

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051513.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2019 1:30
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
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 3/4/2019 11:49:49 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 03:04:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 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 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...	3.224	4.044	69060142	1454.6E6	52.084	50.724
28)	SA Decachlor...	7.825	9.158	60601457	908.8E6	53.315	49.750
Target Compounds							
2)	A alpha-BHC	3.644	4.437	117.0E6	2225.3E6	53.300	51.003
3)	MA gamma-BHC...	3.913	4.724	109.6E6	2018.0E6	52.454	50.950
4)	MA Heptachlor	4.190	5.237	114.0E6	1957.2E6	53.121	51.037
5)	MB Aldrin	4.422	5.544	109.4E6	1834.5E6	53.728	51.218
6)	B beta-BHC	4.158	4.894	45372535	891.9E6	51.531	49.626
7)	B delta-BHC	4.347	5.113	109.0E6	1915.2E6	53.745	55.730
8)	B Heptachlo...	4.849	5.933	104.6E6	1699.5E6	53.197	53.001
9)	A Endosulfan I	5.171	6.289	99243740	1511.3E6	53.551	50.979m
10)	B gamma-Chl...	5.067	6.166	108.6E6	1660.8E6	53.585	51.935m
11)	B alpha-Chl...	5.123	6.239	107.3E6	1628.6E6	53.390	51.386m
12)	B 4,4'-DDE	5.291	6.396	101.4E6	1612.2E6	54.134m	52.123
13)	MA Dieldrin	5.407	6.549	110.0E6	1602.8E6	54.737	51.944
14)	MA Endrin	5.654	6.768	102.6E6	1280.5E6	53.533	49.039
15)	B Endosulfa...	5.922	6.977	97143827	1303.1E6	53.905m	50.589
16)	A 4,4'-DDD	5.794	6.888	83542856	1248.6E6	53.062	50.834
17)	MA 4,4'-DDT	6.025	7.189	88529569	1108.1E6	55.411	54.703
18)	B Endrin al...	6.091	7.101	78811683	1108.2E6	53.280	51.685
19)	B Endosulfa...	6.298	7.325	86742470	1201.8E6	52.465	51.272
20)	A Methoxychlor	6.571	7.647	46905174	581.2E6	52.817	52.800
21)	B Endrin ke...	6.773	7.799	102.4E6	1176.9E6	55.327	52.095
22)	Mirex	6.943	8.258	69845260	789.4E6	55.523	51.010

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
Data File : PD051513.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Mar 2019 1:30
Operator : AJ\SJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

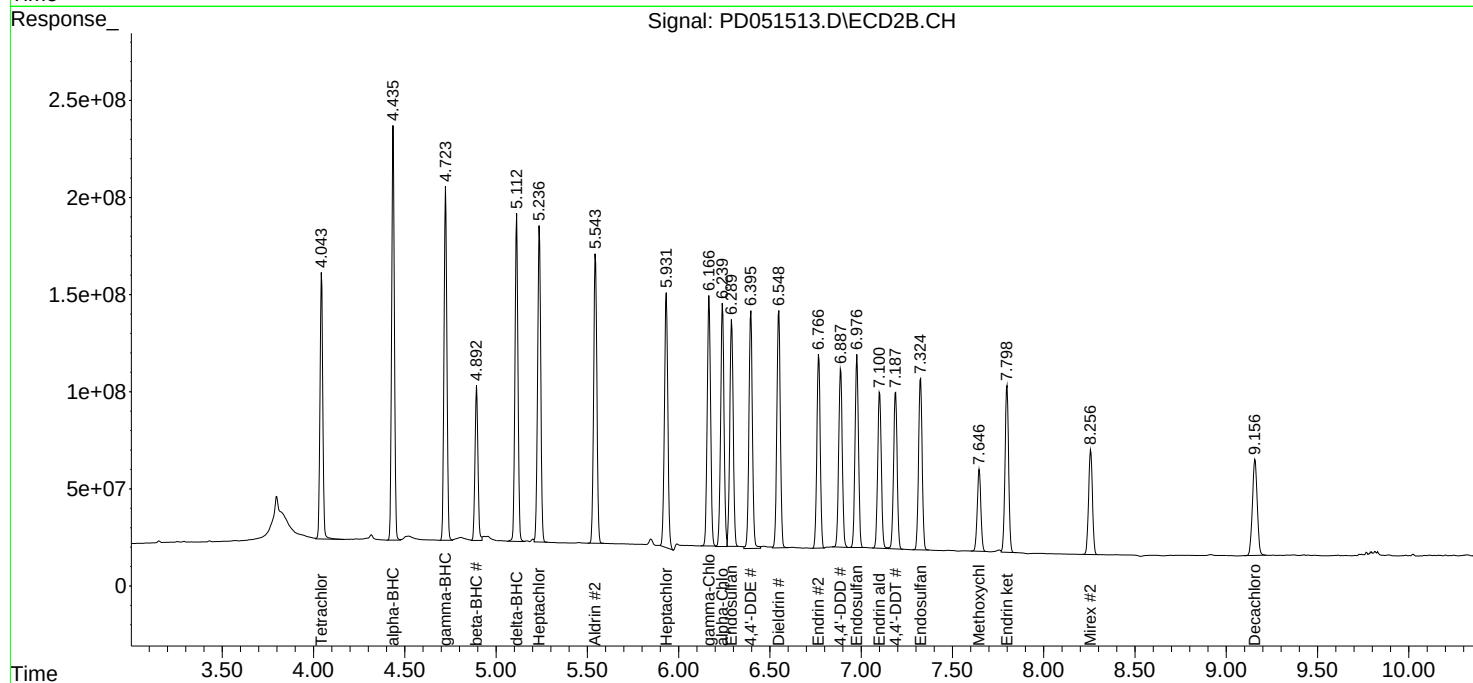
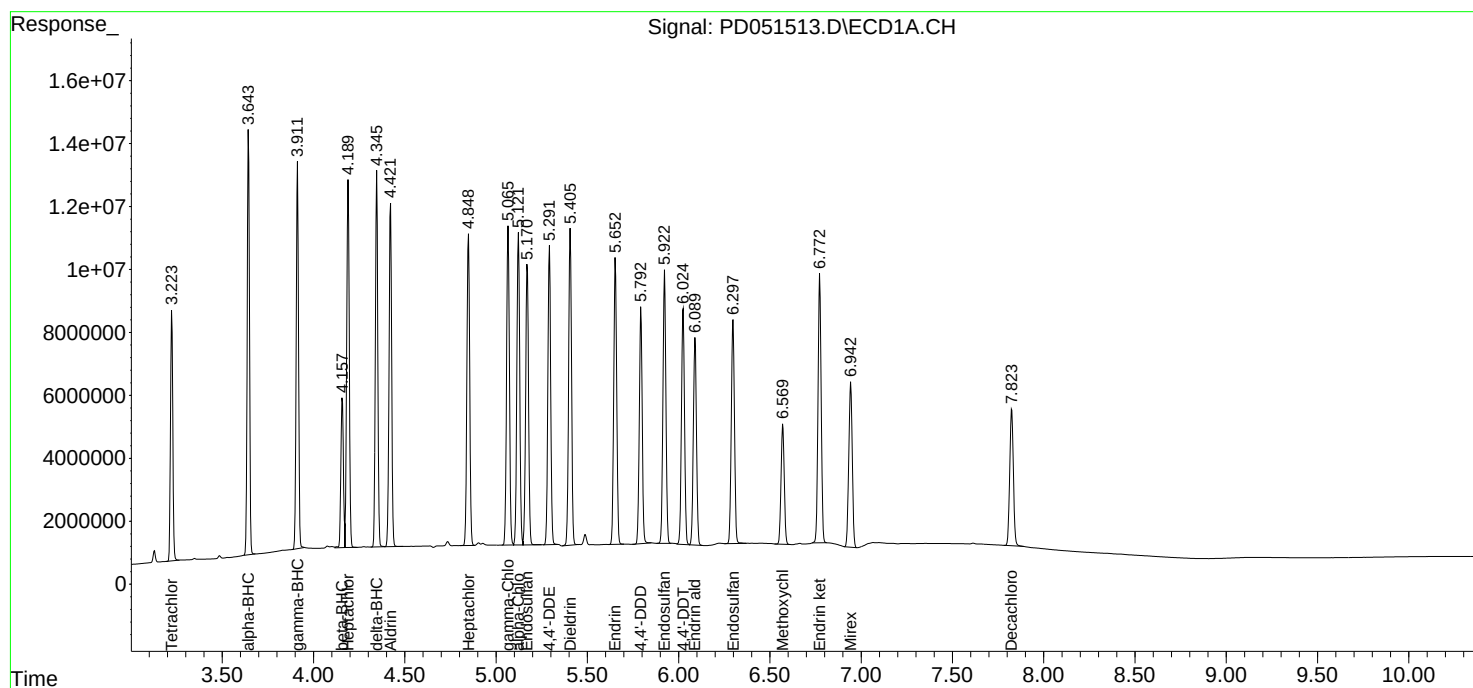
Instrument :
ECD_D
ClientSampled :
PSTDCCC050

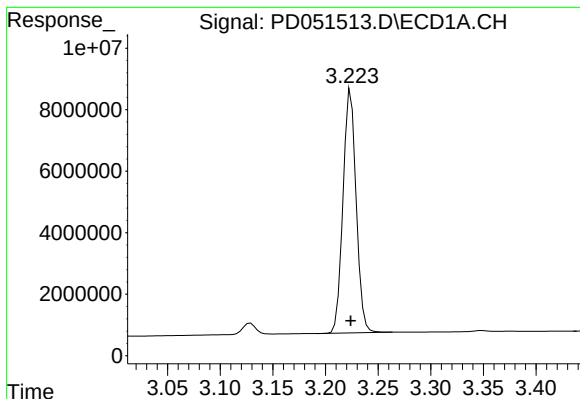
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 02 03:04:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 2019
Response 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





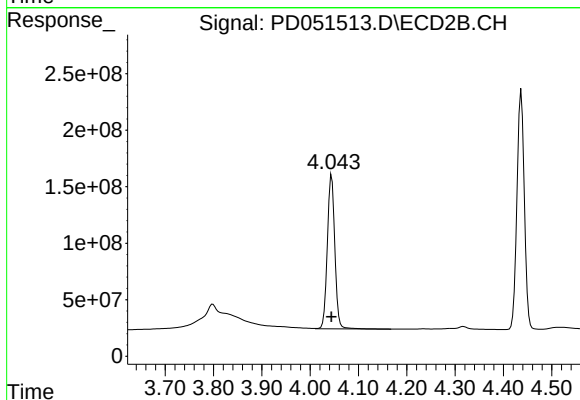
#1 Tetrachloro-m-xylene

R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 69060142
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

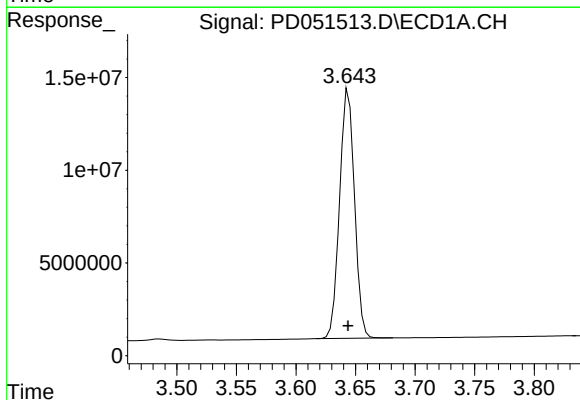
Manual Integrations
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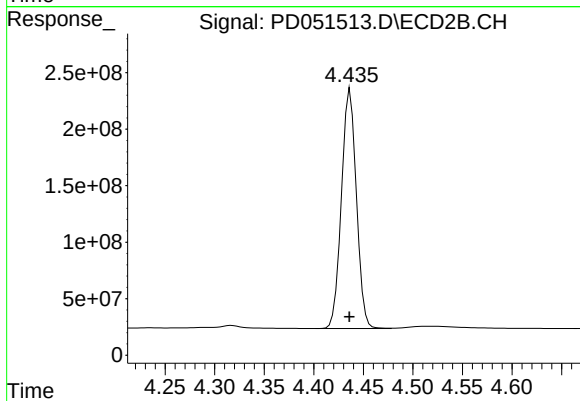
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 1454625249
Conc: 50.72 ng/ml



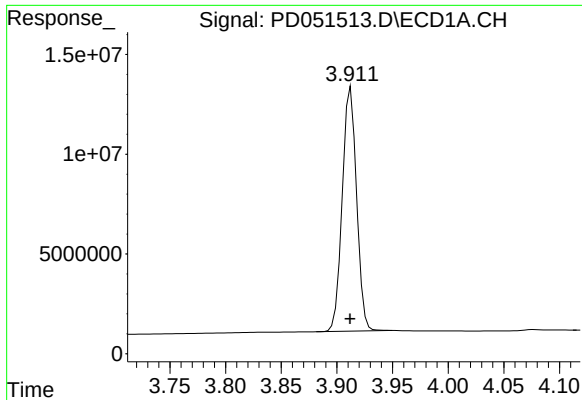
#2 alpha-BHC

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 117002737
Conc: 53.30 ng/ml



#2 alpha-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2225262859
Conc: 51.00 ng/ml



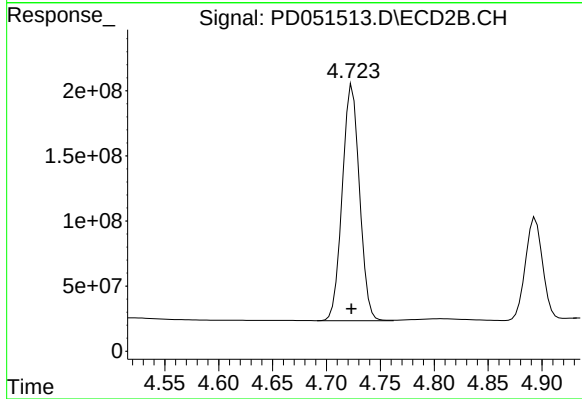
#3 gamma-BHC (Lindane)

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 109590785
Conc: 52.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

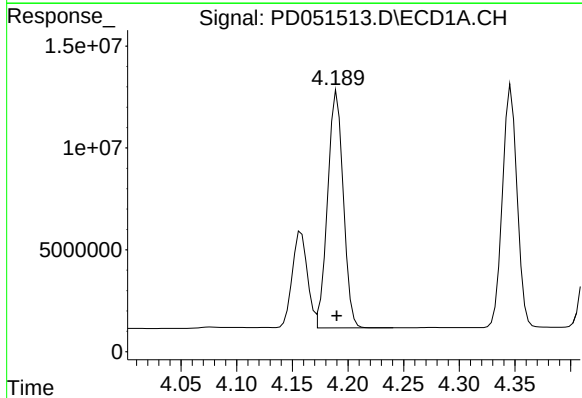
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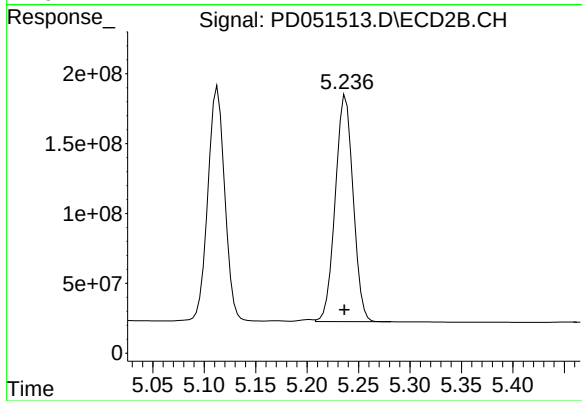
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 2017988080
Conc: 50.95 ng/ml



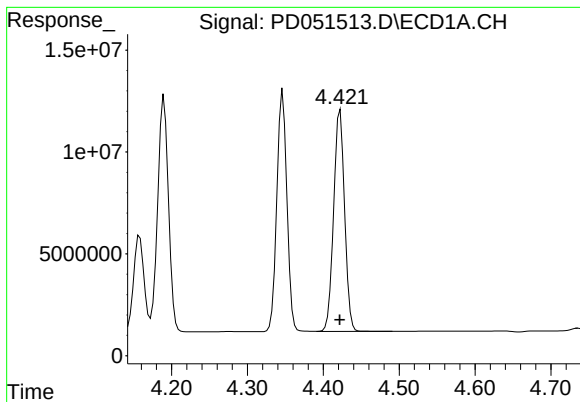
#4 Heptachlor

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 113965015
Conc: 53.12 ng/ml



#4 Heptachlor

R.T.: 5.237 min
Delta R.T.: 0.001 min
Response: 1957235446
Conc: 51.04 ng/ml



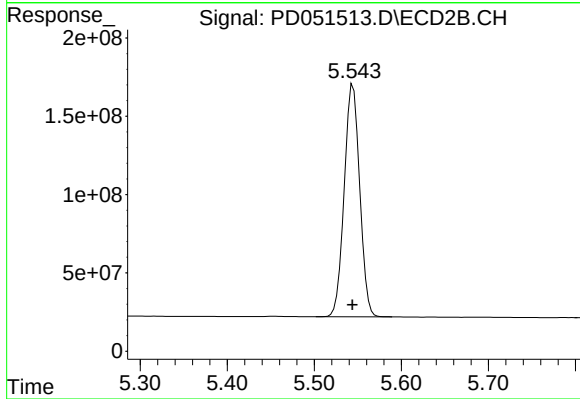
#5 Aldrin

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 109372292
Conc: 53.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

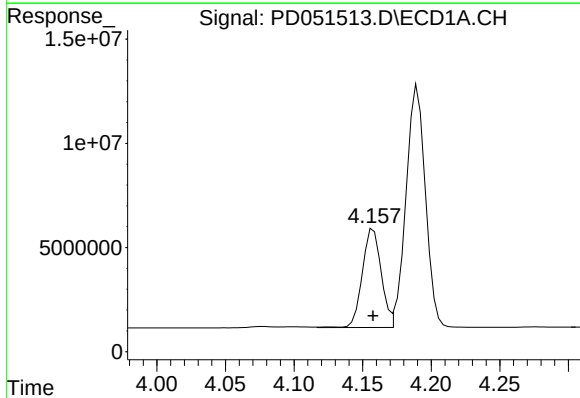
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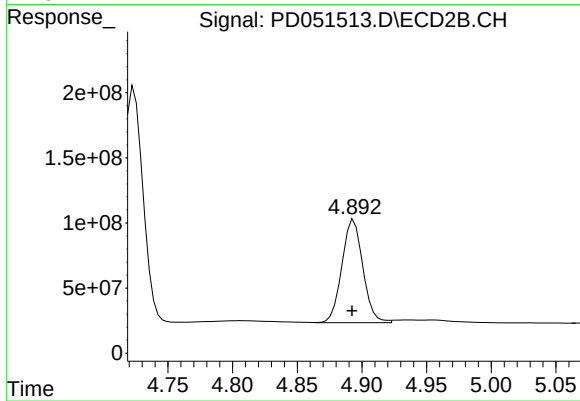
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 1834522184
Conc: 51.22 ng/ml



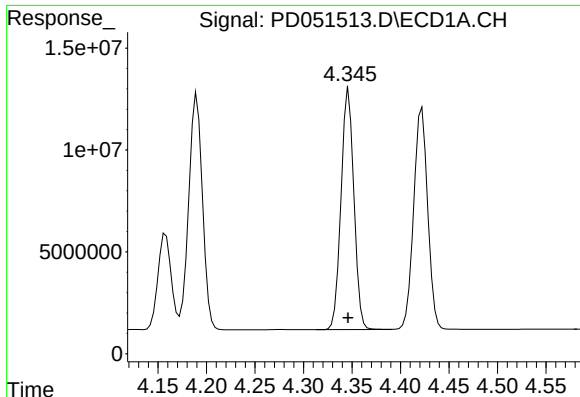
#6 beta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 45372535
Conc: 51.53 ng/ml



#6 beta-BHC

R.T.: 4.894 min
Delta R.T.: 0.002 min
Response: 891936028
Conc: 49.63 ng/ml



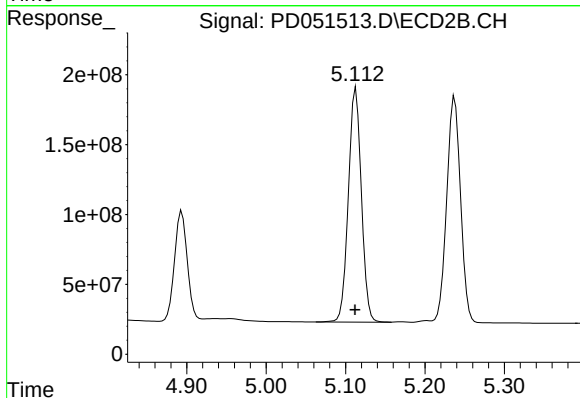
#7 delta-BHC

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 108986532
Conc: 53.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

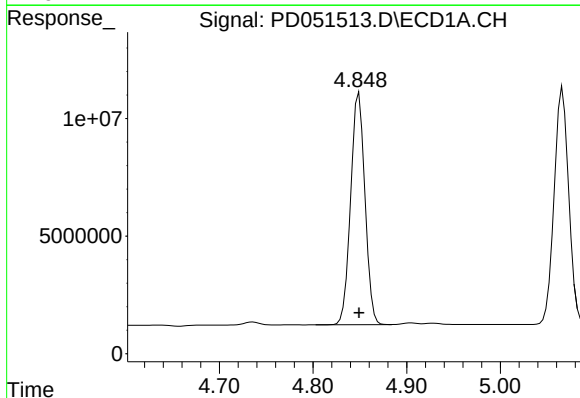
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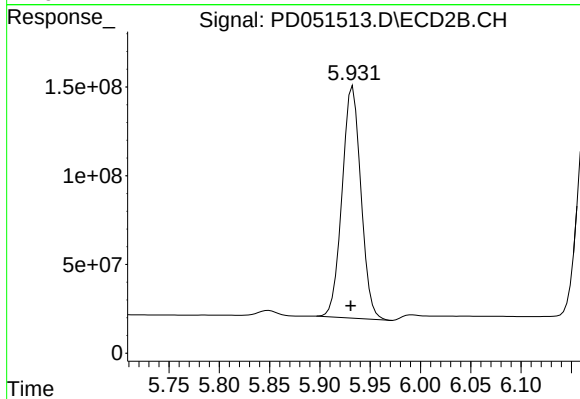
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.001 min
Response: 1915200687
Conc: 55.73 ng/ml



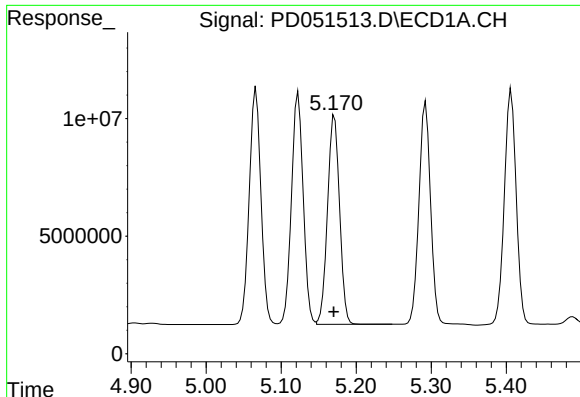
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 104586930
Conc: 53.20 ng/ml



#8 Heptachlor epoxide

R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 1699492958
Conc: 53.00 ng/ml



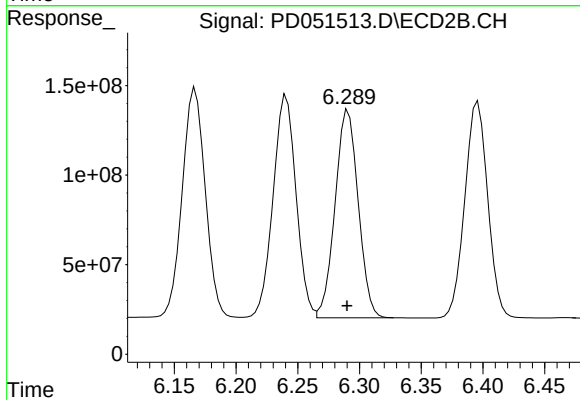
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.001 min
Response: 99243740
Conc: 53.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

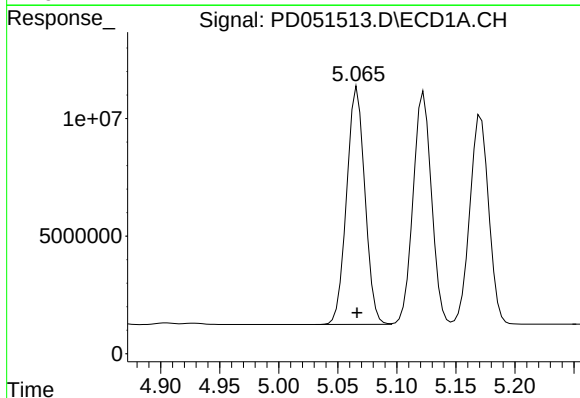
Manual Integrations
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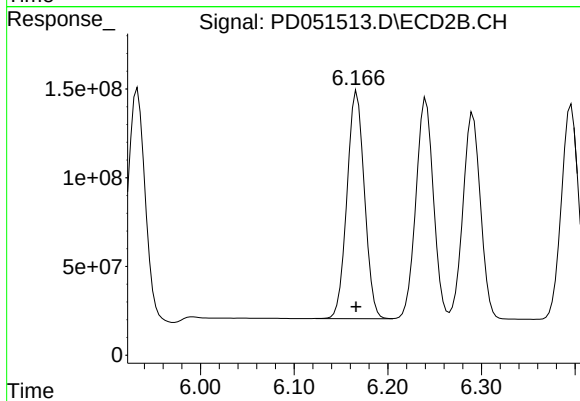
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 1511328942
Conc: 50.98 ng/ml m



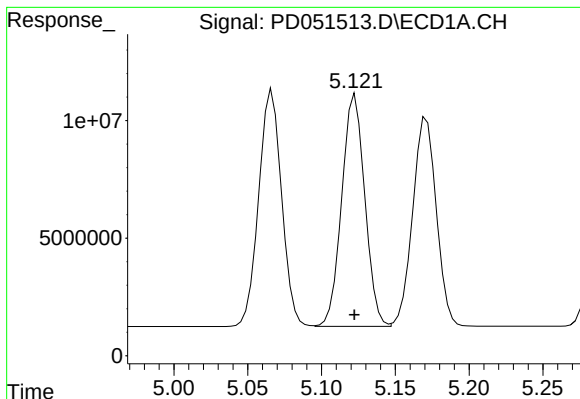
#10 gamma-Chlordane

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 108581768
Conc: 53.58 ng/ml



#10 gamma-Chlordane

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1660842065
Conc: 51.93 ng/ml m



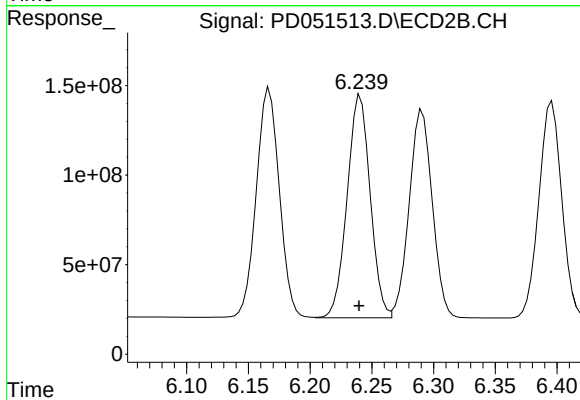
#11 alpha-Chlordane

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 107302199
Conc: 53.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

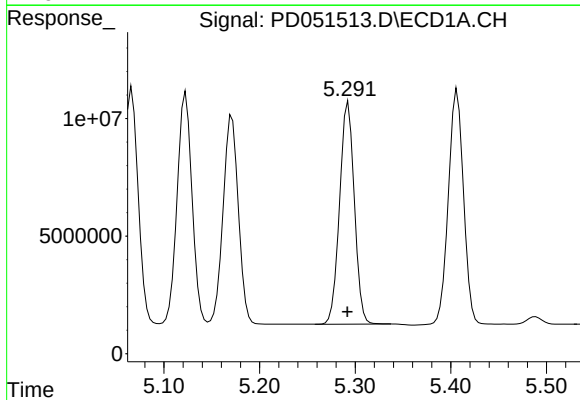
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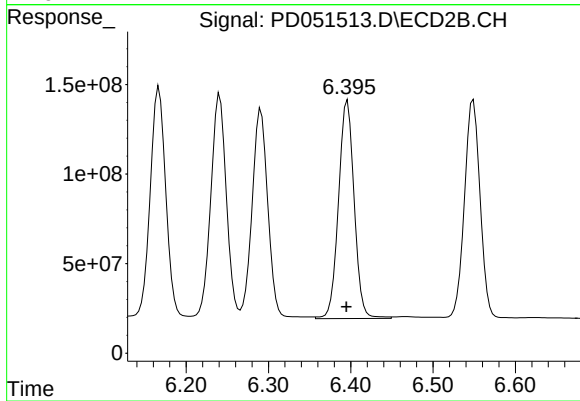
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 1628610713
Conc: 51.39 ng/ml m



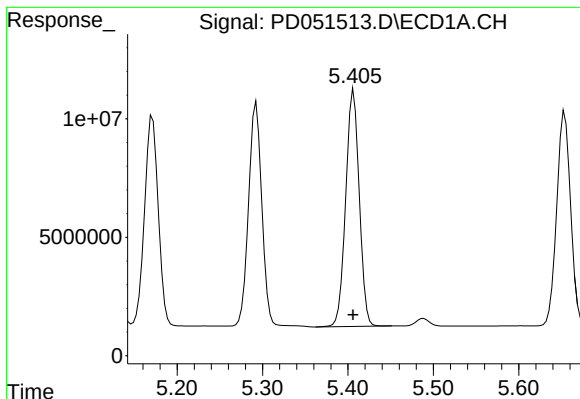
#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 101412190
Conc: 54.13 ng/ml m



#12 4,4'-DDE

R.T.: 6.396 min
Delta R.T.: 0.001 min
Response: 1612159481
Conc: 52.12 ng/ml



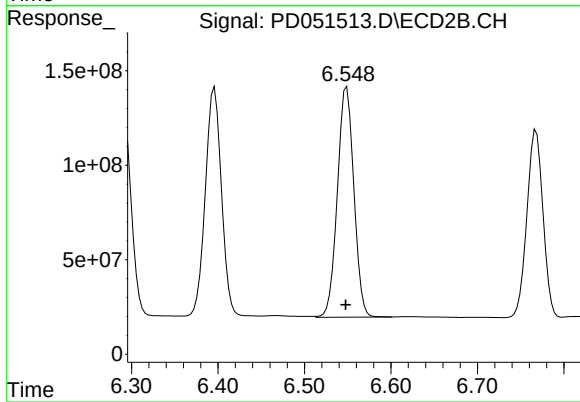
#13 Dieldrin

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 110038579
Conc: 54.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

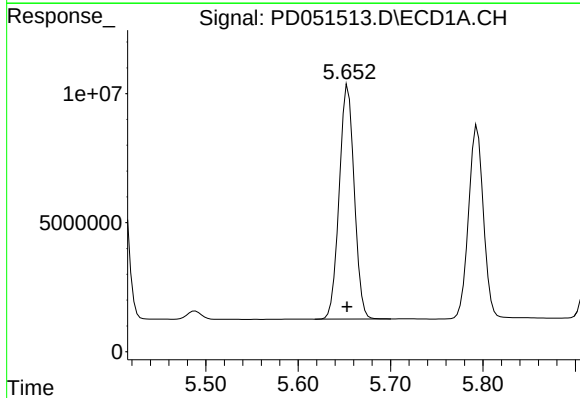
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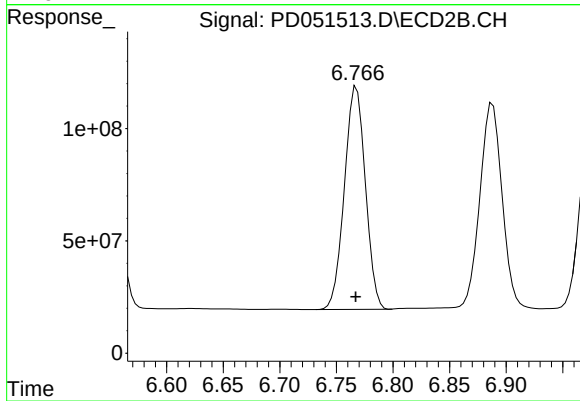
#13 Dieldrin

R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 1602761446
Conc: 51.94 ng/ml



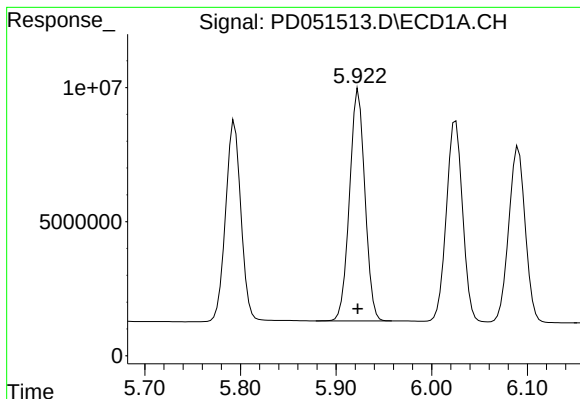
#14 Endrin

R.T.: 5.654 min
Delta R.T.: 0.001 min
Response: 102564625
Conc: 53.53 ng/ml



#14 Endrin

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1280493149
Conc: 49.04 ng/ml



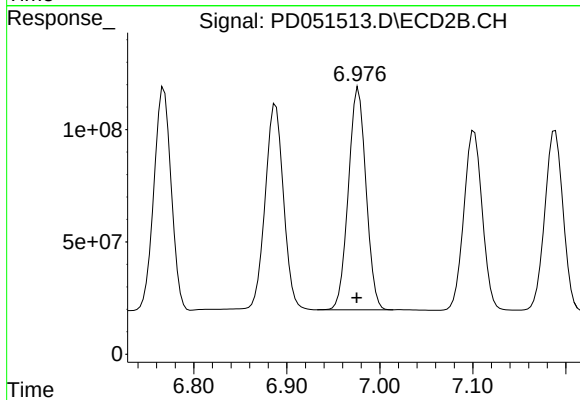
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 97143827
Conc: 53.90 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

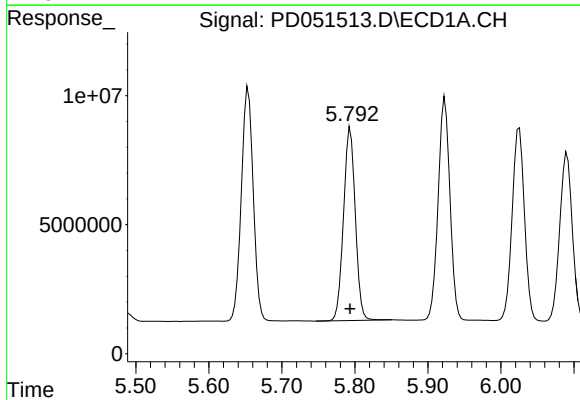
Manual Integrations
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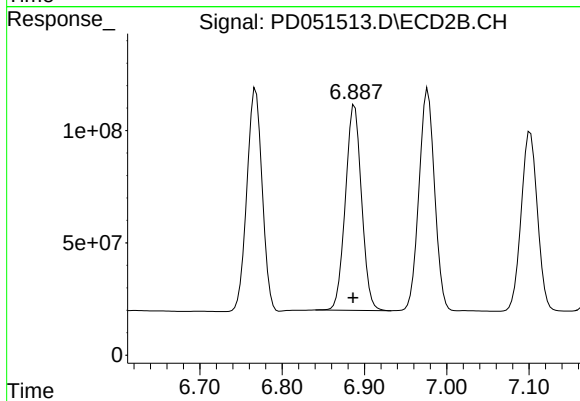
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.002 min
Response: 1303142797
Conc: 50.59 ng/ml



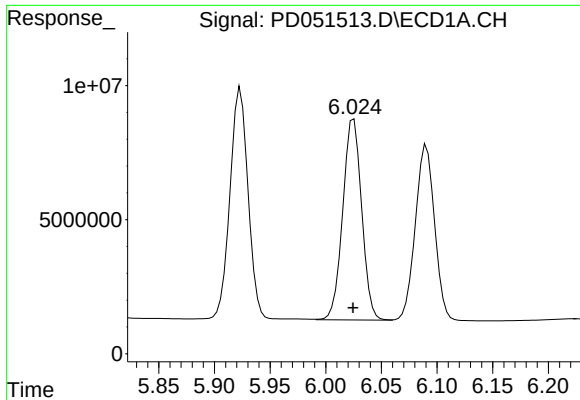
#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 83542856
Conc: 53.06 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min
Delta R.T.: 0.002 min
Response: 1248566080
Conc: 50.83 ng/ml



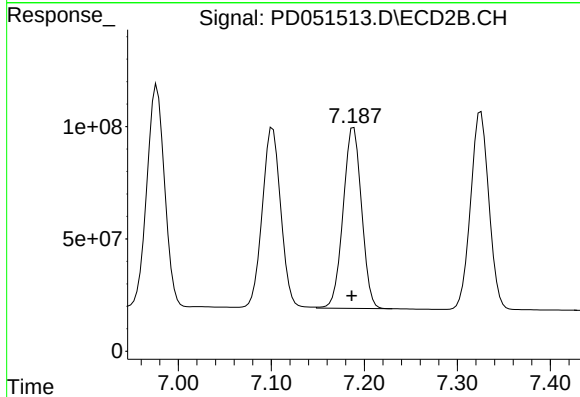
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 88529569
Conc: 55.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

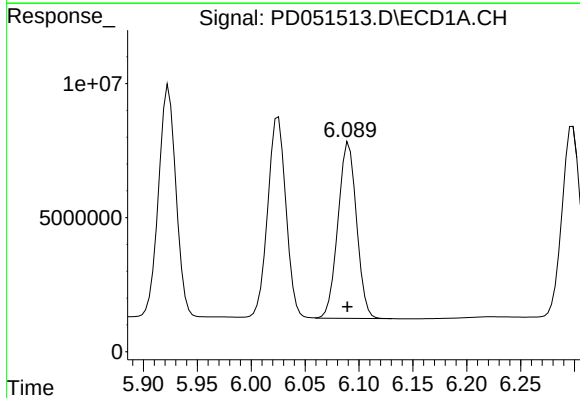
Manual Integrations
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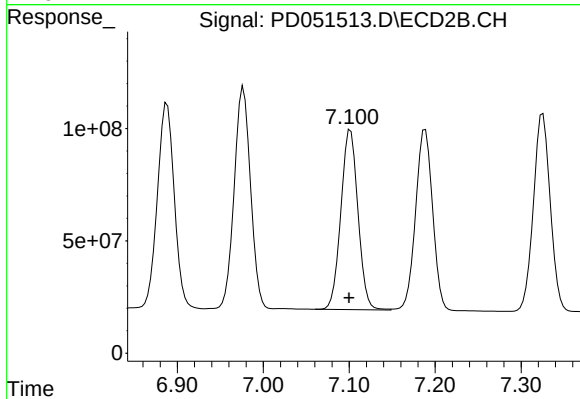
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.002 min
Response: 1108111801
Conc: 54.70 ng/ml



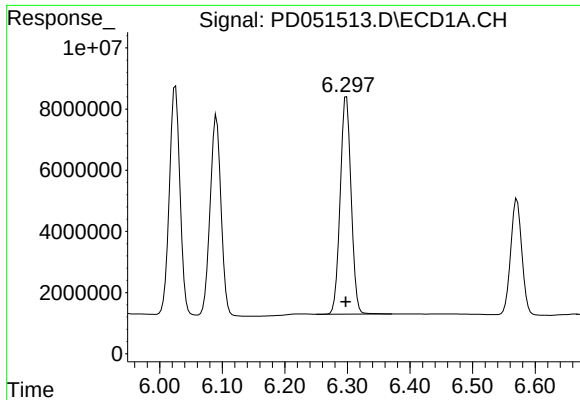
#18 Endrin aldehyde

R.T.: 6.091 min
Delta R.T.: 0.001 min
Response: 78811683
Conc: 53.28 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 1108153377
Conc: 51.68 ng/ml



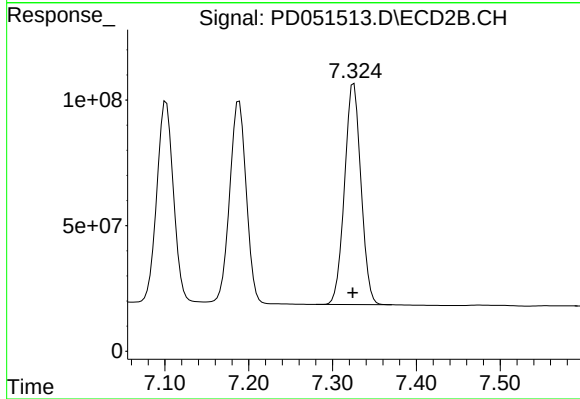
#19 Endosulfan Sulfate

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 86742470
Conc: 52.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

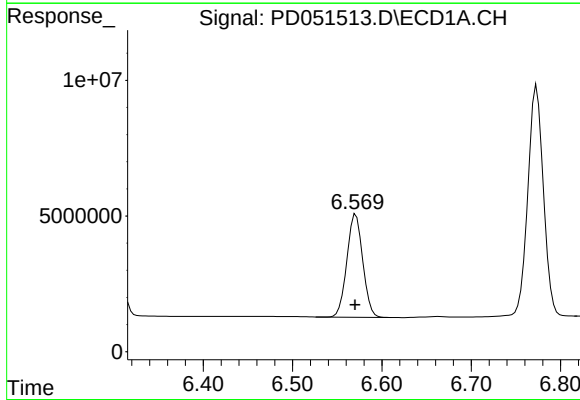
Manual Integrations
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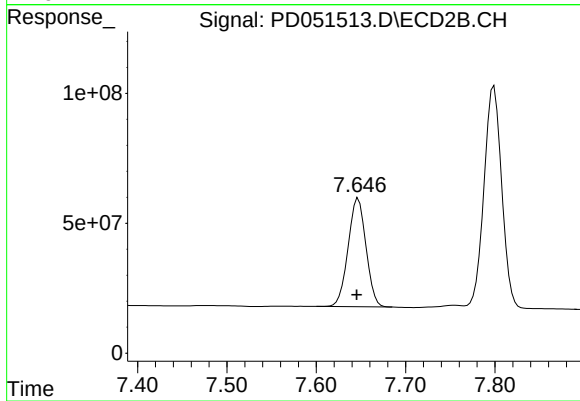
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.002 min
Response: 1201833206
Conc: 51.27 ng/ml



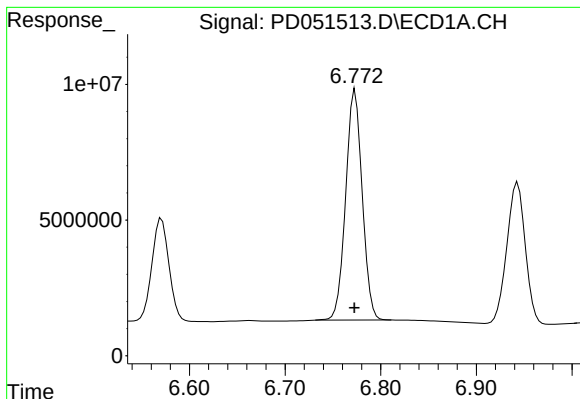
#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 46905174
Conc: 52.82 ng/ml



#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 581162345
Conc: 52.80 ng/ml



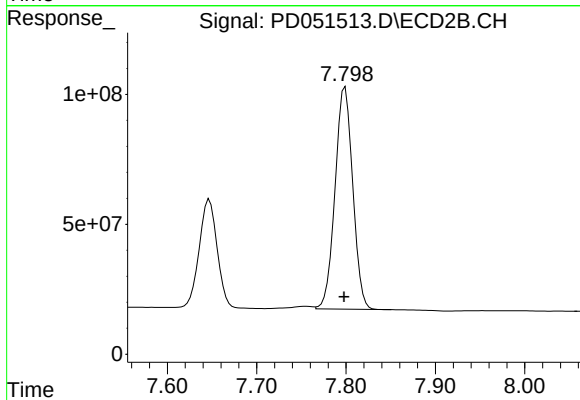
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 102416744
Conc: 55.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

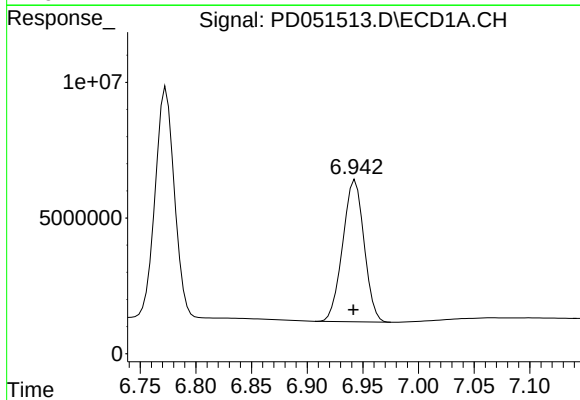
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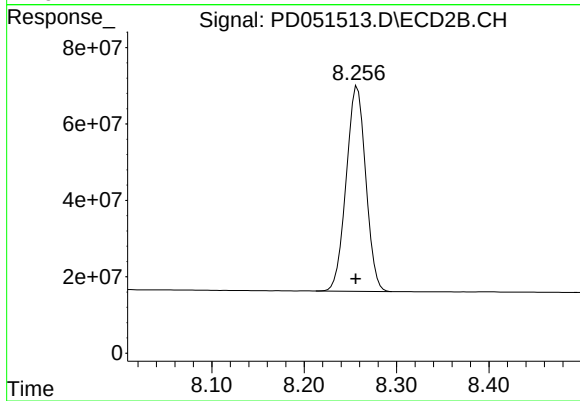
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.001 min
Response: 1176920265
Conc: 52.09 ng/ml



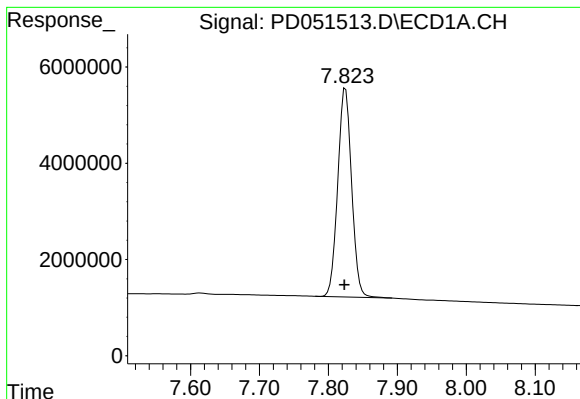
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 69845260
Conc: 55.52 ng/ml



#22 Mirex

R.T.: 8.258 min
Delta R.T.: 0.002 min
Response: 789364852
Conc: 51.01 ng/ml



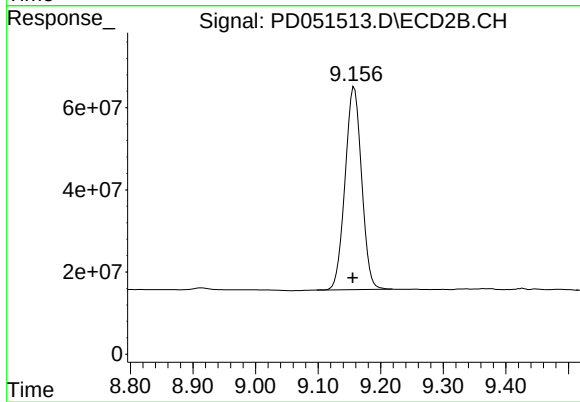
#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: 0.001 min
Response: 60601457
Conc: 53.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Sohil
3/4/2019 11:49:49 AM



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: 0.003 min
Response: 908788543
Conc: 49.75 ng/ml