

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060422\
 Data File : PD070040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 20:10
 Operator : AR\AJ
 Sample : N2990-21MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P028-SS001-0612-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/04/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 00:43:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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...	3.442	4.170	17089647	160.6E6	16.059	18.226
28)	SA Decachlor...	8.195	9.365	14651534	81668595	13.433	15.101
Target Compounds							
2)	A alpha-BHC	3.881	4.566	95168997	824.0E6	58.075	62.924
3)	MA gamma-BHC...	4.164	4.857	89792731	788.0E6	52.026	63.879
4)	MA Heptachlor	4.461	5.384	85953676	747.2E6	57.574	64.187
5)	MB Aldrin	4.709	5.695	77691233	748.8E6	53.608	64.909m
6)	B beta-BHC	4.415	5.019	37138183	323.6E6	53.361	61.600m
7)	B delta-BHC	4.618	5.247	86413182	623.1E6	56.717	65.498
8)	B Heptachlo...	5.152	6.085	77335236	567.8E6	57.912	72.164
9)	A Endosulfan I	5.491	6.447	70937853	574.1E6	56.615	62.950
10)	B gamma-Chl...	5.378	6.322	77554635	640.1E6	57.314	64.587
11)	B alpha-Chl...	5.436	6.396	75766817	612.3E6	56.911	63.001
12)	B 4,4'-DDE	5.602	6.546	70946919	576.0E6	55.998	63.660
13)	MA Dieldrin	5.734	6.706	77119387	608.2E6	58.587	64.464
14)	MA Endrin	5.992	6.926	70467330	493.4E6	61.028	73.104
15)	B Endosulfa...	6.267	7.132	66529714	484.0E6	59.811	65.160
16)	A 4,4'-DDD	6.119	7.038	61788102	485.3E6	57.106	65.528
17)	MA 4,4'-DDT	6.359	7.340	63737763	482.5E6	64.312	65.936
18)	B Endrin al...	6.435	7.255	51841141	373.1E6	60.337	64.988
19)	B Endosulfa...	6.648	7.480	63669883	455.6E6	55.234	61.791
20)	A Methoxychlor	6.909	7.794	40969546	229.2E6	72.218	64.285
21)	B Endrin ke...	7.142	7.956	77707609	470.4E6	58.314	59.084
22)	Mirex	7.324	8.420	57837726	323.7E6	57.520	60.593m

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

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Data File : PD070040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2022 20:10
Operator : AR\AJ
Sample : N2990-21MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

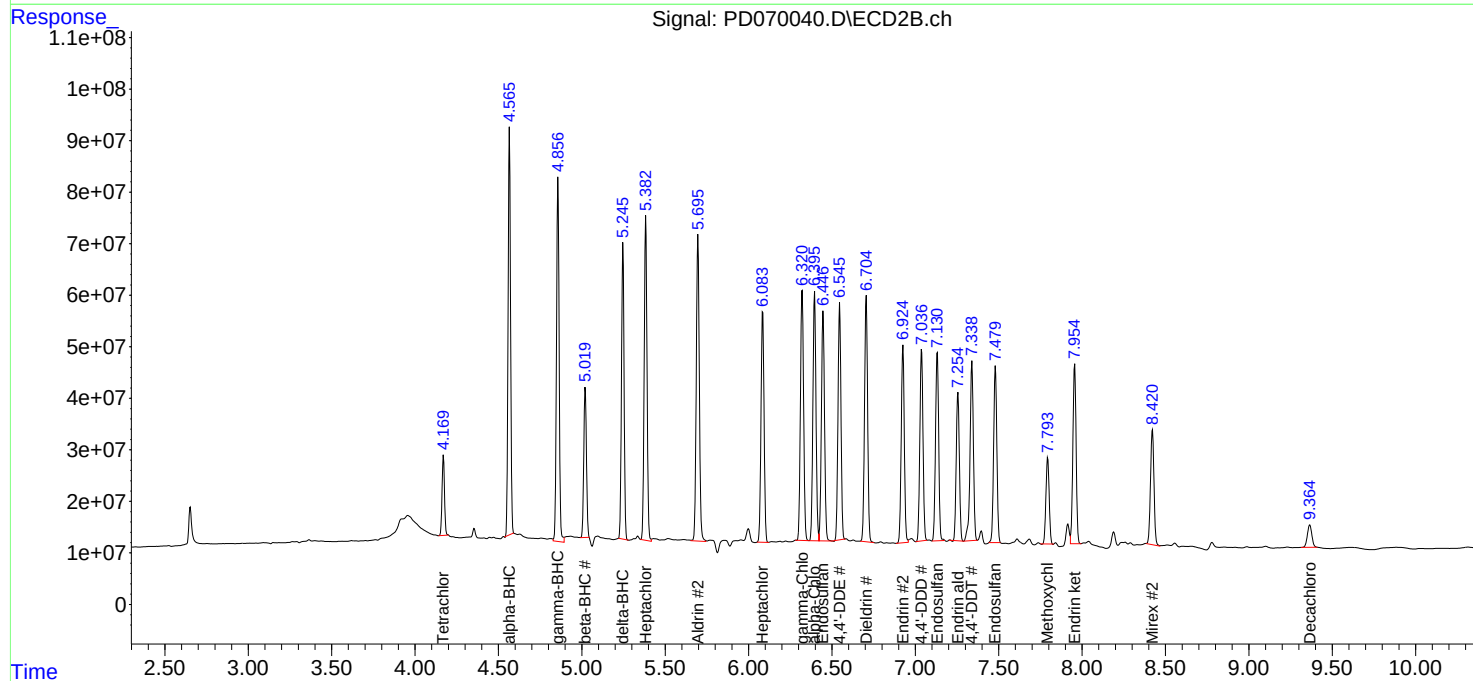
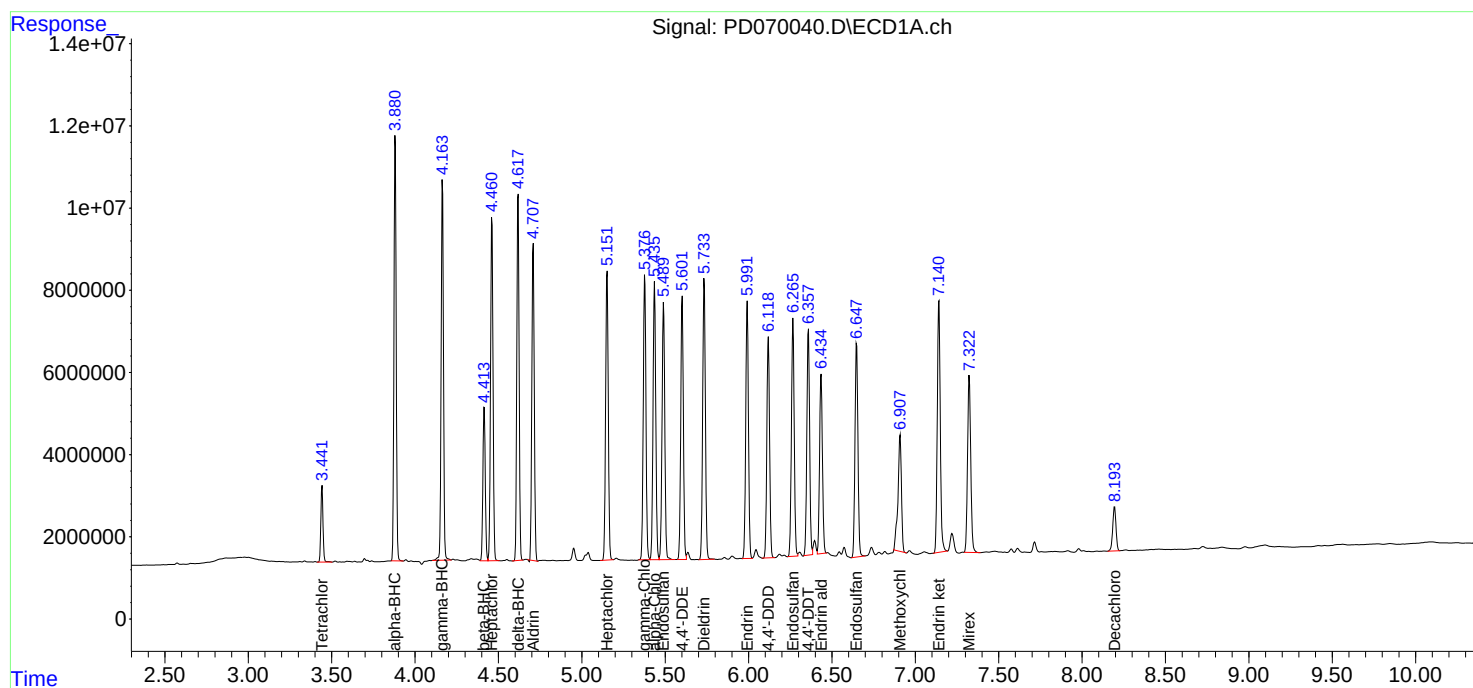
Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

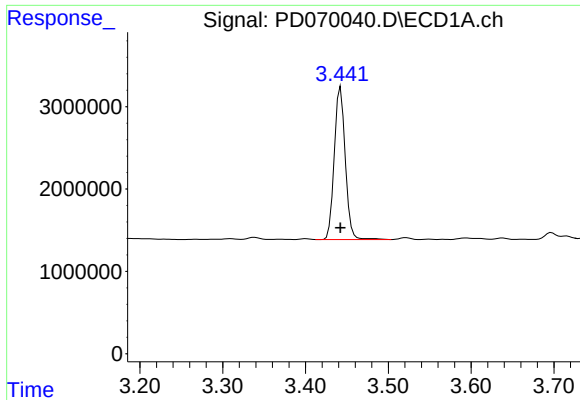
Manual Integrations
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Supervised By :Ankita Jodhani 06/06/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 00:43:05 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 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





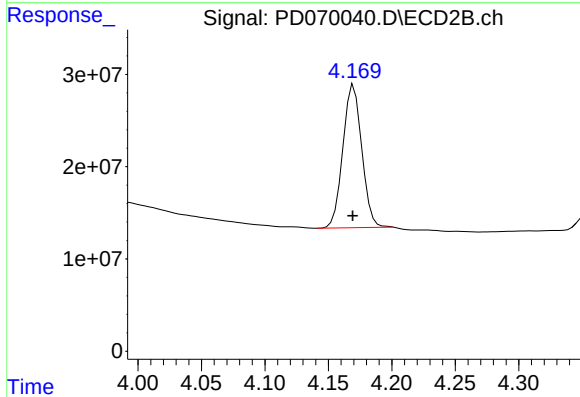
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 17089647
Conc: 16.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

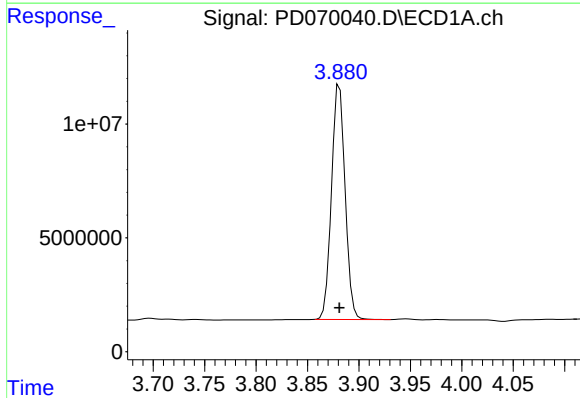
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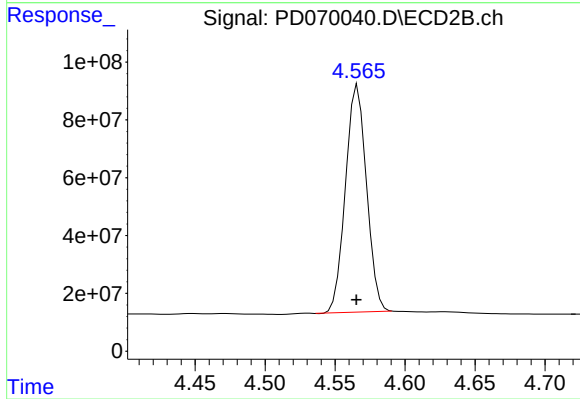
#1 Tetrachloro-m-xylene

R.T.: 4.170 min
Delta R.T.: 0.000 min
Response: 160602611
Conc: 18.23 ng/ml



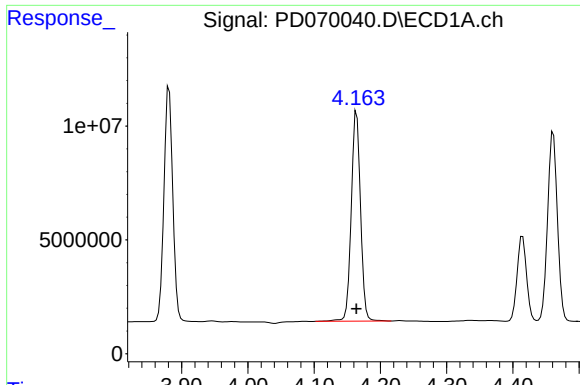
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 95168997
Conc: 58.07 ng/ml



#2 alpha-BHC

R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 823991563
Conc: 62.92 ng/ml



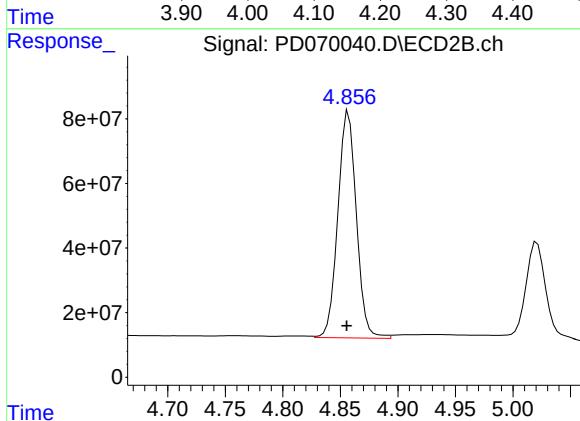
#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 89792731
Conc: 52.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

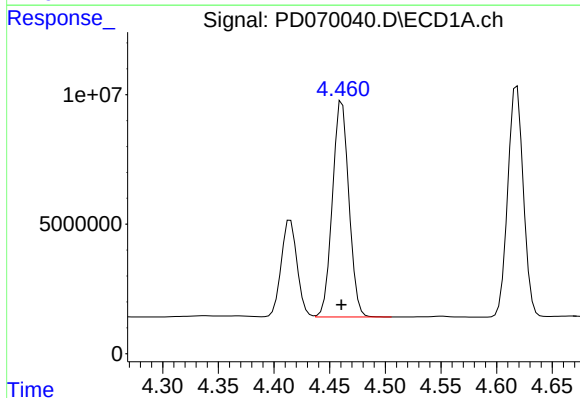
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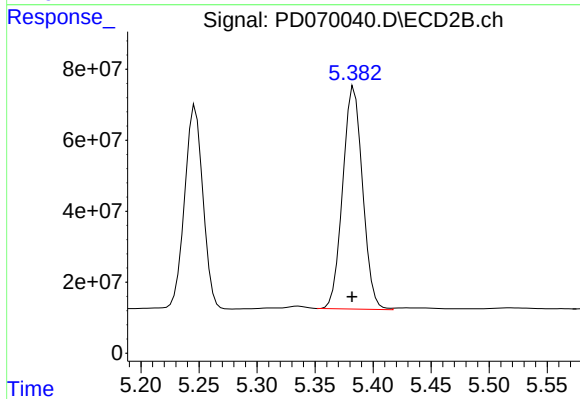
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: 0.001 min
Response: 788016916
Conc: 63.88 ng/ml



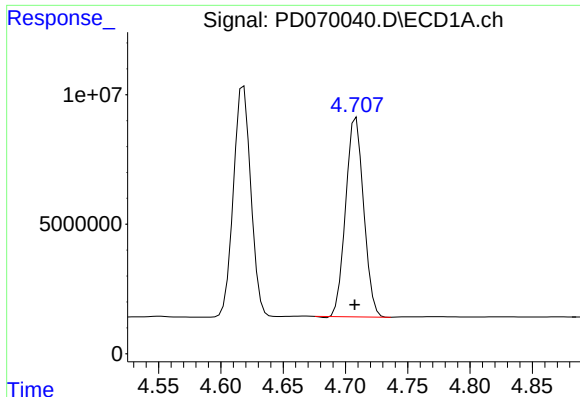
#4 Heptachlor

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 85953676
Conc: 57.57 ng/ml



#4 Heptachlor

R.T.: 5.384 min
Delta R.T.: 0.002 min
Response: 747246033
Conc: 64.19 ng/ml



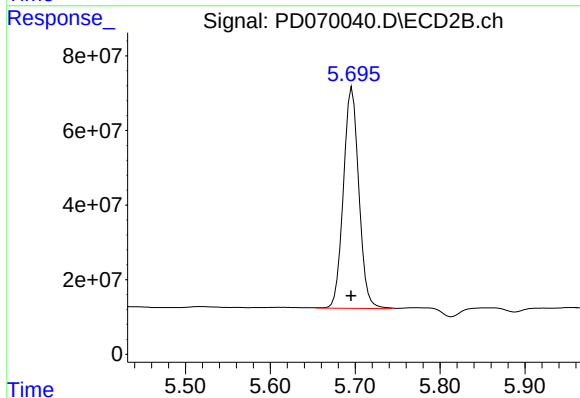
#5 Aldrin

R.T.: 4.709 min
Delta R.T.: 0.000 min
Response: 77691233
Conc: 53.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

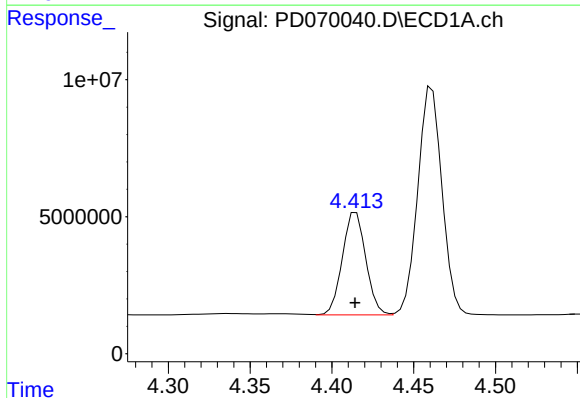
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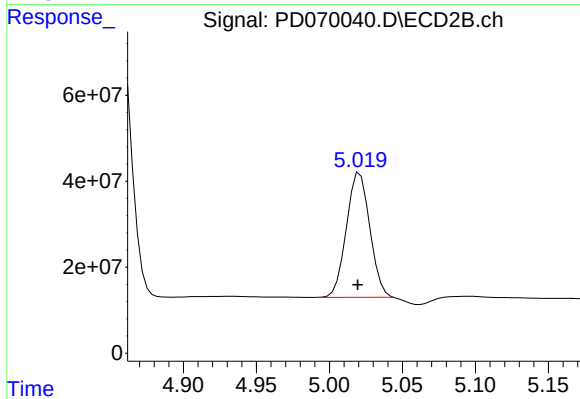
#5 Aldrin

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 748787621
Conc: 64.91 ng/ml m



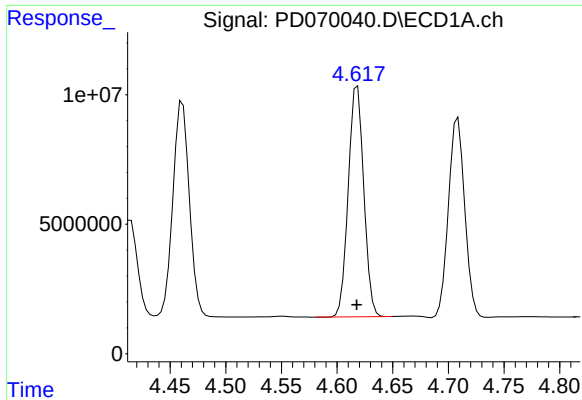
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 37138183
Conc: 53.36 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 323581397
Conc: 61.60 ng/ml m



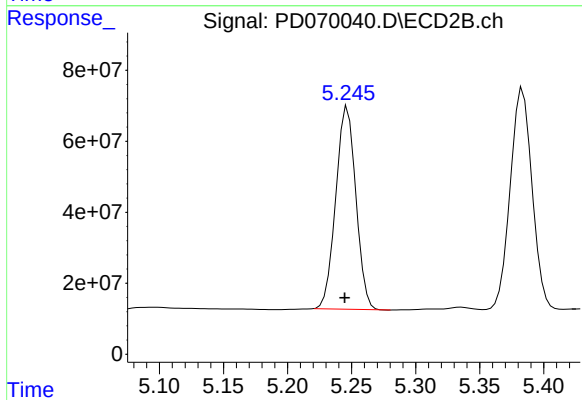
#7 delta-BHC

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 86413182
Conc: 56.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

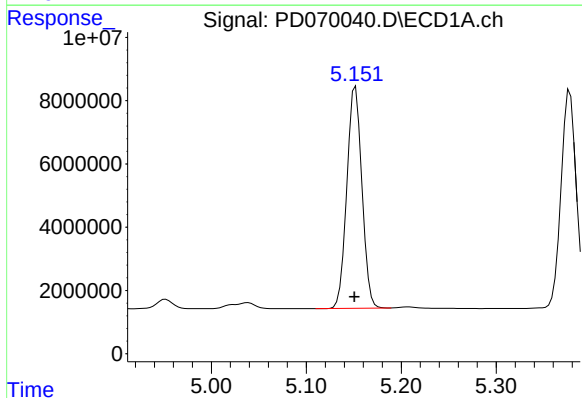
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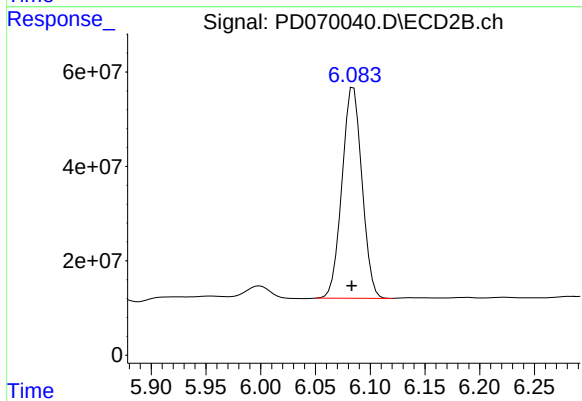
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: 0.002 min
Response: 623100453
Conc: 65.50 ng/ml



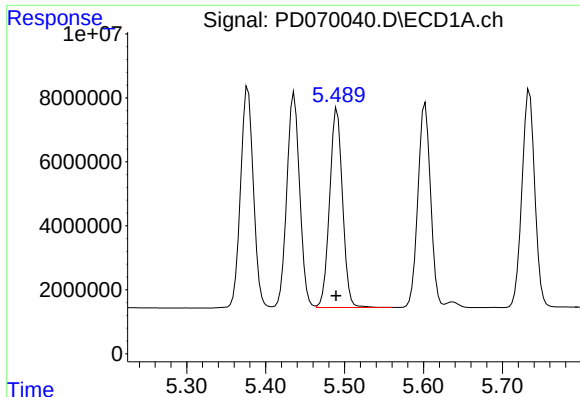
#8 Heptachlor epoxide

R.T.: 5.152 min
Delta R.T.: 0.001 min
Response: 77335236
Conc: 57.91 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 567849247
Conc: 72.16 ng/ml



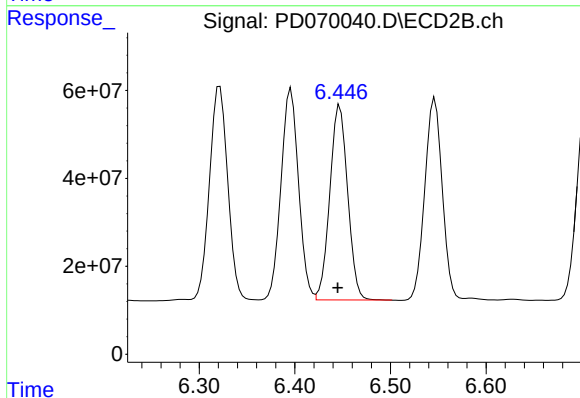
#9 Endosulfan I

R.T.: 5.491 min
Delta R.T.: 0.001 min
Response: 70937853
Conc: 56.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

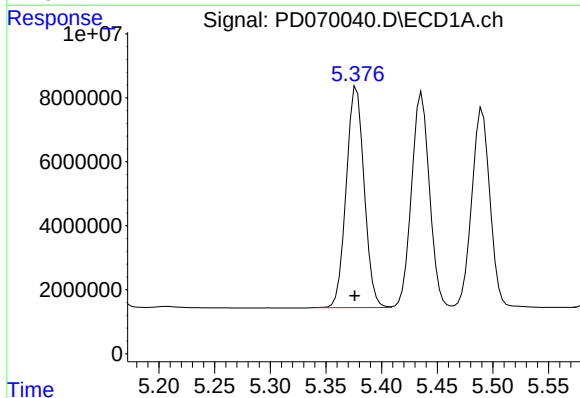
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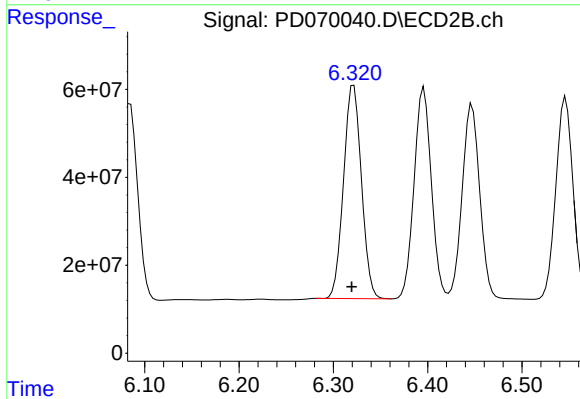
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: 0.002 min
Response: 574133569
Conc: 62.95 ng/ml



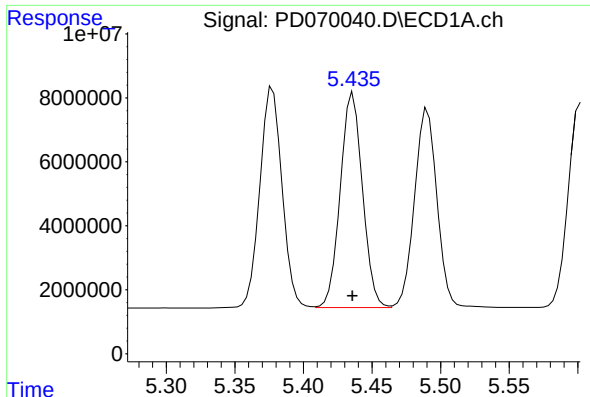
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 77554635
Conc: 57.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.322 min
Delta R.T.: 0.002 min
Response: 640067409
Conc: 64.59 ng/ml



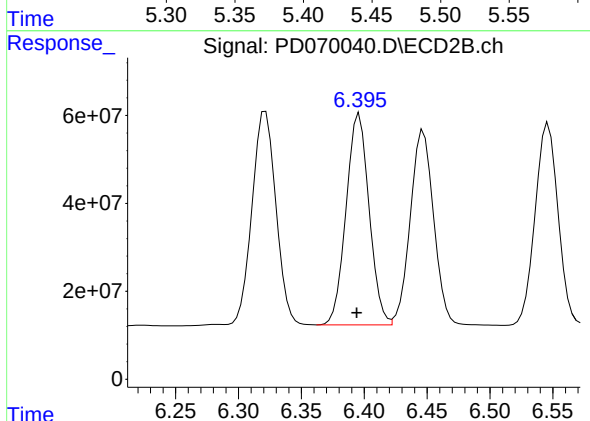
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 75766817
Conc: 56.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

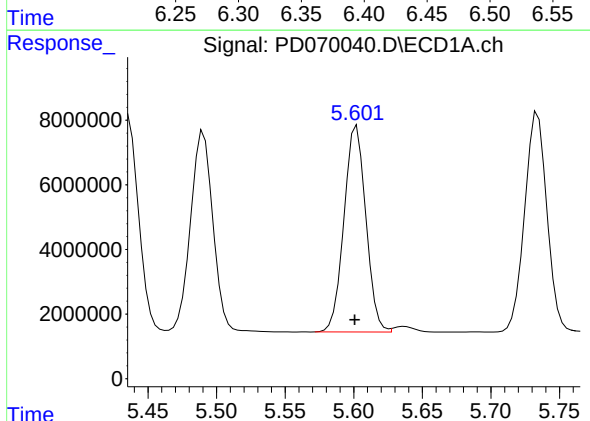
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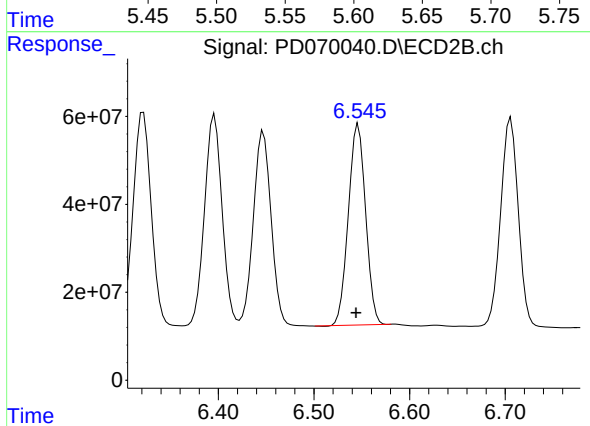
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: 0.002 min
Response: 612290446
Conc: 63.00 ng/ml



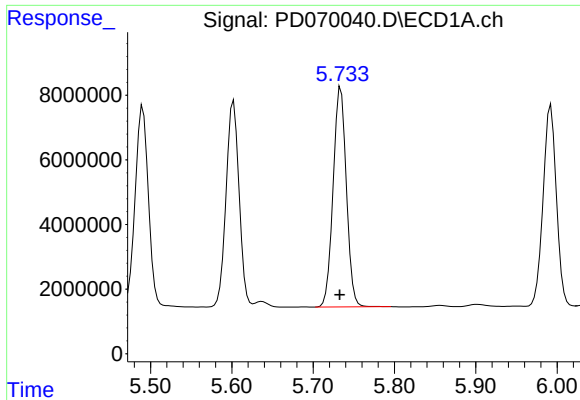
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: 0.001 min
Response: 70946919
Conc: 56.00 ng/ml



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: 0.002 min
Response: 575988452
Conc: 63.66 ng/ml



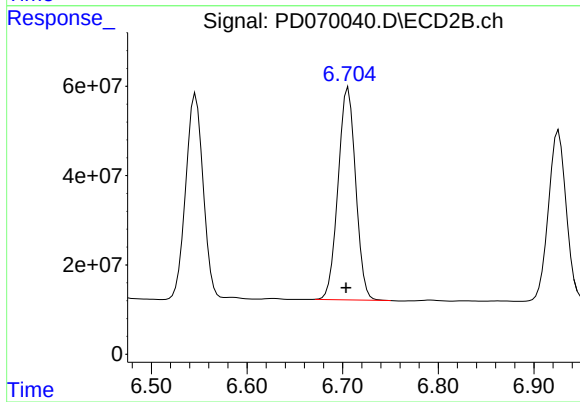
#13 Dieldrin

R.T.: 5.734 min
Delta R.T.: 0.001 min
Response: 77119387
Conc: 58.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
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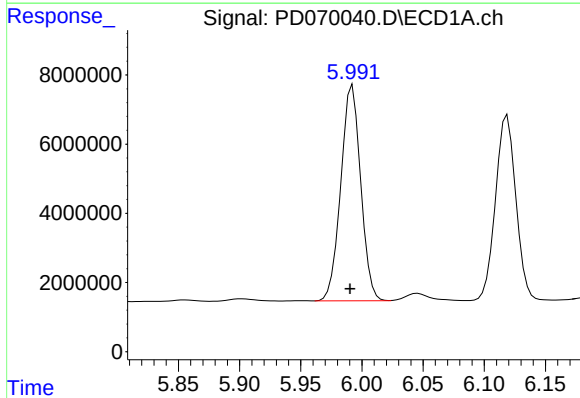
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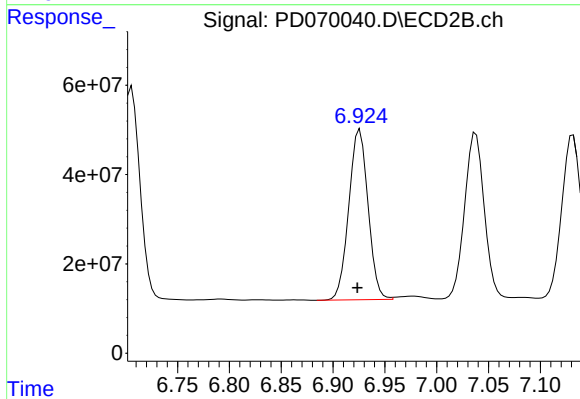
#13 Dieldrin

R.T.: 6.706 min
Delta R.T.: 0.002 min
Response: 608177851
Conc: 64.46 ng/ml



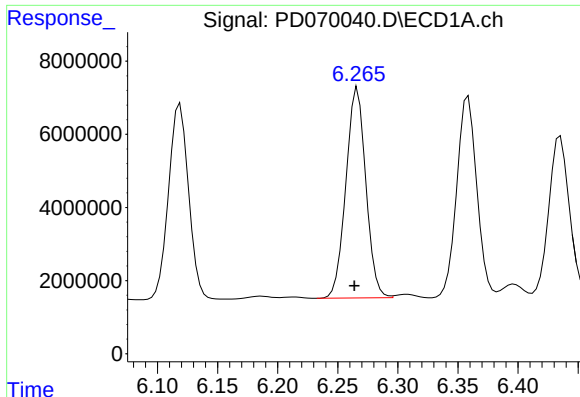
#14 Endrin

R.T.: 5.992 min
Delta R.T.: 0.002 min
Response: 70467330
Conc: 61.03 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 493390554
Conc: 73.10 ng/ml



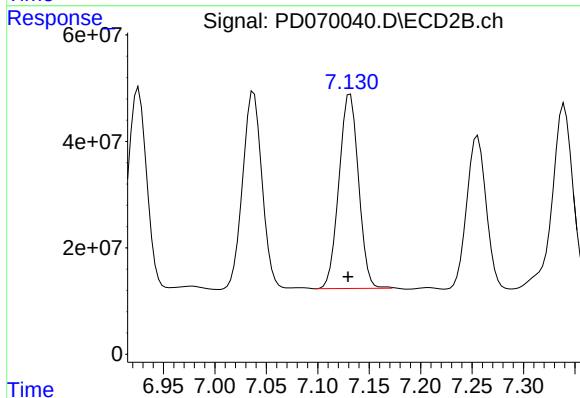
#15 Endosulfan II

R.T.: 6.267 min
Delta R.T.: 0.003 min
Response: 66529714
Conc: 59.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

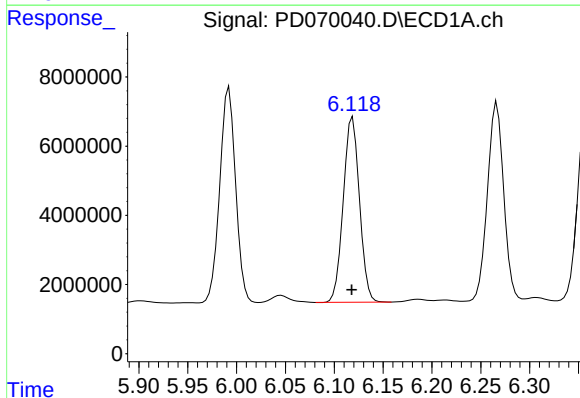
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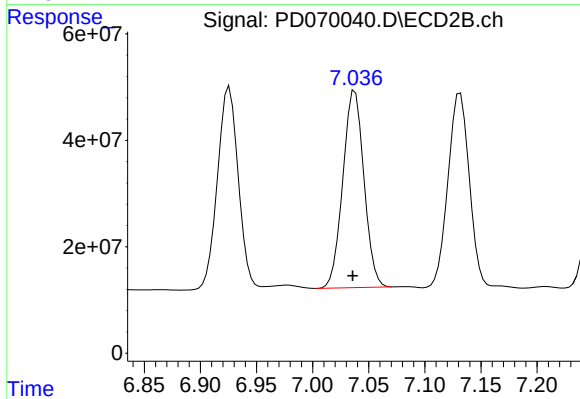
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: 0.002 min
Response: 484002890
Conc: 65.16 ng/ml



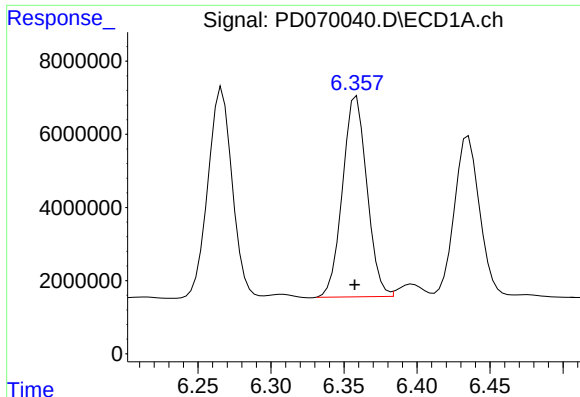
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 61788102
Conc: 57.11 ng/ml



#16 4,4'-DDD

R.T.: 7.038 min
Delta R.T.: 0.002 min
Response: 485251807
Conc: 65.53 ng/ml



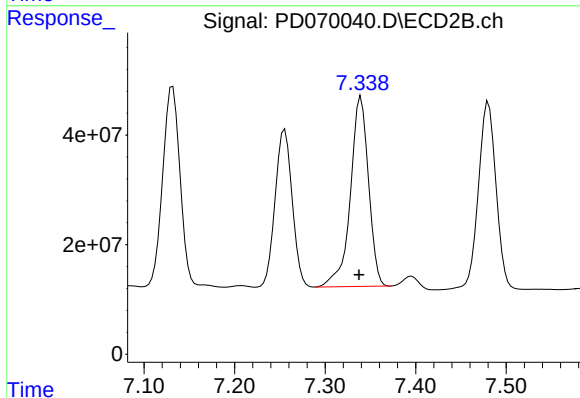
#17 4,4'-DDT

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 63737763
Conc: 64.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
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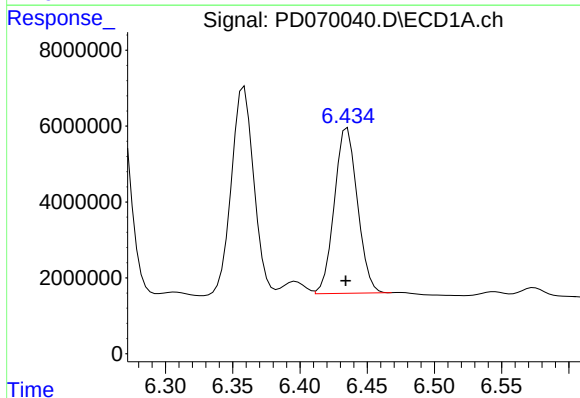
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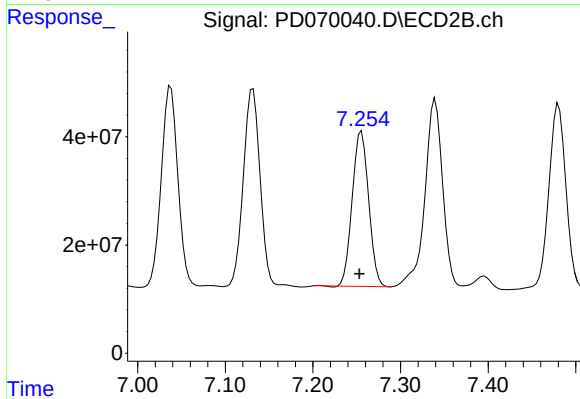
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 482527006
Conc: 65.94 ng/ml



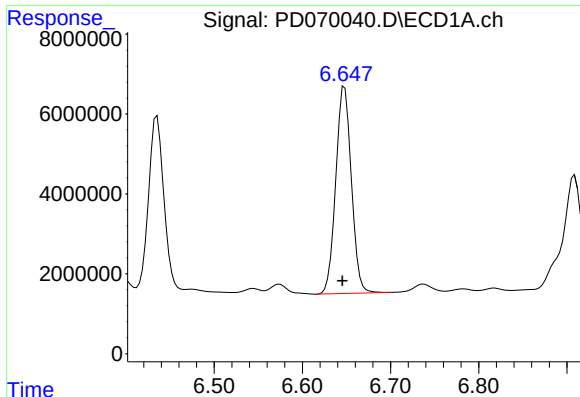
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 51841141
Conc: 60.34 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.003 min
Response: 373149166
Conc: 64.99 ng/ml



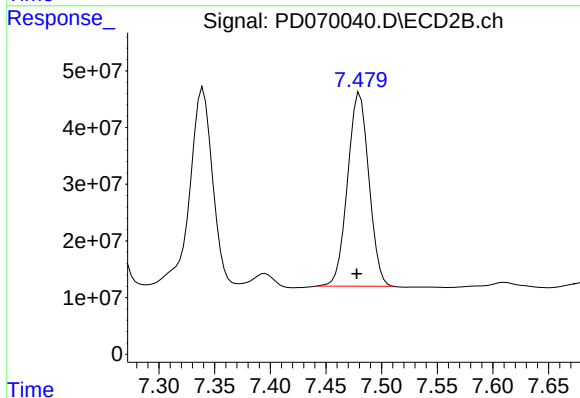
#19 Endosulfan Sulfate

R.T.: 6.648 min
Delta R.T.: 0.003 min
Response: 63669883
Conc: 55.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

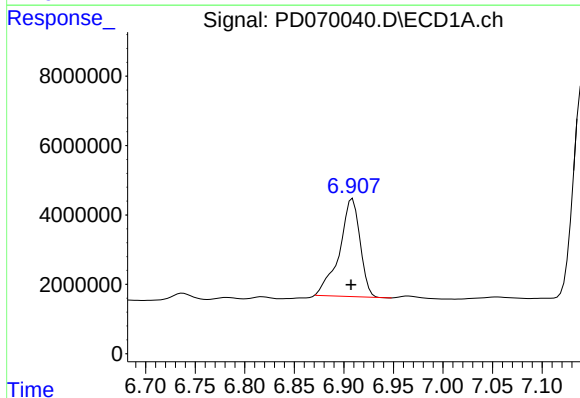
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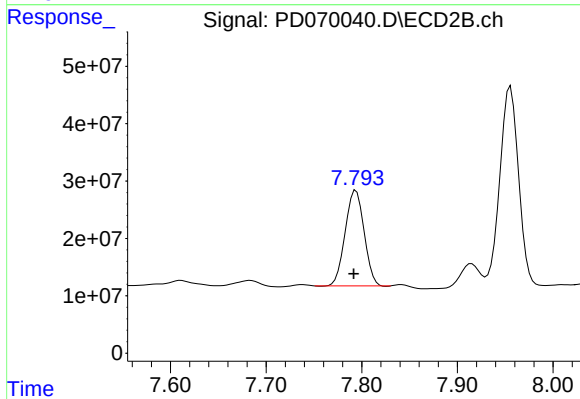
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: 0.003 min
Response: 455591162
Conc: 61.79 ng/ml



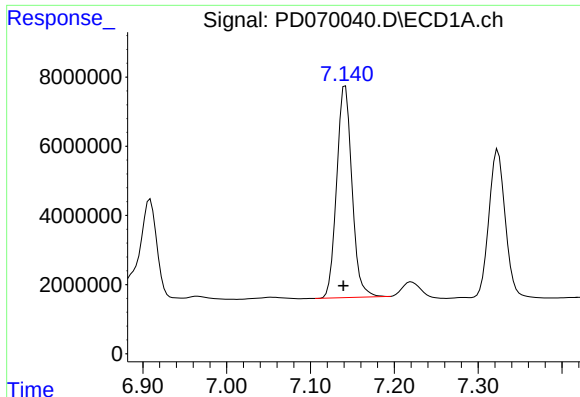
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 40969546
Conc: 72.22 ng/ml



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: 0.002 min
Response: 229216170
Conc: 64.29 ng/ml



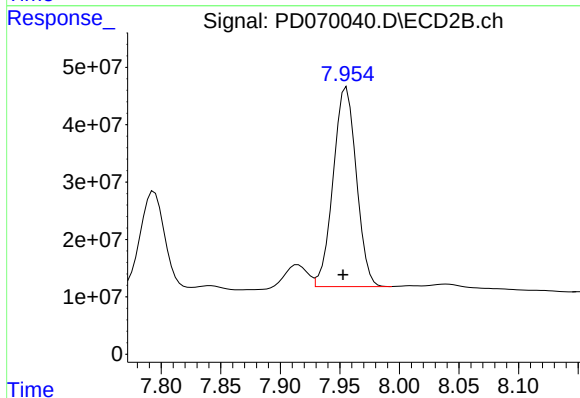
#21 Endrin ketone

R.T.: 7.142 min
Delta R.T.: 0.002 min
Response: 77707609
Conc: 58.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

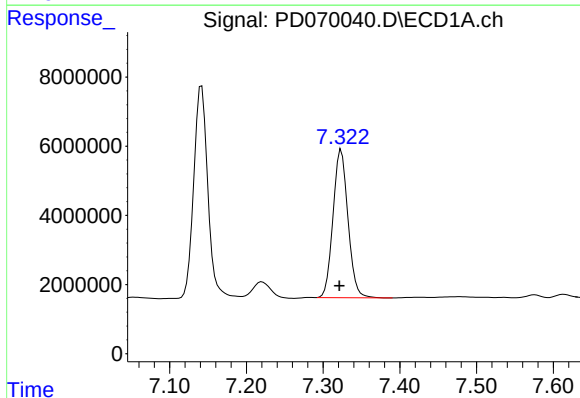
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2022
Supervised By :Ankita Jodhani 06/06/2022



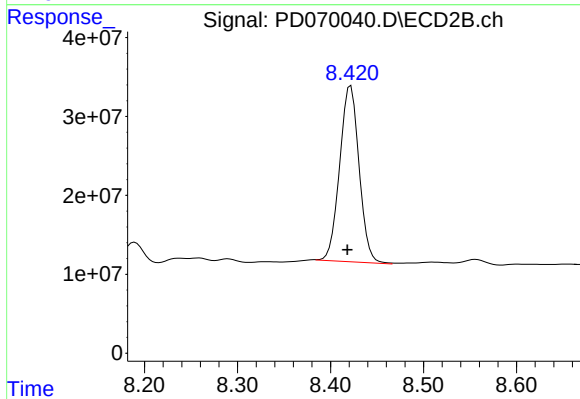
#21 Endrin ketone

R.T.: 7.956 min
Delta R.T.: 0.003 min
Response: 470380291
Conc: 59.08 ng/ml



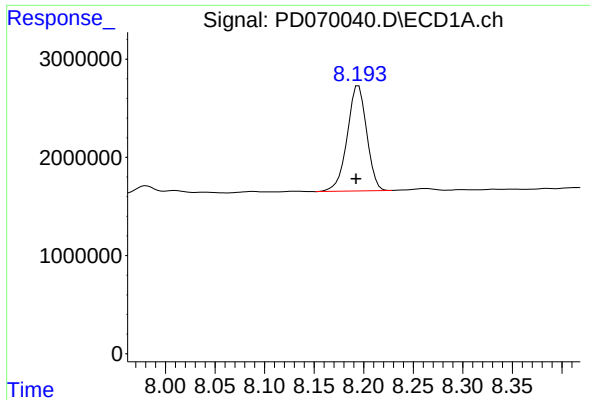
#22 Mirex

R.T.: 7.324 min
Delta R.T.: 0.002 min
Response: 57837726
Conc: 57.52 ng/ml



#22 Mirex

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 323701017
Conc: 60.59 ng/ml m



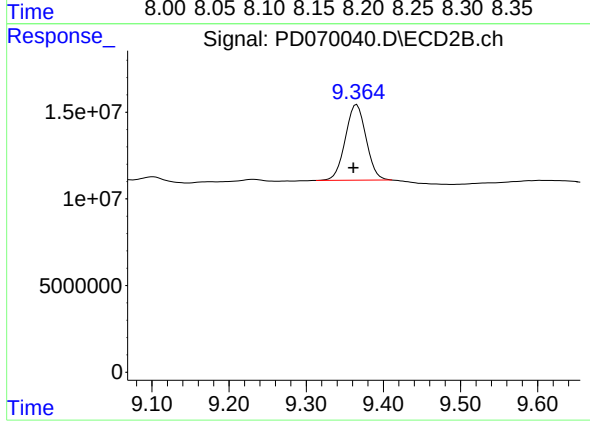
#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.003 min
Response: 14651534
Conc: 13.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
P028-SS001-0612-01MS

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#28 Decachlorobiphenyl

R.T.: 9.365 min
Delta R.T.: 0.004 min
Response: 81668595
Conc: 15.10 ng/ml