

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
 Data File : PD066071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 14:12
 Operator : AR\AJ
 Sample : M4117-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1(3-3.5)MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/08/2021
 Supervised By : mohammad ahmed 10/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:16:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 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 x 0.2 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...	3.492	4.011	18836764	128.1E6	25.436	22.302
28)	SA Decachlor...	8.231	9.081	23750562	86402805	17.388	22.325 #
Target Compounds							
2)	A alpha-BHC	3.931	4.406	69256069	420.3E6	61.666	49.989
3)	MA gamma-BHC...	4.214	4.692	65905237	399.1E6	58.771	51.653
4)	MA Heptachlor	4.511	5.195	72885806	368.8E6	61.105	50.829
5)	MB Aldrin	4.757	5.499	69369045	347.1E6	62.010m	51.593m
6)	B beta-BHC	4.462	4.868	30692978	172.4E6	53.765	46.646
7)	B delta-BHC	4.667	5.085	61890862	353.8E6	54.747	49.156
8)	B Heptachlo...	5.200	5.891	67338967	255.7E6	60.138	49.477
9)	A Endosulfan I	5.539	6.248	64547441	297.1E6	59.352	53.756
10)	B gamma-Chl...	5.425	6.124	69212341	311.2E6	57.317	51.886
11)	B alpha-Chl...	5.484	6.195	68932100	310.2E6	58.231	51.687
12)	B 4,4'-DDE	5.646	6.354	72457181	325.7E6	66.565	56.470
13)	MA Dieldrin	5.782	6.506	66871526	312.7E6	57.696	53.056
14)	MA Endrin	6.039	6.725	60184565	267.2E6	56.877	54.201
15)	B Endosulfa...	6.311	6.938	56135529	260.4E6	51.963	53.768
16)	A 4,4'-DDD	6.161	6.848	53836983	260.4E6	54.883	52.976
17)	MA 4,4'-DDT	6.401	7.146	58774136	269.2E6	53.397	53.284
18)	B Endrin al...	6.480	7.062	46633618	211.2E6	52.618	53.937
19)	B Endosulfa...	6.692	7.285	58546033	257.1E6	51.295	52.121
20)	A Methoxychlor	6.947	7.605	34365376	135.7E6	50.289	51.560
21)	B Endrin ke...	7.185	7.757	66836154	299.9E6	47.447	52.581m
22)	Mirex	7.369	8.207	52843257	194.4E6	43.767	49.244

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
Data File : PD066071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2021 14:12
Operator : AR\AJ
Sample : M4117-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

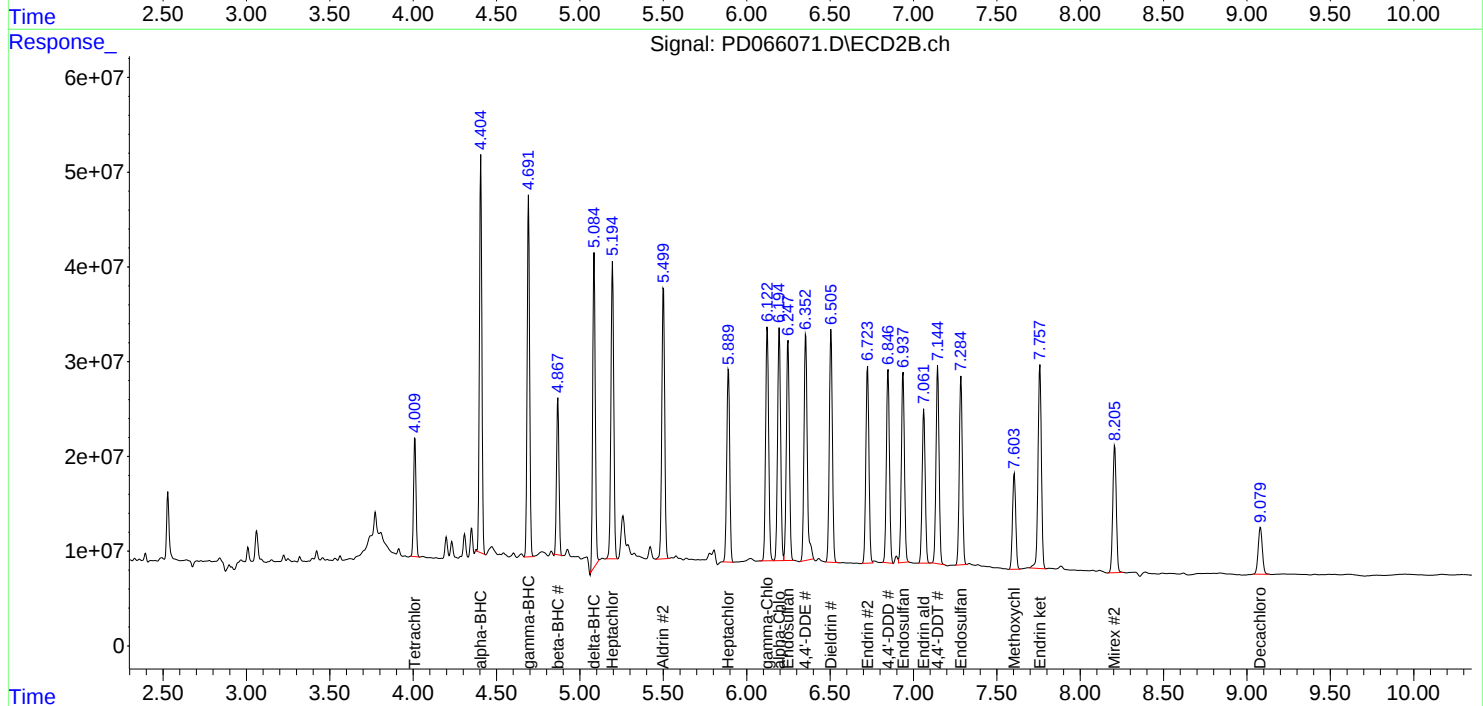
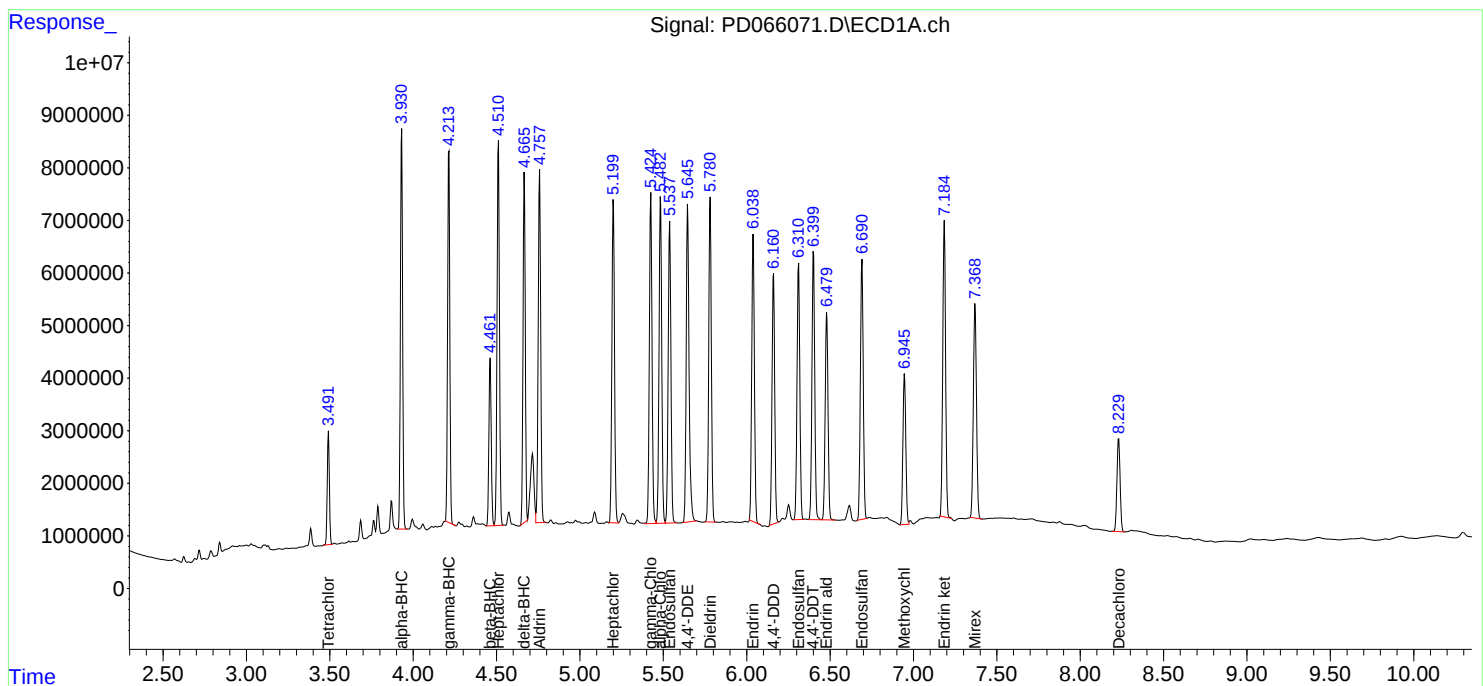
Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

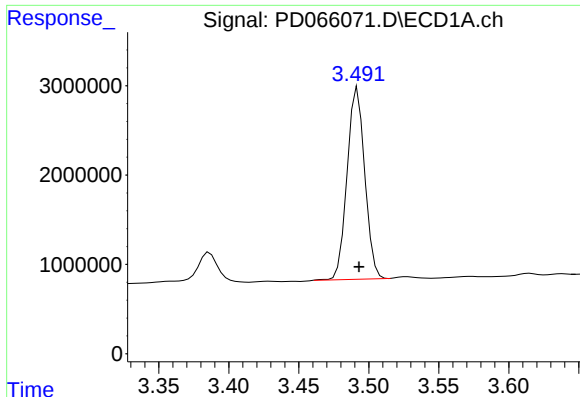
Manual Integrations
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Supervised By :mohammad ahmed 10/10/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 23:16:27 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 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





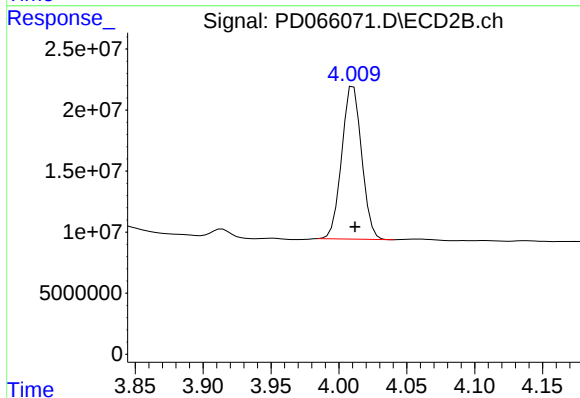
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: 0.000 min
Response: 18836764
Conc: 25.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

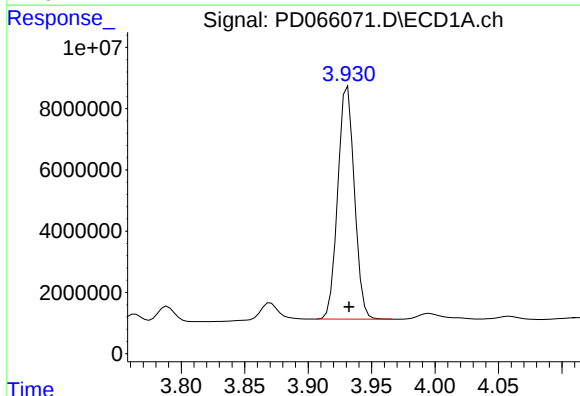
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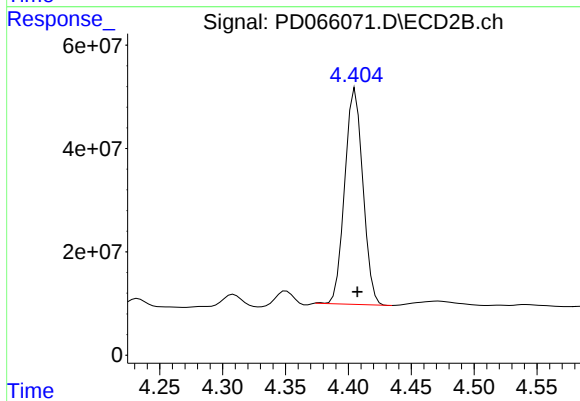
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 128058380
Conc: 22.30 ng/ml



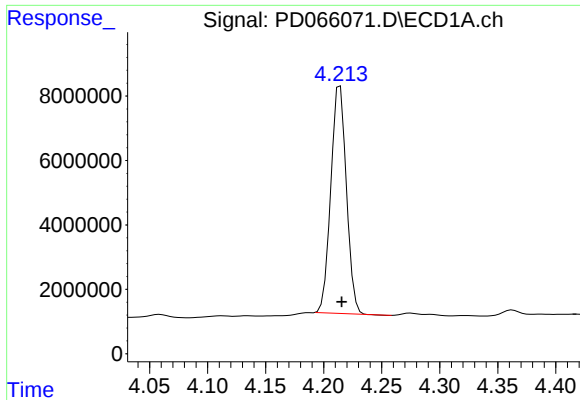
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 69256069
Conc: 61.67 ng/ml



#2 alpha-BHC

R.T.: 4.406 min
Delta R.T.: -0.002 min
Response: 420316610
Conc: 49.99 ng/ml



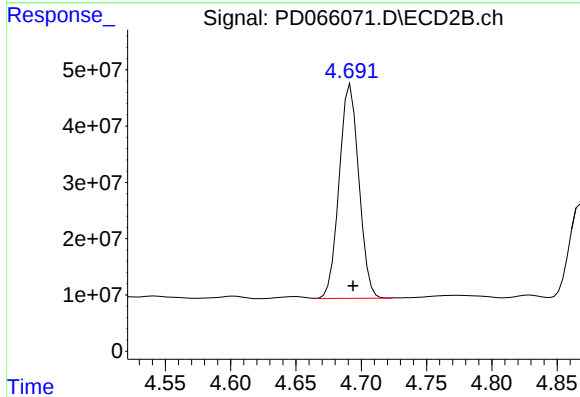
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 65905237
Conc: 58.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

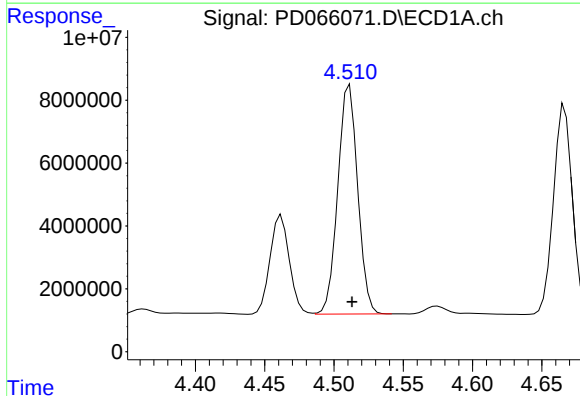
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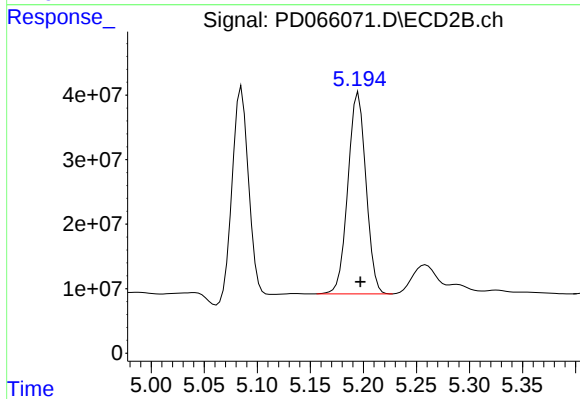
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 399061450
Conc: 51.65 ng/ml



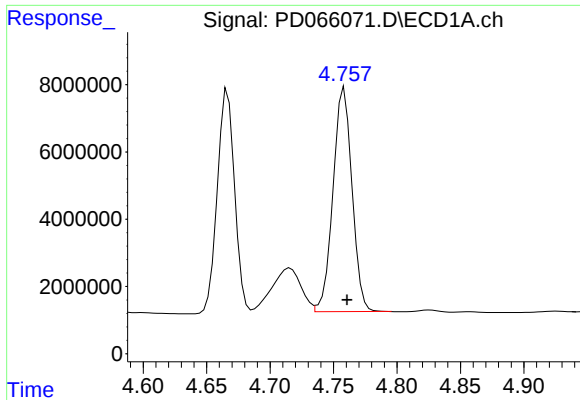
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 72885806
Conc: 61.10 ng/ml



#4 Heptachlor

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 368805855
Conc: 50.83 ng/ml



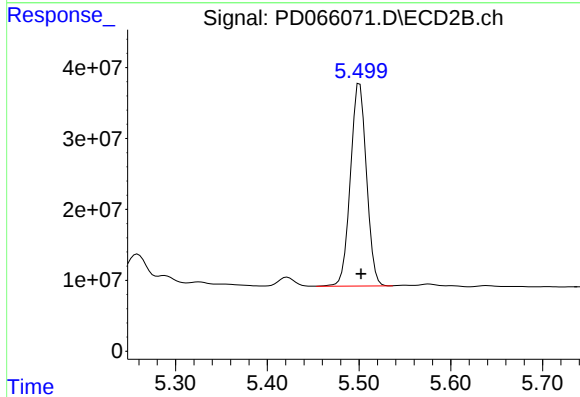
#5 Aldrin

R.T.: 4.757 min
Delta R.T.: -0.004 min
Response: 69369045
Conc: 62.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

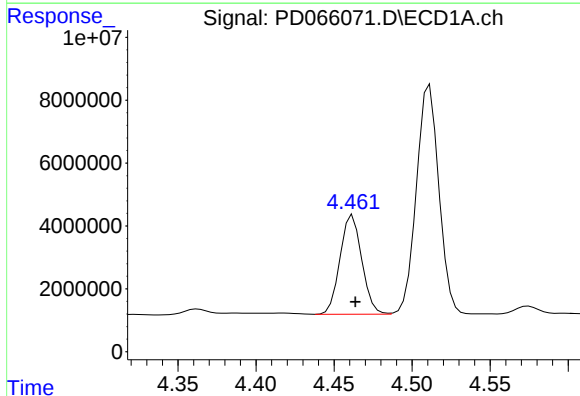
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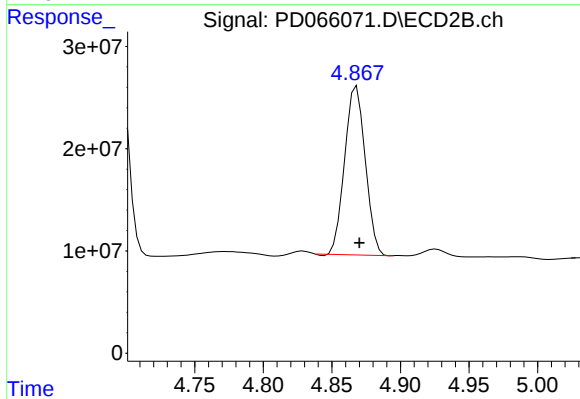
#5 Aldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 347094238
Conc: 51.59 ng/ml m



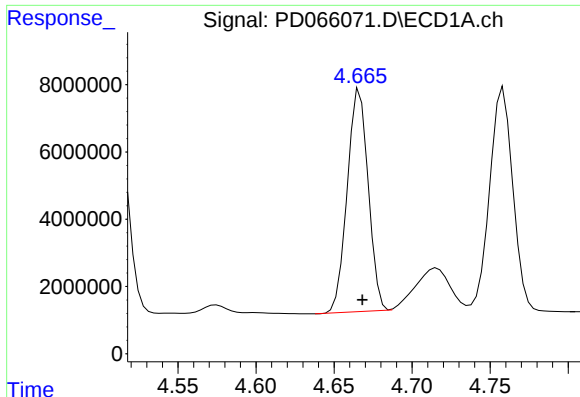
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: -0.002 min
Response: 30692978
Conc: 53.77 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 172398086
Conc: 46.65 ng/ml



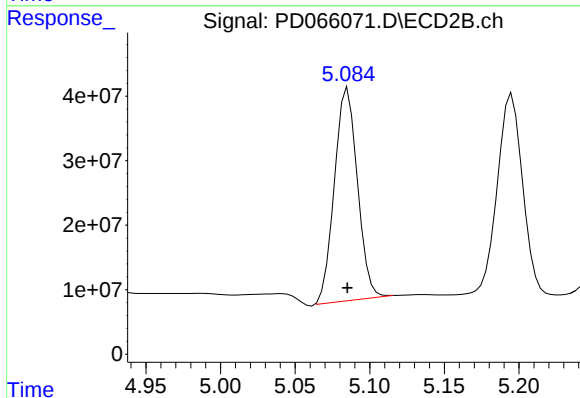
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: -0.002 min
Response: 61890862
Conc: 54.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

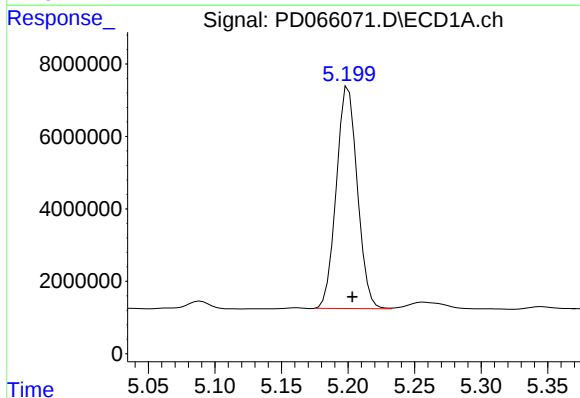
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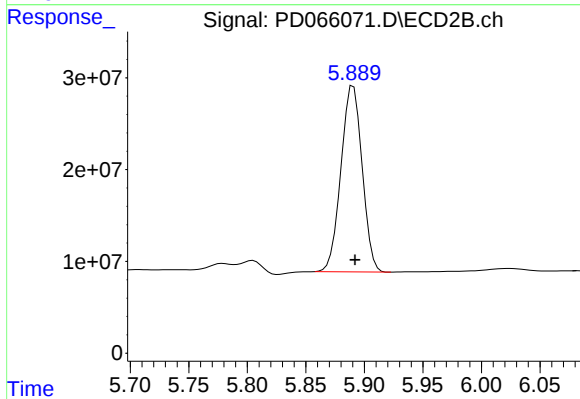
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 353764078
Conc: 49.16 ng/ml



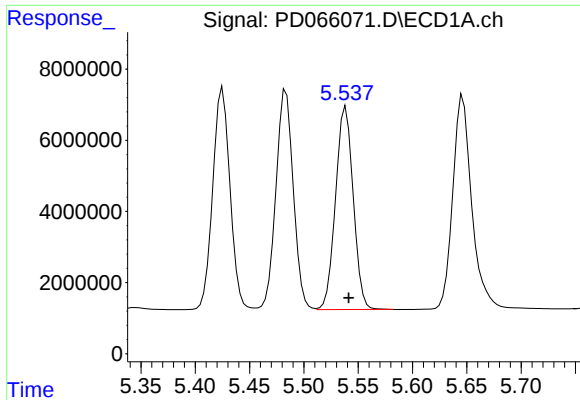
#8 Heptachlor epoxide

R.T.: 5.200 min
Delta R.T.: -0.003 min
Response: 67338967
Conc: 60.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: -0.002 min
Response: 255688746
Conc: 49.48 ng/ml



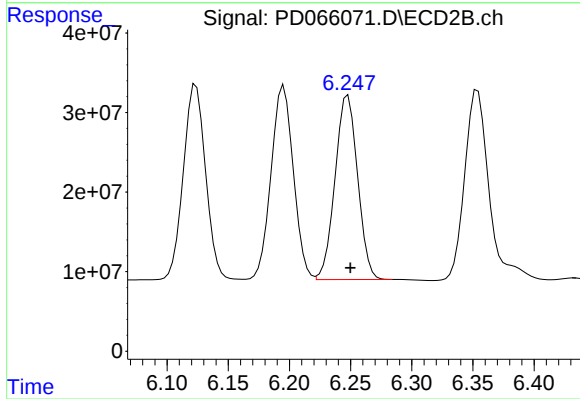
#9 Endosulfan I

R.T.: 5.539 min
Delta R.T.: -0.003 min
Response: 64547441
Conc: 59.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

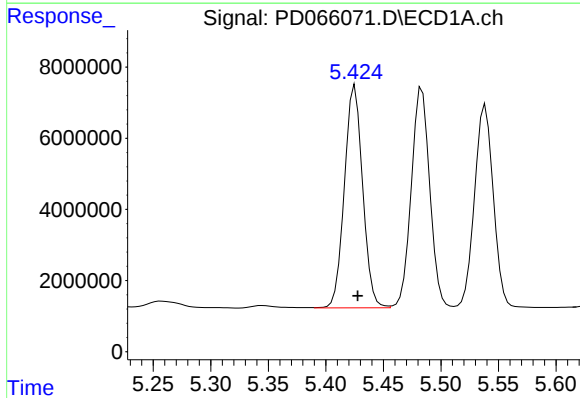
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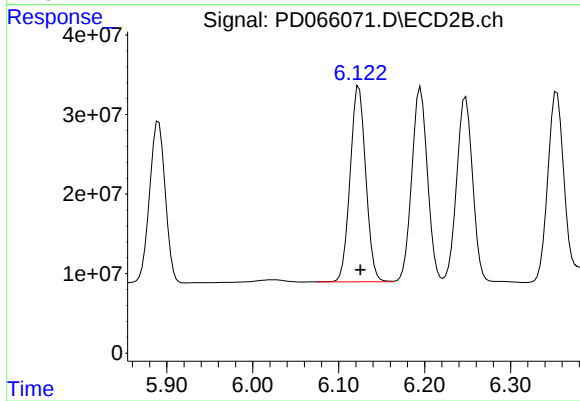
#9 Endosulfan I

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 297110568
Conc: 53.76 ng/ml



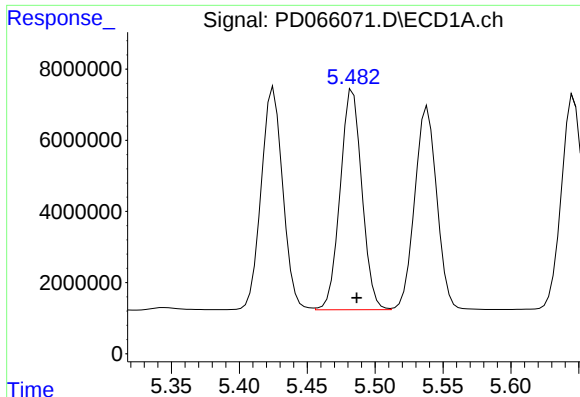
#10 gamma-Chlordane

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 69212341
Conc: 57.32 ng/ml



#10 gamma-Chlordane

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 311199092
Conc: 51.89 ng/ml



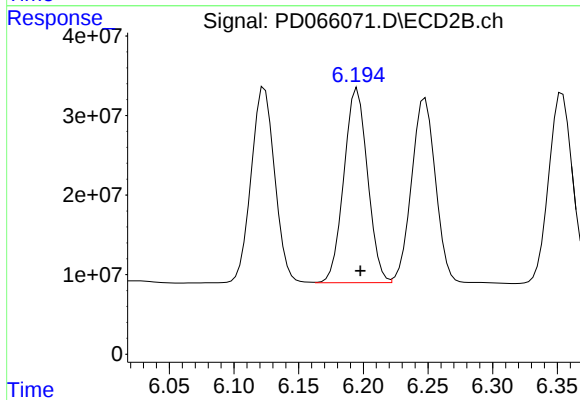
#11 alpha-Chlordane

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 68932100
Conc: 58.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

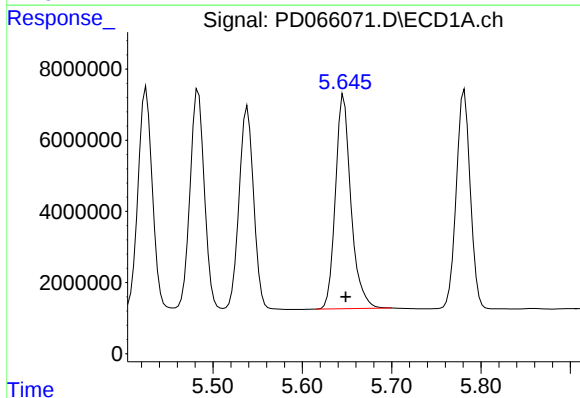
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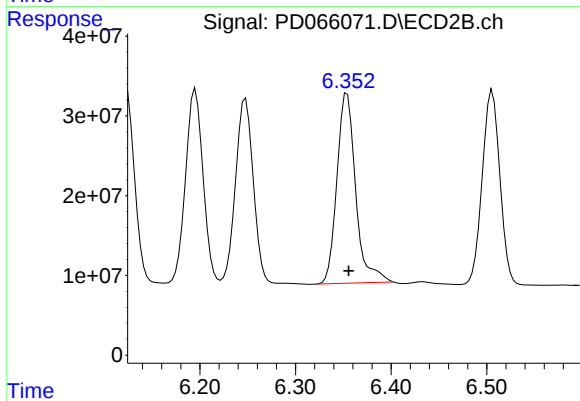
#11 alpha-Chlordane

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 310229458
Conc: 51.69 ng/ml



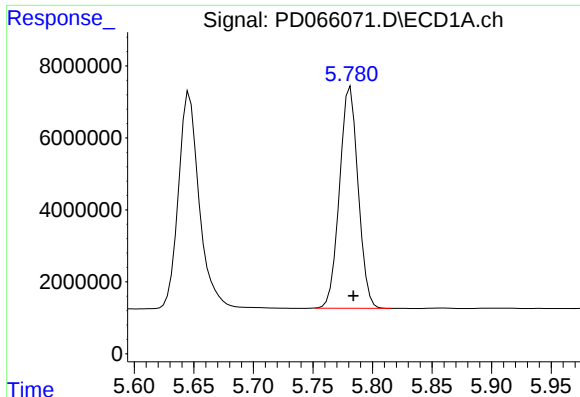
#12 4,4'-DDE

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 72457181
Conc: 66.57 ng/ml



#12 4,4'-DDE

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 325689319
Conc: 56.47 ng/ml



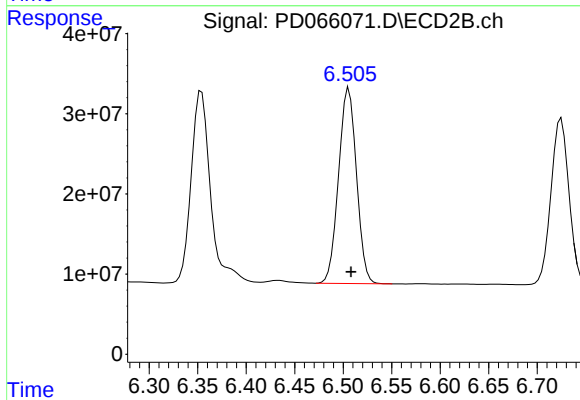
#13 Dieldrin

R.T.: 5.782 min
Delta R.T.: -0.003 min
Response: 66871526
Conc: 57.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

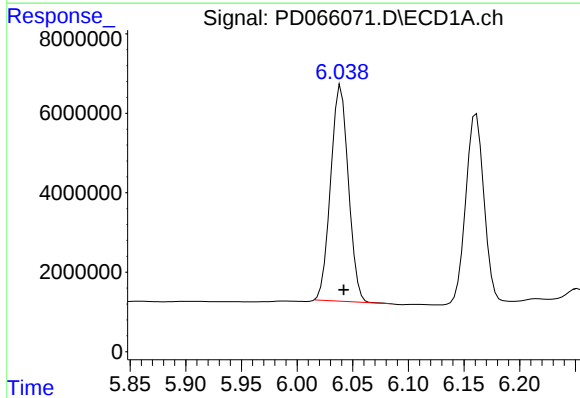
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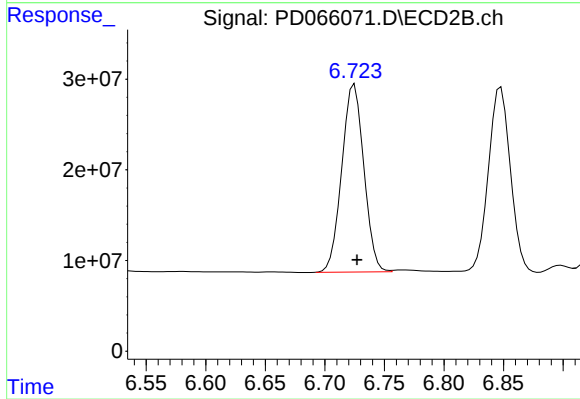
#13 Dieldrin

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 312669903
Conc: 53.06 ng/ml



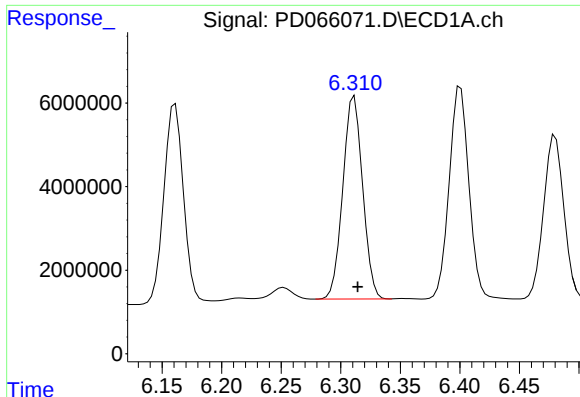
#14 Endrin

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 60184565
Conc: 56.88 ng/ml



#14 Endrin

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 267213369
Conc: 54.20 ng/ml



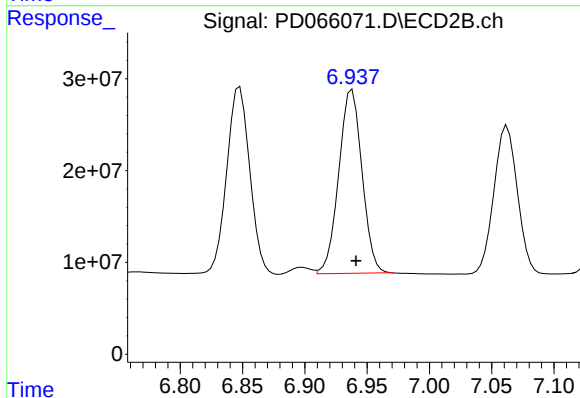
#15 Endosulfan II

R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 56135529
Conc: 51.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

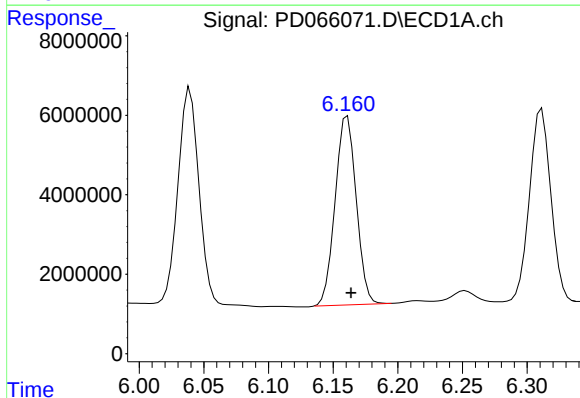
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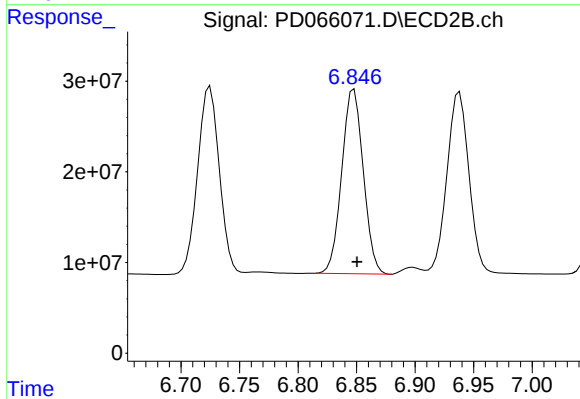
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 260446000
Conc: 53.77 ng/ml



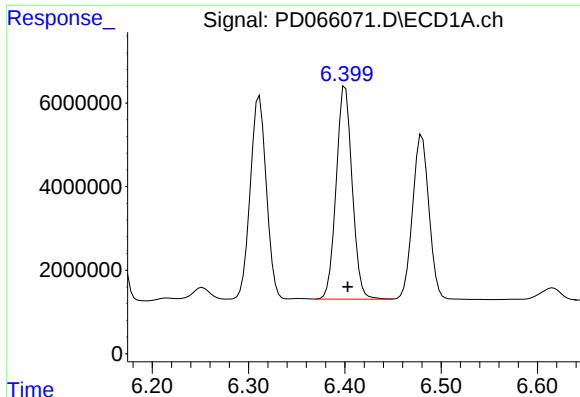
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 53836983
Conc: 54.88 ng/ml



#16 4,4'-DDD

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 260355026
Conc: 52.98 ng/ml



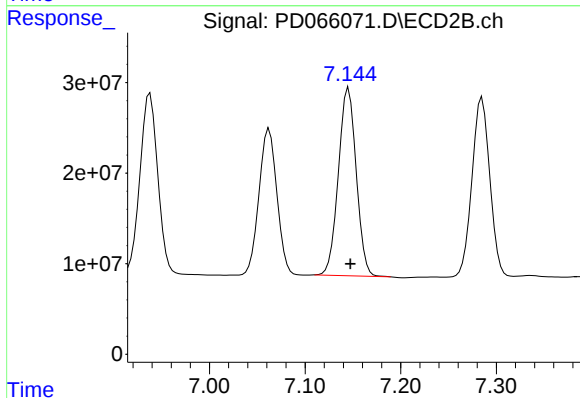
#17 4,4'-DDT

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 58774136
Conc: 53.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

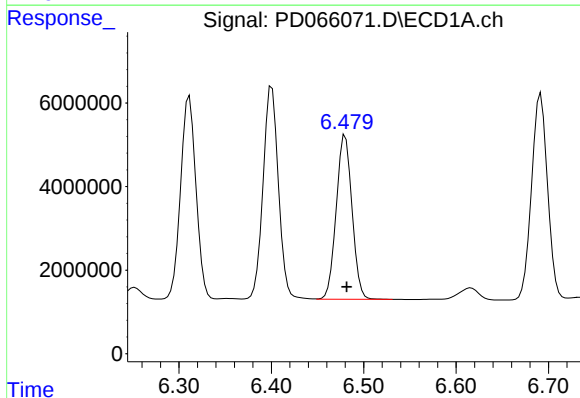
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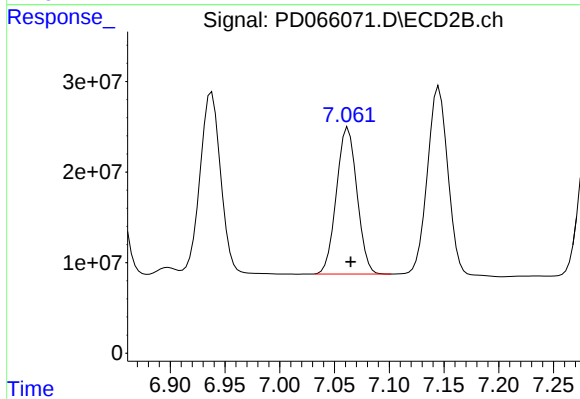
#17 4,4'-DDT

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 269159103
Conc: 53.28 ng/ml



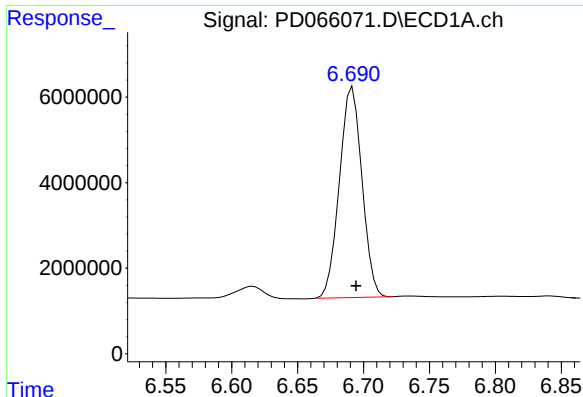
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 46633618
Conc: 52.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.062 min
Delta R.T.: -0.003 min
Response: 211160580
Conc: 53.94 ng/ml



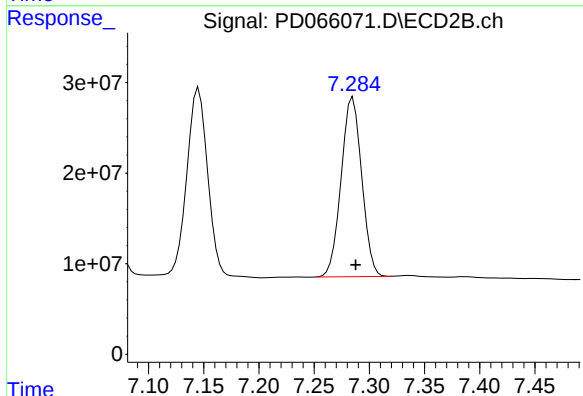
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 58546033
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

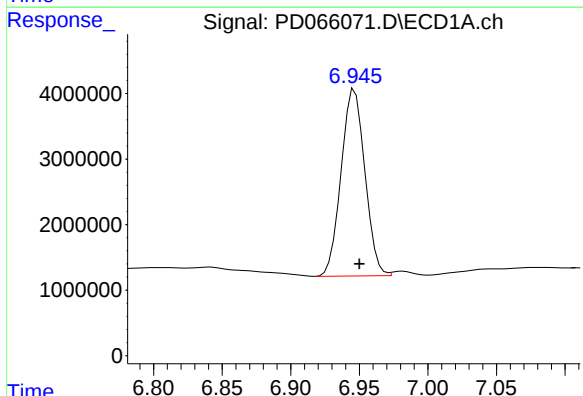
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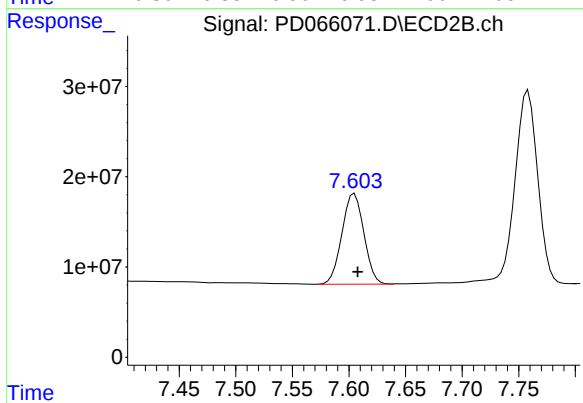
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: -0.003 min
Response: 257077169
Conc: 52.12 ng/ml



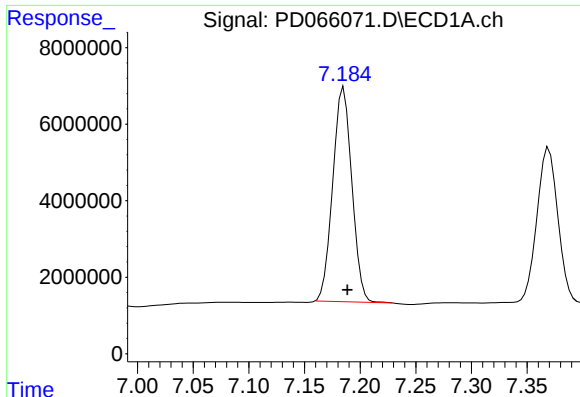
#20 Methoxychlor

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 34365376
Conc: 50.29 ng/ml



#20 Methoxychlor

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 135685632
Conc: 51.56 ng/ml



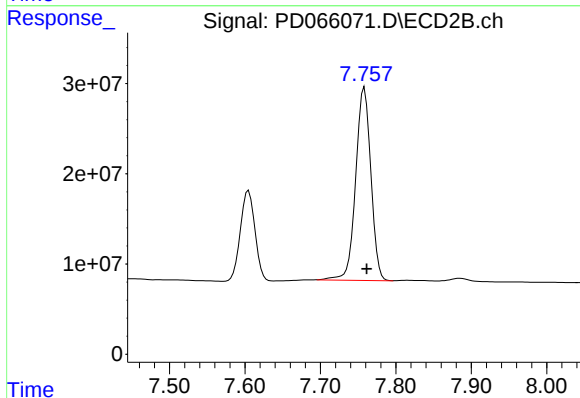
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 66836154
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

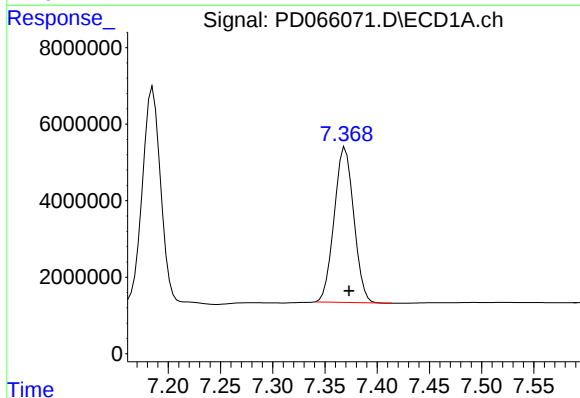
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2021
Supervised By :mohammad ahmed 10/10/2021



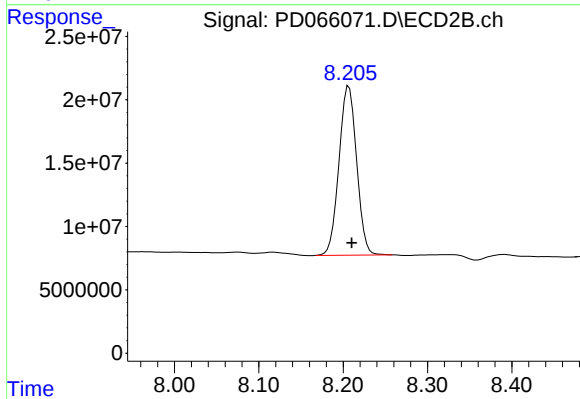
#21 Endrin ketone

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 299865091
Conc: 52.58 ng/ml m



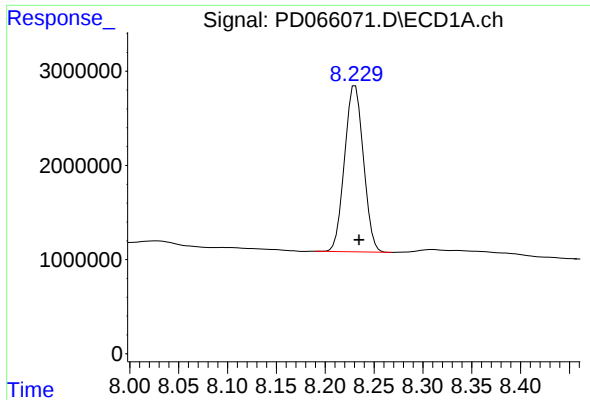
#22 Mirex

R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 52843257
Conc: 43.77 ng/ml



#22 Mirex

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 194443538
Conc: 49.24 ng/ml



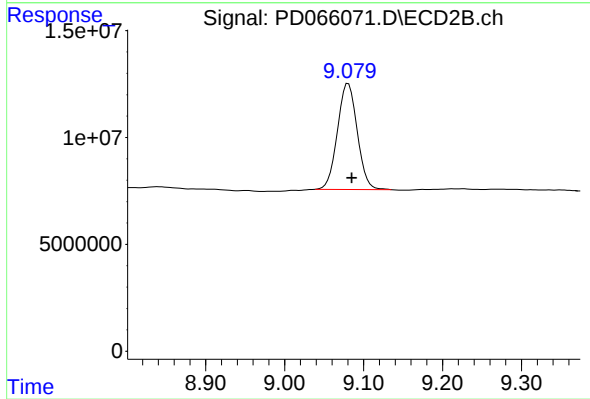
#28 Decachlorobiphenyl

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 23750562
Conc: 17.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 10/10/2021



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.004 min
Response: 86402805
Conc: 22.33 ng/ml