

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
 Data File : PD076105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2023 16:21
 Operator : AR\AJ
 Sample : PB153723BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153723BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/26/2023
 Supervised By : Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 22:46:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.766	38507768	19477552	18.078	17.953
28)	SA Decachlor...	9.093	7.911	43897461	19686300	17.328	20.133
Target Compounds							
2)	A alpha-BHC	4.008	3.269	185.5E6	80382024	50.247	50.246
3)	MA gamma-BHC...	4.340	3.598	169.3E6	75181372	50.312	51.025
4)	MA Heptachlor	4.932	3.938	172.1E6	73834640	47.992	48.612
5)	MB Aldrin	5.275	4.219	172.1E6	75339330	49.114	50.523
6)	B beta-BHC	4.537	3.895	68934721	31898738	47.947	50.044
7)	B delta-BHC	4.786	4.126	167.3E6	75026784	50.346	51.779
8)	B Heptachlo...	5.702	4.721	152.7E6	67578840	47.393	49.197
9)	A Endosulfan I	6.088	5.092	140.7E6	62704757	46.903	49.057
10)	B gamma-Chl...	5.957	4.972	150.8E6	68314985	46.827m	49.788
11)	B alpha-Chl...	6.038	5.036	151.8E6	67954499	46.963	49.538
12)	B 4,4'-DDE	6.209	5.225	138.5E6	61481208	48.451	55.083
13)	MA Dieldrin	6.364	5.357	148.9E6	68043644	47.650	50.434
14)	MA Endrin	6.595	5.632	120.9E6	58694252	45.202	48.229
15)	B Endosulfa...	6.814	5.926	120.0E6	55279411	46.445	51.239
16)	A 4,4'-DDD	6.728	5.780	116.0E6	53359056	50.996	60.548
17)	MA 4,4'-DDT	7.043	6.032	107.9E6	46891543	47.567	57.727
18)	B Endrin al...	6.943	6.106	95878288	44652698	47.782m	51.592
19)	B Endosulfa...	7.179	6.329	118.2E6	55605894	46.922	51.458
20)	A Methoxychlor	7.518	6.607	58884226	26366088	45.492	56.965 #
21)	B Endrin ke...	7.665	6.836	135.6E6	64415854	48.656	53.019
22)	Mirex	8.140	7.018	95361412	50393381	44.508	48.075

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
Data File : PD076105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2023 16:21
Operator : AR\AJ
Sample : PB153723BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_D

Client Sample Id :

PB153723BS

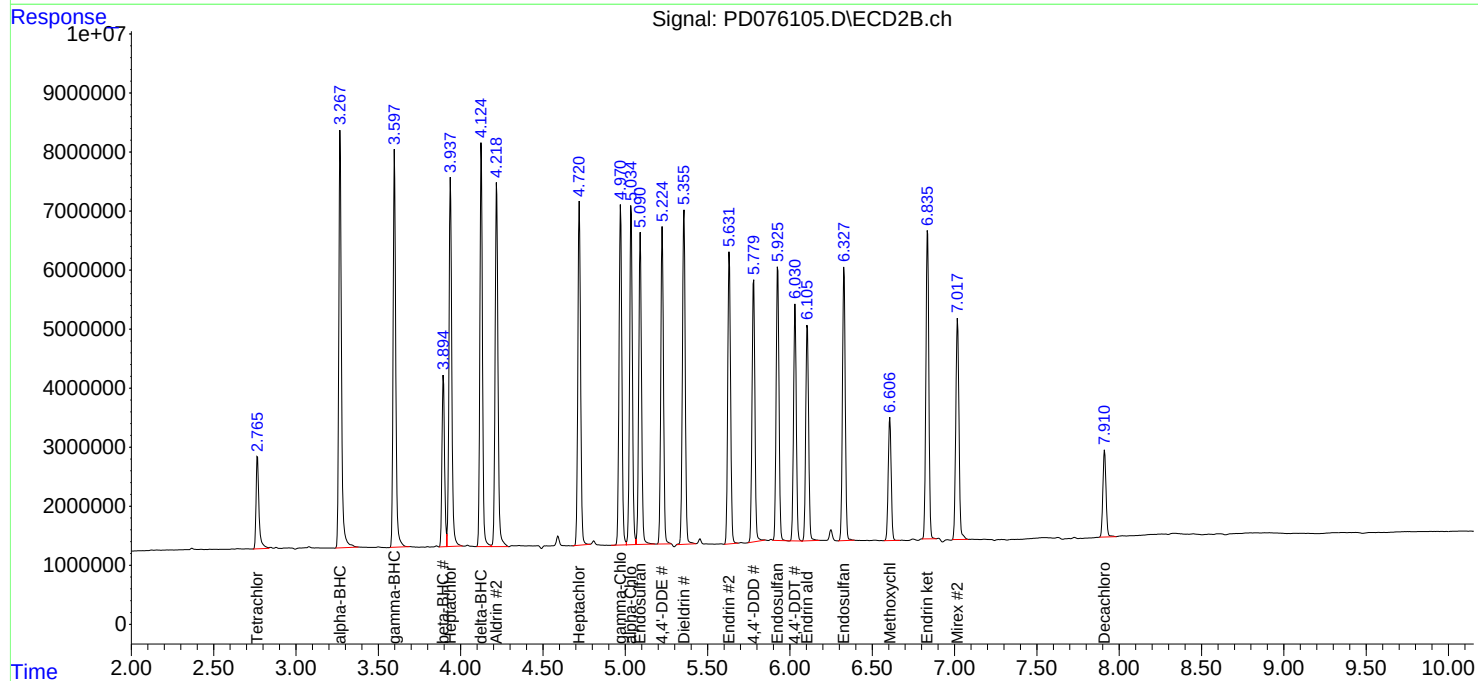
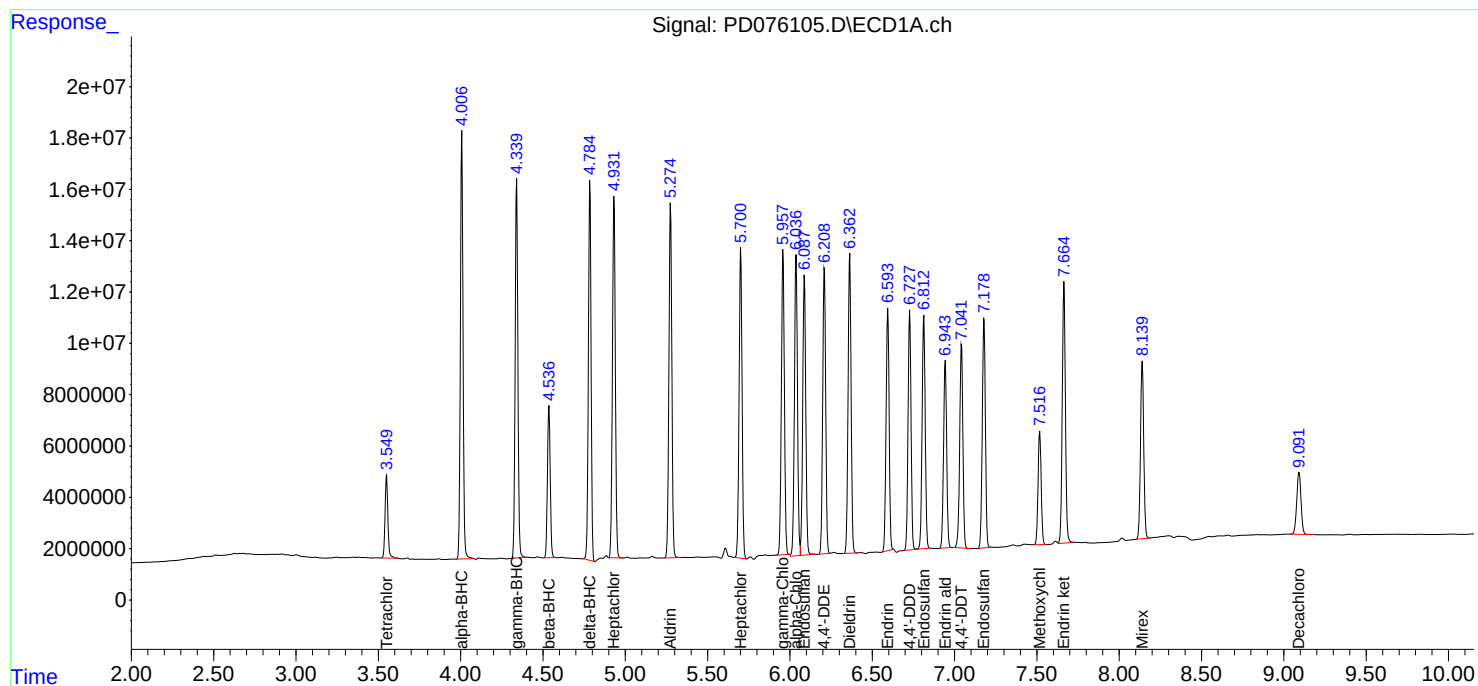
Manual Integrations

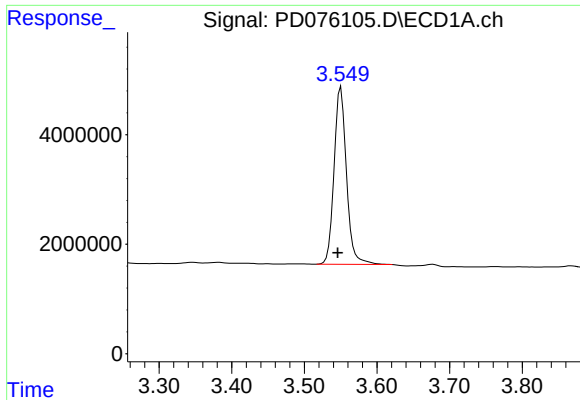
APPROVED

Reviewed By : Abdul Mirza 06/26/2023
Supervised By : Ankita Jodhani 06/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 22:46:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





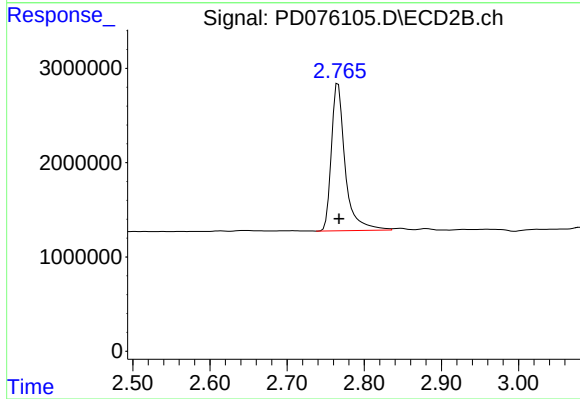
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.004 min
Response: 38507768
Conc: 18.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

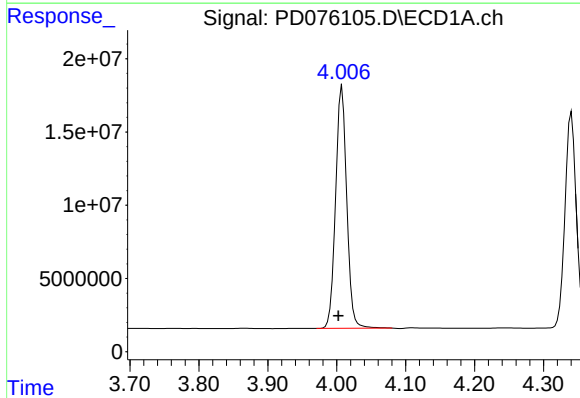
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



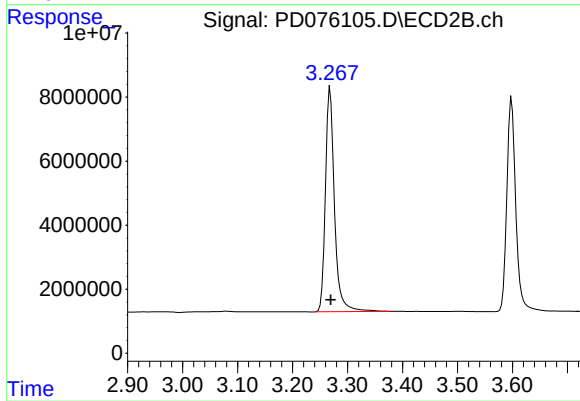
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.001 min
Response: 19477552
Conc: 17.95 ng/ml



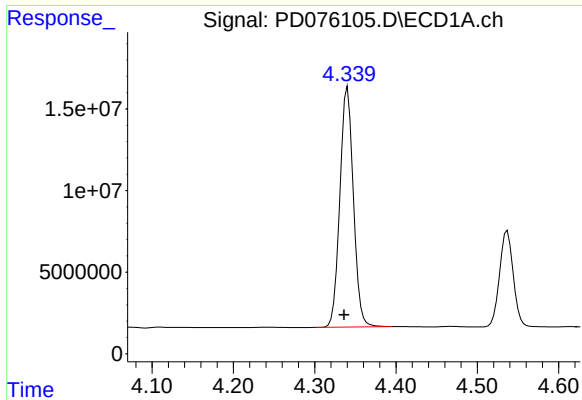
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.005 min
Response: 185515689
Conc: 50.25 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.001 min
Response: 80382024
Conc: 50.25 ng/ml



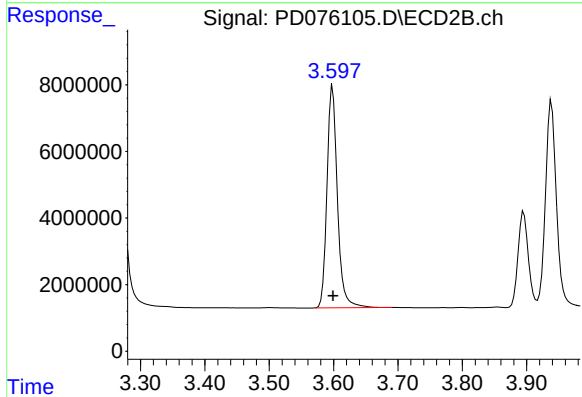
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.005 min
Response: 169294863
Conc: 50.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

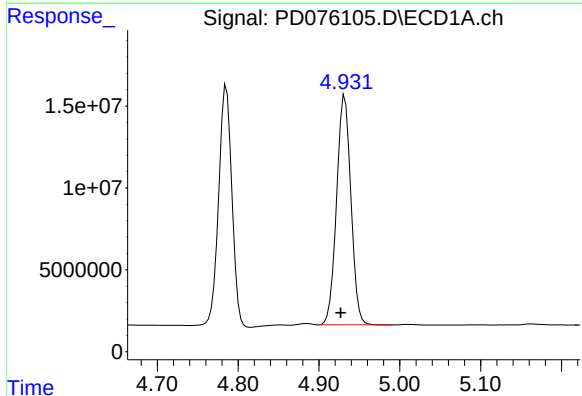
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



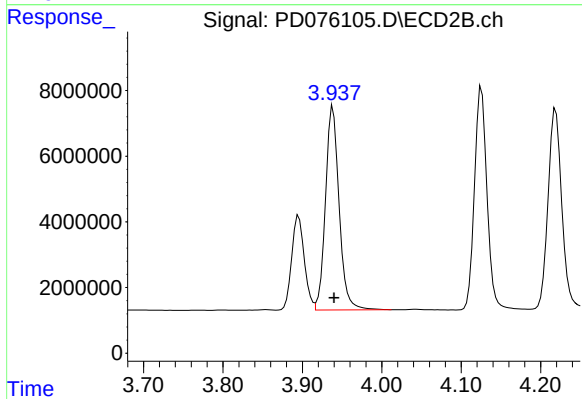
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 75181372
Conc: 51.02 ng/ml



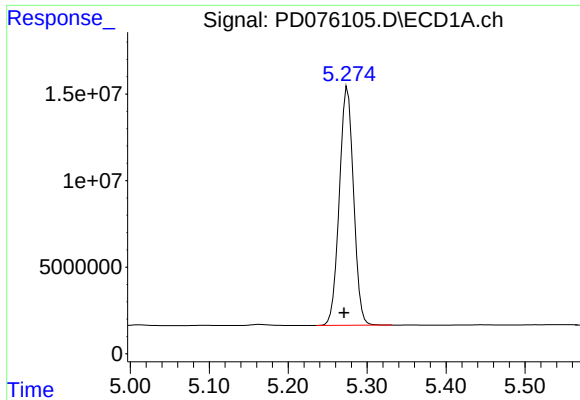
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.005 min
Response: 172130201
Conc: 47.99 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.001 min
Response: 73834640
Conc: 48.61 ng/ml



#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.005 min
Response: 172104800
Conc: 49.11 ng/ml

Instrument :

ECD_D

ClientSampleId :

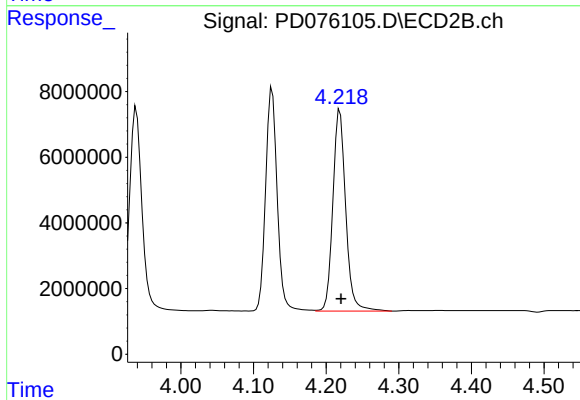
PB153723BS

Manual Integrations

APPROVED

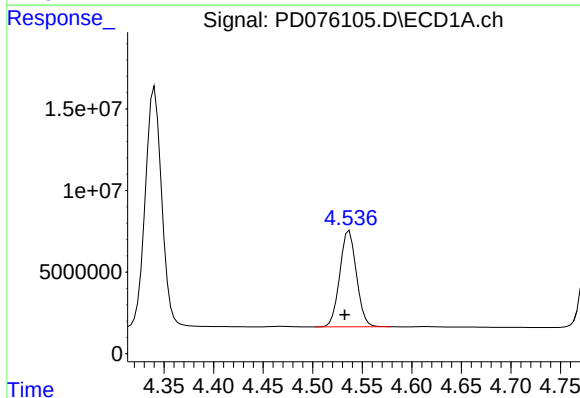
Reviewed By :Abdul Mirza 06/26/2023

Supervised By :Ankita Jodhani 06/26/2023



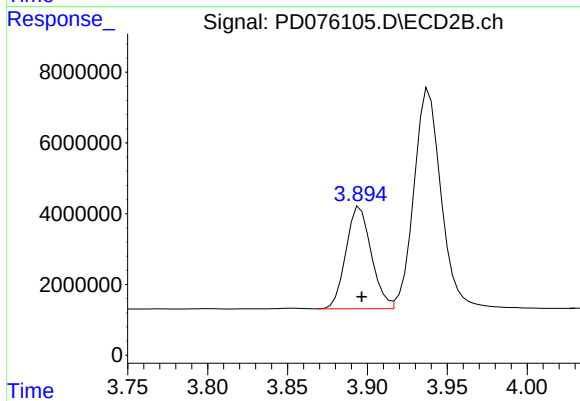
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 75339330
Conc: 50.52 ng/ml



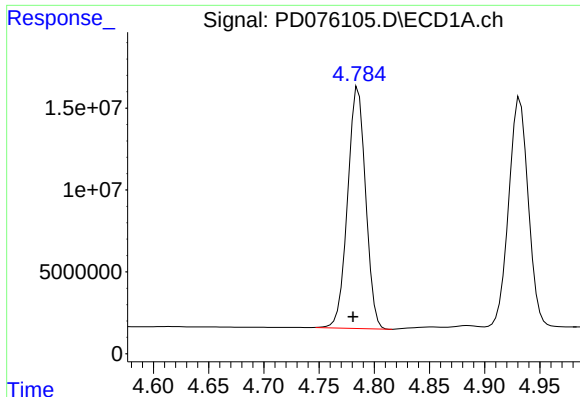
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.005 min
Response: 68934721
Conc: 47.95 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 31898738
Conc: 50.04 ng/ml



#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: 0.005 min
Response: 167332759
Conc: 50.35 ng/ml

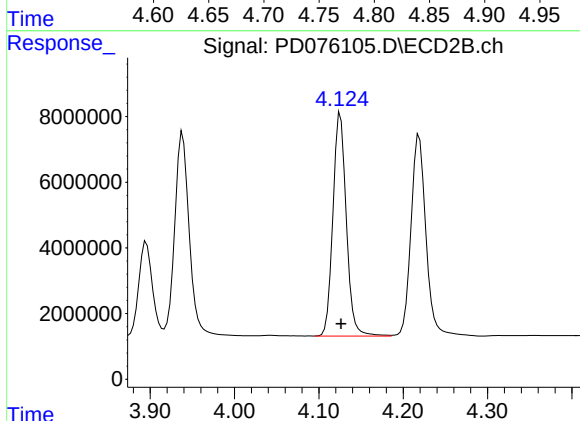
Instrument :

ECD_D

ClientSampleId :
PB153723BS

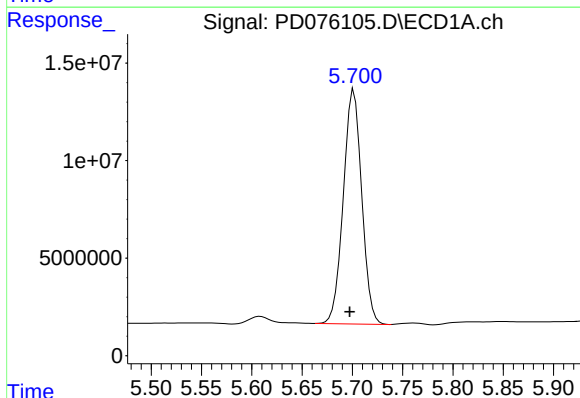
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



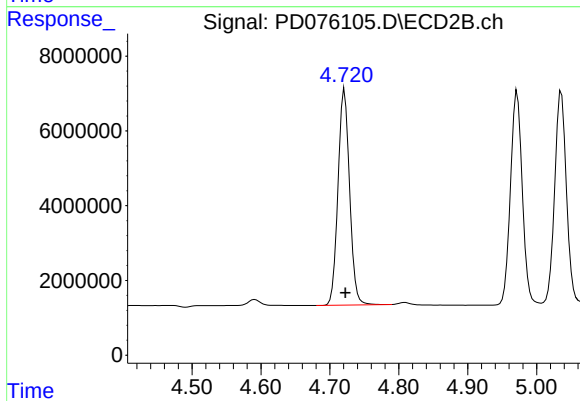
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 75026784
Conc: 51.78 ng/ml



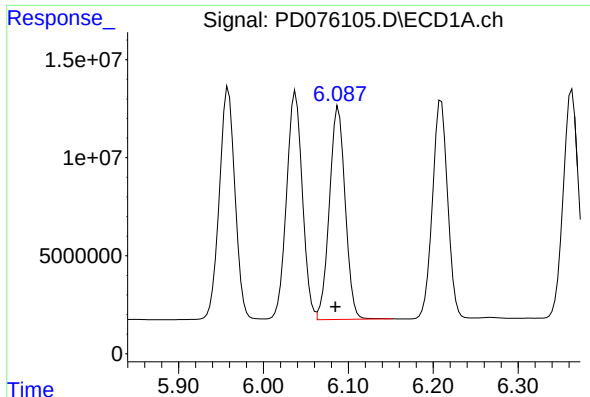
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: 0.004 min
Response: 152714118
Conc: 47.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 67578840
Conc: 49.20 ng/ml



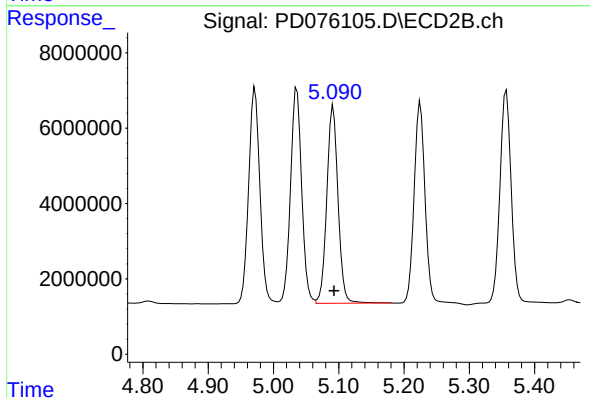
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 140683759
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

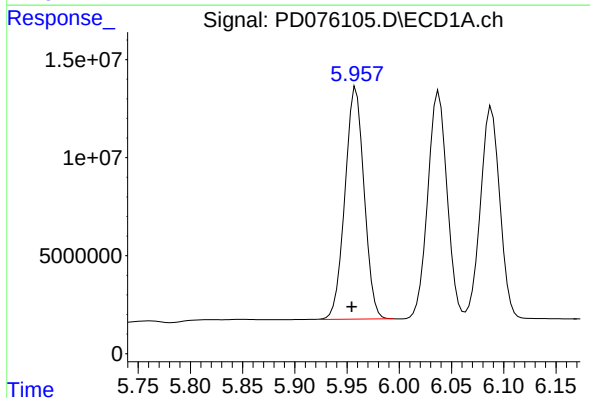
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



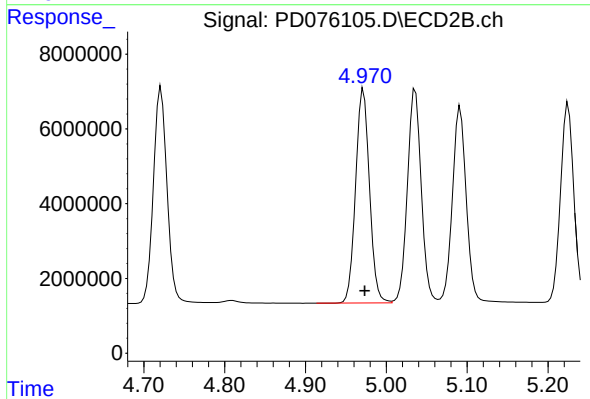
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 62704757
Conc: 49.06 ng/ml



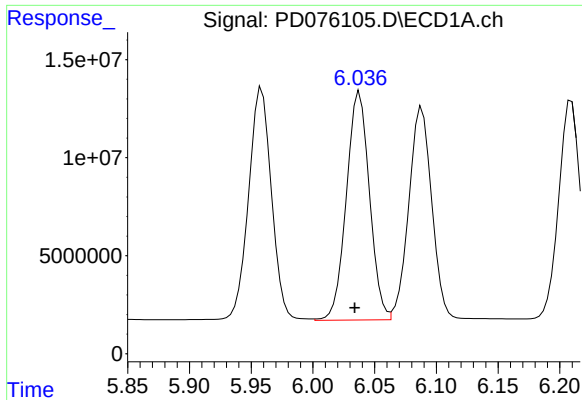
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.003 min
Response: 150843869
Conc: 46.83 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 68314985
Conc: 49.79 ng/ml



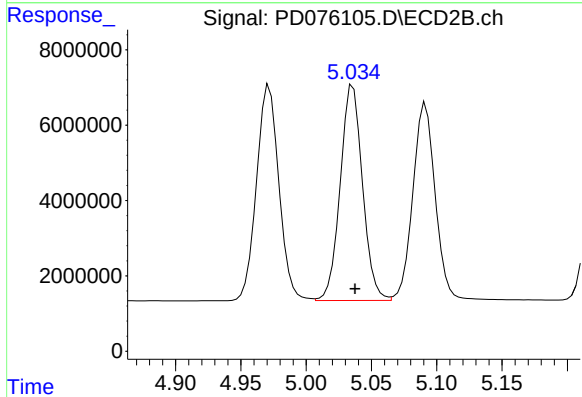
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.004 min
Response: 151825594
Conc: 46.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

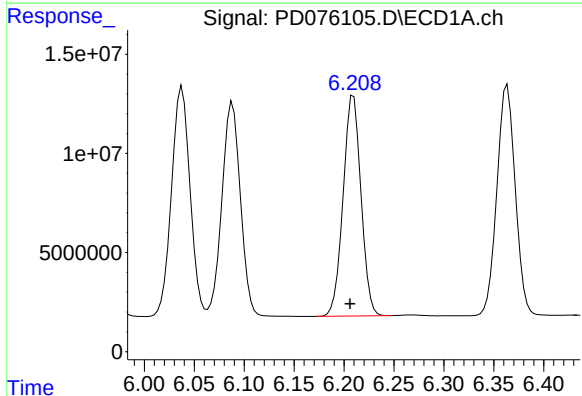
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



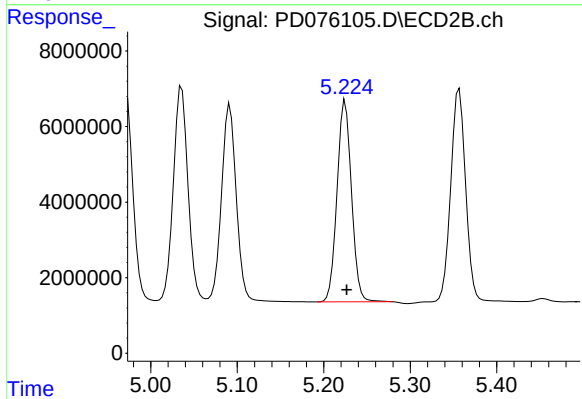
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 67954499
Conc: 49.54 ng/ml



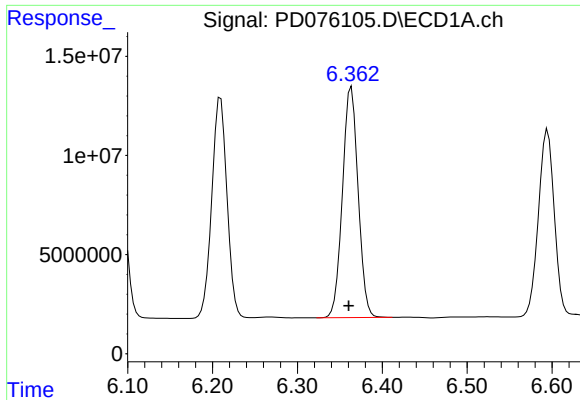
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.003 min
Response: 138479604
Conc: 48.45 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 61481208
Conc: 55.08 ng/ml



#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.003 min
Response: 148903325
Conc: 47.65 ng/ml

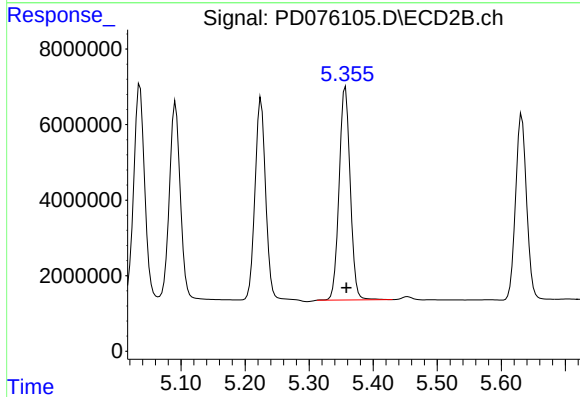
Instrument :

ECD_D

ClientSampleId :
PB153723BS

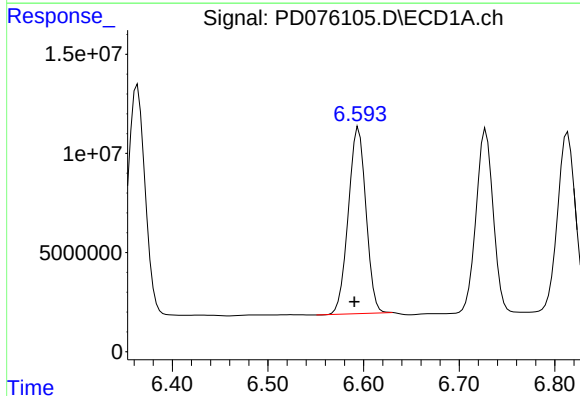
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



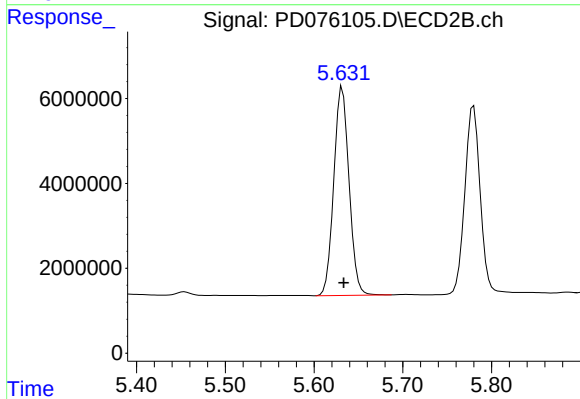
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 68043644
Conc: 50.43 ng/ml



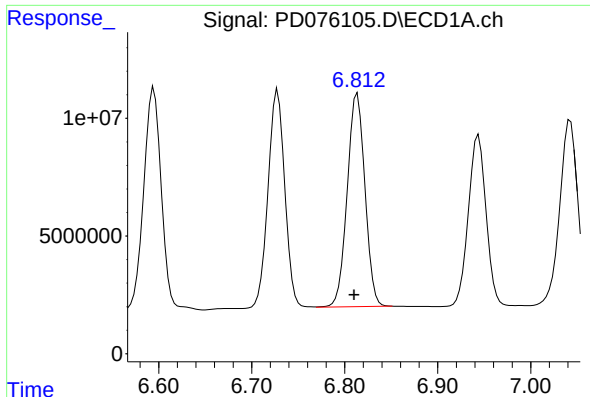
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.004 min
Response: 120884898
Conc: 45.20 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 58694252
Conc: 48.23 ng/ml



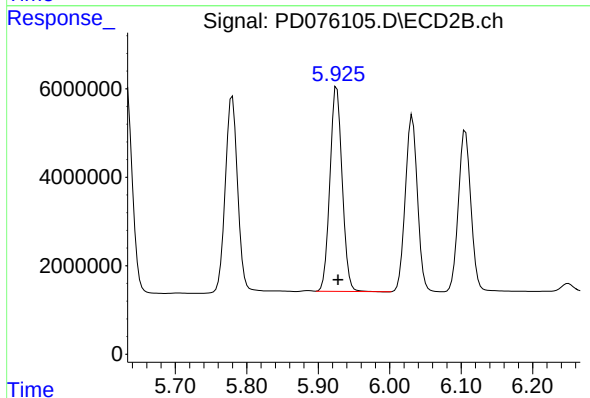
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.003 min
Response: 119996592
Conc: 46.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

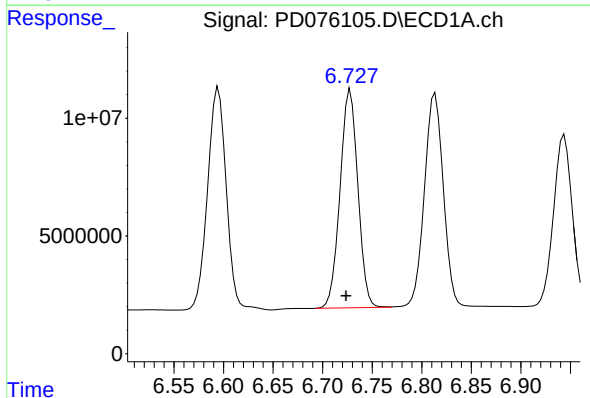
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



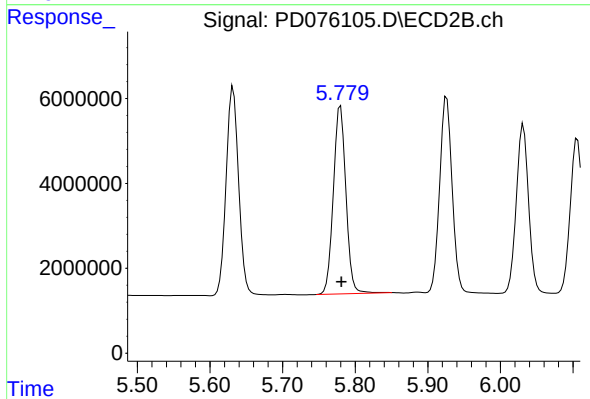
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 55279411
Conc: 51.24 ng/ml



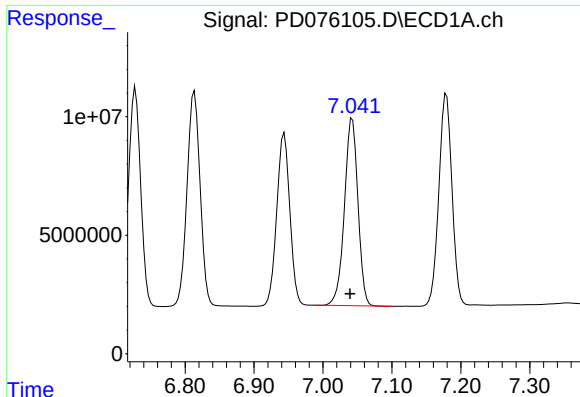
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.004 min
Response: 116048521
Conc: 51.00 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 53359056
Conc: 60.55 ng/ml



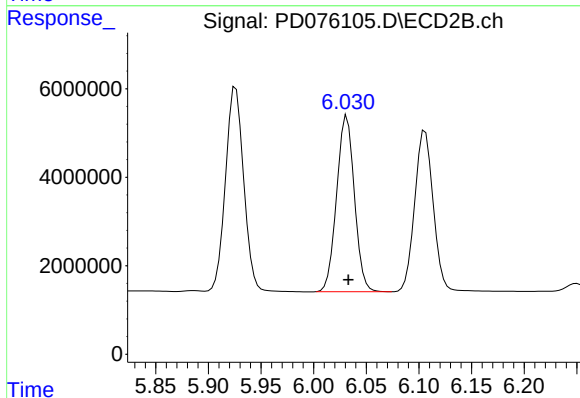
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: 0.003 min
Response: 107940931
Conc: 47.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

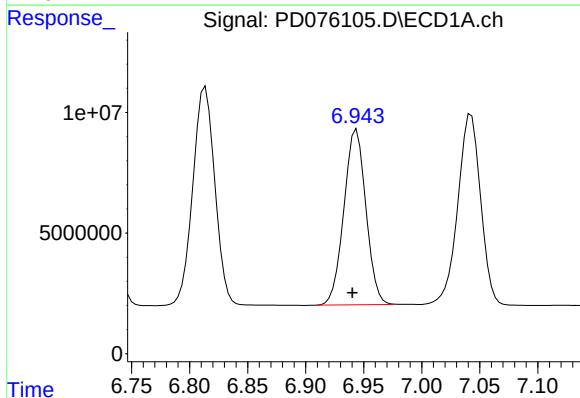
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



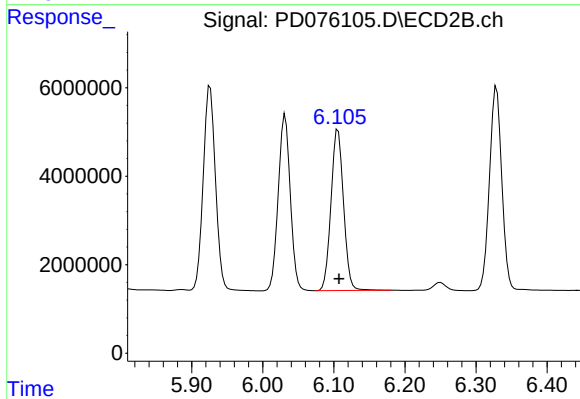
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 46891543
Conc: 57.73 ng/ml



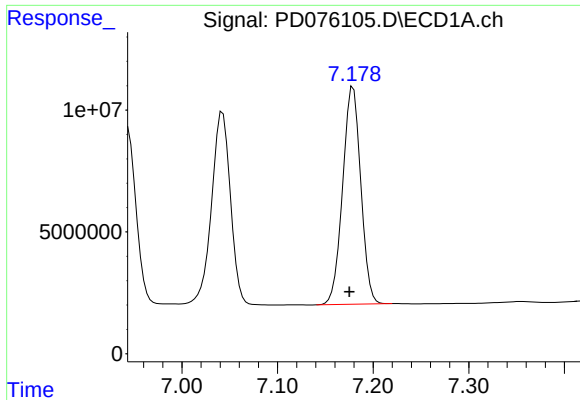
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: 0.002 min
Response: 95878288
Conc: 47.78 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 44652698
Conc: 51.59 ng/ml



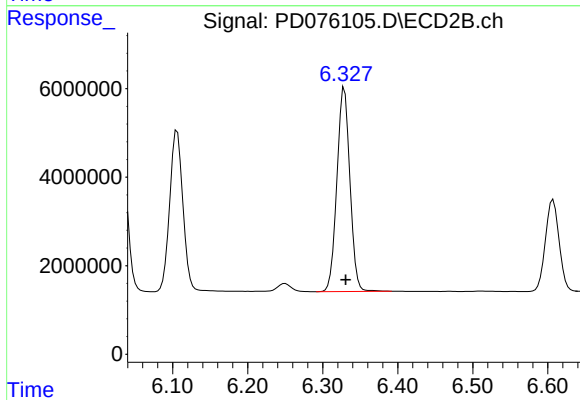
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.004 min
Response: 118213979
Conc: 46.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

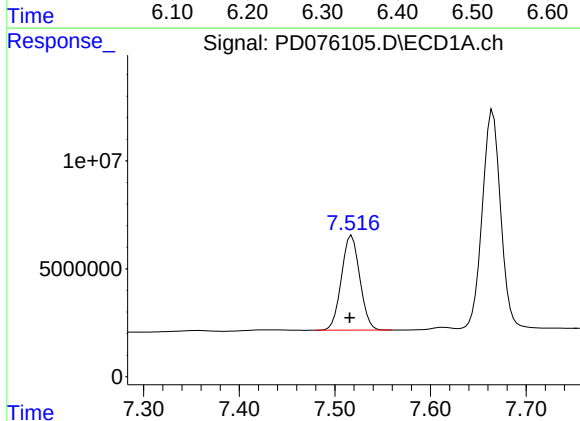
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



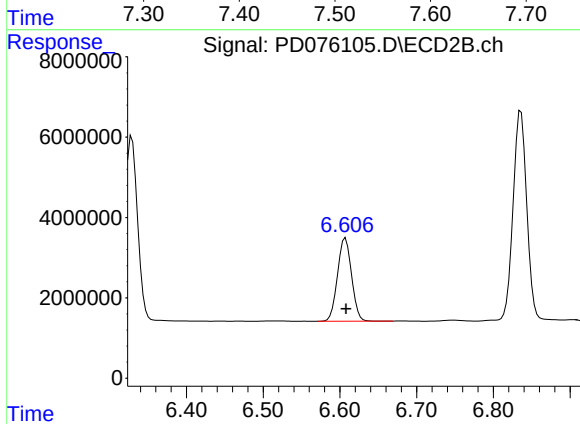
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 55605894
Conc: 51.46 ng/ml



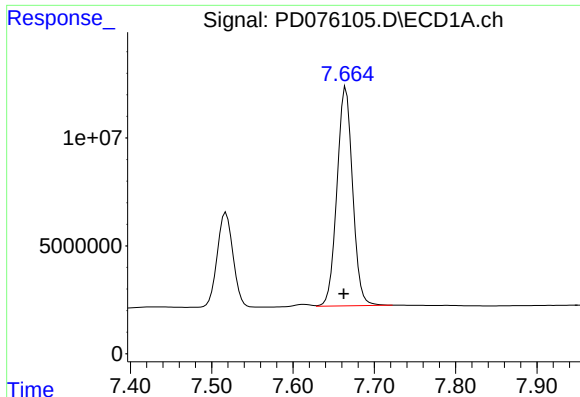
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.002 min
Response: 58884226
Conc: 45.49 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 26366088
Conc: 56.97 ng/ml



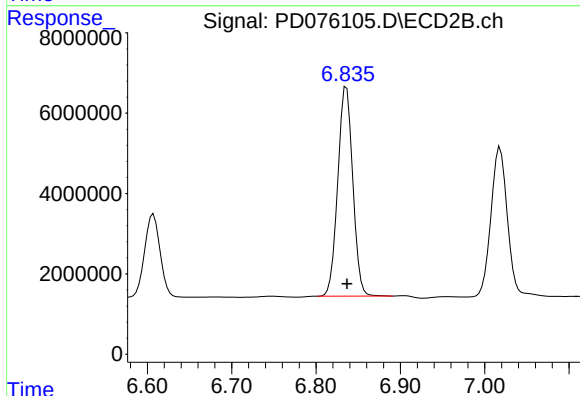
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.003 min
Response: 135551987
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

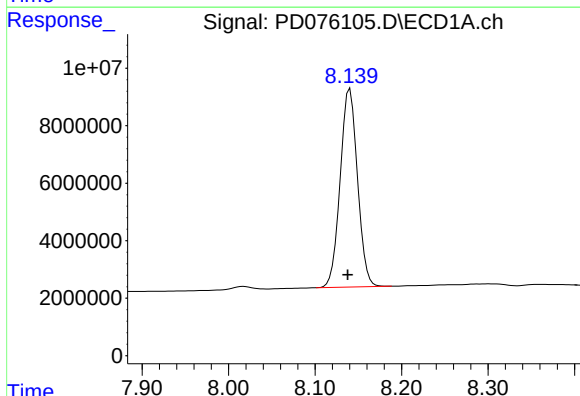
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



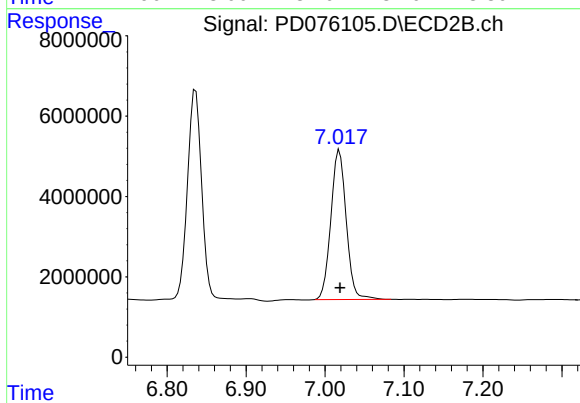
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 64415854
Conc: 53.02 ng/ml



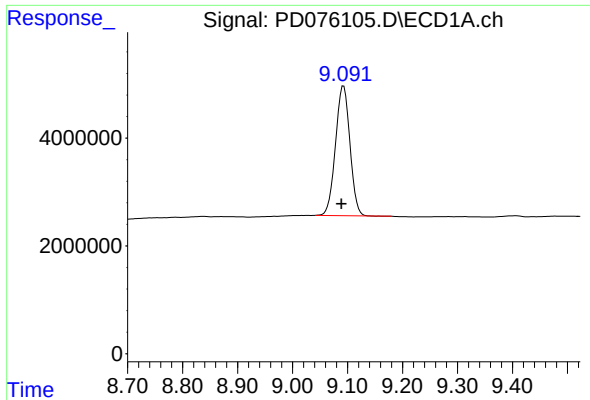
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.002 min
Response: 95361412
Conc: 44.51 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 50393381
Conc: 48.08 ng/ml



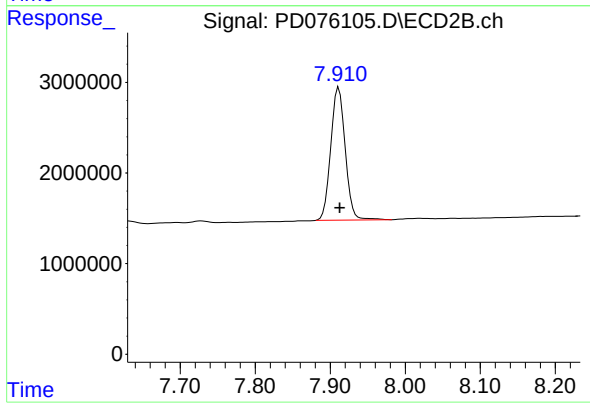
#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.004 min
Response: 43897461
Conc: 17.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153723BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/26/2023



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 19686300
Conc: 20.13 ng/ml