Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113023\
Data File : PL086882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Nov 2023 11:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 29 20:10:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 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...	3.342	2.610	62570696	17431302	19.571	19.166
28)	SA Decachlor...	8.843	7.760	55448731	23252240	20.770	21.089
	Target Compounds						
2)	A alpha-BHC	3.796	3.108	43047911	11390191	9.297	8.969
3)	MA gamma-BHC...	4.128	3.435	40874471	10911362	9.343	8.930
6)	B beta-BHC	4.332	3.738	19001723	5866533	10.158	11.088
12)	B 4,4'-DDE	6.005	5.065	1572934	357704	0.520m	0.390m#
14)	MA Endrin	6.375	5.459	131.8E6	44636743	51.147	52.962
16)	A 4,4'-DDD	6.527	5.625	855459	277804	0.365m	0.360m
17)	MA 4,4'-DDT	6.840	5.874	270.7E6	94752095	105.466	117.490
18)	B Endrin al...	6.730	5.940	5647628	2060371	2.647	2.949
20)	A Methoxychlor	7.327	6.458	362.4E6	139.3E6	274.415	270.699
21)	B Endrin ke...	7.447	6.664	8164301	3158773	2.731m	2.767m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113023\
Data File : PL086882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Nov 2023 11:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

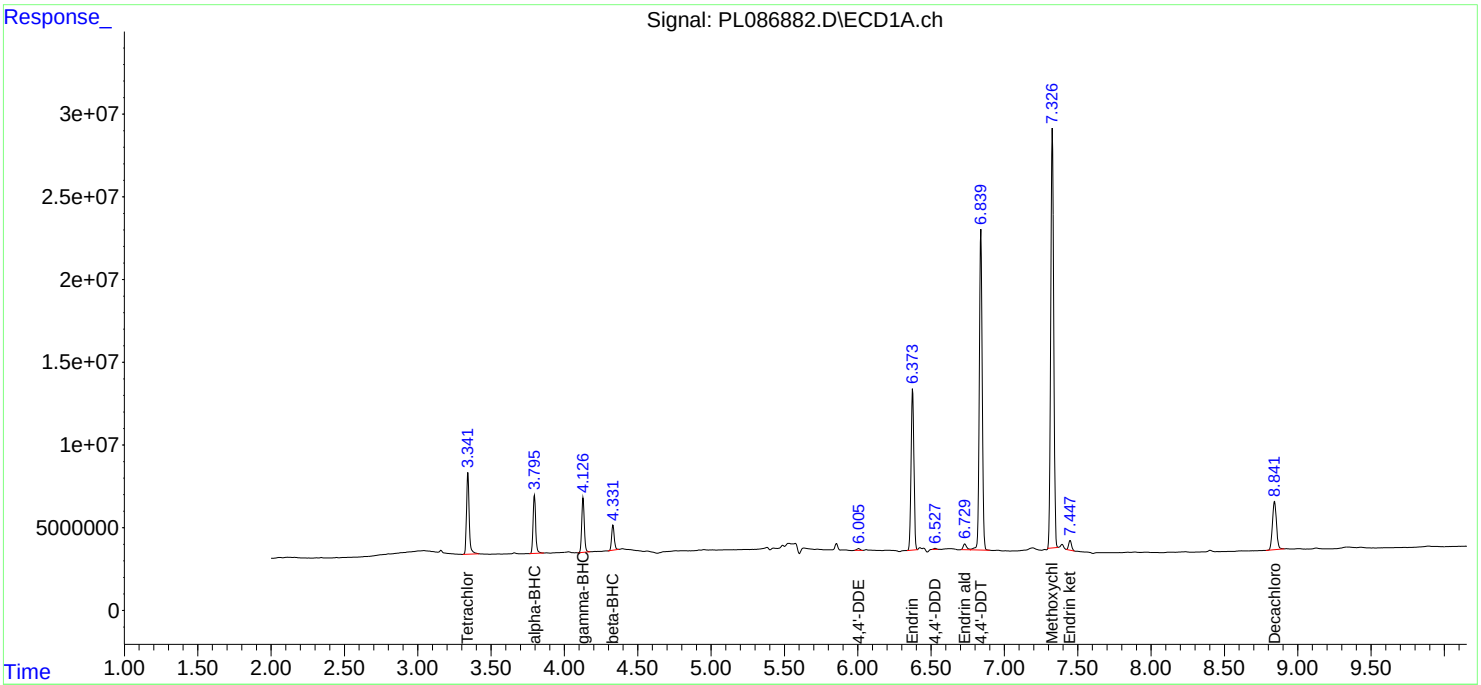
Instrument :
ECD_L
ClientSampleId :
PEM

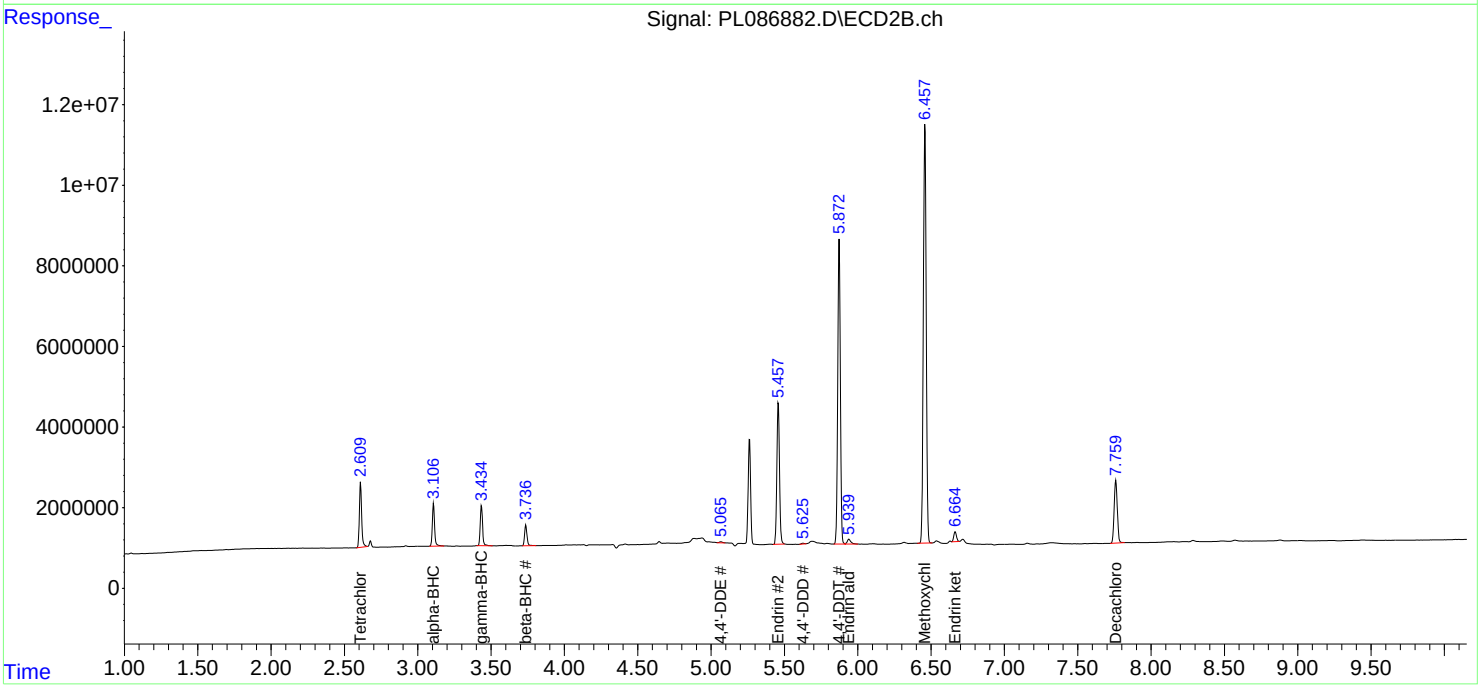
Manual Integrations APPROVED

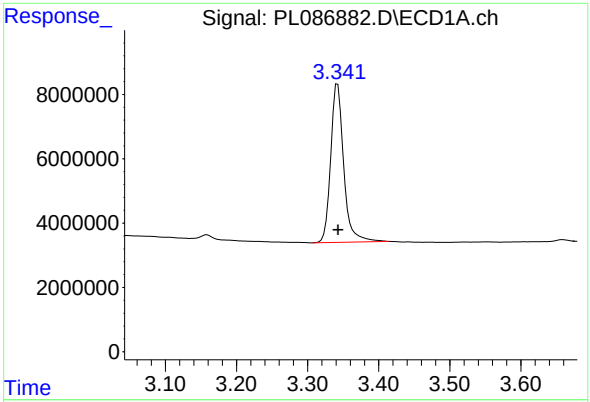
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 29 20:10:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 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







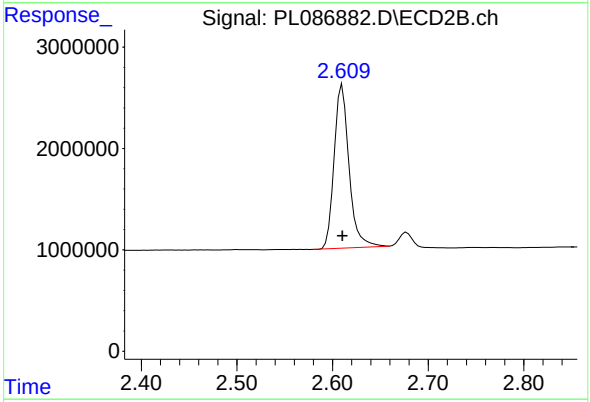
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 62570696
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

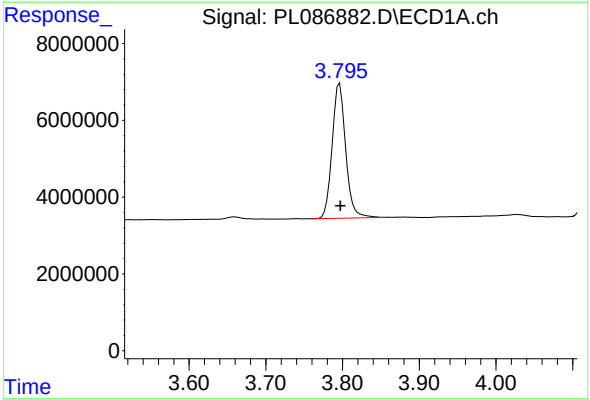
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



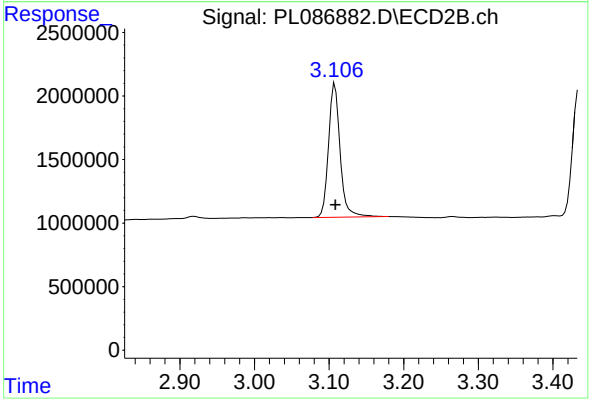
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 17431302
Conc: 19.17 ng/ml



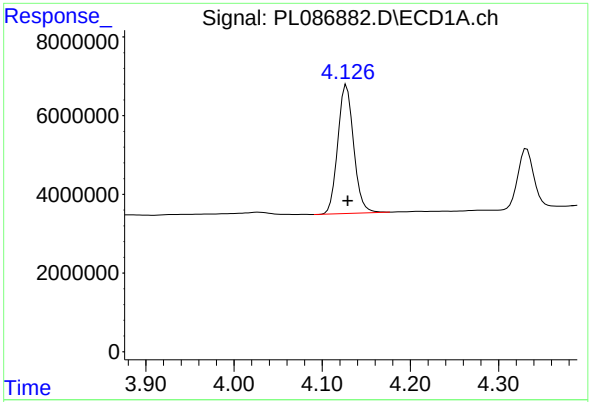
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 43047911
Conc: 9.30 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 11390191
Conc: 8.97 ng/ml



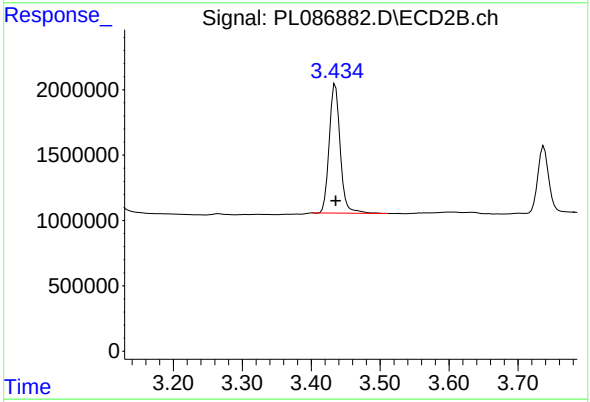
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 40874471
Conc: 9.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

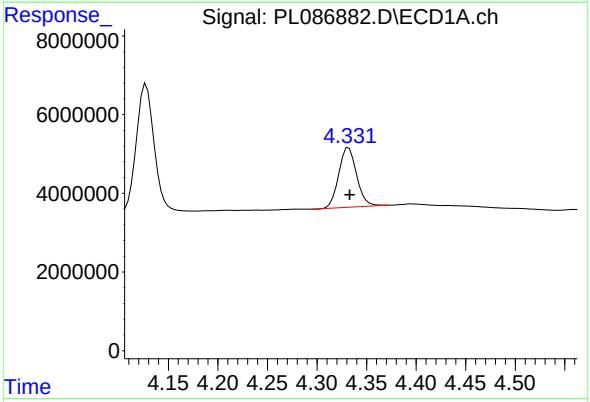
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



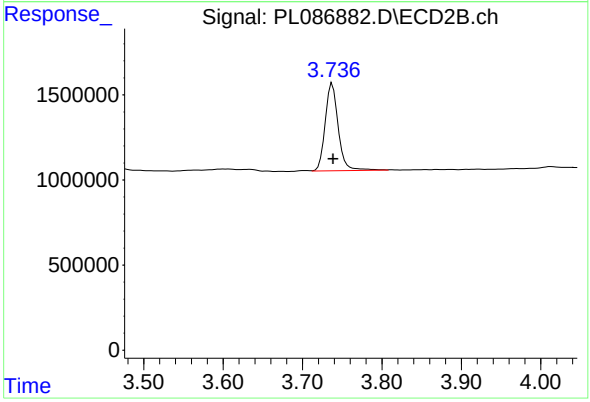
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 10911362
Conc: 8.93 ng/ml



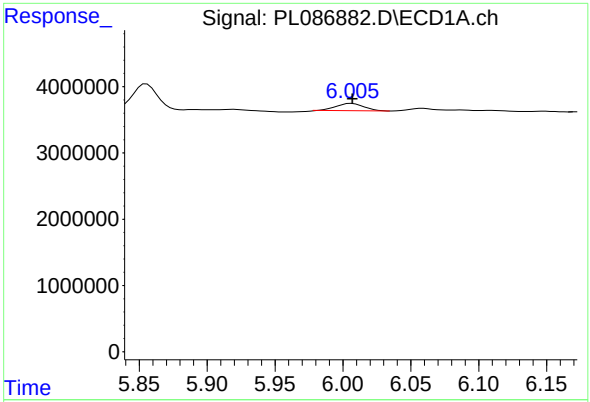
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 19001723
Conc: 10.16 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 5866533
Conc: 11.09 ng/ml



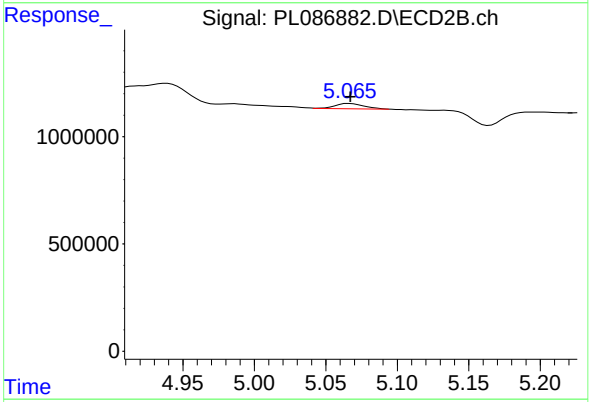
#12 4,4'-DDE

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 1572934
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

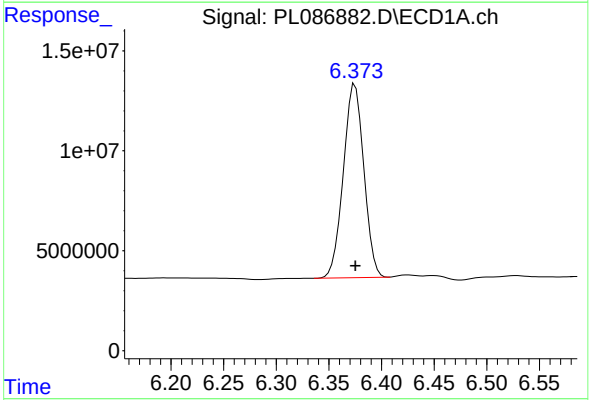
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



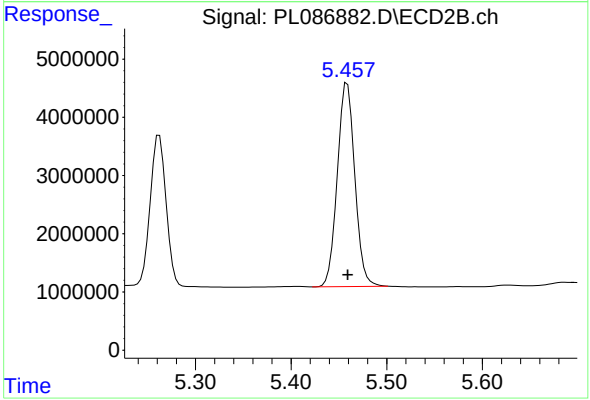
#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.002 min
Response: 357704
Conc: 0.39 ng/ml m



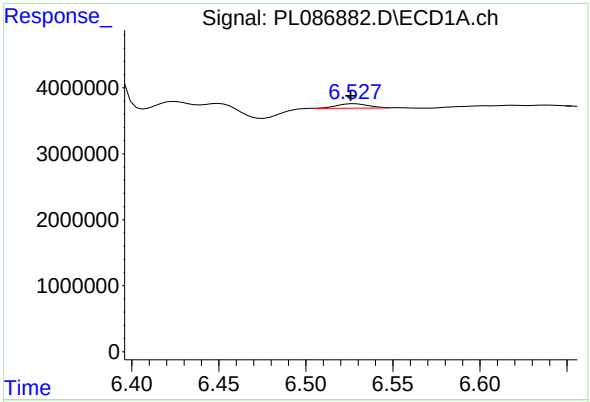
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 131838972
Conc: 51.15 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 44636743
Conc: 52.96 ng/ml



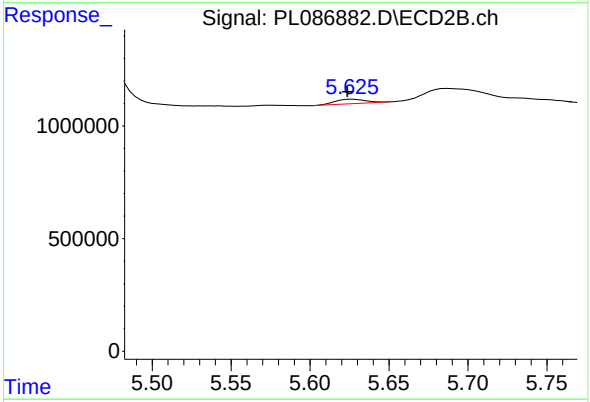
#16 4,4'-DDD

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 855459
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

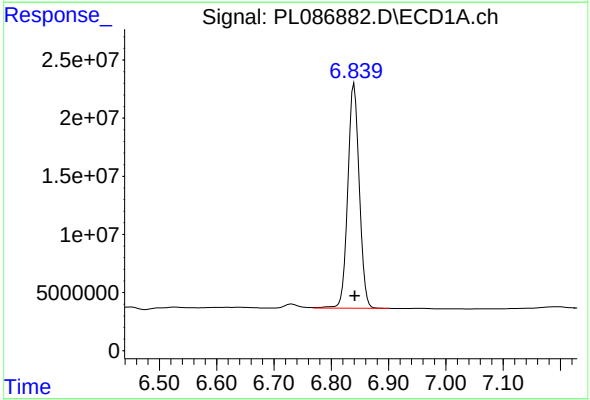
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



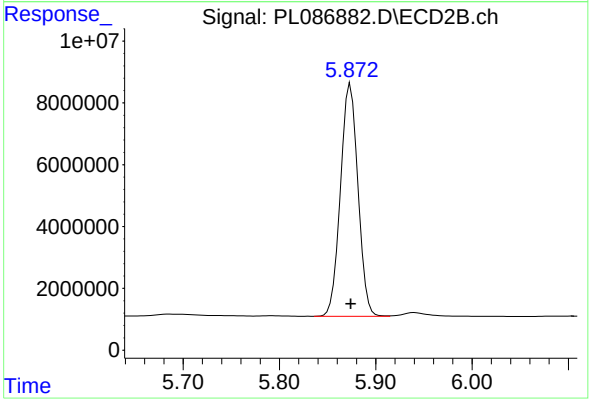
#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: 0.001 min
Response: 277804
Conc: 0.36 ng/ml m



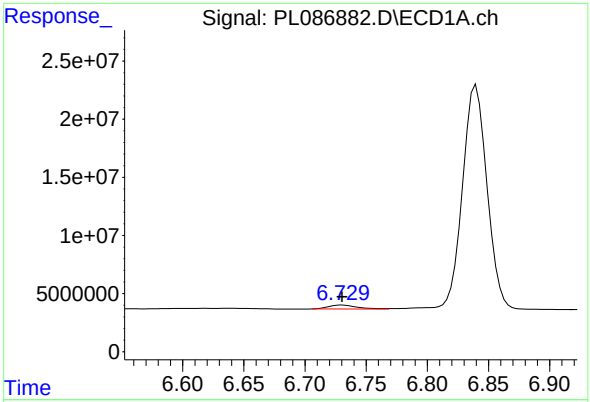
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 270696389
Conc: 105.47 ng/ml



#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 94752095
Conc: 117.49 ng/ml



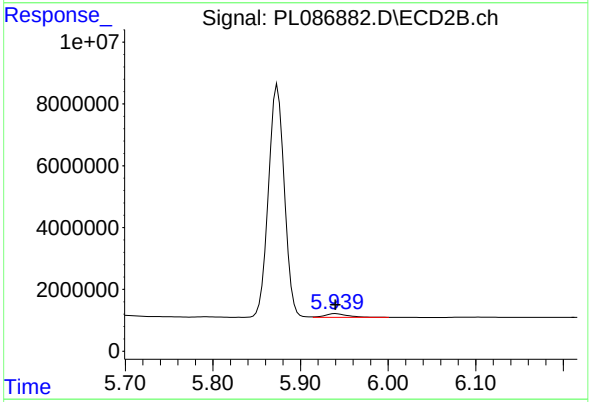
#18 Endrin aldehyde

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 5647628
Conc: 2.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

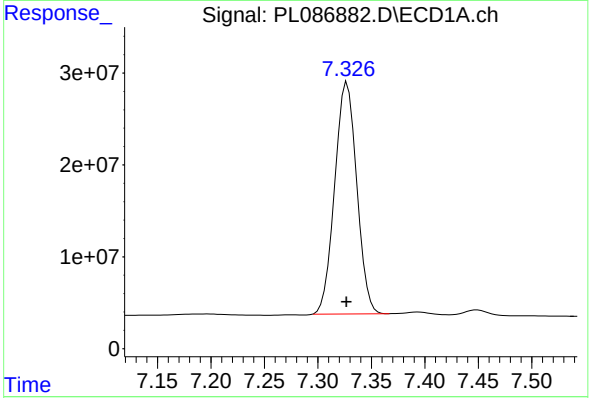
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



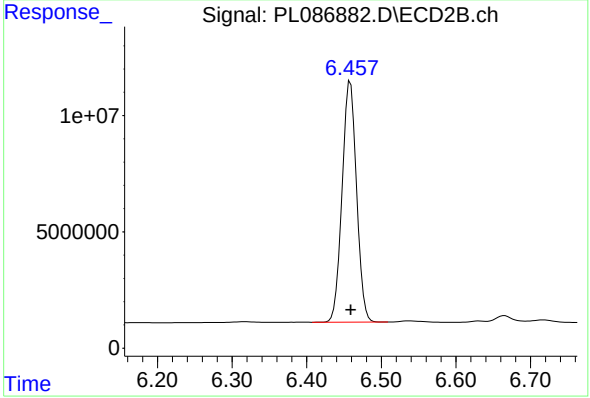
#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 2060371
Conc: 2.95 ng/ml



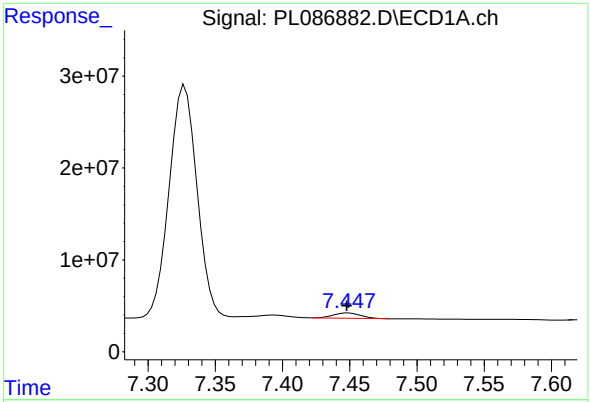
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 362359809
Conc: 274.41 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 139334352
Conc: 270.70 ng/ml



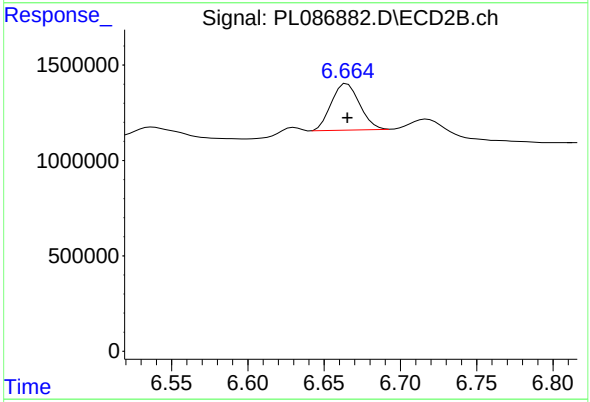
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 8164301
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

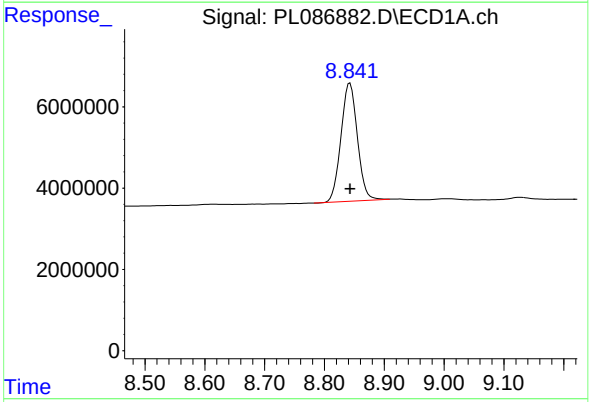
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



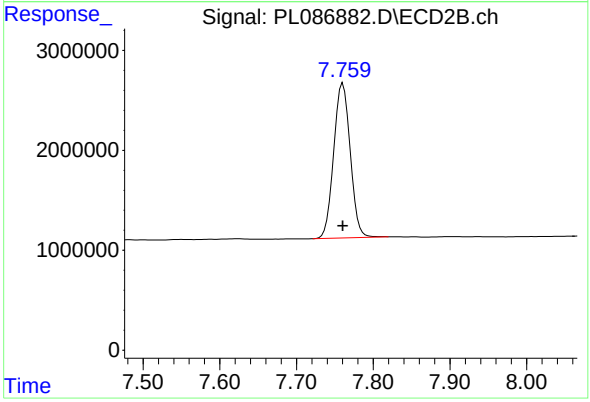
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 3158773
Conc: 2.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 55448731
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 23252240
Conc: 21.09 ng/ml