Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051624\
Data File : PL089553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2024 02:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 04:10:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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...	3.551	2.797	45901917	29213145	22.795	22.769
28)	SA Decachlor...	9.068	7.947	30399380	28116657	21.729	20.902
	Target Compounds						
2)	A alpha-BHC	4.006	3.302	33354583	19316612	11.696	10.237
3)	MA gamma-BHC...	4.338	3.631	30618864	18458983	10.998	10.003m
6)	B beta-BHC	4.533	3.930	14412013	9699467	11.424	11.880
12)	B 4,4'-DDE	6.202	5.260	997352	650525	0.493m	0.447m
14)	MA Endrin	6.585	5.669	84201017	75065893	44.449m	52.213
16)	A 4,4'-DDD	6.720	5.818	3090313	1482332	1.832m	1.202 #
17)	MA 4,4'-DDT	7.035	6.067	153.7E6	146.6E6	83.582	108.343 #
18)	B Endrin al...	6.935	6.142	2574146	1809978	1.702	1.627
20)	A Methoxychlor	7.509	6.643	204.8E6	196.7E6	208.251	246.009
21)	B Endrin ke...	7.653	6.869	4946901	3111242	2.471	1.946m

(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\PL051624\
Data File : PL089553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2024 02:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

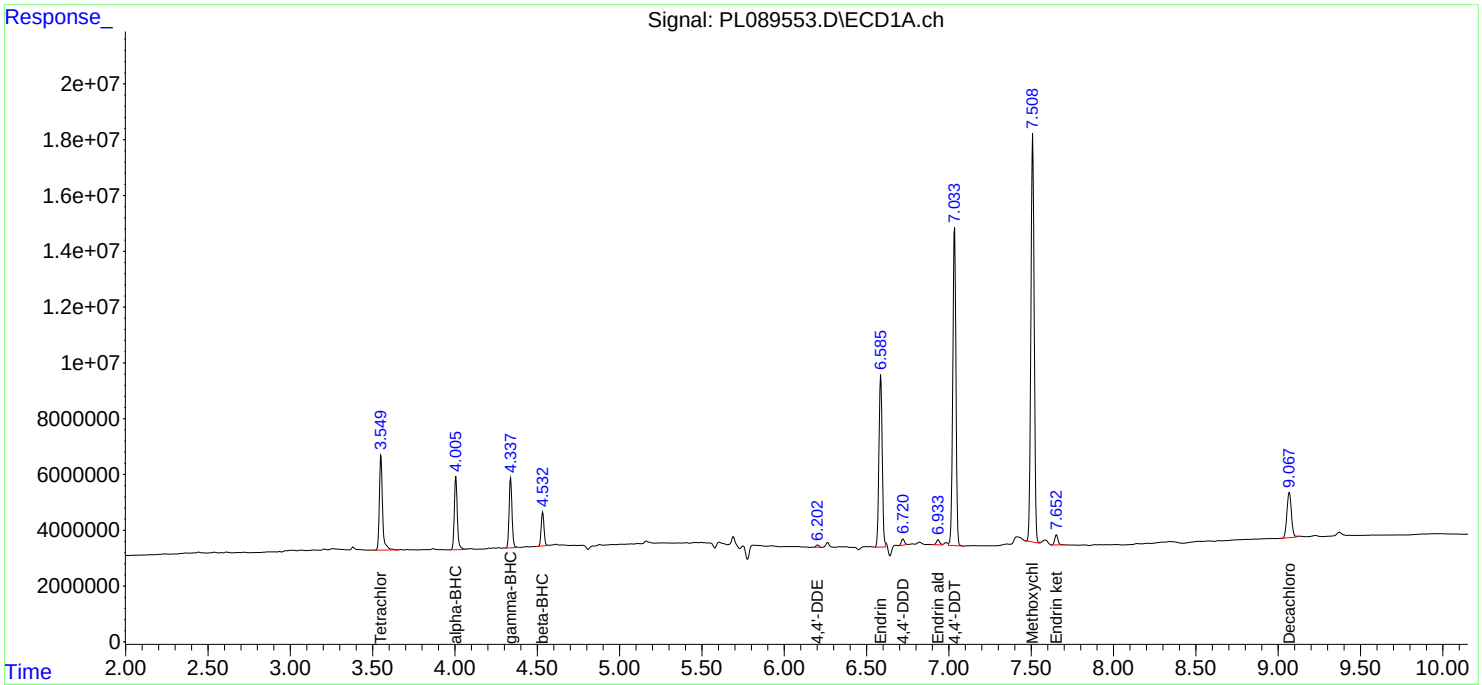
Instrument :
ECD_L
ClientSampleId :
PEM

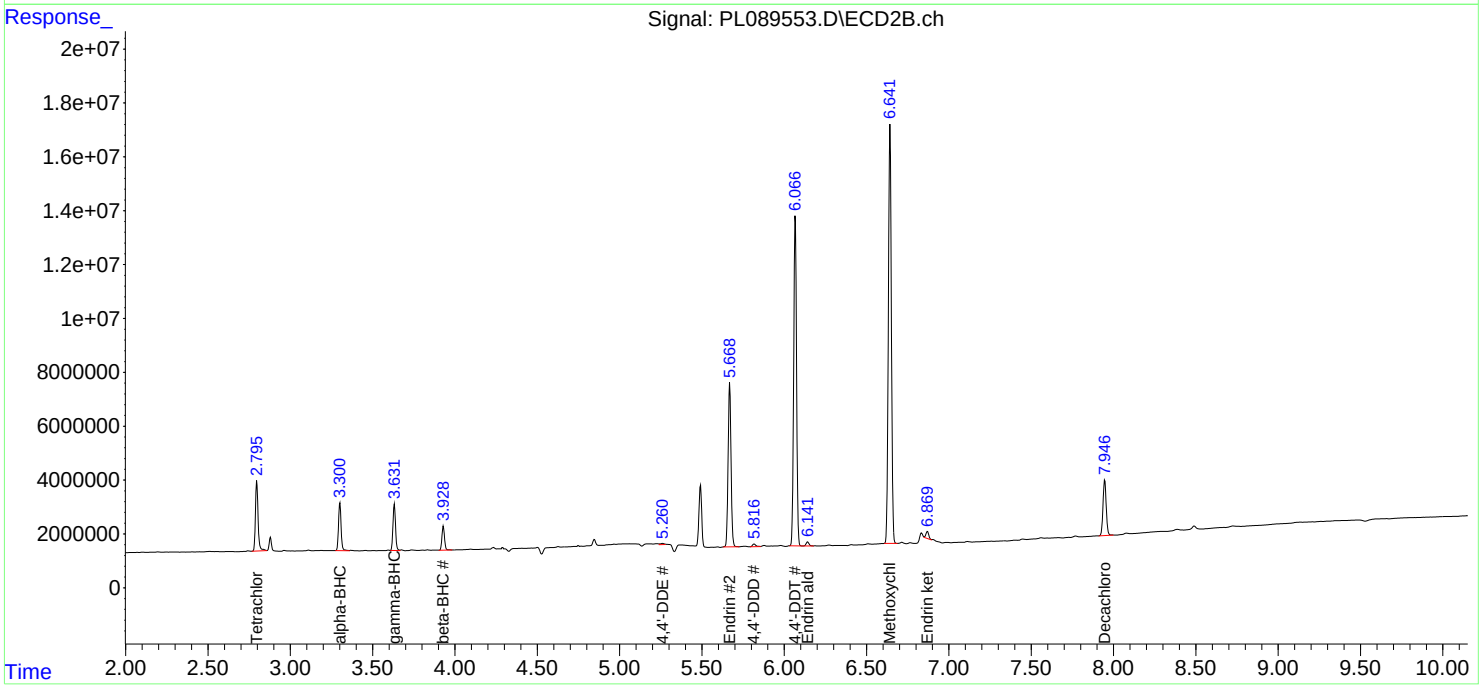
Manual Integrations APPROVED

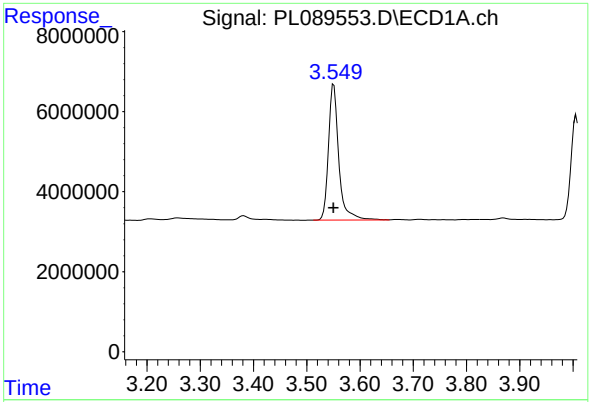
Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 04:10:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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







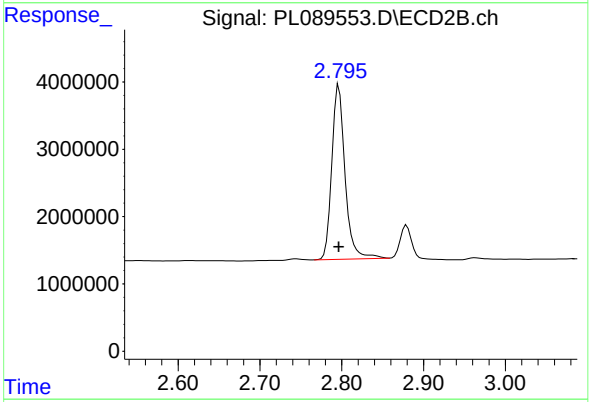
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45901917
Conc: 22.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

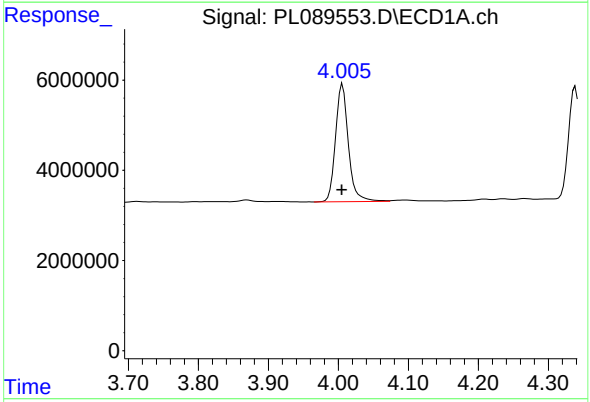
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



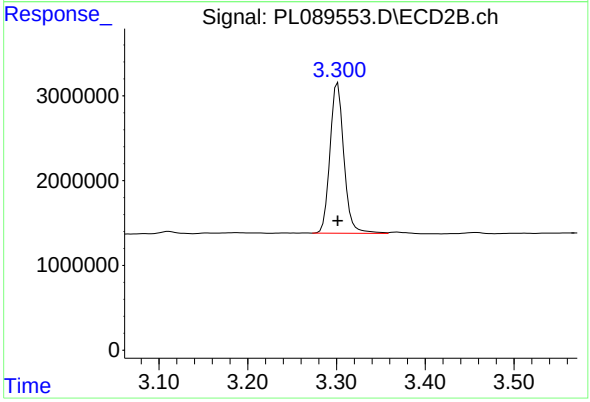
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29213145
Conc: 22.77 ng/ml



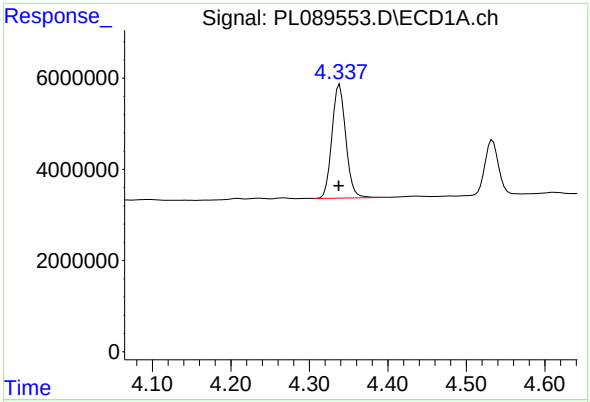
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 33354583
Conc: 11.70 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 19316612
Conc: 10.24 ng/ml



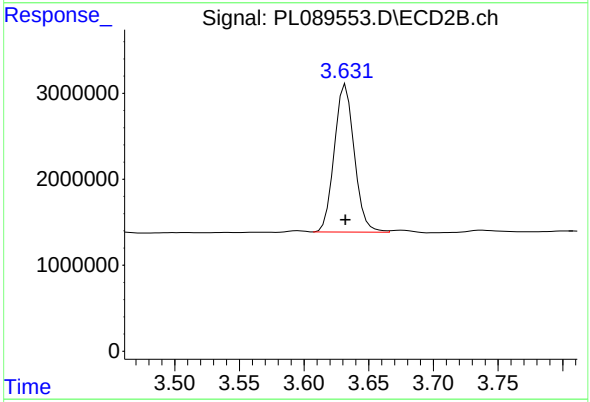
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.001 min
Response: 30618864
Conc: 11.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

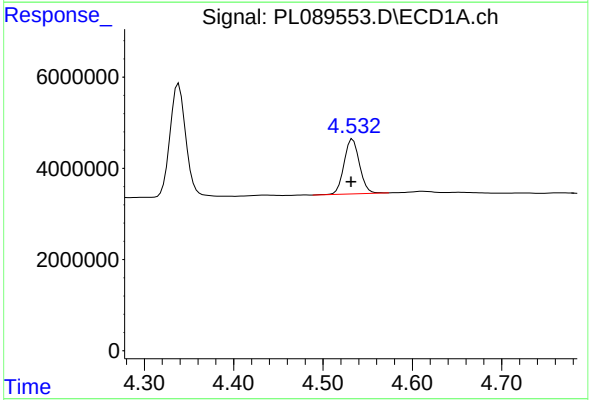
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



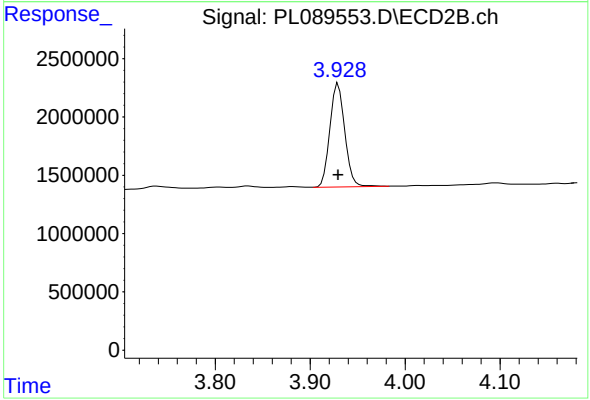
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.001 min
Response: 18458983
Conc: 10.00 ng/ml m



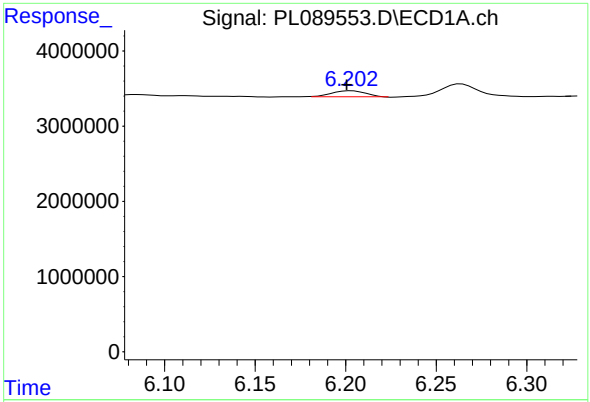
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 14412013
Conc: 11.42 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 9699467
Conc: 11.88 ng/ml



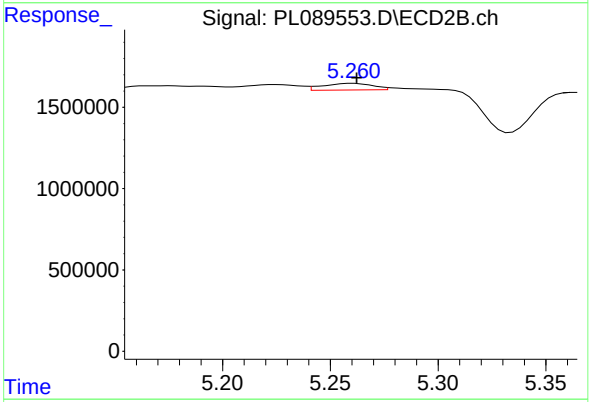
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 997352
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

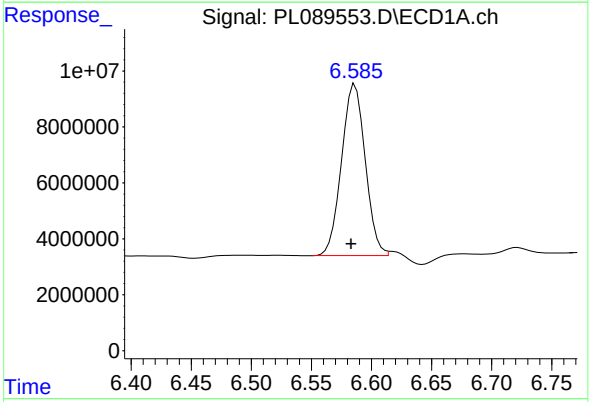
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



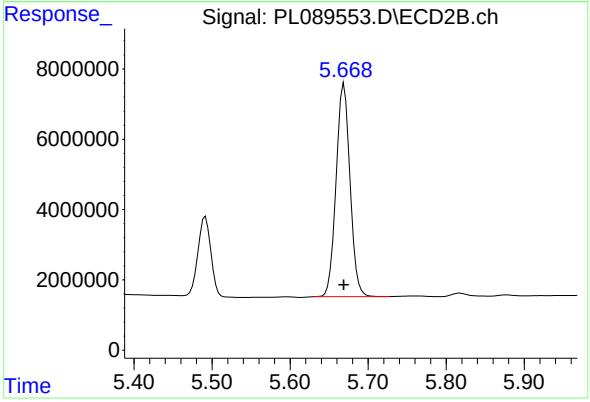
#12 4,4'-DDE

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 650525
Conc: 0.45 ng/ml m



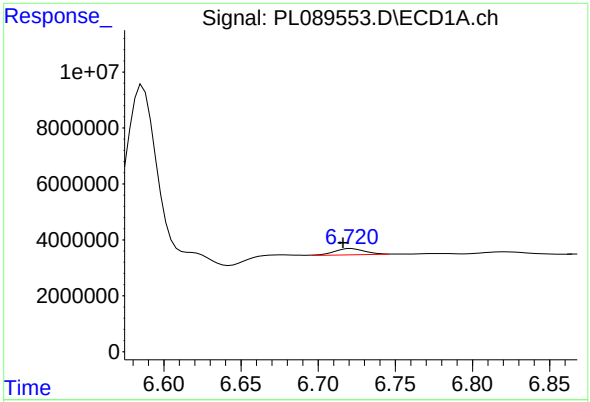
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 84201017
Conc: 44.45 ng/ml m



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 75065893
Conc: 52.21 ng/ml



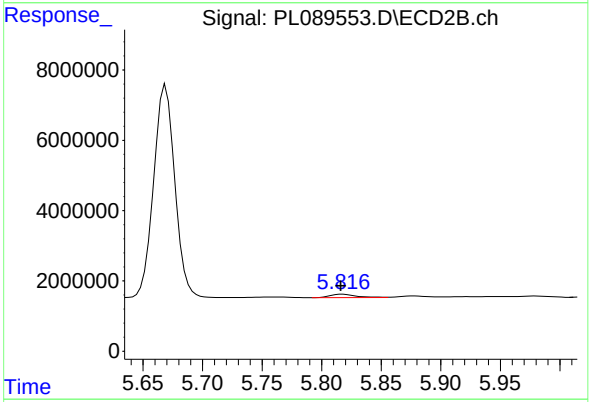
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 3090313
Conc: 1.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

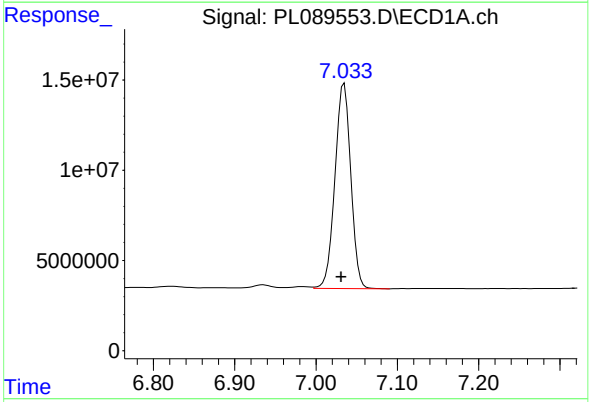
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



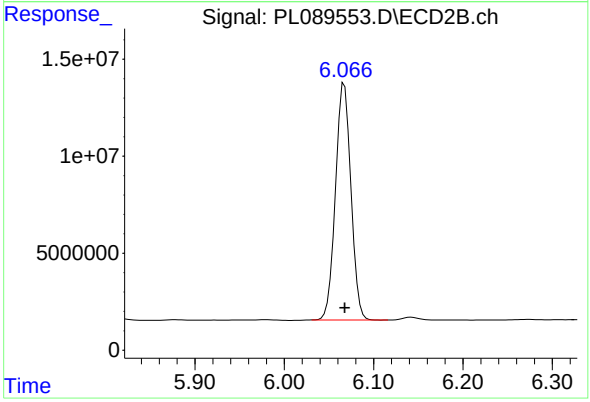
#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 1482332
Conc: 1.20 ng/ml



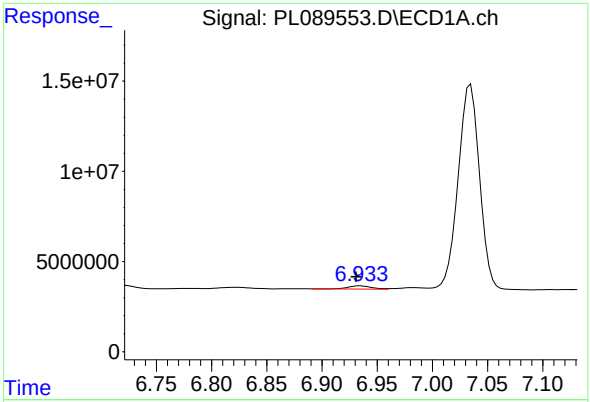
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.004 min
Response: 153706381
Conc: 83.58 ng/ml



#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 146586088
Conc: 108.34 ng/ml



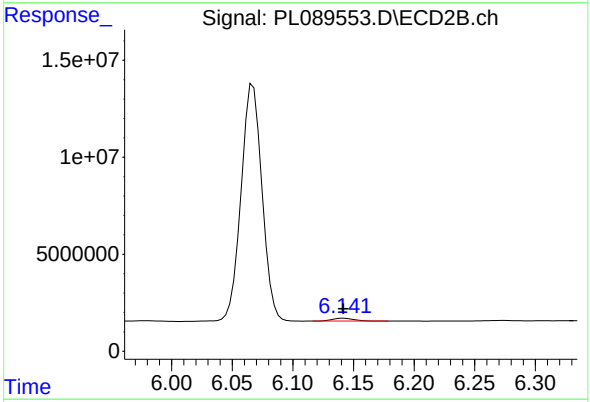
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.004 min
Response: 2574146
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

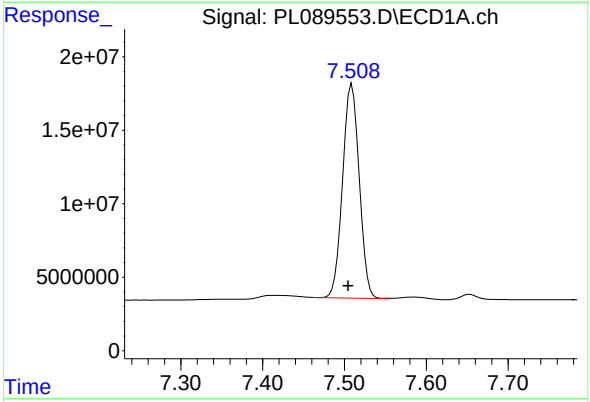
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



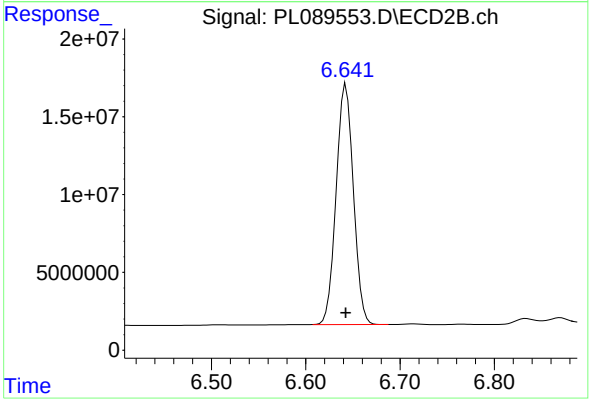
#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 1809978
Conc: 1.63 ng/ml



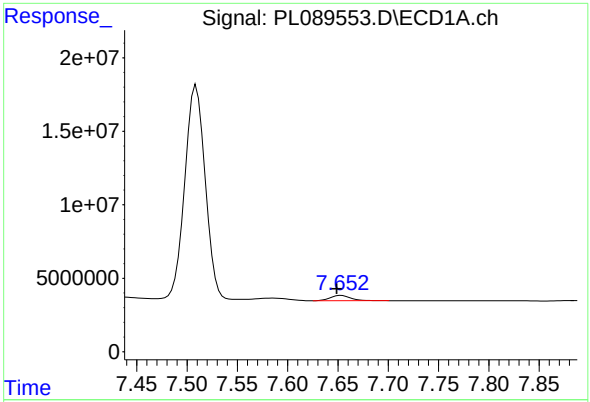
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.005 min
Response: 204794231
Conc: 208.25 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 196705087
Conc: 246.01 ng/ml



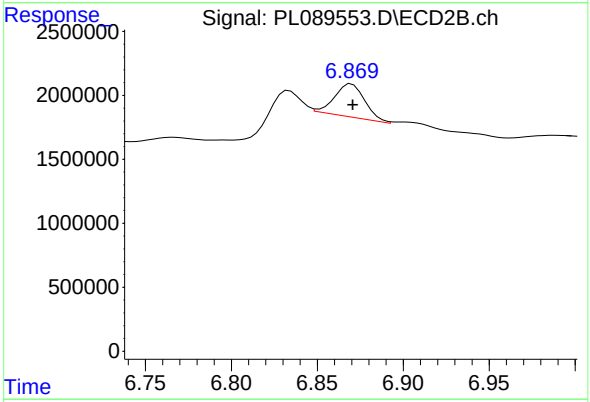
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 4946901
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

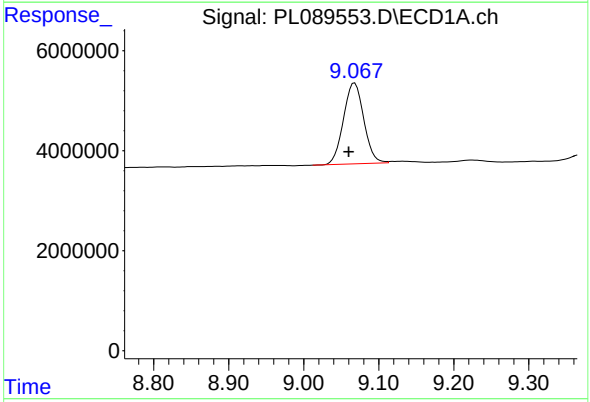
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



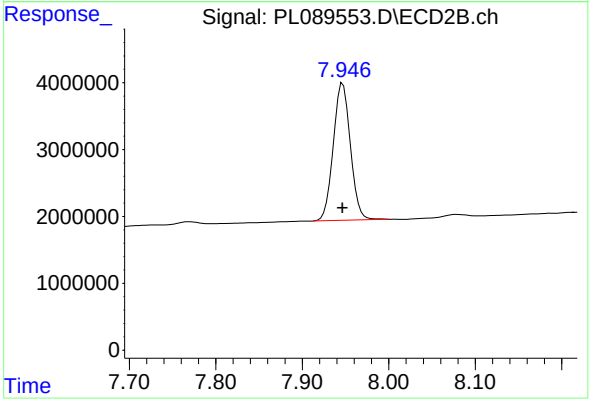
#21 Endrin ketone

R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 3111242
Conc: 1.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 30399380
Conc: 21.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 28116657
Conc: 20.90 ng/ml