

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040922\
 Data File : PD069025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2022 14:16
 Operator : AR\AJ
 Sample : N2317-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NORTH-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/09/2022
 Supervised By : mohammad ahmed 04/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 23:19:01 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 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...	3.447	4.173	23709817	214.1E6	19.528	22.396
28)	SA Decachlor...	8.205	9.372	22719399	120.3E6	17.983	21.230
Target Compounds							
2)	A alpha-BHC	3.886	4.569	101.6E6	812.7E6	56.105	59.051
3)	MA gamma-BHC...	4.169	4.860	93293479	743.1E6	55.872	59.430
4)	MA Heptachlor	4.468	5.388	89413180	709.2E6	54.273	59.675
5)	MB Aldrin	4.715	5.701	90430252	719.0E6	56.585	62.636
6)	B beta-BHC	4.420	5.023	38697461	313.8E6	51.974	57.159
7)	B delta-BHC	4.624	5.249	93327271	697.2E6	57.108	57.978
8)	B Heptachlo...	5.159	6.089	81916487	613.5E6	54.776	58.746
9)	A Endosulfan I	5.498	6.452	75631542	561.3E6	54.051	59.856
10)	B gamma-Chl...	5.386	6.326	85290533	624.0E6	56.225	60.543
11)	B alpha-Chl...	5.444	6.400	82301909	600.8E6	55.064	60.348
12)	B 4,4'-DDE	5.610	6.550	77190620	583.5E6	56.424	62.969
13)	MA Dieldrin	5.742	6.710	84849791	605.7E6	58.111	62.361
14)	MA Endrin	6.000	6.931	74087995	503.0E6	56.242	65.011
15)	B Endosulfa...	6.274	7.136	73089612	471.2E6	58.643	62.339
16)	A 4,4'-DDD	6.127	7.042	64963198	465.7E6	55.089	63.055
17)	MA 4,4'-DDT	6.368	7.345	66505105	460.5E6	55.330	62.687
18)	B Endrin al...	6.443	7.259	56967587	389.7E6	57.384	64.402
19)	B Endosulfa...	6.656	7.485	77064585	460.2E6	60.262	62.564
20)	A Methoxychlor	6.918	7.798	36512962	228.7E6	52.686	62.734
21)	B Endrin ke...	7.149	7.960	79958377	468.6E6	54.314	60.471
22)	Mirex	7.332	8.427	59648926	324.2E6	50.329m	59.146

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040922\
 Data File : PD069025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2022 14:16
 Operator : AR\AJ
 Sample : N2317-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

NORTH-1MSD

Manual Integrations

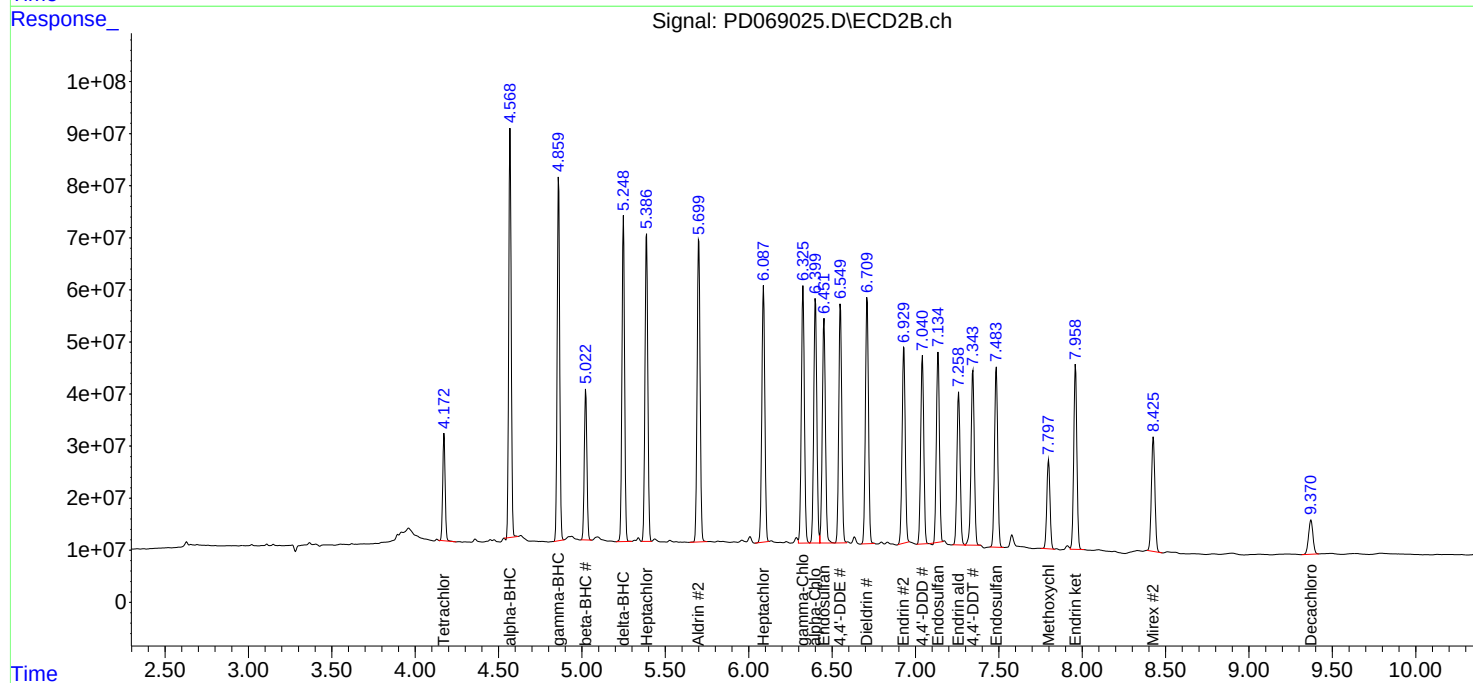
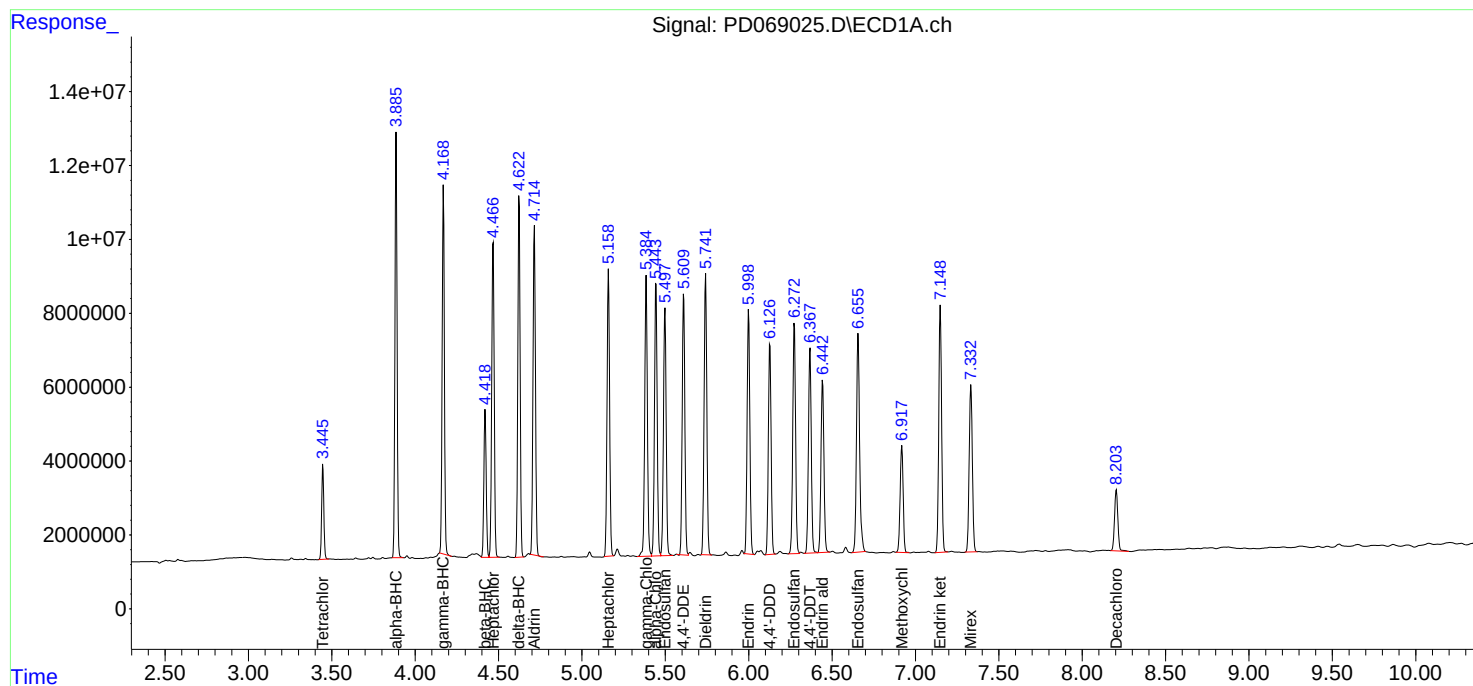
APPROVED

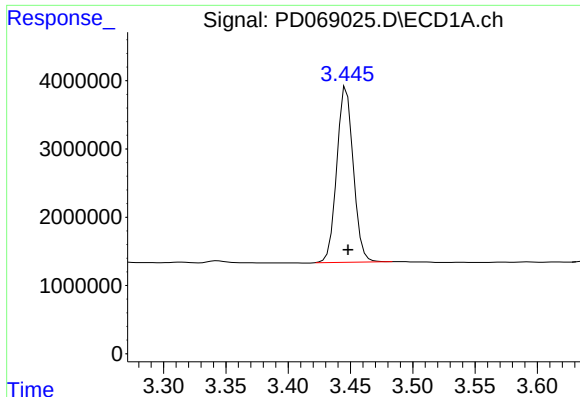
Reviewed By :Abdul Mirza 04/09/2022

Supervised By :mohammad ahmed 04/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 23:19:01 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





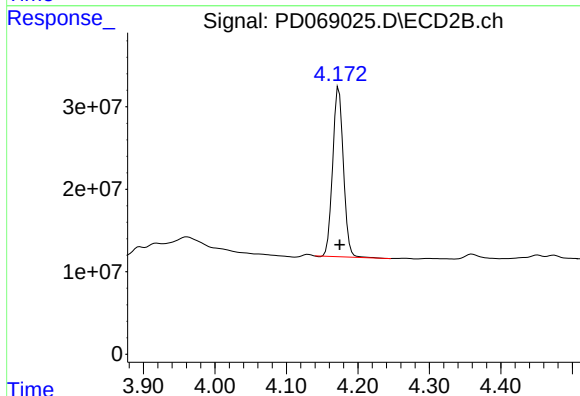
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: -0.001 min
Response: 23709817
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

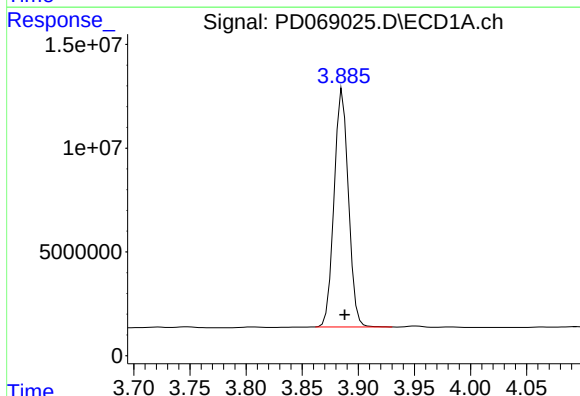
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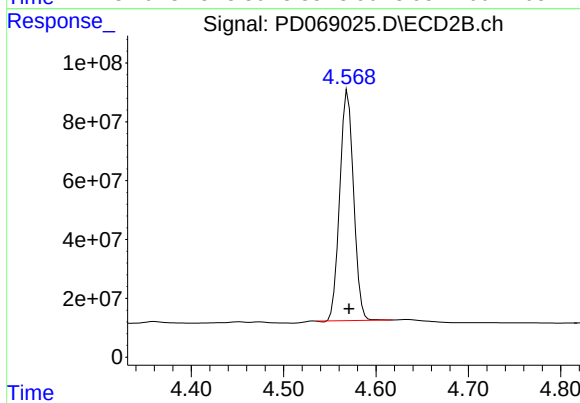
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.001 min
Response: 214127086
Conc: 22.40 ng/ml



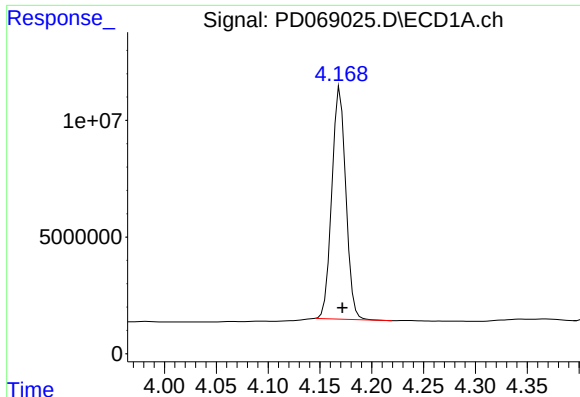
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 101582752
Conc: 56.11 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 812710203
Conc: 59.05 ng/ml



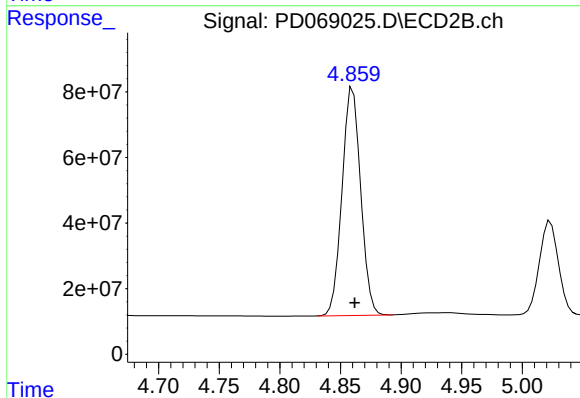
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: -0.002 min
Response: 93293479
Conc: 55.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

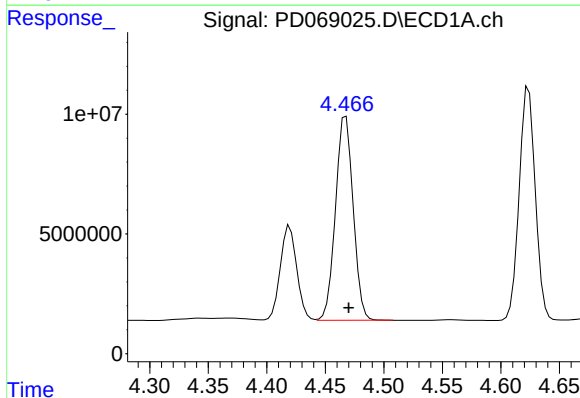
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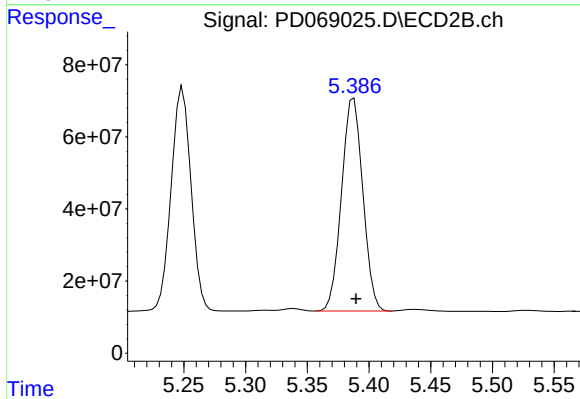
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 743064511
Conc: 59.43 ng/ml



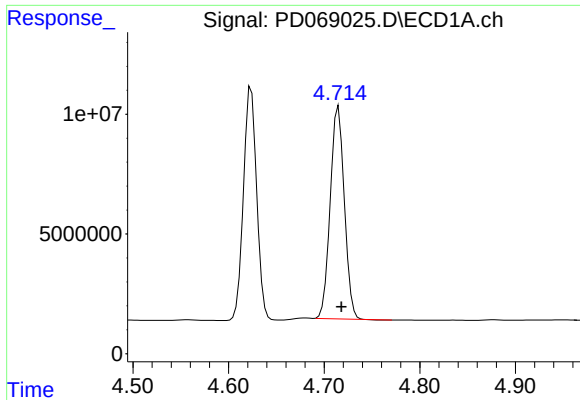
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 89413180
Conc: 54.27 ng/ml



#4 Heptachlor

R.T.: 5.388 min
Delta R.T.: -0.002 min
Response: 709196495
Conc: 59.68 ng/ml



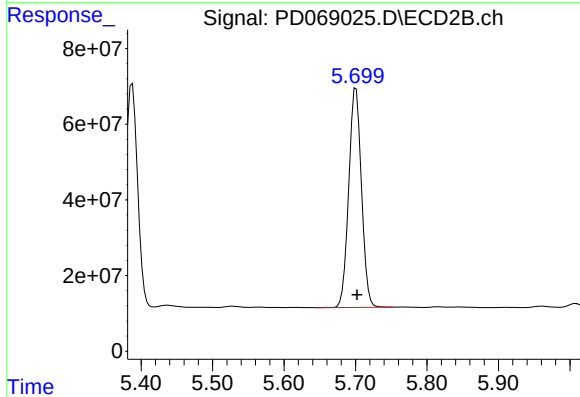
#5 Aldrin

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 90430252
Conc: 56.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

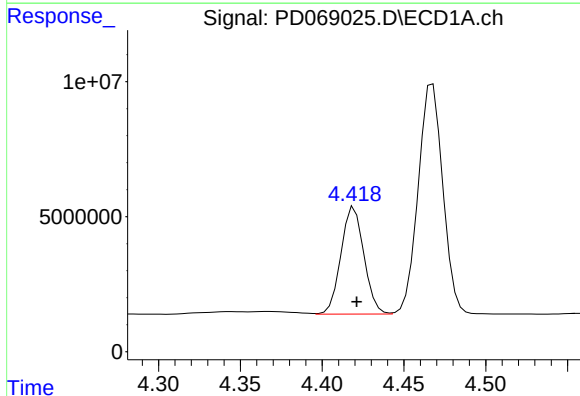
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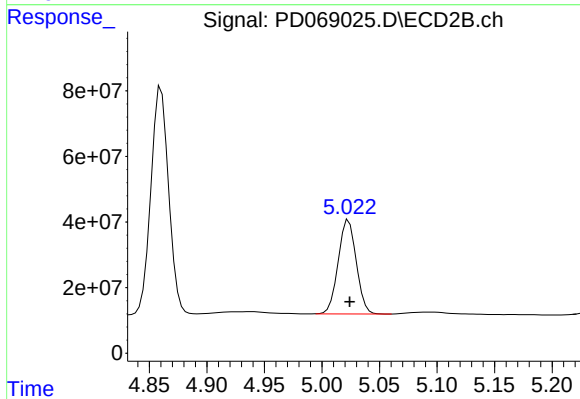
#5 Aldrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 718985483
Conc: 62.64 ng/ml



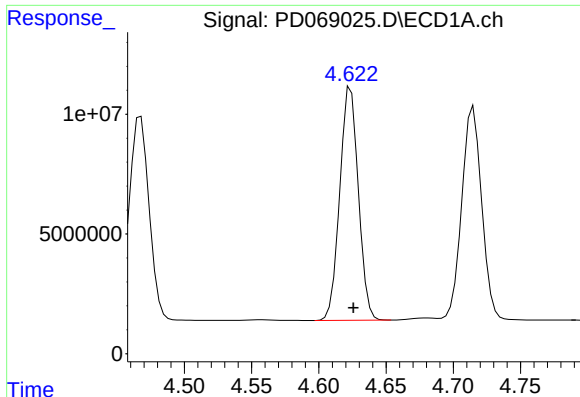
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: -0.001 min
Response: 38697461
Conc: 51.97 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 313798692
Conc: 57.16 ng/ml



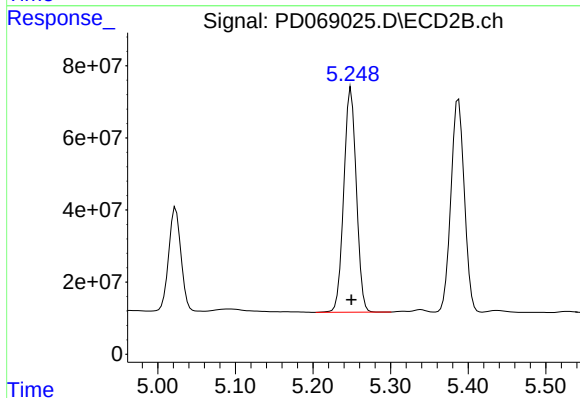
#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 93327271
Conc: 57.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

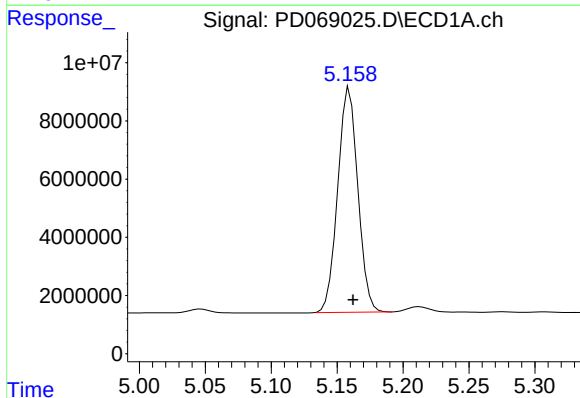
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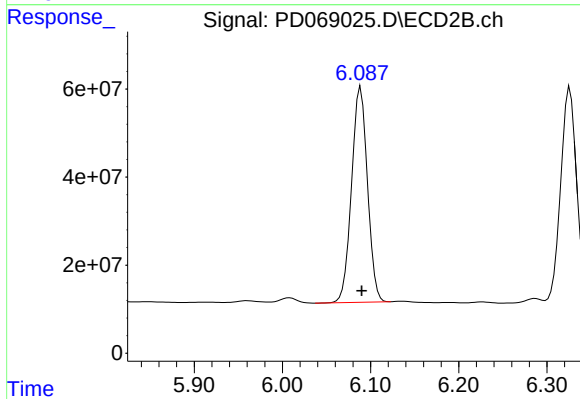
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 697226734
Conc: 57.98 ng/ml



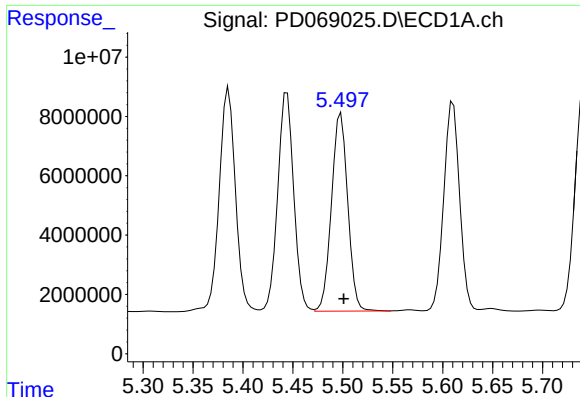
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 81916487
Conc: 54.78 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 613475216
Conc: 58.75 ng/ml



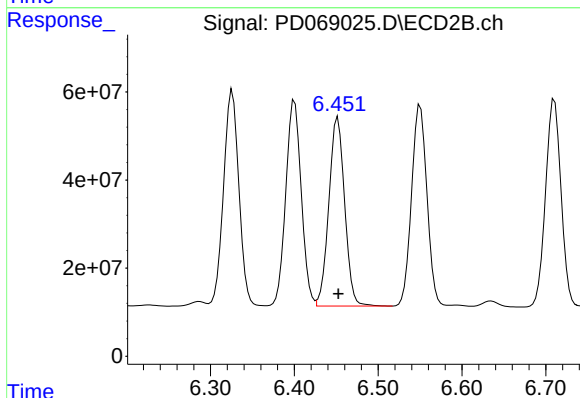
#9 Endosulfan I

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 75631542
Conc: 54.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

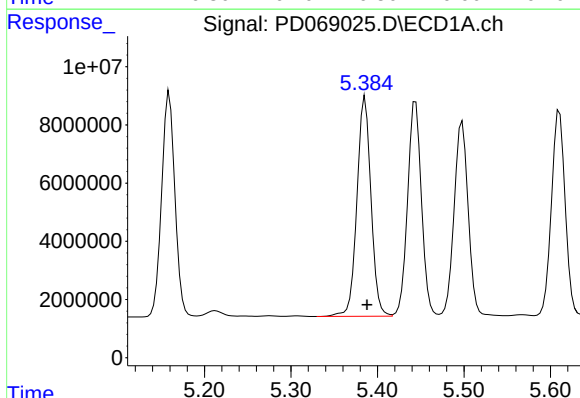
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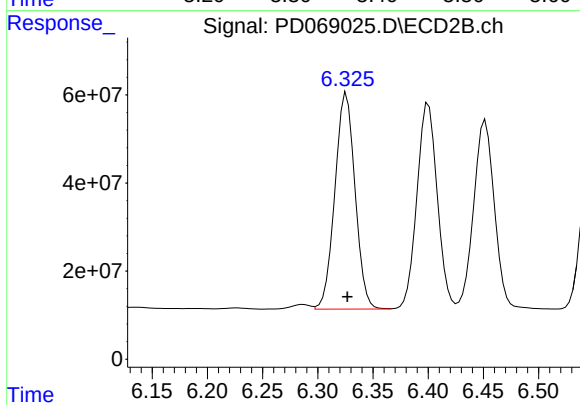
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 561341685
Conc: 59.86 ng/ml



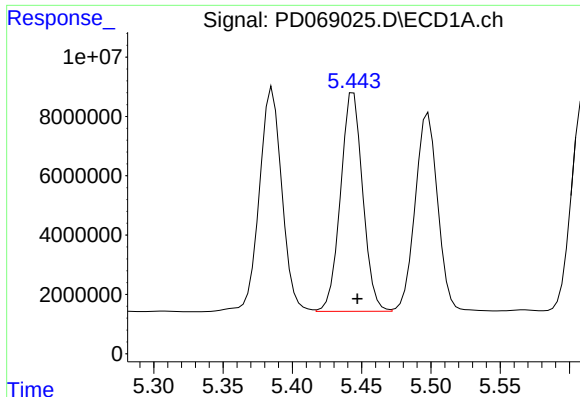
#10 gamma-Chlordane

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 85290533
Conc: 56.23 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 624022625
Conc: 60.54 ng/ml



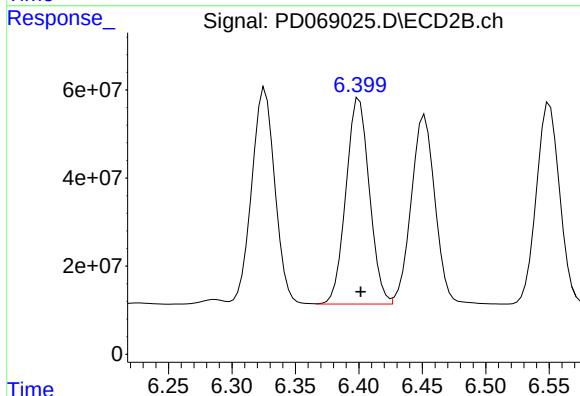
#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: -0.003 min
Response: 82301909
Conc: 55.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

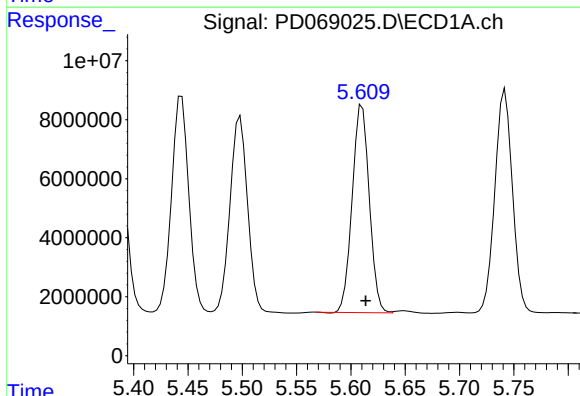
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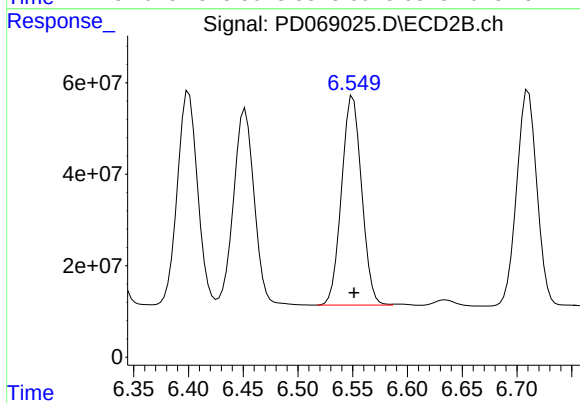
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 600833524
Conc: 60.35 ng/ml



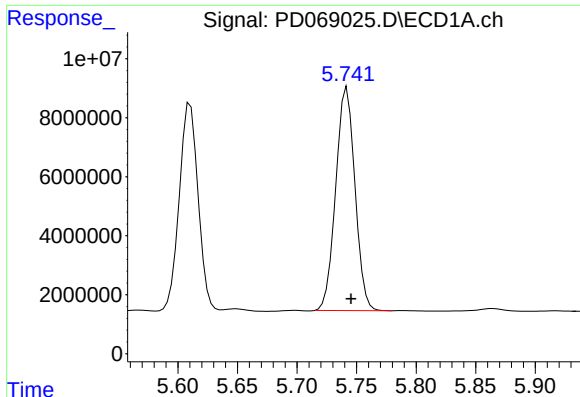
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 77190620
Conc: 56.42 ng/ml



#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 583523526
Conc: 62.97 ng/ml



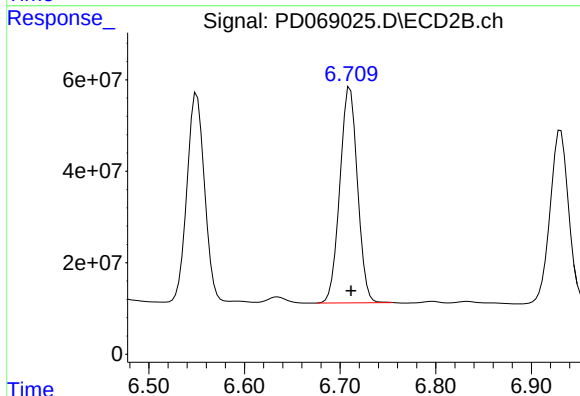
#13 Dieldrin

R.T.: 5.742 min
Delta R.T.: -0.003 min
Response: 84849791
Conc: 58.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

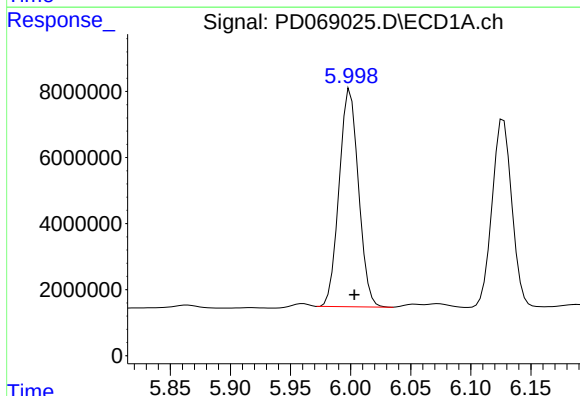
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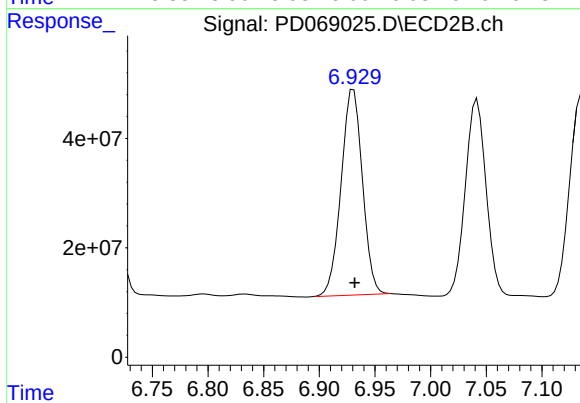
#13 Dieldrin

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 605718993
Conc: 62.36 ng/ml



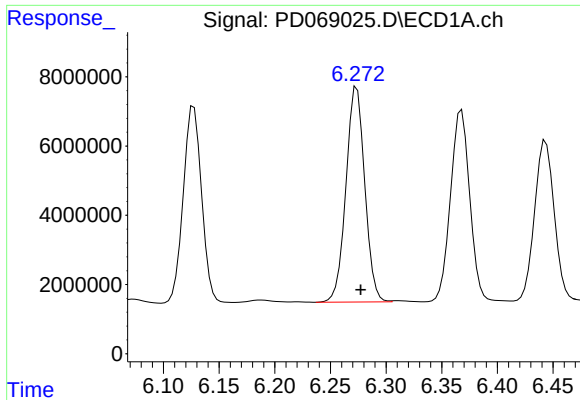
#14 Endrin

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 74087995
Conc: 56.24 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 503024583
Conc: 65.01 ng/ml



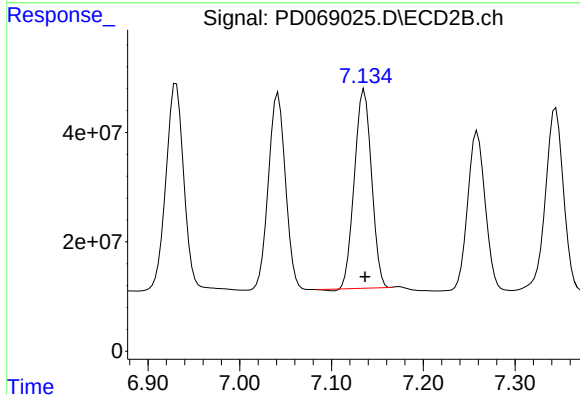
#15 Endosulfan II

R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 73089612
Conc: 58.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

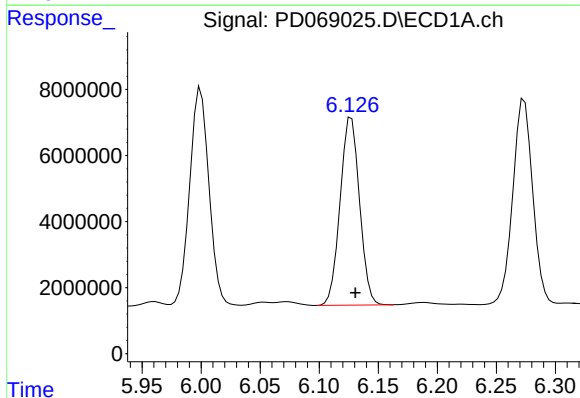
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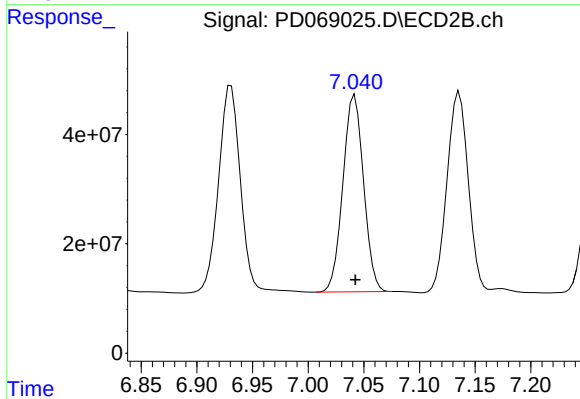
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 471195102
Conc: 62.34 ng/ml



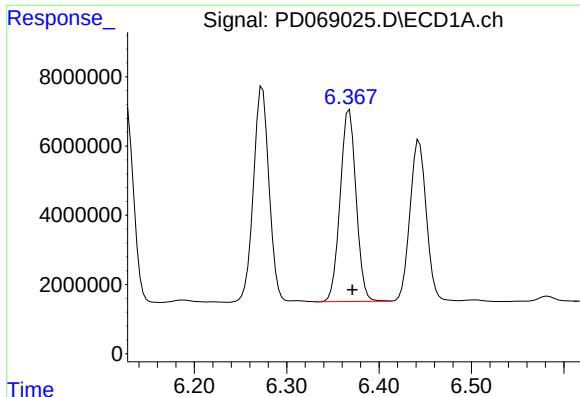
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 64963198
Conc: 55.09 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 465681178
Conc: 63.06 ng/ml



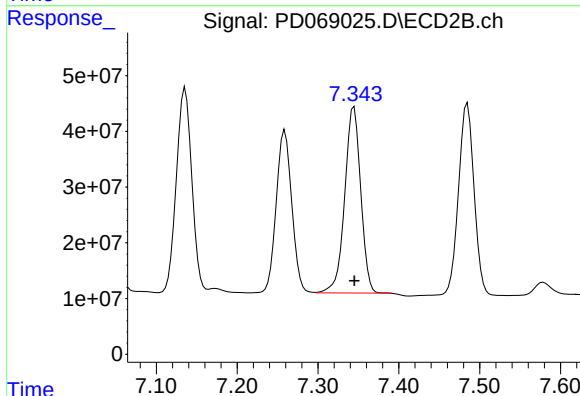
#17 4,4'-DDT

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 66505105
Conc: 55.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

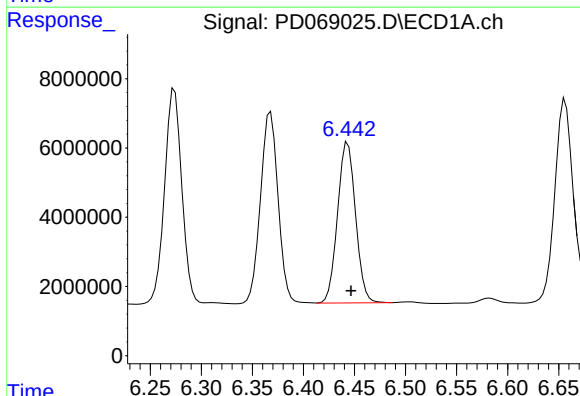
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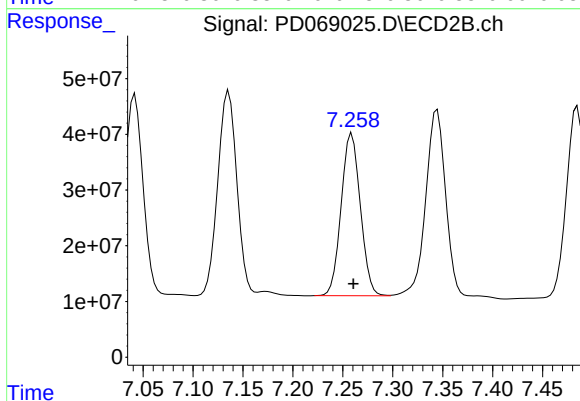
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 460547742
Conc: 62.69 ng/ml



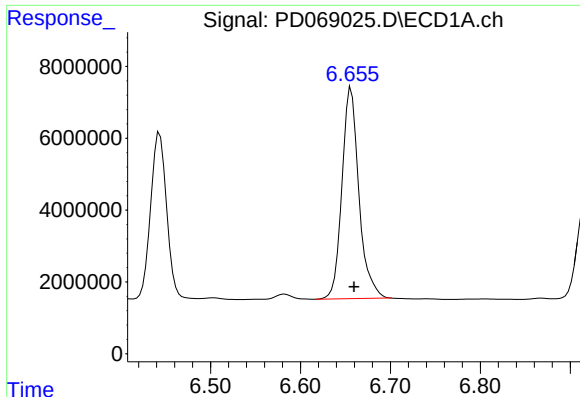
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.003 min
Response: 56967587
Conc: 57.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 389746122
Conc: 64.40 ng/ml



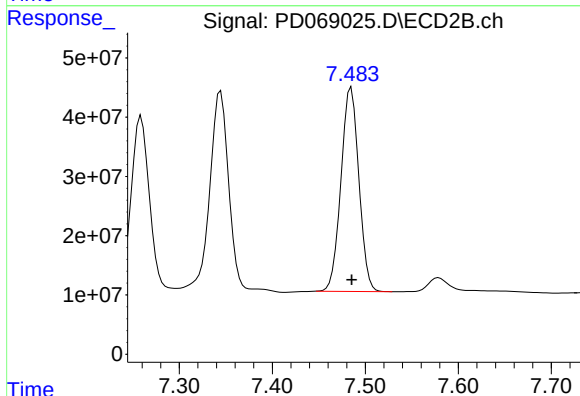
#19 Endosulfan Sulfate

R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 77064585
Conc: 60.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

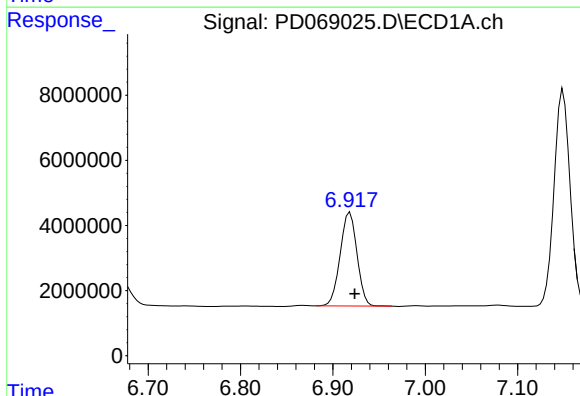
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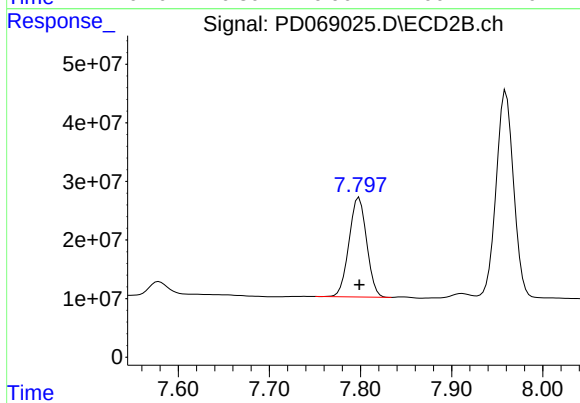
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 460159678
Conc: 62.56 ng/ml



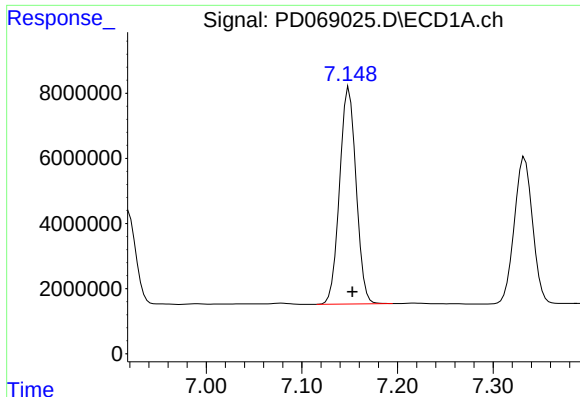
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.005 min
Response: 36512962
Conc: 52.69 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 228684098
Conc: 62.73 ng/ml



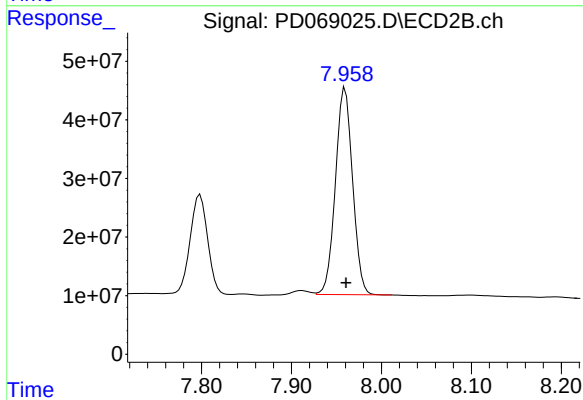
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 79958377
Conc: 54.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
NORTH-1MSD

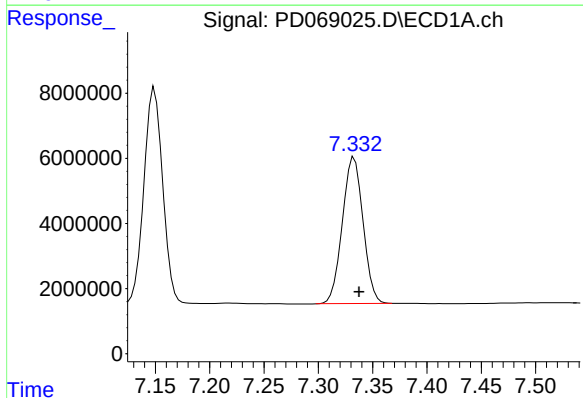
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APPROVED

Reviewed By :Abdul Mirza 04/09/2022
Supervised By :mohammad ahmed 04/11/2022



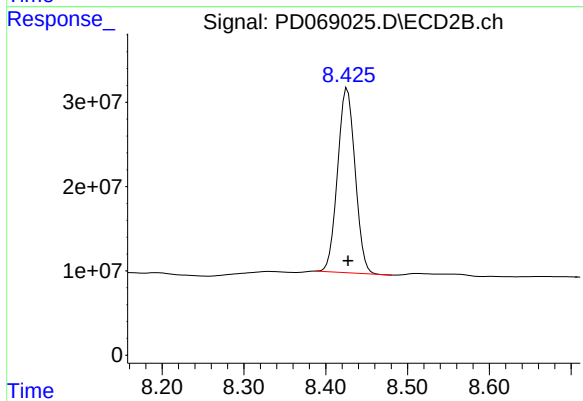
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: -0.001 min
Response: 468575947
Conc: 60.47 ng/ml



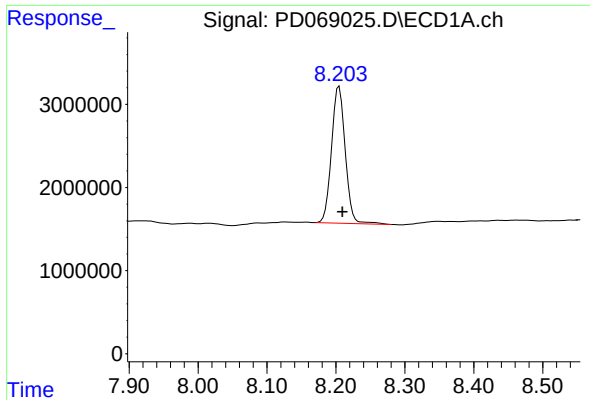
#22 Mirex

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 59648926
Conc: 50.33 ng/ml m



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 324198903
Conc: 59.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 22719399
Conc: 17.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

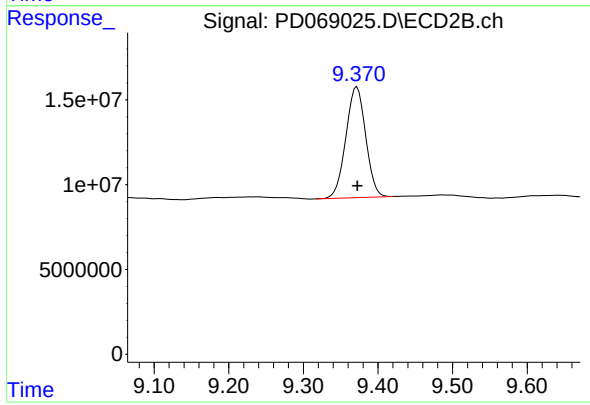
NORTH-1MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 120306381
Conc: 21.23 ng/ml