

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 01:51
 Operator : AR\AJ
 Sample : 03541-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-WWS-08MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 05:15:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.544	2.764	50409324	27894706	15.386	17.560
28)	SA Decachlor...	9.086	7.907	56964445	24063255	16.021	19.120
Target Compounds							
2)	A alpha-BHC	4.001	3.266	200.3E6	86457049	34.589	35.883
3)	MA gamma-BHC...	4.335	3.596	179.8E6	80760948	34.341	36.276
4)	MA Heptachlor	4.926	3.936	188.6E6	81938082	34.284	36.073
5)	MB Aldrin	5.268	4.216	180.7E6	76935950	33.795	34.713
6)	B beta-BHC	4.531	3.893	74704604	33489346	35.641	37.658
7)	B delta-BHC	4.779	4.123	177.2E6	78655626	34.468	37.408
8)	B Heptachlo...	5.696	4.718	169.0E6	72866258	35.084	36.447
9)	A Endosulfan I	6.083	5.088	158.4E6	68482436	35.507	36.569
10)	B gamma-Chl...	5.953	4.969	170.6E6	73162787	35.088	36.743
11)	B alpha-Chl...	6.032	5.033	168.6E6	72819152	35.101	36.644
12)	B 4,4'-DDE	6.204	5.222	153.6E6	64587525	36.195	42.020
13)	MA Dieldrin	6.359	5.353	166.1E6	72530911	35.497	36.824
14)	MA Endrin	6.589	5.629	142.5E6	66550266	35.795	37.704
15)	B Endosulfa...	6.809	5.923	132.8E6	59388232	35.773	38.273
16)	A 4,4'-DDD	6.722	5.776	123.0E6	53033941	36.621	43.881
17)	MA 4,4'-DDT	7.038	6.028	131.7E6	54776646	37.454	45.259
18)	B Endrin al...	6.938	6.103	102.4E6	46074535	37.373m	40.316
19)	B Endosulfa...	7.174	6.325	130.6E6	59945096	35.359	39.452
20)	A Methoxychlor	7.514	6.603	70235088	29942256	36.748	46.887 #
21)	B Endrin ke...	7.660	6.832	148.3E6	69243680	35.517	39.616
22)	Mirex	8.136	7.014	107.8E6	54043287	34.108	36.460

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 01:51
Operator : AR\AJ
Sample : 03541-02MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

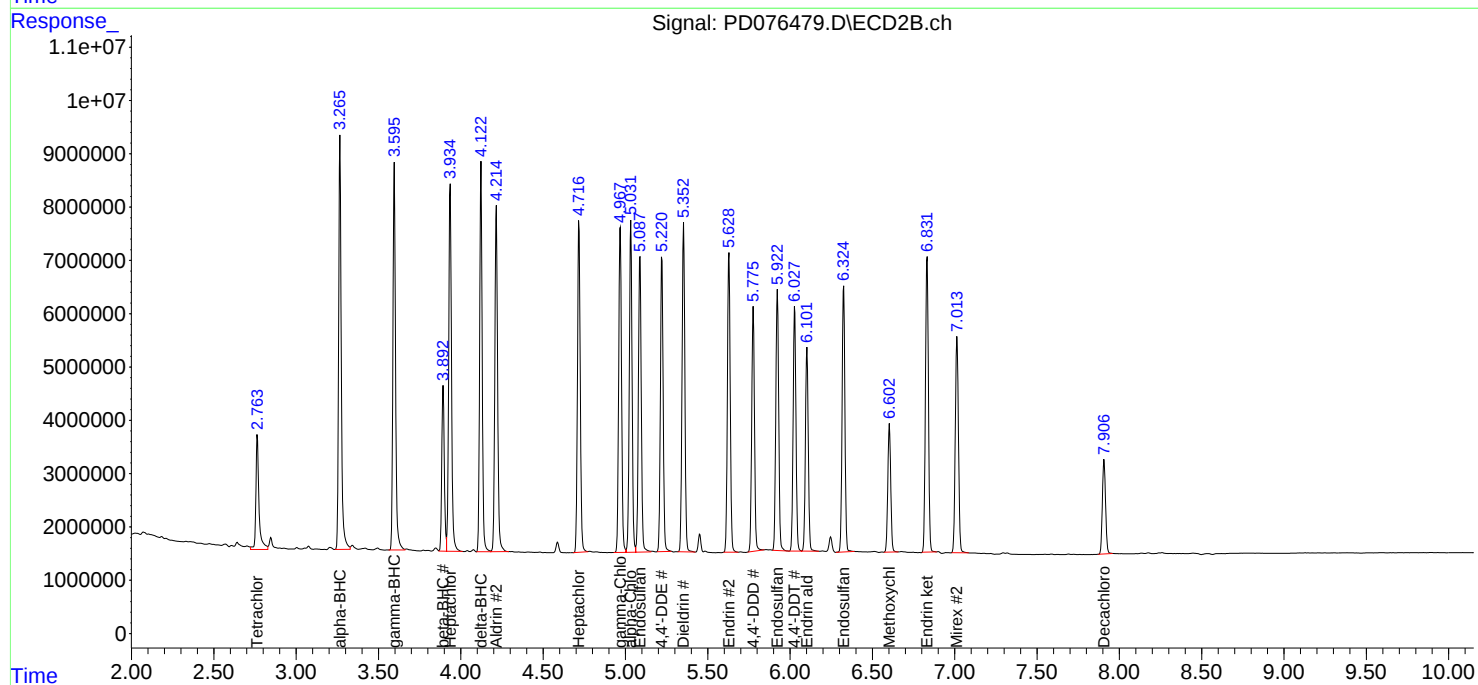
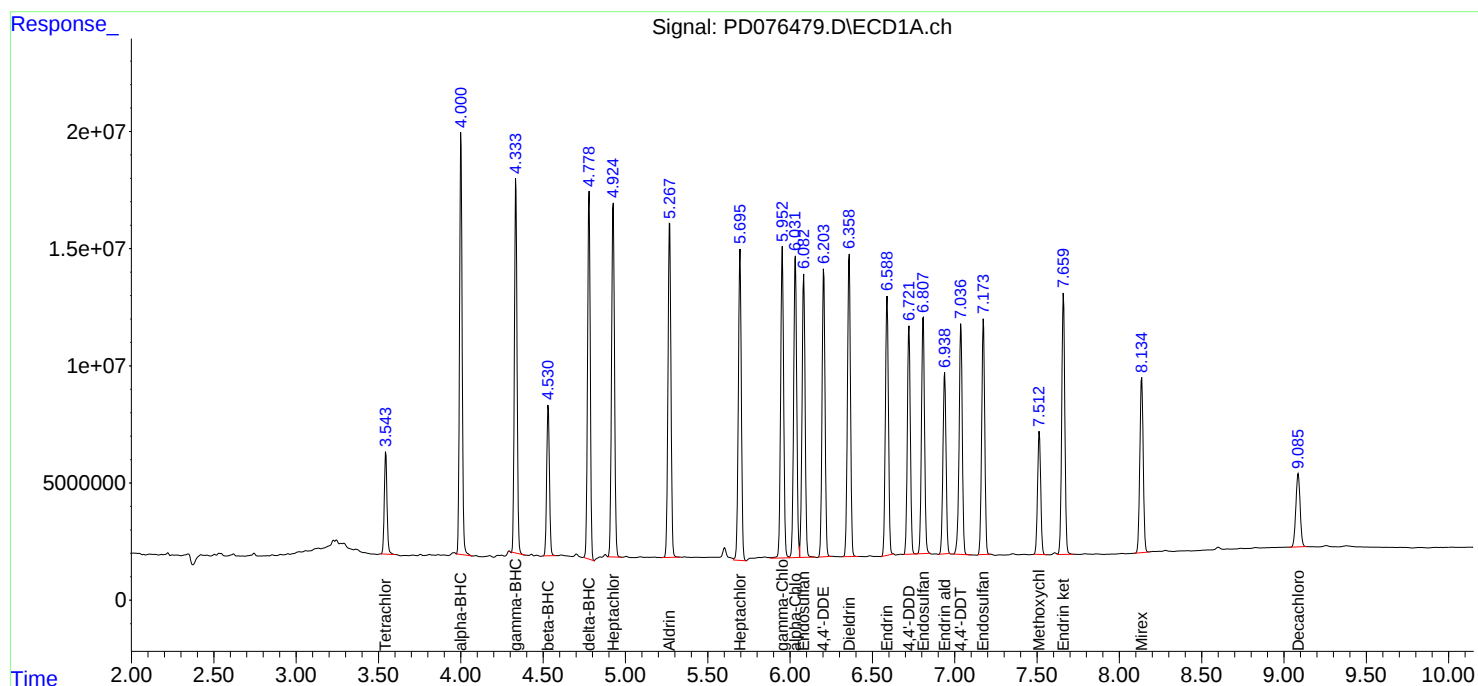
Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

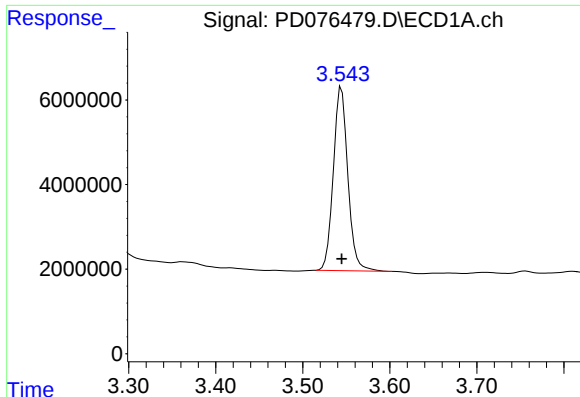
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 05:15:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 50409324
Conc: 15.39 ng/ml

Instrument :

ECD_D

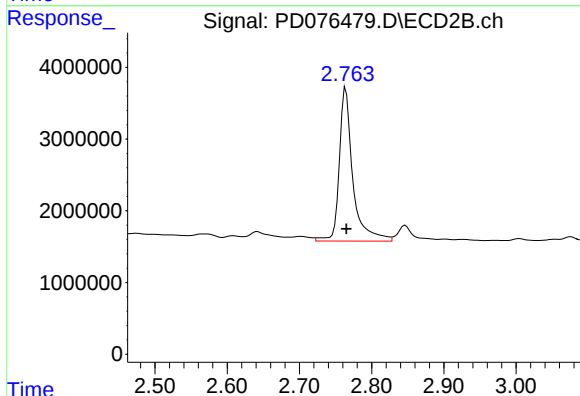
ClientSampleId :

WC-WWS-08MSD

Manual Integrations

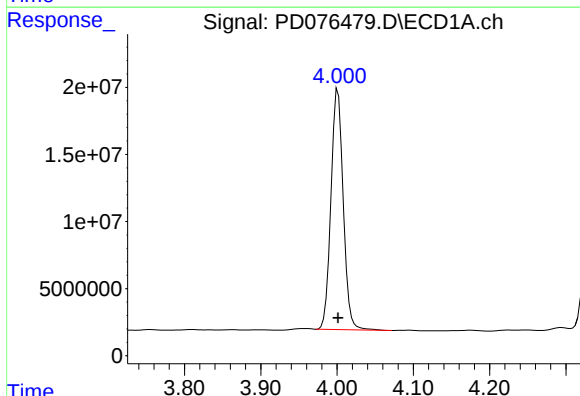
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



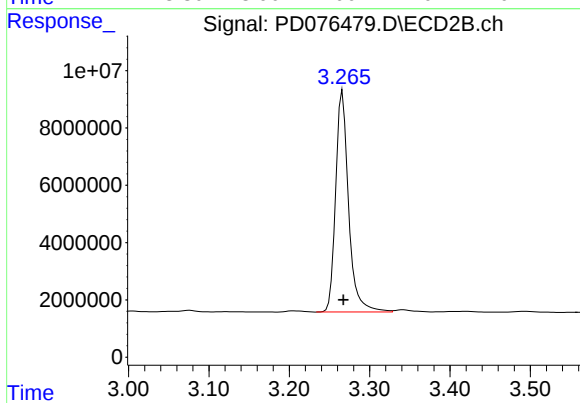
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 27894706
Conc: 17.56 ng/ml



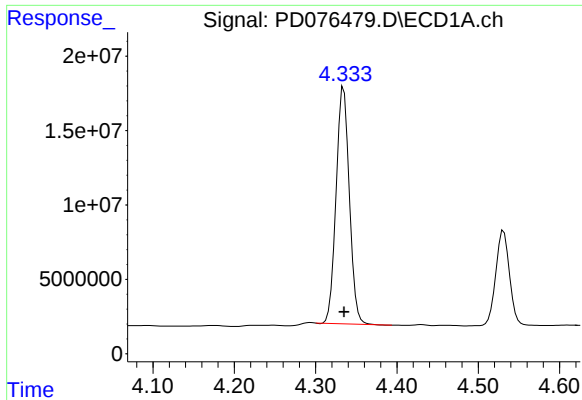
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 200338198
Conc: 34.59 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 86457049
Conc: 35.88 ng/ml



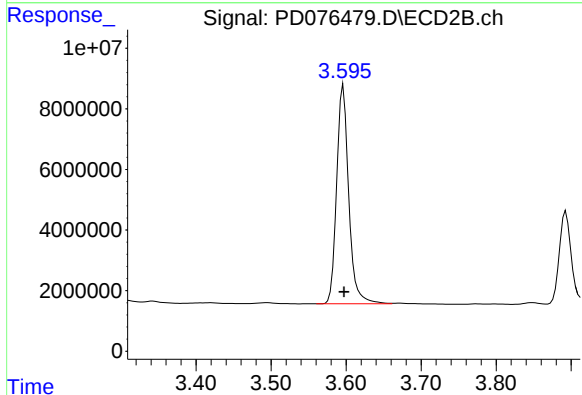
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 179793675
Conc: 34.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

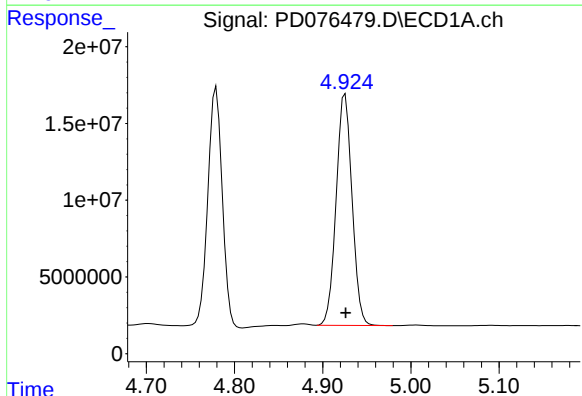
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



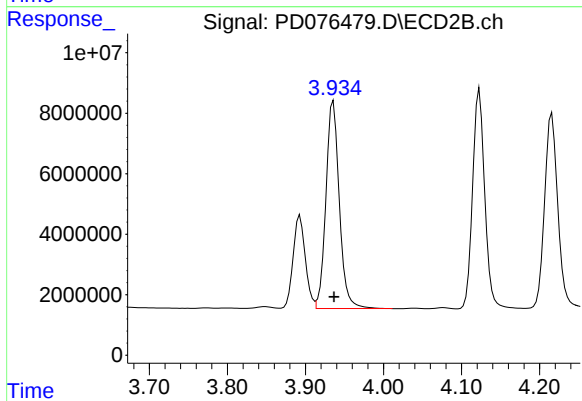
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 80760948
Conc: 36.28 ng/ml



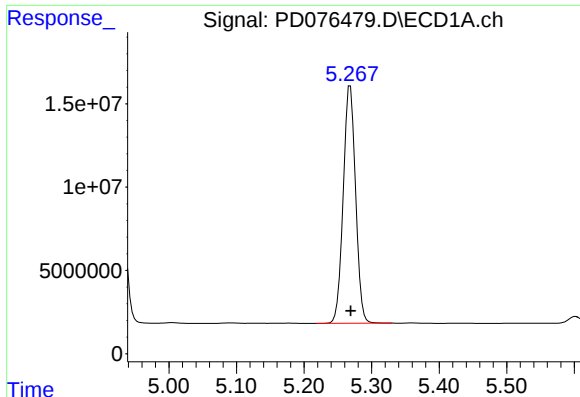
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 188566690
Conc: 34.28 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.001 min
Response: 81938082
Conc: 36.07 ng/ml



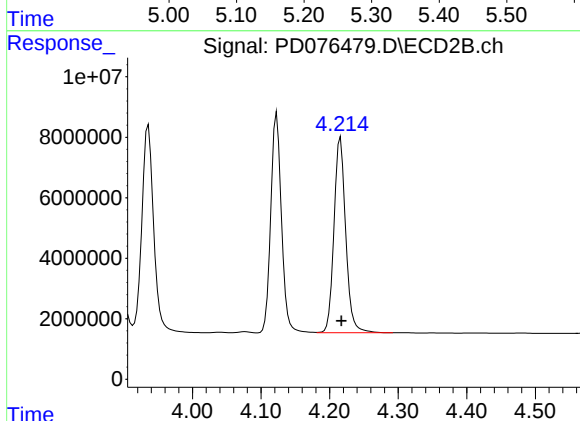
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 180681842
Conc: 33.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

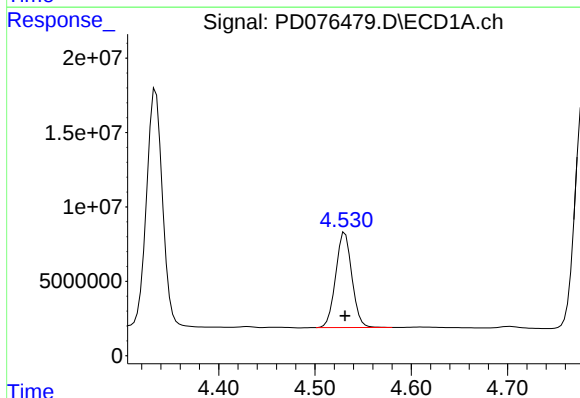
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



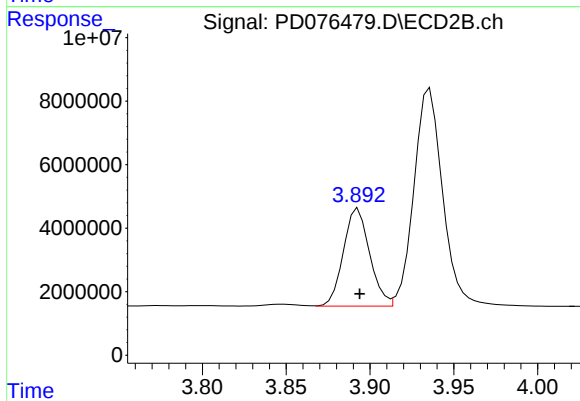
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 76935950
Conc: 34.71 ng/ml



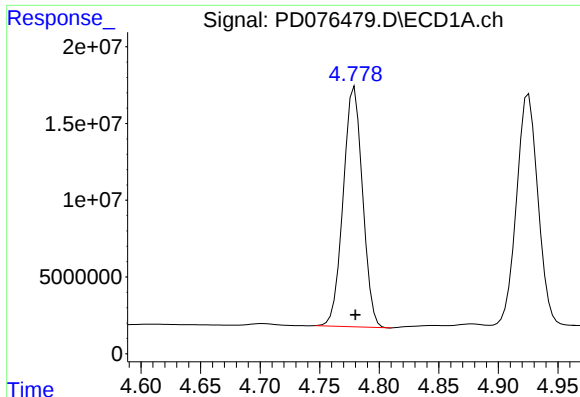
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 74704604
Conc: 35.64 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 33489346
Conc: 37.66 ng/ml



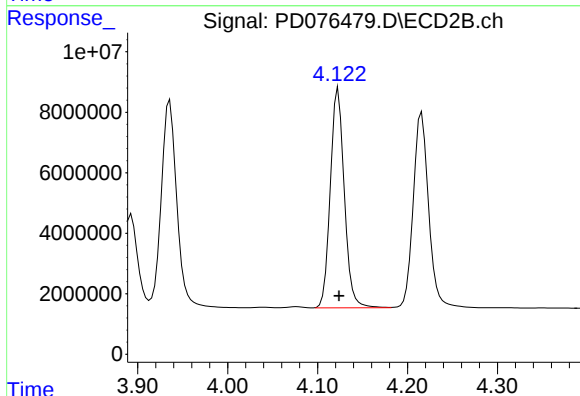
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 177159365
Conc: 34.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

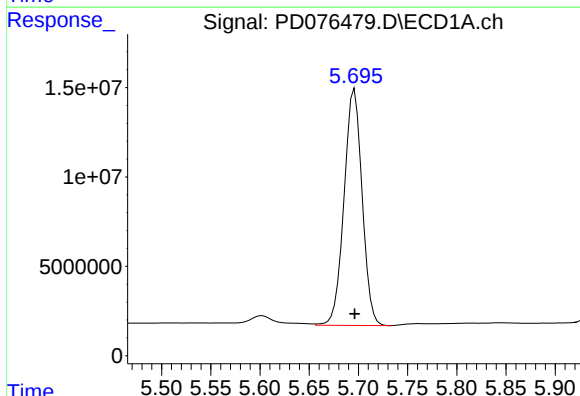
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



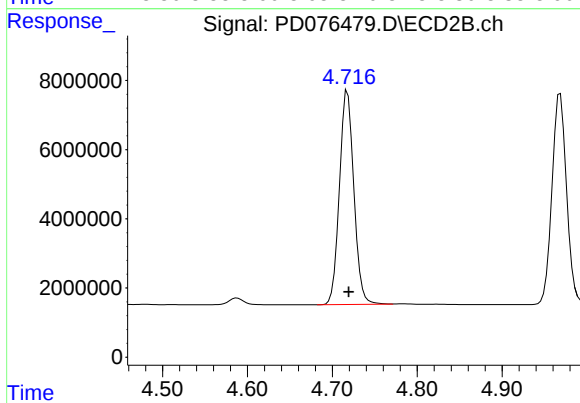
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 78655626
Conc: 37.41 ng/ml



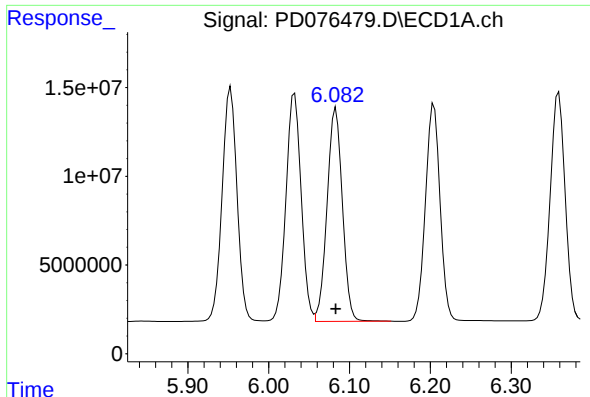
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 169047400
Conc: 35.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 72866258
Conc: 36.45 ng/ml



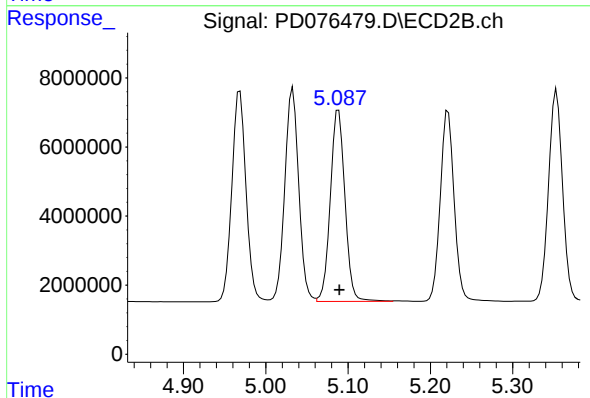
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 158395709
Conc: 35.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

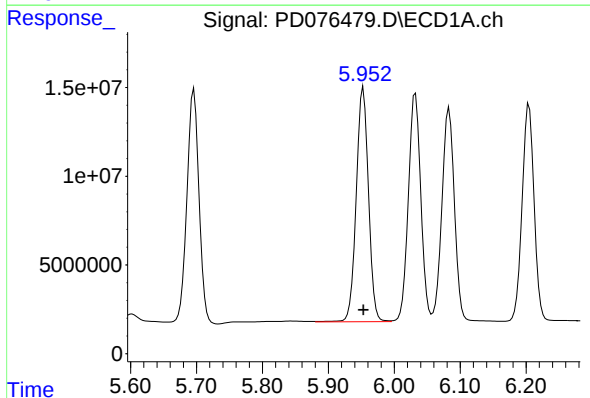
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



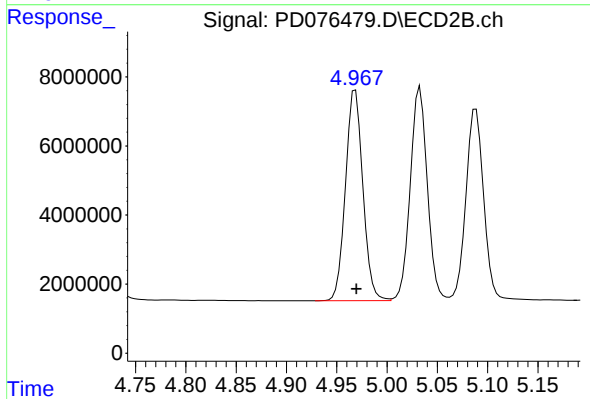
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 68482436
Conc: 36.57 ng/ml



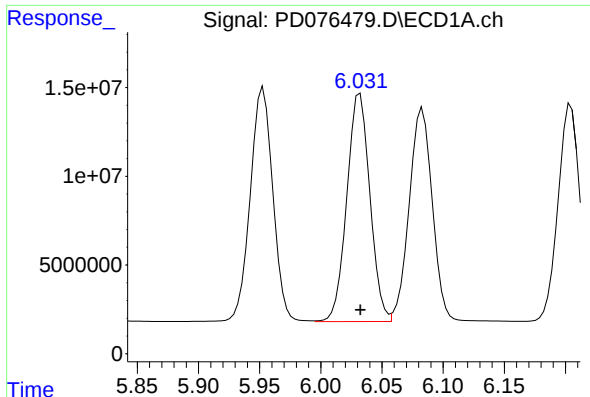
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 170636210
Conc: 35.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.001 min
Response: 73162787
Conc: 36.74 ng/ml



#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 168634705
Conc: 35.10 ng/ml

Instrument :

ECD_D

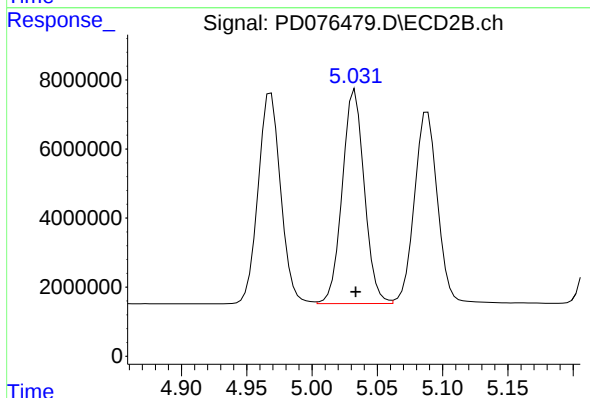
ClientSampleId :

WC-WWS-08MSD

Manual Integrations

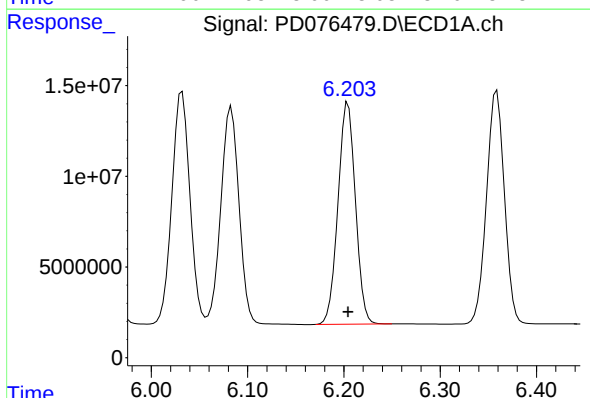
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



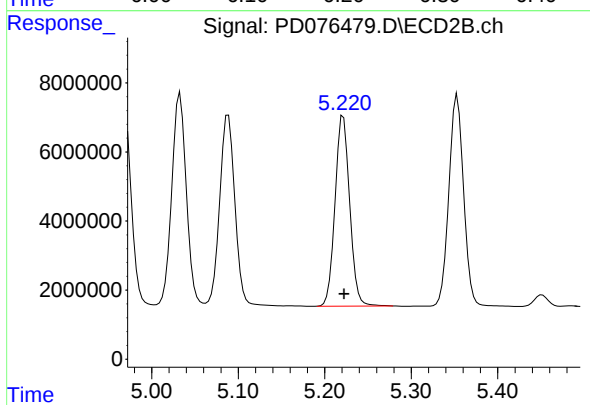
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 72819152
Conc: 36.64 ng/ml



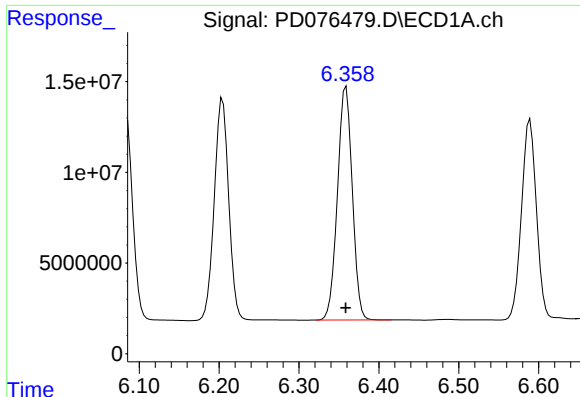
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 153640496
Conc: 36.19 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 64587525
Conc: 42.02 ng/ml



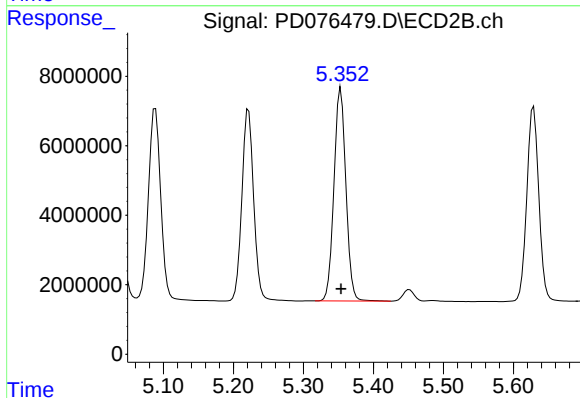
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 166059218
Conc: 35.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

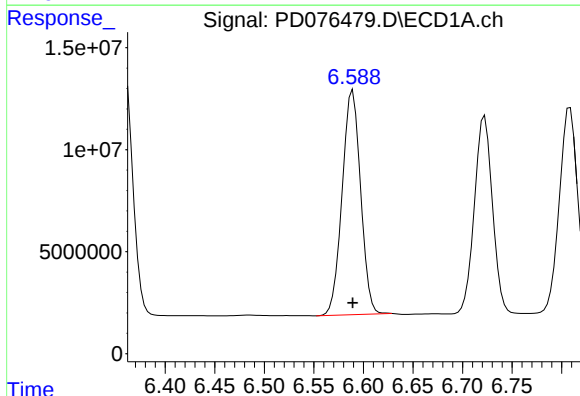
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



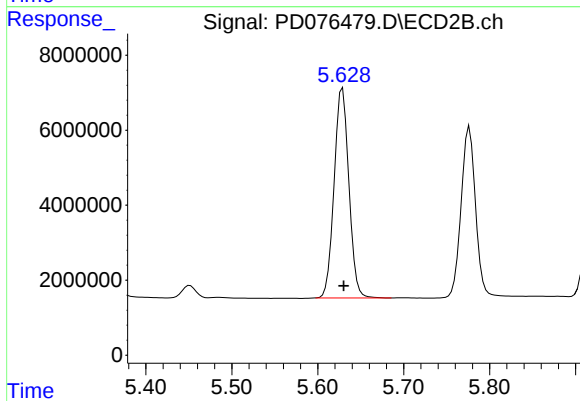
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 72530911
Conc: 36.82 ng/ml



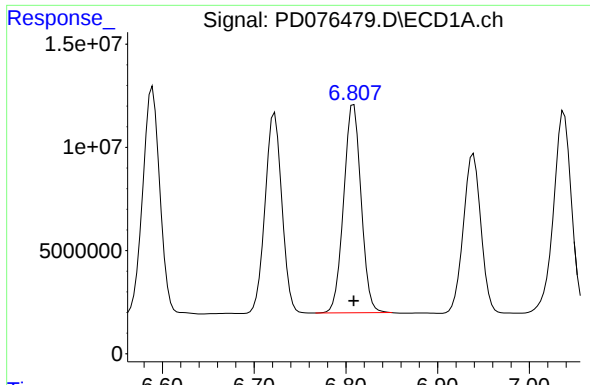
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 142513291
Conc: 35.80 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 66550266
Conc: 37.70 ng/ml



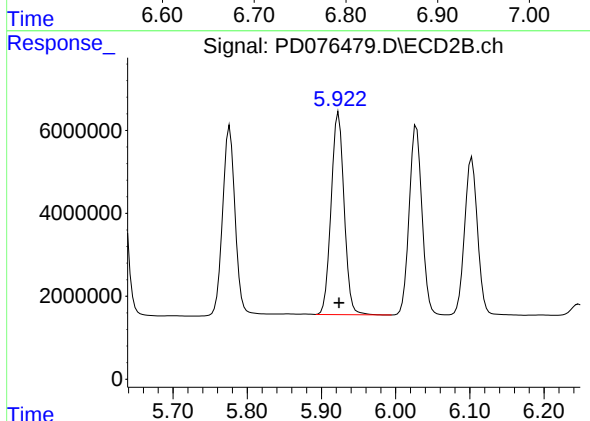
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 132845671
Conc: 35.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

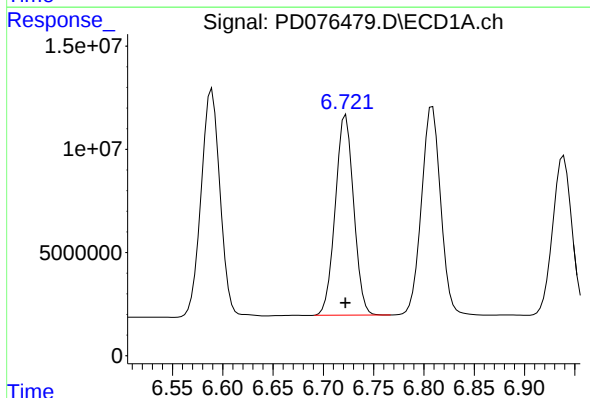
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



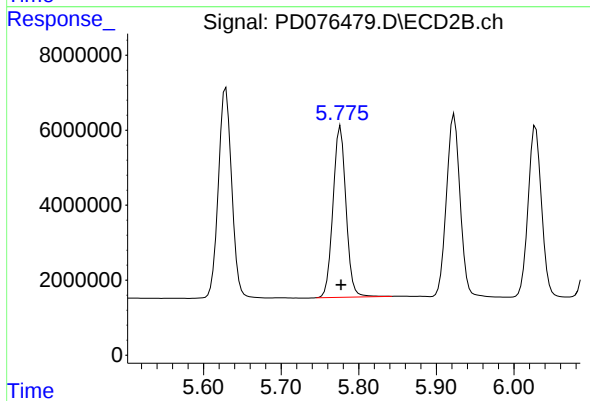
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 59388232
Conc: 38.27 ng/ml



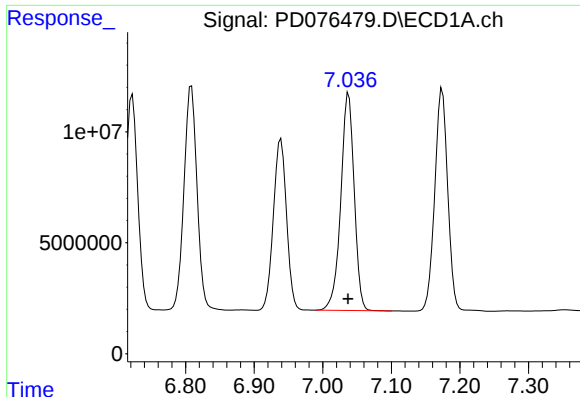
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 123034471
Conc: 36.62 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 53033941
Conc: 43.88 ng/ml



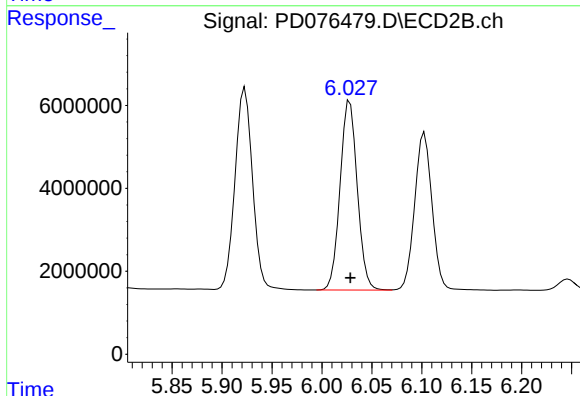
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 131687742
Conc: 37.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

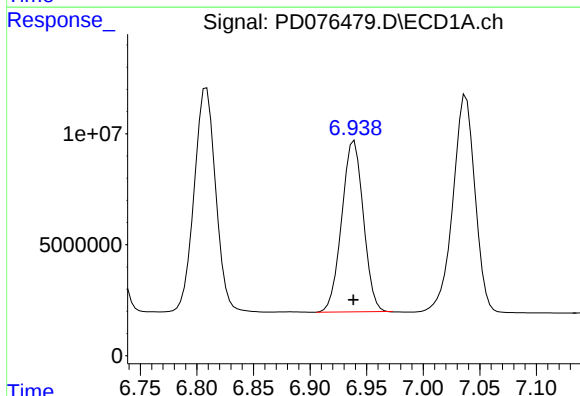
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



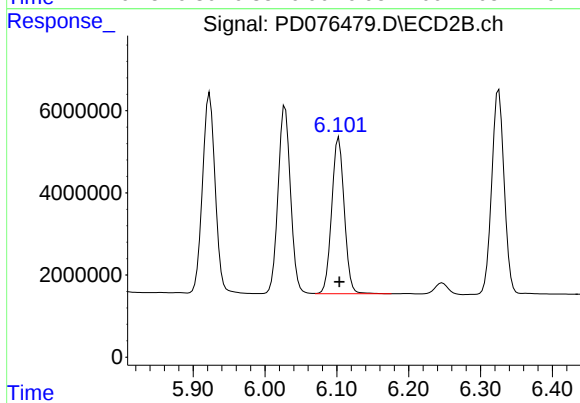
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 54776646
Conc: 45.26 ng/ml



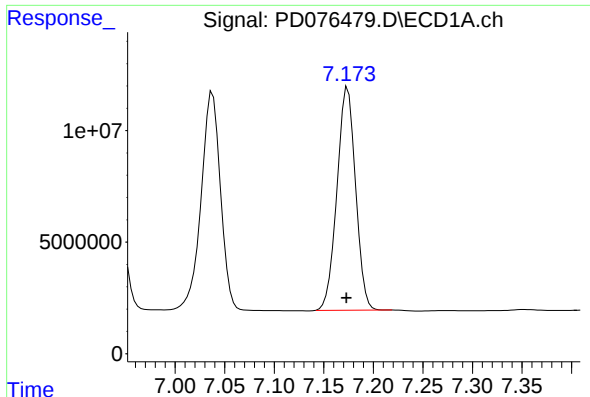
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 102436811
Conc: 37.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 46074535
Conc: 40.32 ng/ml



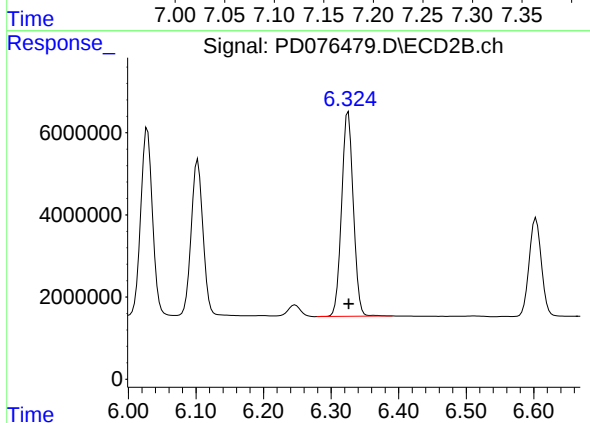
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.001 min
Response: 130647543
Conc: 35.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

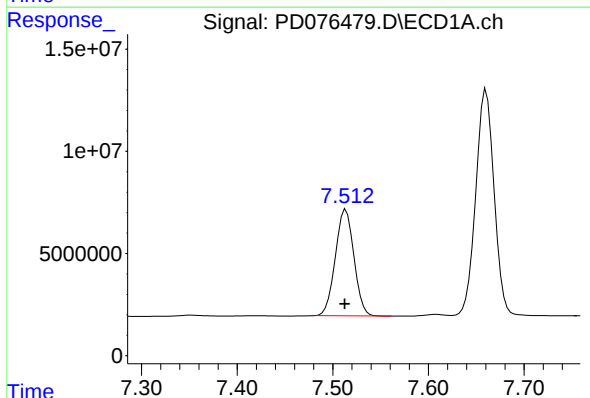
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



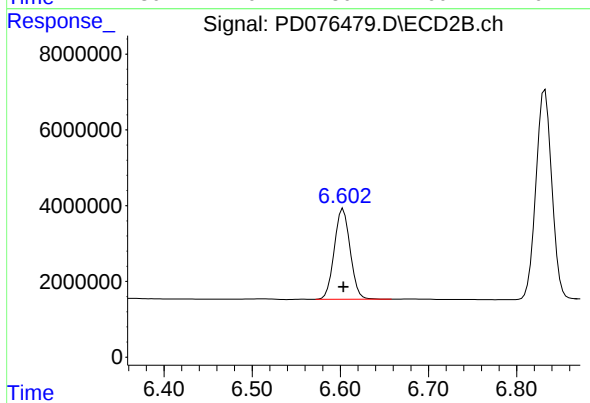
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 59945096
Conc: 39.45 ng/ml



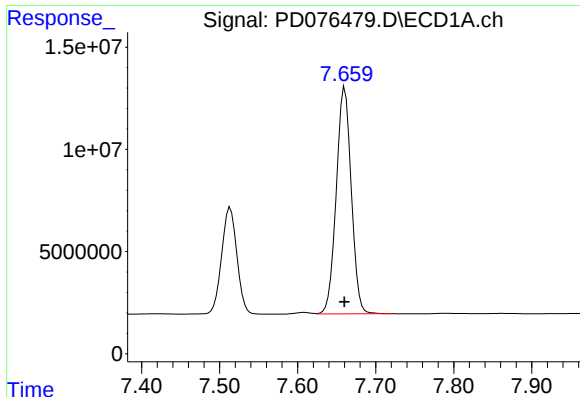
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.001 min
Response: 70235088
Conc: 36.75 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 29942256
Conc: 46.89 ng/ml



#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 148274828
Conc: 35.52 ng/ml

Instrument :

ECD_D

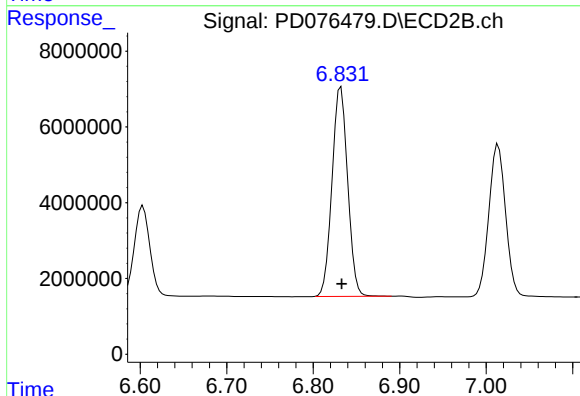
ClientSampleId :

WC-WWS-08MSD

Manual Integrations

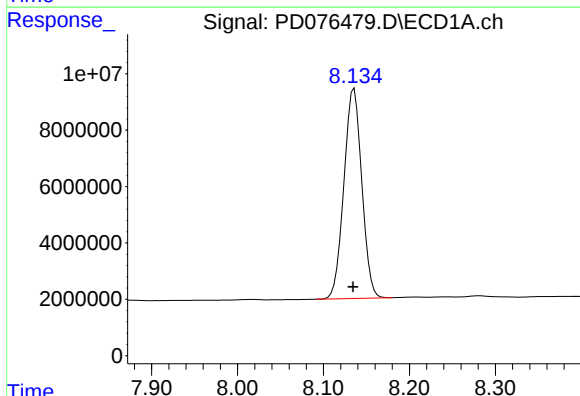
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



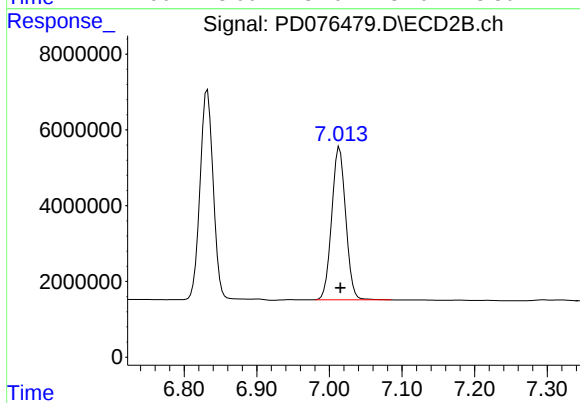
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 69243680
Conc: 39.62 ng/ml



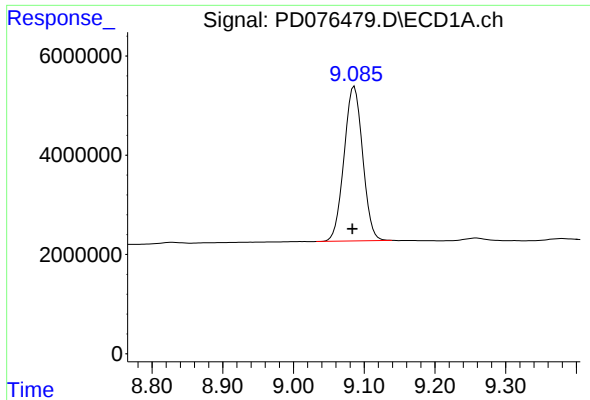
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 107774629
Conc: 34.11 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 54043287
Conc: 36.46 ng/ml



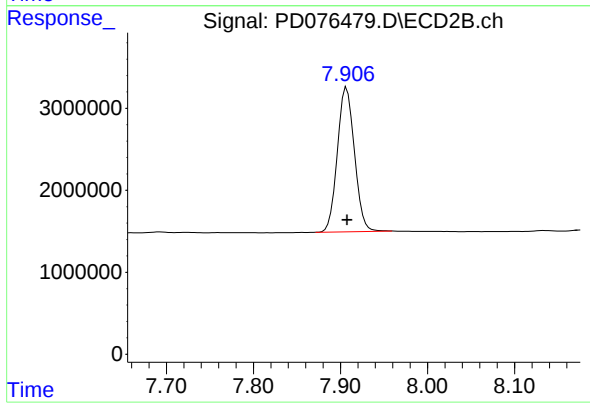
#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.003 min
Response: 56964445
Conc: 16.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-WWS-08MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 24063255
Conc: 19.12 ng/ml