

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 13:16
 Operator : AR\AJ
 Sample : PB156704BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156704BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:15:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.568	2.803	23676939	36309737	14.664	15.683
28)	SA Decachlor...	9.112	7.949	32309736	44377785	16.106	18.206
Target Compounds							
2)	A alpha-BHC	4.024	3.306	20817615	30426718	7.820	8.775
3)	MA gamma-BHC...	4.358	3.636	20056896	29180690	7.718	8.593
4)	MA Heptachlor	4.951	3.979	22619457	30366706	8.456	9.943
5)	MB Aldrin	5.294	4.258	20374701	29678703	7.907	9.072m
6)	B beta-BHC	4.551	3.931	9920177	14386688	9.257	10.210
7)	B delta-BHC	4.799	4.162	20980992	31198784	7.837m	9.318
8)	B Heptachlo...	5.718	4.761	21030394	27658647	8.973m	9.329
9)	A Endosulfan I	6.105	5.130	17281868	23828081	7.972m	9.000m
10)	B gamma-Chl...	5.974	5.010	18735548	27073300	8.172m	9.435m
11)	B alpha-Chl...	6.056	5.076	19224422	26476227	8.431	9.226
12)	B 4,4'-DDE	6.226	5.265	16386943	24499593	7.755	9.202
13)	MA Dieldrin	6.382	5.397	17999914	26991691	7.729	9.088
14)	MA Endrin	6.611	5.671	14897198	24705312	7.649m	9.654 #
15)	B Endosulfa...	6.828	5.963	15360287	22465046	7.531m	8.999
16)	A 4,4'-DDD	6.742	5.818	13402846	21489535	7.624m	9.408
17)	MA 4,4'-DDT	7.058	6.070	13905773	19661254	7.343	8.588
18)	B Endrin al...	6.958	6.143	11197282	16751052	7.251m	9.009
19)	B Endosulfa...	7.194	6.365	15590374	22469249	7.842	9.624
20)	A Methoxychlor	7.531	6.645	7683377	11952699	7.012m	8.804 #
21)	B Endrin ke...	7.681	6.871	17190952	24491687	7.885	8.760
22)	Mirex	8.157	7.057	16507515	25331522	9.752	11.857

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
Data File : PD079412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Nov 2023 13:16
Operator : AR\AJ
Sample : PB156704BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

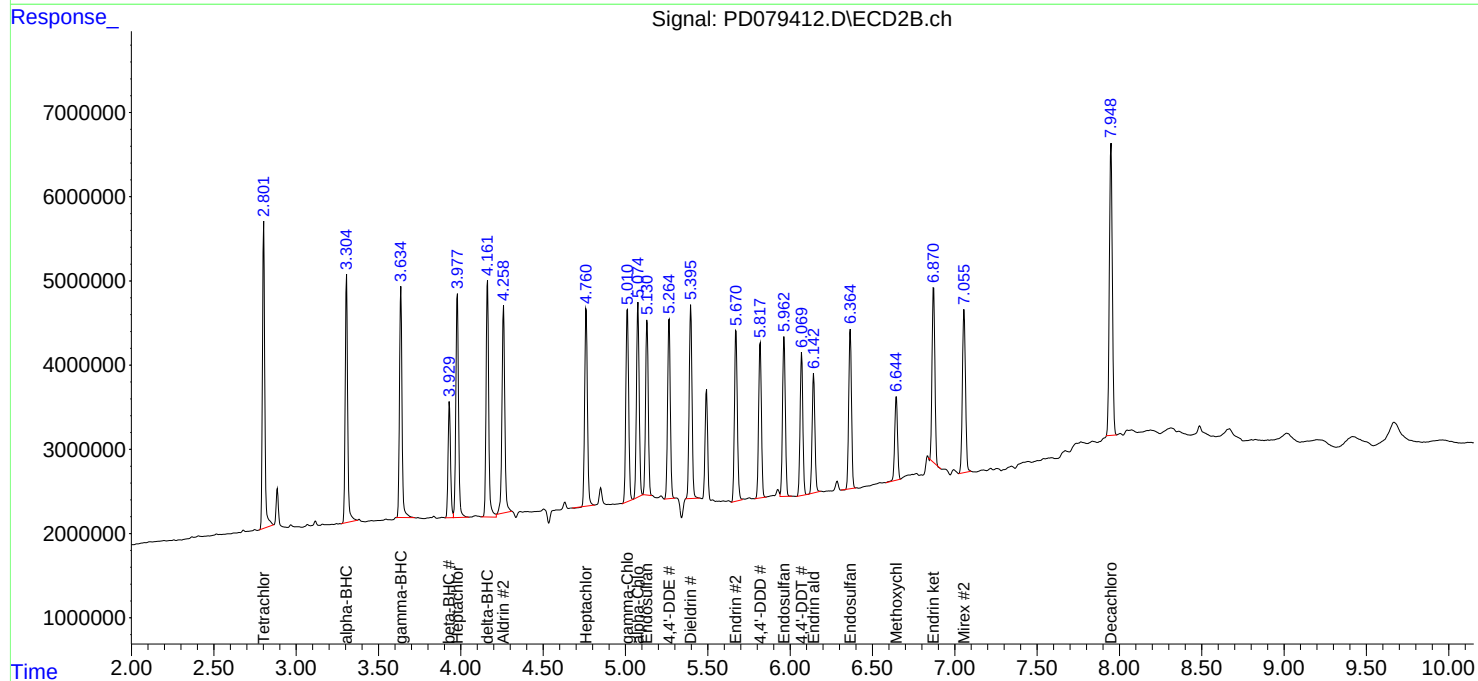
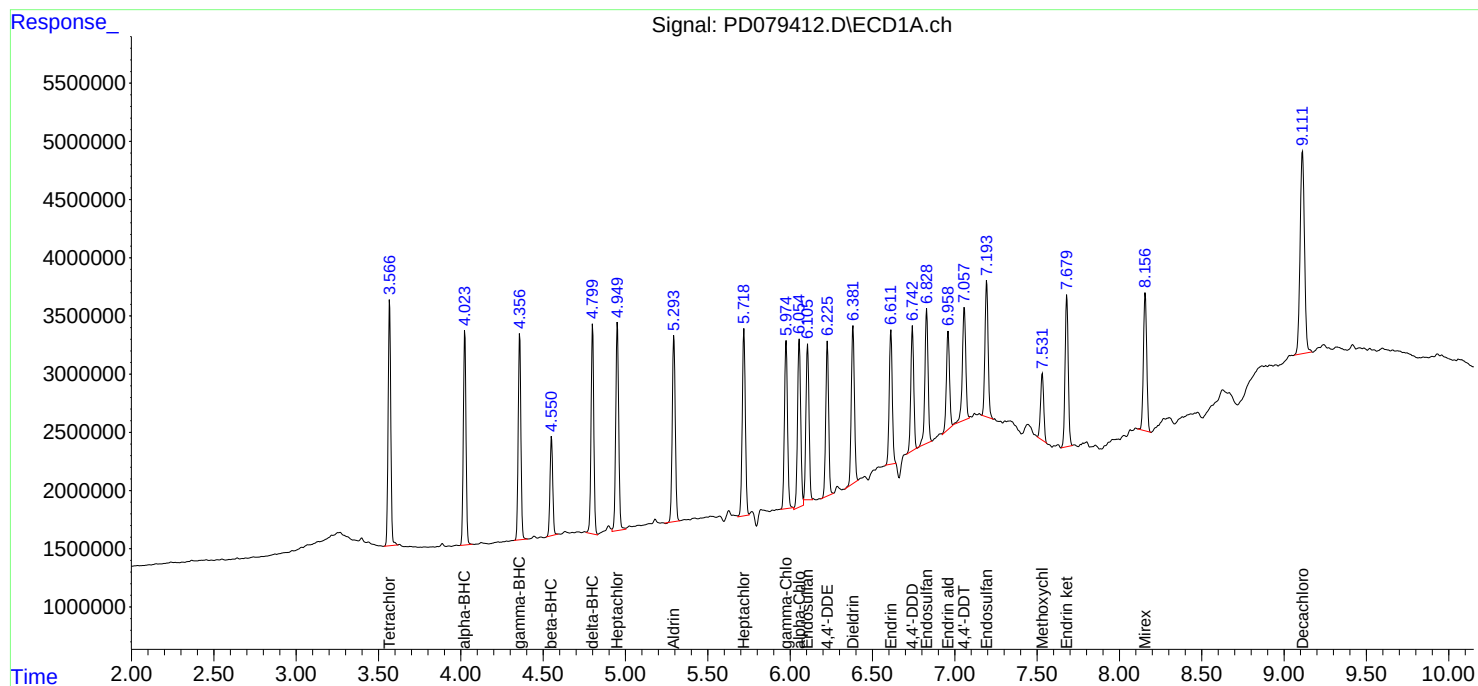
Instrument :
ECD_D
ClientSampleId :
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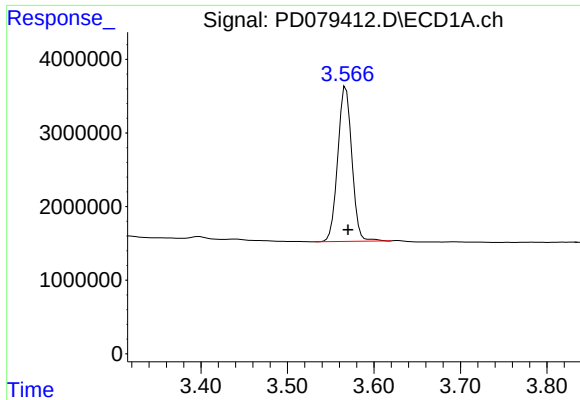
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 00:15:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





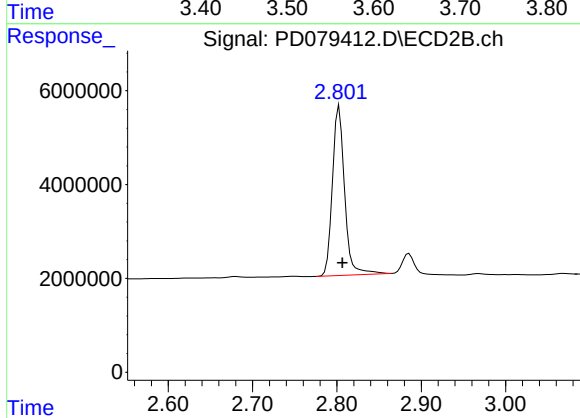
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.002 min
Response: 23676939
Conc: 14.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

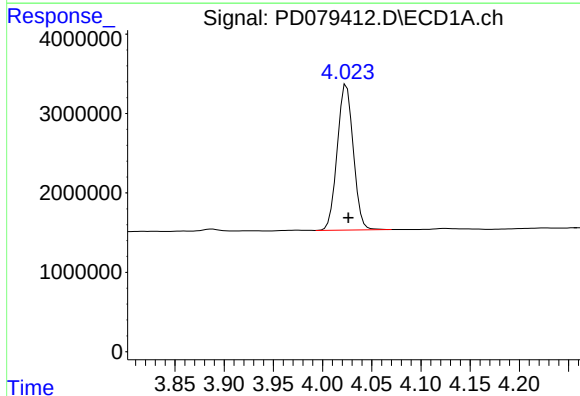
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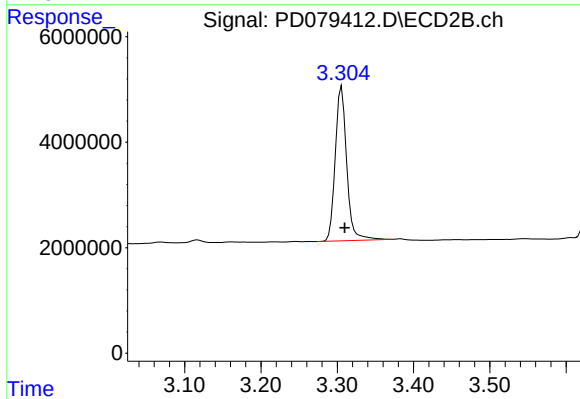
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.004 min
Response: 36309737
Conc: 15.68 ng/ml



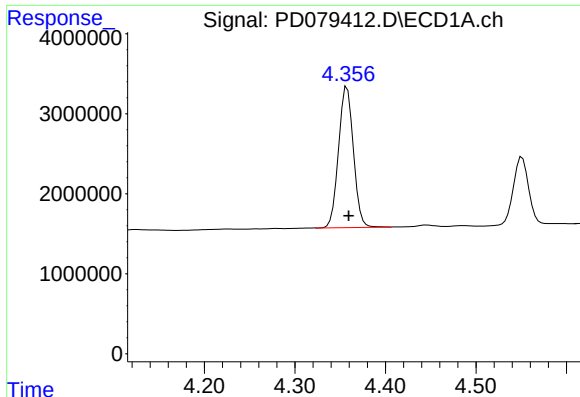
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 20817615
Conc: 7.82 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 30426718
Conc: 8.78 ng/ml



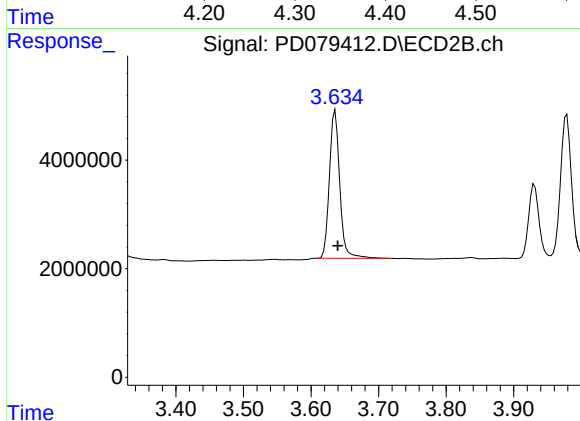
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 20056896
Conc: 7.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
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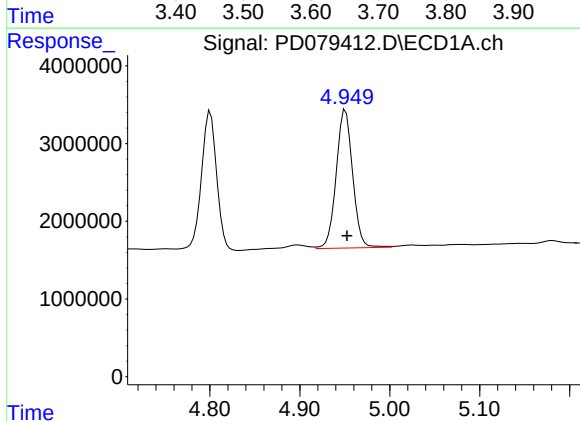
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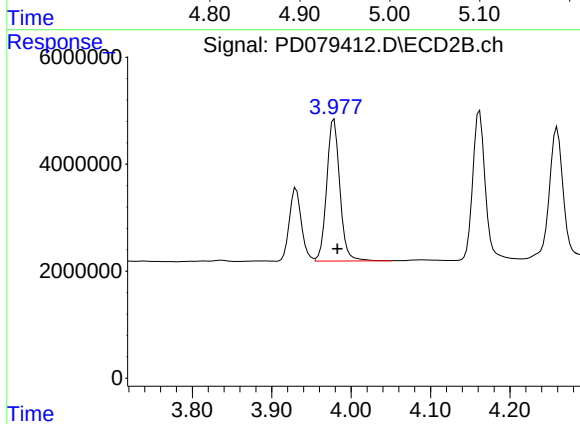
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 29180690
Conc: 8.59 ng/ml



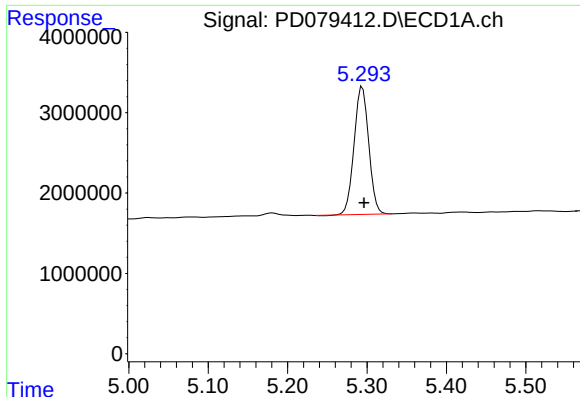
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 22619457
Conc: 8.46 ng/ml



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 30366706
Conc: 9.94 ng/ml



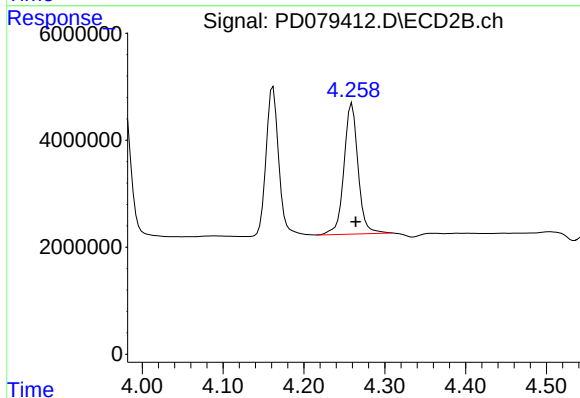
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 20374701
Conc: 7.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

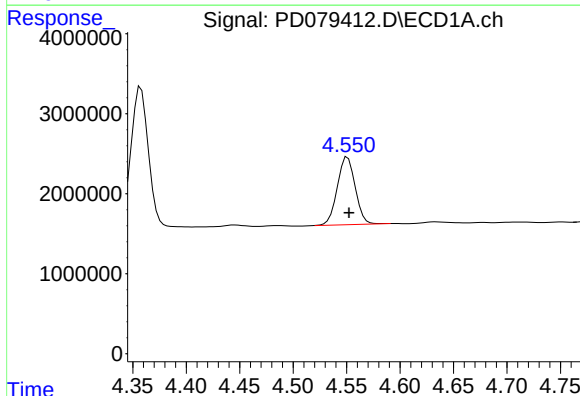
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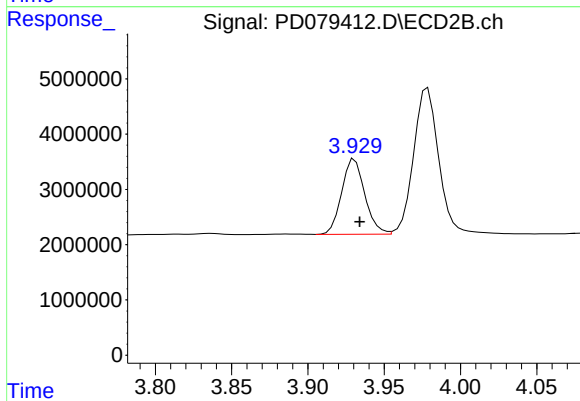
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 29678703
Conc: 9.07 ng/ml m



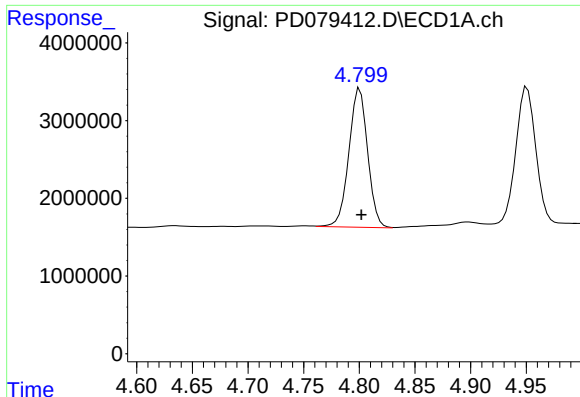
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 9920177
Conc: 9.26 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 14386688
Conc: 10.21 ng/ml



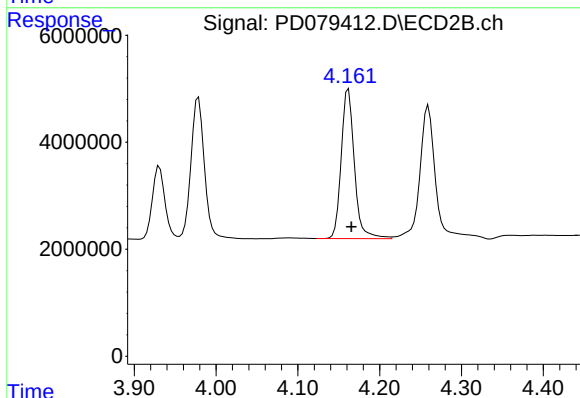
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 20980992
Conc: 7.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

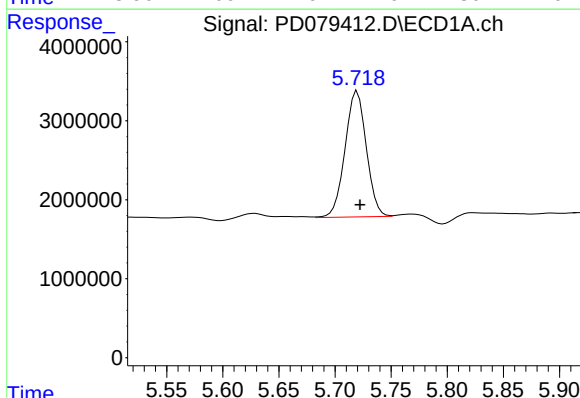
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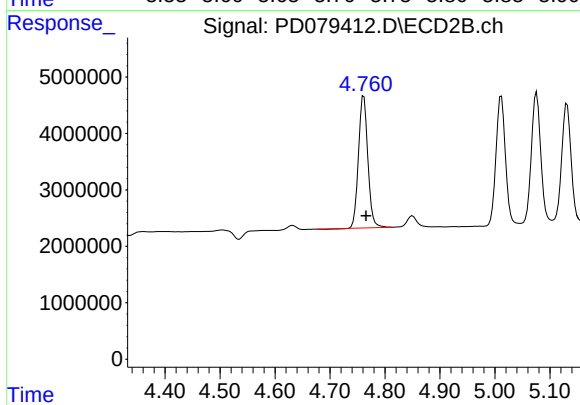
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 31198784
Conc: 9.32 ng/ml



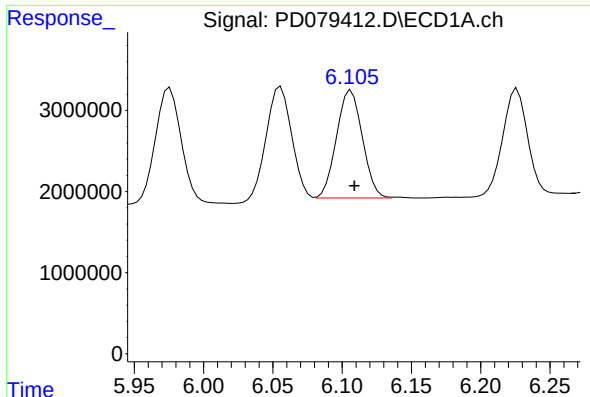
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.004 min
Response: 21030394
Conc: 8.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 27658647
Conc: 9.33 ng/ml



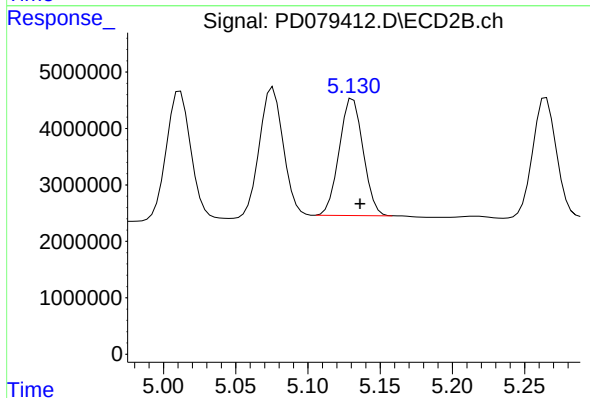
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 17281868
Conc: 7.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

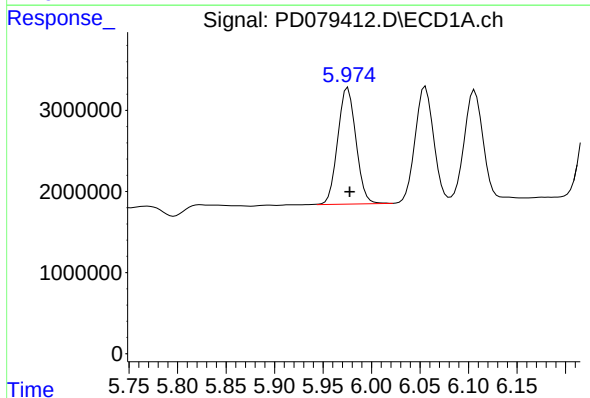
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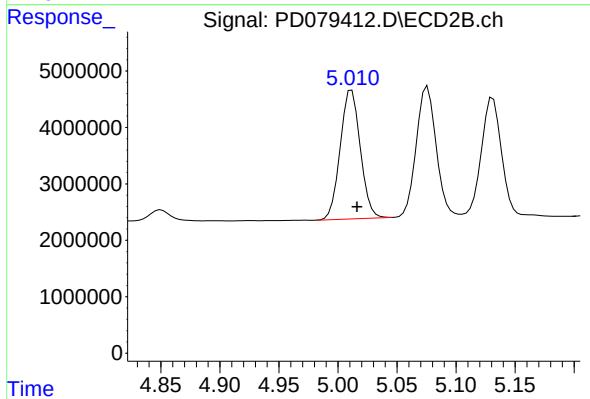
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 23828081
Conc: 9.00 ng/ml m



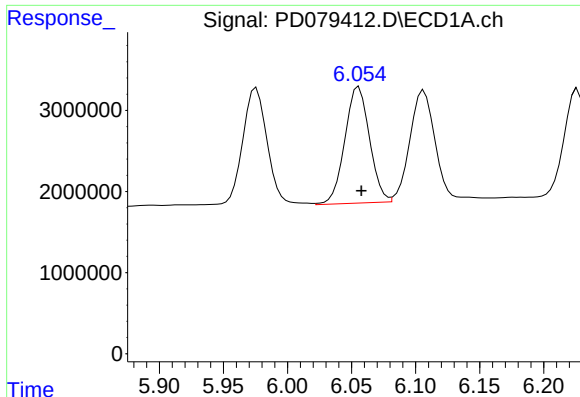
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 18735548
Conc: 8.17 ng/ml m



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 27073300
Conc: 9.44 ng/ml m



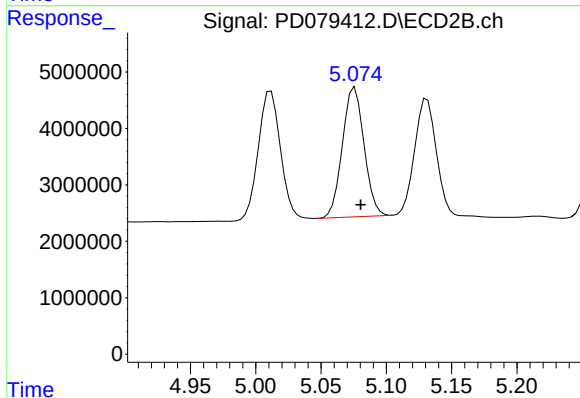
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 19224422
Conc: 8.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

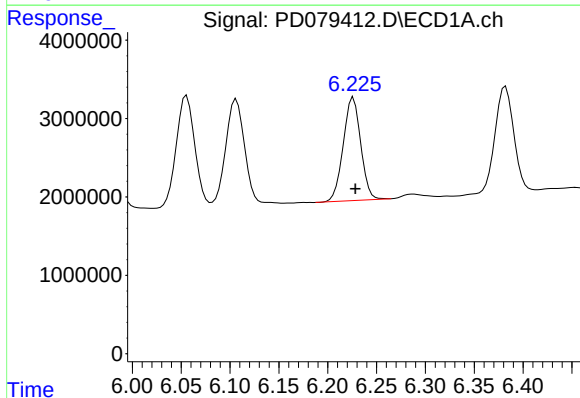
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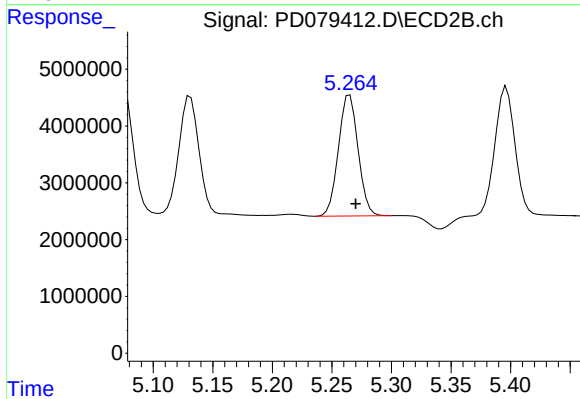
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 26476227
Conc: 9.23 ng/ml



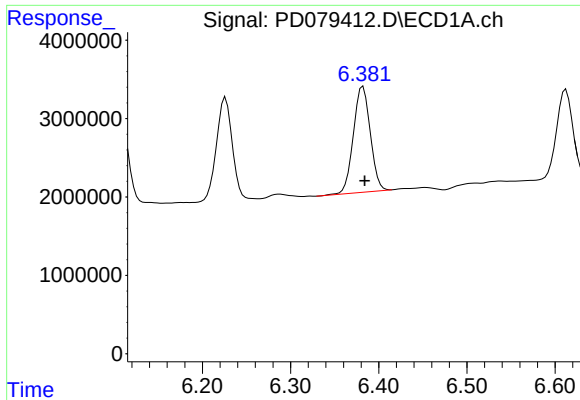
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 16386943
Conc: 7.76 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 24499593
Conc: 9.20 ng/ml



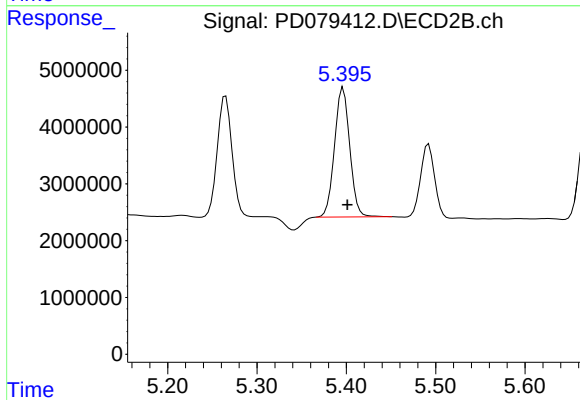
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 17999914
Conc: 7.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

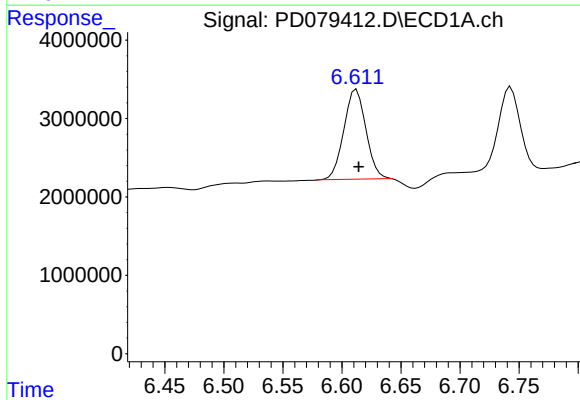
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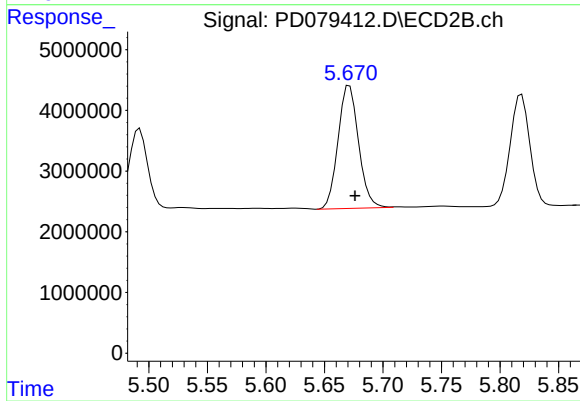
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: -0.005 min
Response: 26991691
Conc: 9.09 ng/ml



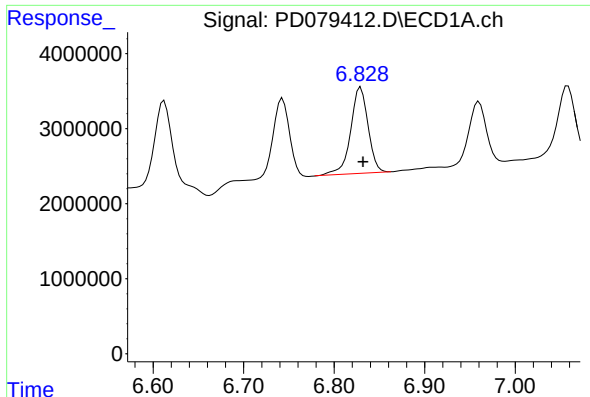
#14 Endrin

R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 14897198
Conc: 7.65 ng/ml m



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 24705312
Conc: 9.65 ng/ml



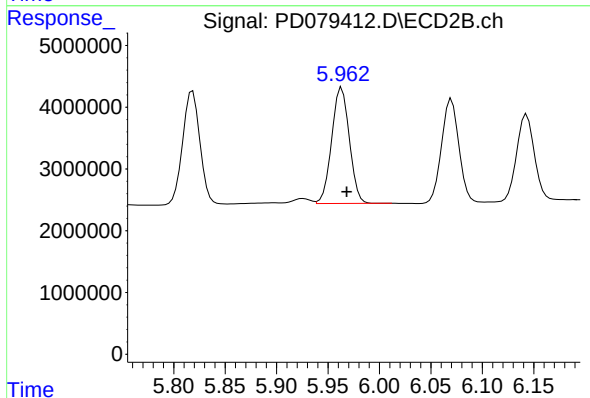
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.004 min
Response: 15360287
Conc: 7.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

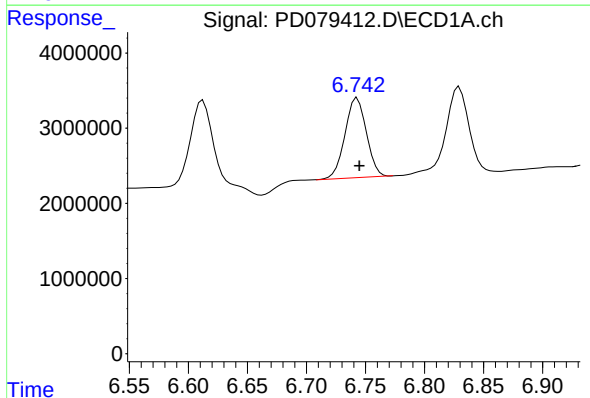
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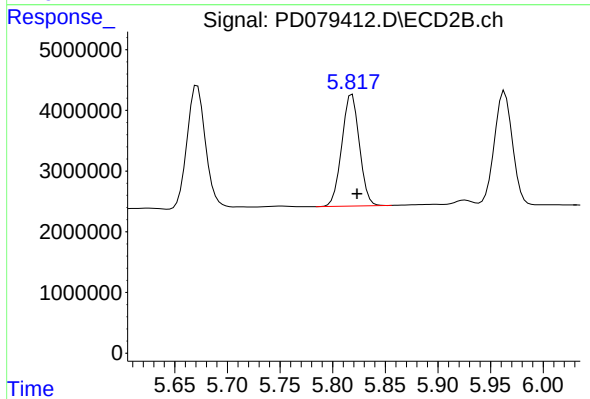
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 22465046
Conc: 9.00 ng/ml



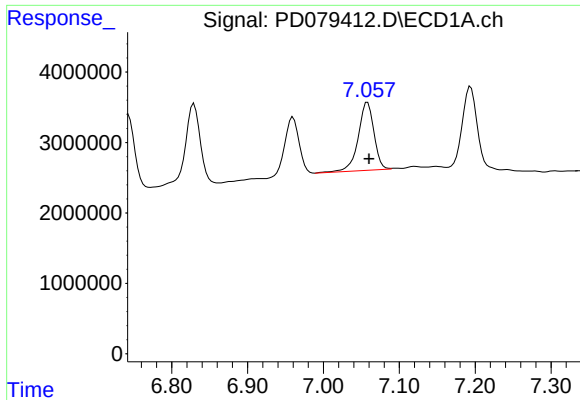
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 13402846
Conc: 7.62 ng/ml m



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 21489535
Conc: 9.41 ng/ml



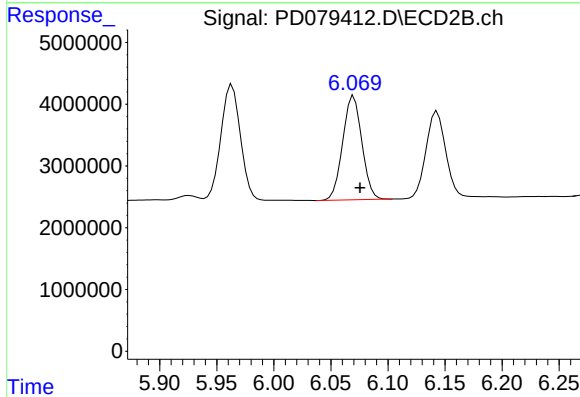
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 13905773
Conc: 7.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

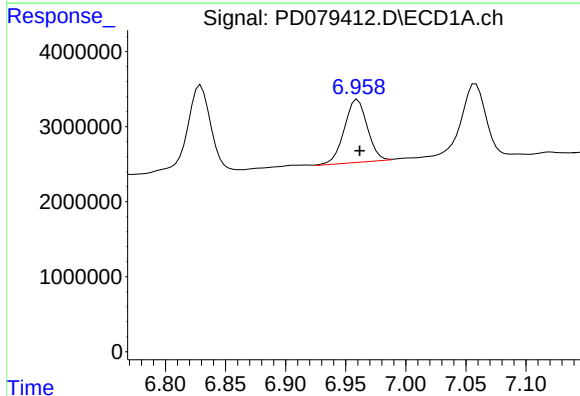
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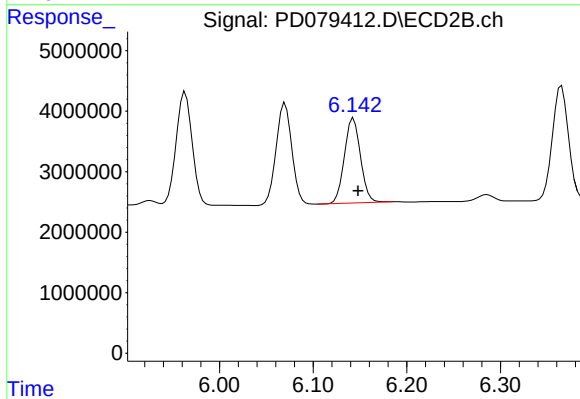
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 19661254
Conc: 8.59 ng/ml



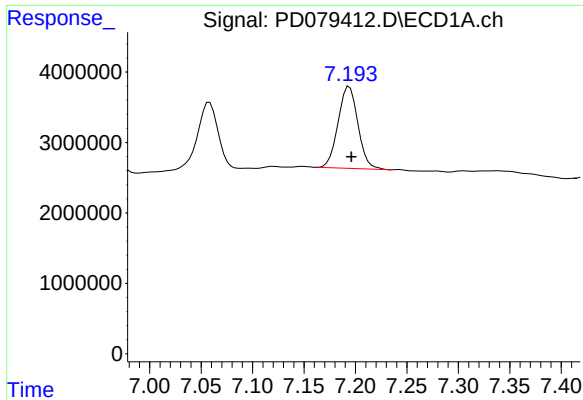
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.003 min
Response: 11197282
Conc: 7.25 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 16751052
Conc: 9.01 ng/ml



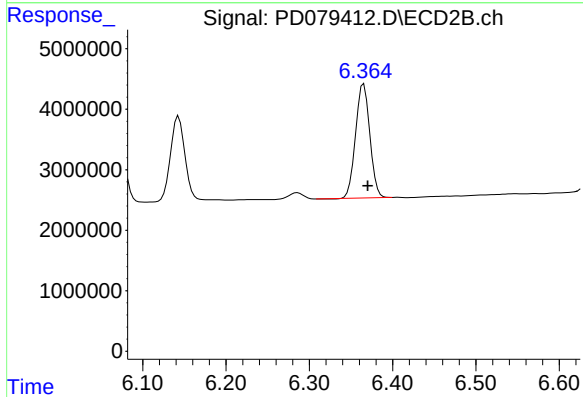
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.002 min
Response: 15590374
Conc: 7.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

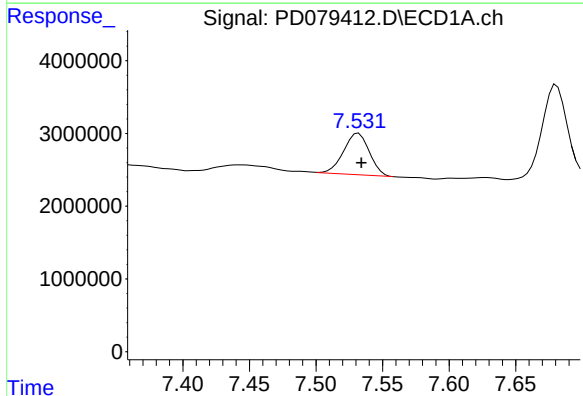
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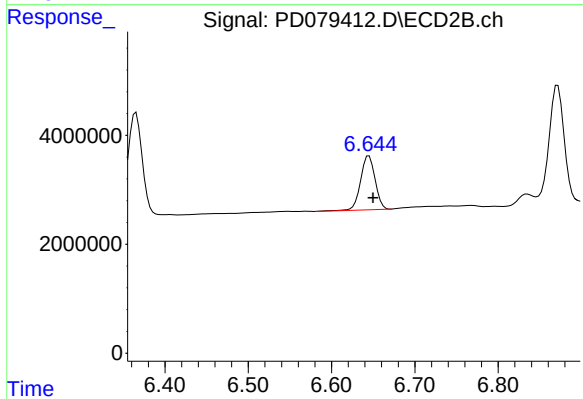
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 22469249
Conc: 9.62 ng/ml



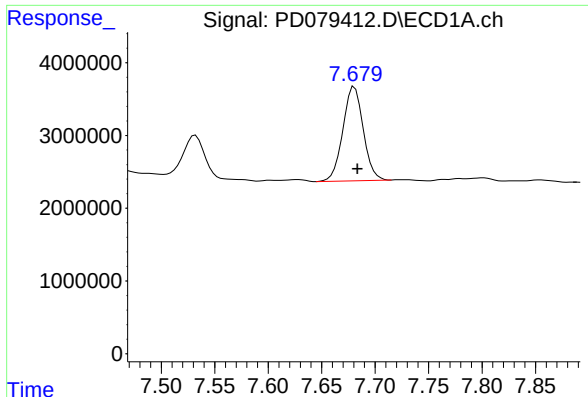
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 7683377
Conc: 7.01 ng/ml m



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 11952699
Conc: 8.80 ng/ml



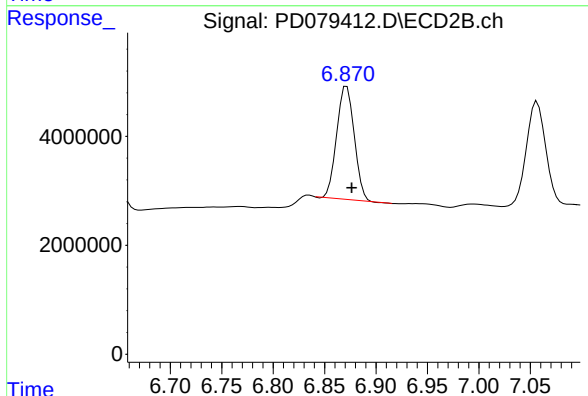
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 17190952
Conc: 7.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

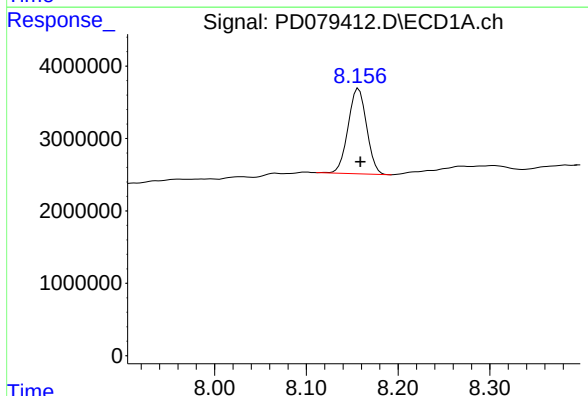
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Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



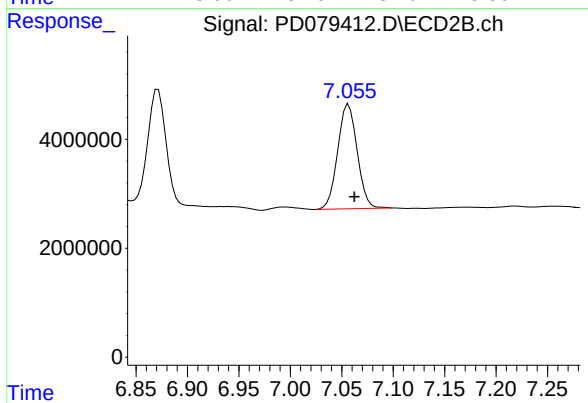
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 24491687
Conc: 8.76 ng/ml



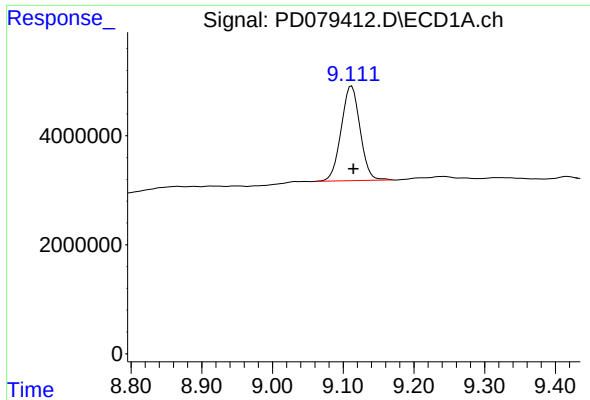
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.002 min
Response: 16507515
Conc: 9.75 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 25331522
Conc: 11.86 ng/ml



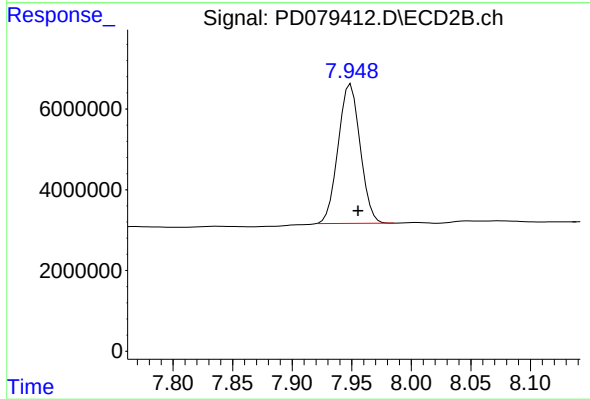
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.003 min
Response: 32309736
Conc: 16.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 44377785
Conc: 18.21 ng/ml