Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081823\
Data File : PL084824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Aug 2023 08:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 21:36:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.477	2.686	51535867	23564404	22.181	21.670
28)	SA Decachlor...	9.029	7.867	34816077	26238455	21.398	21.045
	Target Compounds						
2)	A alpha-BHC	3.936	3.190	35362810	16063656	10.711	10.403
3)	MA gamma-BHC...	4.269	3.521	34695068	15213275	10.876	10.012
6)	B beta-BHC	4.469	3.823	17363253	7940522	12.430	11.851
12)	B 4,4'-DDE	6.150	5.164	692898	299398	0.302	0.243
14)	MA Endrin	6.527	5.560	101.0E6	61002204	46.311	49.871
16)	A 4,4'-DDD	6.670	5.721	6690668	3467393	3.991	3.356
17)	MA 4,4'-DDT	6.986	5.974	189.0E6	127.4E6	100.864	109.752
18)	B Endrin al...	6.879	6.040	4020064	2553207	2.383	2.574
20)	A Methoxychlor	7.468	6.558	229.0E6	162.2E6	238.645	236.402
21)	B Endrin ke...	7.598	6.767	7223062	5467558	3.611m	3.789m

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081823\
Data File : PL084824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Aug 2023 08:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

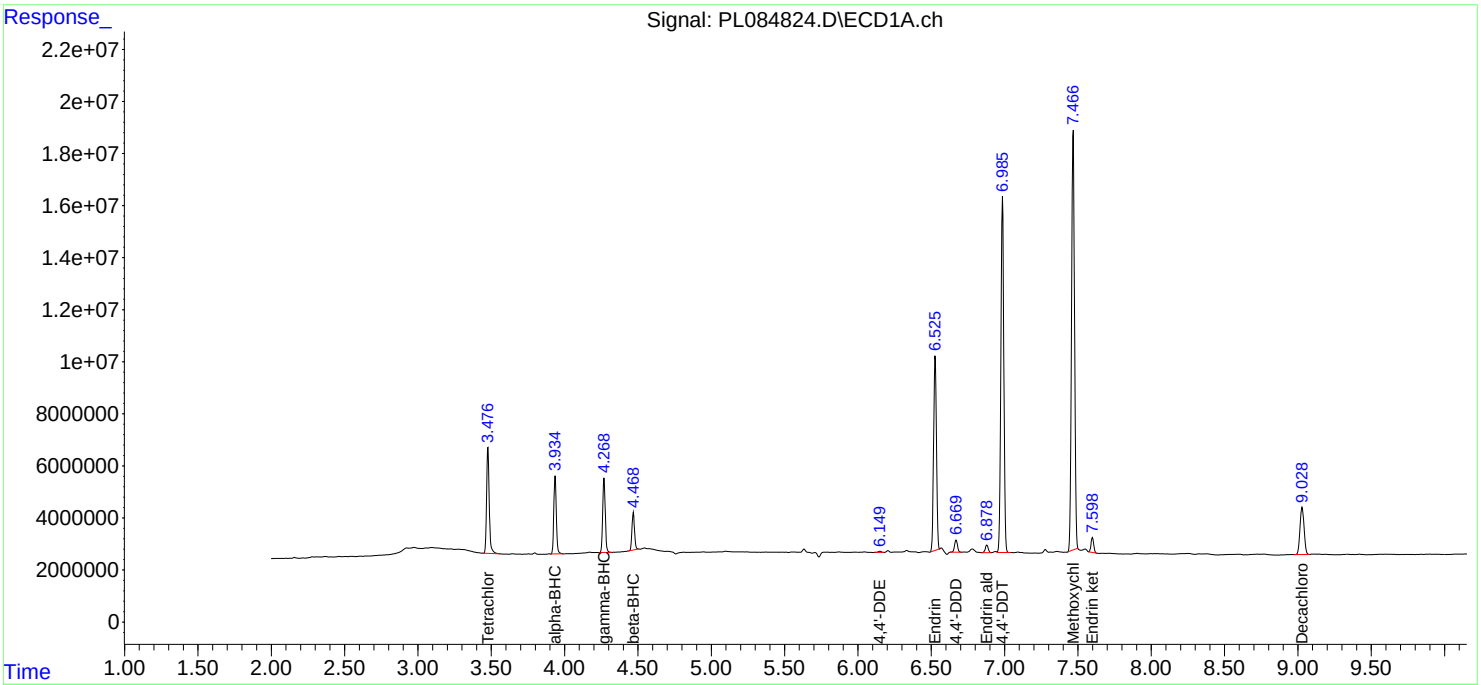
Instrument :
ECD_L
ClientSampleId :
PEM

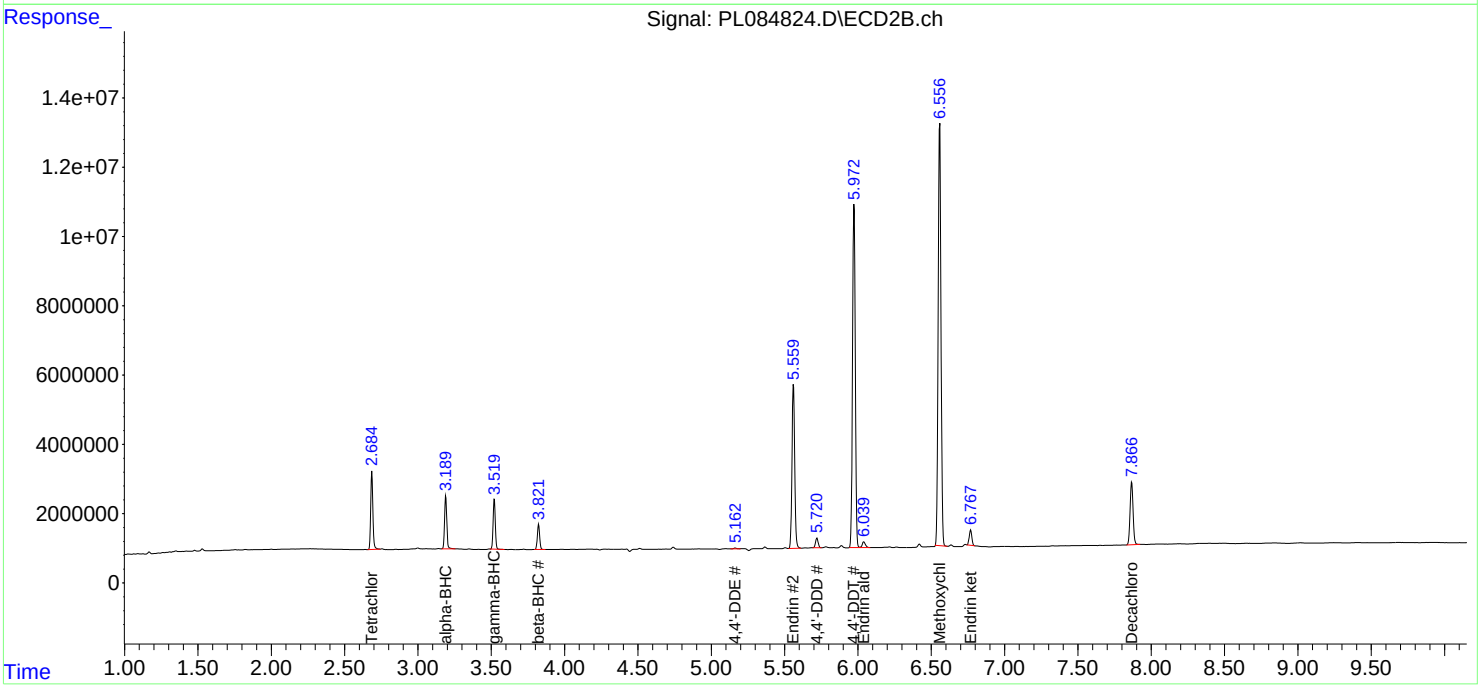
Manual Integrations APPROVED

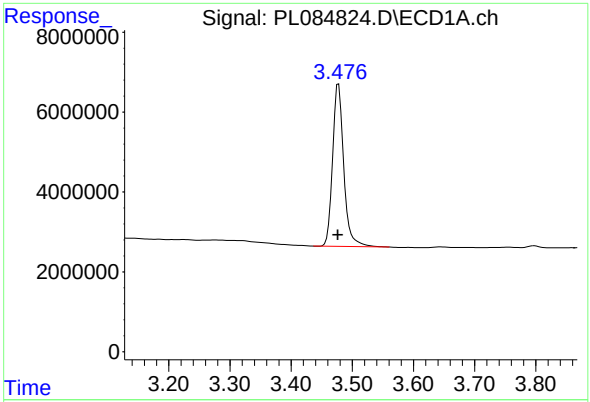
Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 21:36:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm







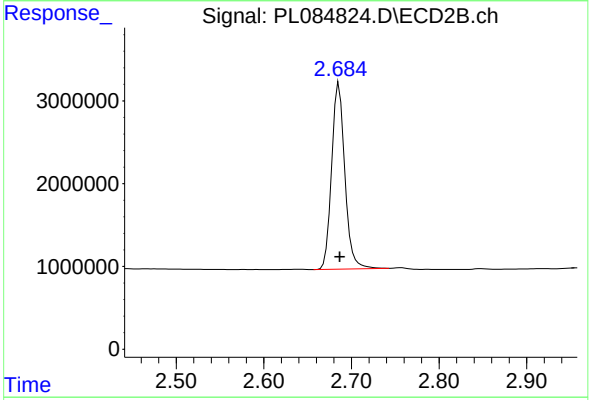
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 51535867
Conc: 22.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

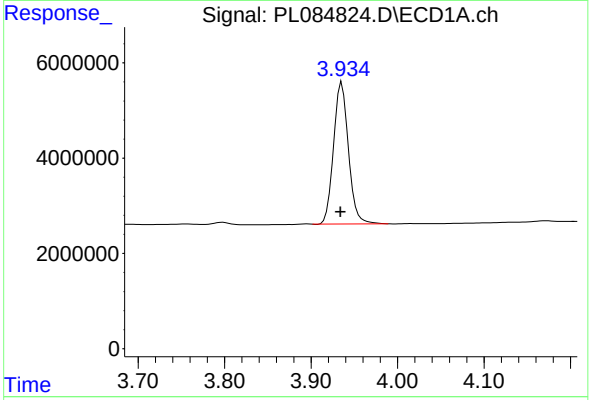
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023



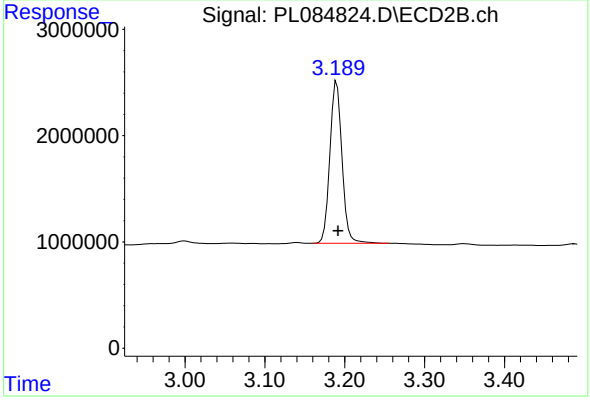
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.001 min
Response: 23564404
Conc: 21.67 ng/ml



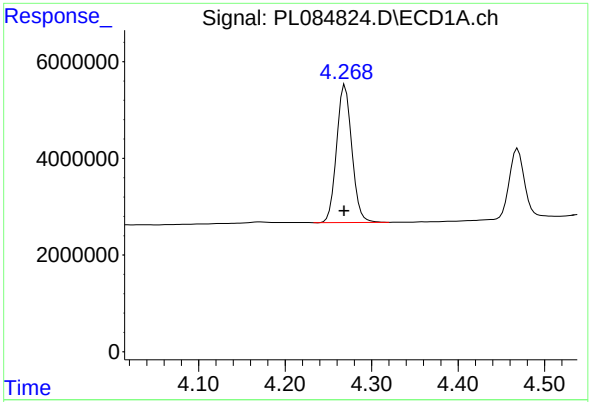
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 35362810
Conc: 10.71 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 16063656
Conc: 10.40 ng/ml



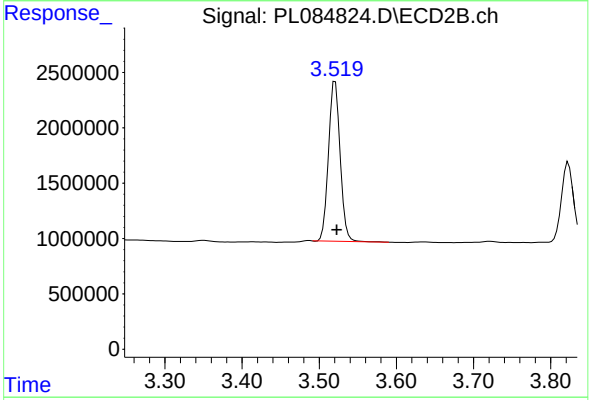
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 34695068
Conc: 10.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

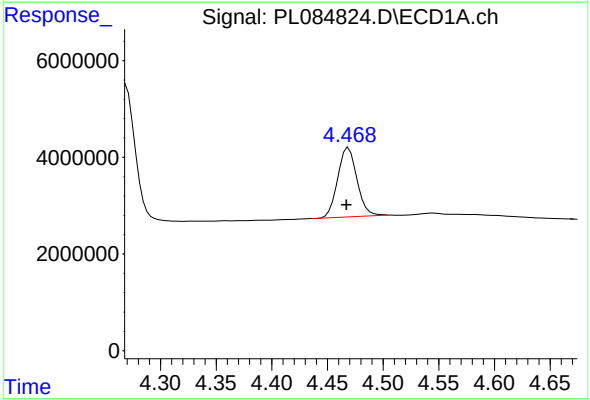
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023



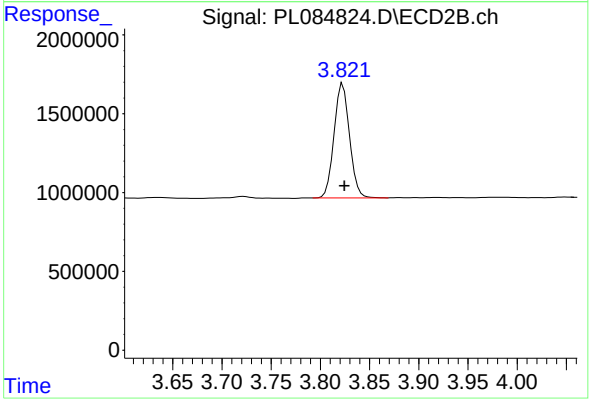
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 15213275
Conc: 10.01 ng/ml



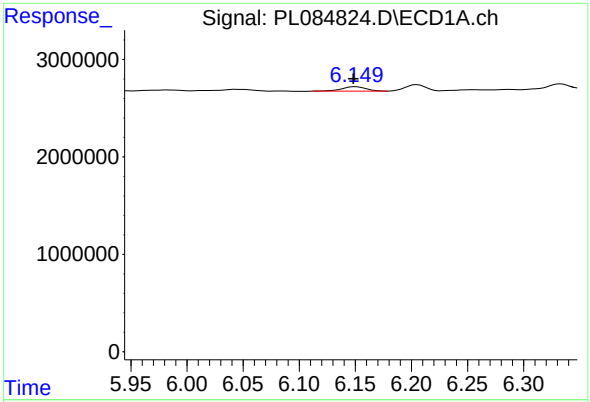
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 17363253
Conc: 12.43 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.001 min
Response: 7940522
Conc: 11.85 ng/ml



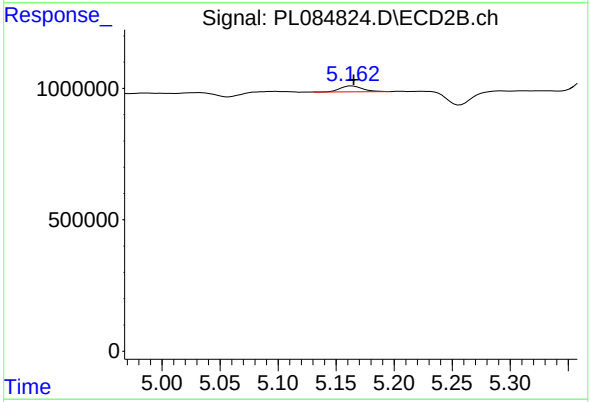
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 692898
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

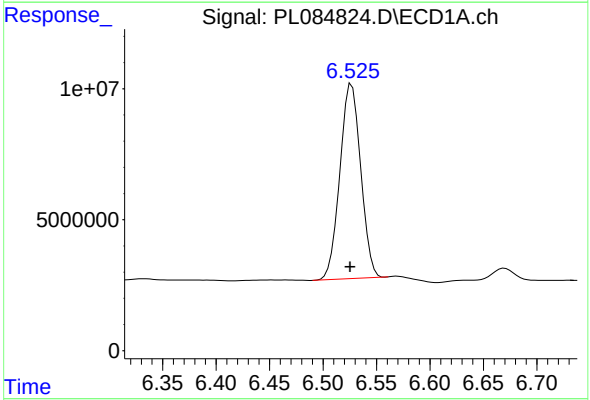
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023



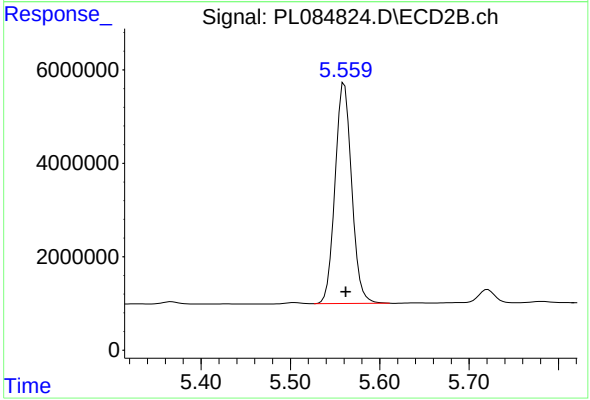
#12 4,4'-DDE

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 299398
Conc: 0.24 ng/ml



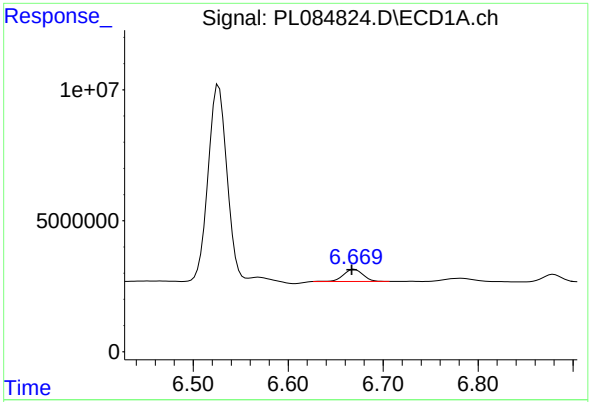
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 101004515
Conc: 46.31 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.001 min
Response: 61002204
Conc: 49.87 ng/ml



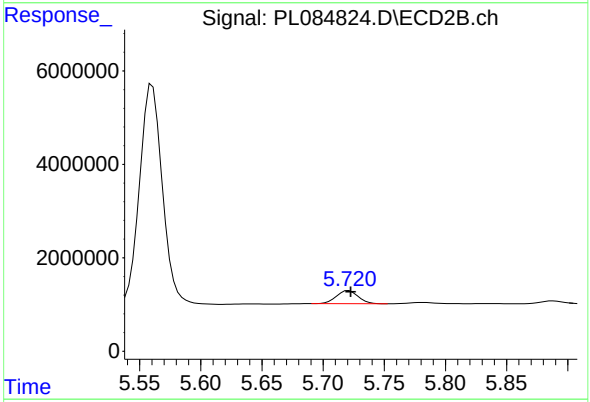
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 6690668
Conc: 3.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

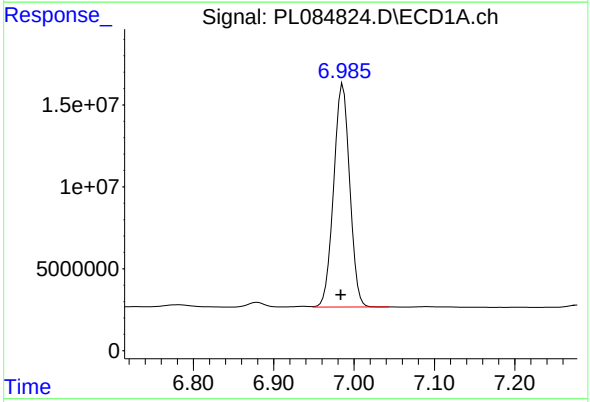
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023



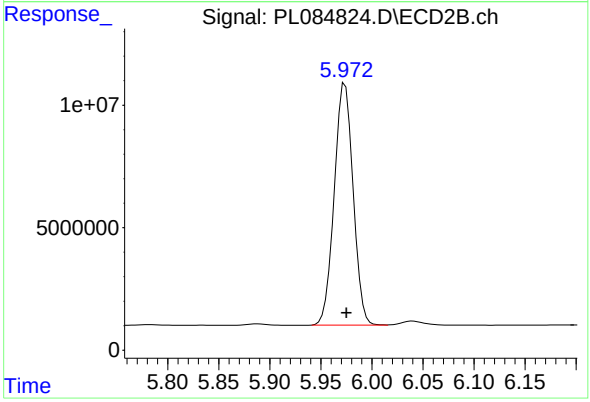
#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 3467393
Conc: 3.36 ng/ml



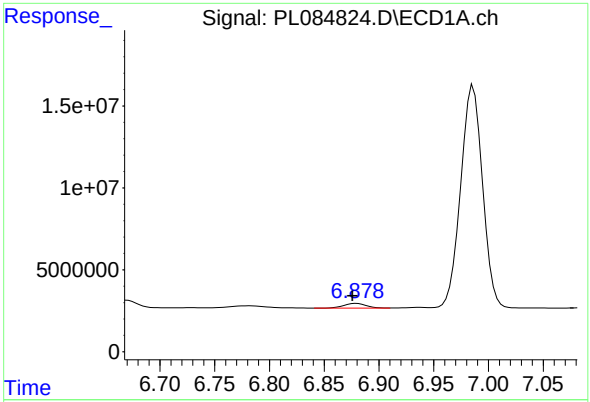
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.003 min
Response: 188989503
Conc: 100.86 ng/ml



#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 127373249
Conc: 109.75 ng/ml



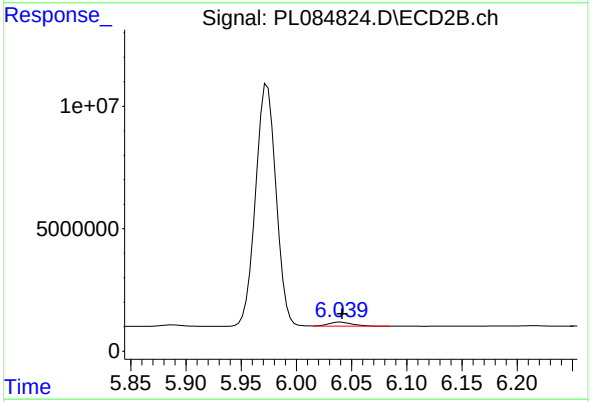
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.004 min
Response: 4020064
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

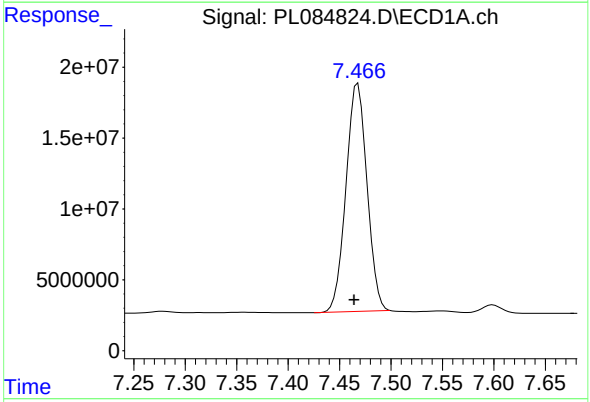
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023



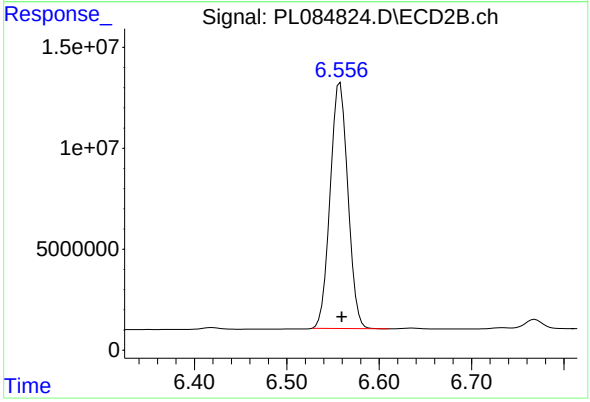
#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 2553207
Conc: 2.57 ng/ml



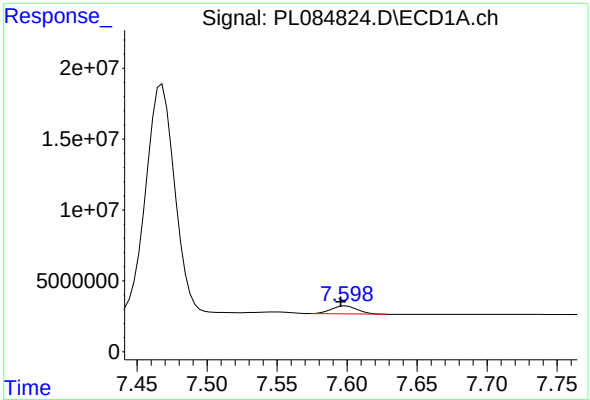
#20 Methoxychlor

R.T.: 7.468 min
Delta R.T.: 0.004 min
Response: 229024919
Conc: 238.65 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 162195458
Conc: 236.40 ng/ml



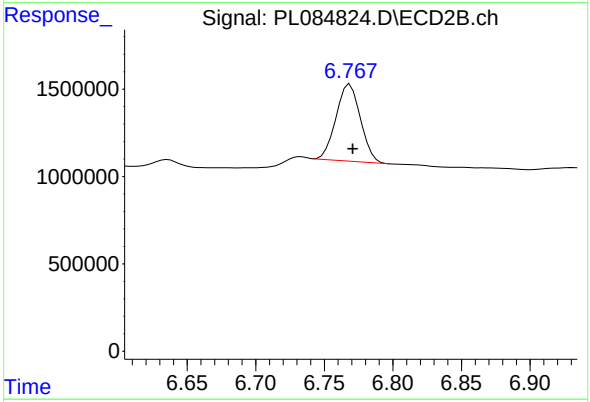
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 7223062
Conc: 3.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

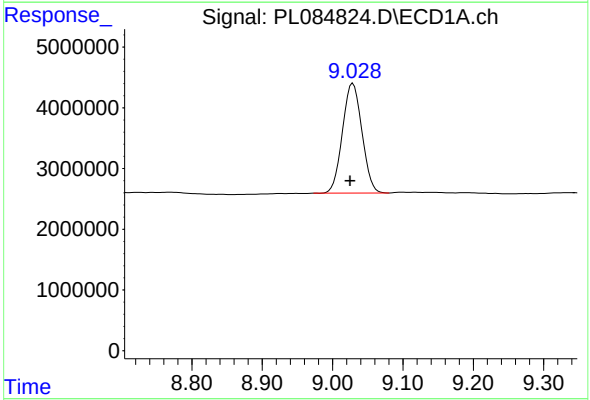
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2023
Supervised By :Ankita Jodhani 08/18/2023



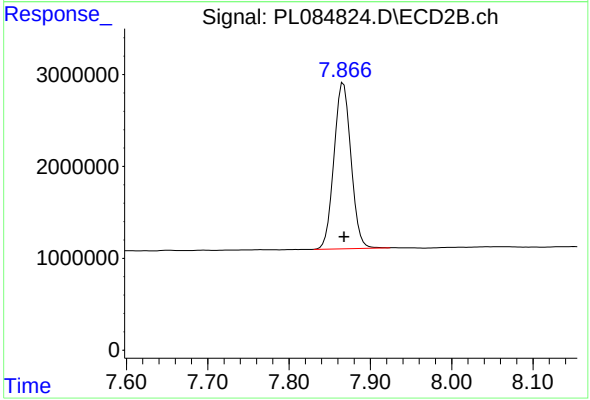
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 5467558
Conc: 3.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 34816077
Conc: 21.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 26238455
Conc: 21.04 ng/ml