

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
 Data File : PD069540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2022 19:37
 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 03:21:17 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	58049136	517.8E6	52.292	48.296
28)	SA Decachlor...	8.196	9.364	63176835	335.5E6	50.596	51.266
Target Compounds							
2)	A alpha-BHC	3.882	4.568	89139808	777.0E6	54.627	50.389
3)	MA gamma-BHC...	4.165	4.858	83927646	696.1E6	49.063	49.299
4)	MA Heptachlor	4.463	5.385	81117782	671.8E6	54.698	49.174
5)	MB Aldrin	4.710	5.697	80623593	648.4E6	55.363	49.062
6)	B beta-BHC	4.416	5.022	36392549	303.5E6	52.347	49.402
7)	B delta-BHC	4.619	5.247	81351108	586.7E6	54.840	43.746
8)	B Heptachlo...	5.153	6.085	75691618	576.7E6	55.218	48.735
9)	A Endosulfan I	5.491	6.448	69293136	548.4E6	53.695	50.774
10)	B gamma-Chl...	5.379	6.321	74833748	578.6E6	53.834	49.688m
11)	B alpha-Chl...	5.437	6.397	73866592	582.8E6	53.710	50.955
12)	B 4,4'-DDE	5.603	6.547	70046408	542.1E6	55.358	50.181
13)	MA Dieldrin	5.735	6.707	72872263	558.6E6	54.006	50.108
14)	MA Endrin	5.993	6.926	65707254	418.4E6	54.346	46.129
15)	B Endosulfa...	6.267	7.132	60877310	449.2E6	52.607	51.914
16)	A 4,4'-DDD	6.120	7.038	59358190	451.4E6	54.459	52.407
17)	MA 4,4'-DDT	6.360	7.340	58637526	450.7E6	54.538	51.959
18)	B Endrin al...	6.436	7.256	47394688	349.5E6	51.349	50.563
19)	B Endosulfa...	6.649	7.481	63750947	434.8E6	52.704	50.933
20)	A Methoxychlor	6.911	7.794	34187850	224.7E6	53.818	52.115
21)	B Endrin ke...	7.142	7.955	74156352	459.2E6	52.668	50.788
22)	Mirex	7.325	8.421	58151556	327.3E6	51.117	50.773

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
 Data File : PD069540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2022 19:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

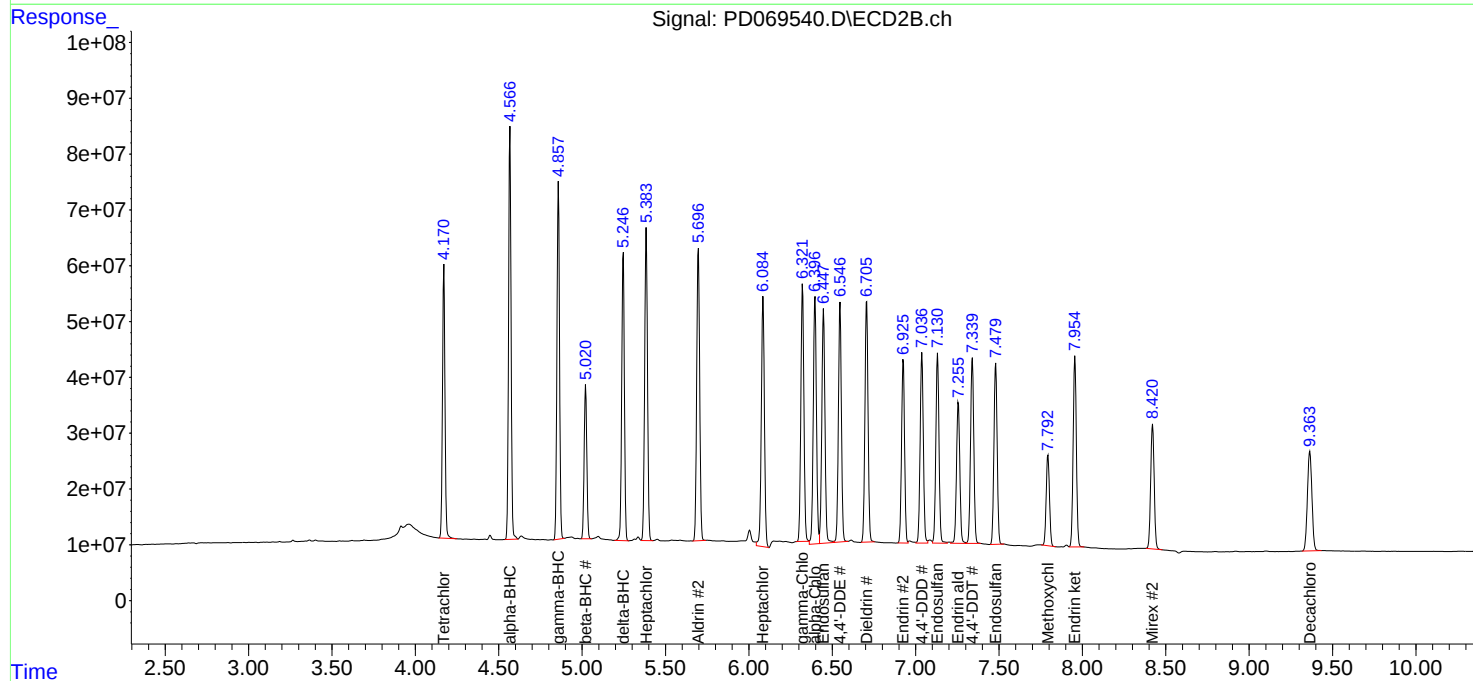
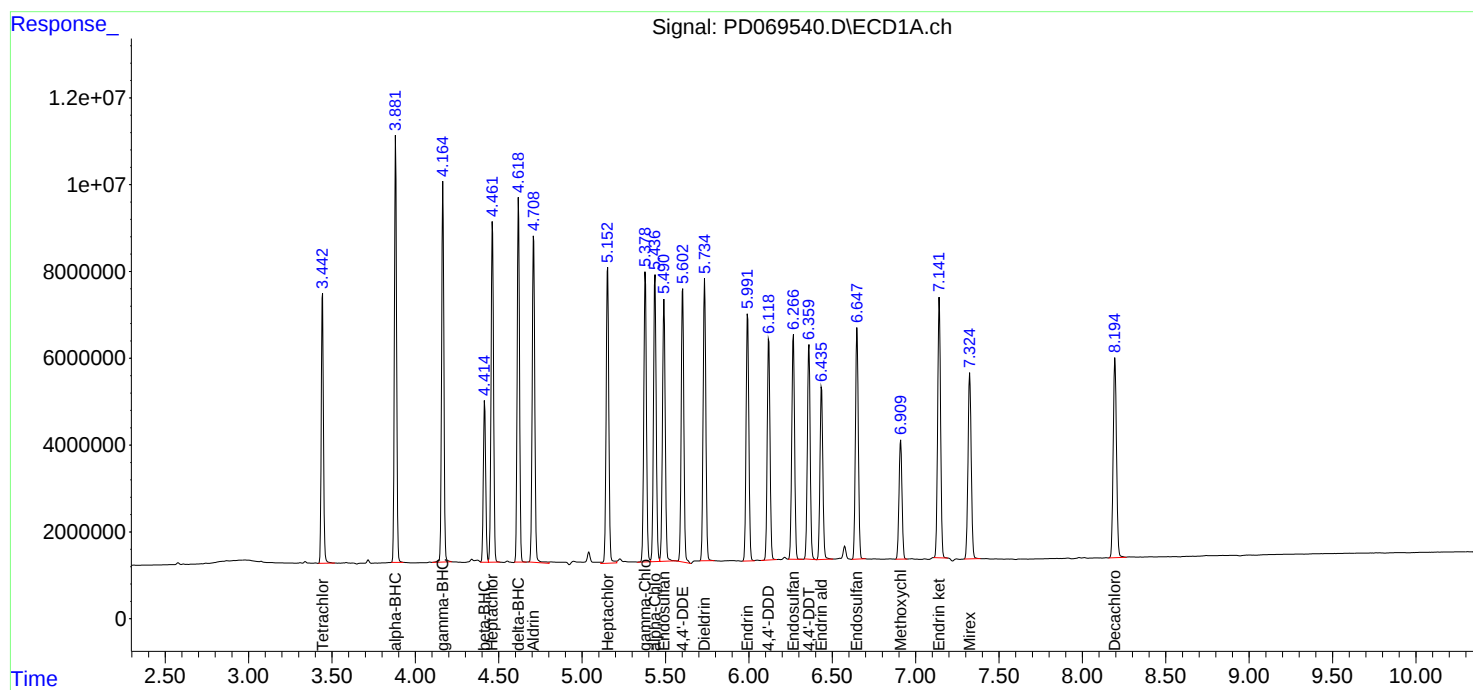
APPROVED

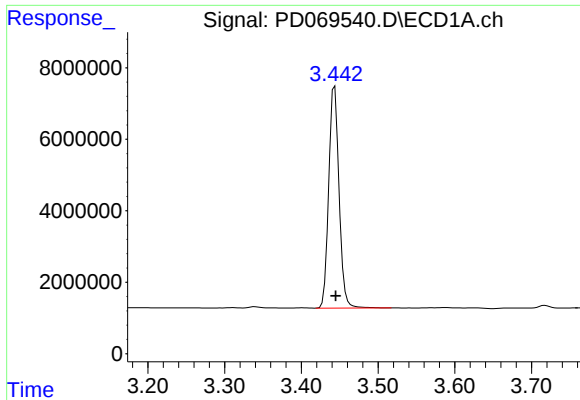
Reviewed By :Abdul Mirza 05/11/2022

Supervised By :mohammad ahmed 05/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 03:21:17 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: 58049136
Conc: 52.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

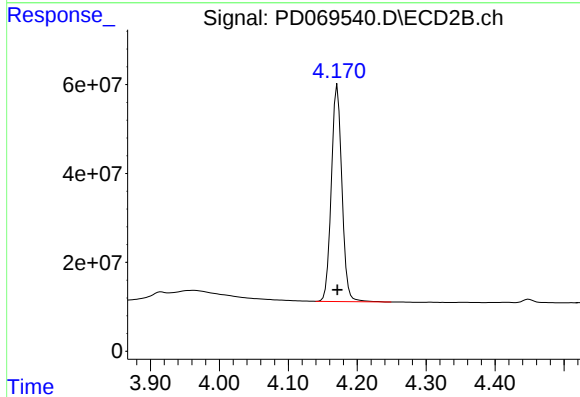
PSTDCCC050

Manual Integrations

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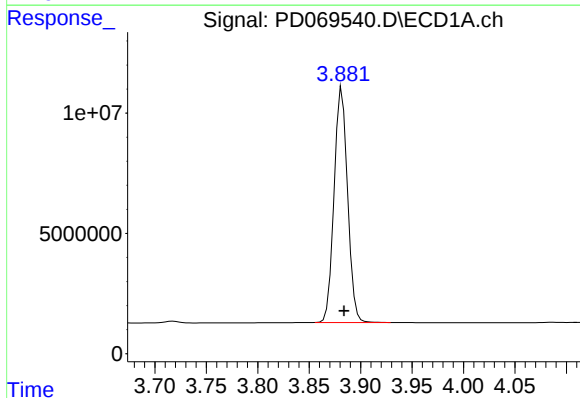
Reviewed By :Abdul Mirza 05/11/2022

Supervised By :mohammad ahmed 05/11/2022



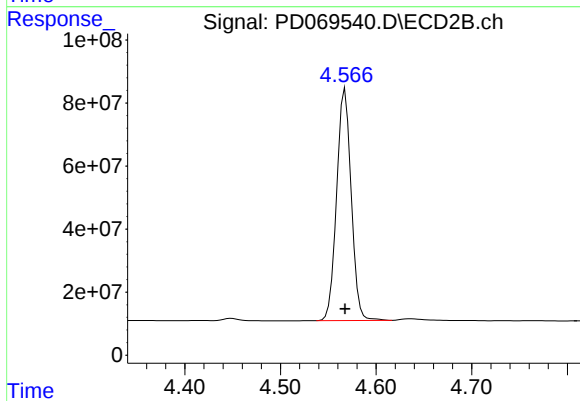
#1 Tetrachloro-m-xylene

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 517813998
Conc: 48.30 ng/ml



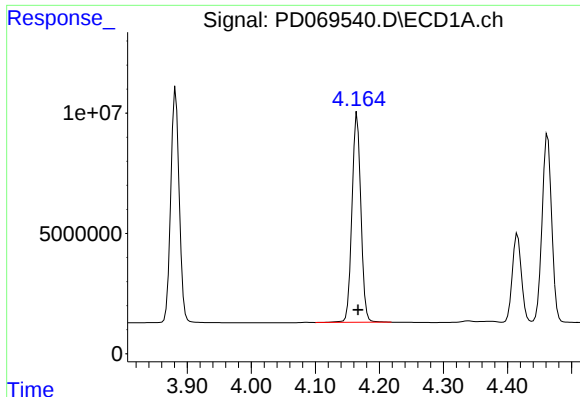
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.002 min
Response: 89139808
Conc: 54.63 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 777007519
Conc: 50.39 ng/ml



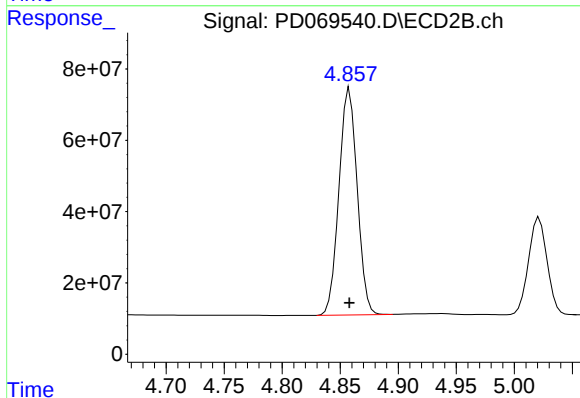
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 83927646
Conc: 49.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

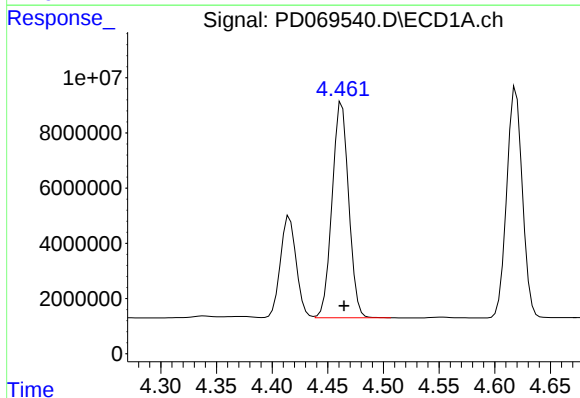
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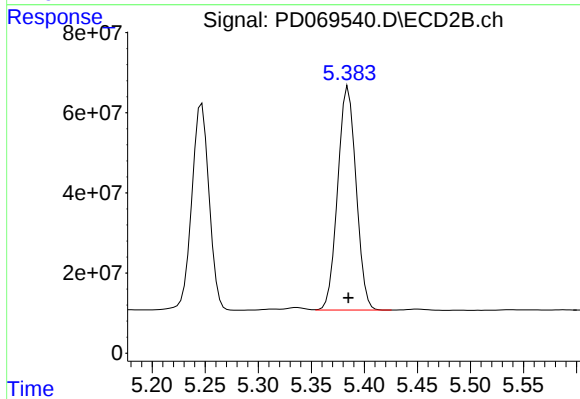
#3 gamma-BHC (Lindane)

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 696132892
Conc: 49.30 ng/ml



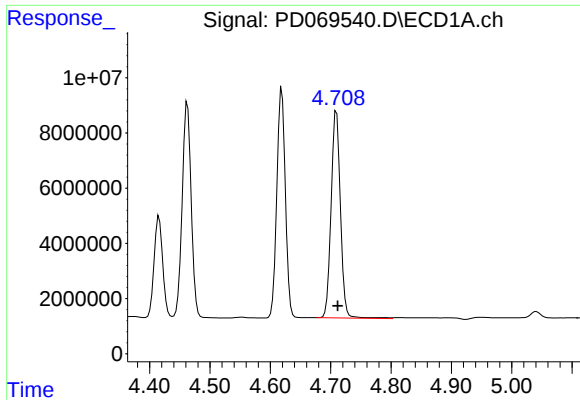
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: -0.002 min
Response: 81117782
Conc: 54.70 ng/ml



#4 Heptachlor

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 671803613
Conc: 49.17 ng/ml



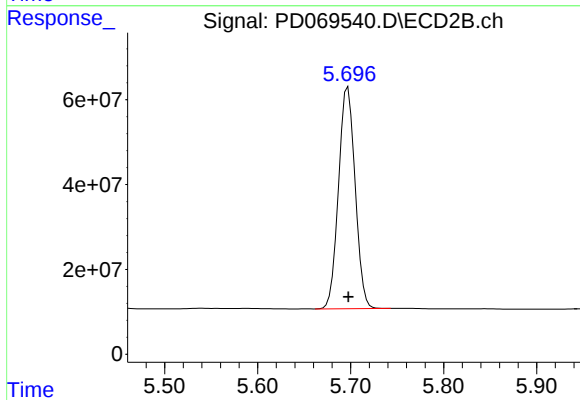
#5 Aldrin

R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 80623593
Conc: 55.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

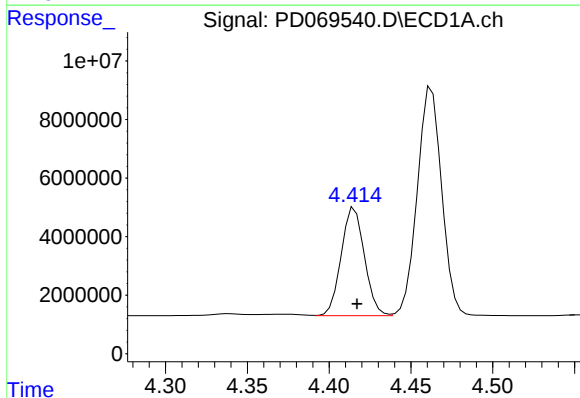
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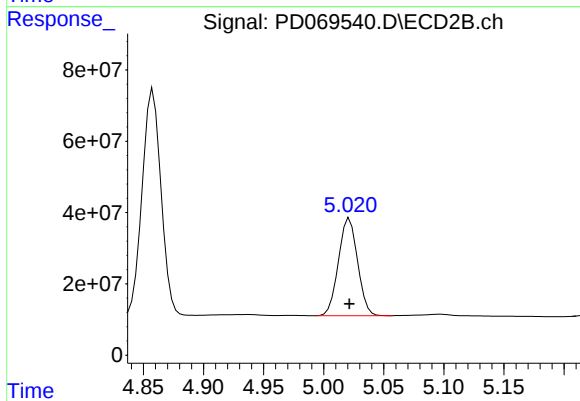
#5 Aldrin

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 648368136
Conc: 49.06 ng/ml



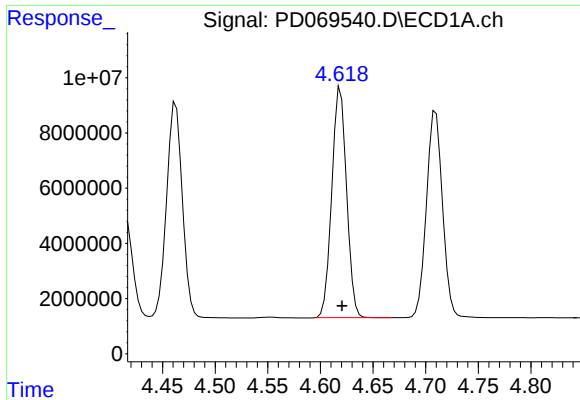
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.001 min
Response: 36392549
Conc: 52.35 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 303508050
Conc: 49.40 ng/ml



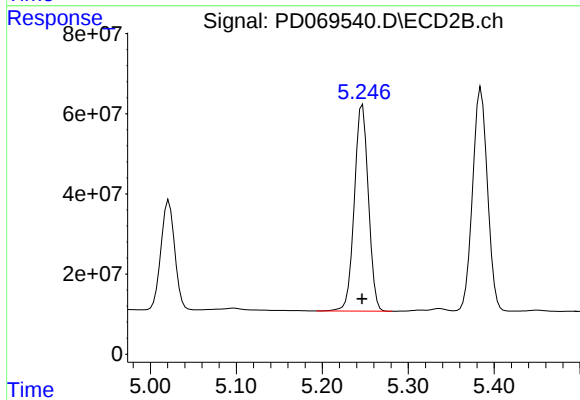
#7 delta-BHC

R.T.: 4.619 min
Delta R.T.: -0.002 min
Response: 81351108
Conc: 54.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

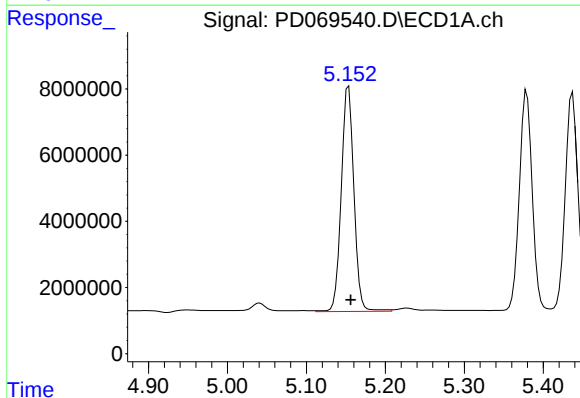
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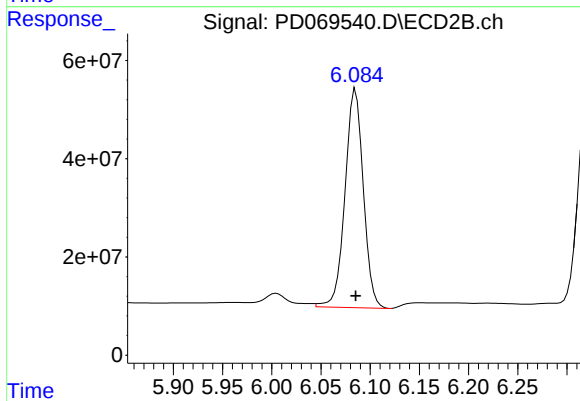
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 586670619
Conc: 43.75 ng/ml



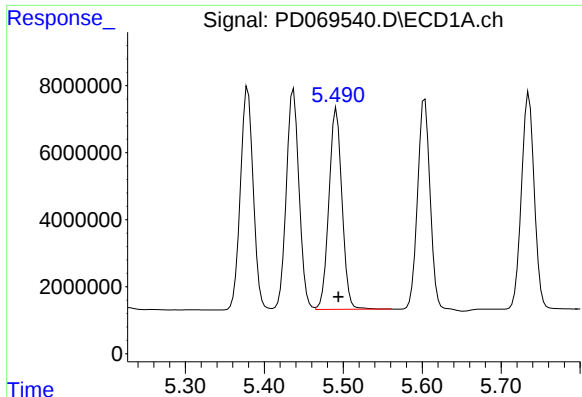
#8 Heptachlor epoxide

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 75691618
Conc: 55.22 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 576738896
Conc: 48.74 ng/ml



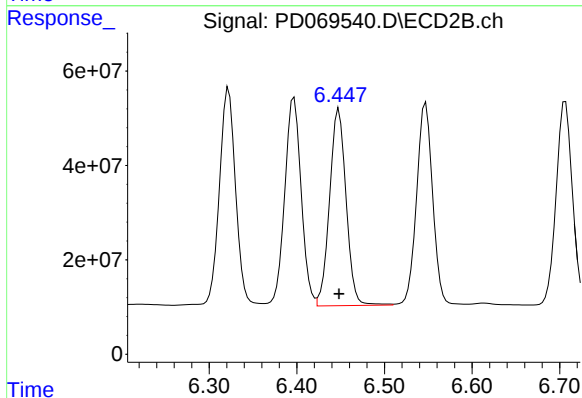
#9 Endosulfan I

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 69293136
Conc: 53.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

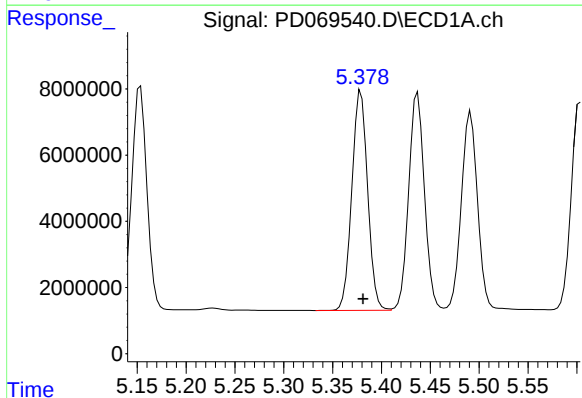
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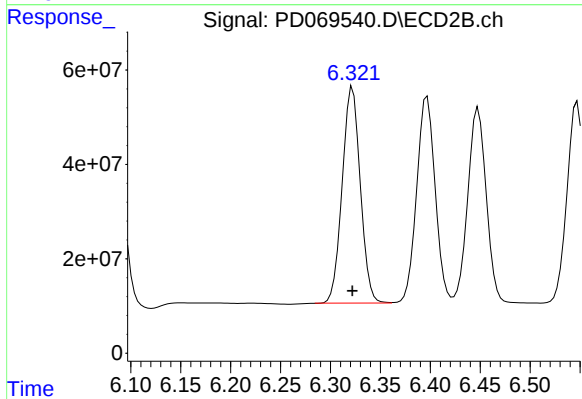
#9 Endosulfan I

R.T.: 6.448 min
Delta R.T.: 0.000 min
Response: 548359380
Conc: 50.77 ng/ml



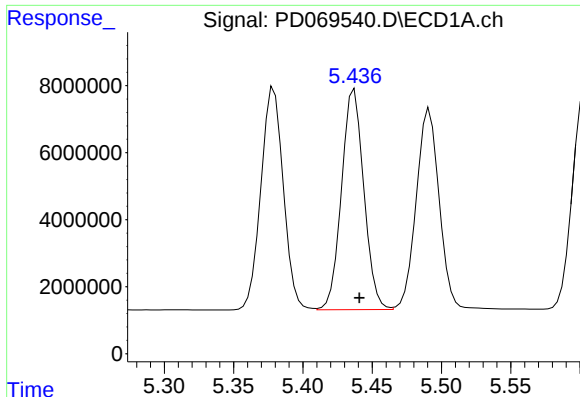
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: -0.002 min
Response: 74833748
Conc: 53.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 578573391
Conc: 49.69 ng/ml m



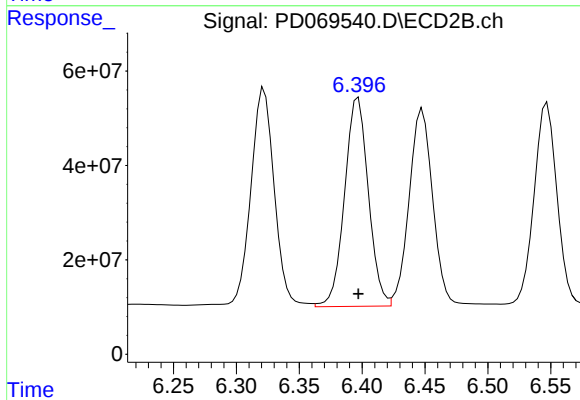
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 73866592
Conc: 53.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

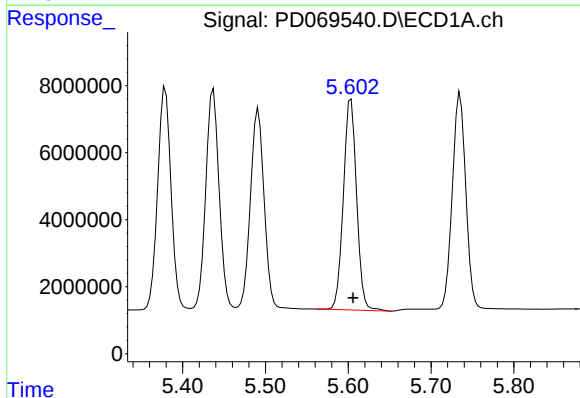
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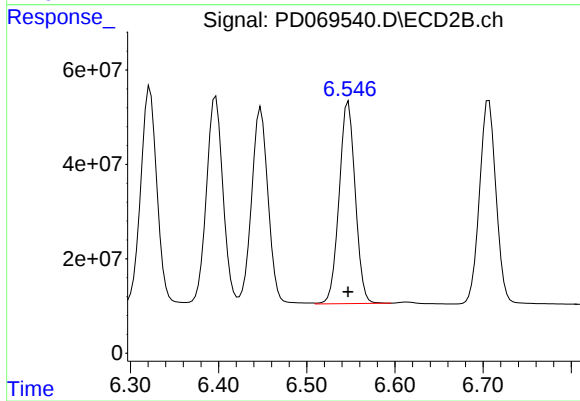
#11 alpha-Chlordane

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 582798993
Conc: 50.96 ng/ml



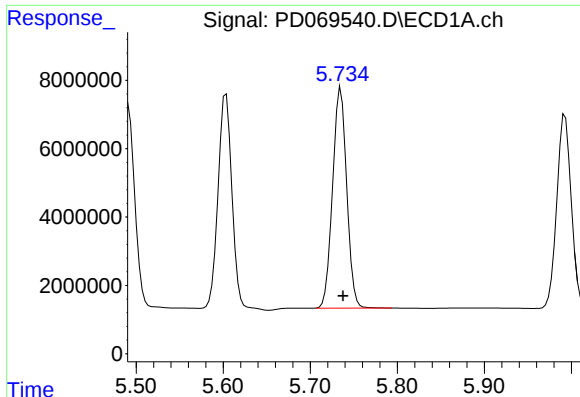
#12 4,4'-DDE

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 70046408
Conc: 55.36 ng/ml



#12 4,4'-DDE

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 542076135
Conc: 50.18 ng/ml



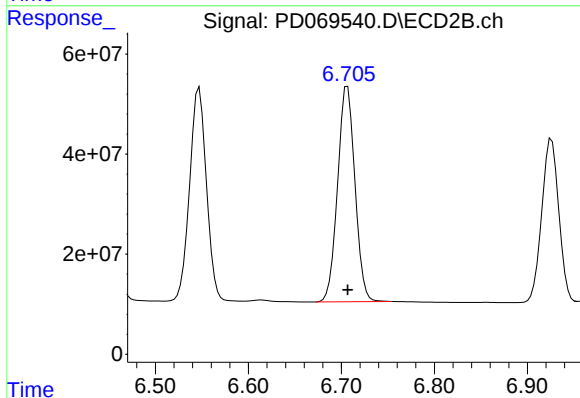
#13 Dieldrin

R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 72872263
Conc: 54.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

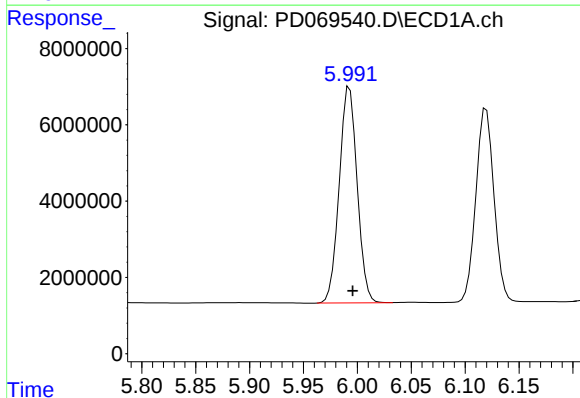
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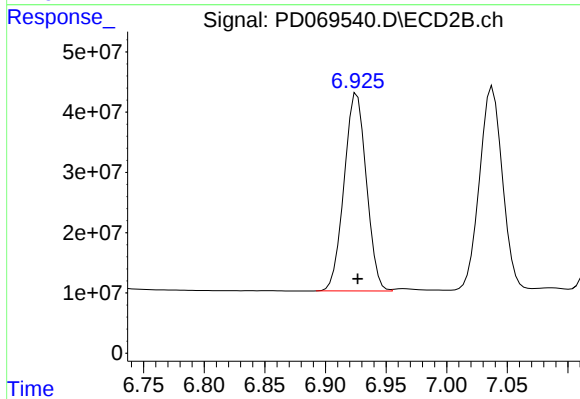
#13 Dieldrin

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 558603568
Conc: 50.11 ng/ml



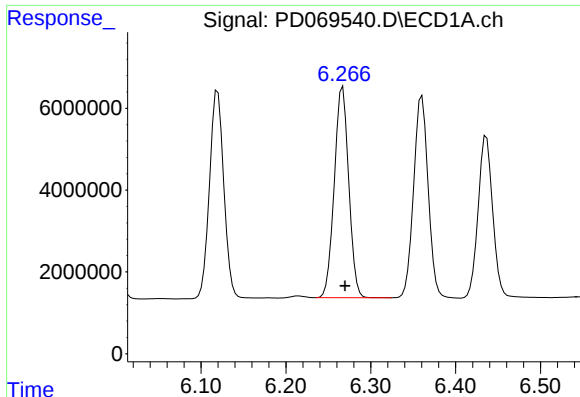
#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 65707254
Conc: 54.35 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 418402979
Conc: 46.13 ng/ml



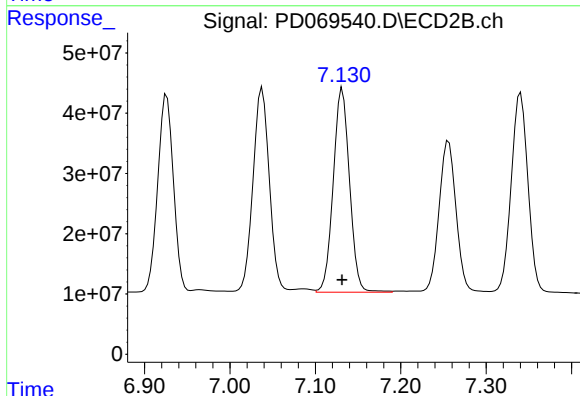
#15 Endosulfan II

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 60877310
Conc: 52.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

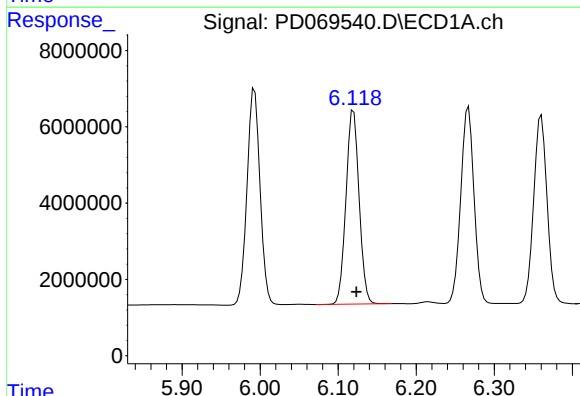
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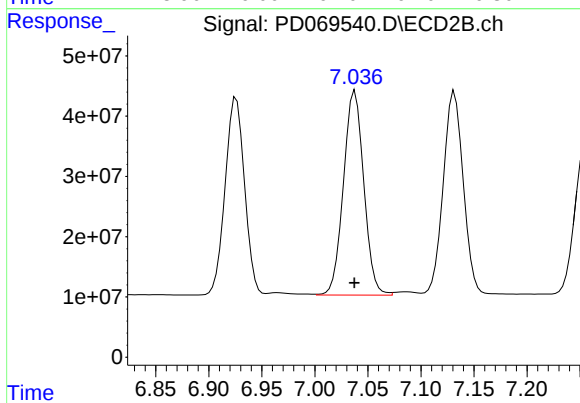
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 449155114
Conc: 51.91 ng/ml



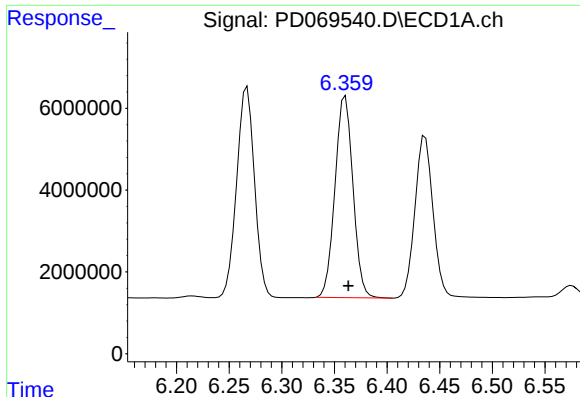
#16 4,4'-DDD

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 59358190
Conc: 54.46 ng/ml



#16 4,4'-DDD

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 451404802
Conc: 52.41 ng/ml



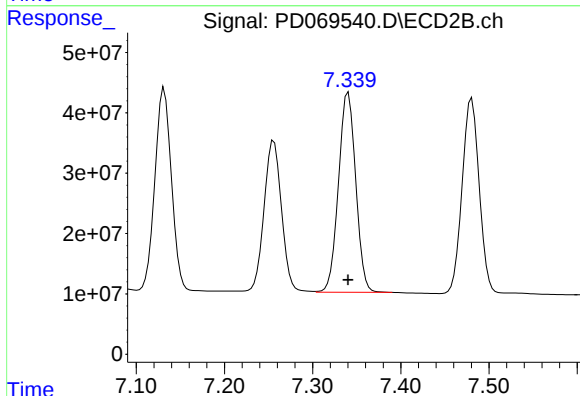
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: -0.003 min
Response: 58637526
Conc: 54.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

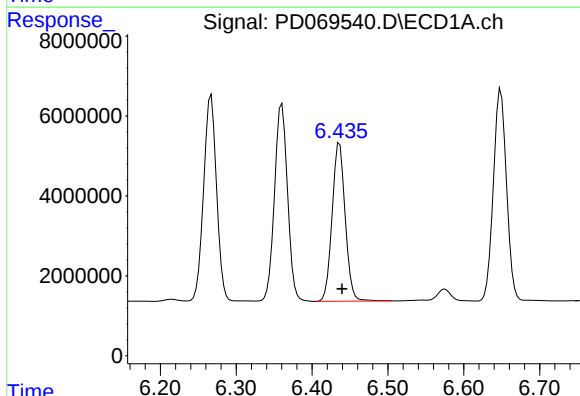
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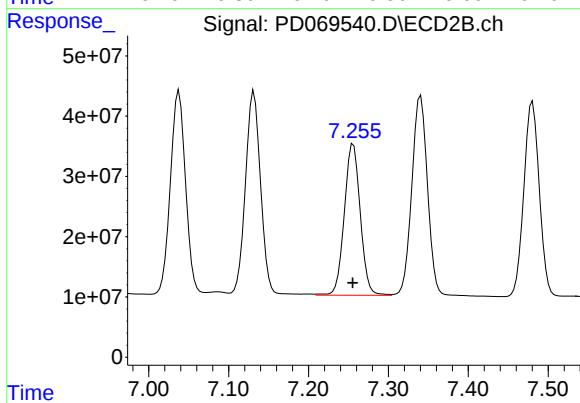
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 450683910
Conc: 51.96 ng/ml



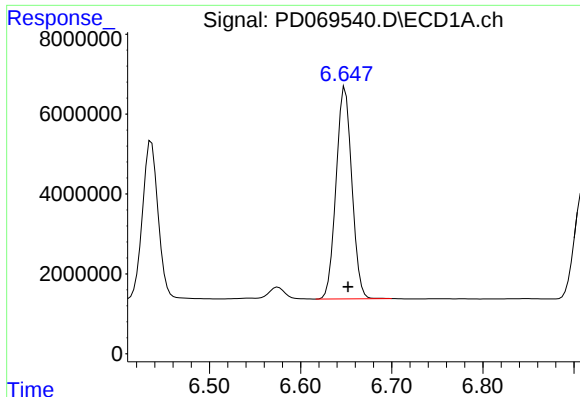
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: -0.003 min
Response: 47394688
Conc: 51.35 ng/ml



#18 Endrin aldehyde

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 349545464
Conc: 50.56 ng/ml



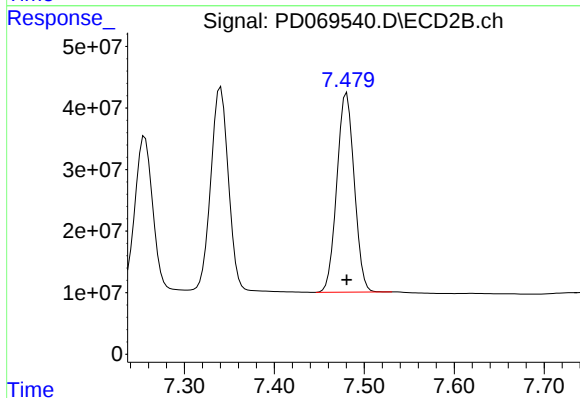
#19 Endosulfan Sulfate

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 63750947
Conc: 52.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

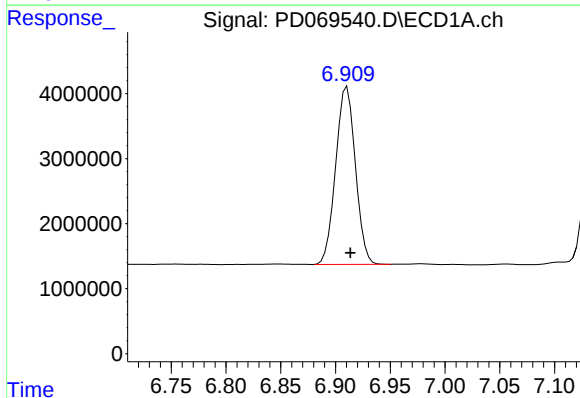
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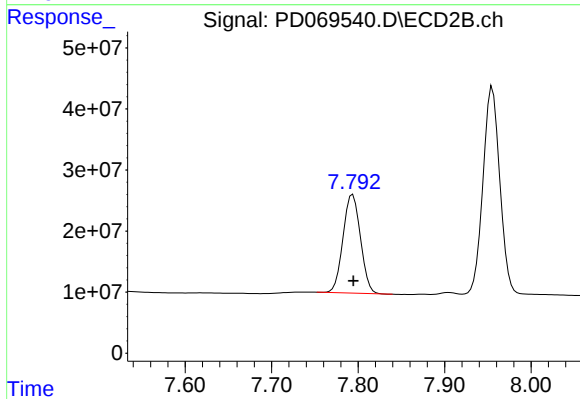
#19 Endosulfan Sulfate

R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 434791141
Conc: 50.93 ng/ml



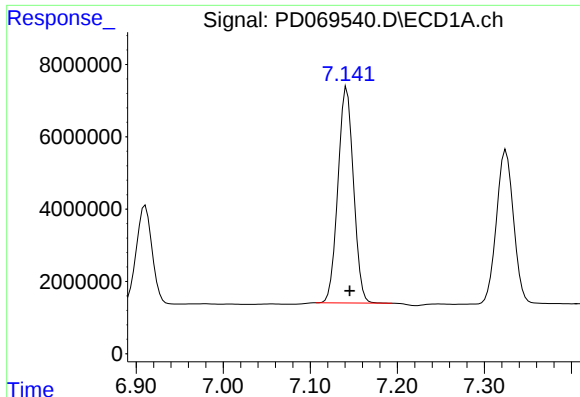
#20 Methoxychlor

R.T.: 6.911 min
Delta R.T.: -0.003 min
Response: 34187850
Conc: 53.82 ng/ml



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: 0.000 min
Response: 224673209
Conc: 52.12 ng/ml



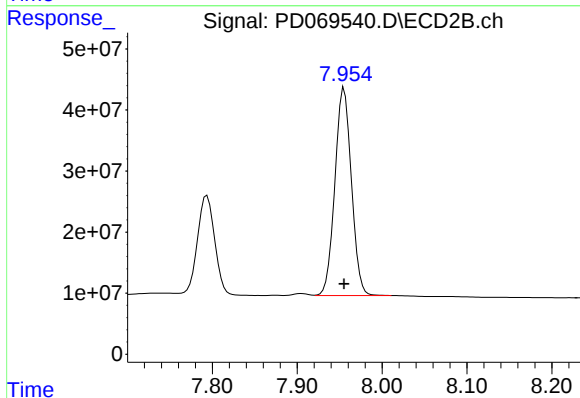
#21 Endrin ketone

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 74156352
Conc: 52.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

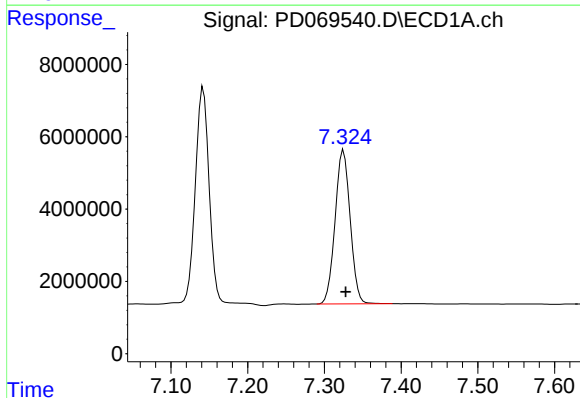
Manual Integrations
APPROVED

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



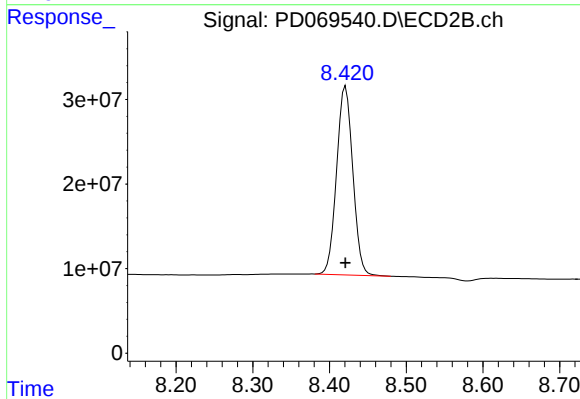
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 459201798
Conc: 50.79 ng/ml



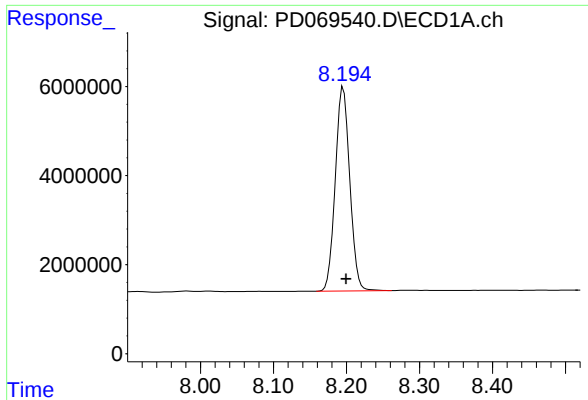
#22 Mirex

R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 58151556
Conc: 51.12 ng/ml



#22 Mirex

R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 327303617
Conc: 50.77 ng/ml



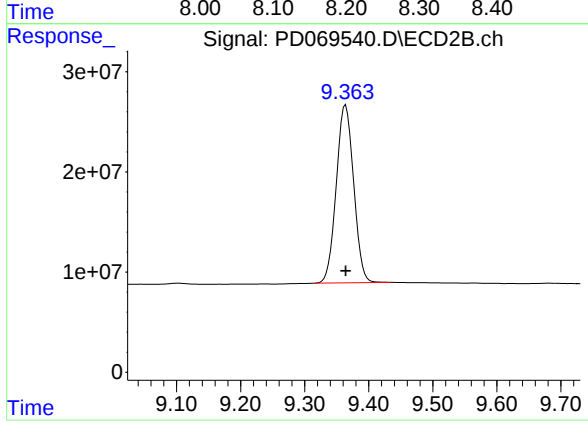
#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.004 min
Response: 63176835
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 05/11/2022



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.000 min
Response: 335484057
Conc: 51.27 ng/ml