

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040822\
 Data File : PD069011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2022 19:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/08/2022
 Supervised By : mohammad ahmed 04/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:15:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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 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...	3.447	4.174	51907821	482.4E6	42.752	50.453
28)	SA Decachlor...	8.207	9.373	51395346	283.0E6	40.681	49.939
Target Compounds							
2)	A alpha-BHC	3.887	4.571	79140902	707.3E6	43.710	51.395
3)	MA gamma-BHC...	4.170	4.862	73598338	634.8E6	44.077	50.774
4)	MA Heptachlor	4.468	5.389	70198830	605.7E6	42.610	50.965
5)	MB Aldrin	4.716	5.702	69861360	592.0E6	43.715	51.576
6)	B beta-BHC	4.420	5.025	32329137	277.7E6	43.420	50.585
7)	B delta-BHC	4.625	5.251	72515378	619.6E6	44.373	51.521
8)	B Heptachlo...	5.160	6.088	64455975	587.1E6	43.100	56.222m#
9)	A Endosulfan I	5.499	6.453	60559511	493.3E6	43.280	52.597
10)	B gamma-Chl...	5.386	6.325	65468395	518.9E6	43.158	50.341m
11)	B alpha-Chl...	5.445	6.402	64454784	528.5E6	43.124	53.083
12)	B 4,4'-DDE	5.611	6.551	63250524	475.9E6	46.234	51.360
13)	MA Dieldrin	5.743	6.711	63414665	492.5E6	43.431	50.709
14)	MA Endrin	6.001	6.931	55684439	330.0E6	42.271	42.650
15)	B Endosulfa...	6.275	7.137	53430622	383.0E6	42.869	50.668
16)	A 4,4'-DDD	6.128	7.043	52308660	391.9E6	44.358	53.066
17)	MA 4,4'-DDT	6.369	7.346	49173156	376.6E6	40.911	51.265 #
18)	B Endrin al...	6.445	7.261	41319410	302.2E6	41.621	49.937
19)	B Endosulfa...	6.657	7.486	54936767	376.0E6	42.959	51.118
20)	A Methoxychlor	6.920	7.800	27790919	179.6E6	40.101	49.259
21)	B Endrin ke...	7.151	7.962	62403545	400.1E6	42.389	51.638
22)	Mirex	7.335	8.428	48287618	275.1E6	40.743	50.195

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040822\
 Data File : PD069011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2022 19:38
 Operator : AR\AJ
 Sample : PSTDCCC050
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

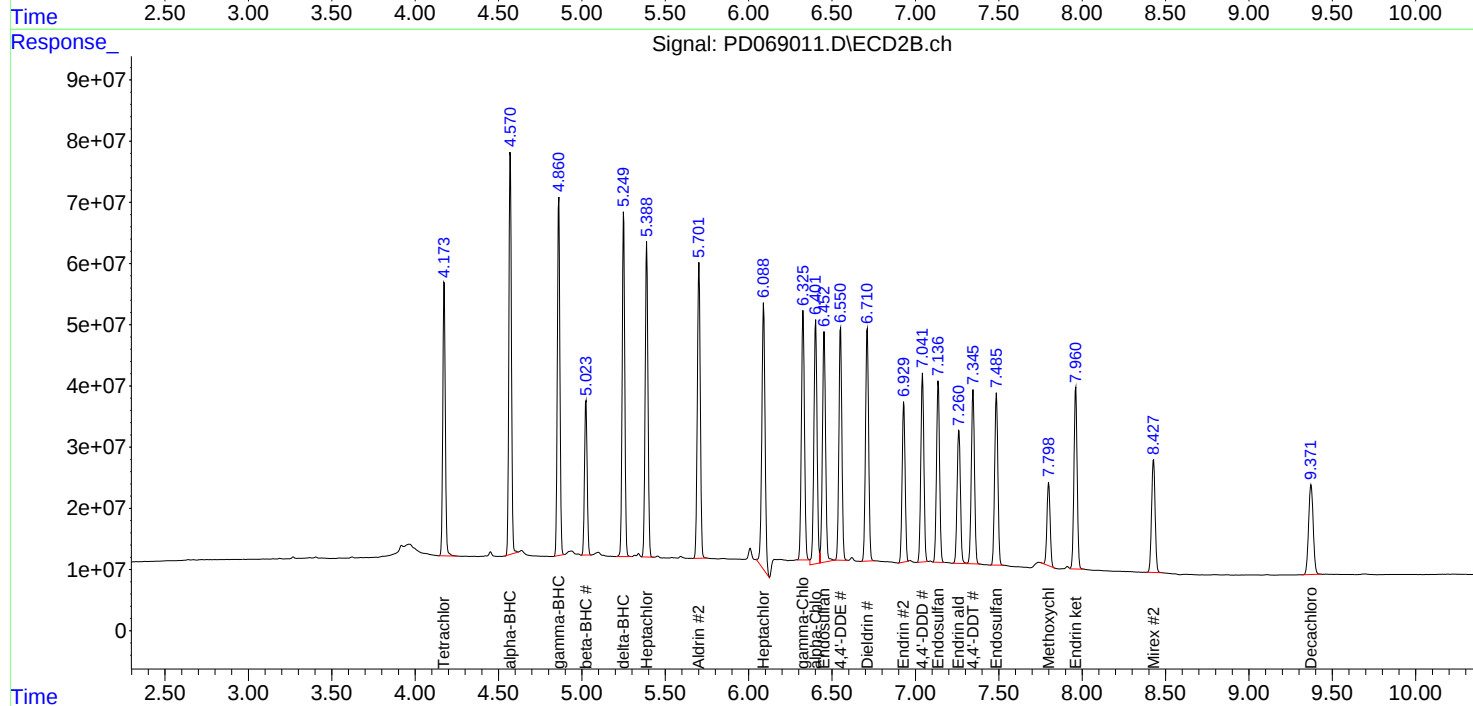
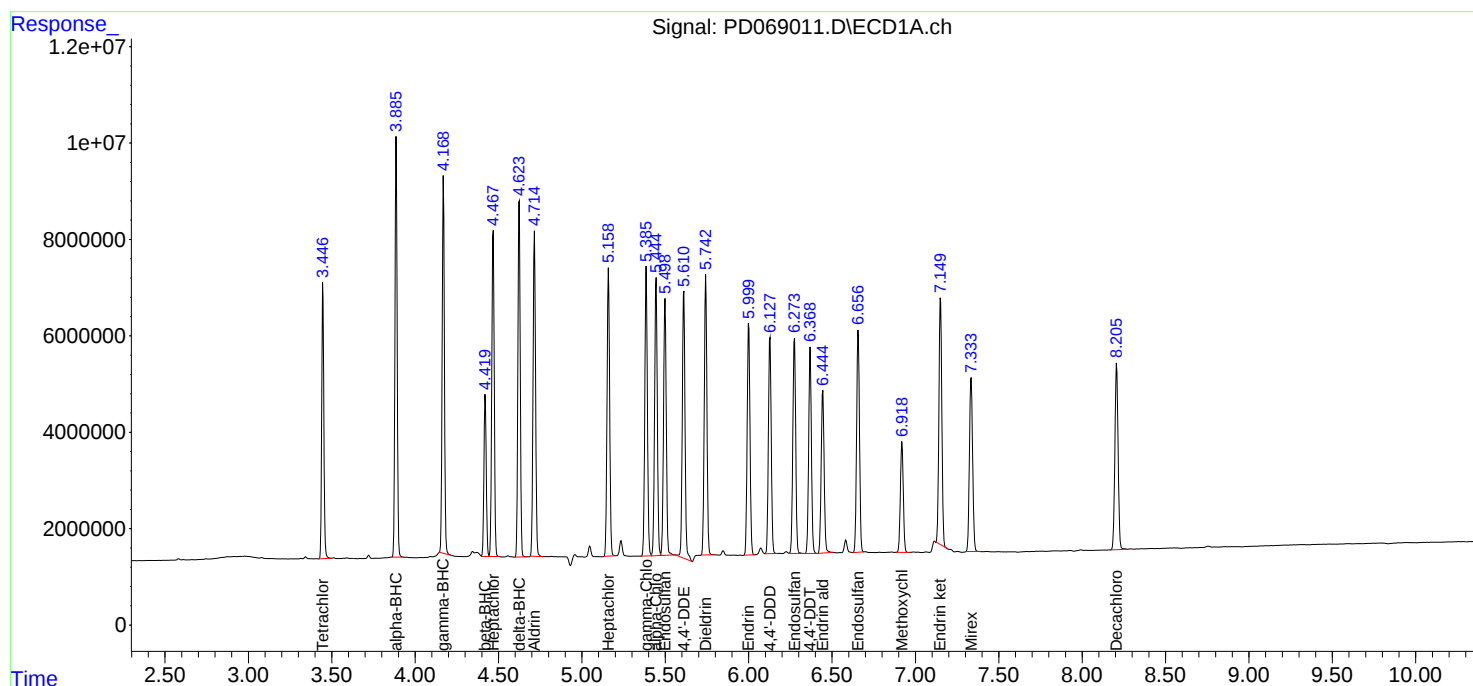
APPROVED

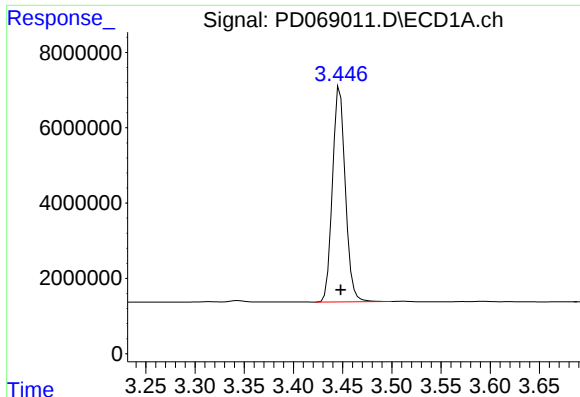
Reviewed By :Abdul Mirza 04/08/2022

Supervised By :mohammad ahmed 04/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:15:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
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 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





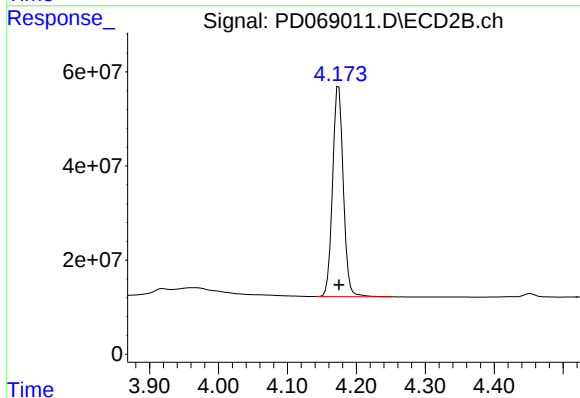
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 51907821
Conc: 42.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

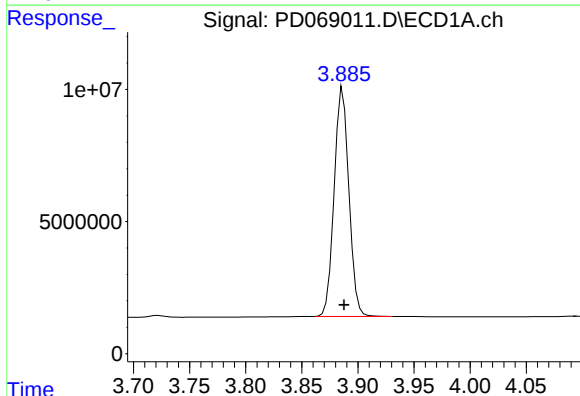
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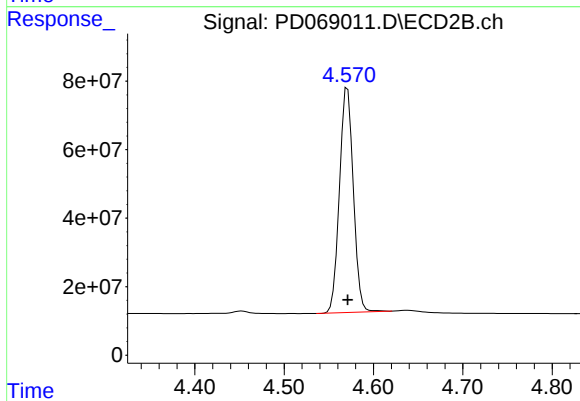
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 482372162
Conc: 50.45 ng/ml



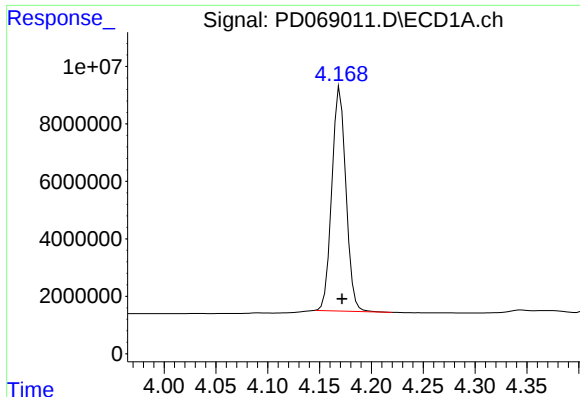
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: -0.001 min
Response: 79140902
Conc: 43.71 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 707339819
Conc: 51.39 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 73598338
Conc: 44.08 ng/ml

Instrument :

ECD_D

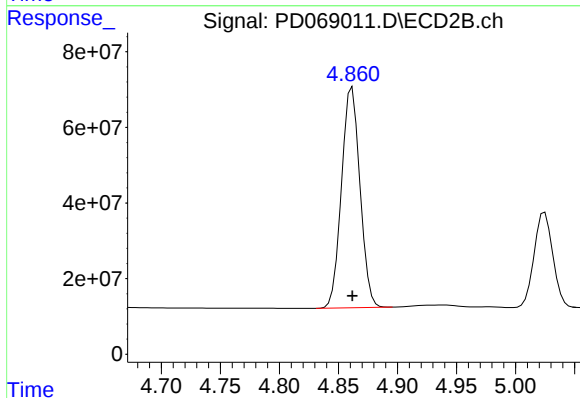
ClientSampleId :

PSTDCCC050

Manual Integrations

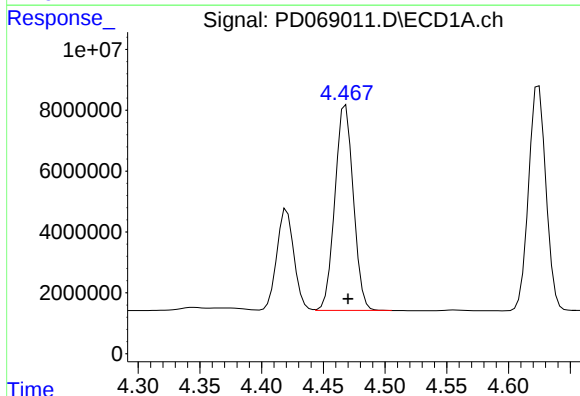
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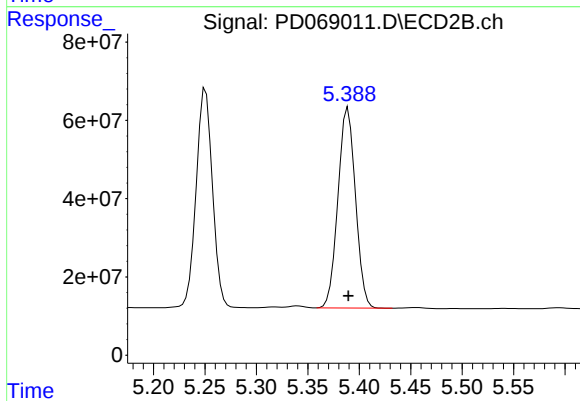
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 634837764
Conc: 50.77 ng/ml



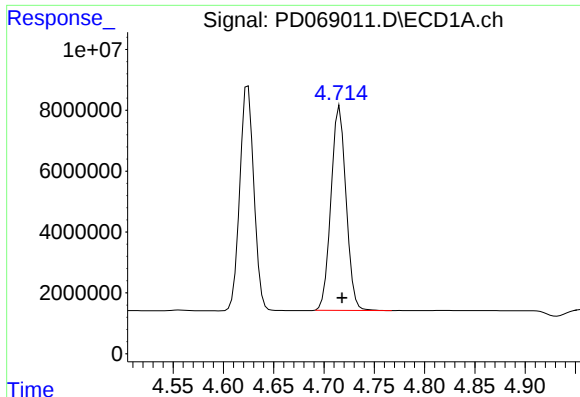
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 70198830
Conc: 42.61 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 605685253
Conc: 50.97 ng/ml



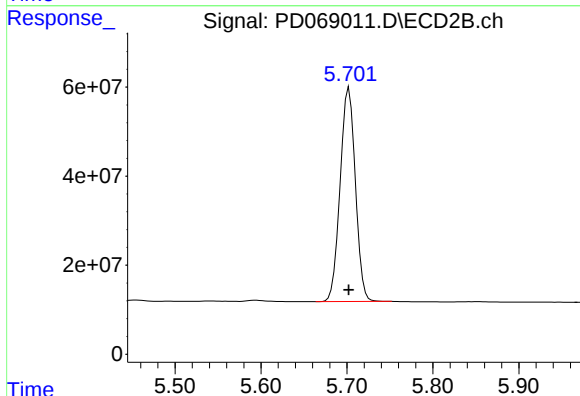
#5 Aldrin

R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 69861360
Conc: 43.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

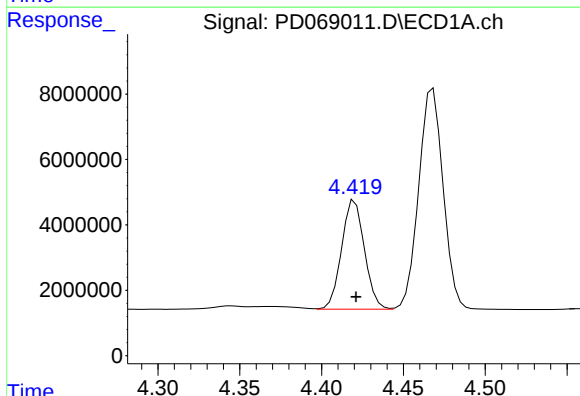
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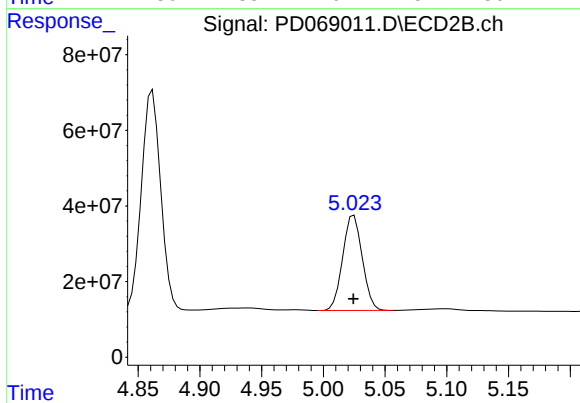
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 592027435
Conc: 51.58 ng/ml



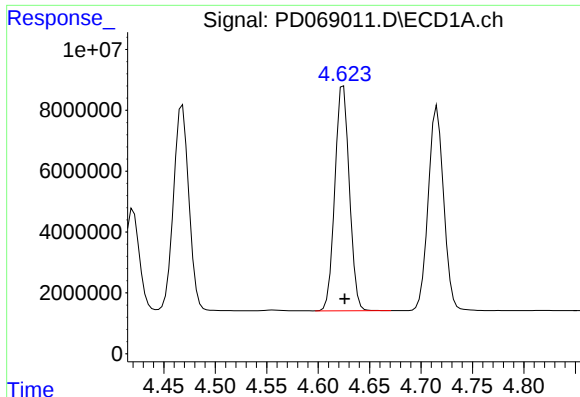
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 32329137
Conc: 43.42 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 277703884
Conc: 50.58 ng/ml



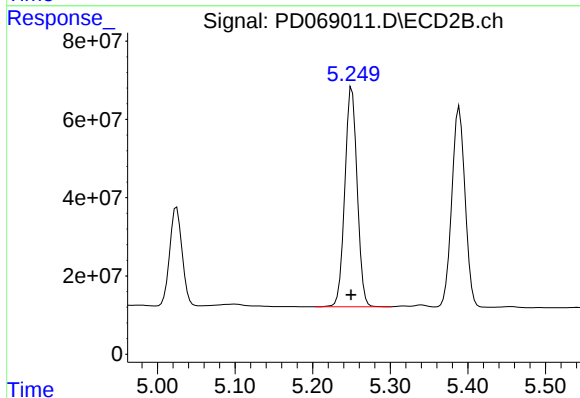
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 72515378
Conc: 44.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

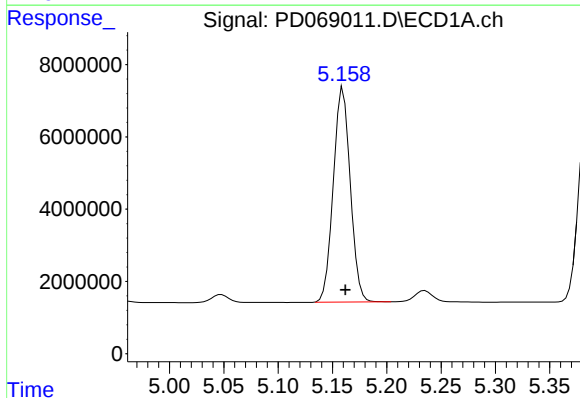
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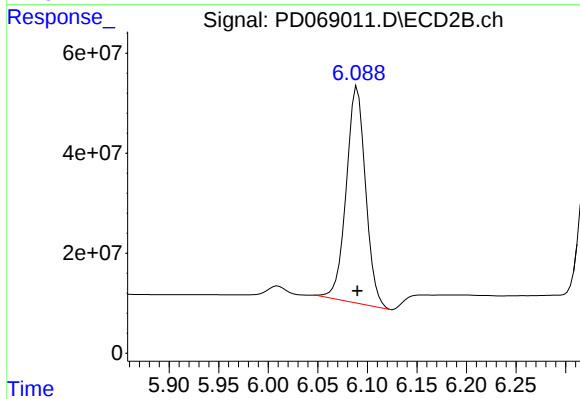
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.001 min
Response: 619572173
Conc: 51.52 ng/ml



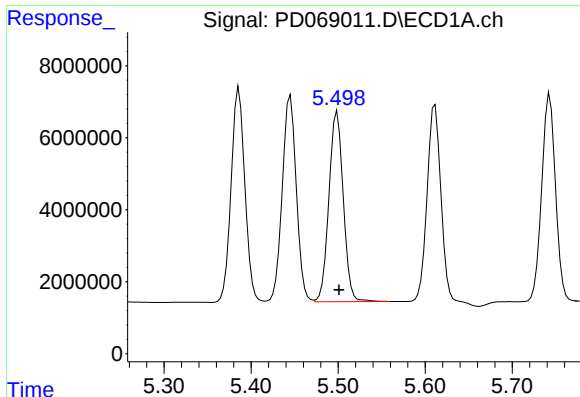
#8 Heptachlor epoxide

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 64455975
Conc: 43.10 ng/ml



#8 Heptachlor epoxide

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 587117502
Conc: 56.22 ng/ml m



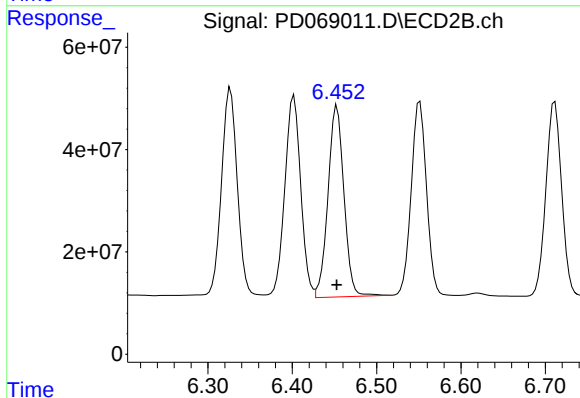
#9 Endosulfan I

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 60559511
Conc: 43.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

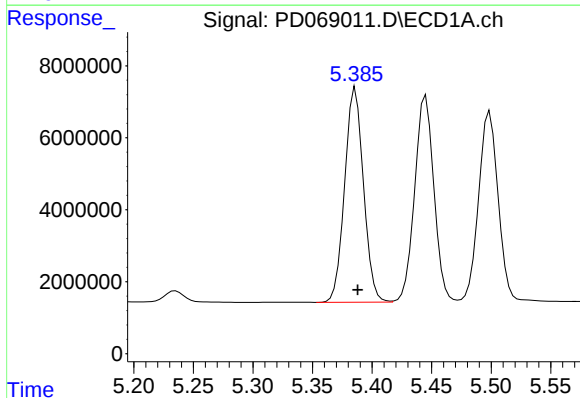
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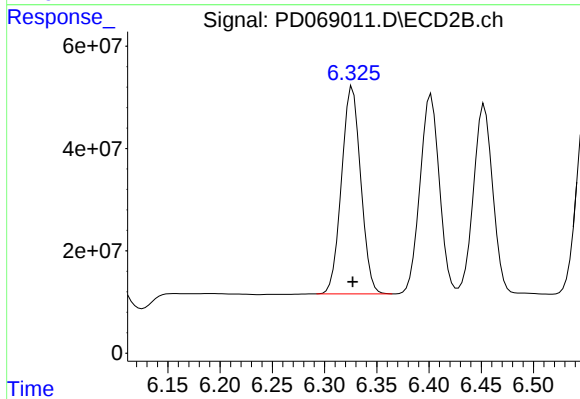
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 493259342
Conc: 52.60 ng/ml



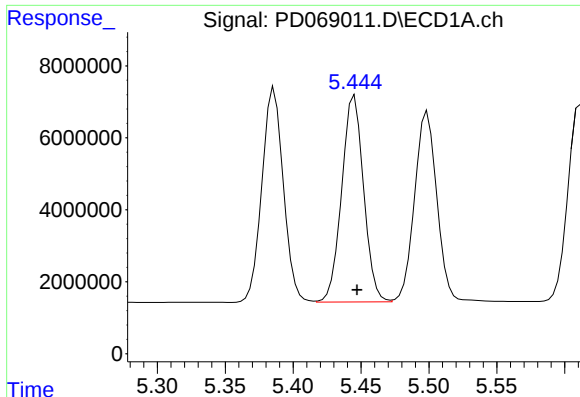
#10 gamma-Chlordane

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 65468395
Conc: 43.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 518870573
Conc: 50.34 ng/ml m



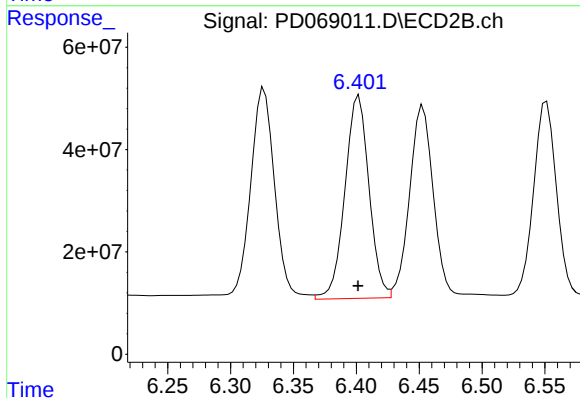
#11 alpha-Chlordane

R.T.: 5.445 min
Delta R.T.: -0.002 min
Response: 64454784
Conc: 43.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

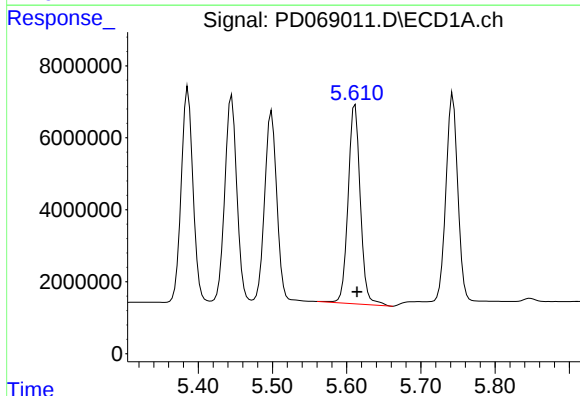
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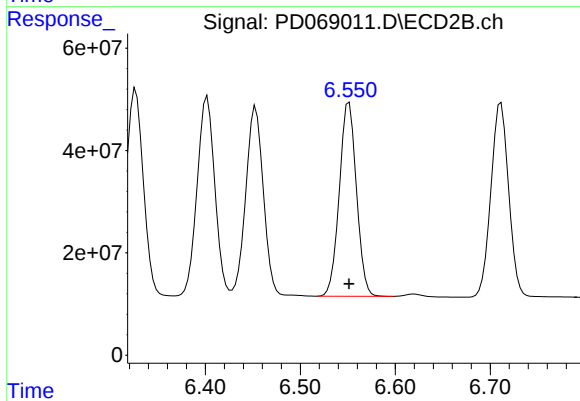
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 528500629
Conc: 53.08 ng/ml



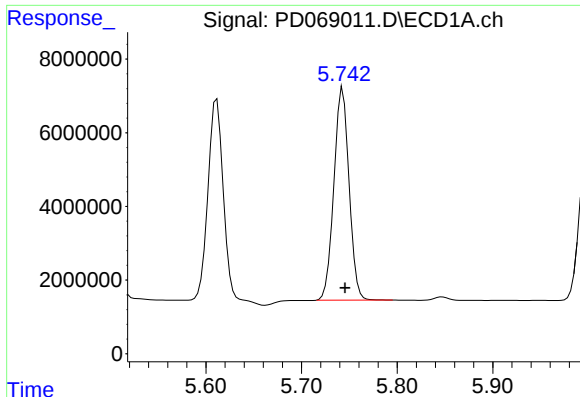
#12 4,4'-DDE

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 63250524
Conc: 46.23 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 475947979
Conc: 51.36 ng/ml



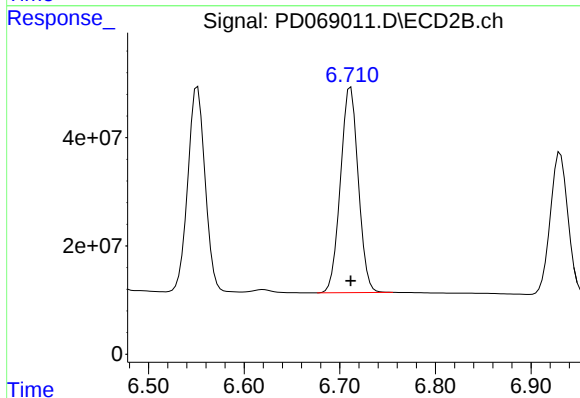
#13 Dieldrin

R.T.: 5.743 min
Delta R.T.: -0.002 min
Response: 63414665
Conc: 43.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

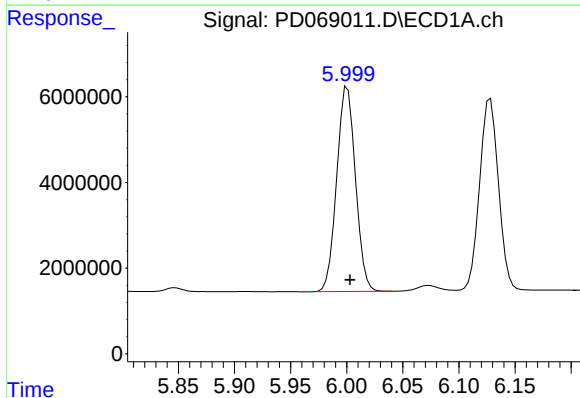
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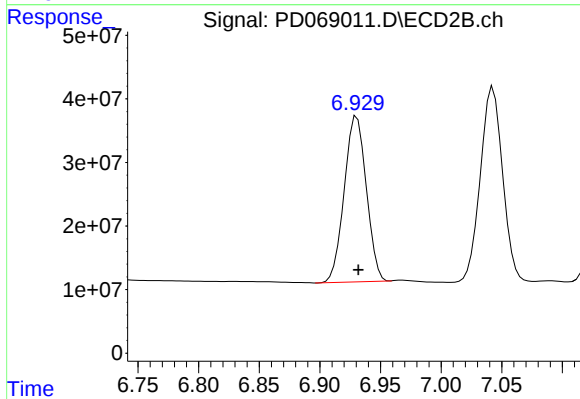
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 492538881
Conc: 50.71 ng/ml



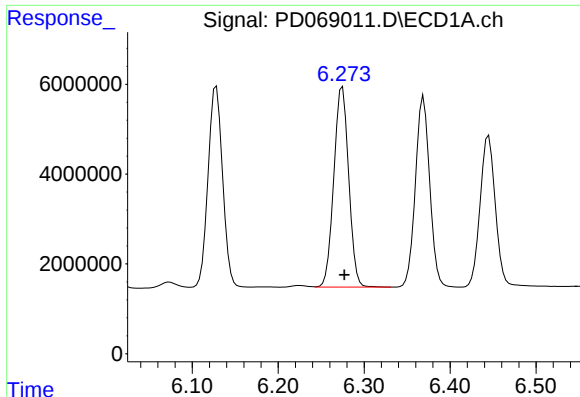
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 55684439
Conc: 42.27 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 330002151
Conc: 42.65 ng/ml



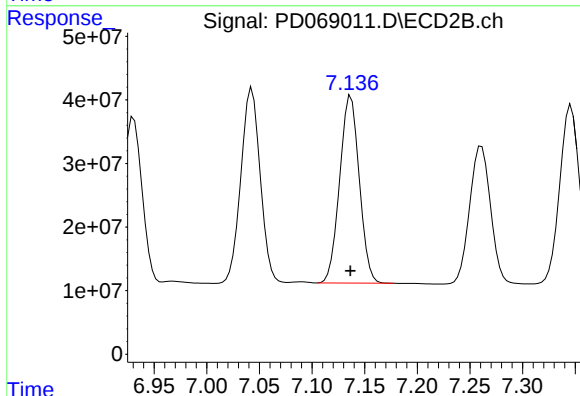
#15 Endosulfan II

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 53430622
Conc: 42.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

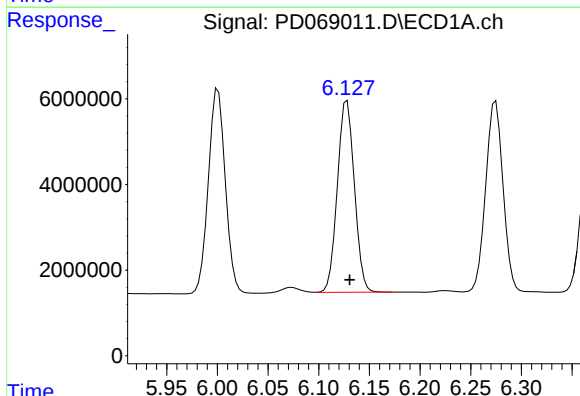
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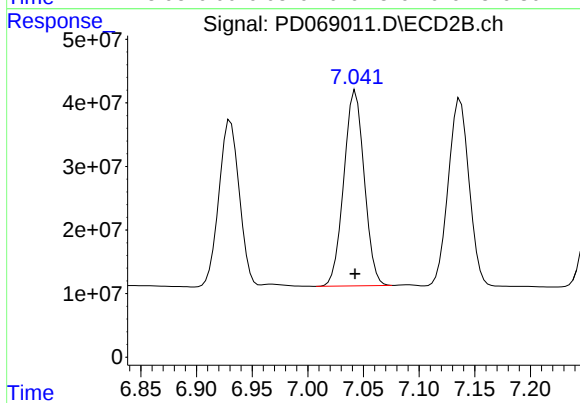
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 382979307
Conc: 50.67 ng/ml



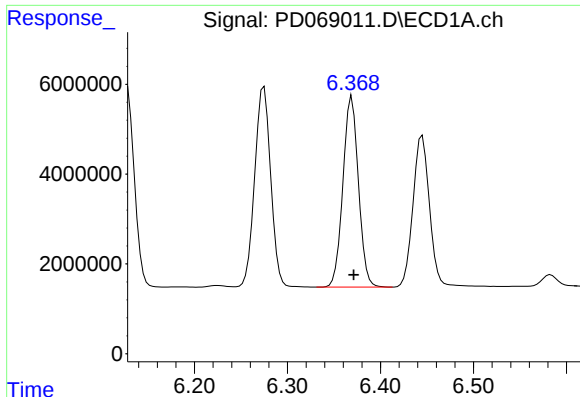
#16 4,4'-DDD

R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 52308660
Conc: 44.36 ng/ml



#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 391908185
Conc: 53.07 ng/ml



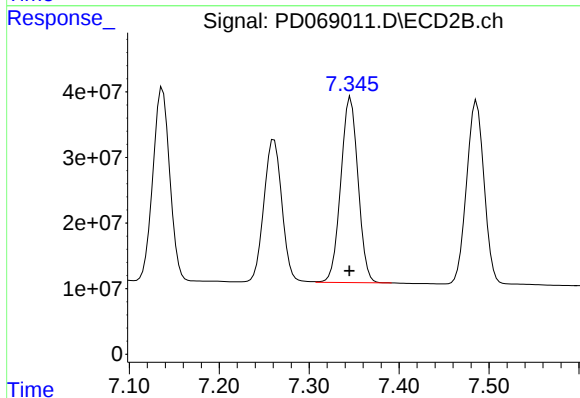
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 49173156
Conc: 40.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

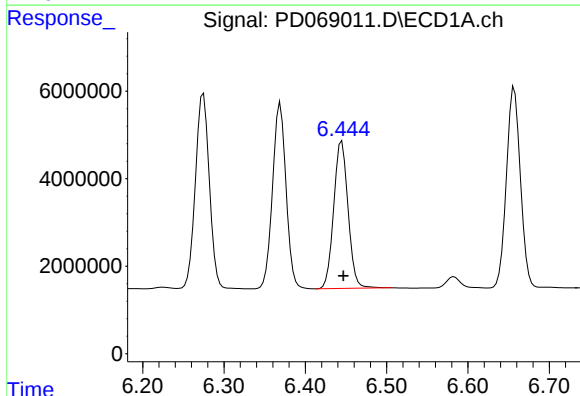
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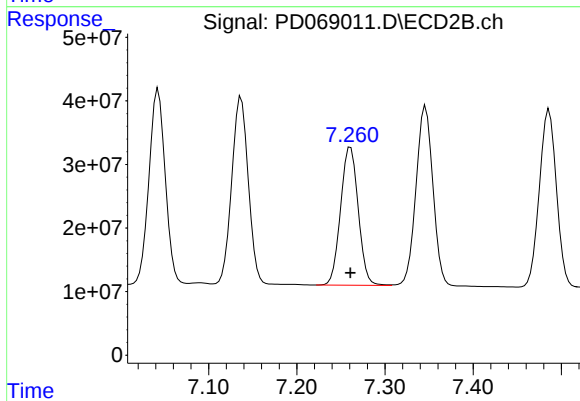
#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.001 min
Response: 376632690
Conc: 51.27 ng/ml



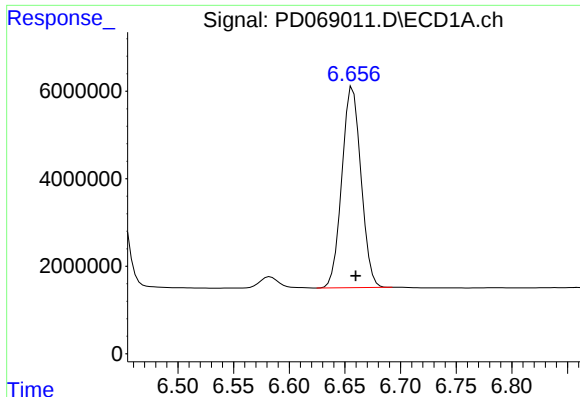
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.002 min
Response: 41319410
Conc: 41.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 302208833
Conc: 49.94 ng/ml



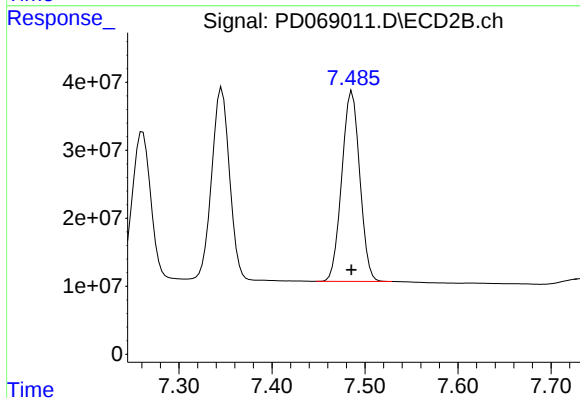
#19 Endosulfan Sulfate

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 54936767
Conc: 42.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

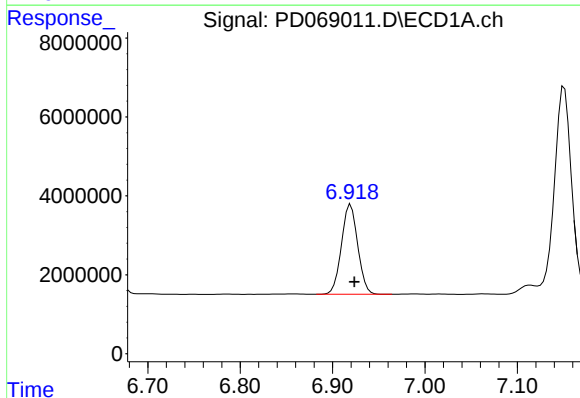
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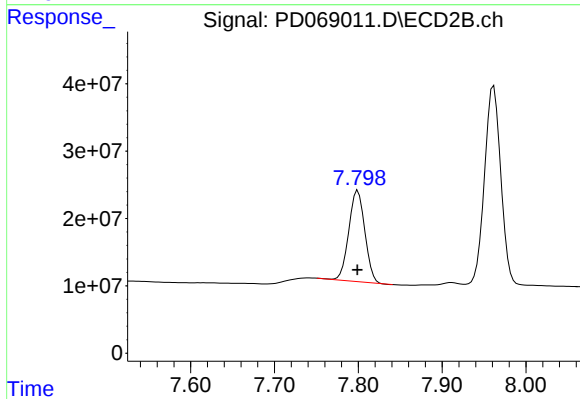
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 375976508
Conc: 51.12 ng/ml



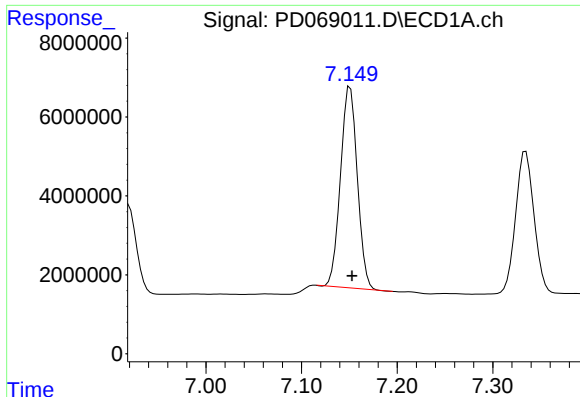
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 27790919
Conc: 40.10 ng/ml



#20 Methoxychlor

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 179563326
Conc: 49.26 ng/ml



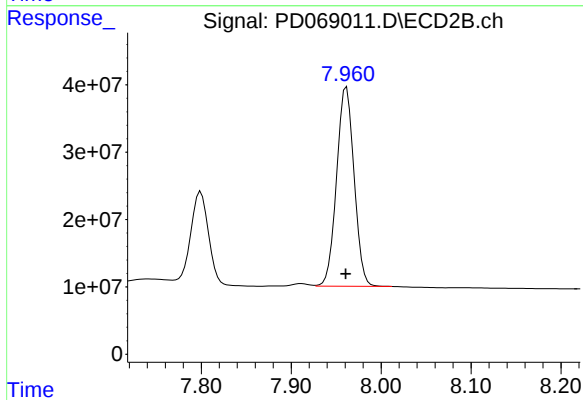
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 62403545
Conc: 42.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

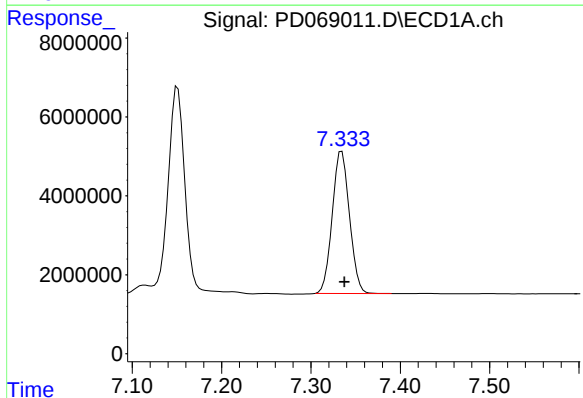
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2022
Supervised By :mohammad ahmed 04/08/2022



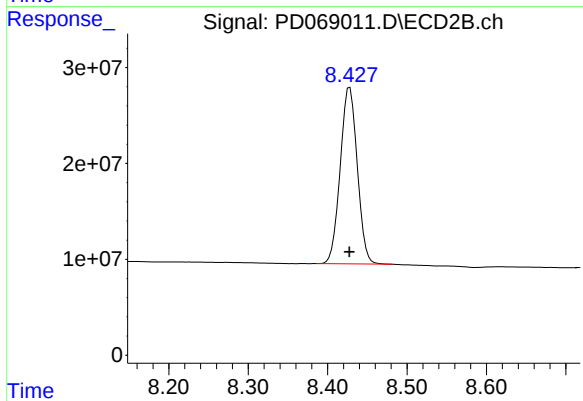
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 400131897
Conc: 51.64 ng/ml



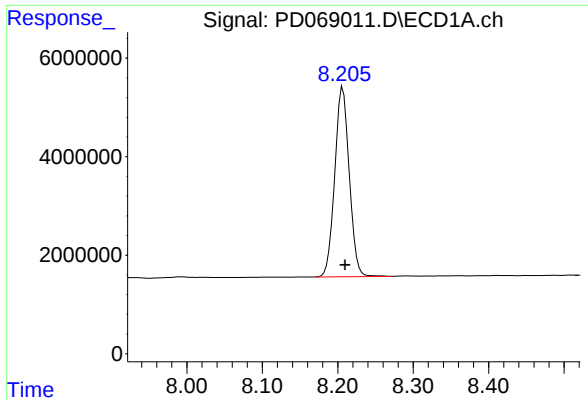
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 48287618
Conc: 40.74 ng/ml



#22 Mirex

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 275136665
Conc: 50.19 ng/ml



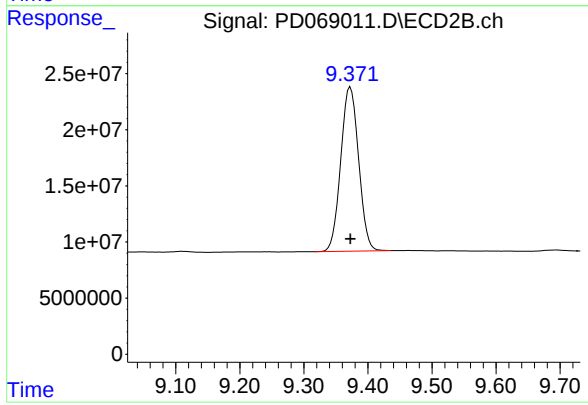
#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 51395346
Conc: 40.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 04/08/2022



#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 282992382
Conc: 49.94 ng/ml