

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
 Data File : PD065298.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 12:25
 Operator : AR\AJ
 Sample : M3463-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SWCS-20-0003MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 03:37:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 25 05:44:31 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 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...	3.499	4.013	26706654	188.3E6	24.771	27.544
28)	SA Decachlor...	8.243	9.085	30746771	108.8E6	22.659	25.120
Target Compounds							
2)	A alpha-BHC	3.939	4.408	83134667	562.4E6	54.090	56.825
3)	MA gamma-BHC...	4.222	4.693	77480502	520.5E6	51.017	57.829m
4)	MA Heptachlor	4.520	5.198	73949454	475.8E6	51.906	56.234
5)	MB Aldrin	4.769	5.504	70410878	432.9E6	53.292	55.628
6)	B beta-BHC	4.470	4.870	36512077	225.1E6	55.022	59.328
7)	B delta-BHC	4.675	5.087	77339728	475.0E6	52.552	54.825
8)	B Heptachlo...	5.211	5.893	66954065	422.8E6	52.970	66.422 #
9)	A Endosulfan I	5.550	6.251	63193196	353.1E6	52.802	57.869
10)	B gamma-Chl...	5.436	6.127	67677895	376.1E6	53.175	57.167
11)	B alpha-Chl...	5.495	6.199	65680479	367.7E6	51.999	56.943
12)	B 4,4'-DDE	5.658	6.357	66119004	358.6E6	55.337	57.798
13)	MA Dieldrin	5.792	6.509	69370171	379.7E6	54.808	59.927
14)	MA Endrin	6.051	6.728	77032121	251.8E6	64.296	46.891 #
15)	B Endosulfa...	6.322	6.942	61871088	312.9E6	53.511	59.919
16)	A 4,4'-DDD	6.172	6.851	57298163	297.3E6	53.598	56.962
17)	MA 4,4'-DDT	6.413	7.149	60879628	305.7E6	52.564	56.864
18)	B Endrin al...	6.491	7.066	52175399	259.4E6	54.672	61.346
19)	B Endosulfa...	6.703	7.288	65681476	314.0E6	53.200	59.984
20)	A Methoxychlor	6.959	7.608	35724226	163.3E6	50.860	58.450
21)	B Endrin ke...	7.197	7.762	78908616	350.0E6	53.769	59.383
22)	Mirex	7.382	8.211	61224932	240.3E6	58.637	58.197

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
Data File : PD065298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2021 12:25
Operator : AR\AJ
Sample : M3463-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

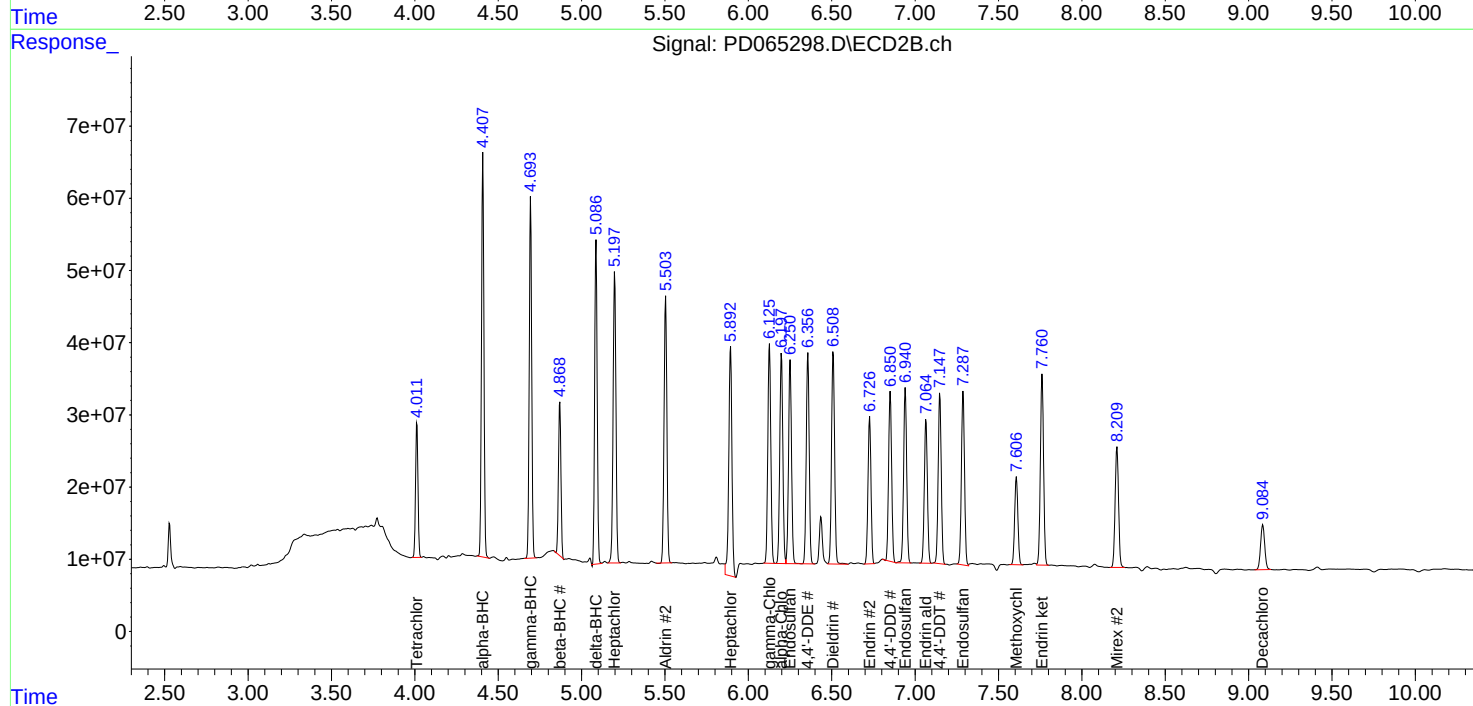
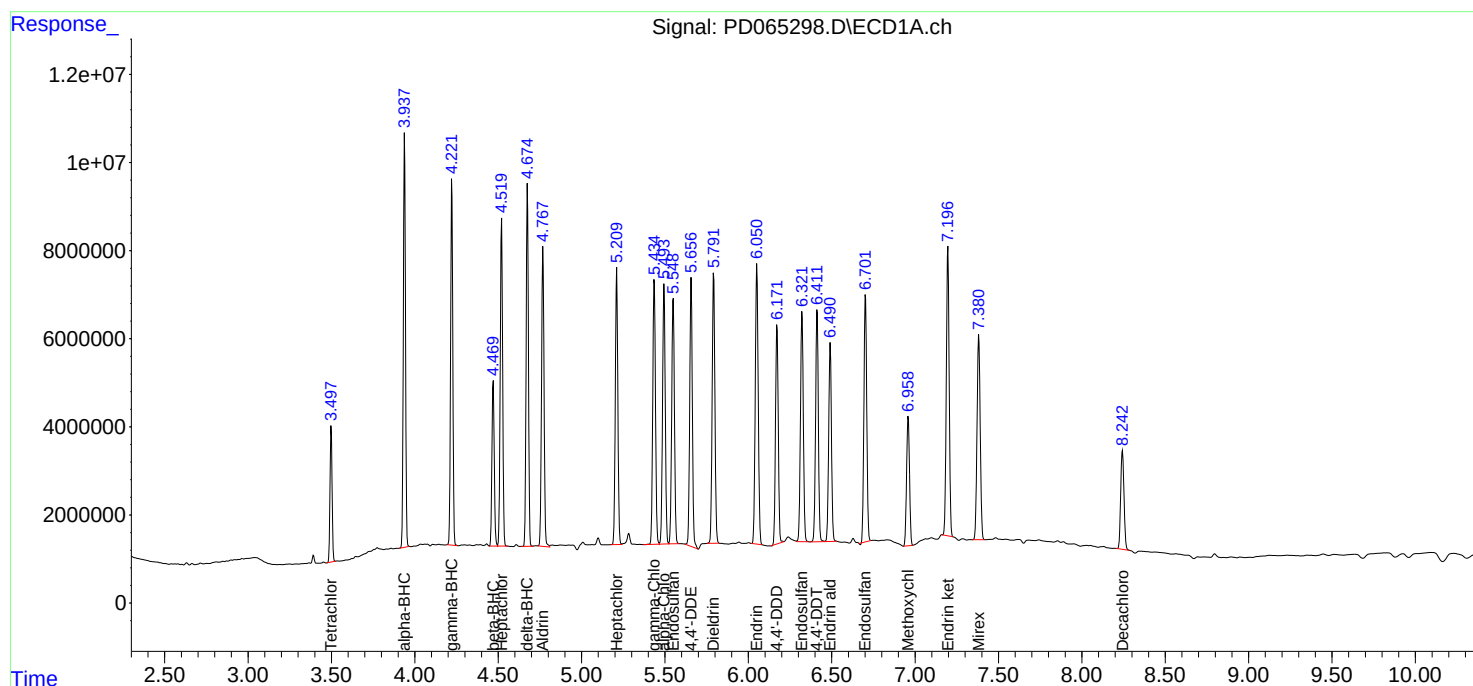
Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

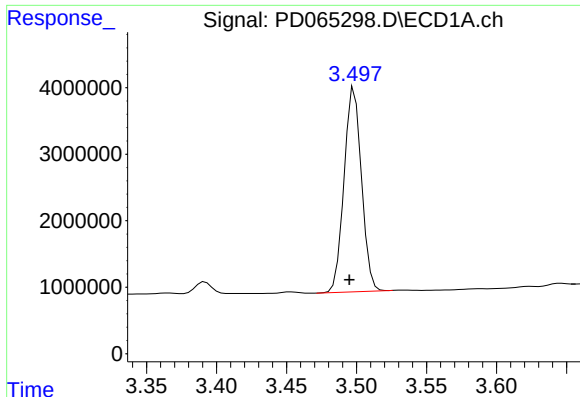
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 26 03:37:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
Quant Title : GC Extractables
QLast Update : Wed Aug 25 05:44:31 2021
Response 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





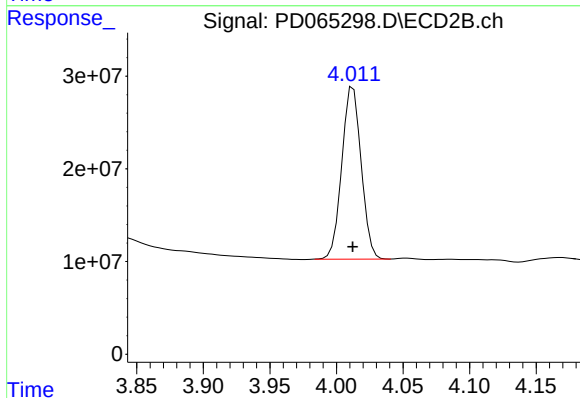
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.004 min
Response: 26706654
Conc: 24.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

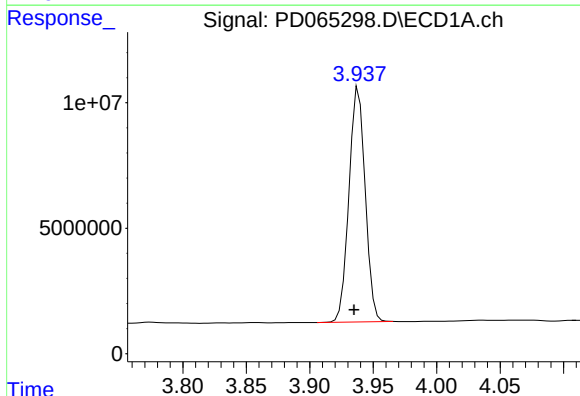
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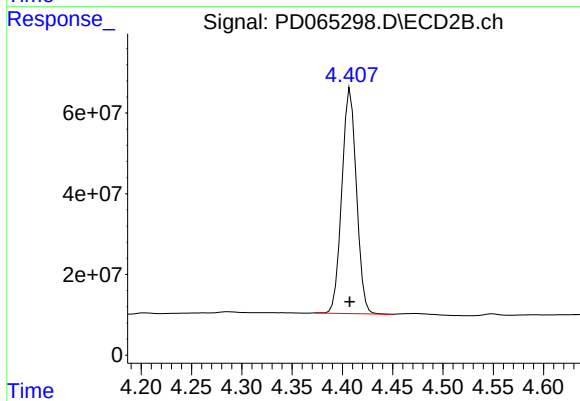
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 188330533
Conc: 27.54 ng/ml



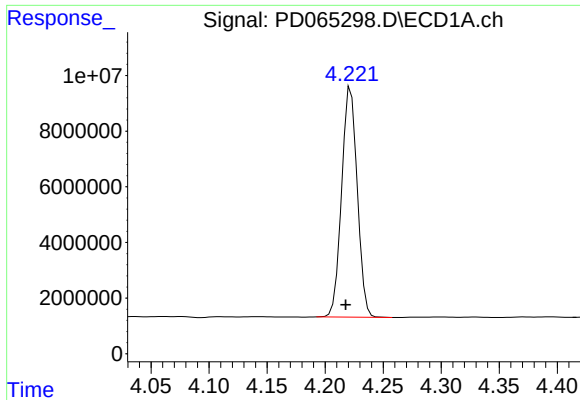
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: 0.004 min
Response: 83134667
Conc: 54.09 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 562354174
Conc: 56.82 ng/ml



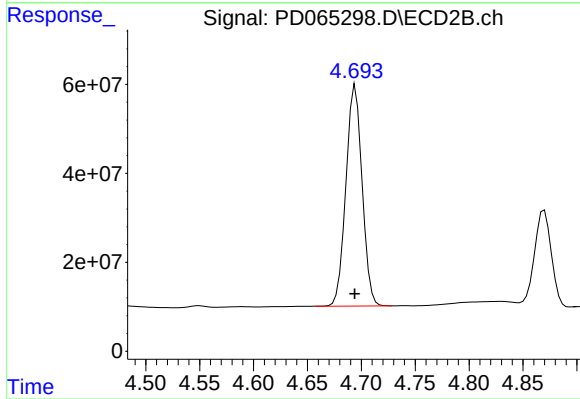
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.004 min
Response: 77480502
Conc: 51.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

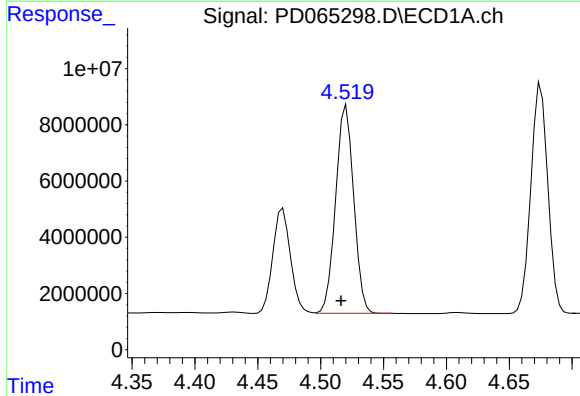
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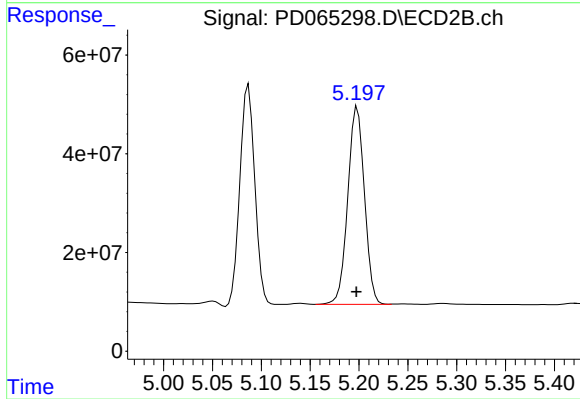
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 520463107
Conc: 57.83 ng/ml m



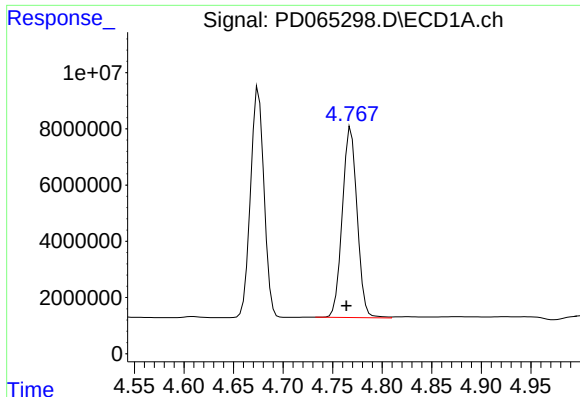
#4 Heptachlor

R.T.: 4.520 min
Delta R.T.: 0.004 min
Response: 73949454
Conc: 51.91 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 475812842
Conc: 56.23 ng/ml



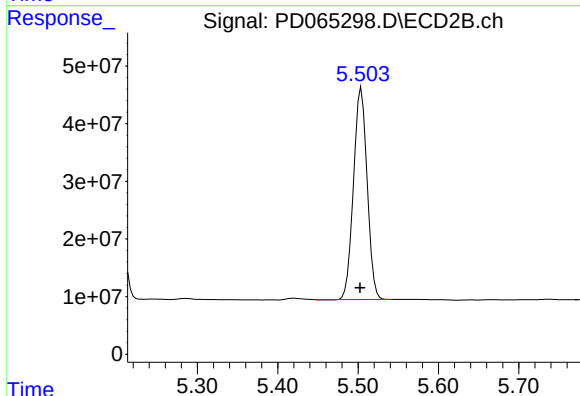
#5 Aldrin

R.T.: 4.769 min
Delta R.T.: 0.005 min
Response: 70410878
Conc: 53.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

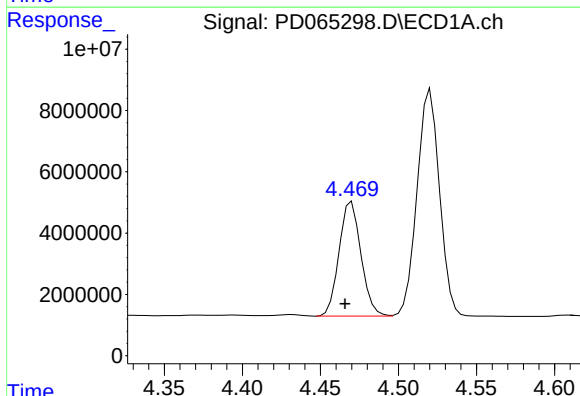
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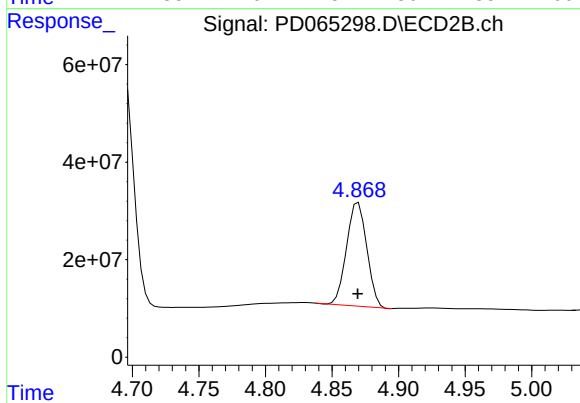
#5 Aldrin

R.T.: 5.504 min
Delta R.T.: 0.001 min
Response: 432882150
Conc: 55.63 ng/ml



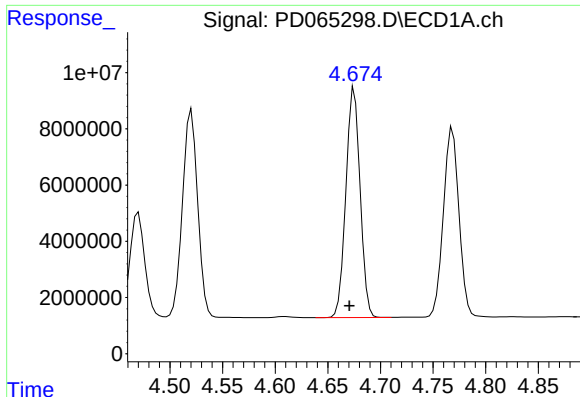
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.004 min
Response: 36512077
Conc: 55.02 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 225087540
Conc: 59.33 ng/ml



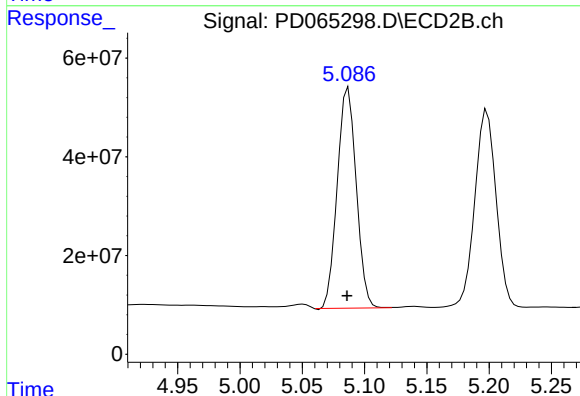
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.005 min
Response: 77339728
Conc: 52.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

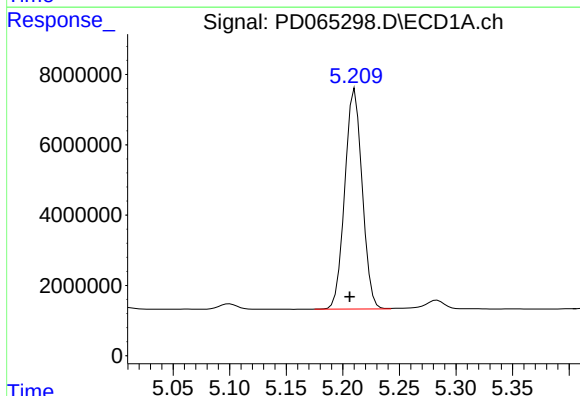
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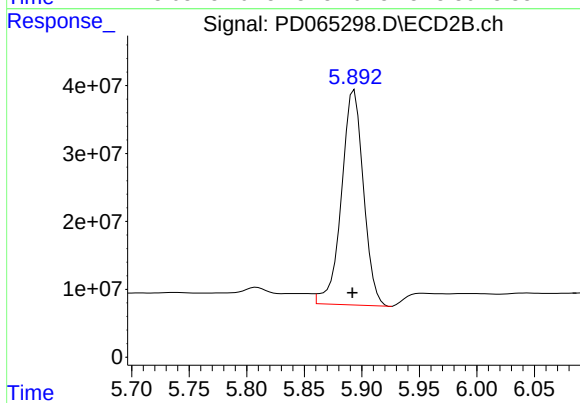
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 474952814
Conc: 54.83 ng/ml



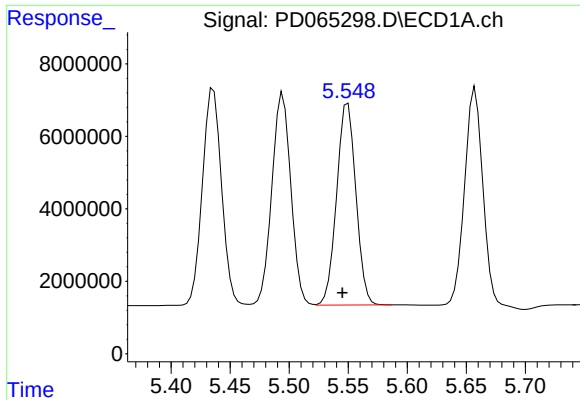
#8 Heptachlor epoxide

R.T.: 5.211 min
Delta R.T.: 0.004 min
Response: 66954065
Conc: 52.97 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 422776344
Conc: 66.42 ng/ml



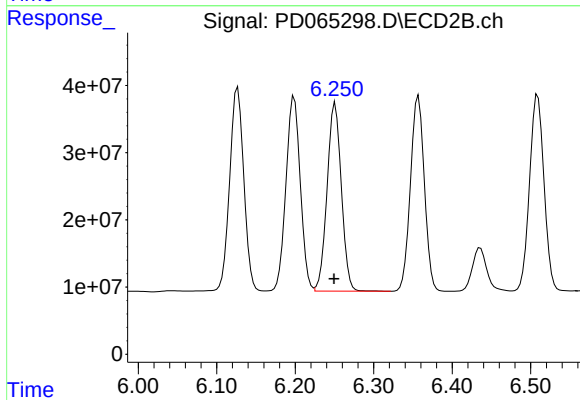
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.005 min
Response: 63193196
Conc: 52.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

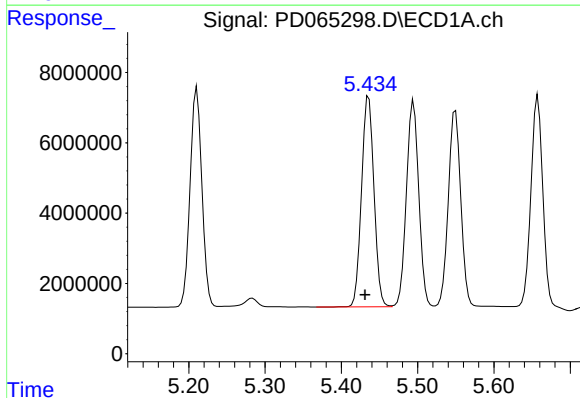
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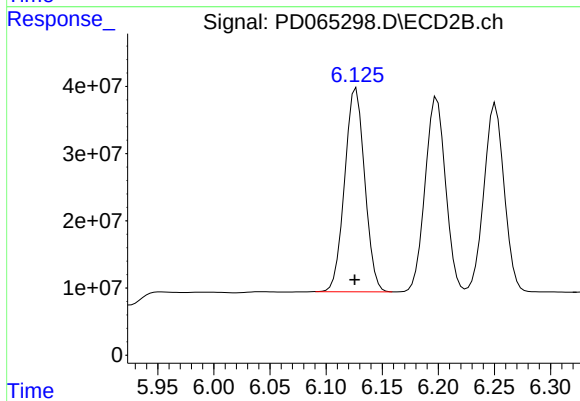
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.001 min
Response: 353120284
Conc: 57.87 ng/ml



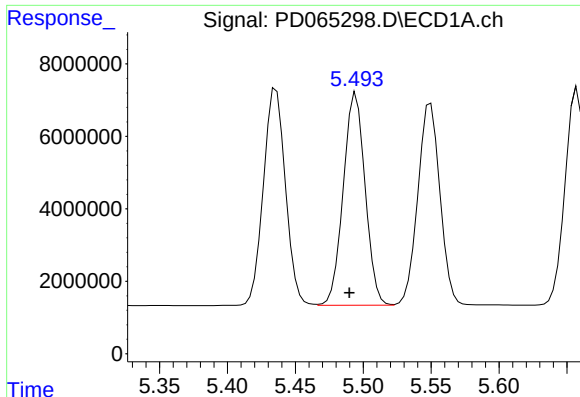
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.005 min
Response: 67677895
Conc: 53.18 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.001 min
Response: 376145979
Conc: 57.17 ng/ml



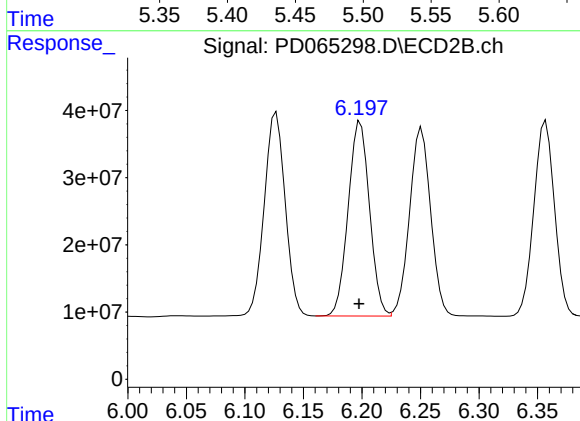
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.005 min
Response: 65680479
Conc: 52.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

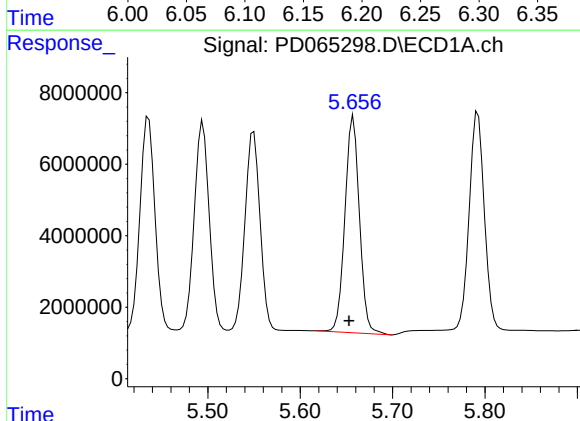
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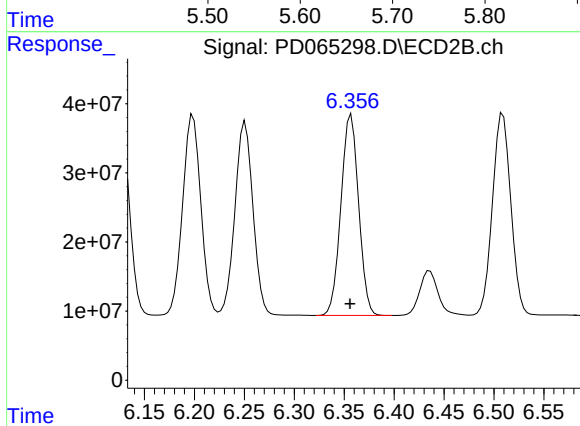
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.001 min
Response: 367721497
Conc: 56.94 ng/ml



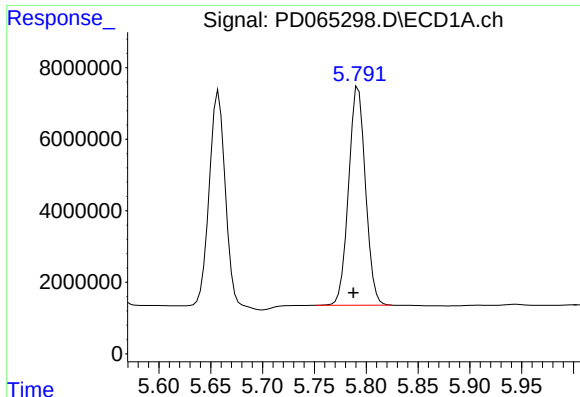
#12 4,4'-DDE

R.T.: 5.658 min
Delta R.T.: 0.005 min
Response: 66119004
Conc: 55.34 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 358564860
Conc: 57.80 ng/ml



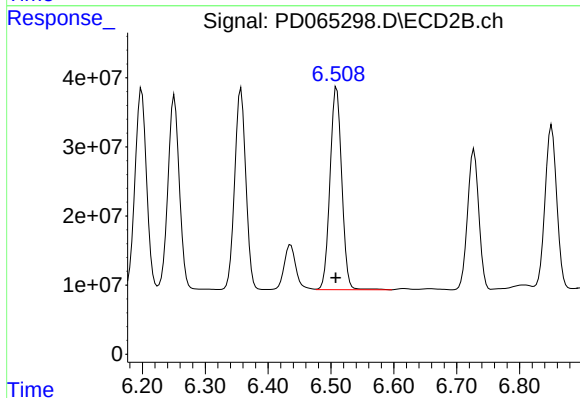
#13 Dieldrin

R.T.: 5.792 min
Delta R.T.: 0.005 min
Response: 69370171
Conc: 54.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

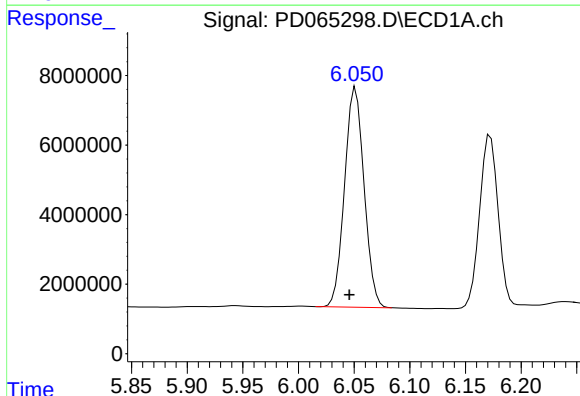
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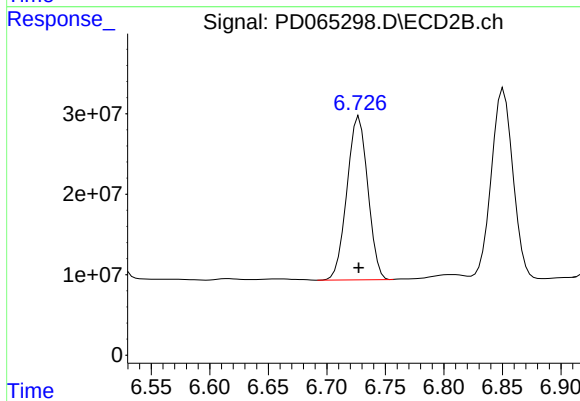
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.001 min
Response: 379666572
Conc: 59.93 ng/ml



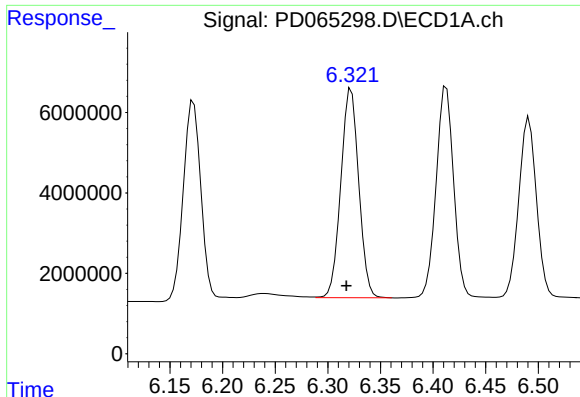
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.006 min
Response: 77032121
Conc: 64.30 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 251845695
Conc: 46.89 ng/ml



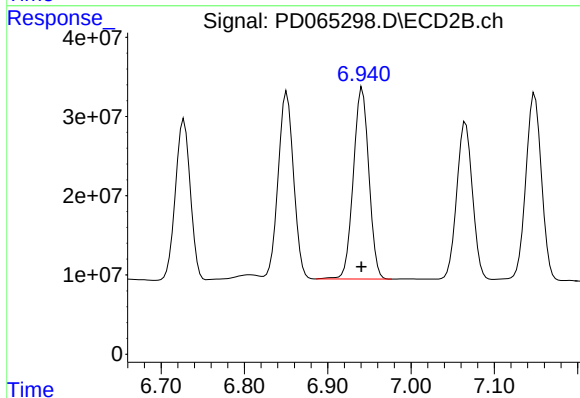
#15 Endosulfan II

R.T.: 6.322 min
Delta R.T.: 0.004 min
Response: 61871088
Conc: 53.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

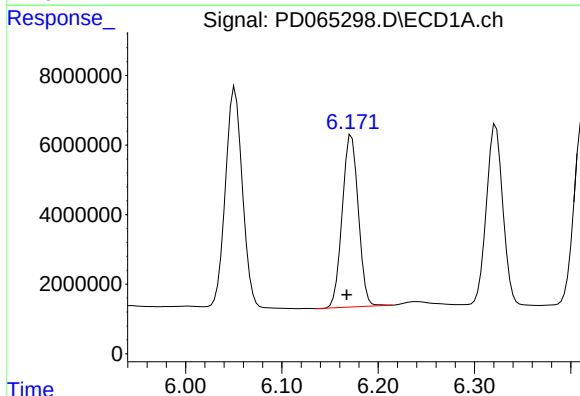
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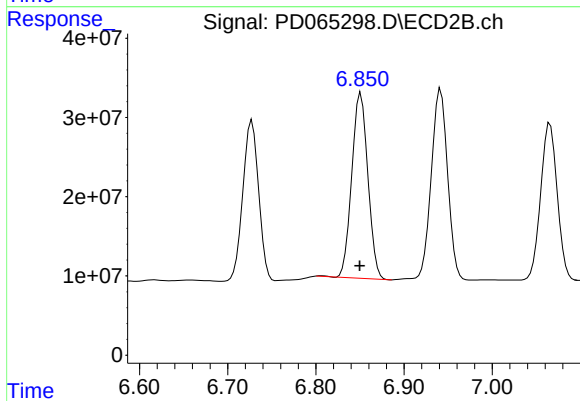
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 312935919
Conc: 59.92 ng/ml



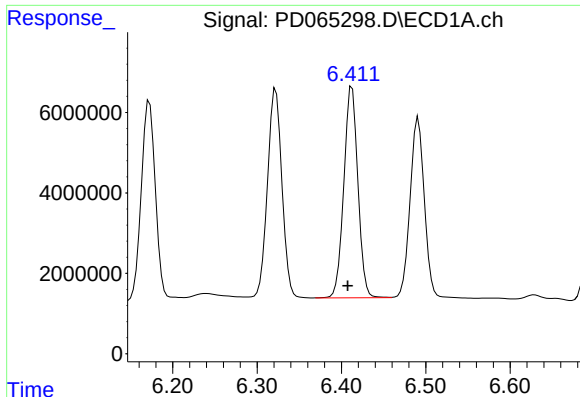
#16 4,4'-DDD

R.T.: 6.172 min
Delta R.T.: 0.005 min
Response: 57298163
Conc: 53.60 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.001 min
Response: 297287739
Conc: 56.96 ng/ml



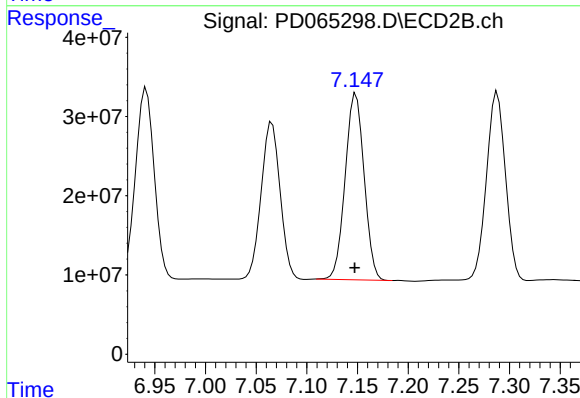
#17 4,4'-DDT

R.T.: 6.413 min
Delta R.T.: 0.005 min
Response: 60879628
Conc: 52.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

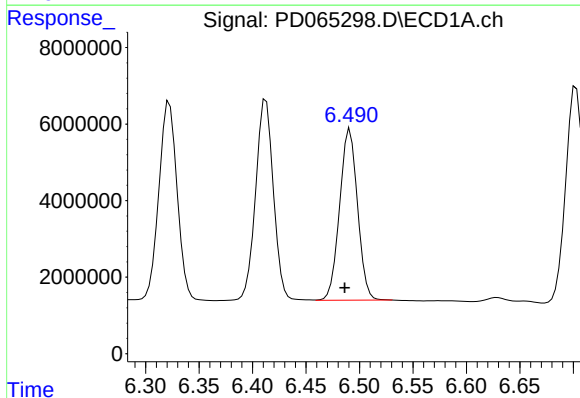
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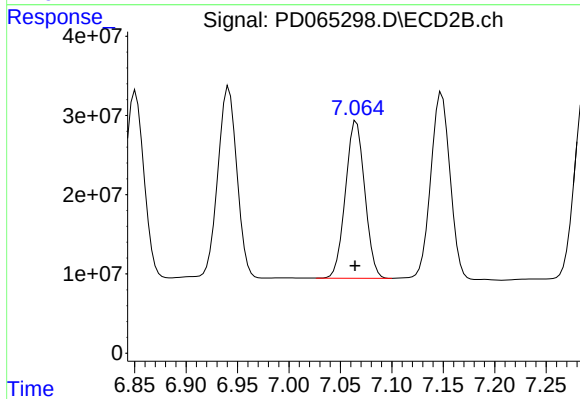
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 305745454
Conc: 56.86 ng/ml



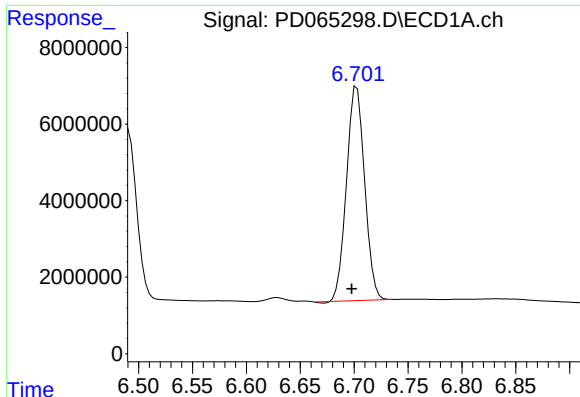
#18 Endrin aldehyde

R.T.: 6.491 min
Delta R.T.: 0.005 min
Response: 52175399
Conc: 54.67 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.001 min
Response: 259412107
Conc: 61.35 ng/ml



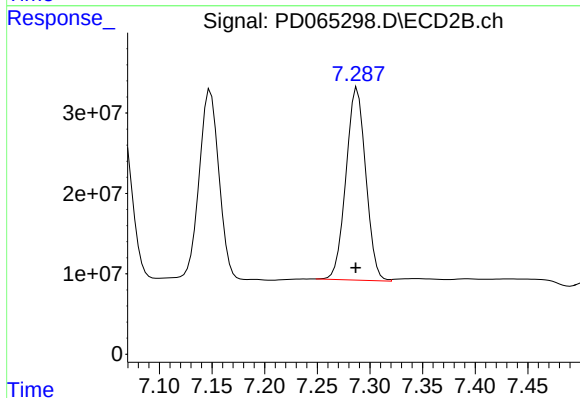
#19 Endosulfan Sulfate

R.T.: 6.703 min
Delta R.T.: 0.005 min
Response: 65681476
Conc: 53.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

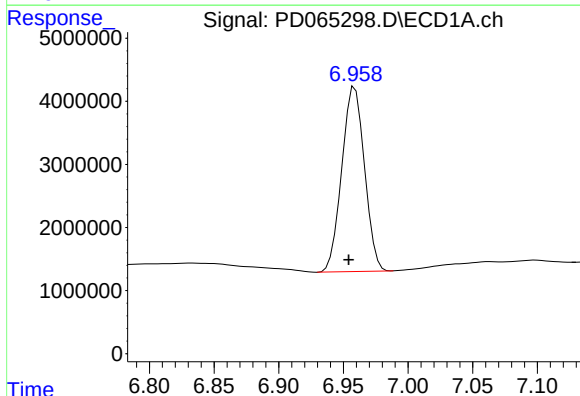
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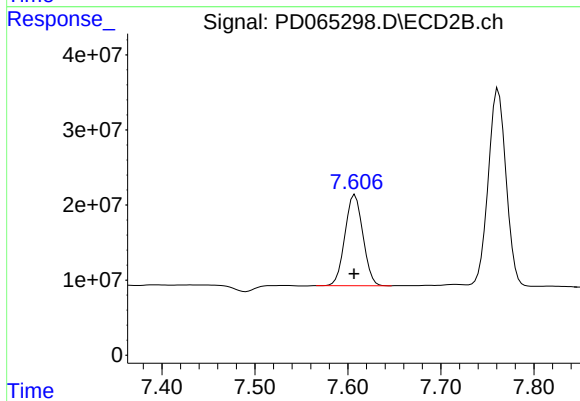
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.001 min
Response: 313982663
Conc: 59.98 ng/ml



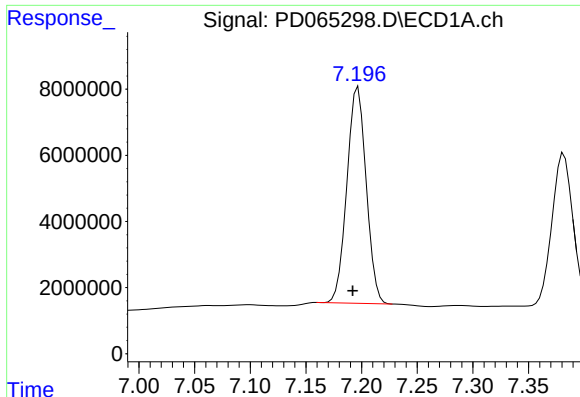
#20 Methoxychlor

R.T.: 6.959 min
Delta R.T.: 0.005 min
Response: 35724226
Conc: 50.86 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 163265616
Conc: 58.45 ng/ml



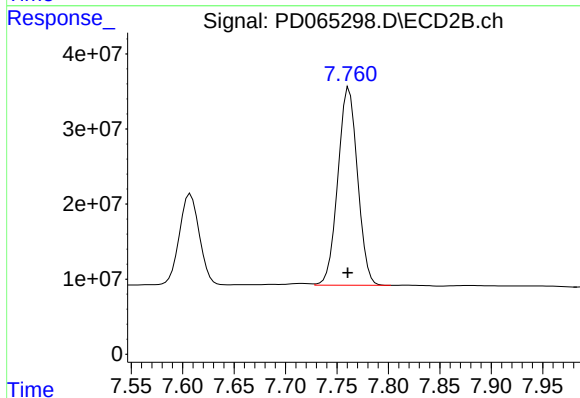
#21 Endrin ketone

R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 78908616
Conc: 53.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

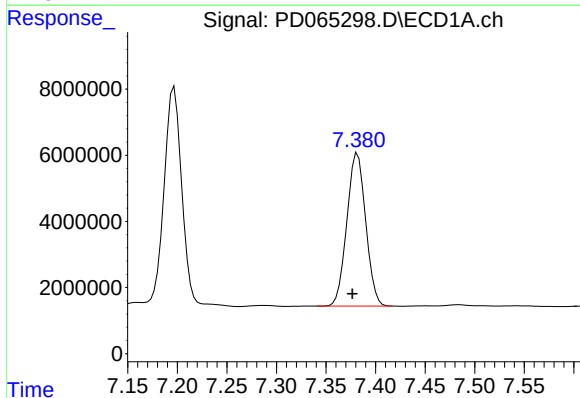
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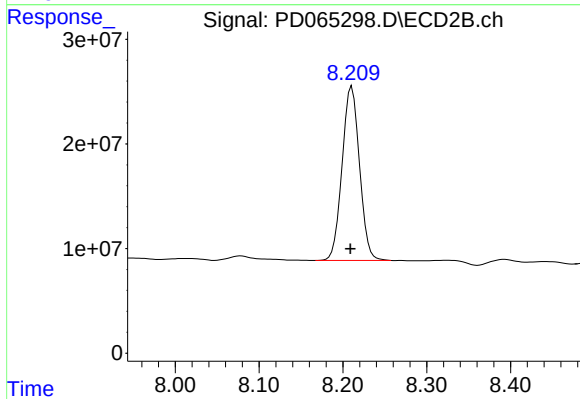
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.001 min
Response: 350046474
Conc: 59.38 ng/ml



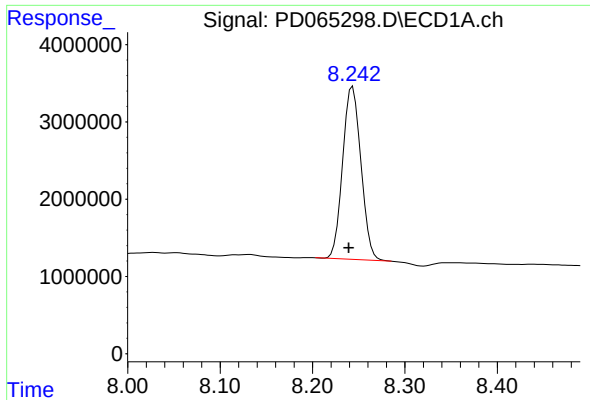
#22 Mirex

R.T.: 7.382 min
Delta R.T.: 0.005 min
Response: 61224932
Conc: 58.64 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.002 min
Response: 240320588
Conc: 58.20 ng/ml



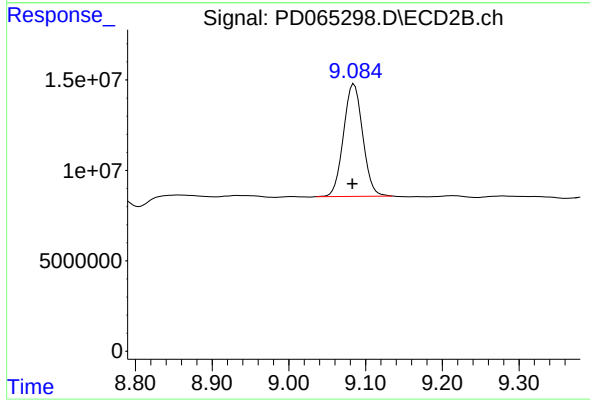
#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.004 min
Response: 30746771
Conc: 22.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
SWCS-20-0003MS

Manual Integrations
APPROVED

mohammad
8/26/2021 2:26:36 PM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 108787491
Conc: 25.12 ng/ml