

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081622\
 Data File : PD071580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2022 14:52
 Operator : AR\AJ
 Sample : N4214-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-354MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 04:46:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081522.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 16 05:36:08 2022
 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...	2.807	3.564	52031031	575.8E6	19.039	19.644
2)	SA Decachlor...	7.998	9.089	51783485	191.8E6	17.828m	18.798m
Target Compounds							
2)	A alpha-BHC	3.316	4.031	246.2E6	2274.7E6	57.975	57.702
3)	MA gamma-BHC...	3.650	4.365	224.2E6	1677.8E6	58.105	52.298m
4)	MA Heptachlor	3.997	4.944	243.7E6	1261.3E6	59.653	52.521
5)	MB Aldrin	4.280	5.285	232.5E6	1073.2E6	54.188	50.610m
6)	B beta-BHC	3.948	4.573	93298851	622.0E6	58.782	50.502
7)	B delta-BHC	4.182	4.821	216.4E6	1208.3E6	55.746	48.179
8)	B Heptachlo...	4.787	5.718	206.2E6	876.1E6	55.225	50.619
9)	A Endosulfan I	5.161	6.106	196.1E6	820.9E6	56.698	52.766
10)	B gamma-Chl...	5.040	5.973	299.4E6	1101.2E6	77.163	64.047
11)	B alpha-Chl...	5.105	6.050	271.2E6	1209.3E6	70.803	72.386
12)	B 4,4'-DDE	5.296	6.222	196.2E6	799.4E6	56.577	51.315
13)	MA Dieldrin	5.428	6.383	216.7E6	828.9E6	55.865	48.751
14)	MA Endrin	5.705	6.616	192.7E6	689.1E6	55.907	48.076
15)	B Endosulfa...	6.000	6.841	174.3E6	691.6E6	54.271	50.287
16)	A 4,4'-DDD	5.854	6.747	152.4E6	642.4E6	55.571	52.200
17)	MA 4,4'-DDT	6.107	7.058	192.5E6	798.1E6	66.260	62.430
18)	B Endrin al...	6.181	6.972	122.0E6	488.8E6	47.331	44.771
19)	B Endosulfa...	6.405	7.204	161.2E6	597.8E6	52.896	48.769
20)	A Methoxychlor	6.686	7.534	91199981	327.2E6	57.806	51.674
21)	B Endrin ke...	6.915	7.697	167.1E6	653.6E6	46.594	48.761
22)	Mirex	7.100	8.158	127.5E6	470.7E6	44.237m	48.727

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

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Data File : PD071580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2022 14:52
Operator : AR\AJ
Sample : N4214-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

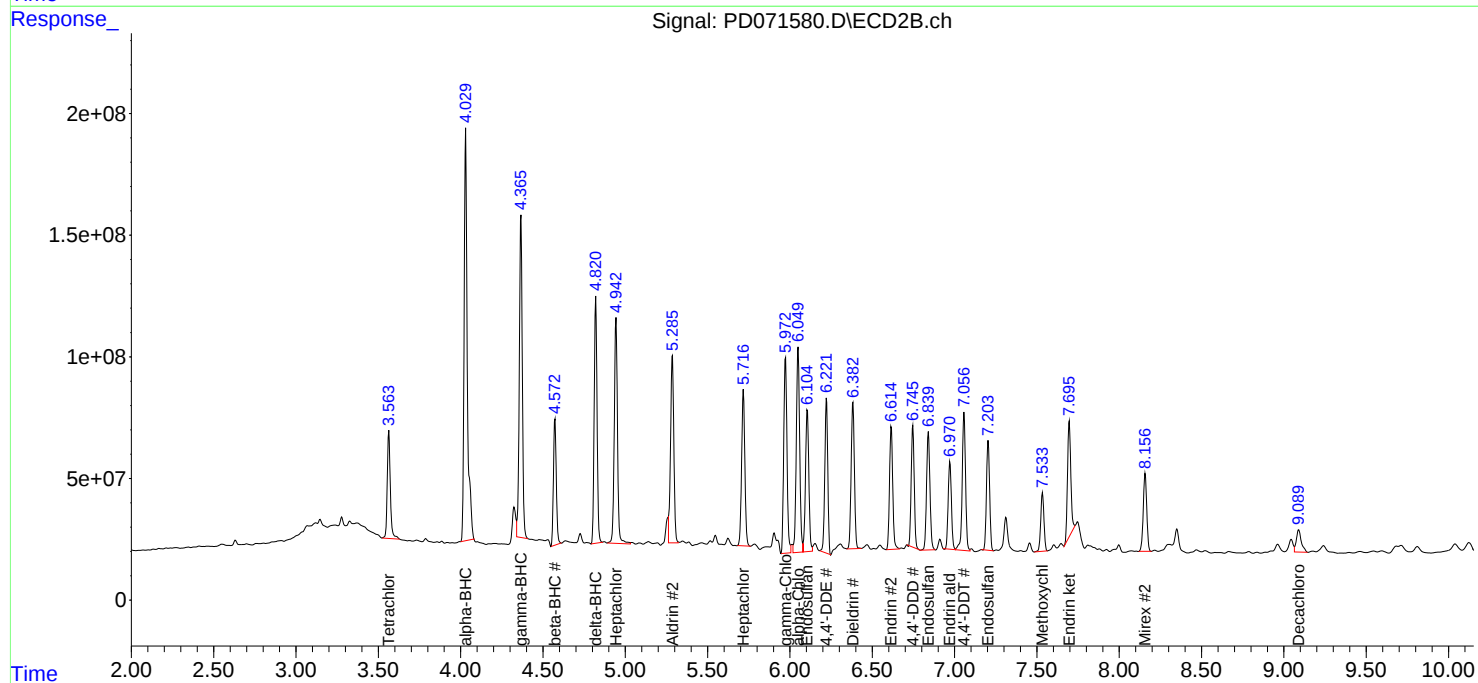
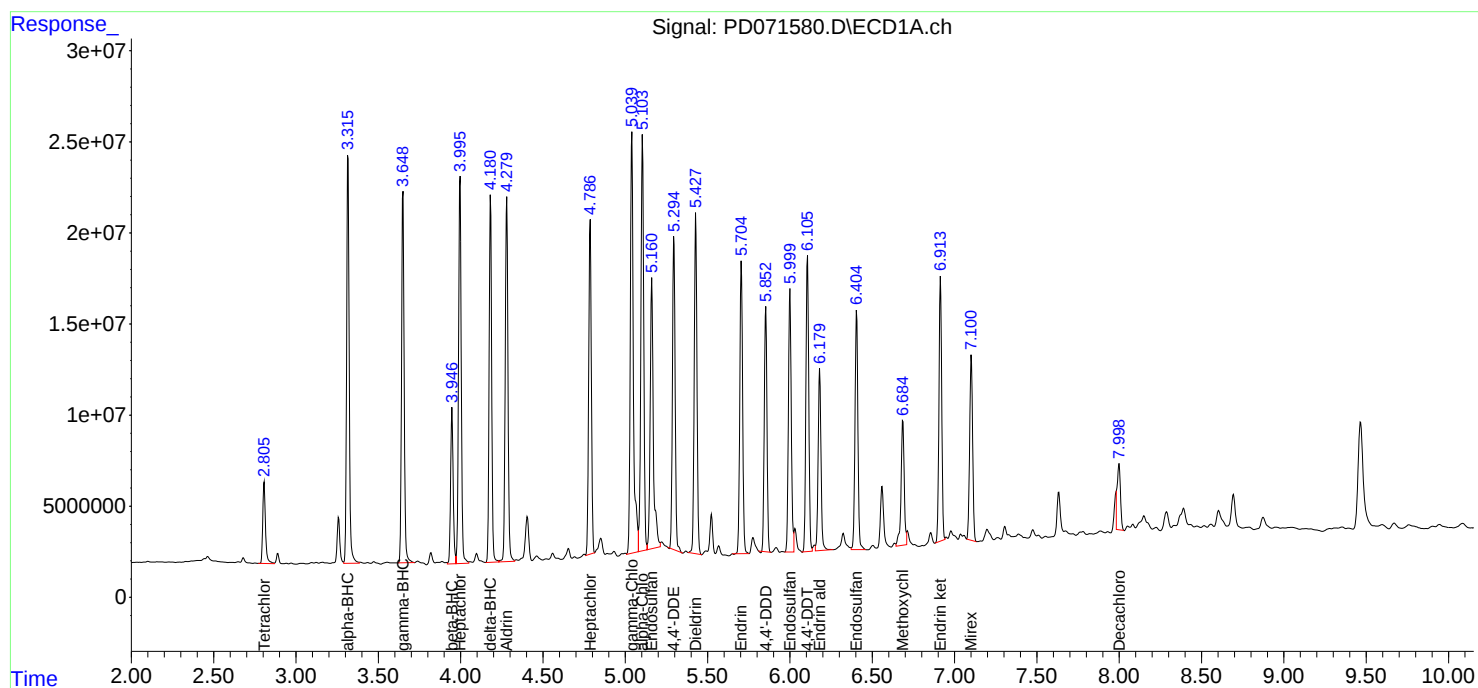
Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

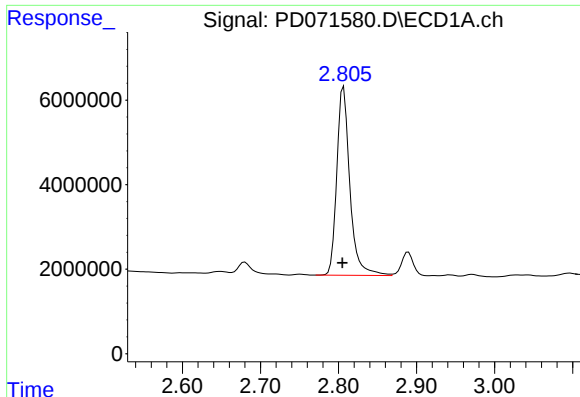
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 04:46:56 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081522.M
Quant Title : GC Extractables
QLast Update : Tue Aug 16 05:36:08 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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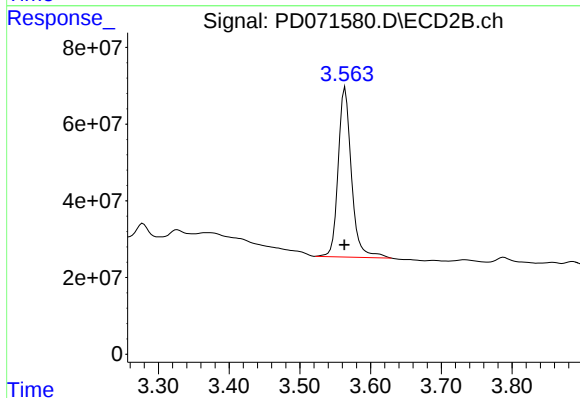
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.002 min
Response: 52031031
Conc: 19.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

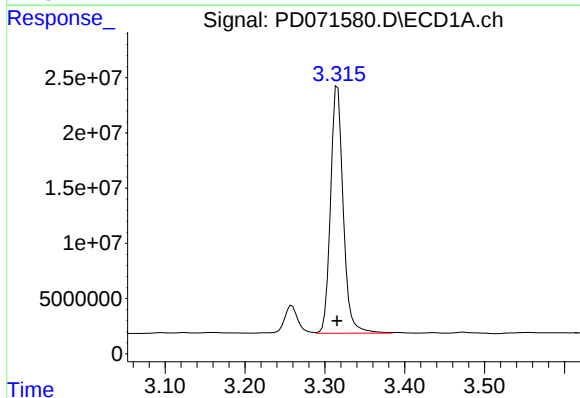
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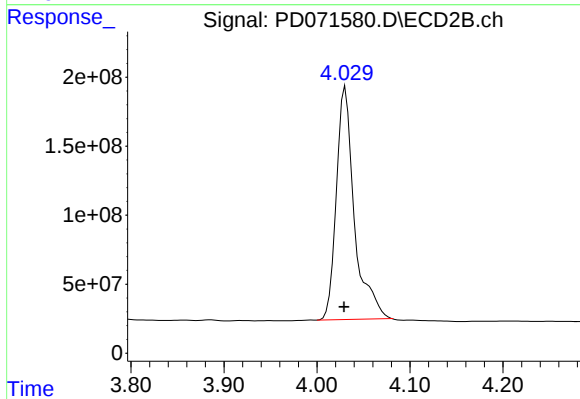
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.001 min
Response: 575759942
Conc: 19.64 ng/ml



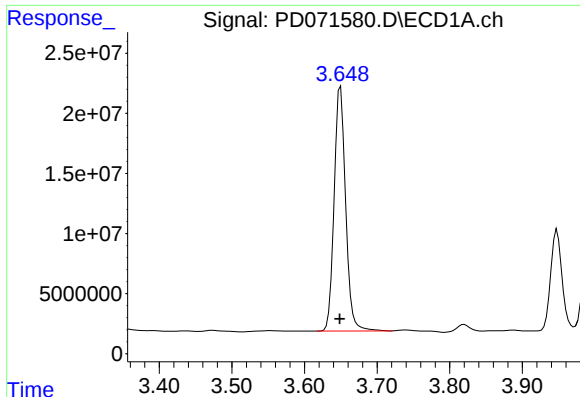
#2 alpha-BHC

R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 246226149
Conc: 57.97 ng/ml



#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.001 min
Response: 2274726718
Conc: 57.70 ng/ml



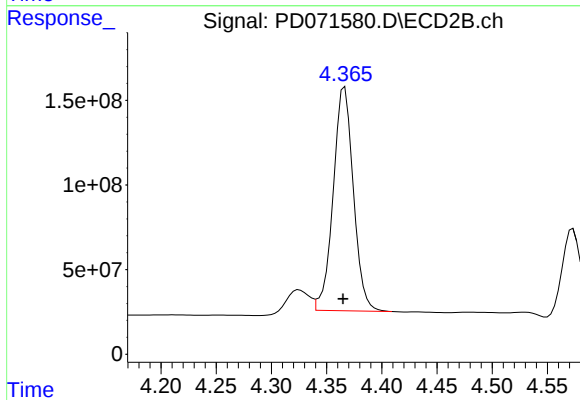
#3 gamma-BHC (Lindane)

R.T.: 3.650 min
Delta R.T.: 0.001 min
Response: 224165091
Conc: 58.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

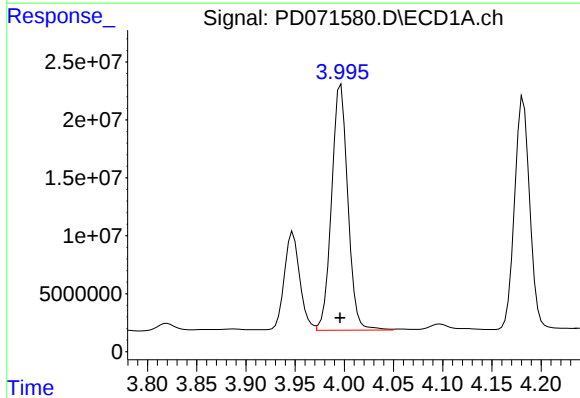
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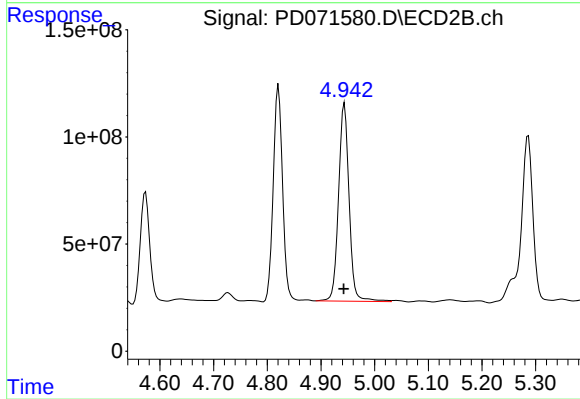
#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1677798764
Conc: 52.30 ng/ml m



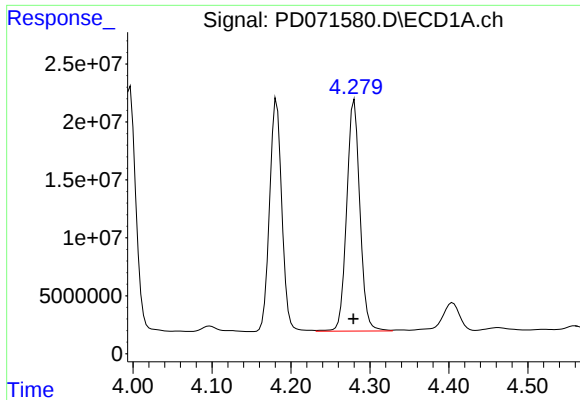
#4 Heptachlor

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 243660598
Conc: 59.65 ng/ml



#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 1261284455
Conc: 52.52 ng/ml



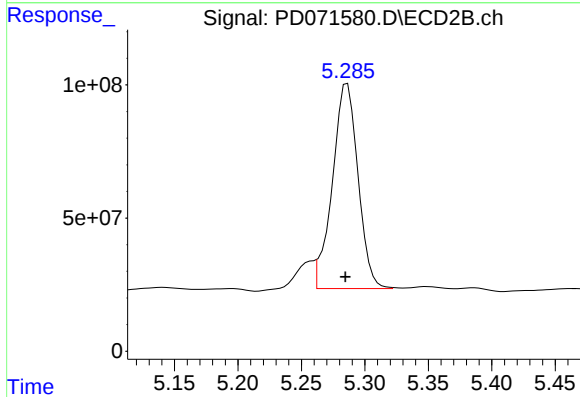
#5 Aldrin

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 232511365
Conc: 54.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

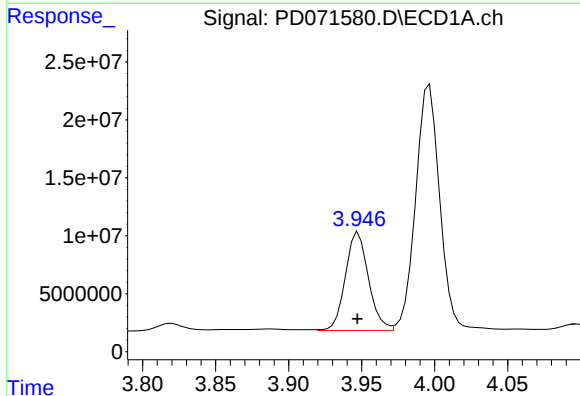
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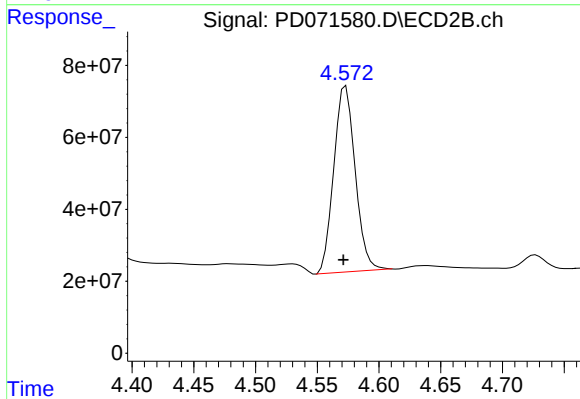
#5 Aldrin

R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 1073185050
Conc: 50.61 ng/ml m



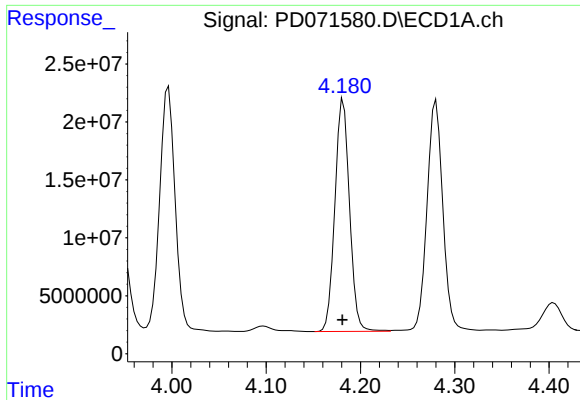
#6 beta-BHC

R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 93298851
Conc: 58.78 ng/ml



#6 beta-BHC

R.T.: 4.573 min
Delta R.T.: 0.002 min
Response: 622014468
Conc: 50.50 ng/ml



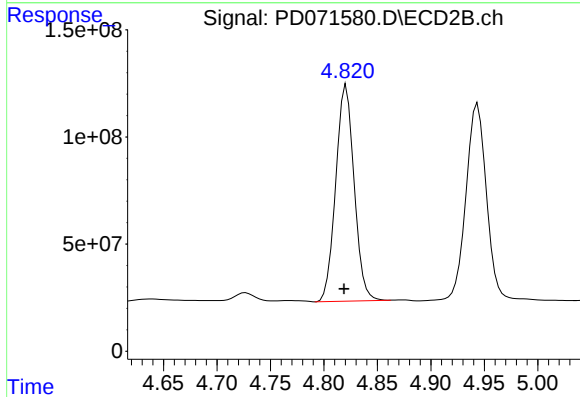
#7 delta-BHC

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 216407502
Conc: 55.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

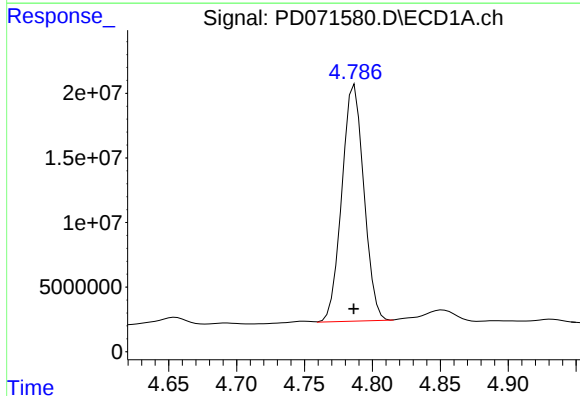
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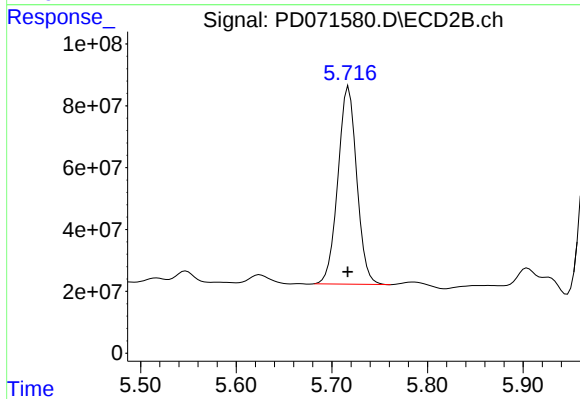
#7 delta-BHC

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 1208345966
Conc: 48.18 ng/ml



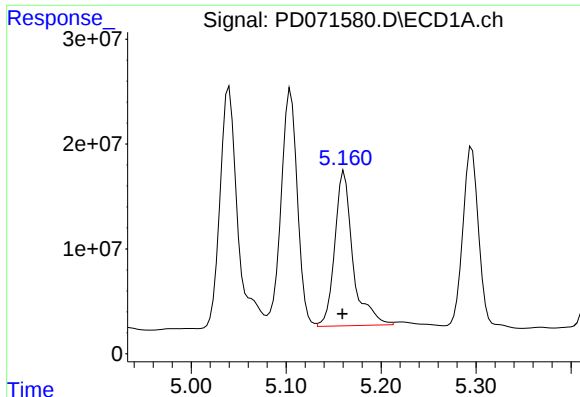
#8 Heptachlor epoxide

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 206200900
Conc: 55.23 ng/ml



#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.001 min
Response: 876126587
Conc: 50.62 ng/ml



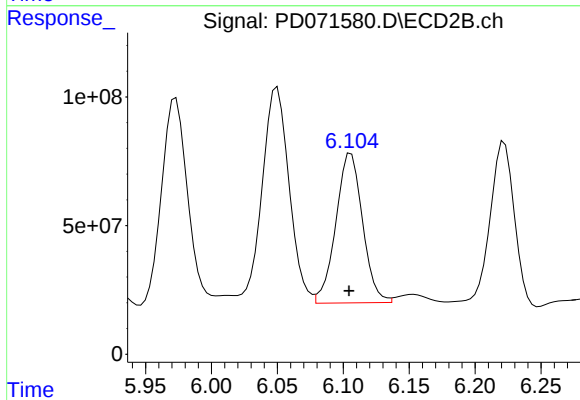
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.002 min
Response: 196066894
Conc: 56.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

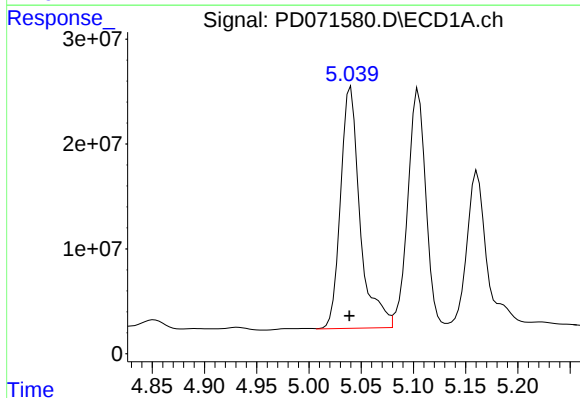
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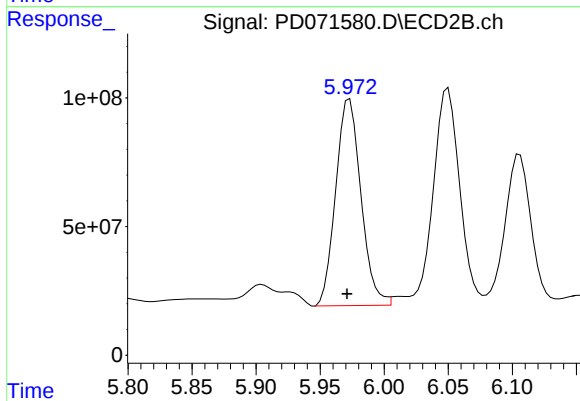
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 820865331
Conc: 52.77 ng/ml



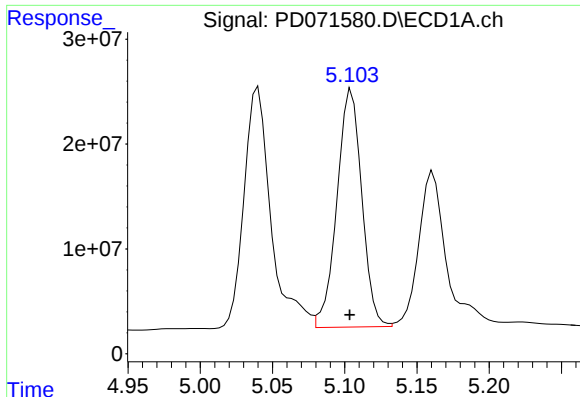
#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.001 min
Response: 299415478
Conc: 77.16 ng/ml



#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.002 min
Response: 1101174175
Conc: 64.05 ng/ml



#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 271194149
Conc: 70.80 ng/ml

Instrument :

ECD_D

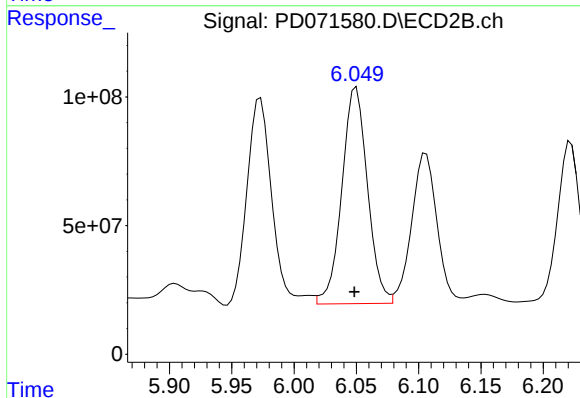
ClientSampleId :

ETGI-354MSD

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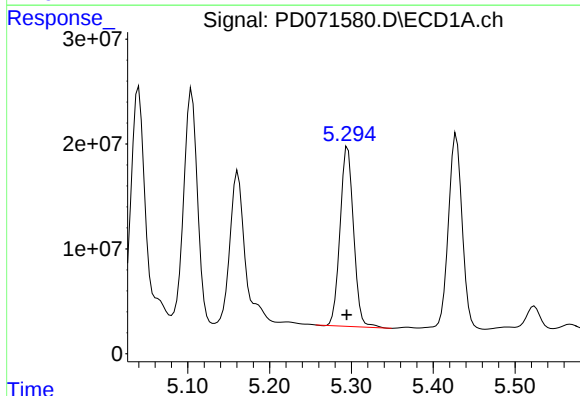
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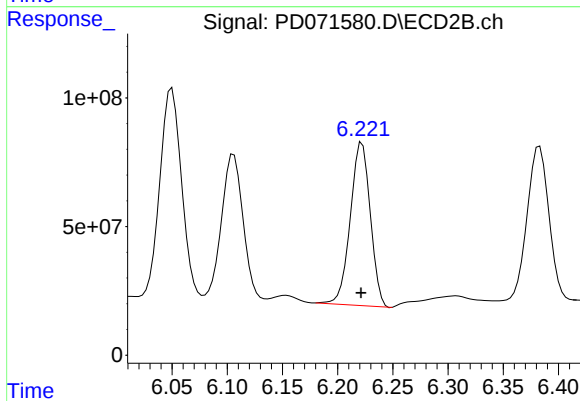
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.001 min
Response: 1209315575
Conc: 72.39 ng/ml



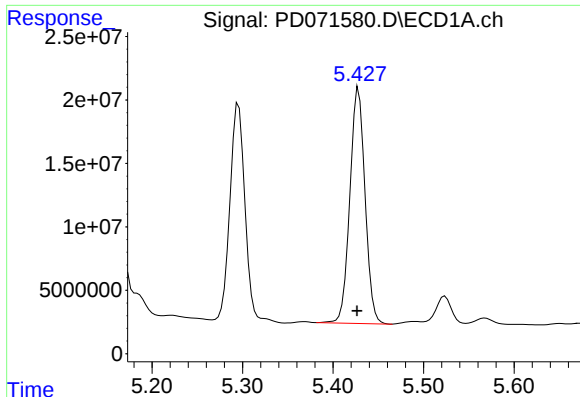
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.001 min
Response: 196209661
Conc: 56.58 ng/ml



#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 799395721
Conc: 51.31 ng/ml



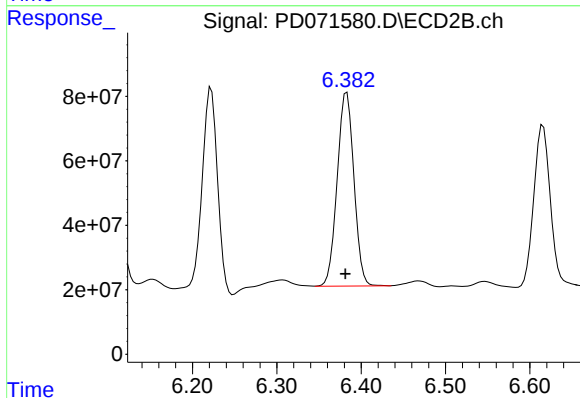
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.002 min
Response: 216714651
Conc: 55.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

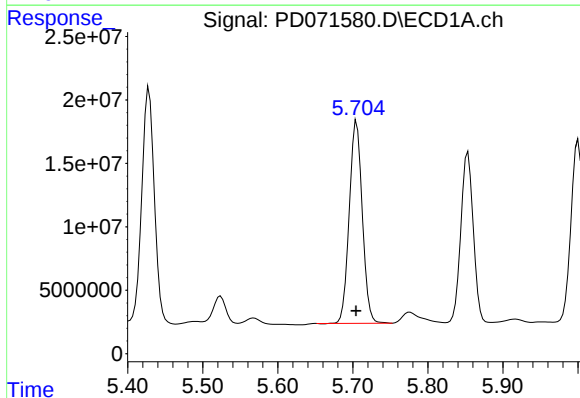
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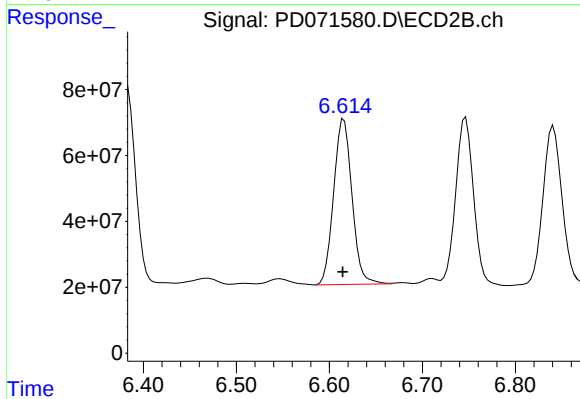
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 828926882
Conc: 48.75 ng/ml



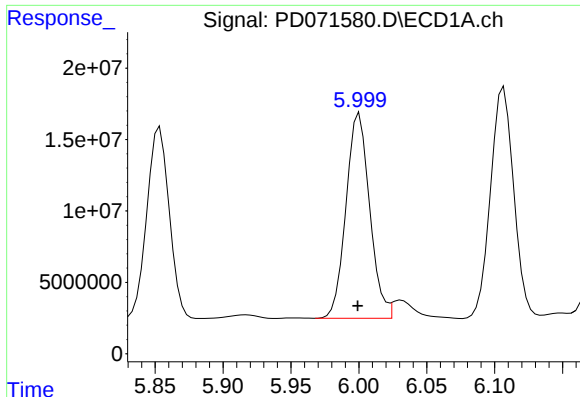
#14 Endrin

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 192695099
Conc: 55.91 ng/ml



#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 689098288
Conc: 48.08 ng/ml



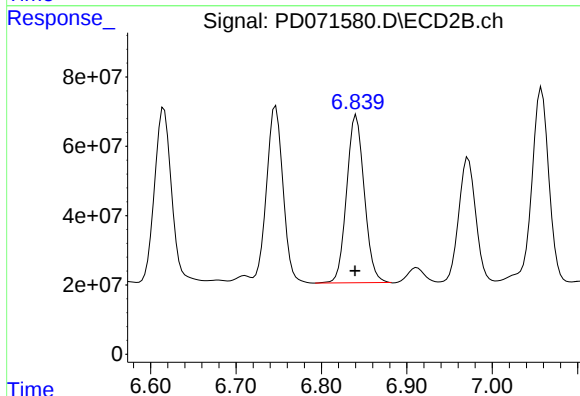
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.001 min
Response: 174289126
Conc: 54.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

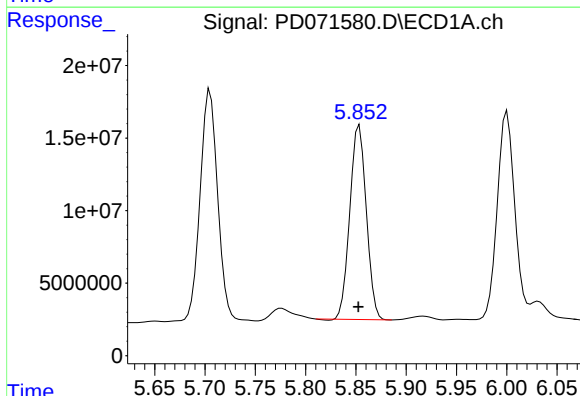
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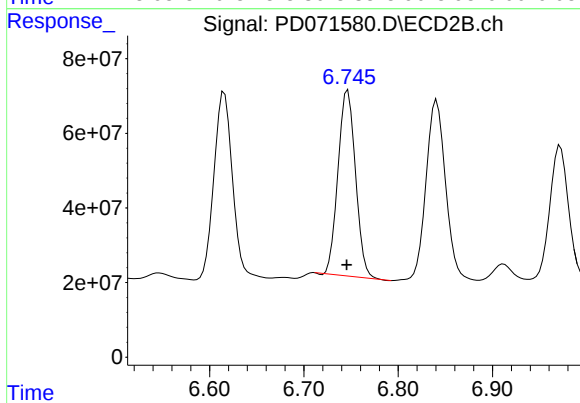
#15 Endosulfan II

R.T.: 6.841 min
Delta R.T.: 0.001 min
Response: 691589628
Conc: 50.29 ng/ml



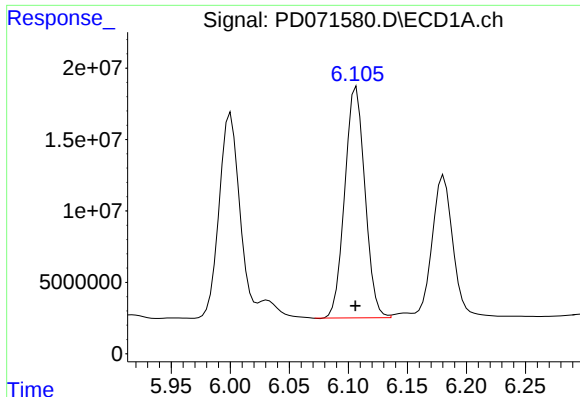
#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 152437905
Conc: 55.57 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 642372317
Conc: 52.20 ng/ml



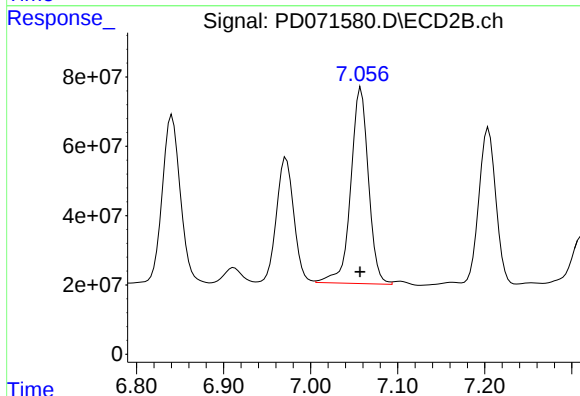
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 192468994
Conc: 66.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

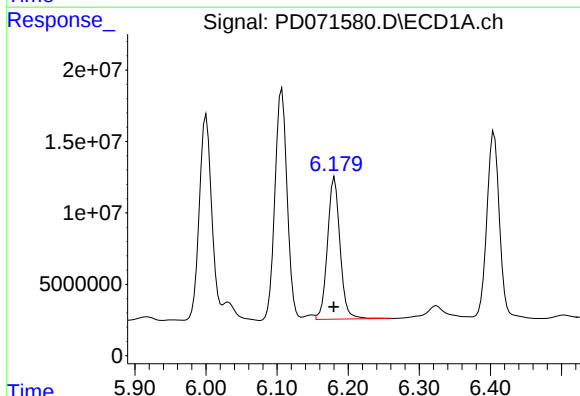
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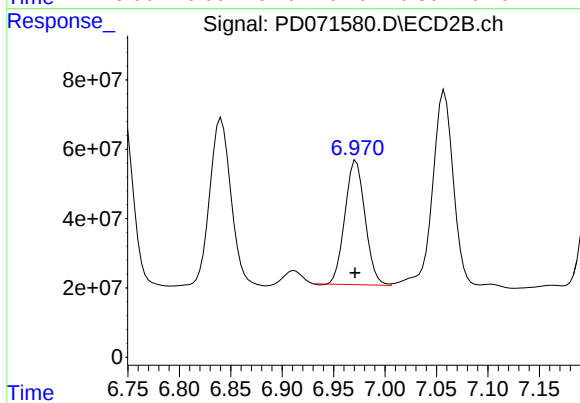
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 798092323
Conc: 62.43 ng/ml



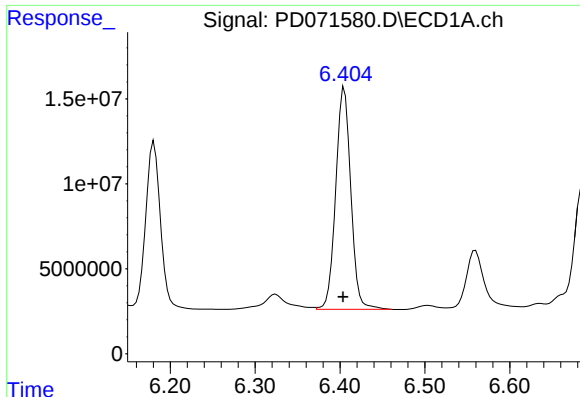
#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.001 min
Response: 121993693
Conc: 47.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.972 min
Delta R.T.: 0.001 min
Response: 488767720
Conc: 44.77 ng/ml



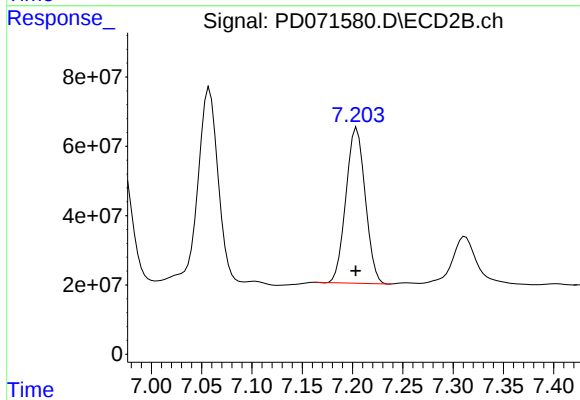
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 161216416
Conc: 52.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

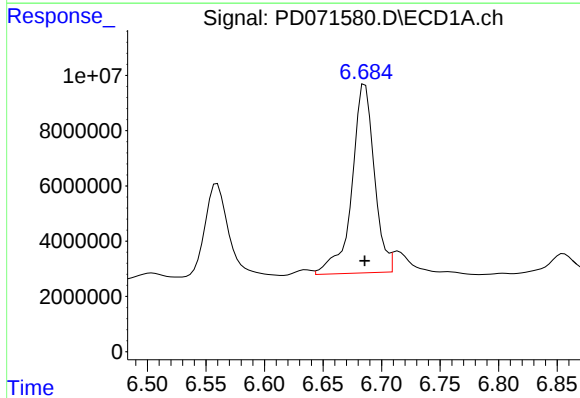
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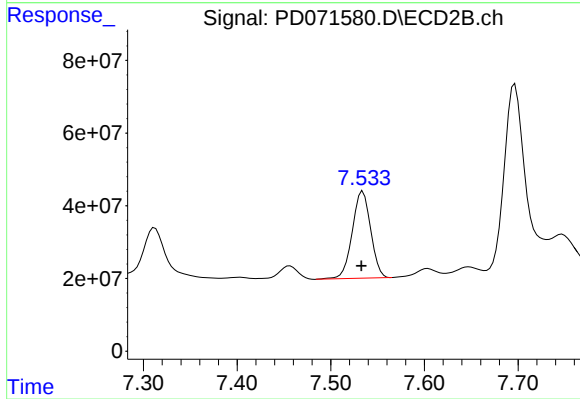
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 597837889
Conc: 48.77 ng/ml



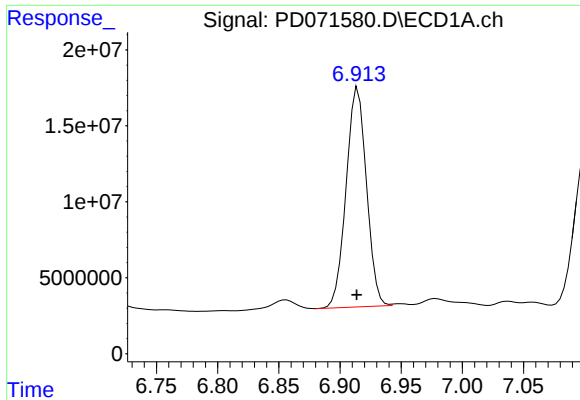
#20 Methoxychlor

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 91199981
Conc: 57.81 ng/ml



#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 327237326
Conc: 51.67 ng/ml



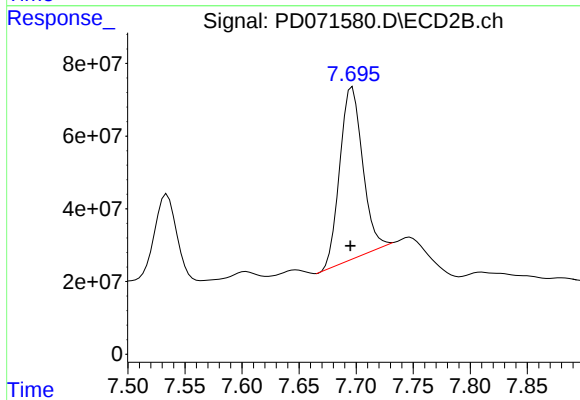
#21 Endrin ketone

R.T.: 6.915 min
Delta R.T.: 0.001 min
Response: 167103522
Conc: 46.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

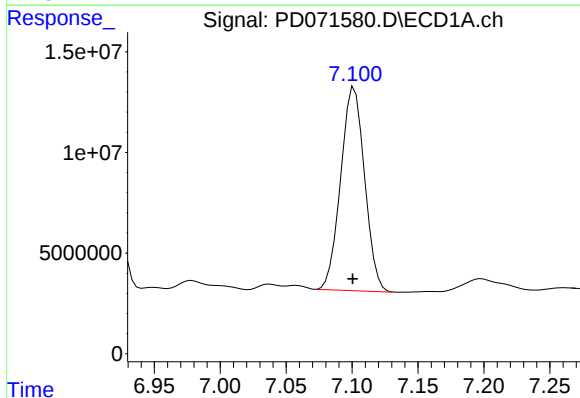
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/17/2022
Supervised By :Ankita Jodhani 08/17/2022



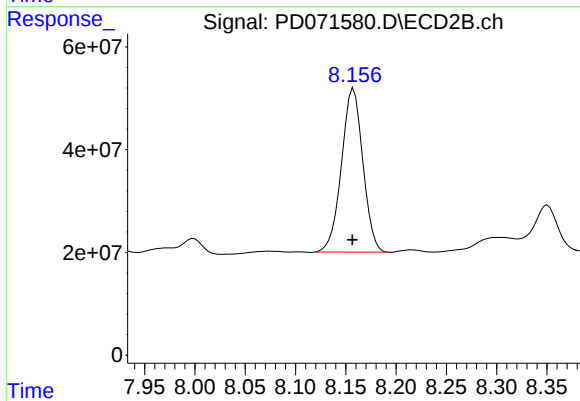
#21 Endrin ketone

R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 653647096
Conc: 48.76 ng/ml



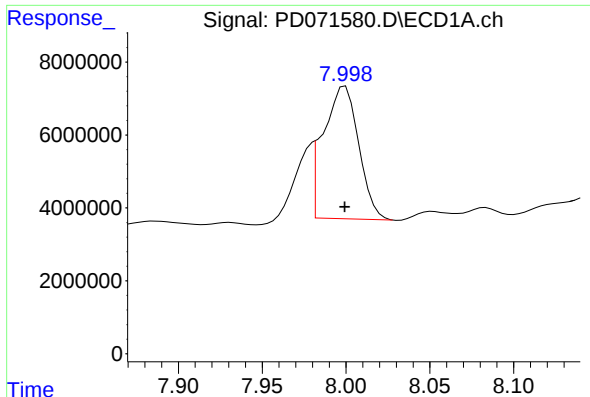
#22 Mirex

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 127541826
Conc: 44.24 ng/ml m



#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.001 min
Response: 470742988
Conc: 48.73 ng/ml



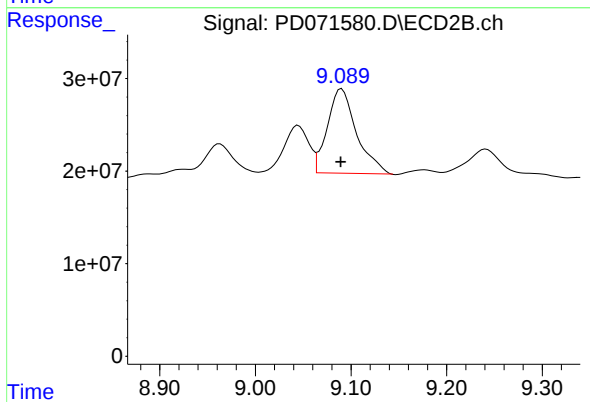
#28 Decachlorobiphenyl

R.T.: 7.998 min
Delta R.T.: 0.000 min
Response: 51783485
Conc: 17.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-354MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/17/2022
Supervised By :Ankita Jodhani 08/17/2022



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 191814948
Conc: 18.80 ng/ml m