

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2022 09:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 08:02:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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...	3.444	4.172	55308878	534.0E6	55.194	55.890
28)	SA Decachlor...	8.195	9.366	54488181	312.1E6	50.515	52.081
Target Compounds							
2)	A alpha-BHC	3.883	4.568	86699483	791.3E6	58.053	56.731
3)	MA gamma-BHC...	4.166	4.859	83962659	698.2E6	56.868	54.514
4)	MA Heptachlor	4.463	5.385	74069002	654.3E6	52.885	52.673
5)	MB Aldrin	4.710	5.698	74406740	647.9E6	55.230	53.775
6)	B beta-BHC	4.416	5.022	34729889	316.4E6	53.319	56.353
7)	B delta-BHC	4.620	5.247	78836365	669.5E6	56.446	74.220 #
8)	B Heptachlo...	5.154	6.085	68143622	635.7E6	53.820	71.240m#
9)	A Endosulfan I	5.492	6.448	63043154	520.8E6	53.154	52.552m
10)	B gamma-Chl...	5.379	6.321	68619981	565.0E6	53.648	52.790m
11)	B alpha-Chl...	5.438	6.396	67397613	565.9E6	53.262	53.922m
12)	B 4,4'-DDE	5.602	6.546	63051784	510.0E6	54.478m	51.380m
13)	MA Dieldrin	5.734	6.706	66663168	534.4E6	53.924m	52.203m
14)	MA Endrin	5.994	6.924	57338568	329.0E6	51.605	40.477m
15)	B Endosulfa...	6.267	7.131	55796285	418.3E6	53.343	50.855m
16)	A 4,4'-DDD	6.120	7.038	56727011	439.1E6	56.979	54.198m
17)	MA 4,4'-DDT	6.360	7.340	46104499	402.1E6	48.023	48.899m
18)	B Endrin al...	6.437	7.255	43102658	335.8E6	50.123	52.638m
19)	B Endosulfa...	6.649	7.480	57767037	417.2E6	52.518	52.228m
20)	A Methoxychlor	6.910	7.793	27254090	220.6E6	47.284	53.502m
21)	B Endrin ke...	7.141	7.957	70570724	473.2E6	56.333m	56.641
22)	Mirex	7.324	8.422	51936305	302.6E6	51.886	51.526

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
Data File : PD069786.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2022 09:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

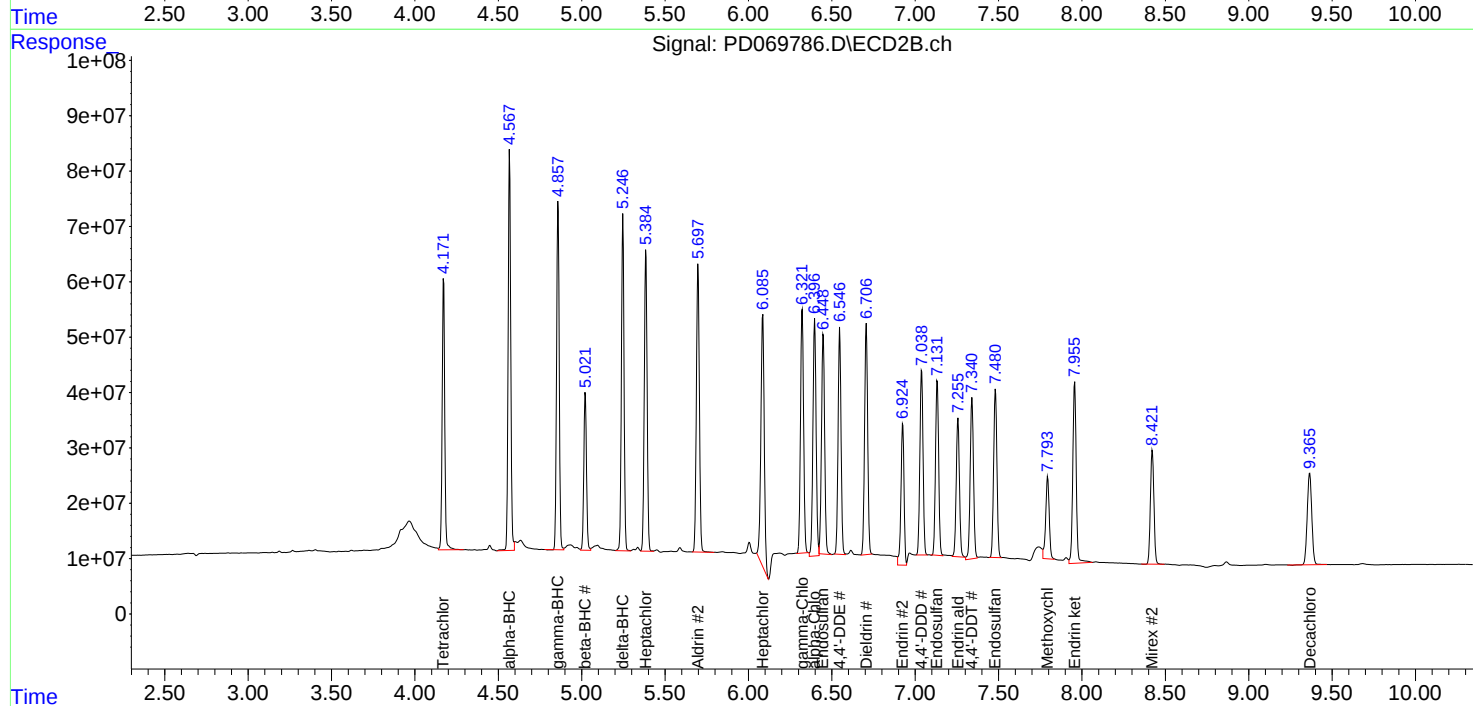
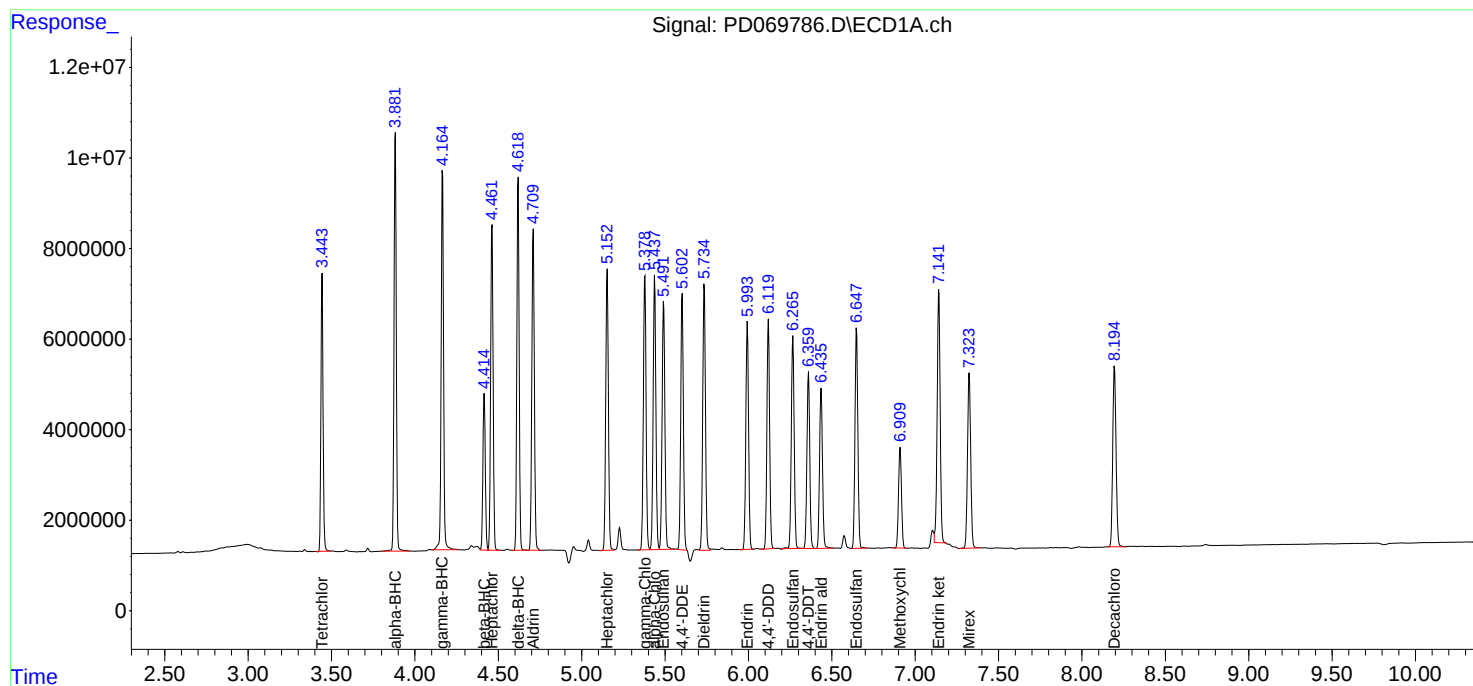
Manual Integrations

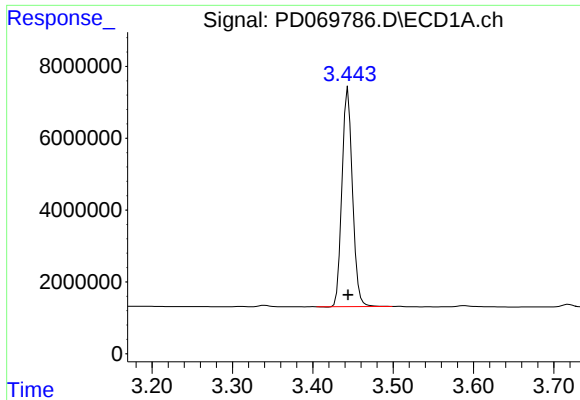
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Reviewed By :Abdul Mirza 05/23/2022
Supervised By :Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 08:02:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
Quant Title : GC Extractables
QLast Update : Mon May 23 02:08:05 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





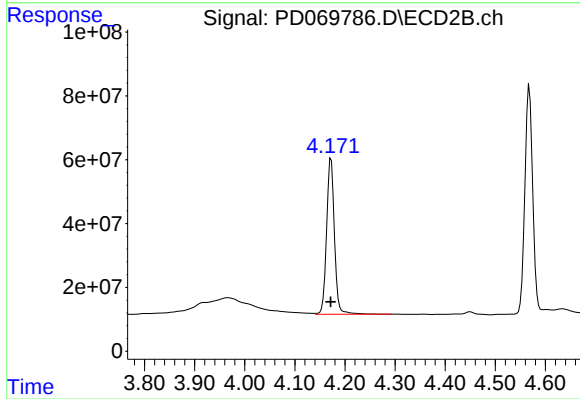
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 55308878
Conc: 55.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

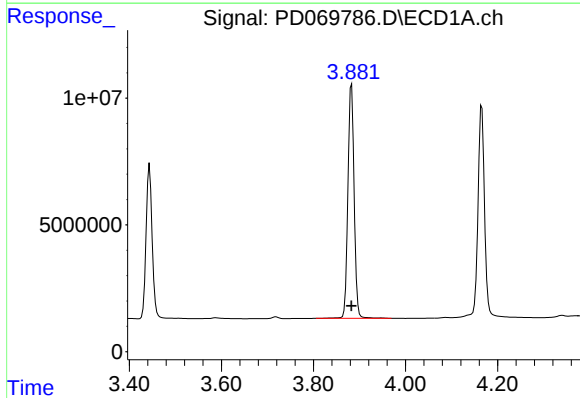
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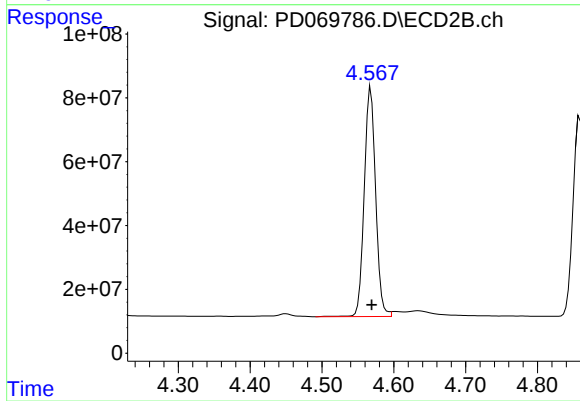
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 533972803
Conc: 55.89 ng/ml



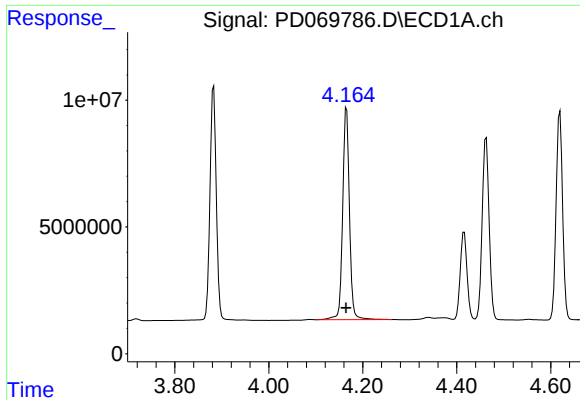
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 86699483
Conc: 58.05 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.001 min
Response: 791269597
Conc: 56.73 ng/ml



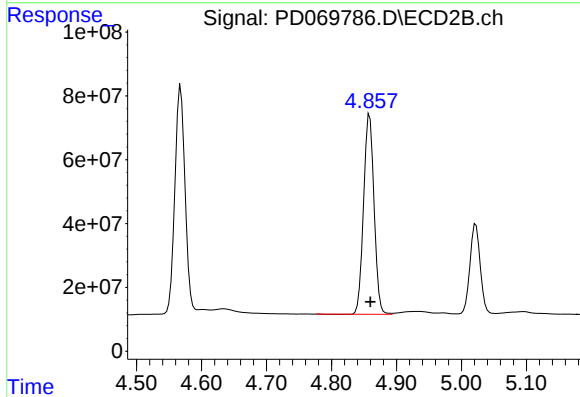
#3 gamma-BHC (Lindane)

R.T.: 4.166 min
Delta R.T.: 0.001 min
Response: 83962659
Conc: 56.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

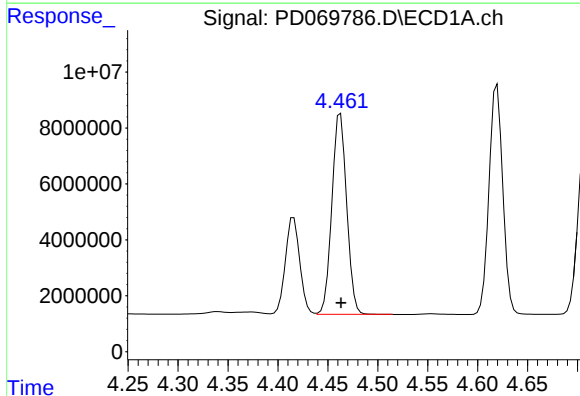
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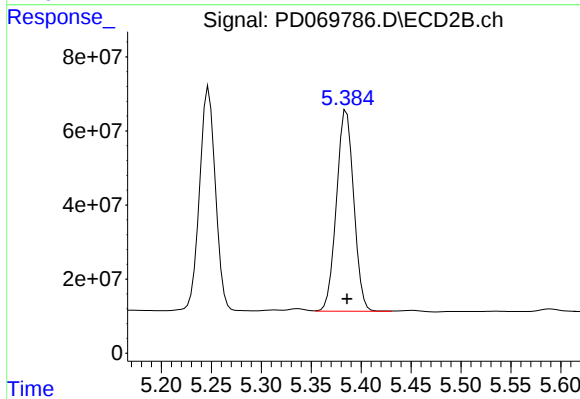
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 698170433
Conc: 54.51 ng/ml



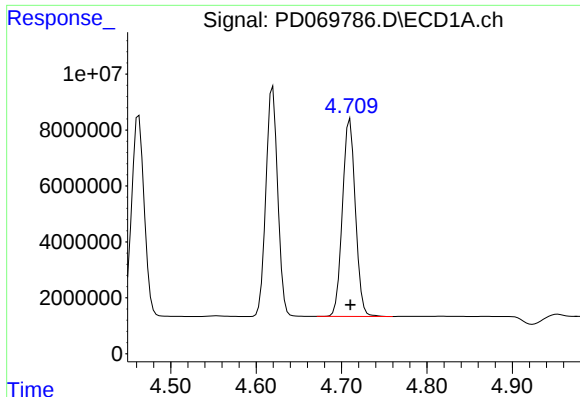
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 74069002
Conc: 52.89 ng/ml



#4 Heptachlor

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 654265234
Conc: 52.67 ng/ml



#5 Aldrin

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 74406740
Conc: 55.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

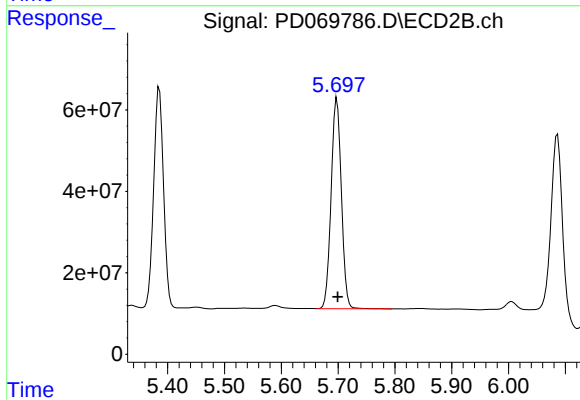
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Manual Integrations

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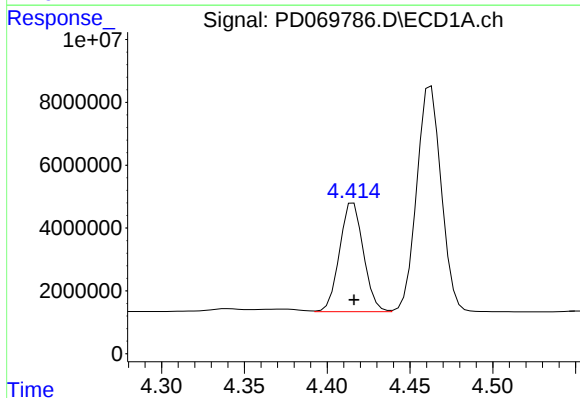
Reviewed By :Abdul Mirza 05/23/2022

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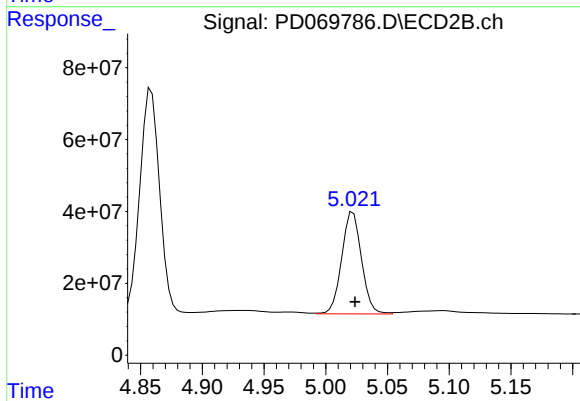
#5 Aldrin

R.T.: 5.698 min
Delta R.T.: -0.002 min
Response: 647912844
Conc: 53.77 ng/ml



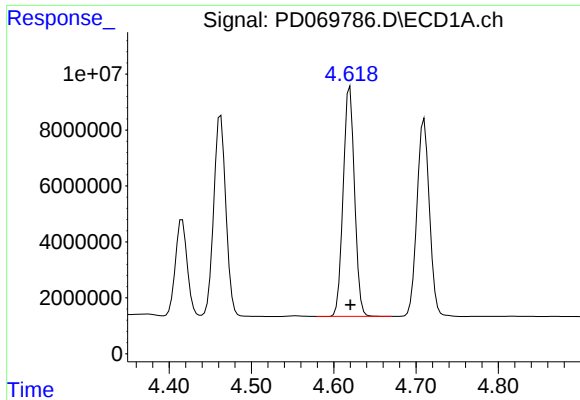
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 34729889
Conc: 53.32 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 316405440
Conc: 56.35 ng/ml



#7 delta-BHC

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 78836365
Conc: 56.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

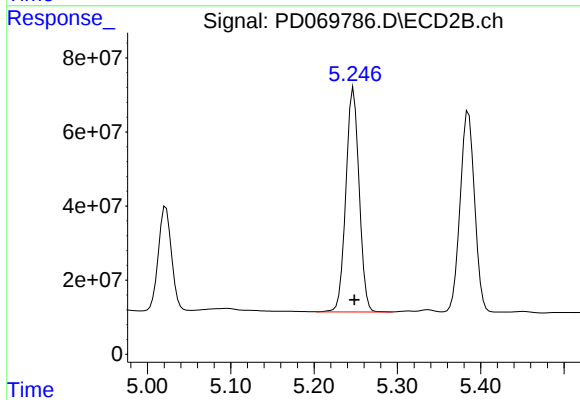
PSTDCCC050

Manual Integrations

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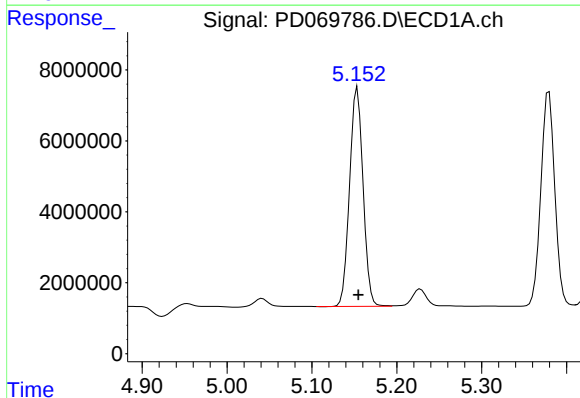
Reviewed By :Abdul Mirza 05/23/2022

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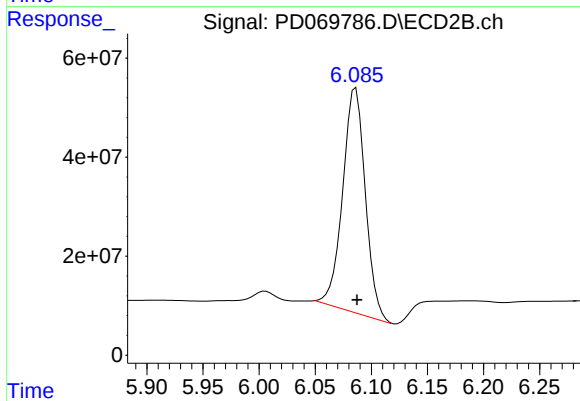
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 669481756
Conc: 74.22 ng/ml



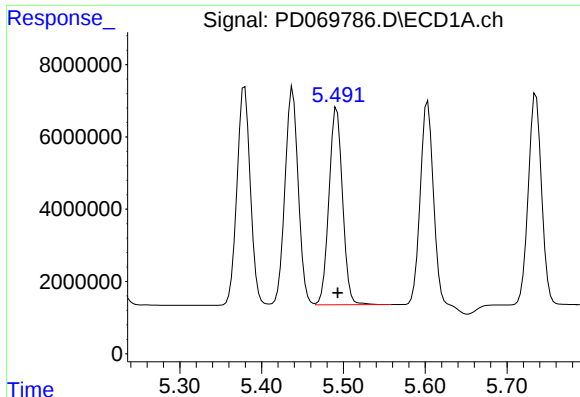
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: -0.001 min
Response: 68143622
Conc: 53.82 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 635689364
Conc: 71.24 ng/ml m



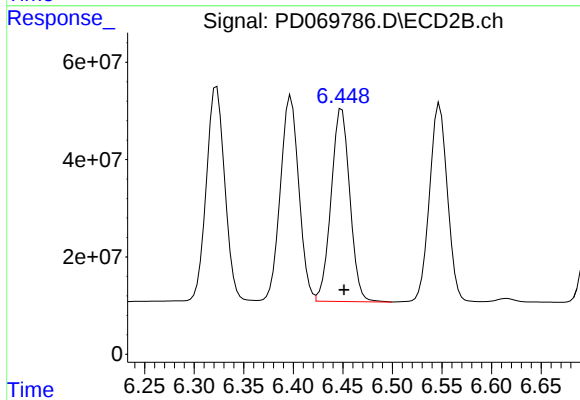
#9 Endosulfan I

R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 63043154
Conc: 53.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

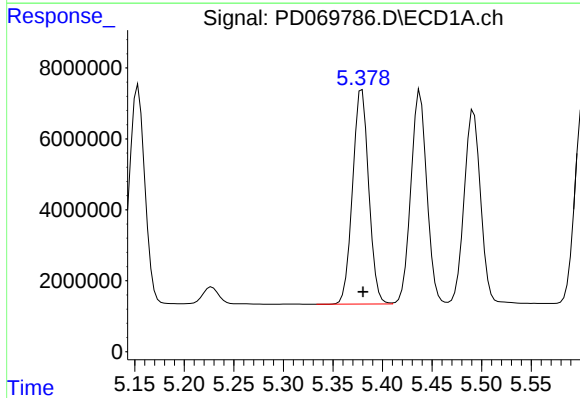
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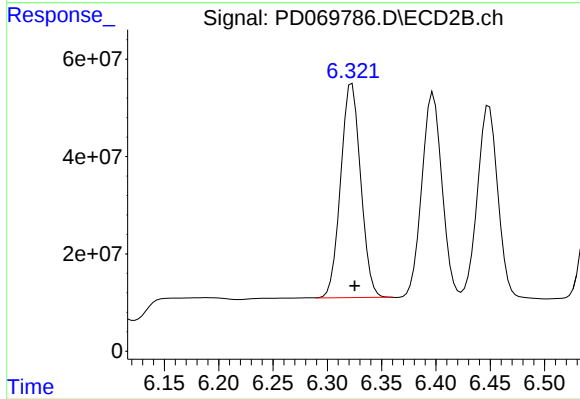
#9 Endosulfan I

R.T.: 6.448 min
Delta R.T.: -0.004 min
Response: 520849045
Conc: 52.55 ng/ml m



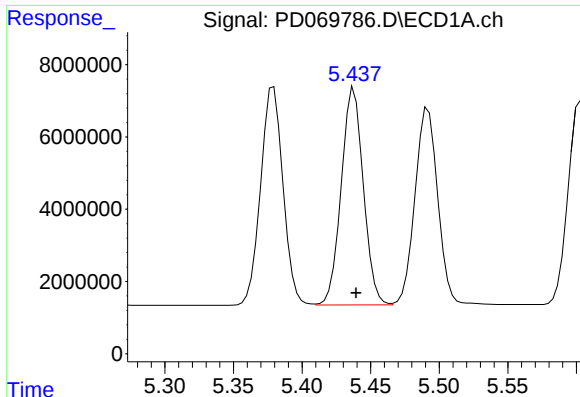
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: -0.001 min
Response: 68619981
Conc: 53.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.321 min
Delta R.T.: -0.004 min
Response: 564993135
Conc: 52.79 ng/ml m



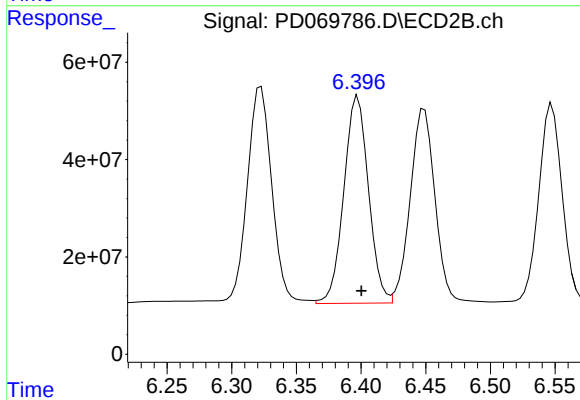
#11 alpha-Chlordane

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 67397613
Conc: 53.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

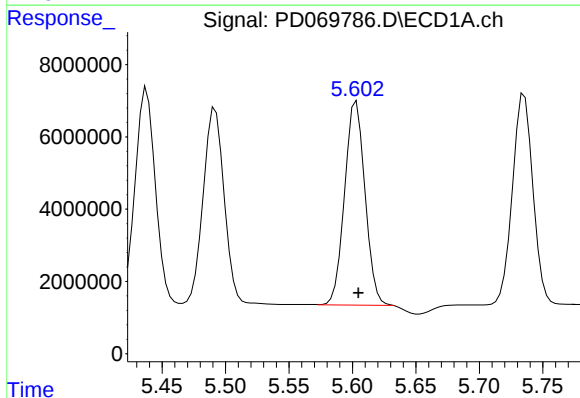
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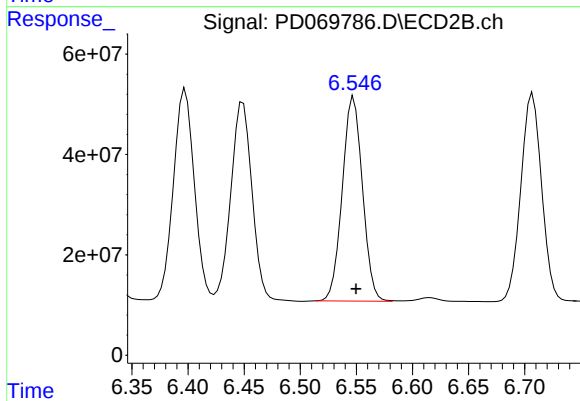
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 565904099
Conc: 53.92 ng/ml m



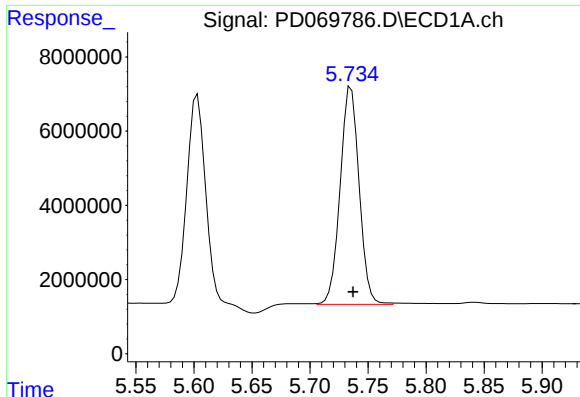
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 63051784
Conc: 54.48 ng/ml m



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: -0.003 min
Response: 510014445
Conc: 51.38 ng/ml m



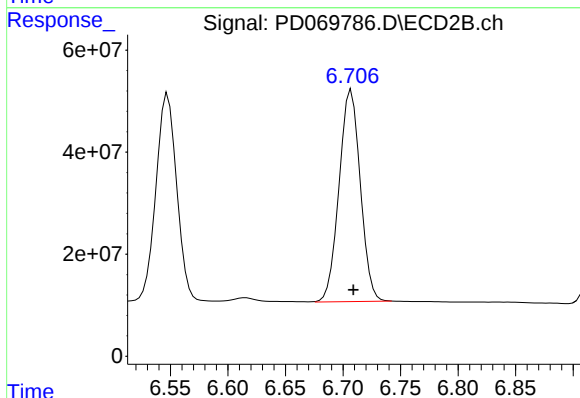
#13 Dieldrin

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 66663168
Conc: 53.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
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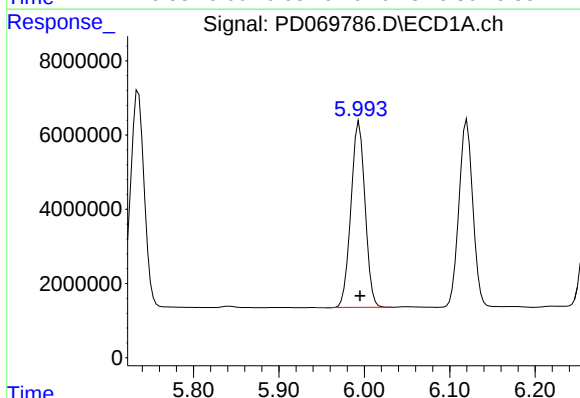
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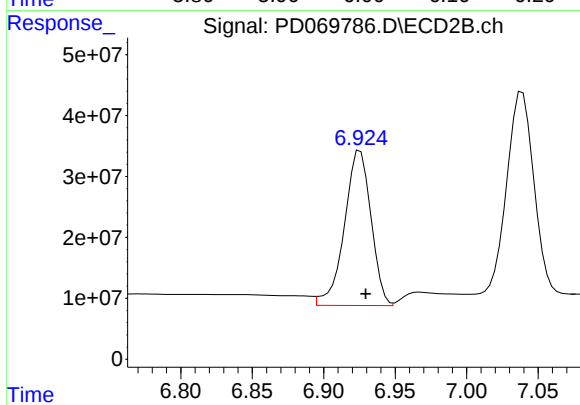
#13 Dieldrin

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 534441356
Conc: 52.20 ng/ml m



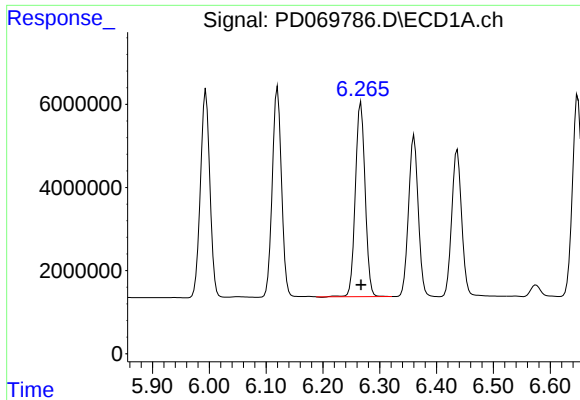
#14 Endrin

R.T.: 5.994 min
Delta R.T.: -0.001 min
Response: 57338568
Conc: 51.60 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: -0.005 min
Response: 328998712
Conc: 40.48 ng/ml m



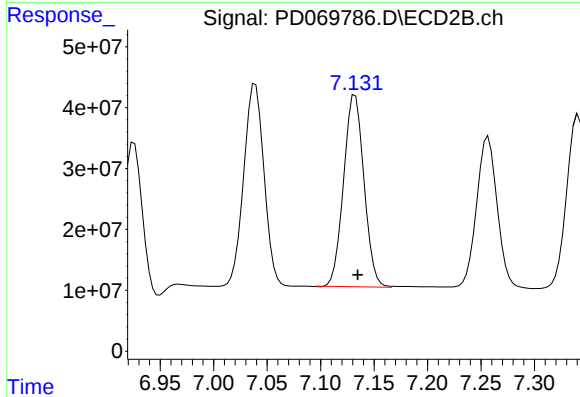
#15 Endosulfan II

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 55796285
Conc: 53.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

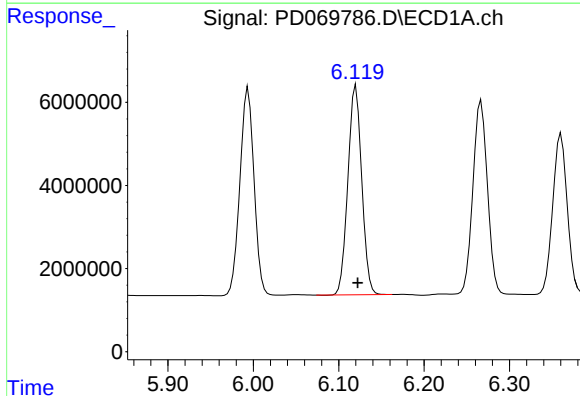
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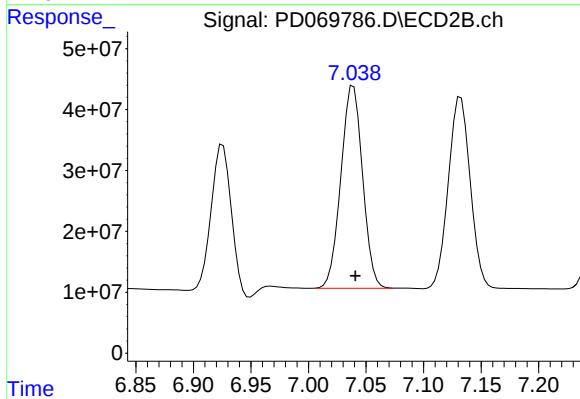
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 418314138
Conc: 50.86 ng/ml m



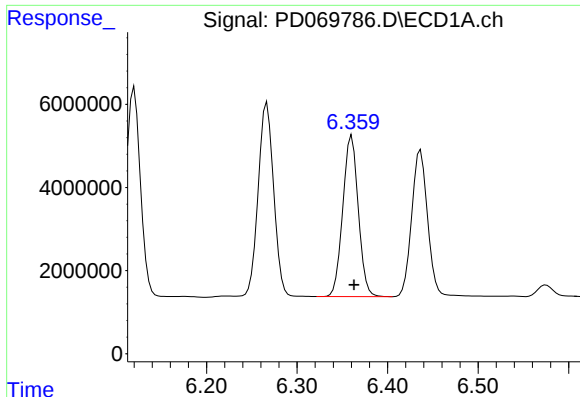
#16 4,4'-DDD

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 56727011
Conc: 56.98 ng/ml



#16 4,4'-DDD

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 439133075
Conc: 54.20 ng/ml m



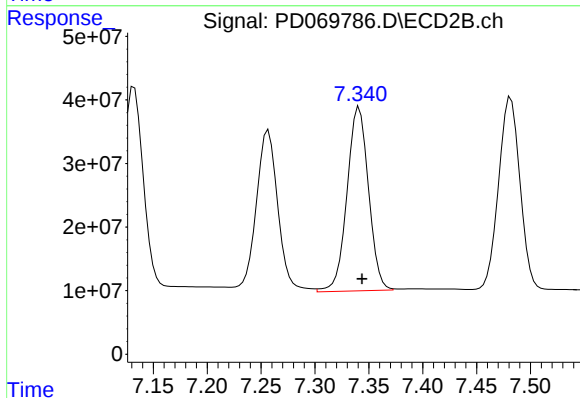
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: -0.003 min
Response: 46104499
Conc: 48.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

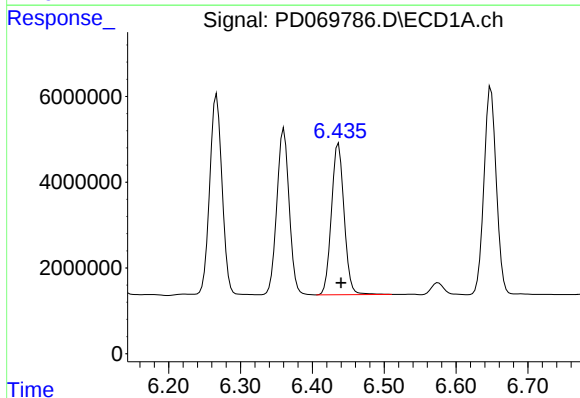
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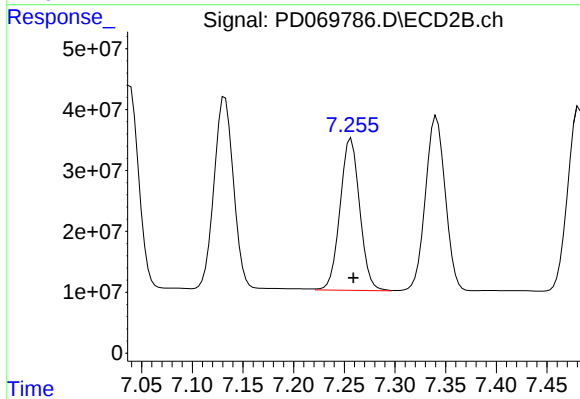
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: -0.004 min
Response: 402139968
Conc: 48.90 ng/ml m



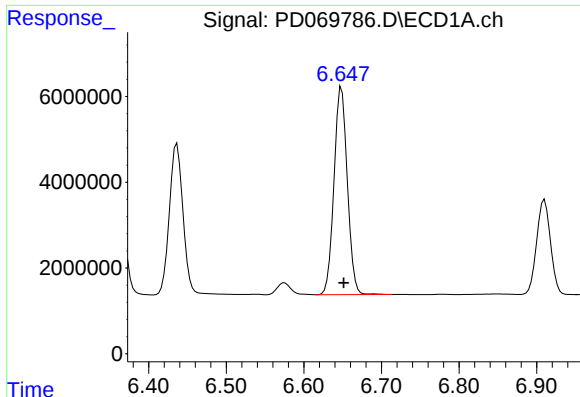
#18 Endrin aldehyde

R.T.: 6.437 min
Delta R.T.: -0.003 min
Response: 43102658
Conc: 50.12 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 335822411
Conc: 52.64 ng/ml m



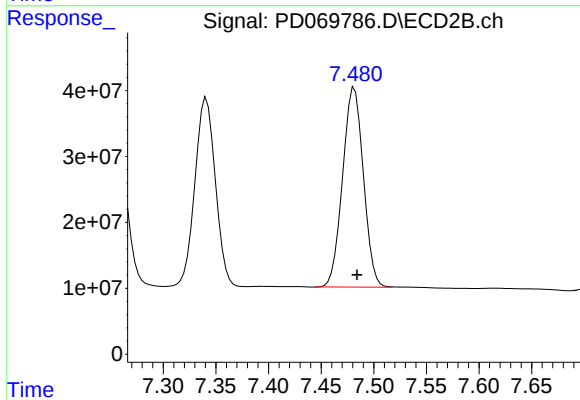
#19 Endosulfan Sulfate

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 57767037
Conc: 52.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

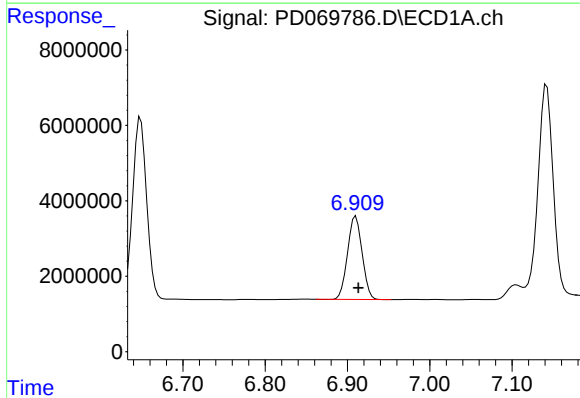
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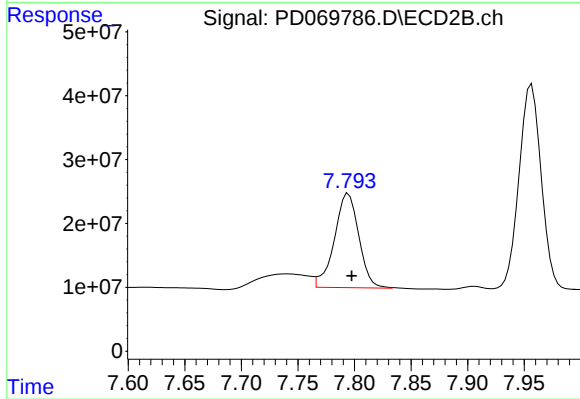
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: -0.004 min
Response: 417240256
Conc: 52.23 ng/ml m



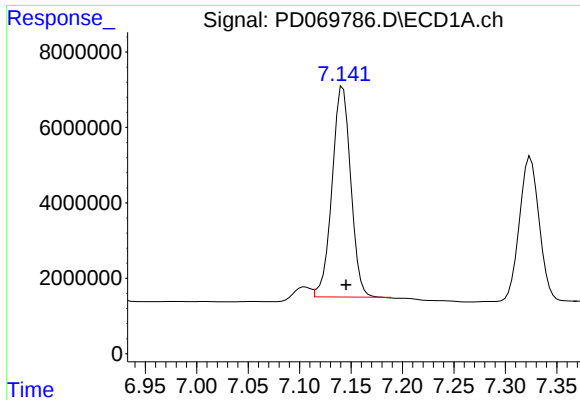
#20 Methoxychlor

R.T.: 6.910 min
Delta R.T.: -0.003 min
Response: 27254090
Conc: 47.28 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: -0.004 min
Response: 220609552
Conc: 53.50 ng/ml m



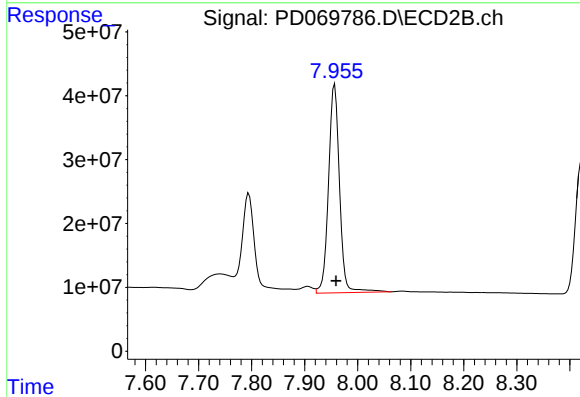
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: -0.004 min
Response: 70570724
Conc: 56.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

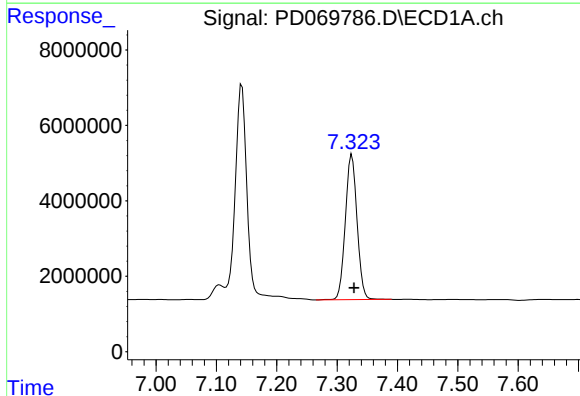
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2022
Supervised By :Ankita Jodhani 05/23/2022



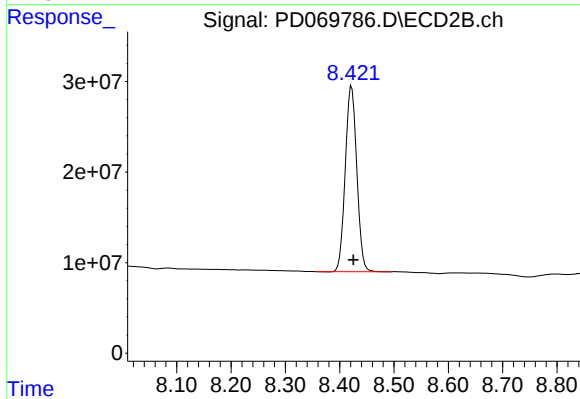
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 473175671
Conc: 56.64 ng/ml



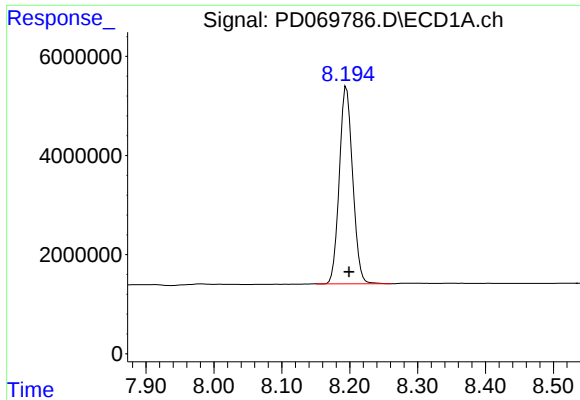
#22 Mirex

R.T.: 7.324 min
Delta R.T.: -0.004 min
Response: 51936305
Conc: 51.89 ng/ml



#22 Mirex

R.T.: 8.422 min
Delta R.T.: -0.004 min
Response: 302577590
Conc: 51.53 ng/ml



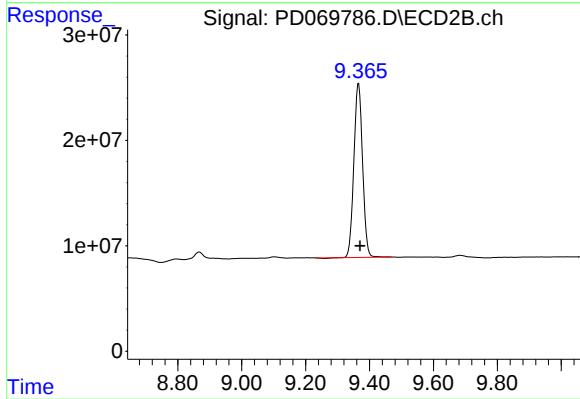
#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: -0.004 min
Response: 54488181
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/23/2022



#28 Decachlorobiphenyl

R.T.: 9.366 min
Delta R.T.: -0.005 min
Response: 312120943
Conc: 52.08 ng/ml