

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072820\
 Data File : PD058769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2020 20:45
 Operator : AJ\MA
 Sample : L3460-01MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020MSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:23:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 08:01:25 2020
 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 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...	3.208	3.866	27777619	34354181	15.235	13.904
28)	SA Decachlor...	7.845	8.859	25402759	29358493	14.067	13.465m
Target Compounds							
2)	A alpha-BHC	3.631	4.249	107.0E6	147.2E6	37.359	39.056
3)	MA gamma-BHC...	3.902	4.529	98666448	130.0E6	38.531	37.612m
4)	MA Heptachlor	4.181	5.030	91177708	130.0E6	50.285	41.290
5)	MB Aldrin	4.416	5.330	85802521	128.5E6	36.020	40.526
6)	B beta-BHC	4.151	4.702	40435234	55809798	39.465	39.403
7)	B delta-BHC	4.342	4.913	99448494	102.8E6	39.212	33.408
8)	B Heptachlo...	4.849	5.714	77852187	112.5E6	39.670	38.661
9)	A Endosulfan I	5.176	6.067	72157547	87580434	36.415	33.218
10)	B gamma-Chl...	5.069	5.947	139.3E6	172.4E6	62.569	59.257
11)	B alpha-Chl...	5.125	6.019	120.0E6	170.7E6	54.171	59.340
12)	B 4,4'-DDE	5.294	6.178	84281585	104.7E6	39.052	38.109
13)	MA Dieldrin	5.413	6.322	97626639	112.2E6	54.746	39.266 #
14)	MA Endrin	5.665	6.536	71316469	88001377	50.076	41.346m
15)	B Endosulfa...	5.938	6.747	70539934	88225385	39.093	35.751
16)	A 4,4'-DDD	5.802	6.666	62928087	93842019	48.108	40.702
17)	MA 4,4'-DDT	6.036	6.963	65422174	87970048	44.386	38.336
18)	B Endrin al...	6.106	6.870	55271296	71658674	39.684	33.509
19)	B Endosulfa...	6.316	7.093	67432364	87235734	42.376	38.046
20)	A Methoxychlor	6.583	7.423	29476971	41722591	50.034	34.707 #
21)	B Endrin ke...	6.796	7.559	70523007	99748130	38.334	36.649
22)	Mirex	6.966	8.008	43665523	62937405	28.989	32.621m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072820\
Data File : PD058769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2020 20:45
Operator : AJ\MA
Sample : L3460-01MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

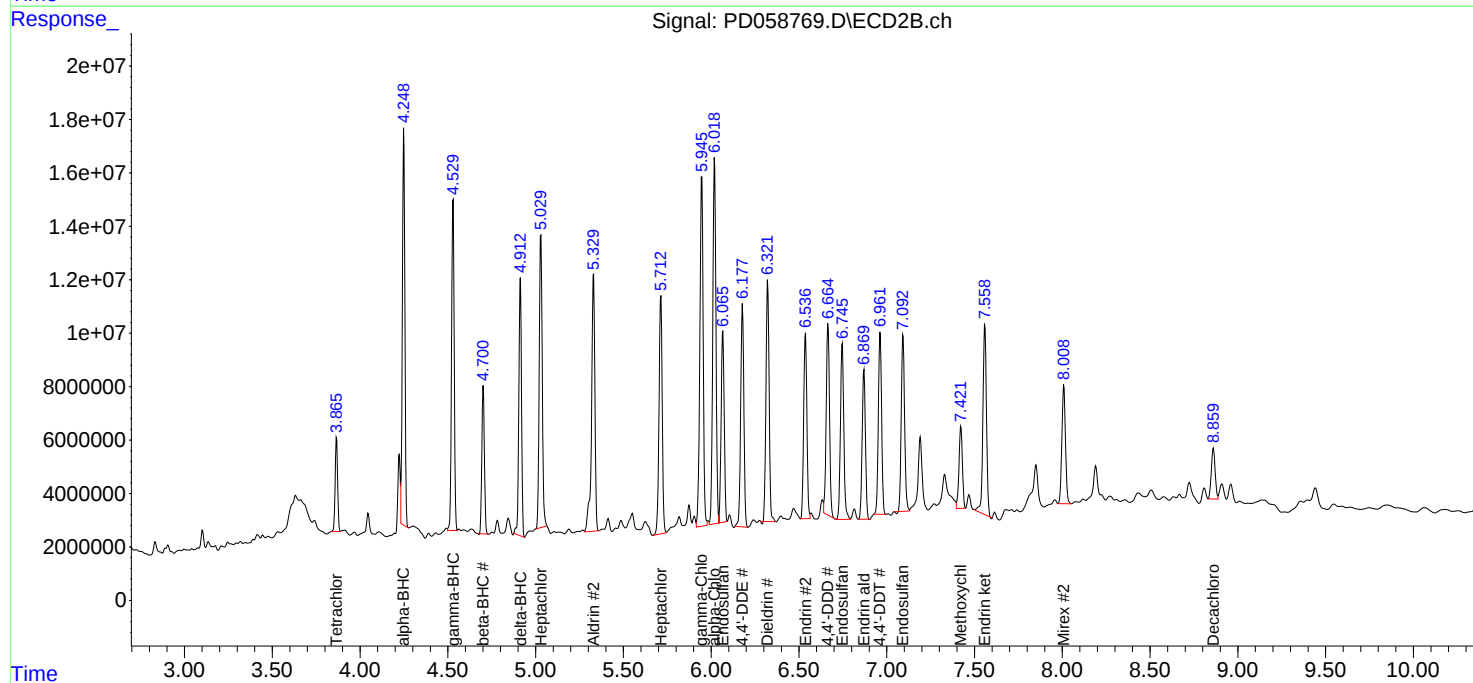
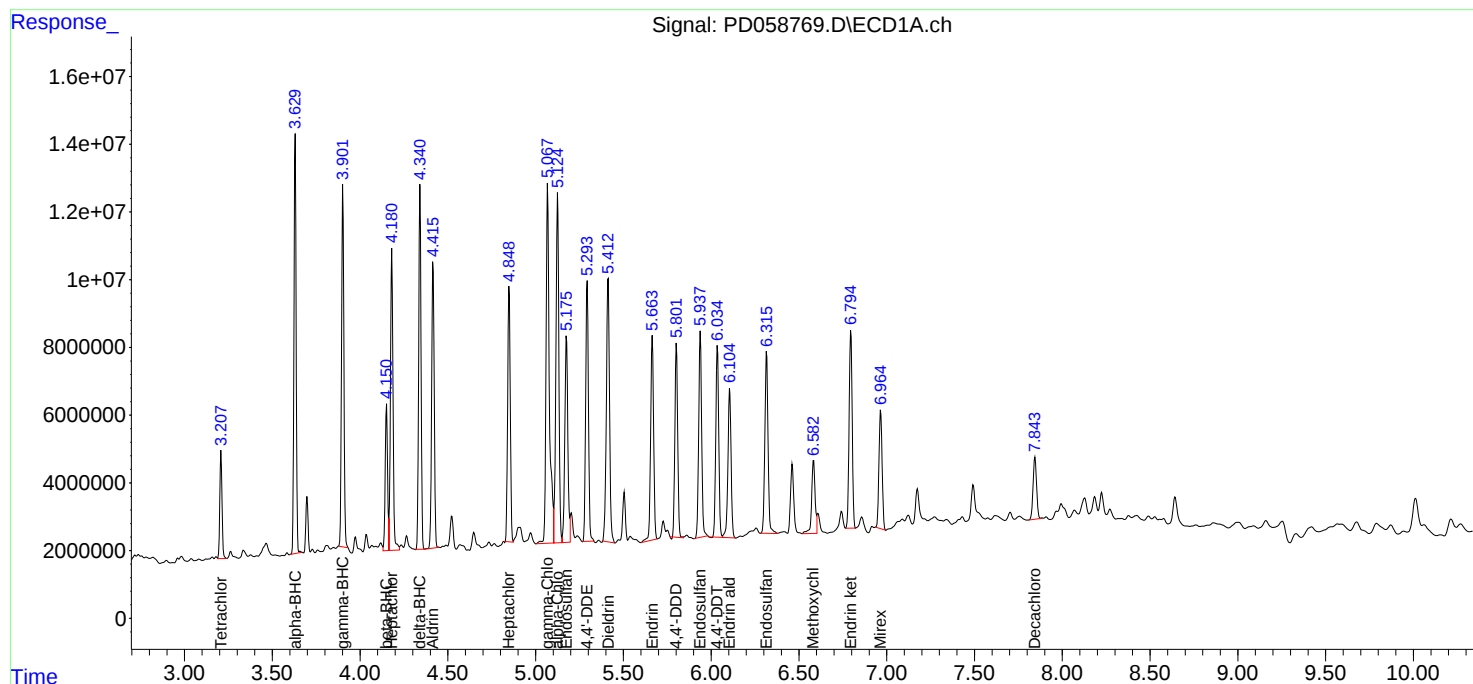
Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

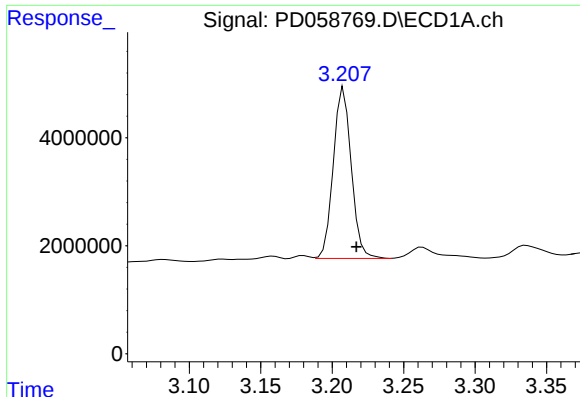
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 04:23:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
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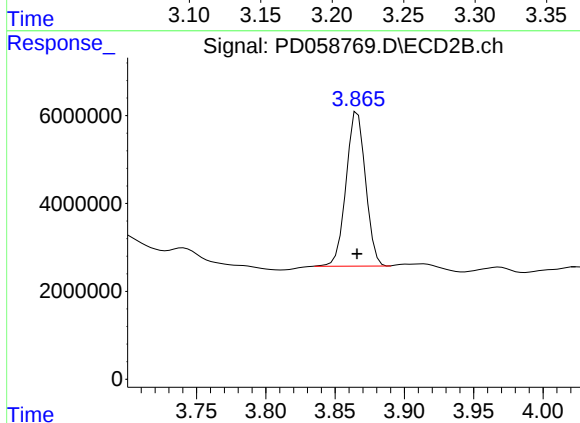
#1 Tetrachloro-m-xylene

R.T.: 3.208 min
Delta R.T.: -0.009 min
Response: 27777619
Conc: 15.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

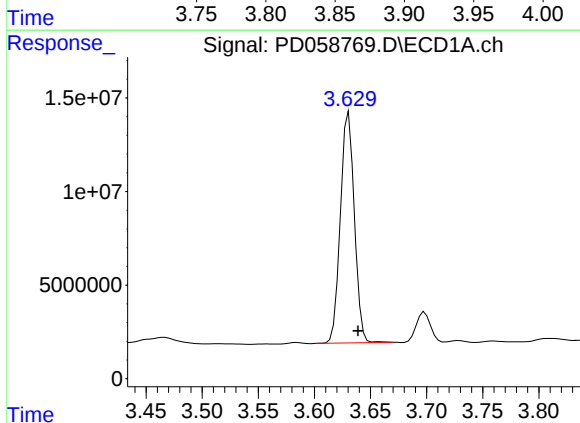
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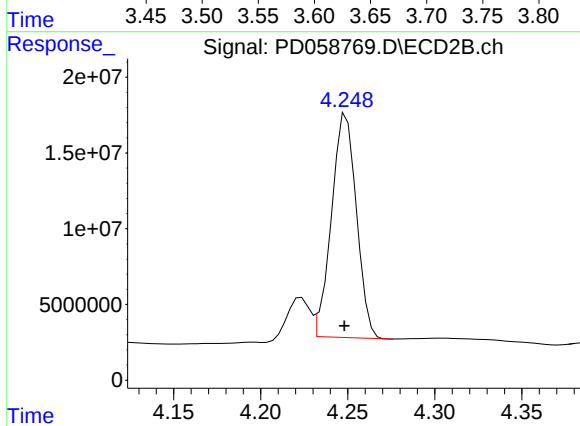
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 34354181
Conc: 13.90 ng/ml



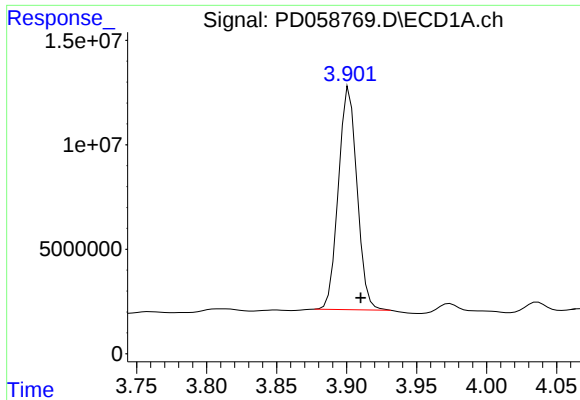
#2 alpha-BHC

R.T.: 3.631 min
Delta R.T.: -0.008 min
Response: 106965305
Conc: 37.36 ng/ml



#2 alpha-BHC

R.T.: 4.249 min
Delta R.T.: 0.001 min
Response: 147245071
Conc: 39.06 ng/ml



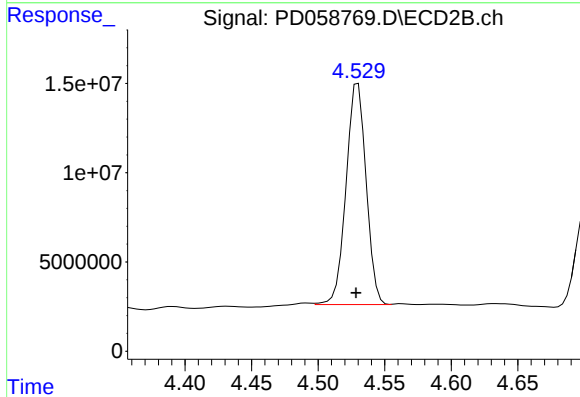
#3 gamma-BHC (Lindane)

R.T.: 3.902 min
Delta R.T.: -0.008 min
Response: 98666448
Conc: 38.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

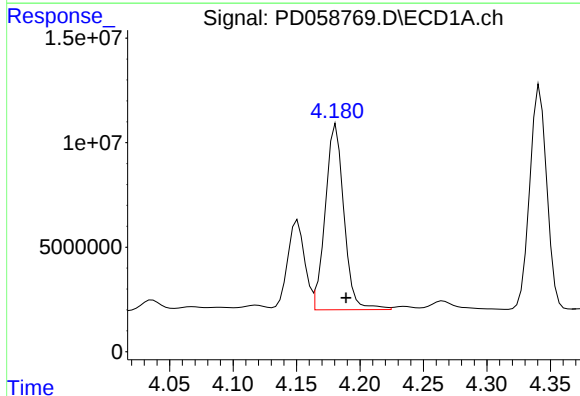
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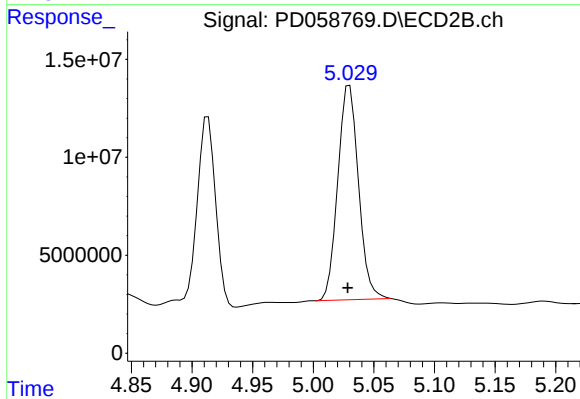
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 130021702
Conc: 37.61 ng/ml m



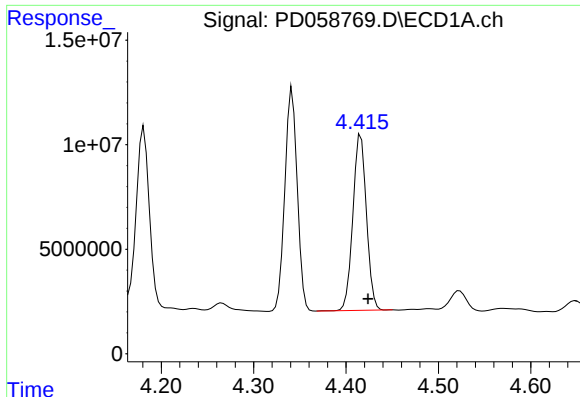
#4 Heptachlor

R.T.: 4.181 min
Delta R.T.: -0.008 min
Response: 91177708
Conc: 50.29 ng/ml



#4 Heptachlor

R.T.: 5.030 min
Delta R.T.: 0.002 min
Response: 129987366
Conc: 41.29 ng/ml



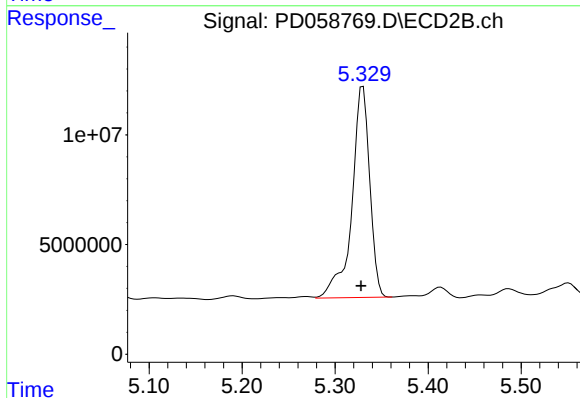
#5 Aldrin

R.T.: 4.416 min
Delta R.T.: -0.008 min
Response: 85802521
Conc: 36.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

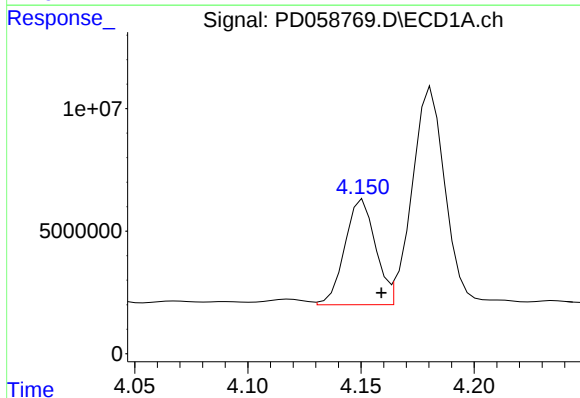
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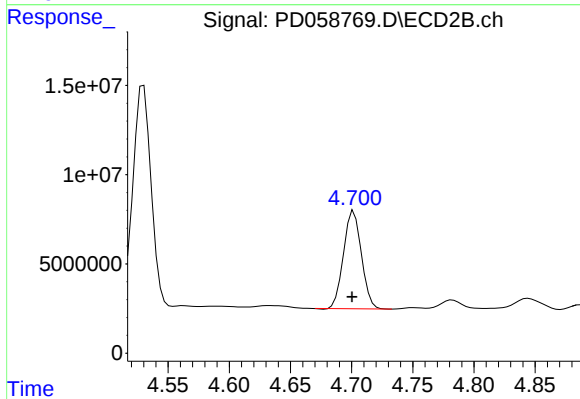
#5 Aldrin

R.T.: 5.330 min
Delta R.T.: 0.002 min
Response: 128511401
Conc: 40.53 ng/ml



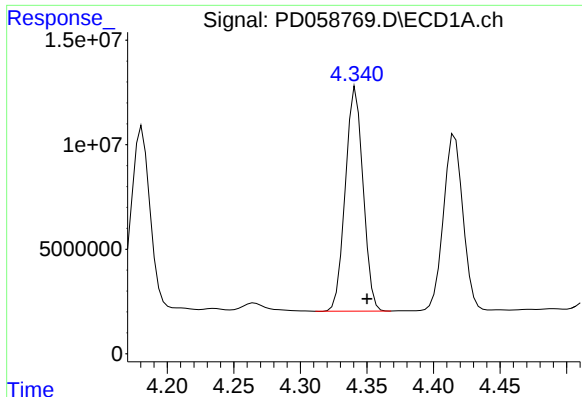
#6 beta-BHC

R.T.: 4.151 min
Delta R.T.: -0.008 min
Response: 40435234
Conc: 39.47 ng/ml



#6 beta-BHC

R.T.: 4.702 min
Delta R.T.: 0.002 min
Response: 55809798
Conc: 39.40 ng/ml



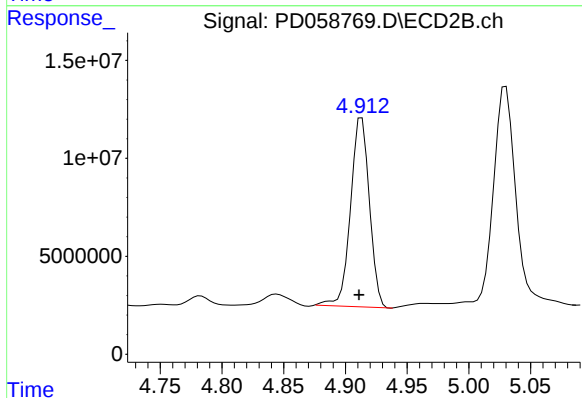
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: -0.008 min
Response: 99448494
Conc: 39.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

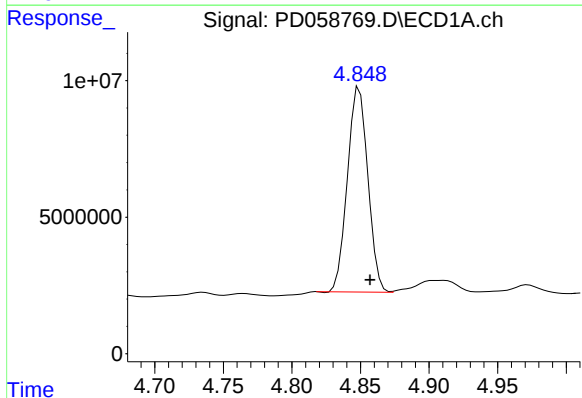
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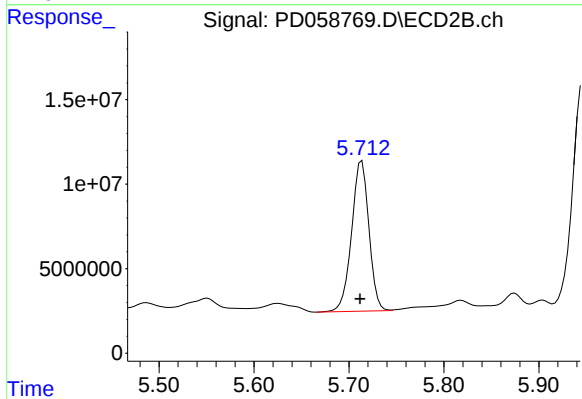
#7 delta-BHC

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 102753265
Conc: 33.41 ng/ml



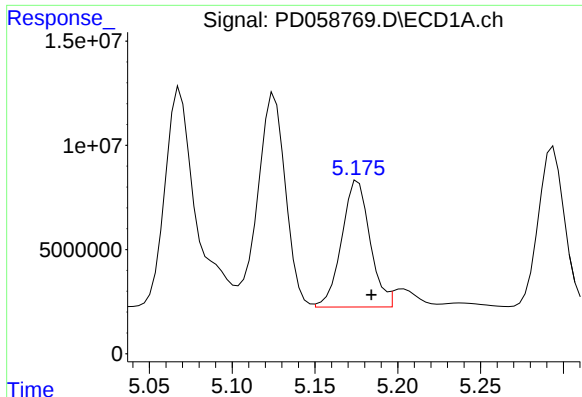
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.008 min
Response: 77852187
Conc: 39.67 ng/ml



#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.002 min
Response: 112542500
Conc: 38.66 ng/ml



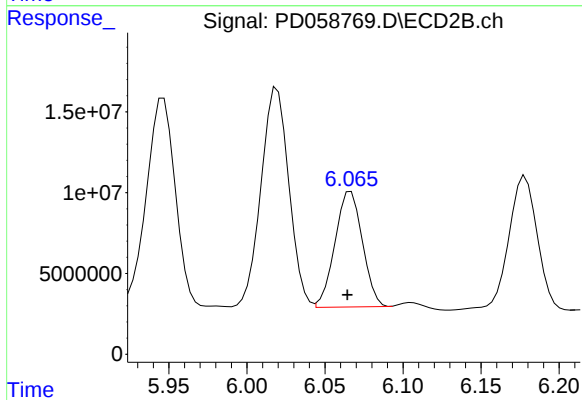
#9 Endosulfan I

R.T.: 5.176 min
Delta R.T.: -0.008 min
Response: 72157547
Conc: 36.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

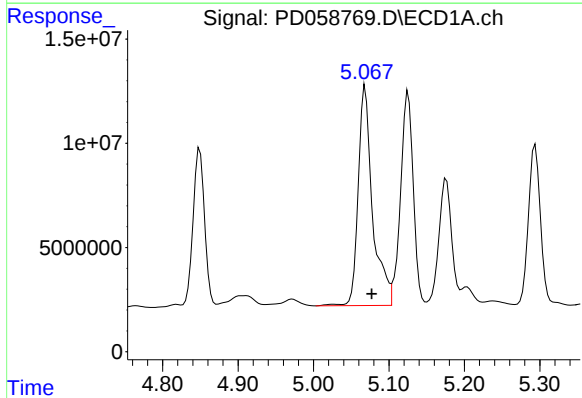
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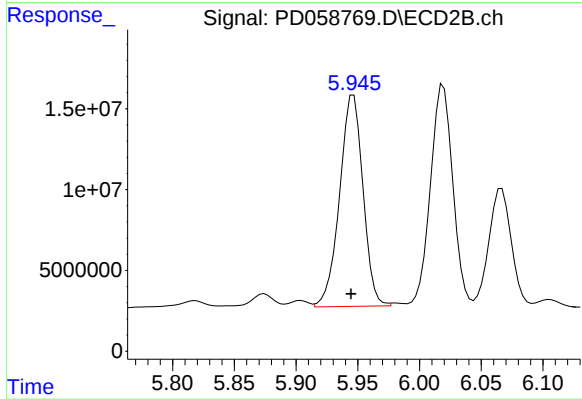
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 87580434
Conc: 33.22 ng/ml



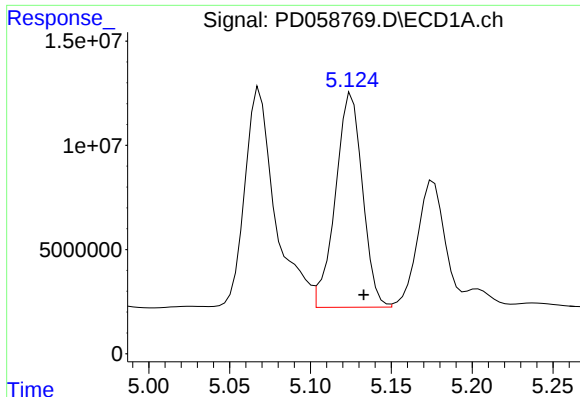
#10 gamma-Chlordane

R.T.: 5.069 min
Delta R.T.: -0.008 min
Response: 139301245
Conc: 62.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.002 min
Response: 172438216
Conc: 59.26 ng/ml



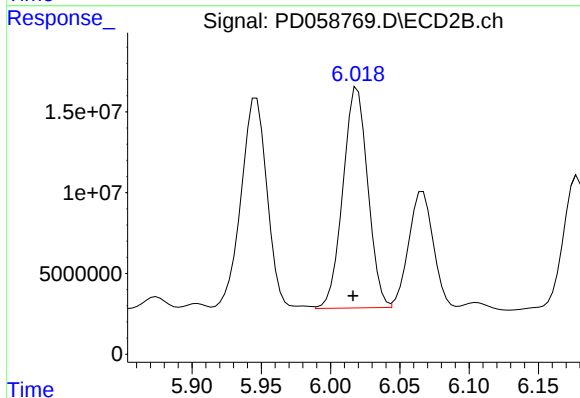
#11 alpha-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.008 min
Response: 119950351
Conc: 54.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

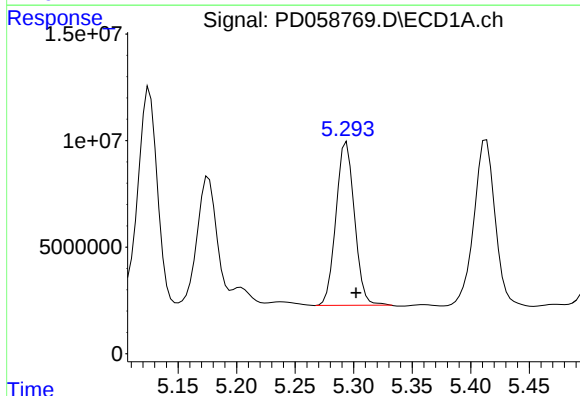
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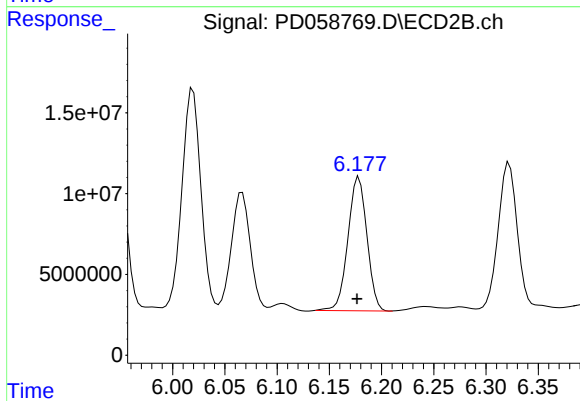
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.003 min
Response: 170660860
Conc: 59.34 ng/ml



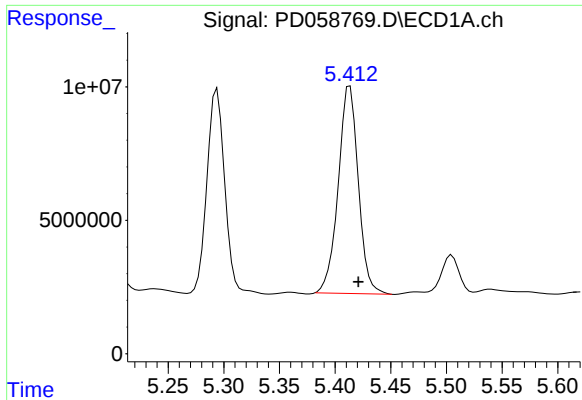
#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.008 min
Response: 84281585
Conc: 39.05 ng/ml



#12 4,4'-DDE

R.T.: 6.178 min
Delta R.T.: 0.002 min
Response: 104739828
Conc: 38.11 ng/ml



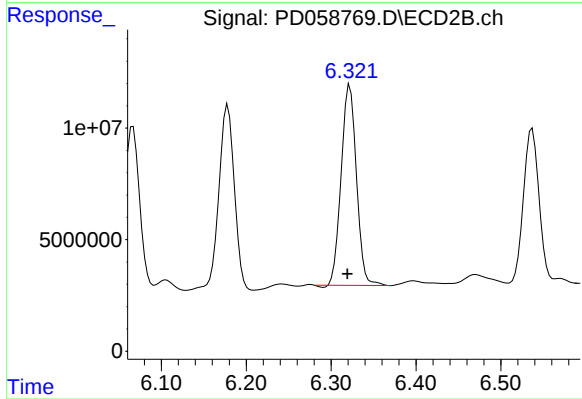
#13 Dieldrin

R.T.: 5.413 min
Delta R.T.: -0.008 min
Response: 97626639
Conc: 54.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

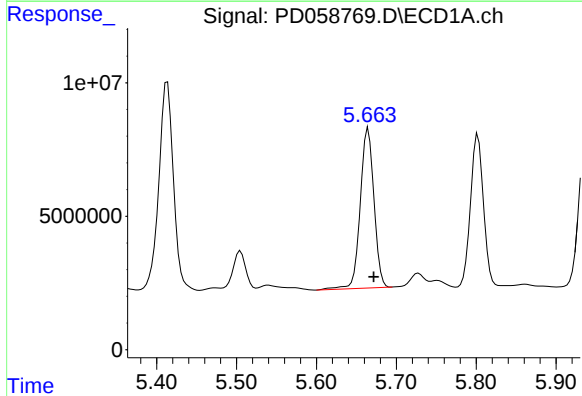
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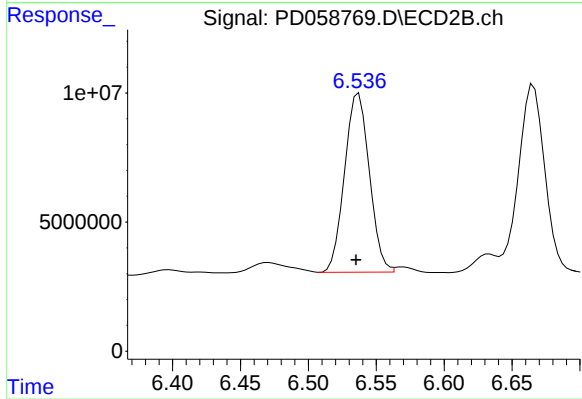
#13 Dieldrin

R.T.: 6.322 min
Delta R.T.: 0.003 min
Response: 112171822
Conc: 39.27 ng/ml



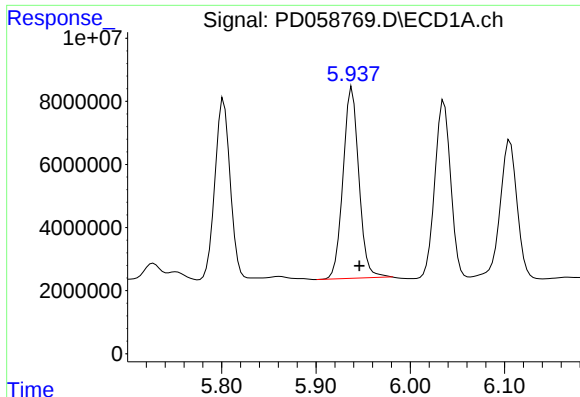
#14 Endrin

R.T.: 5.665 min
Delta R.T.: -0.007 min
Response: 71316469
Conc: 50.08 ng/ml



#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 88001377
Conc: 41.35 ng/ml m



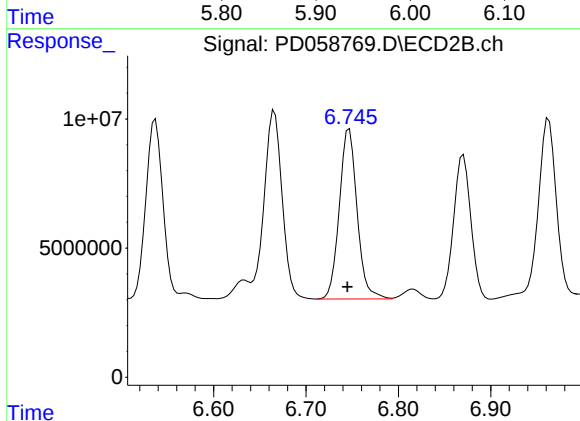
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 70539934
Conc: 39.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

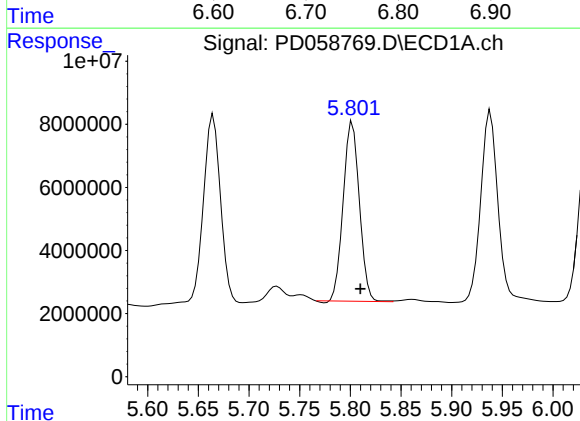
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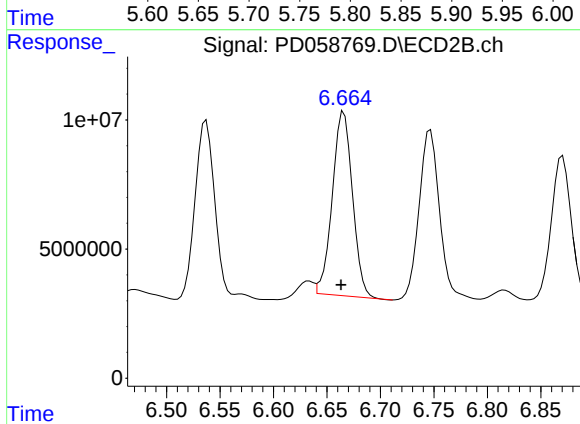
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 88225385
Conc: 35.75 ng/ml



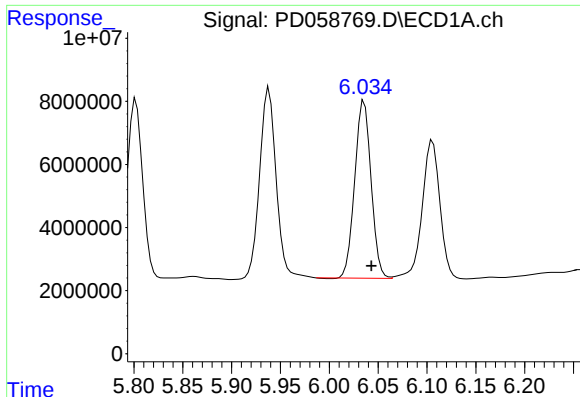
#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: -0.008 min
Response: 62928087
Conc: 48.11 ng/ml



#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.002 min
Response: 93842019
Conc: 40.70 ng/ml



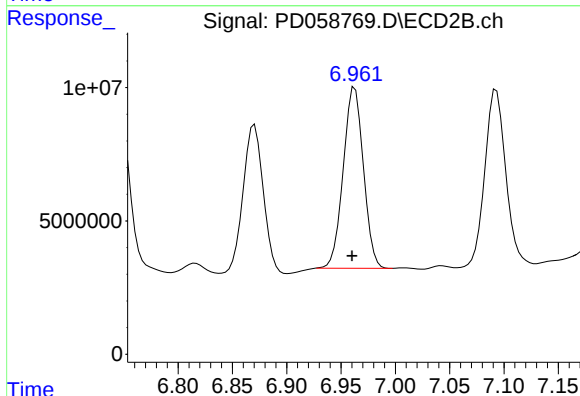
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.007 min
Response: 65422174
Conc: 44.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

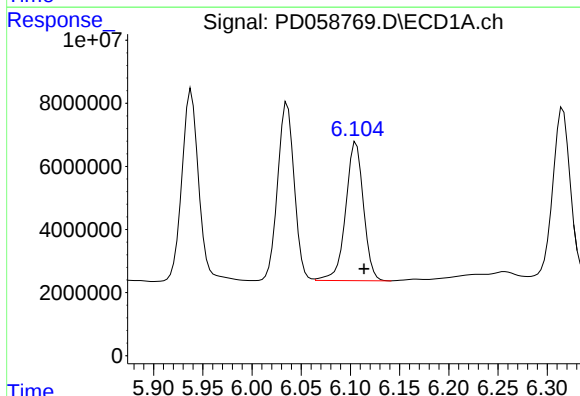
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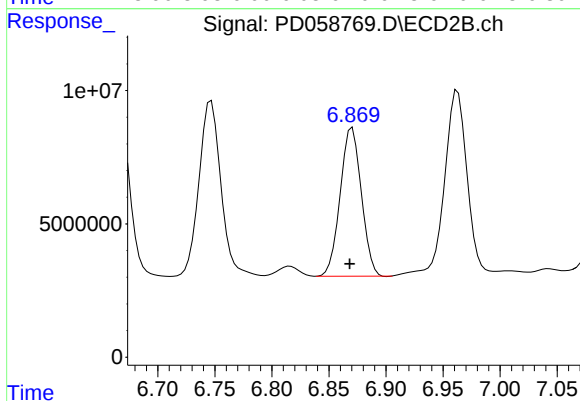
#17 4,4'-DDT

R.T.: 6.963 min
Delta R.T.: 0.003 min
Response: 87970048
Conc: 38.34 ng/ml



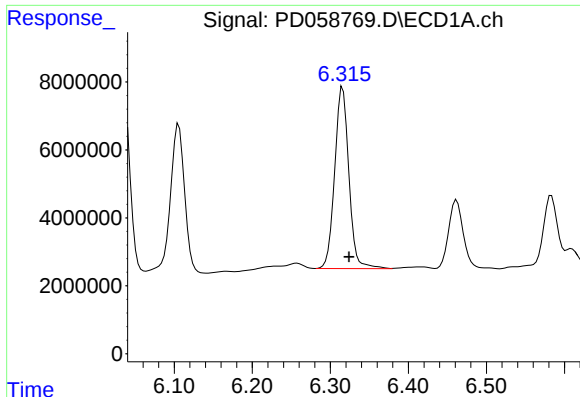
#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.008 min
Response: 55271296
Conc: 39.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: 0.002 min
Response: 71658674
Conc: 33.51 ng/ml



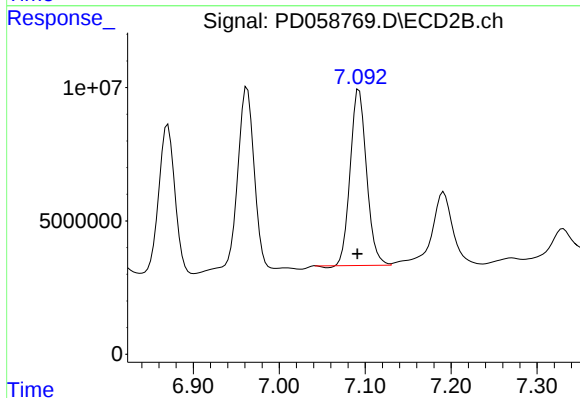
#19 Endosulfan Sulfate

R.T.: 6.316 min
Delta R.T.: -0.008 min
Response: 67432364
Conc: 42.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

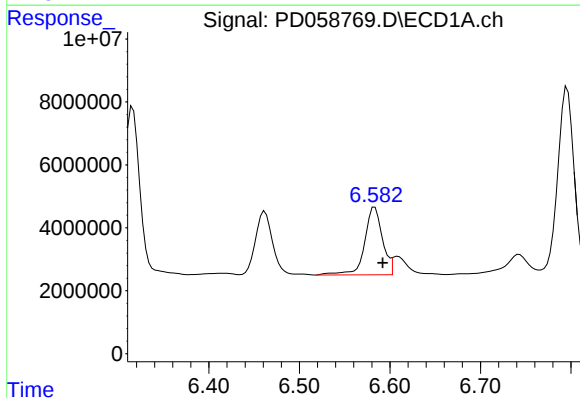
Manual Integrations
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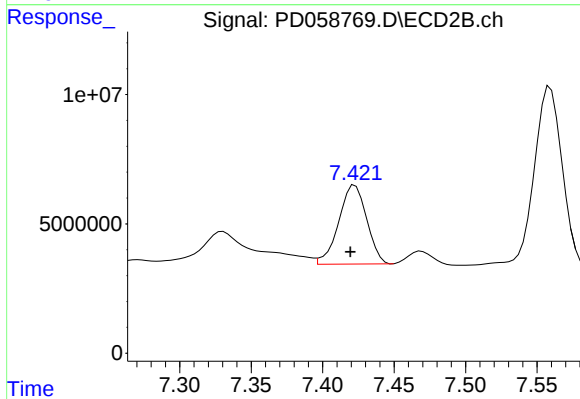
#19 Endosulfan Sulfate

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 87235734
Conc: 38.05 ng/ml



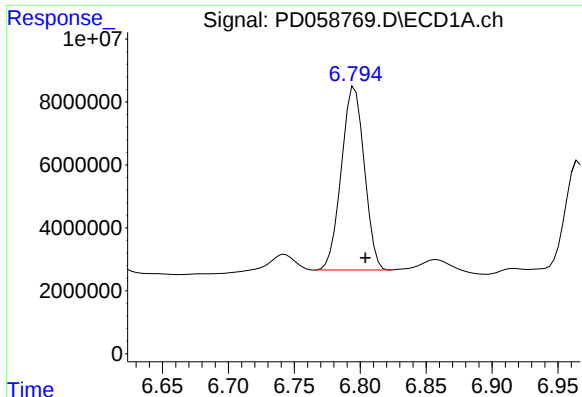
#20 Methoxychlor

R.T.: 6.583 min
Delta R.T.: -0.009 min
Response: 29476971
Conc: 50.03 ng/ml



#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: 0.003 min
Response: 41722591
Conc: 34.71 ng/ml



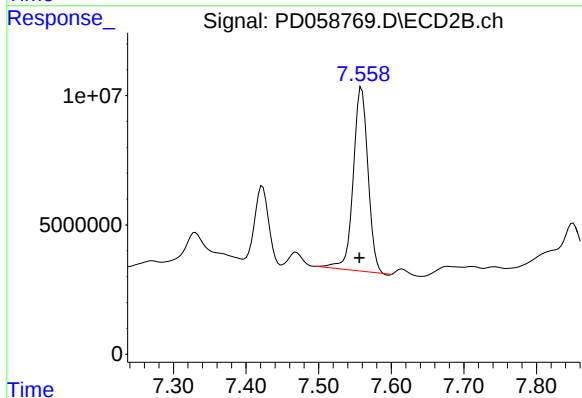
#21 Endrin ketone

R.T.: 6.796 min
Delta R.T.: -0.008 min
Response: 70523007
Conc: 38.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

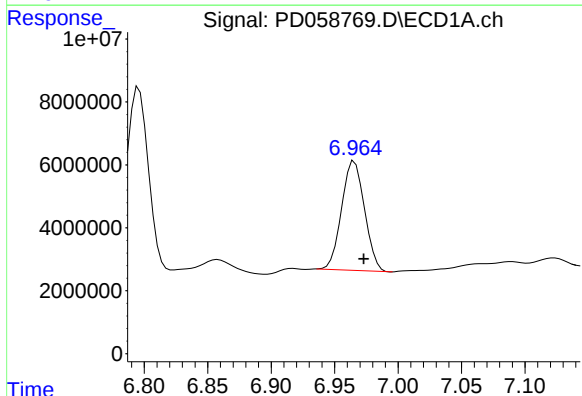
Manual Integrations
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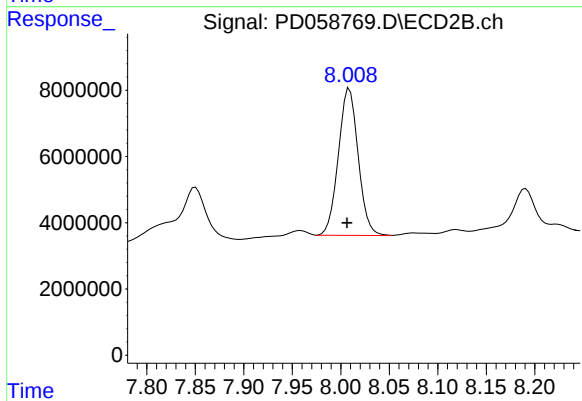
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: 0.003 min
Response: 99748130
Conc: 36.65 ng/ml



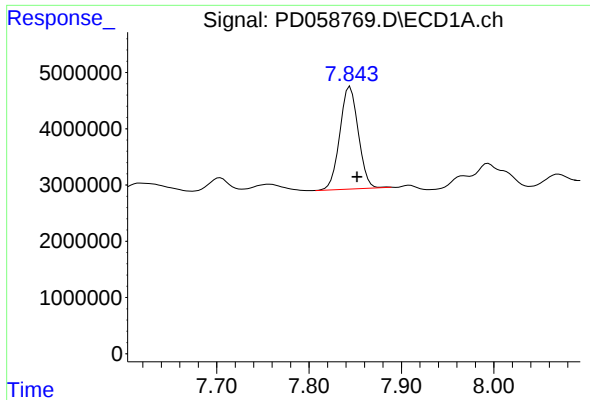
#22 Mirex

R.T.: 6.966 min
Delta R.T.: -0.007 min
Response: 43665523
Conc: 28.99 ng/ml



#22 Mirex

R.T.: 8.008 min
Delta R.T.: 0.001 min
Response: 62937405
Conc: 32.62 ng/ml m



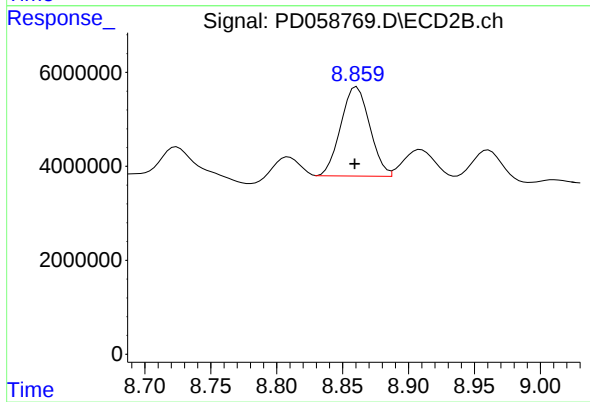
#28 Decachlorobiphenyl

R.T.: 7.845 min
Delta R.T.: -0.007 min
Response: 25402759
Conc: 14.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
CARLSTADT-TOPSOIL-2020MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 29358493
Conc: 13.47 ng/ml m