

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
 Data File : PD069526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2022 16:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2022
 Supervised By : mohammad ahmed 05/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 03:14:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 18 13:40:55 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...	3.443	4.171	55771242	506.6E6	50.240	47.254
28)	SA Decachlor...	8.195	9.363	61623753	332.2E6	49.353	50.757
Target Compounds							
2)	A alpha-BHC	3.882	4.567	85084604	755.3E6	52.142	48.980
3)	MA gamma-BHC...	4.165	4.857	80864890	680.2E6	47.273	48.170
4)	MA Heptachlor	4.462	5.384	77696312	657.7E6	52.391	48.139
5)	MB Aldrin	4.709	5.697	75957905	636.9E6	52.159	48.194
6)	B beta-BHC	4.415	5.021	34857618	296.3E6	50.139	48.228
7)	B delta-BHC	4.619	5.246	77887245	598.0E6	52.505	44.589
8)	B Heptachlo...	5.153	6.084	70958490	577.7E6	51.765	48.817
9)	A Endosulfan I	5.491	6.447	66362549	538.7E6	51.424	49.875
10)	B gamma-Chl...	5.378	6.320	71494129	578.7E6	51.432	49.697m
11)	B alpha-Chl...	5.437	6.396	70655142	570.4E6	51.375	49.867
12)	B 4,4'-DDE	5.603	6.546	66994549	530.3E6	52.946	49.094
13)	MA Dieldrin	5.735	6.705	69875786	548.7E6	51.785	49.217
14)	MA Endrin	5.993	6.925	63061072	416.5E6	52.157	45.918
15)	B Endosulfa...	6.266	7.131	58705070	446.0E6	50.730	51.545
16)	A 4,4'-DDD	6.120	7.037	56839492	441.1E6	52.148	51.210
17)	MA 4,4'-DDT	6.360	7.340	56673353	441.5E6	52.711	50.906
18)	B Endrin al...	6.436	7.255	46418097	344.8E6	50.291	49.871
19)	B Endosulfa...	6.648	7.479	61725336	424.1E6	51.029	49.677
20)	A Methoxychlor	6.910	7.793	33367436	219.9E6	52.526	51.011
21)	B Endrin ke...	7.142	7.954	71761608	448.1E6	50.967	49.555
22)	Mirex	7.324	8.420	56293403	317.5E6	49.483	49.247

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
Data File : PD069526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2022 16:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

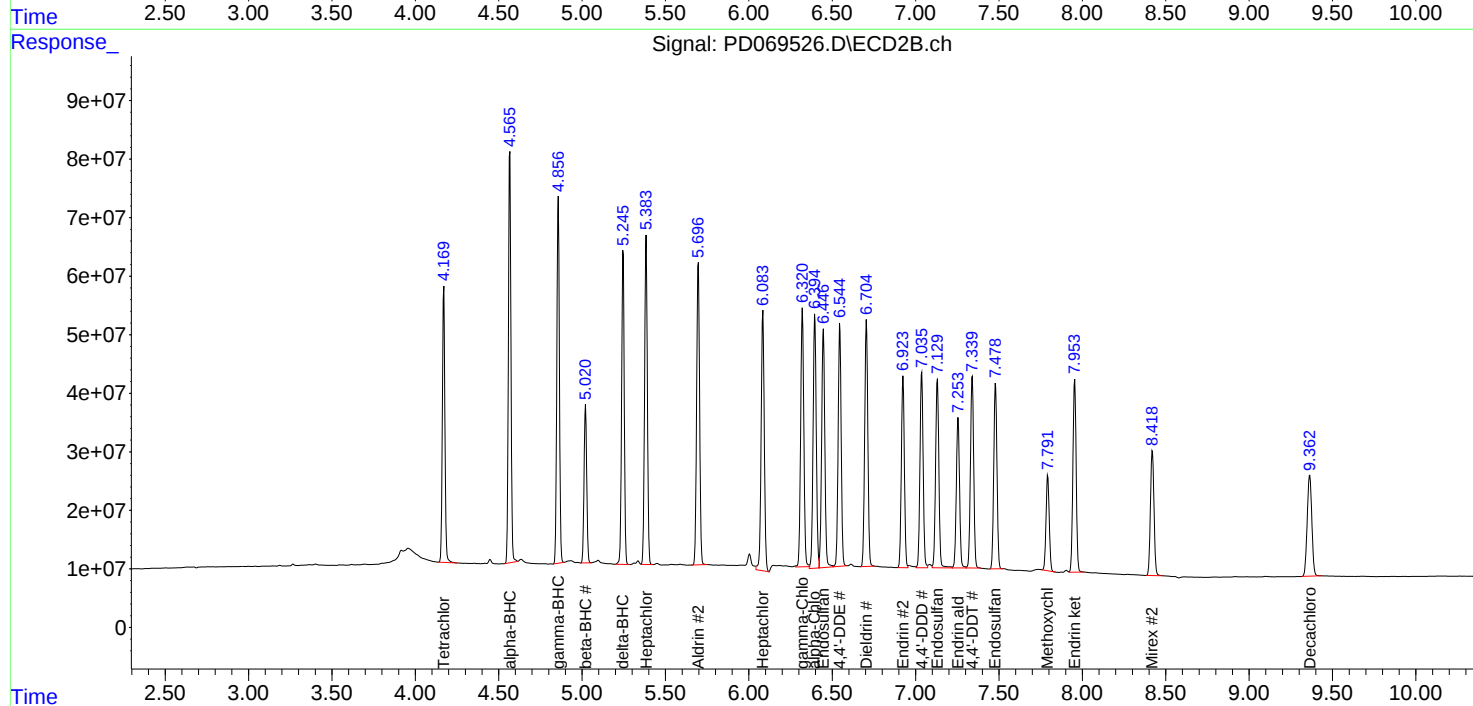
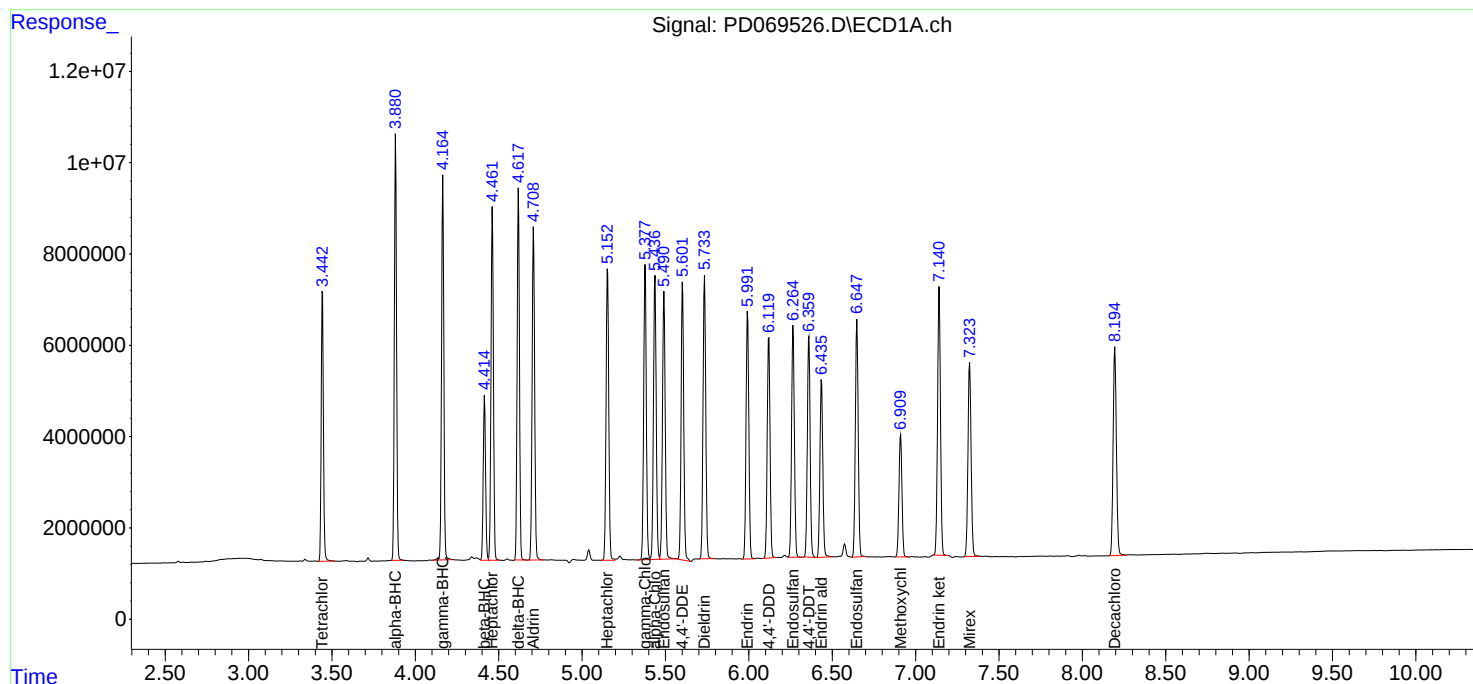
APPROVED

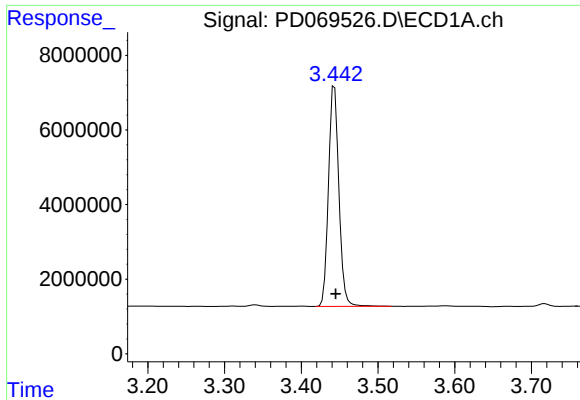
Reviewed By :Abdul Mirza 05/11/2022

Supervised By :mohammad ahmed 05/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 03:14:49 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Mon Apr 18 13:40:55 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





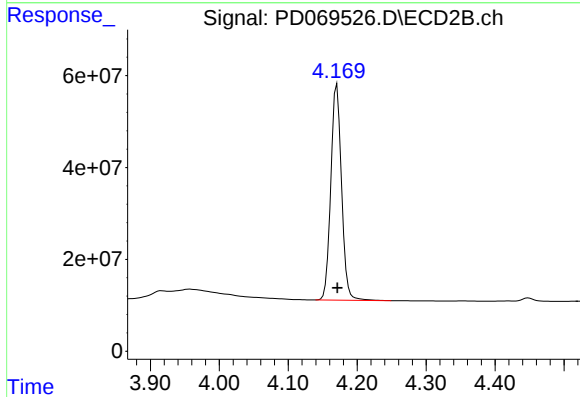
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: -0.002 min
Response: 55771242
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

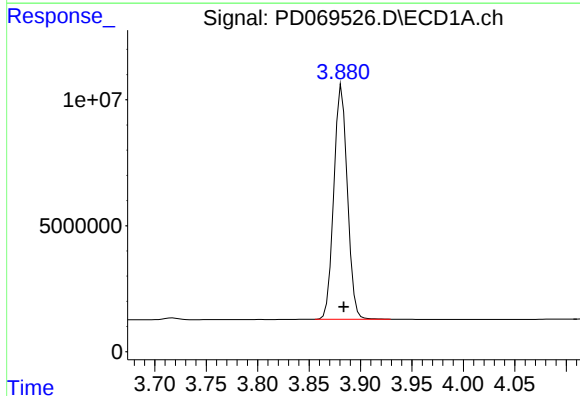
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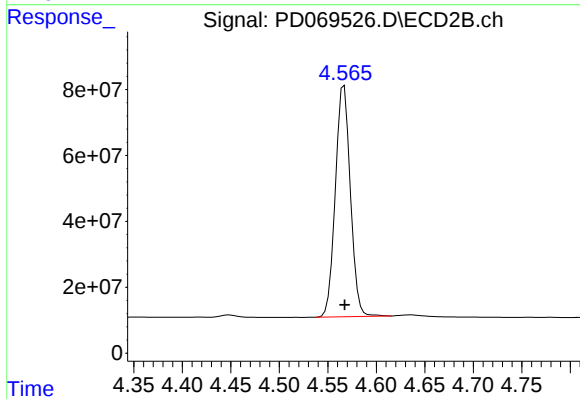
#1 Tetrachloro-m-xylene

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 506644135
Conc: 47.25 ng/ml



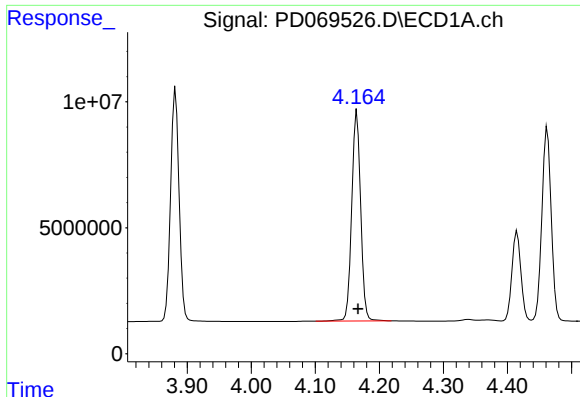
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.002 min
Response: 85084604
Conc: 52.14 ng/ml



#2 alpha-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 755271857
Conc: 48.98 ng/ml



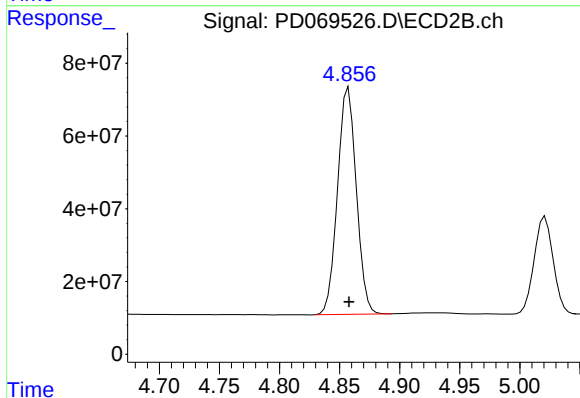
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 80864890
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

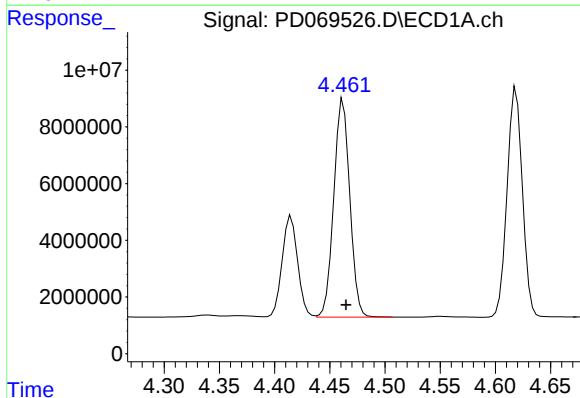
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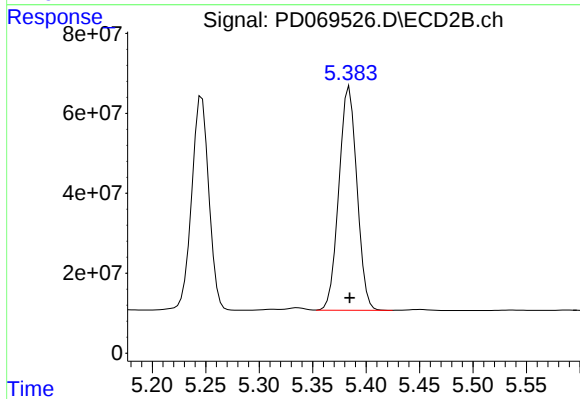
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 680185373
Conc: 48.17 ng/ml



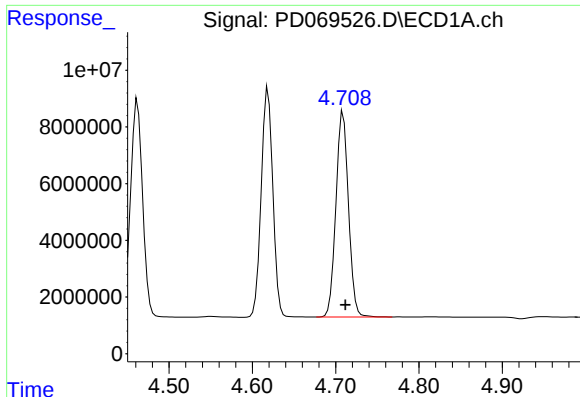
#4 Heptachlor

R.T.: 4.462 min
Delta R.T.: -0.002 min
Response: 77696312
Conc: 52.39 ng/ml



#4 Heptachlor

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 657664643
Conc: 48.14 ng/ml



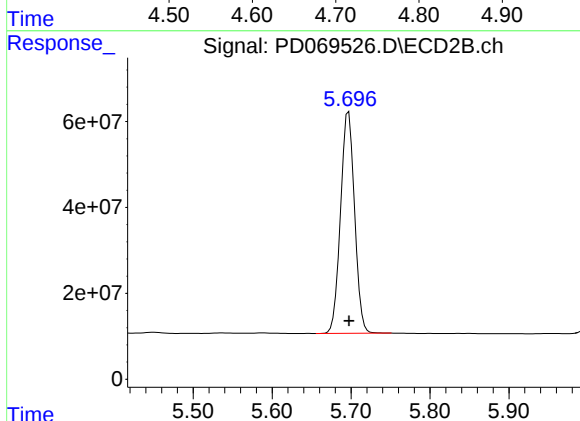
#5 Aldrin

R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 75957905
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

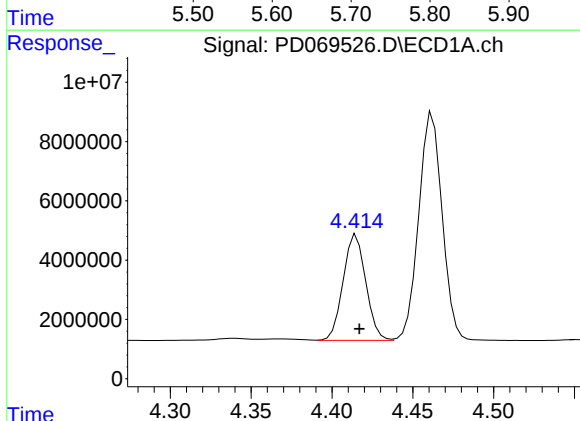
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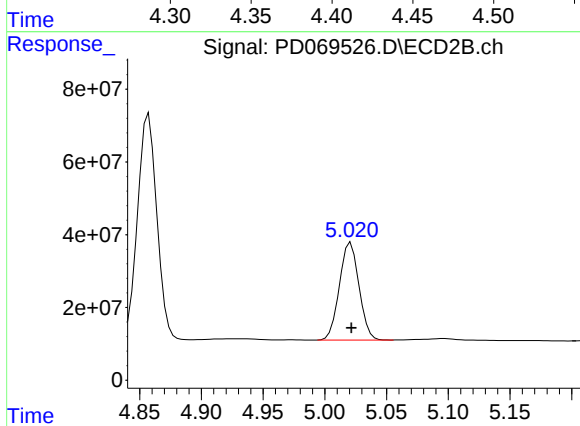
#5 Aldrin

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 636893450
Conc: 48.19 ng/ml



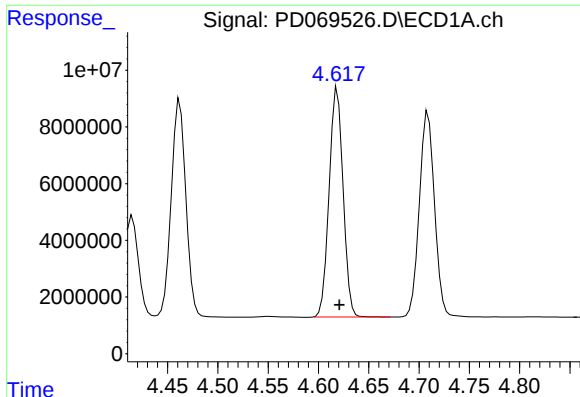
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 34857618
Conc: 50.14 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 296289705
Conc: 48.23 ng/ml



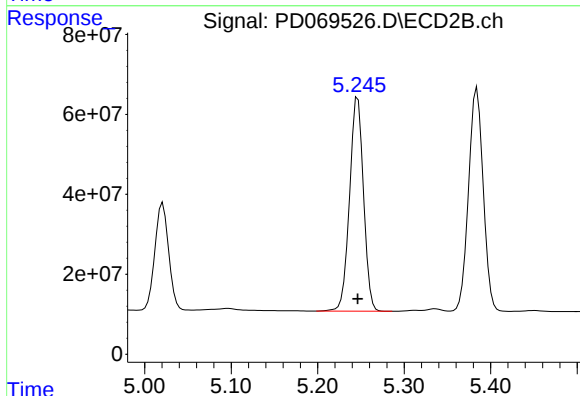
#7 delta-BHC

R.T.: 4.619 min
Delta R.T.: -0.002 min
Response: 77887245
Conc: 52.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

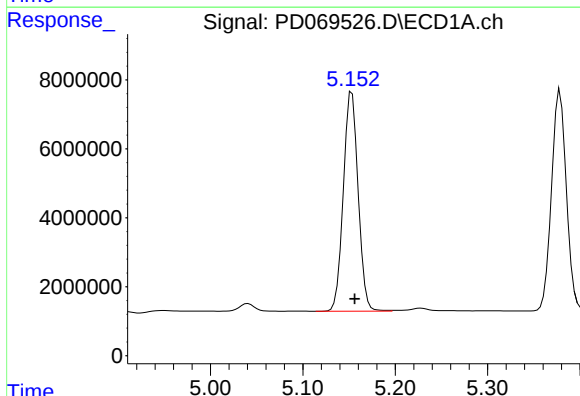
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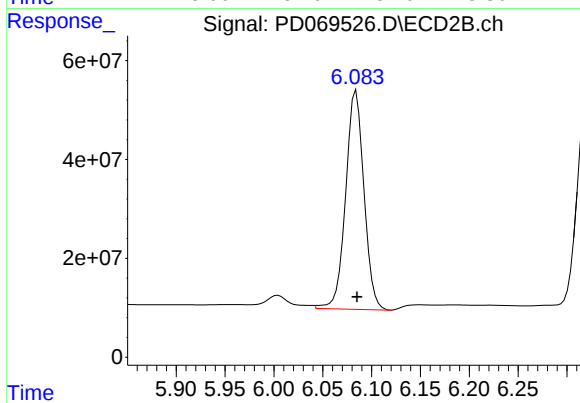
#7 delta-BHC

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 597971882
Conc: 44.59 ng/ml



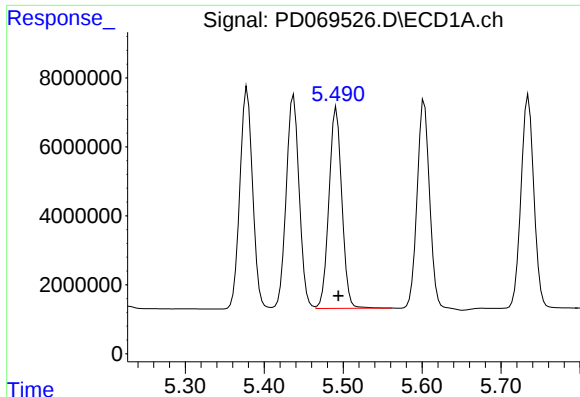
#8 Heptachlor epoxide

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 70958490
Conc: 51.77 ng/ml



#8 Heptachlor epoxide

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 577705305
Conc: 48.82 ng/ml



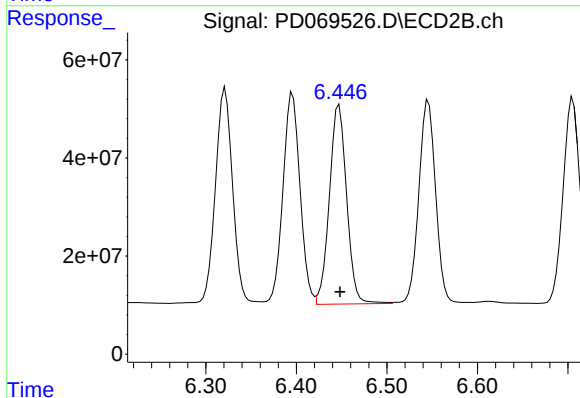
#9 Endosulfan I

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 66362549
Conc: 51.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

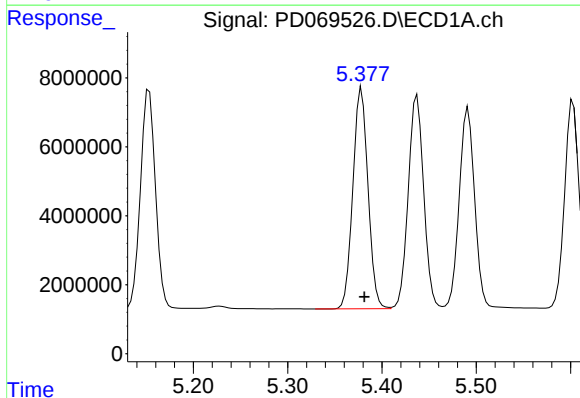
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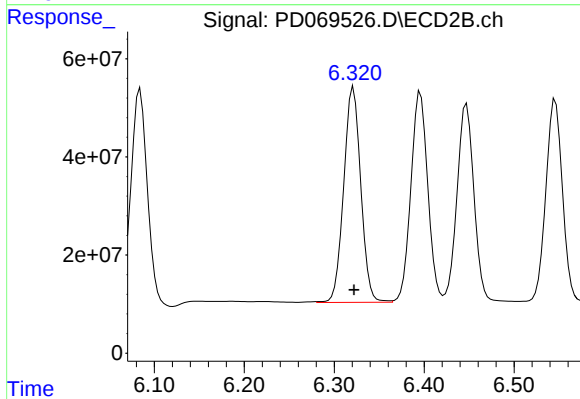
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 538657548
Conc: 49.88 ng/ml



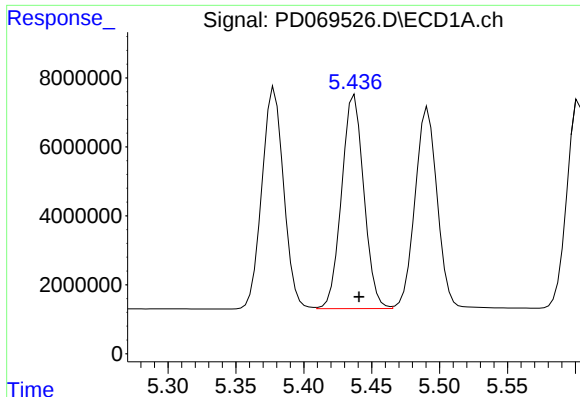
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 71494129
Conc: 51.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 578676386
Conc: 49.70 ng/ml m



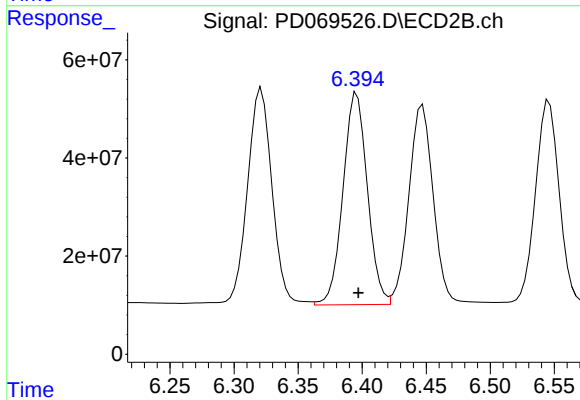
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: -0.003 min
Response: 70655142
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

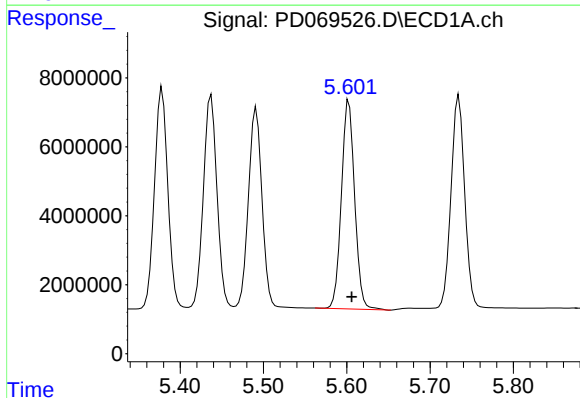
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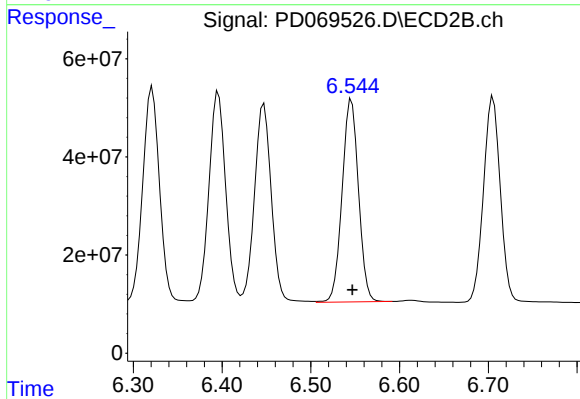
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 570356383
Conc: 49.87 ng/ml



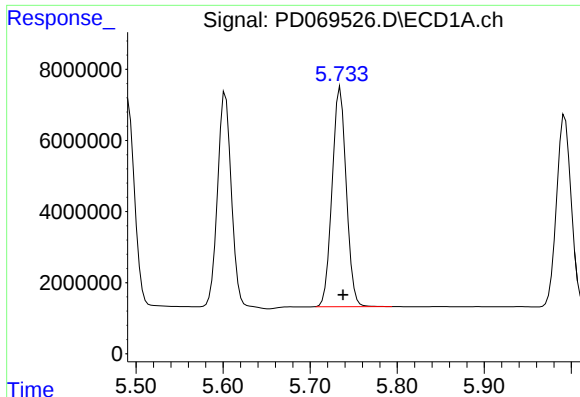
#12 4,4'-DDE

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 66994549
Conc: 52.95 ng/ml



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 530335017
Conc: 49.09 ng/ml



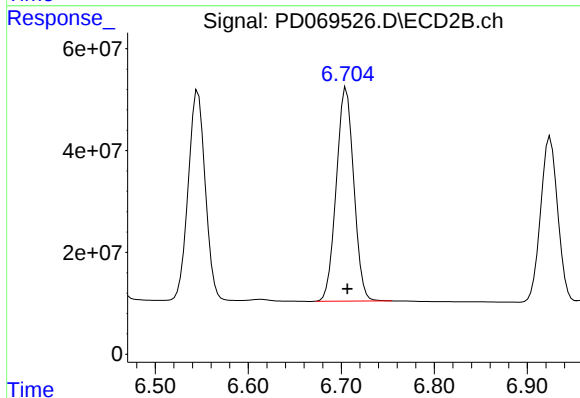
#13 Dieldrin

R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 69875786
Conc: 51.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

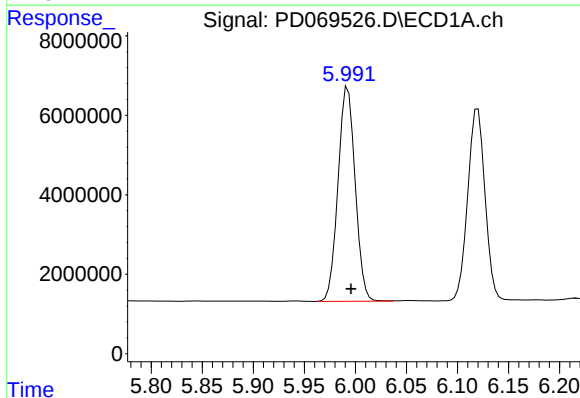
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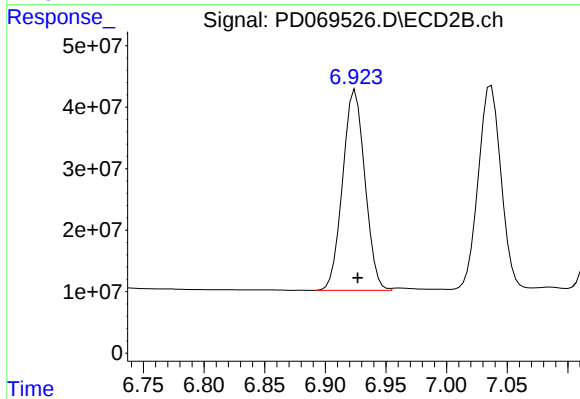
#13 Dieldrin

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 548669657
Conc: 49.22 ng/ml



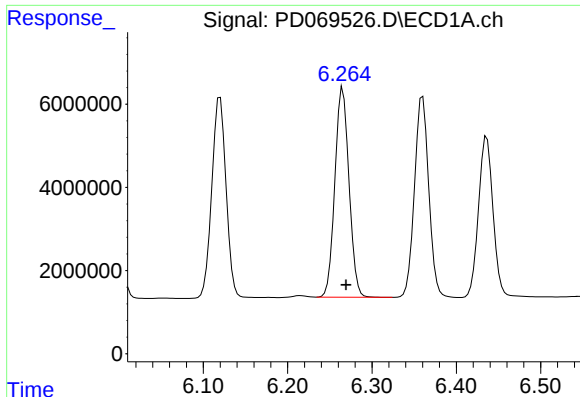
#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 63061072
Conc: 52.16 ng/ml



#14 Endrin

R.T.: 6.925 min
Delta R.T.: -0.002 min
Response: 416481815
Conc: 45.92 ng/ml



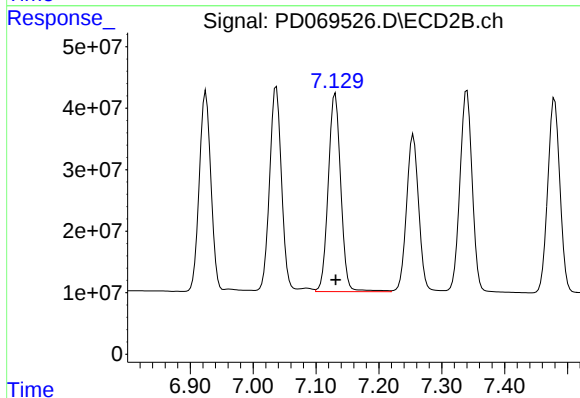
#15 Endosulfan II

R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 58705070
Conc: 50.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

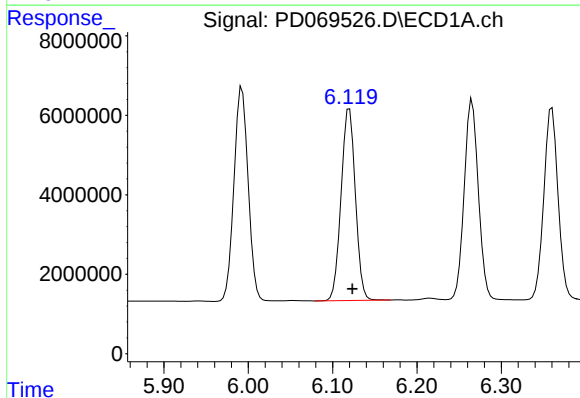
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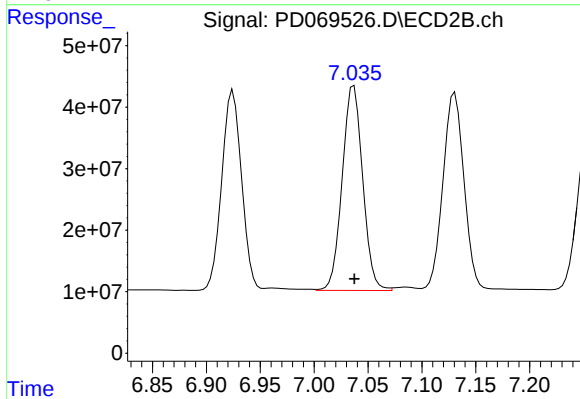
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 445968799
Conc: 51.55 ng/ml



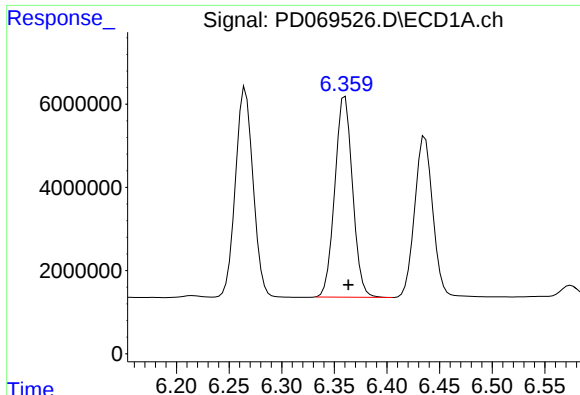
#16 4,4'-DDD

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 56839492
Conc: 52.15 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 441089963
Conc: 51.21 ng/ml



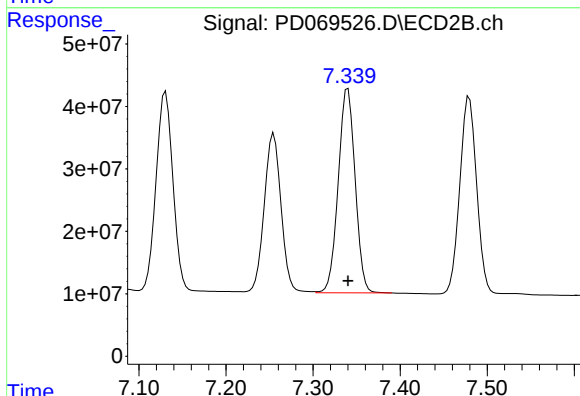
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: -0.003 min
Response: 56673353
Conc: 52.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

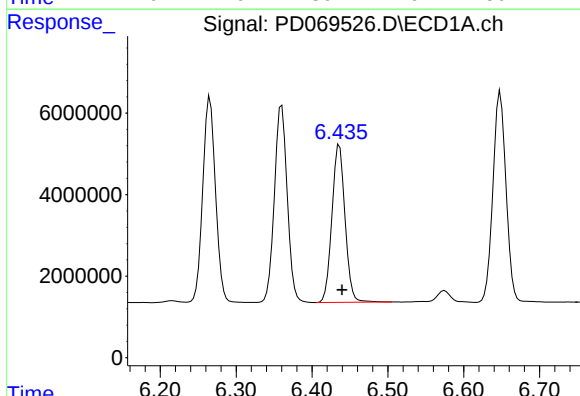
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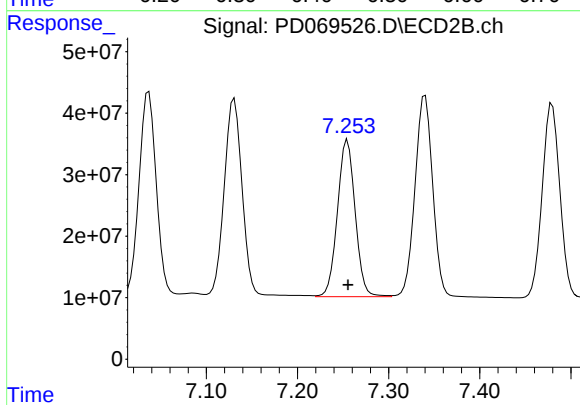
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 441546002
Conc: 50.91 ng/ml



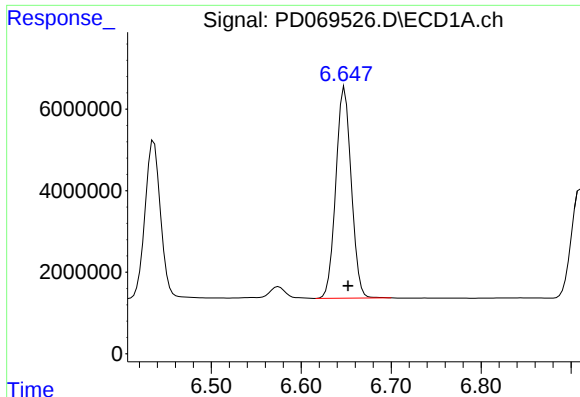
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: -0.003 min
Response: 46418097
Conc: 50.29 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 344763729
Conc: 49.87 ng/ml



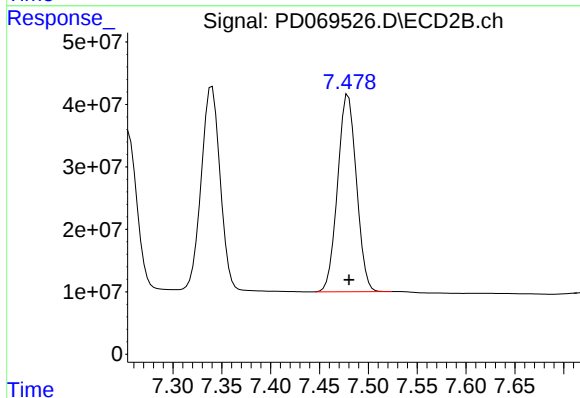
#19 Endosulfan Sulfate

R.T.: 6.648 min
Delta R.T.: -0.004 min
Response: 61725336
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

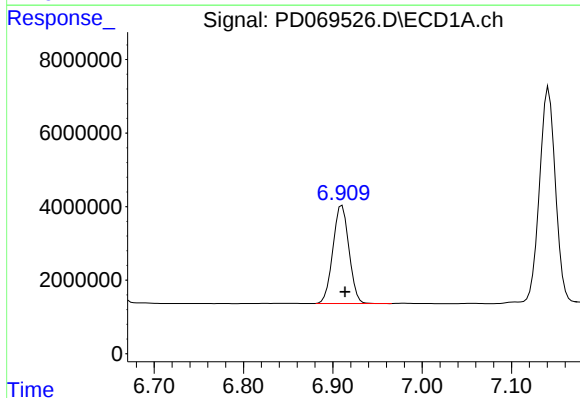
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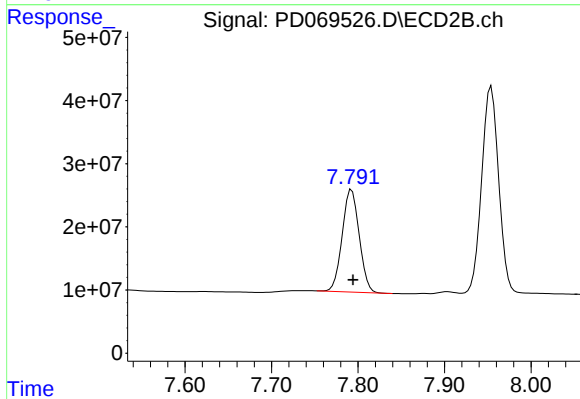
#19 Endosulfan Sulfate

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 424073454
Conc: 49.68 ng/ml



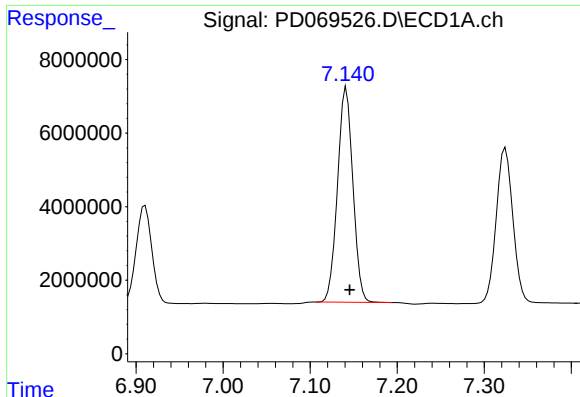
#20 Methoxychlor

R.T.: 6.910 min
Delta R.T.: -0.003 min
Response: 33367436
Conc: 52.53 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: -0.002 min
Response: 219914348
Conc: 51.01 ng/ml



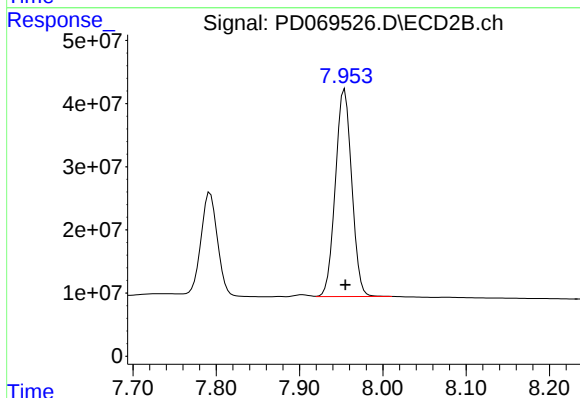
#21 Endrin ketone

R.T.: 7.142 min
Delta R.T.: -0.004 min
Response: 71761608
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

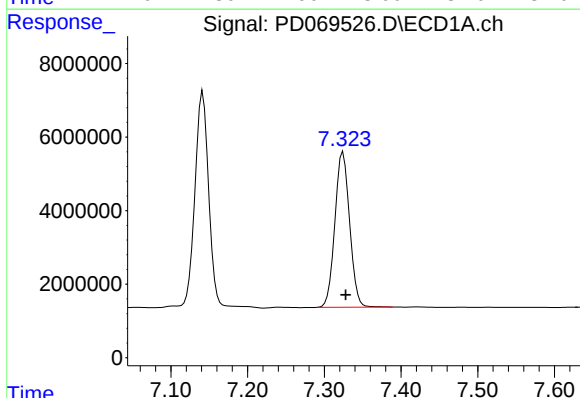
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



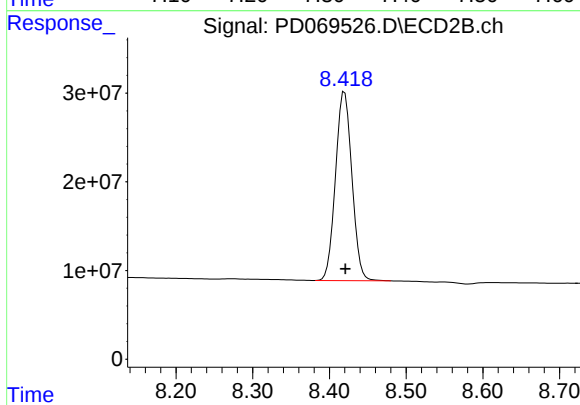
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 448051957
Conc: 49.55 ng/ml



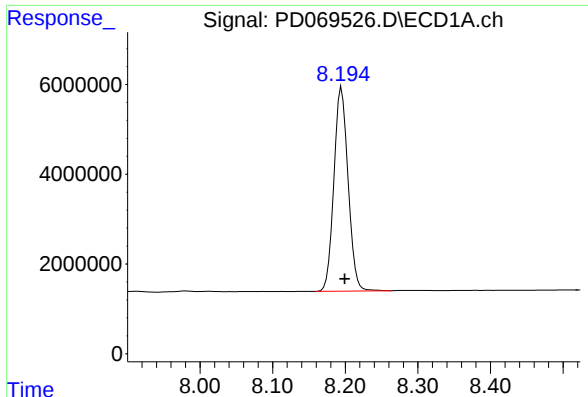
#22 Mirex

R.T.: 7.324 min
Delta R.T.: -0.004 min
Response: 56293403
Conc: 49.48 ng/ml



#22 Mirex

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 317463521
Conc: 49.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: -0.004 min
Response: 61623753
Conc: 49.35 ng/ml

Instrument :

ECD_D

ClientSampleId :

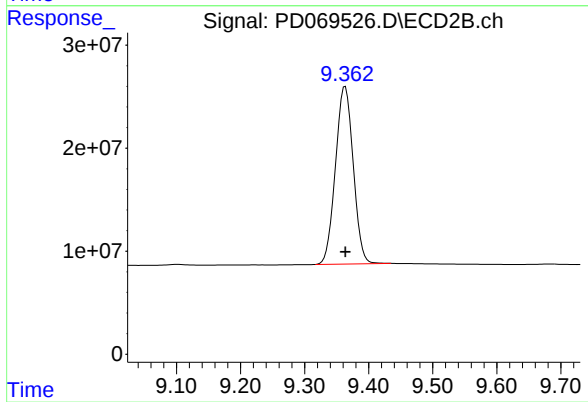
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: 0.000 min
Response: 332150496
Conc: 50.76 ng/ml