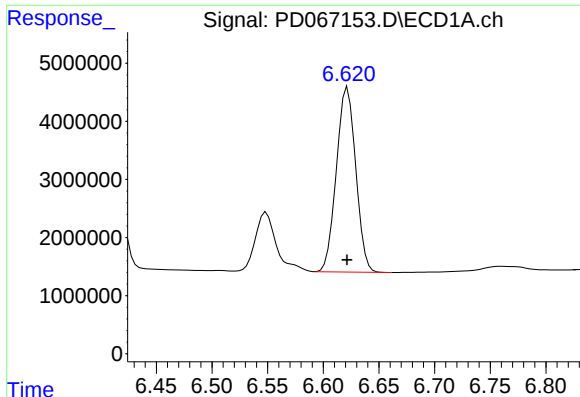
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 38280686
Conc: 22.89 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 108012545
Conc: 23.03 ng/ml



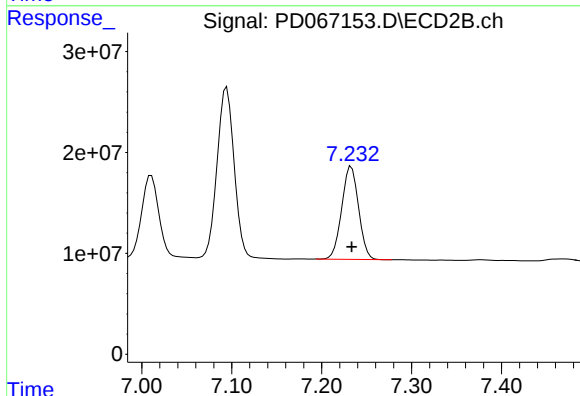
#19 Endosulfan Sulfate

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 38428588
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

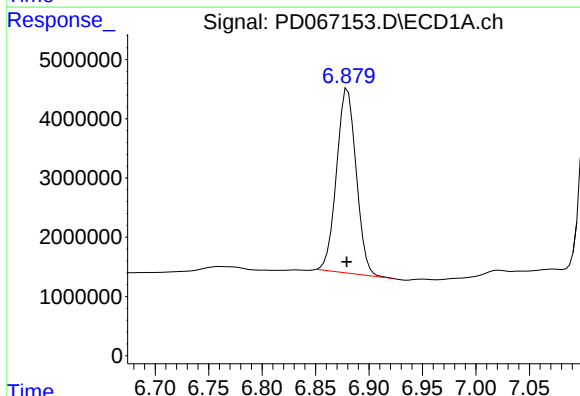
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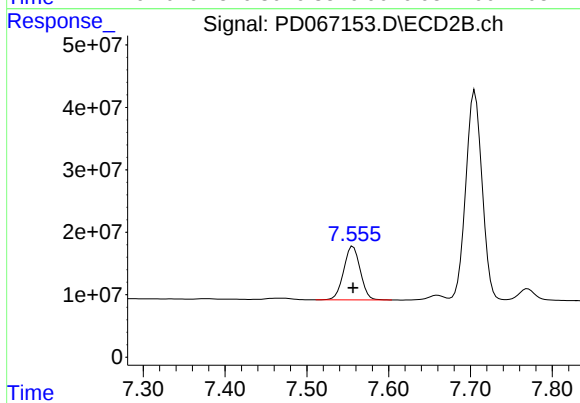
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 119820788
Conc: 19.96 ng/ml



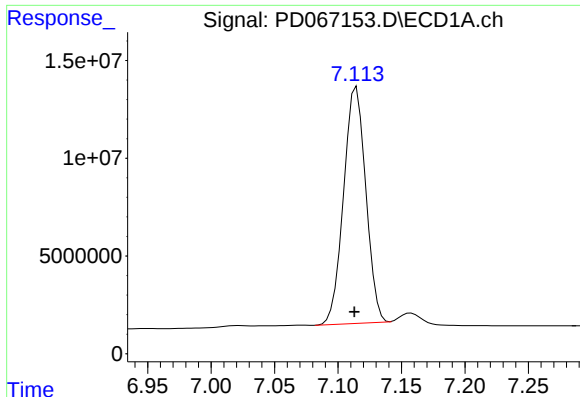
#20 Methoxychlor

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 39656813
Conc: 35.75 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 119749198
Conc: 37.18 ng/ml



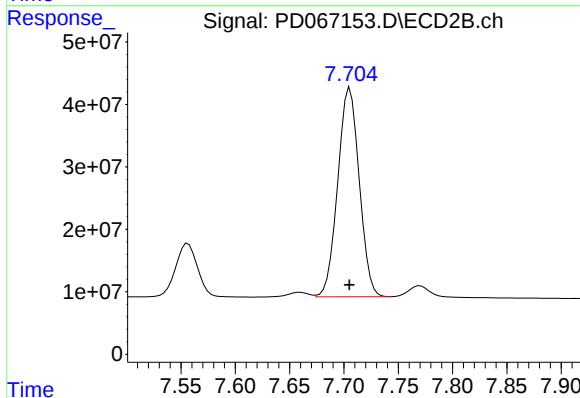
#21 Endrin ketone

R.T.: 7.115 min
Delta R.T.: 0.002 min
Response: 147182584
Conc: 64.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

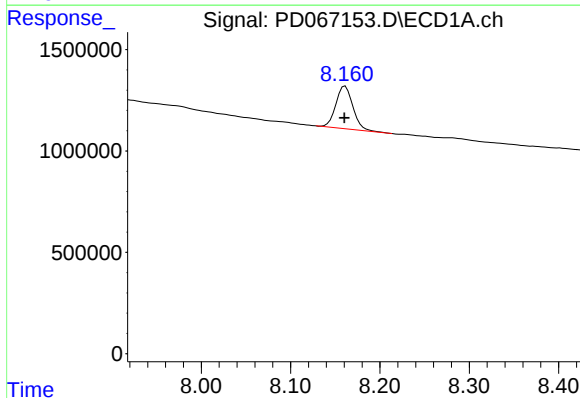
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Reviewed By :Abdul Mirza 12/02/2021
Supervised By :Ankita Jodhani 12/02/2021



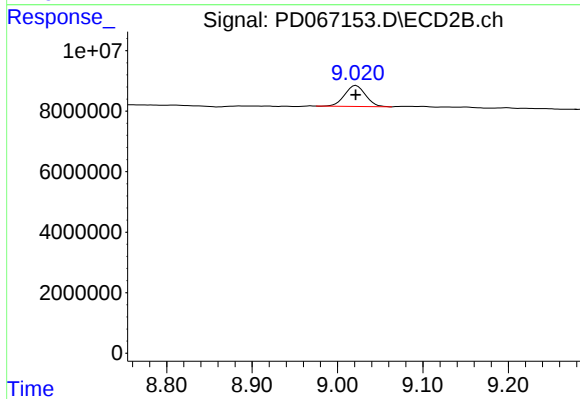
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 460703193
Conc: 63.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 2751319
Conc: 2.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.000 min
Response: 11709747
Conc: 2.33 ng/ml