

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
 Data File : PD069562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2022 02:08
 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 03:26:39 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 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...	3.443	4.171	59044824	530.0E6	53.189	49.436
28)	SA Decachlor...	8.196	9.363	63921245	342.6E6	51.193	52.355
Target Compounds							
2)	A alpha-BHC	3.882	4.567	91055292	796.3E6	55.801	51.641
3)	MA gamma-BHC...	4.165	4.857	86039465	709.9E6	50.298	50.277
4)	MA Heptachlor	4.462	5.384	81892194	681.2E6	55.220	49.861
5)	MB Aldrin	4.709	5.697	82168638	664.5E6	56.424	50.285
6)	B beta-BHC	4.415	5.021	37013696	309.0E6	53.240	50.292
7)	B delta-BHC	4.619	5.246	82898315	604.1E6	55.883	45.042
8)	B Heptachlo...	5.153	6.085	76908819	604.0E6	56.106	51.043
9)	A Endosulfan I	5.491	6.447	70253630	565.2E6	54.440	52.331
10)	B gamma-Chl...	5.379	6.320	76207272	591.6E6	54.822	50.803m
11)	B alpha-Chl...	5.437	6.396	74857071	599.7E6	54.430	52.428
12)	B 4,4'-DDE	5.603	6.546	71208748	554.7E6	56.277	51.350
13)	MA Dieldrin	5.735	6.706	73894936	570.1E6	54.764	51.139
14)	MA Endrin	5.993	6.926	65635585	419.1E6	54.286	46.203
15)	B Endosulfa...	6.267	7.132	61893990	466.0E6	53.486	53.859
16)	A 4,4'-DDD	6.120	7.037	60773011	467.5E6	55.757	54.281
17)	MA 4,4'-DDT	6.360	7.340	58083657	457.1E6	54.023	52.698
18)	B Endrin al...	6.436	7.255	48504208	362.3E6	52.551	52.410
19)	B Endosulfa...	6.649	7.480	64764421	441.7E6	53.541	51.747
20)	A Methoxychlor	6.911	7.793	34107044	225.9E6	53.691	52.407
21)	B Endrin ke...	7.142	7.955	75498538	472.3E6	53.621	52.239
22)	Mirex	7.325	8.421	58668760	333.2E6	51.571	51.683

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051122\
Data File : PD069562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2022 02:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

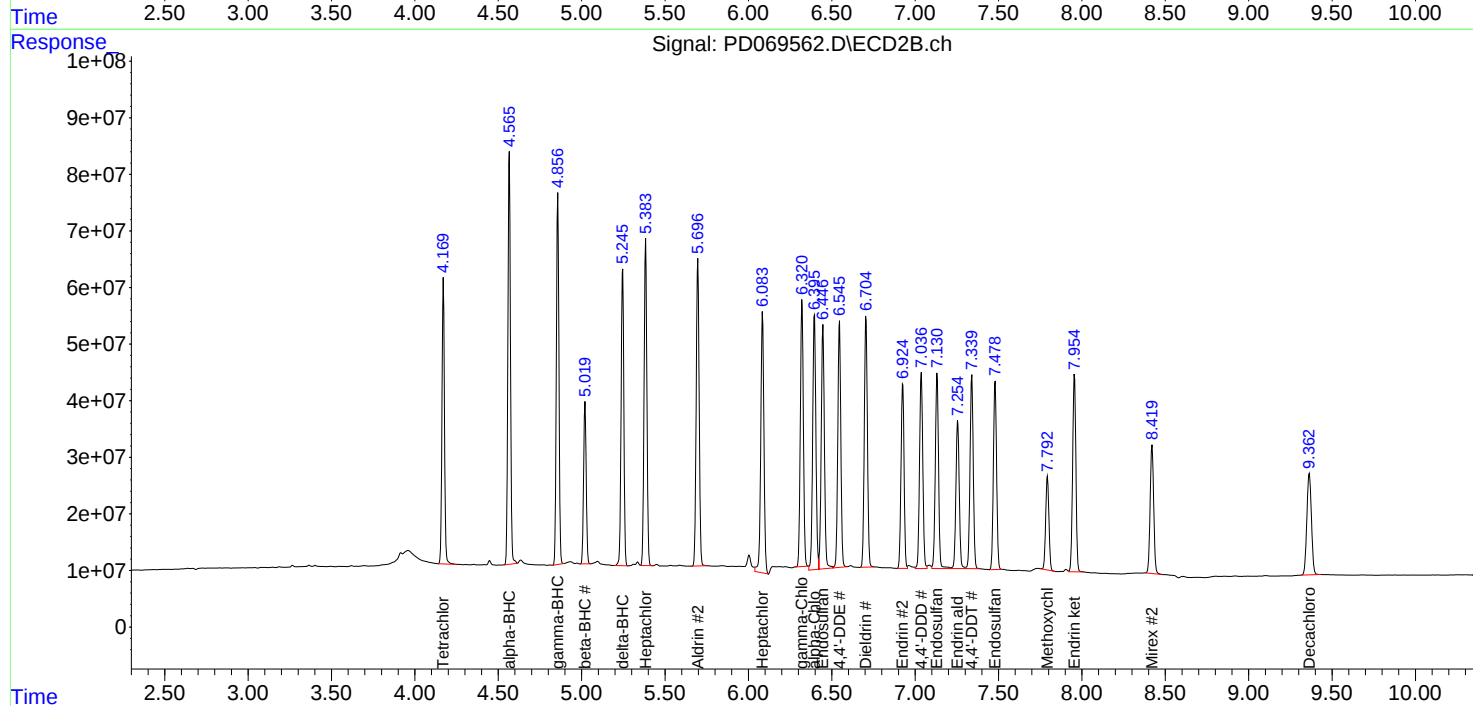
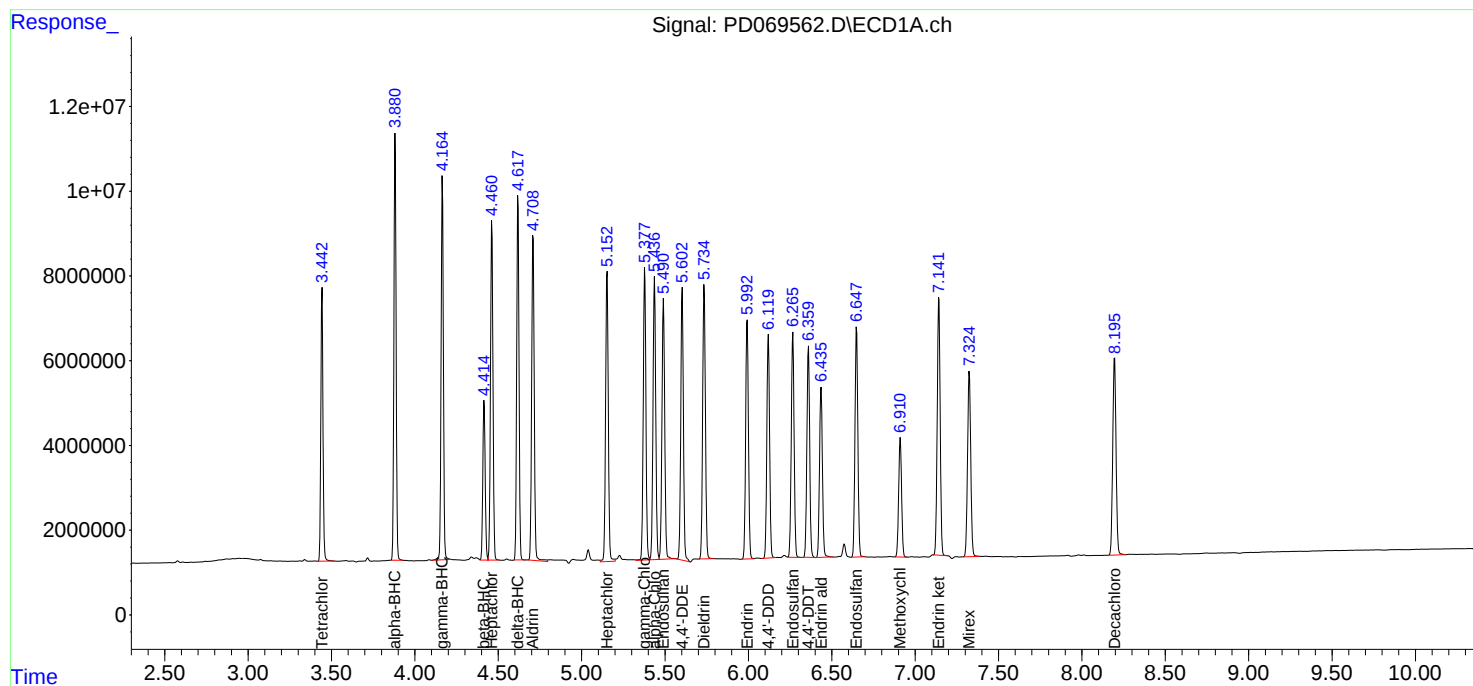
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

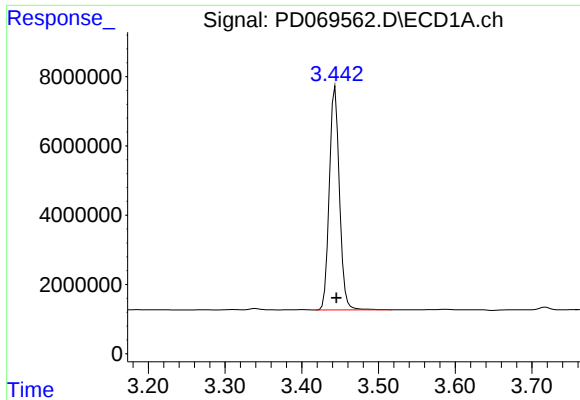
Manual Integrations
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Supervised By : mohammad ahmed 05/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 03:26:39 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





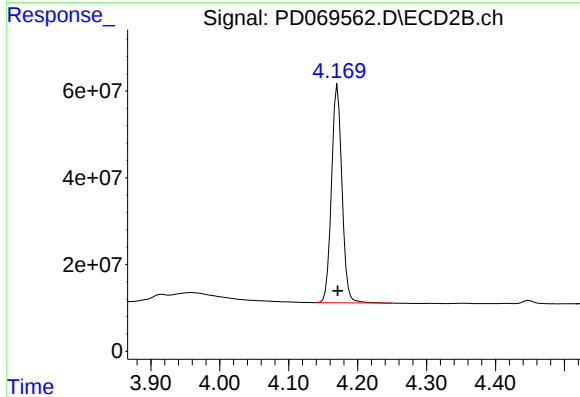
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: -0.002 min
Response: 59044824
Conc: 53.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

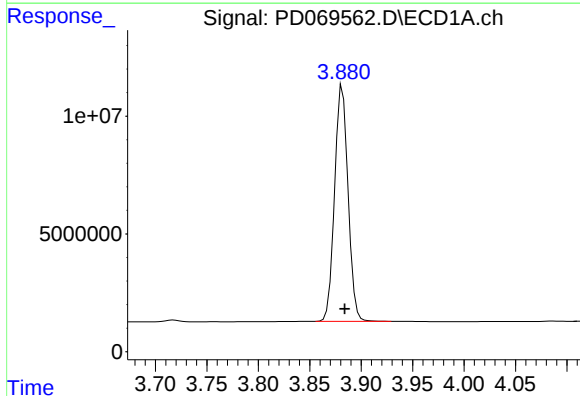
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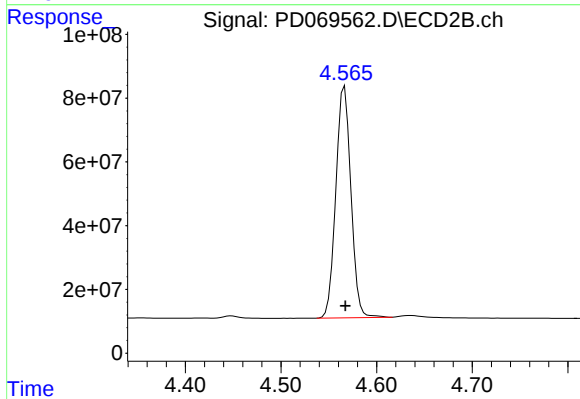
#1 Tetrachloro-m-xylene

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 530030627
Conc: 49.44 ng/ml



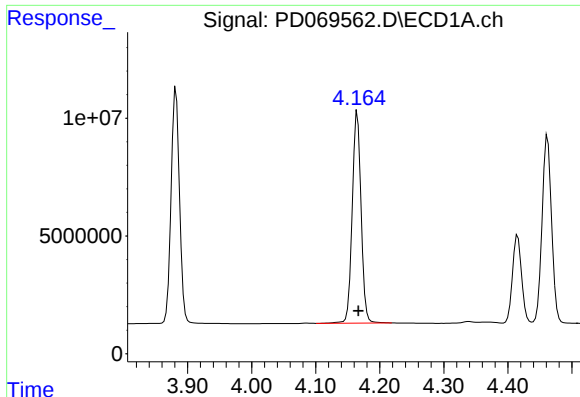
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.002 min
Response: 91055292
Conc: 55.80 ng/ml



#2 alpha-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 796308534
Conc: 51.64 ng/ml



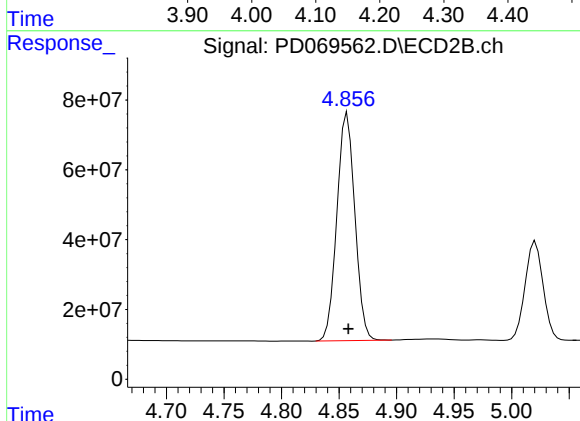
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: -0.002 min
Response: 86039465
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

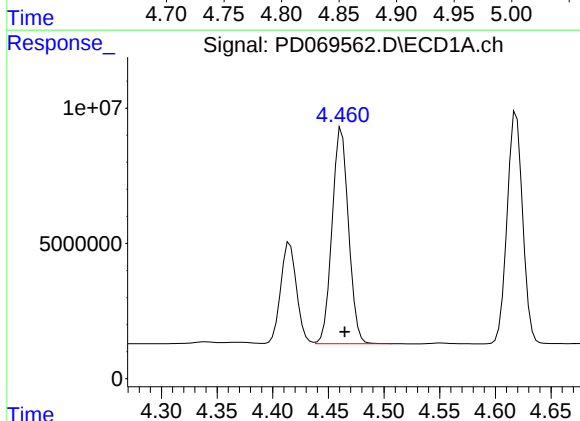
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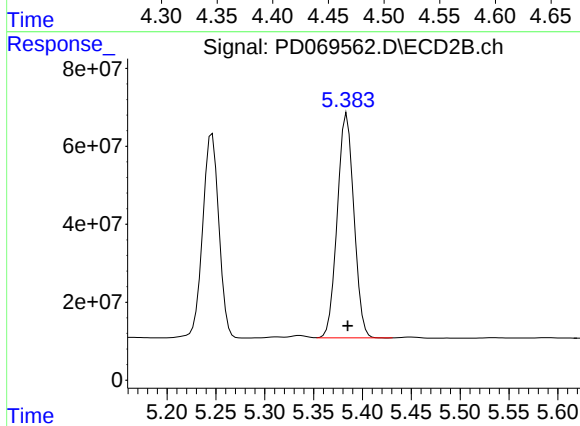
#3 gamma-BHC (Lindane)

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 709940196
Conc: 50.28 ng/ml



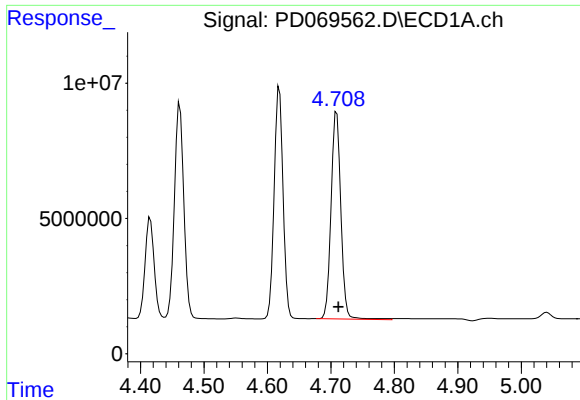
#4 Heptachlor

R.T.: 4.462 min
Delta R.T.: -0.003 min
Response: 81892194
Conc: 55.22 ng/ml



#4 Heptachlor

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 681183881
Conc: 49.86 ng/ml



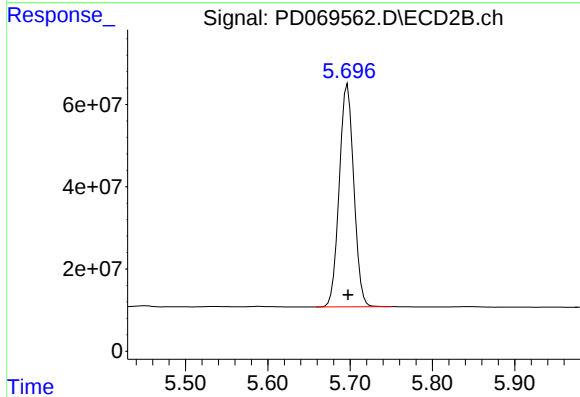
#5 Aldrin

R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 82168638
Conc: 56.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

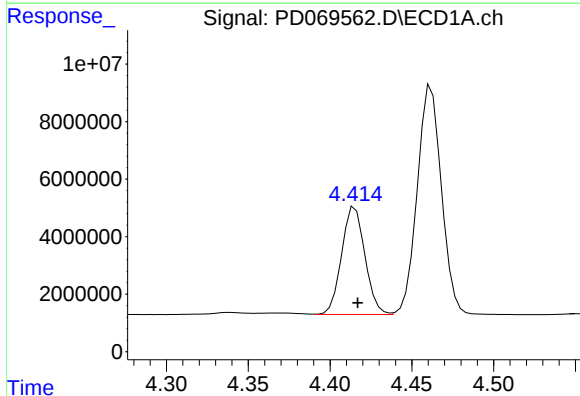
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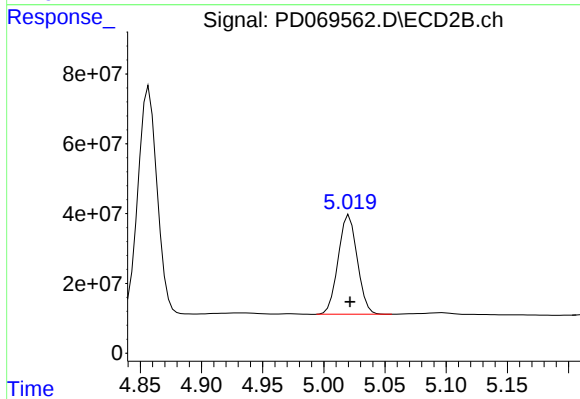
#5 Aldrin

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 664529138
Conc: 50.29 ng/ml



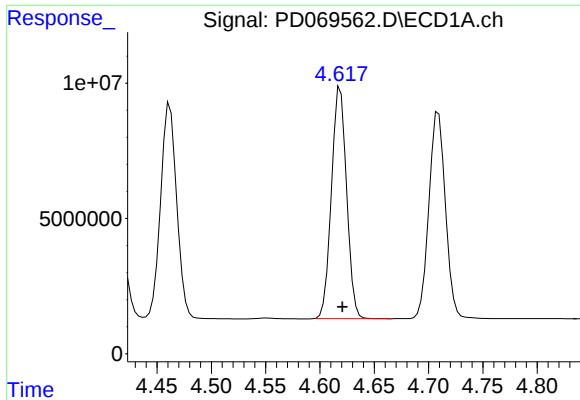
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 37013696
Conc: 53.24 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 308971627
Conc: 50.29 ng/ml



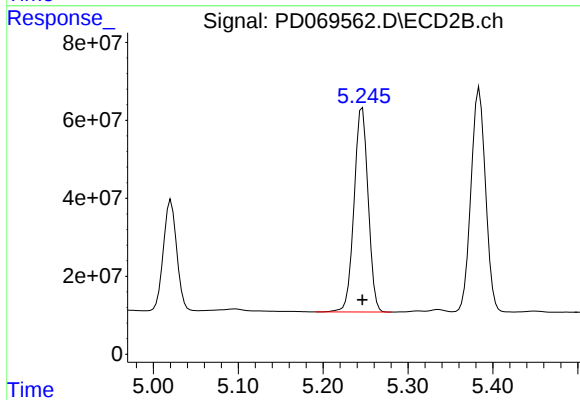
#7 delta-BHC

R.T.: 4.619 min
Delta R.T.: -0.002 min
Response: 82898315
Conc: 55.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

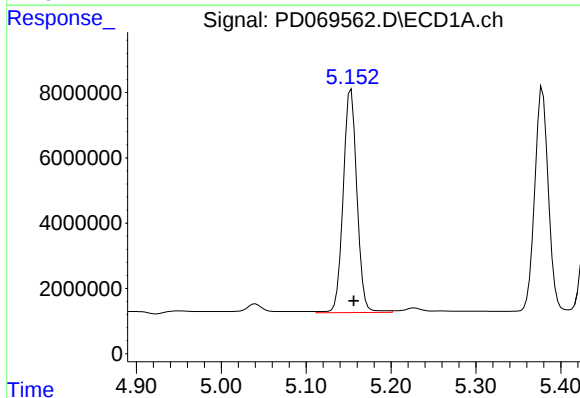
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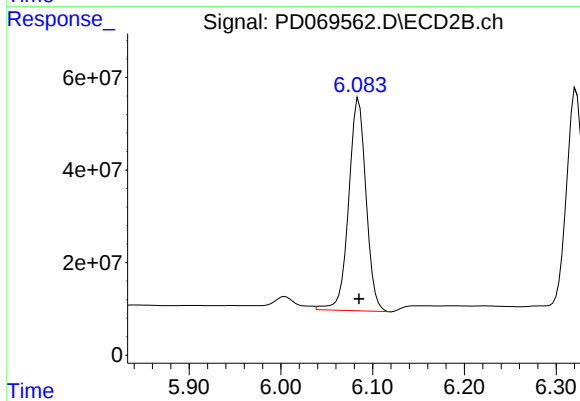
#7 delta-BHC

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 604055639
Conc: 45.04 ng/ml



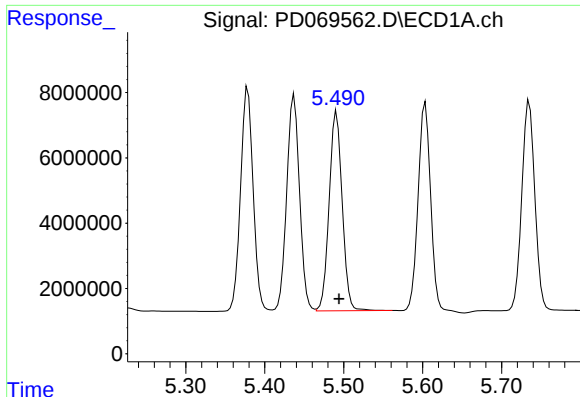
#8 Heptachlor epoxide

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 76908819
Conc: 56.11 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 604049093
Conc: 51.04 ng/ml



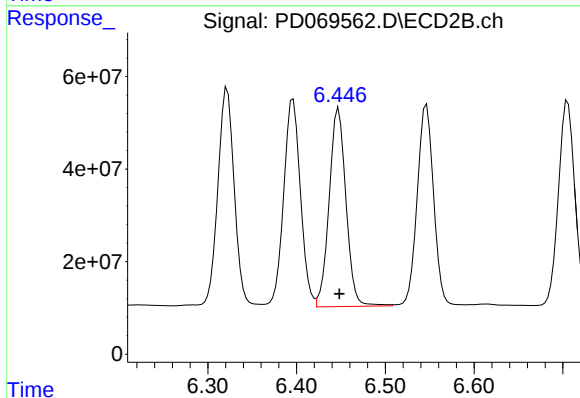
#9 Endosulfan I

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 70253630
Conc: 54.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

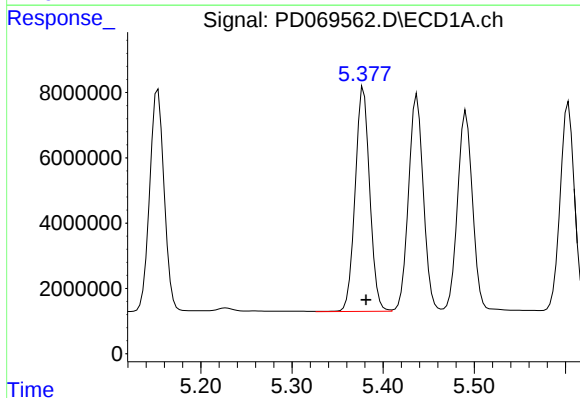
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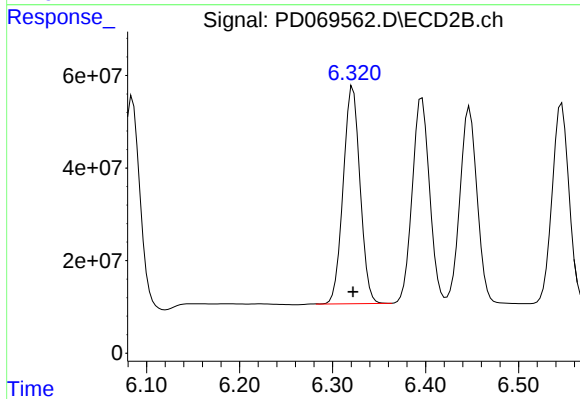
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 565180679
Conc: 52.33 ng/ml



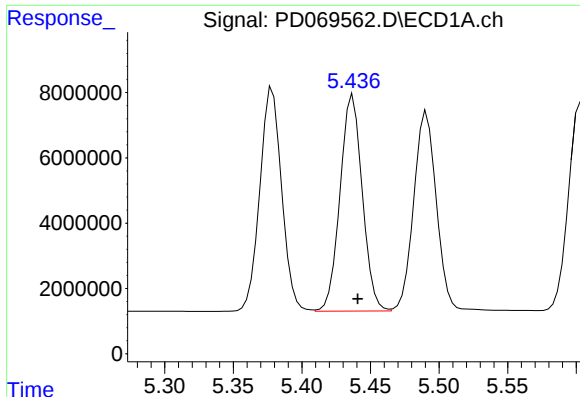
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 76207272
Conc: 54.82 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 591560457
Conc: 50.80 ng/ml m



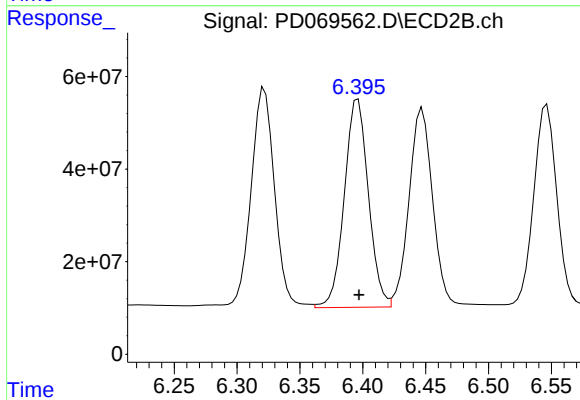
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 74857071
Conc: 54.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

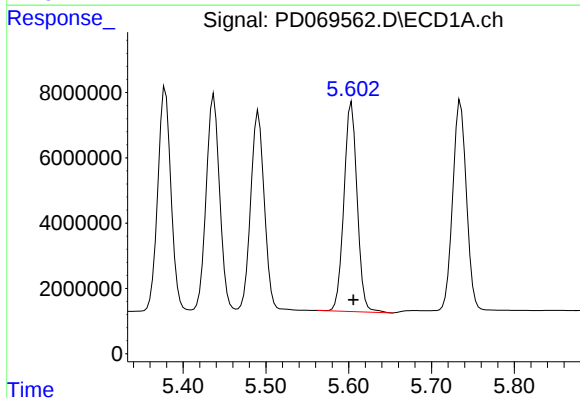
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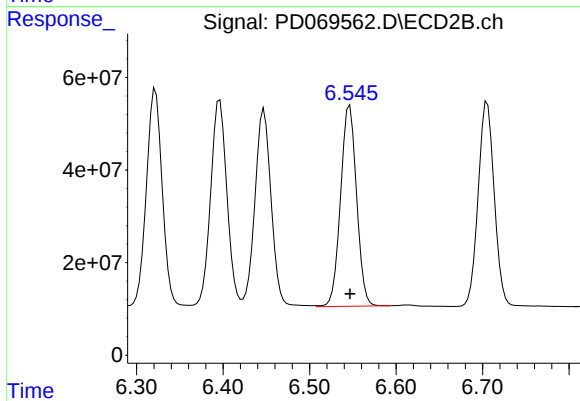
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 599650864
Conc: 52.43 ng/ml



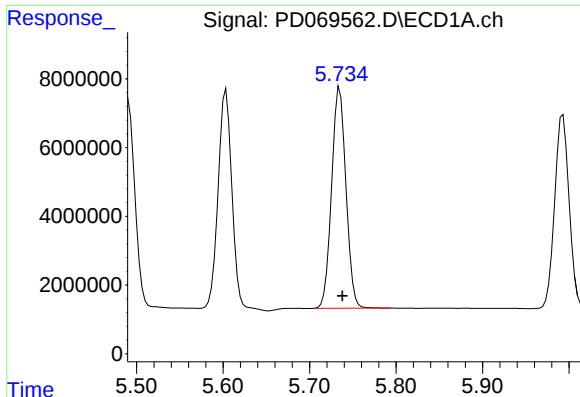
#12 4,4'-DDE

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 71208748
Conc: 56.28 ng/ml



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 554704348
Conc: 51.35 ng/ml



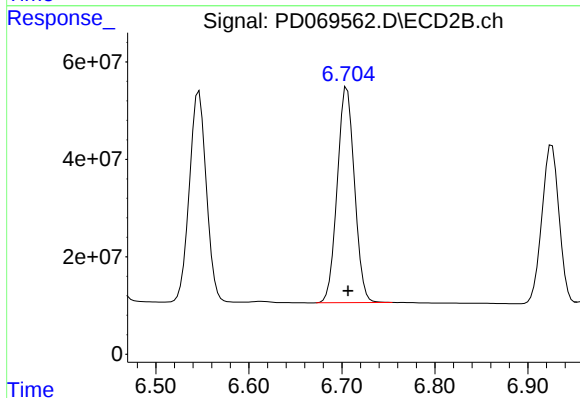
#13 Dieldrin

R.T.: 5.735 min
Delta R.T.: -0.003 min
Response: 73894936
Conc: 54.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

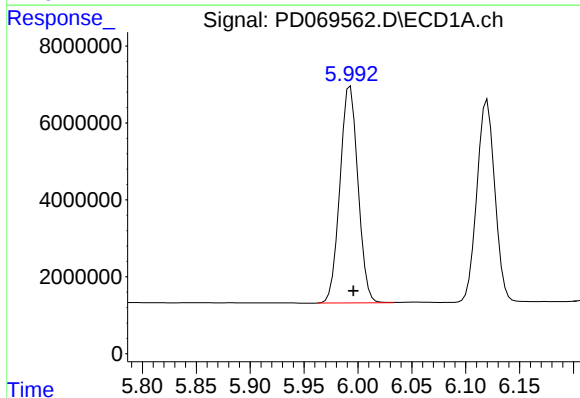
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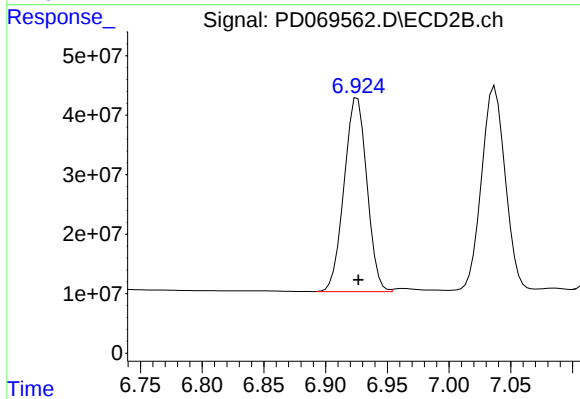
#13 Dieldrin

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 570098260
Conc: 51.14 ng/ml



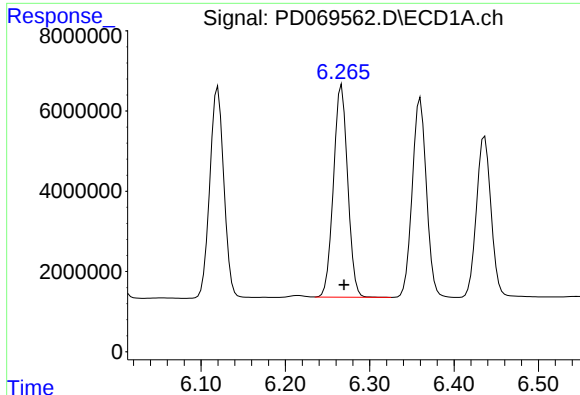
#14 Endrin

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 65635585
Conc: 54.29 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 419069025
Conc: 46.20 ng/ml



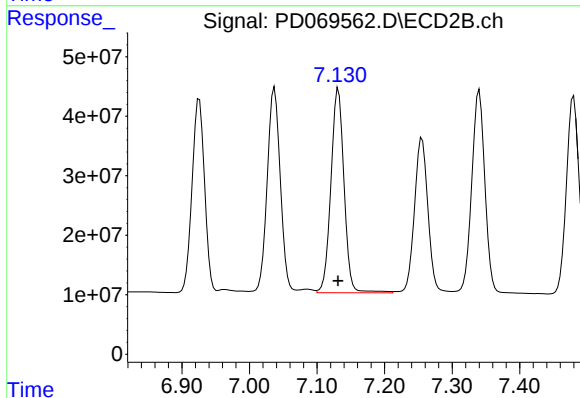
#15 Endosulfan II

R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 61893990
Conc: 53.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

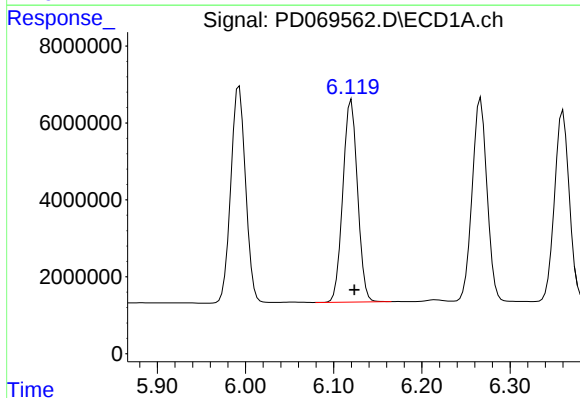
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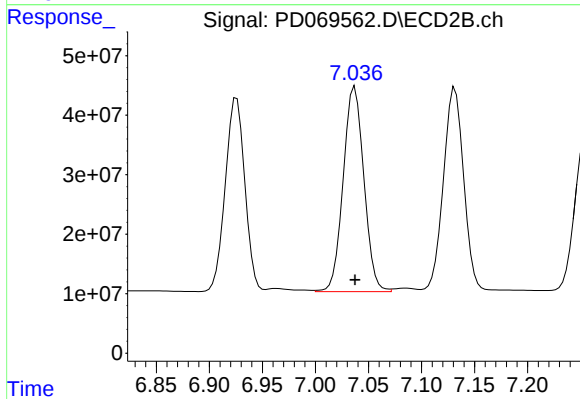
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 465982468
Conc: 53.86 ng/ml



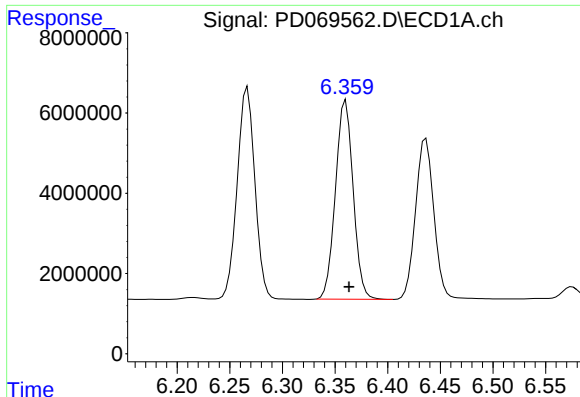
#16 4,4'-DDD

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 60773011
Conc: 55.76 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 467546988
Conc: 54.28 ng/ml



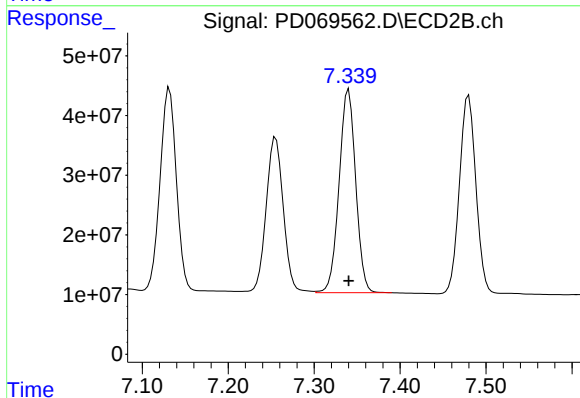
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: -0.003 min
Response: 58083657
Conc: 54.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

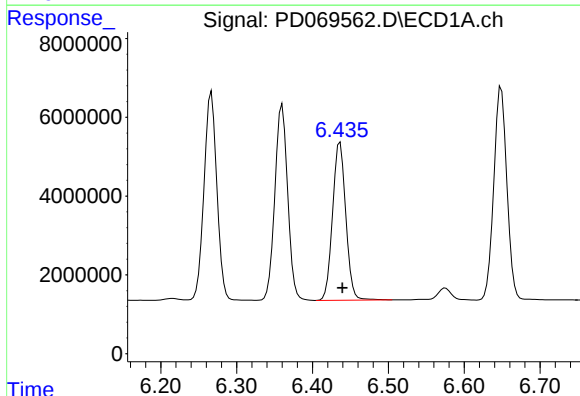
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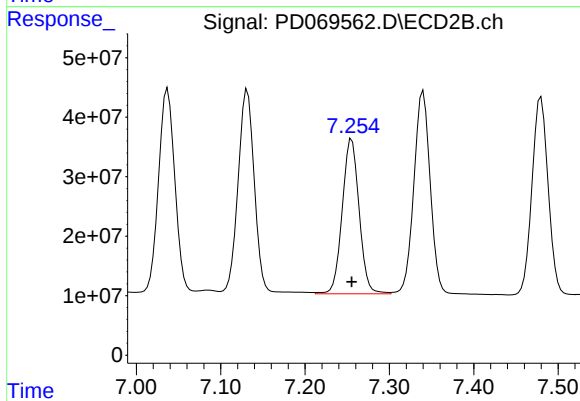
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 457092555
Conc: 52.70 ng/ml



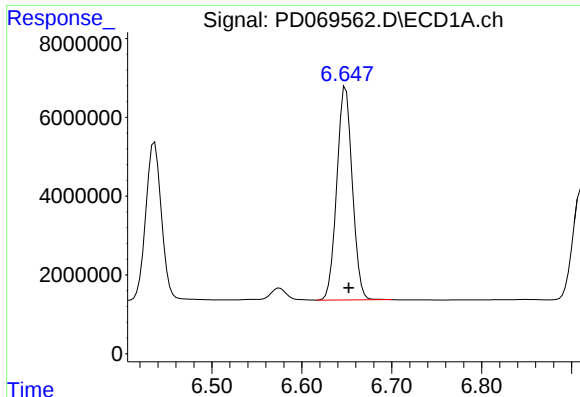
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: -0.003 min
Response: 48504208
Conc: 52.55 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 362314581
Conc: 52.41 ng/ml



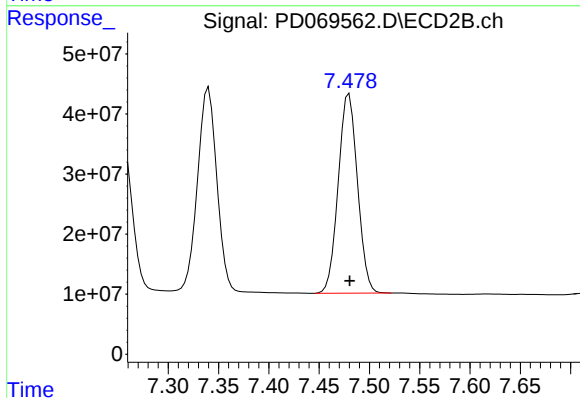
#19 Endosulfan Sulfate

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 64764421
Conc: 53.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

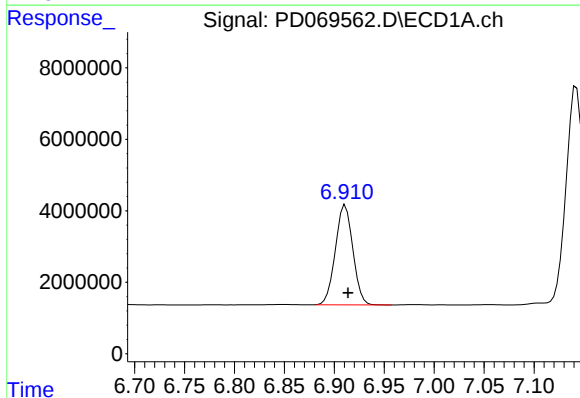
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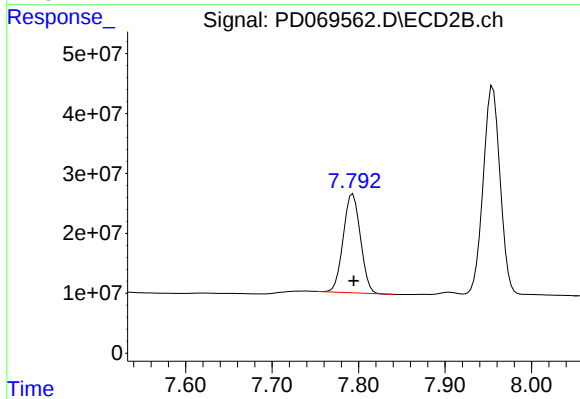
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 441743554
Conc: 51.75 ng/ml



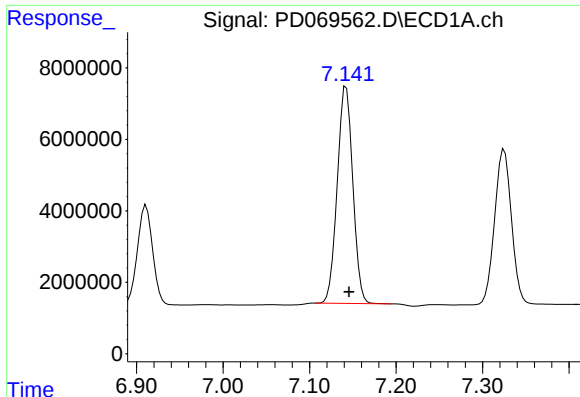
#20 Methoxychlor

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 34107044
Conc: 53.69 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: -0.001 min
Response: 225929266
Conc: 52.41 ng/ml



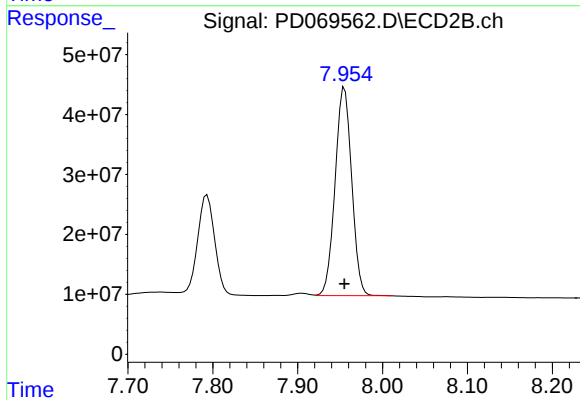
#21 Endrin ketone

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 75498538
Conc: 53.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

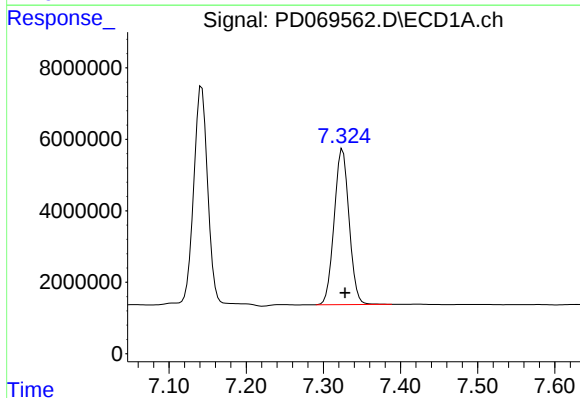
Manual Integrations
APPROVED

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



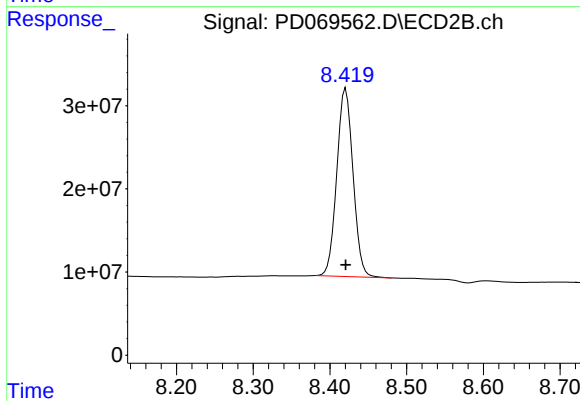
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 472324860
Conc: 52.24 ng/ml



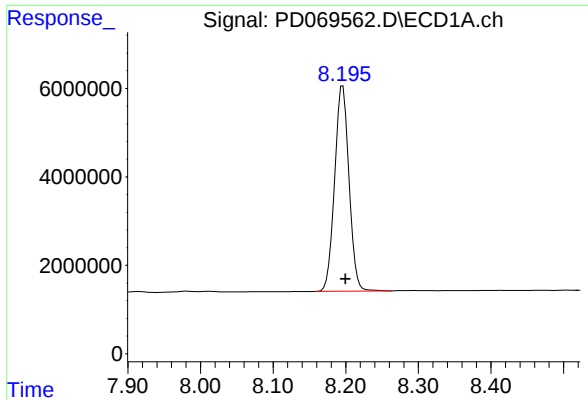
#22 Mirex

R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 58668760
Conc: 51.57 ng/ml



#22 Mirex

R.T.: 8.421 min
Delta R.T.: 0.000 min
Response: 333169573
Conc: 51.68 ng/ml



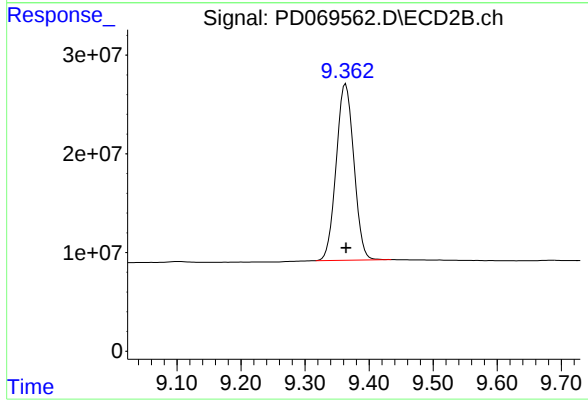
#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 63921245
Conc: 51.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/11/2022



#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: 0.000 min
Response: 342612066
Conc: 52.36 ng/ml