

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 19:33
 Operator : AR\AJ
 Sample : PB152710BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152710BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2023
 Supervised By : Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:29:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	51696462	44647720	19.353	19.272
28)	SA Decachlor...	8.736	7.750	41238632	47164099	21.601	20.663
Target Compounds							
2)	A alpha-BHC	3.768	3.139	183.6E6	157.4E6	46.134	46.245
3)	MA gamma-BHC...	4.096	3.466	173.4E6	149.0E6	46.369	46.340
4)	MA Heptachlor	4.674	3.797	171.6E6	150.9E6	46.951	44.087
5)	MB Aldrin	5.011	4.072	157.0E6	142.7E6	47.622	45.300m
6)	B beta-BHC	4.299	3.764	76599022	58910317	44.913	43.177m
7)	B delta-BHC	4.541	3.992	173.7E6	149.9E6	48.270	48.882
8)	B Heptachlo...	5.437	4.575	147.5E6	136.9E6	48.370	47.517
9)	A Endosulfan I	5.818	4.942	135.5E6	127.1E6	48.855	47.608
10)	B gamma-Chl...	5.690	4.824	147.0E6	139.4E6	48.886m	48.052
11)	B alpha-Chl...	5.769	4.886	146.8E6	139.1E6	49.170	47.905
12)	B 4,4'-DDE	5.948	5.077	126.3E6	120.5E6	49.678	52.419
13)	MA Dieldrin	6.092	5.206	136.8E6	128.7E6	49.590	47.667
14)	MA Endrin	6.320	5.479	117.1E6	117.5E6	48.289	48.019m
15)	B Endosulfa...	6.541	5.777	113.2E6	112.9E6	46.486	50.089
16)	A 4,4'-DDD	6.463	5.632	105.5E6	100.2E6	52.050	53.546
17)	MA 4,4'-DDT	6.775	5.880	105.1E6	100.4E6	45.963	47.536
18)	B Endrin al...	6.671	5.957	93784857	91277267	49.775	48.775
19)	B Endosulfa...	6.905	6.180	114.9E6	114.9E6	48.429	48.786
20)	A Methoxychlor	7.255	6.458	55413088	57417027	45.408	47.380m
21)	B Endrin ke...	7.385	6.683	118.8E6	126.0E6	49.605	49.636m
22)	Mirex	7.849	6.854	87740988	102.1E6	44.850	44.317m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
Data File : PL082626.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 19:33
Operator : AR\AJ
Sample : PB152710BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152710BS

Manual Integrations

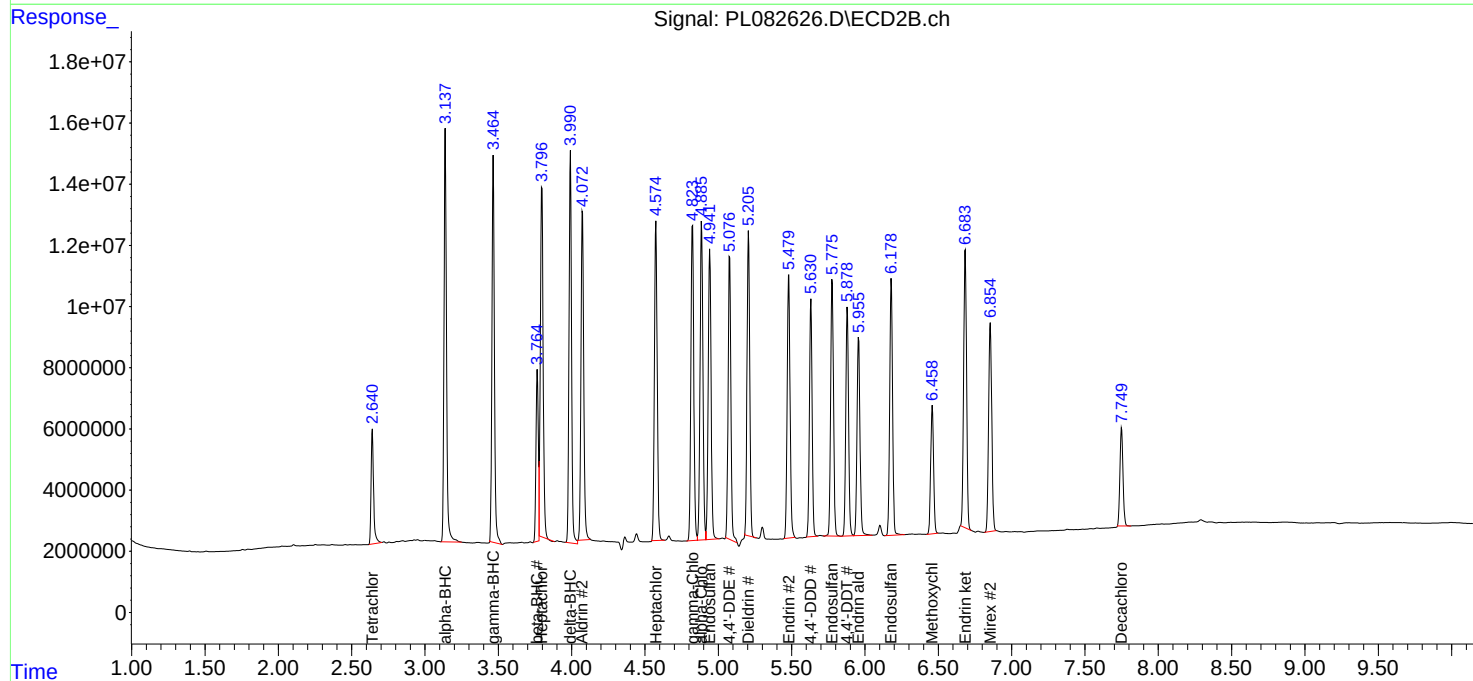
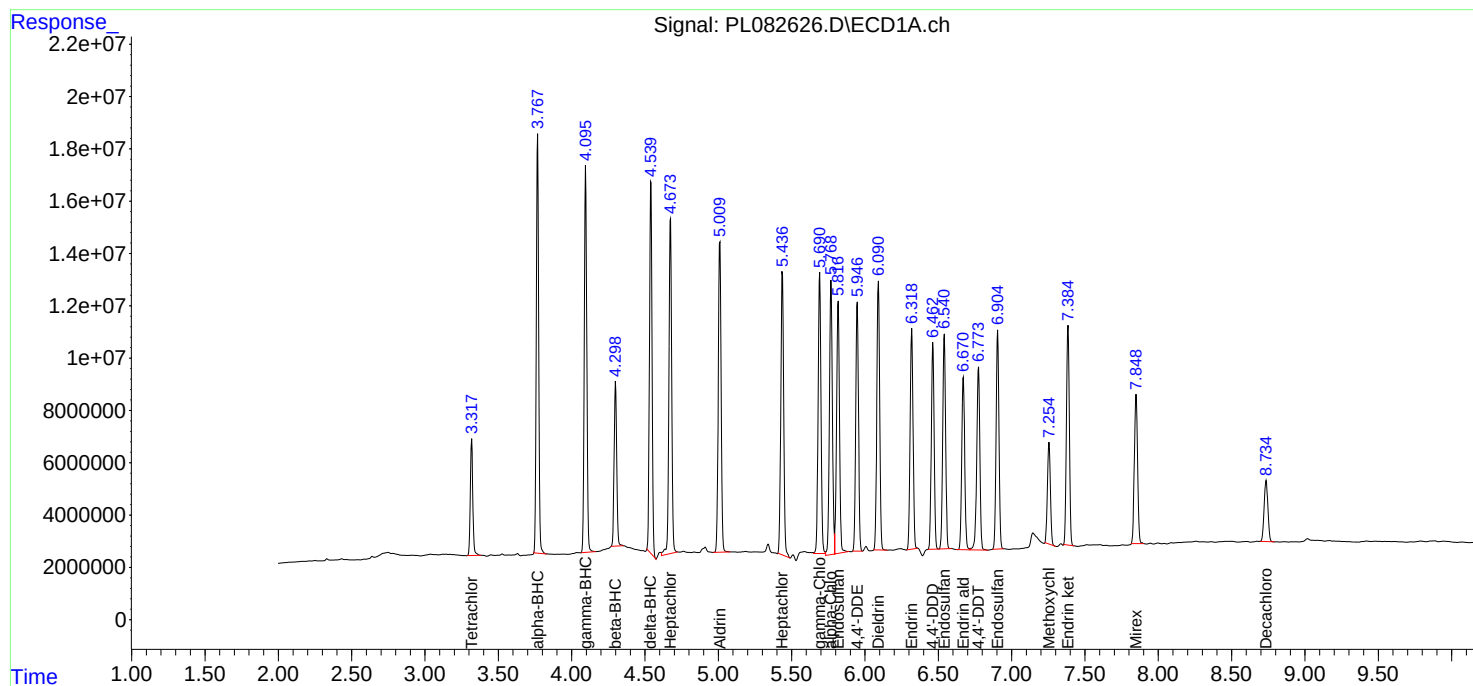
APPROVED

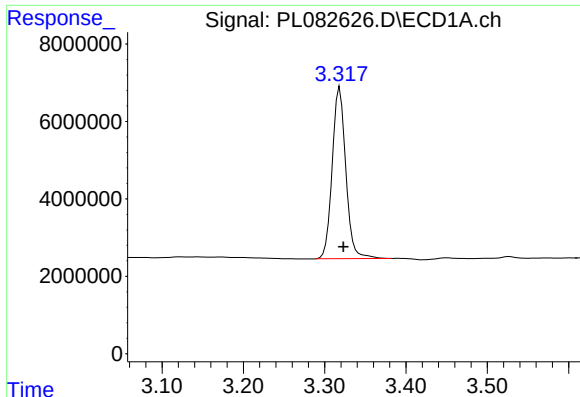
Reviewed By :Abdul Mirza 05/11/2023

Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:29:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





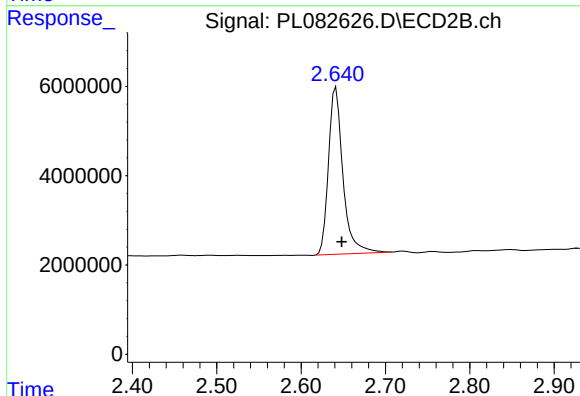
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 51696462
Conc: 19.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

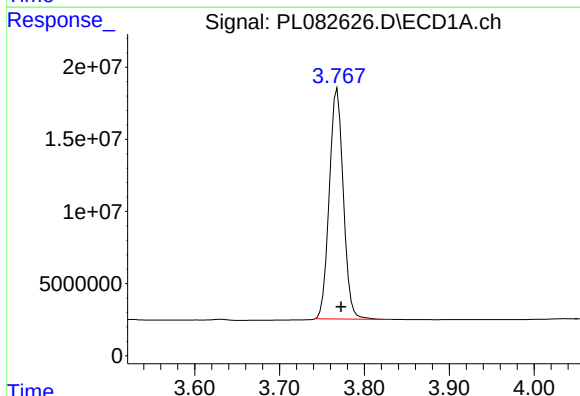
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



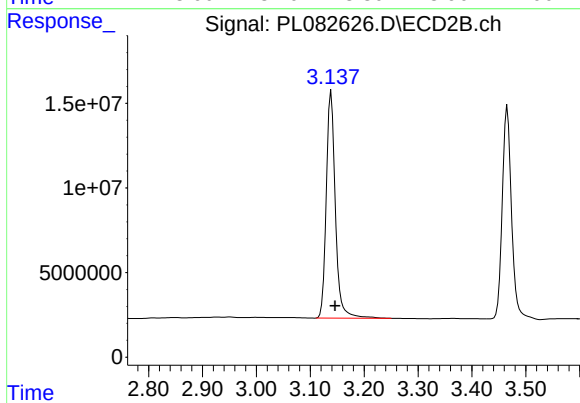
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 44647720
Conc: 19.27 ng/ml



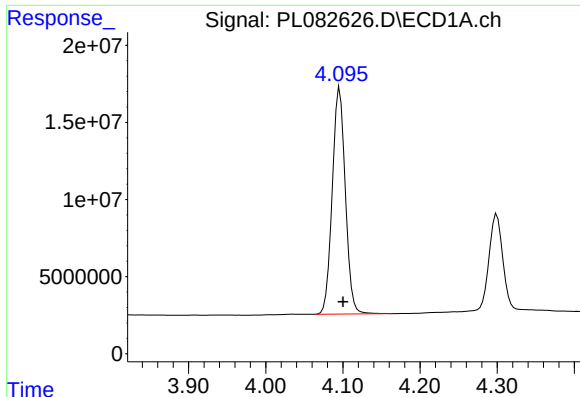
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 183624531
Conc: 46.13 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.008 min
Response: 157393910
Conc: 46.25 ng/ml



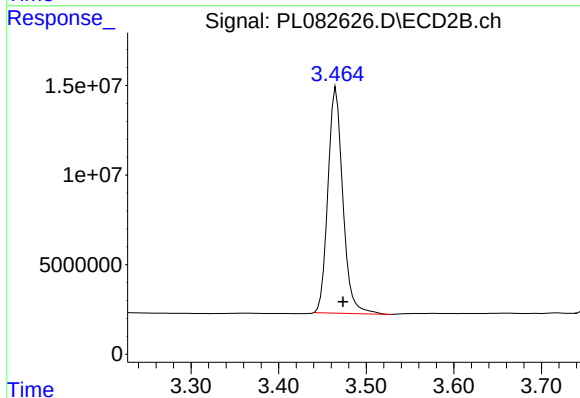
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 173371938
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

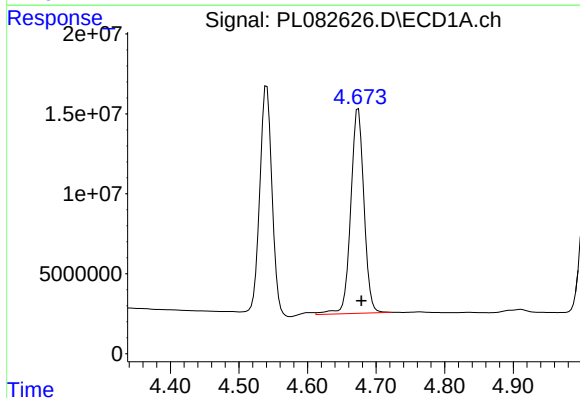
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



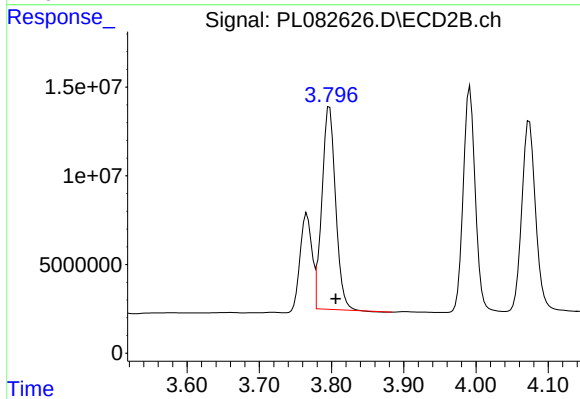
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.008 min
Response: 148997591
Conc: 46.34 ng/ml



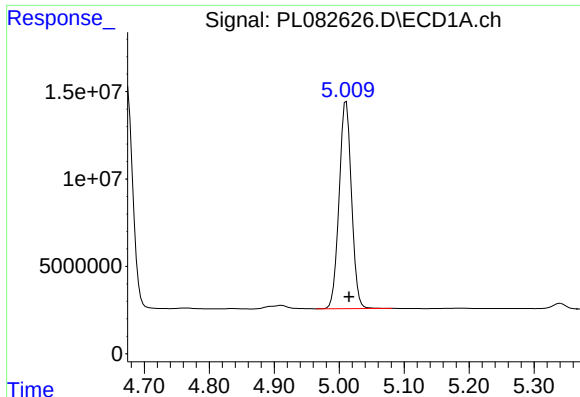
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 171555204
Conc: 46.95 ng/ml



#4 Heptachlor

R.T.: 3.797 min
Delta R.T.: -0.009 min
Response: 150921944
Conc: 44.09 ng/ml



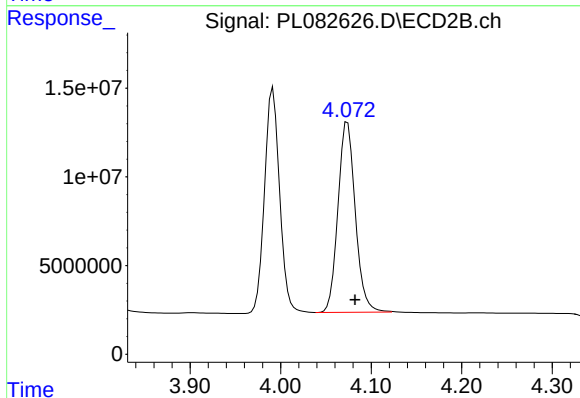
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 157038757
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

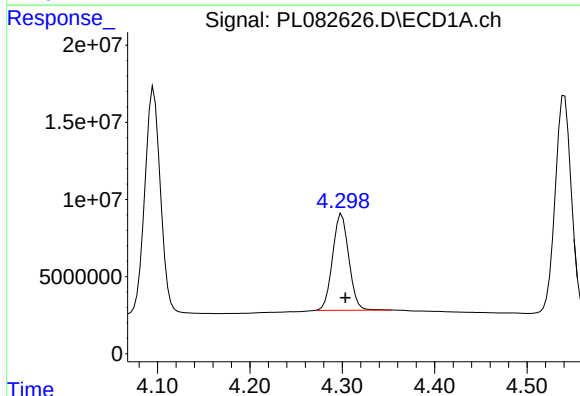
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



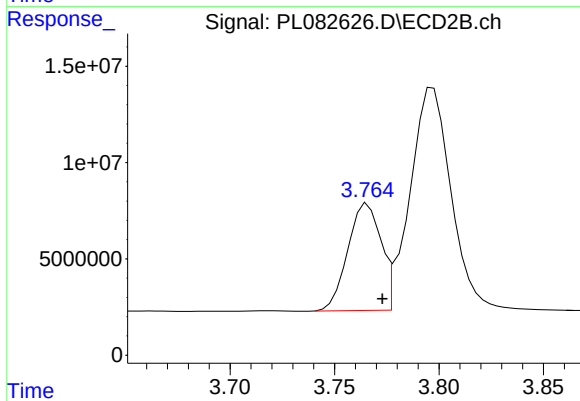
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.010 min
Response: 142688086
Conc: 45.30 ng/ml m



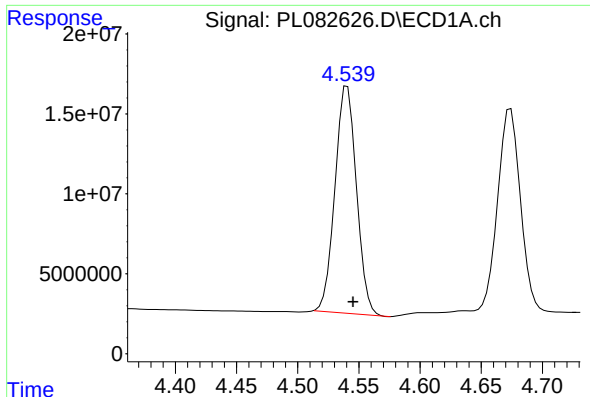
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 76599022
Conc: 44.91 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 58910317
Conc: 43.18 ng/ml m



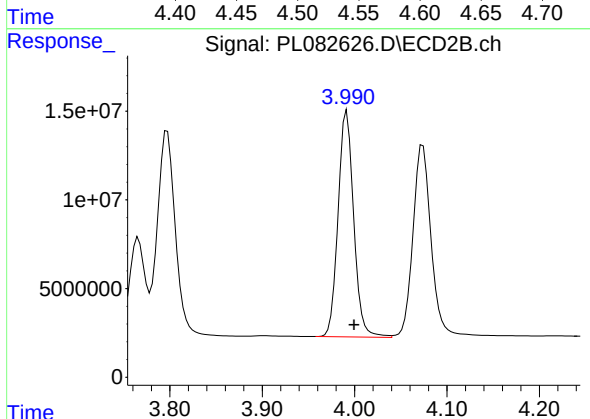
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.005 min
Response: 173665420
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

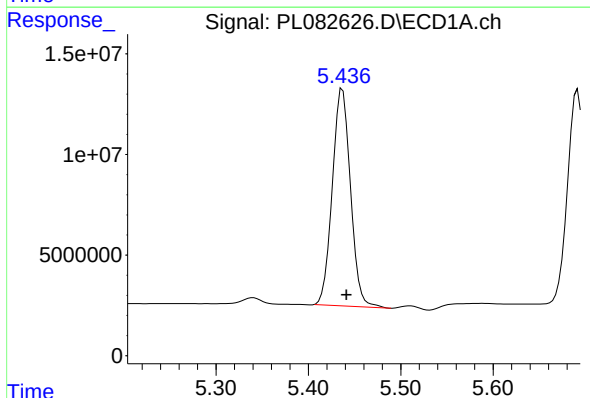
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



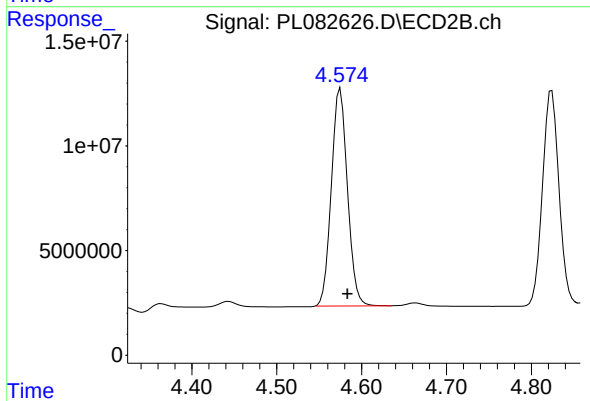
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.008 min
Response: 149941061
Conc: 48.88 ng/ml



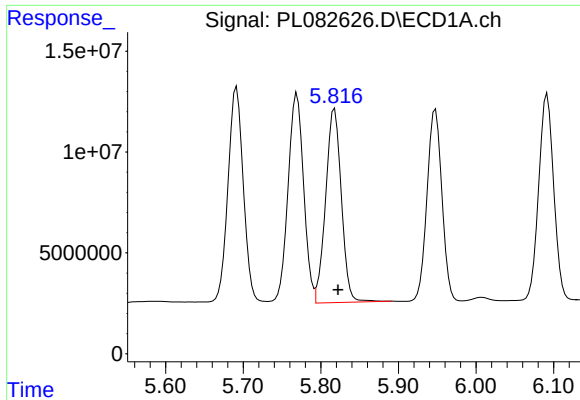
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 147546668
Conc: 48.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 136890490
Conc: 47.52 ng/ml



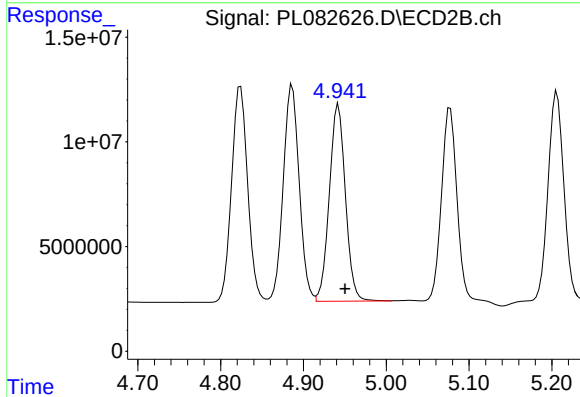
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 135461860
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

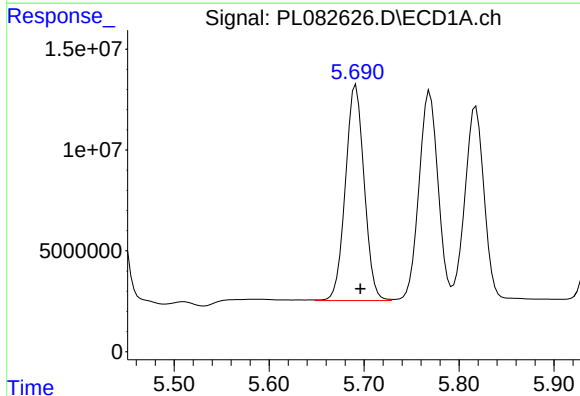
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



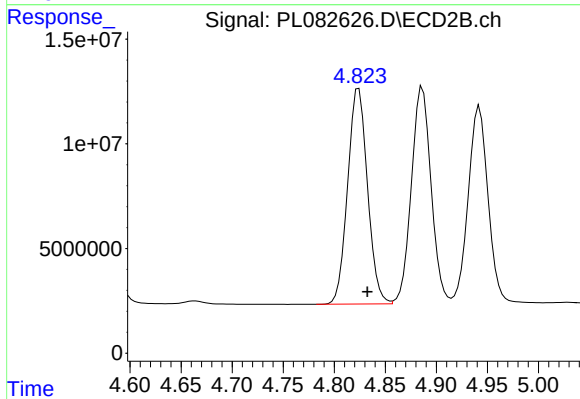
#9 Endosulfan I

R.T.: 4.942 min
Delta R.T.: -0.008 min
Response: 127086902
Conc: 47.61 ng/ml



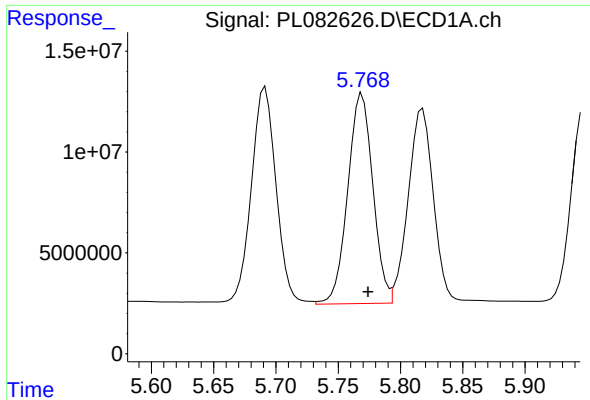
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 146995299
Conc: 48.89 ng/ml m



#10 gamma-Chlordane

R.T.: 4.824 min
Delta R.T.: -0.008 min
Response: 139440604
Conc: 48.05 ng/ml



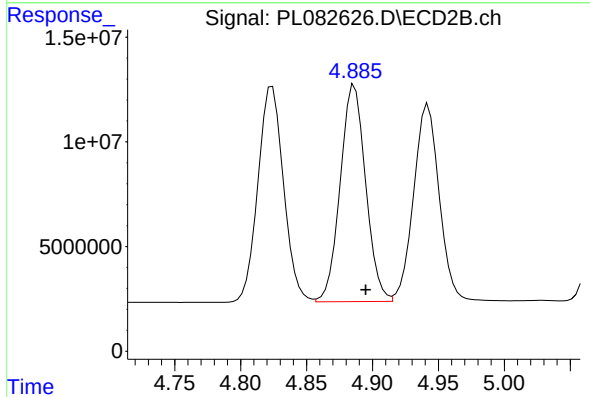
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 146754064
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

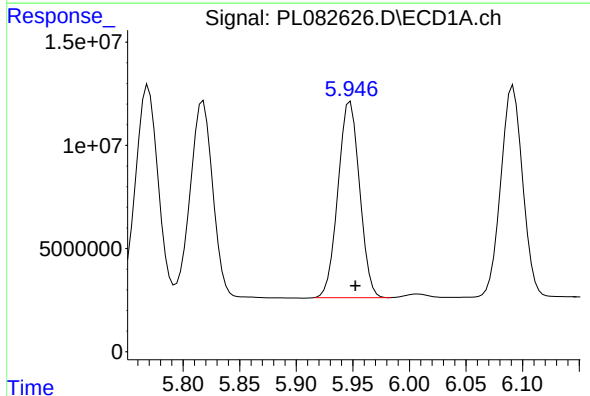
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



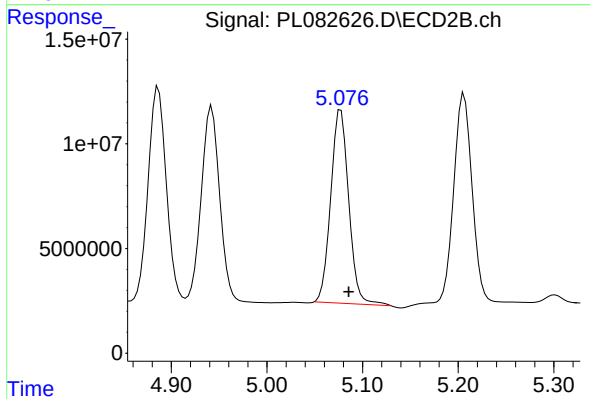
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.008 min
Response: 139059418
Conc: 47.90 ng/ml



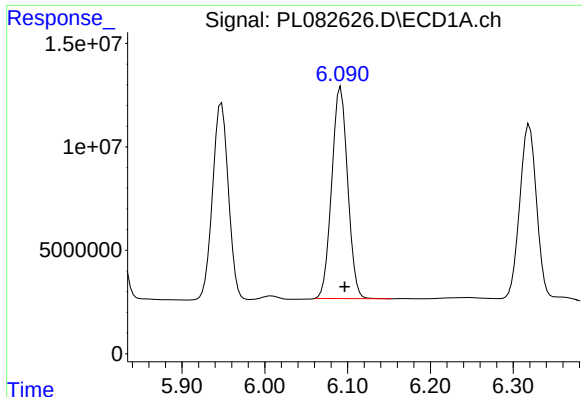
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 126283512
Conc: 49.68 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.008 min
Response: 120509242
Conc: 52.42 ng/ml



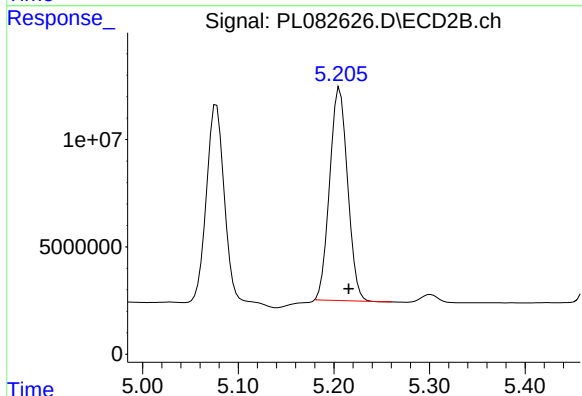
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 136826144
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

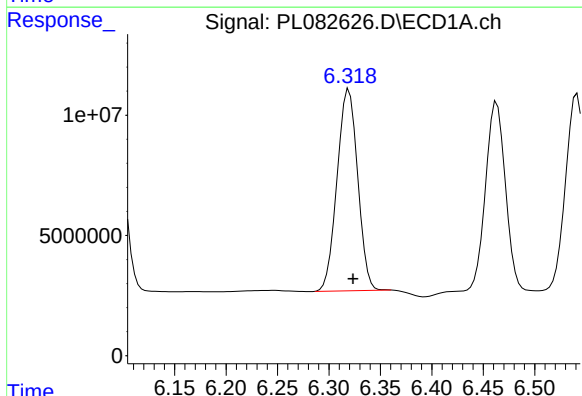
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



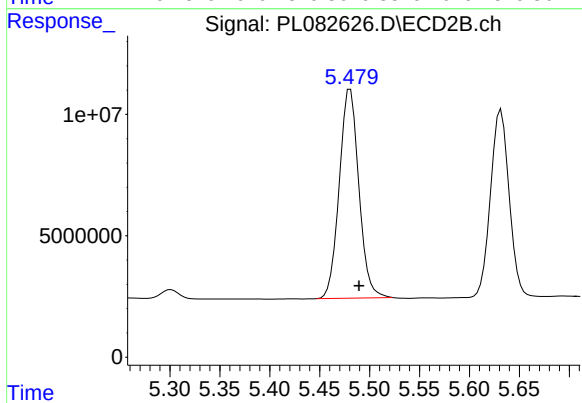
#13 Dieldrin

R.T.: 5.206 min
Delta R.T.: -0.009 min
Response: 128720417
Conc: 47.67 ng/ml



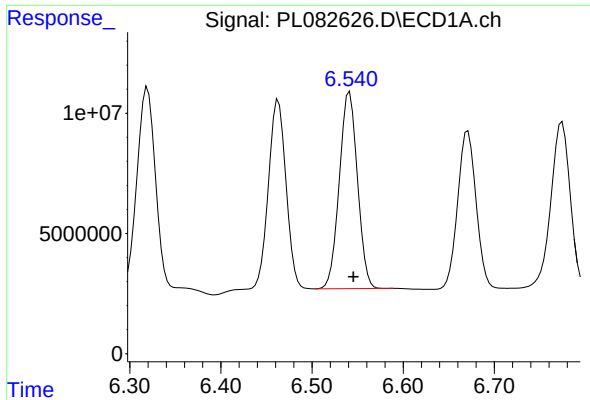
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 117079095
Conc: 48.29 ng/ml



#14 Endrin

R.T.: 5.479 min
Delta R.T.: -0.010 min
Response: 117453292
Conc: 48.02 ng/ml m



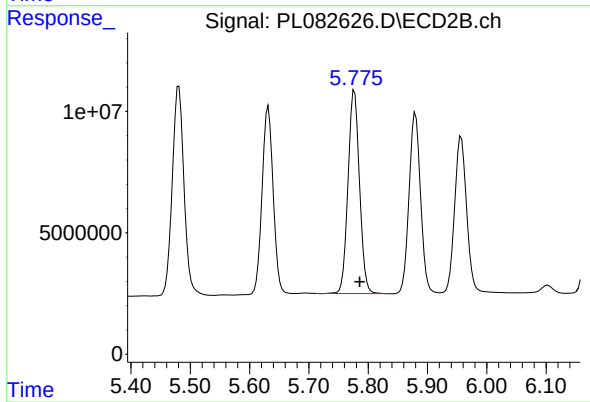
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 113172341
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

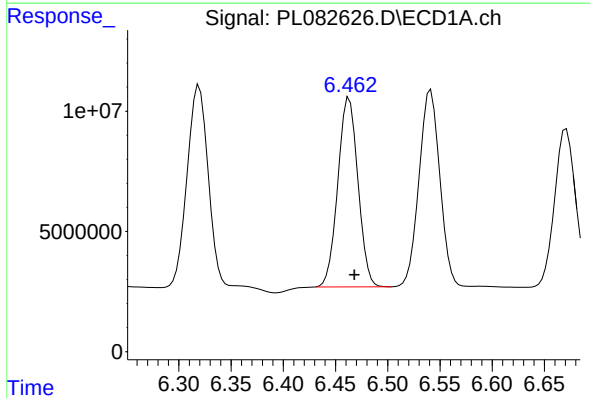
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



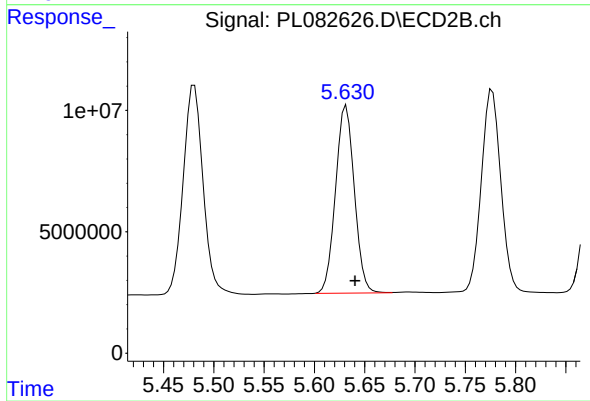
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 112905929
Conc: 50.09 ng/ml



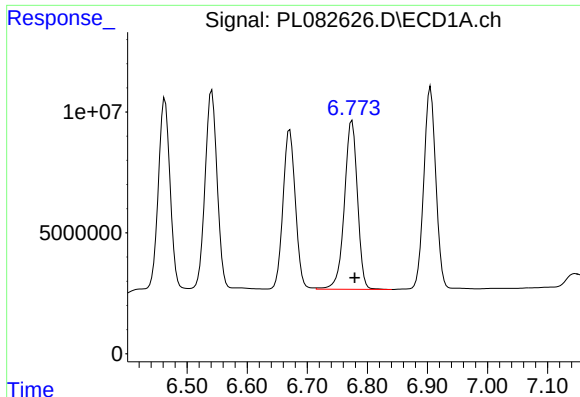
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 105516202
Conc: 52.05 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: -0.009 min
Response: 100153185
Conc: 53.55 ng/ml



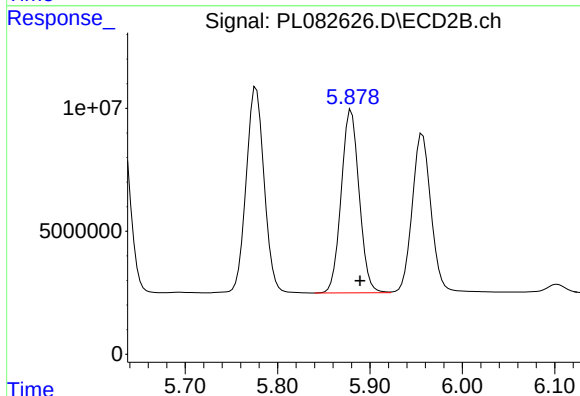
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 105149991
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

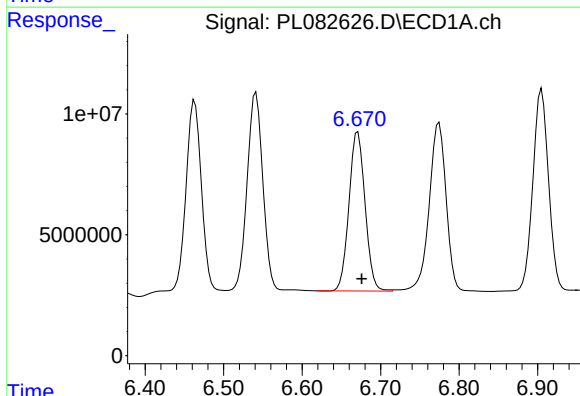
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



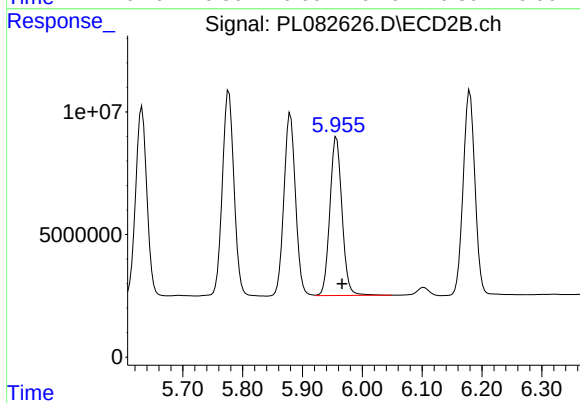
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.009 min
Response: 100424242
Conc: 47.54 ng/ml



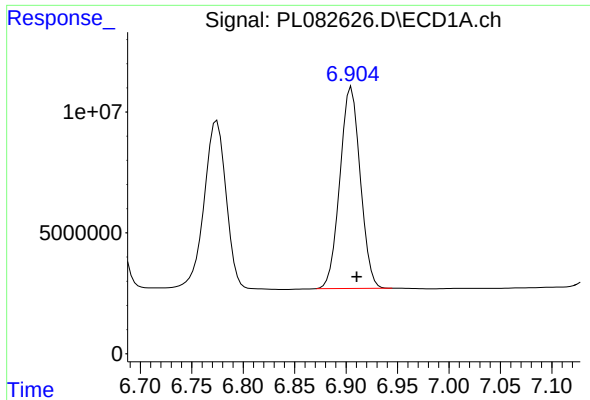
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 93784857
Conc: 49.78 ng/ml



#18 Endrin aldehyde

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 91277267
Conc: 48.78 ng/ml



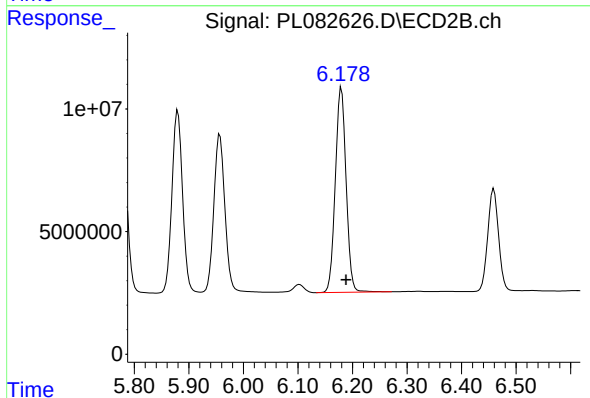
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 114852021
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

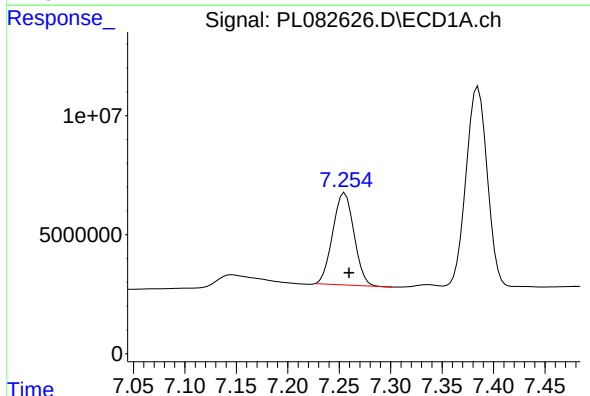
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



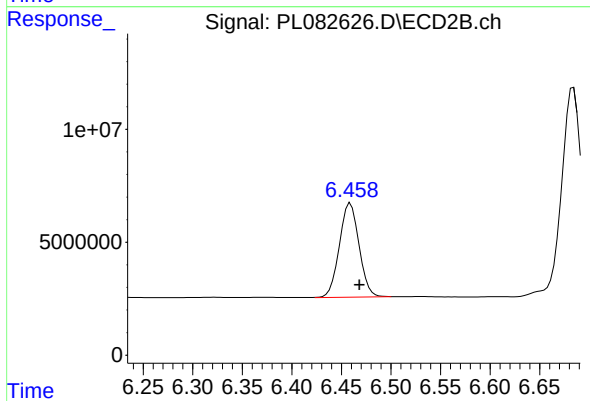
#19 Endosulfan Sulfate

R.T.: 6.180 min
Delta R.T.: -0.009 min
Response: 114854830
Conc: 48.79 ng/ml



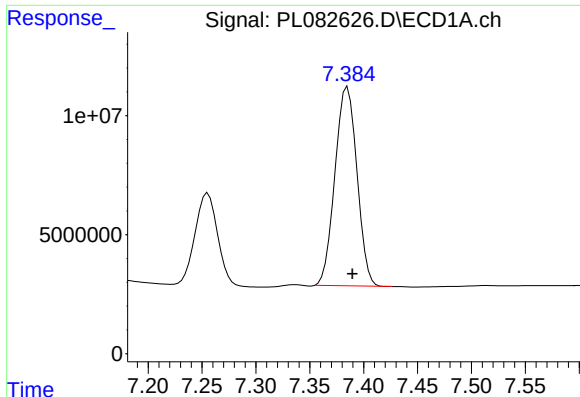
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 55413088
Conc: 45.41 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 57417027
Conc: 47.38 ng/ml m



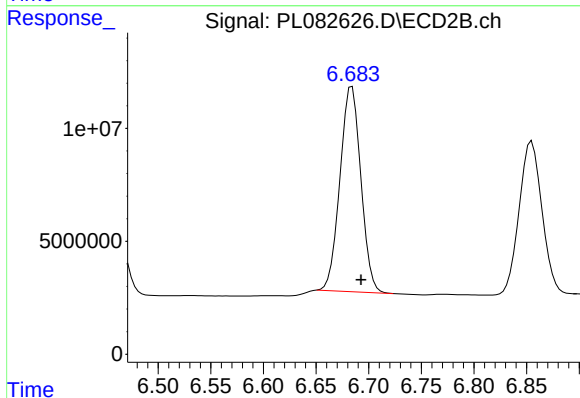
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 118774874
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

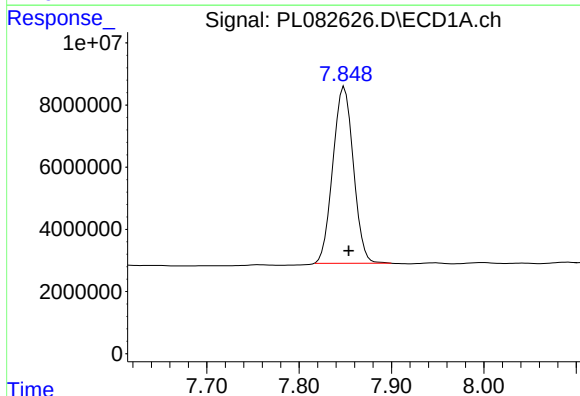
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



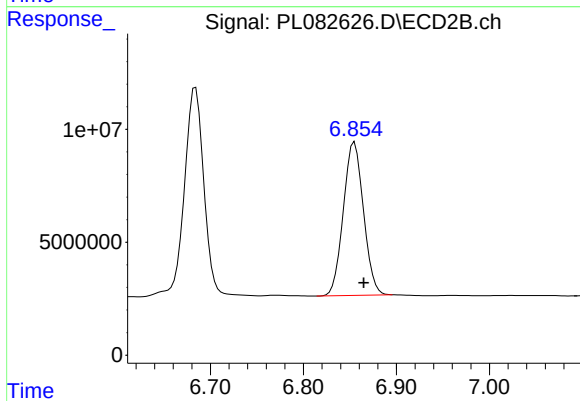
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 125983987
Conc: 49.64 ng/ml m



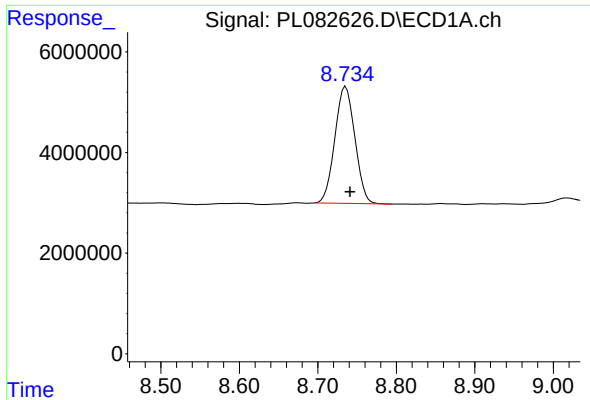
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 87740988
Conc: 44.85 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 102117667
Conc: 44.32 ng/ml m



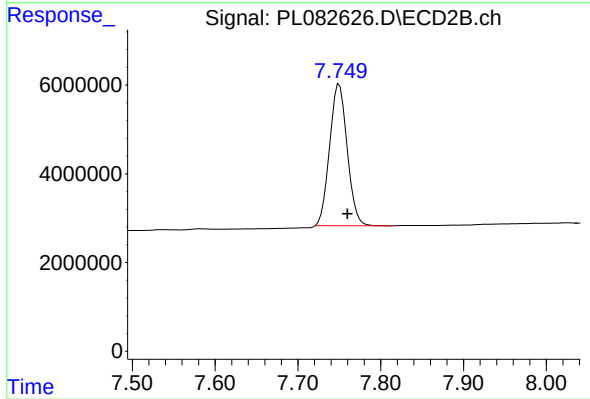
#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.005 min
Response: 41238632
Conc: 21.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152710BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 47164099
Conc: 20.66 ng/ml