

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060324\
 Data File : PL089914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2024 15:44
 Operator : AR\AJ
 Sample : P2683-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2024
 Supervised By :Ankita Jodhani 06/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 23:34:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.548	2.793	32933685	23110451	15.730	16.118
28)	SA Decachlor...	9.056	7.938	20676819	18792159	14.062	12.646
Target Compounds							
2)	A alpha-BHC	4.004	3.297	125.2E6	97314199	41.989	45.525
3)	MA gamma-BHC...	4.334	3.626	118.1E6	100.1E6	40.638m	47.879m
4)	MA Heptachlor	4.925	3.969	105.9E6	93837987	40.570	47.019
5)	MB Aldrin	5.261	4.252	283.9E6	146.2E6	106.821m	73.153 #
6)	B beta-BHC	4.531	3.930	49444594	80875658	37.855	88.407 #
7)	B delta-BHC	4.777	4.162	132.9E6	328.3E6	48.260m	162.876 #
8)	B Heptachlo...	5.692	4.751	99270747	437.0E6	39.856	238.117 #
9)	A Endosulfan I	6.073	5.123	114.6E6	64602382	50.730m	37.815 #
10)	B gamma-Chl...	5.946	4.993	109.4E6	80927840	45.255m	43.420m
11)	B alpha-Chl...	6.027	5.064	113.0E6	132.3E6	47.032	70.494 #
12)	B 4,4'-DDE	6.199	5.254	165.3E6	175.0E6	75.972	104.769m#
13)	MA Dieldrin	6.352	5.387	122.4E6	91548522	51.629	49.684
14)	MA Endrin	6.581	5.663	79757788	79727314	39.671	48.674
15)	B Endosulfa...	6.800	5.956	84413788	76445784	40.492	47.468
16)	A 4,4'-DDD	6.715	5.809	89705492	63326732	51.213	44.926
17)	MA 4,4'-DDT	7.029	6.059	144.6E6	139.6E6	78.567	91.897m
18)	B Endrin al...	6.929	6.135	67663330	57806102	43.652	47.633
19)	B Endosulfa...	7.162	6.360	91915289	57493345	48.028m	36.558m
20)	A Methoxychlor	7.504	6.635	38030120	35280604	38.720	39.660
21)	B Endrin ke...	7.648	6.863	88770374	70635441	42.157	38.761
22)	Mirex	8.123	7.046	79568438	57101583	47.829	37.181

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060324\
Data File : PL089914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2024 15:44
Operator : AR\AJ
Sample : P2683-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

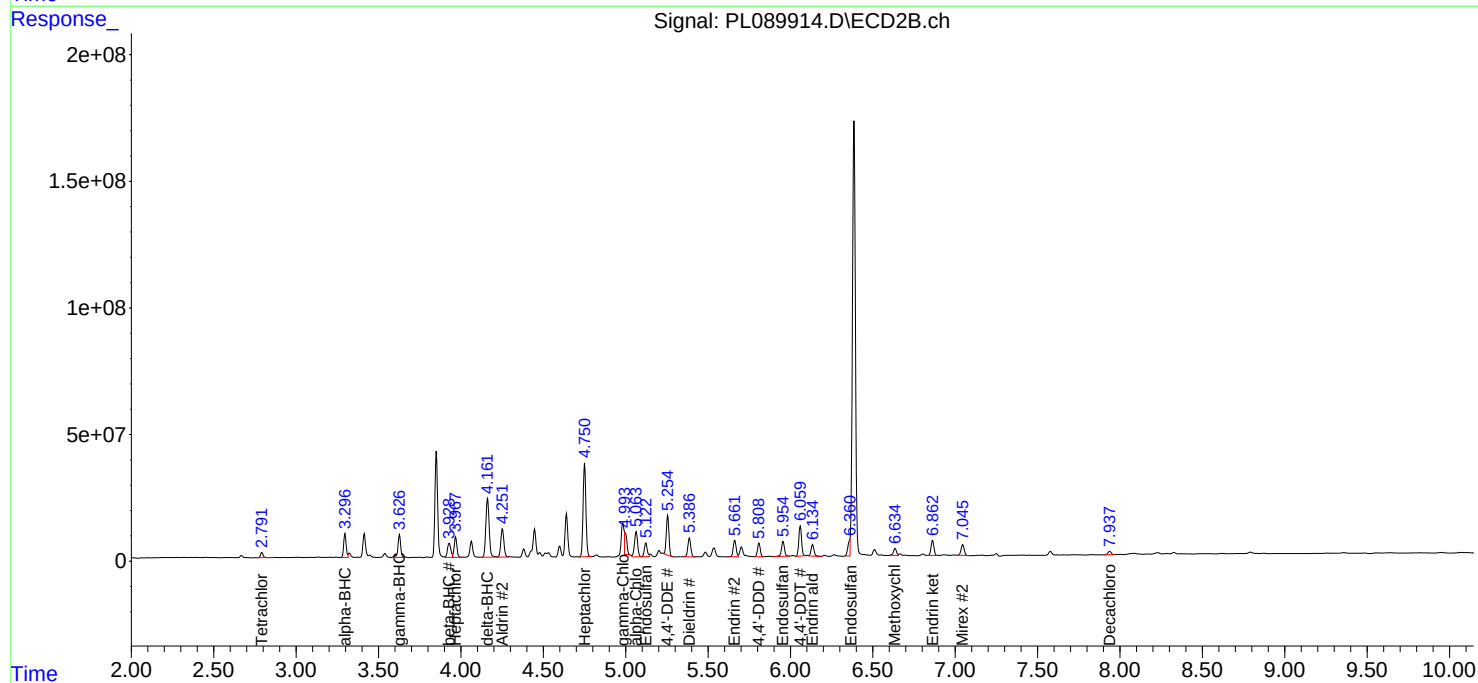
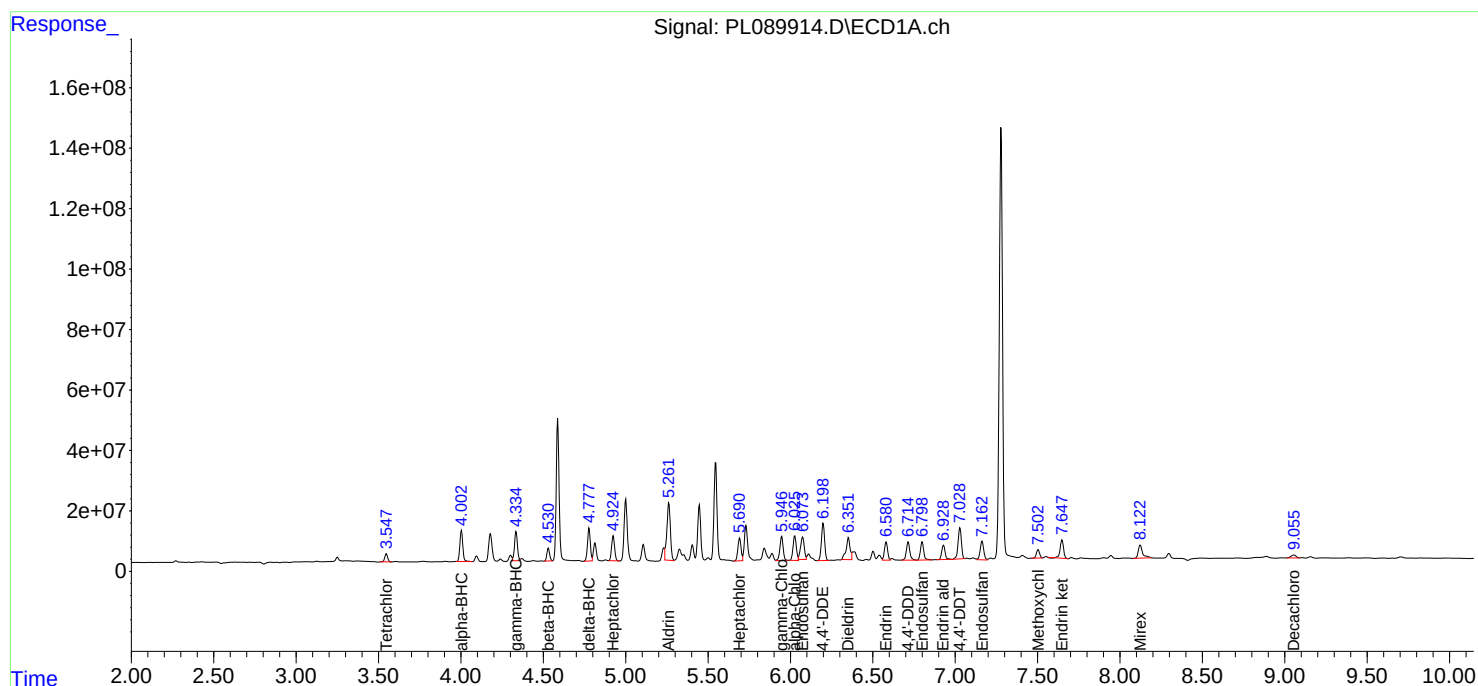
Instrument :
ECD_L
ClientSampleId :
WC-4MS

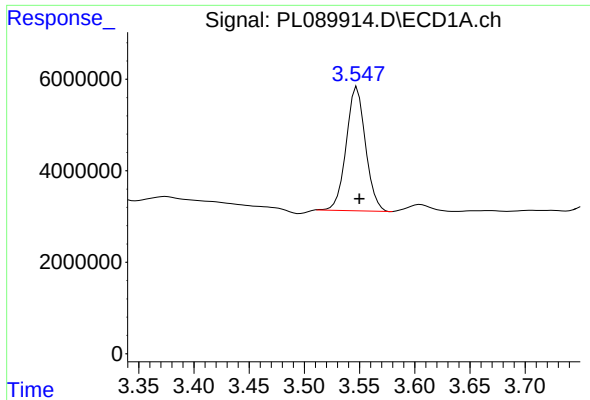
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 23:34:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
Quant Title : GC Extractables
QLast Update : Fri May 24 14:57:01 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





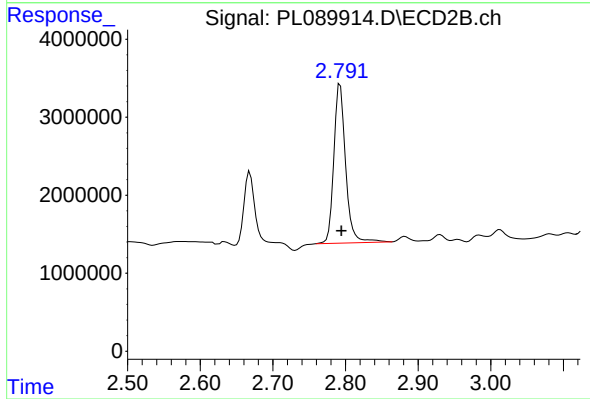
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 32933685
Conc: 15.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

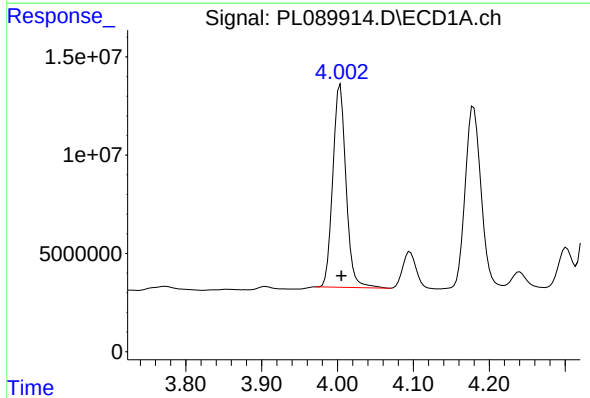
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



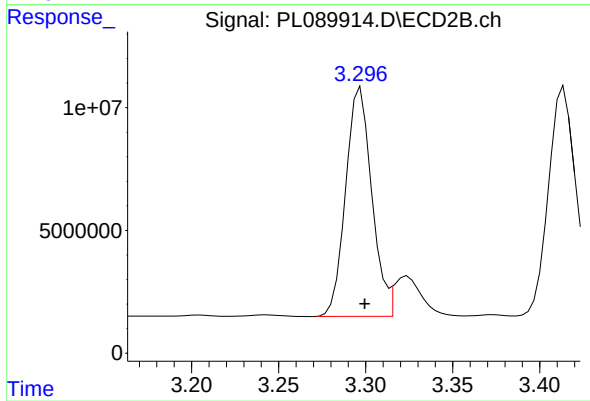
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.002 min
Response: 23110451
Conc: 16.12 ng/ml



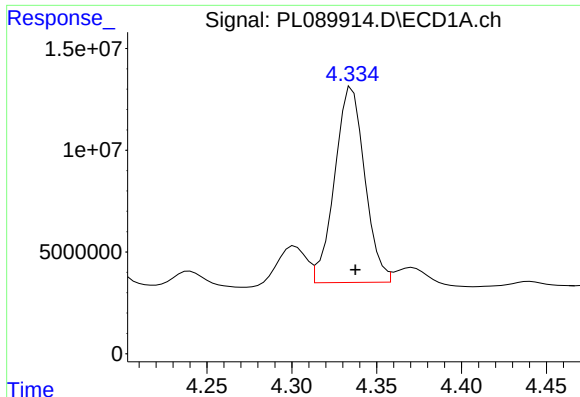
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 125189812
Conc: 41.99 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 97314199
Conc: 45.52 ng/ml



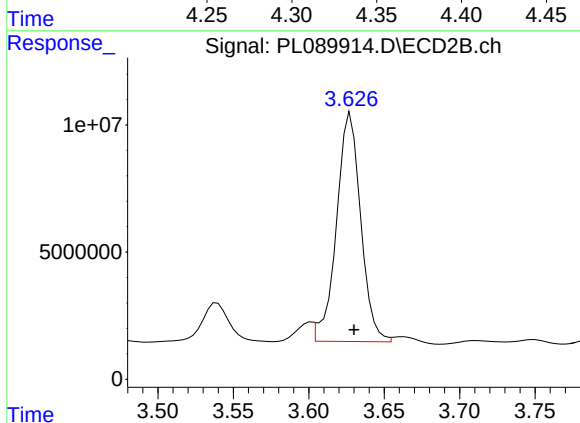
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.003 min
Response: 118101964
Conc: 40.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

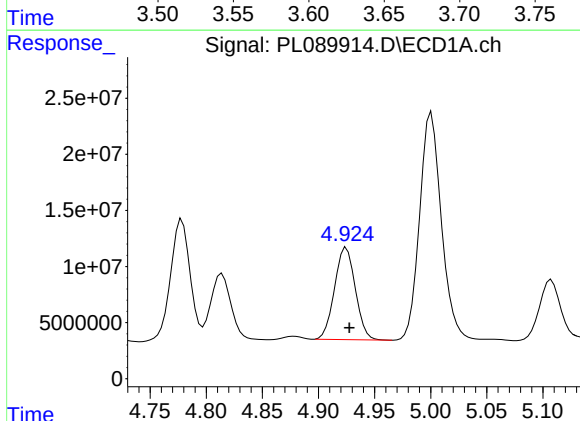
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



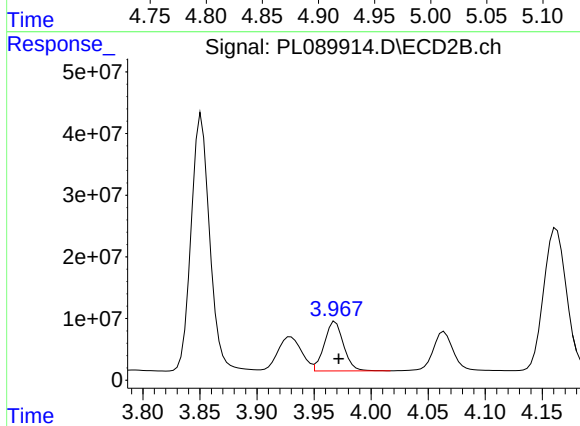
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.004 min
Response: 100142053
Conc: 47.88 ng/ml m



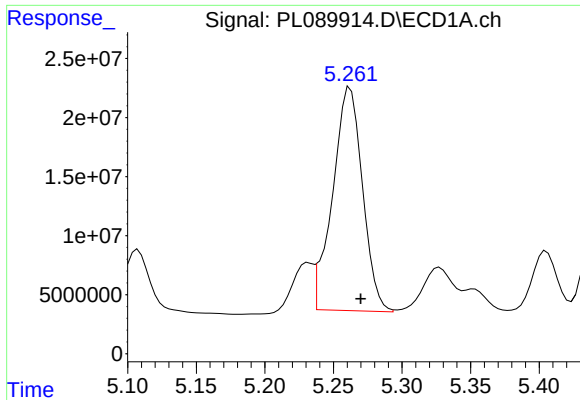
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 105907728
Conc: 40.57 ng/ml



#4 Heptachlor

R.T.: 3.969 min
Delta R.T.: -0.003 min
Response: 93837987
Conc: 47.02 ng/ml



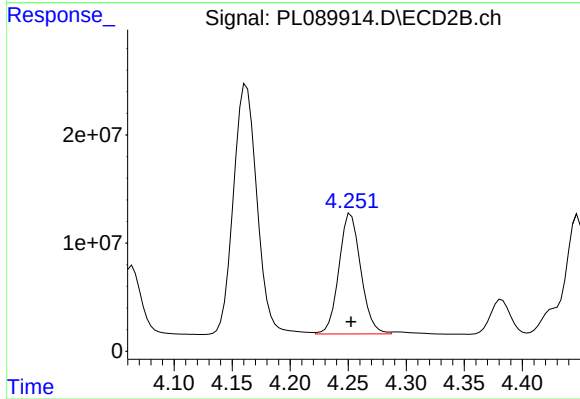
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.009 min
Response: 283900015
Conc: 106.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

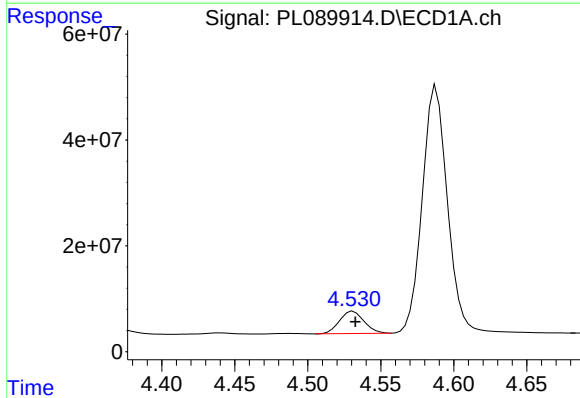
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



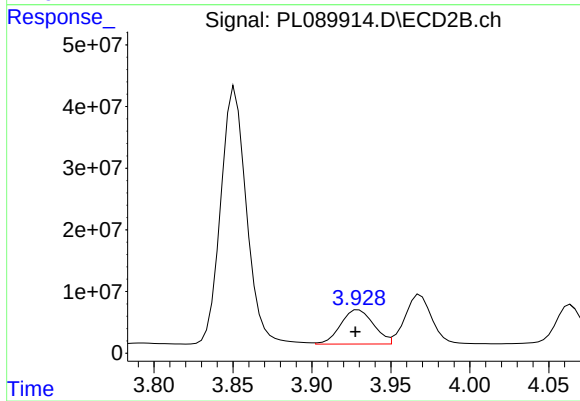
#5 Aldrin

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 146176960
Conc: 73.15 ng/ml



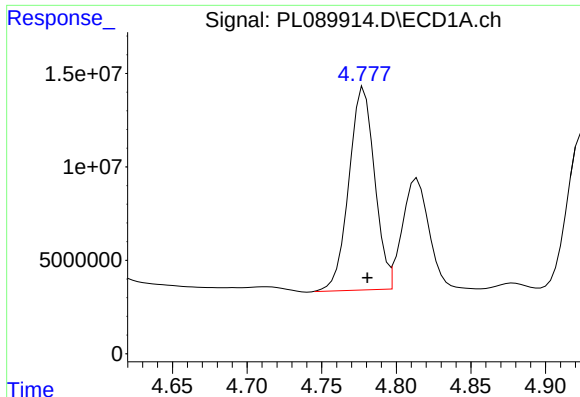
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 49444594
Conc: 37.85 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.002 min
Response: 80875658
Conc: 88.41 ng/ml



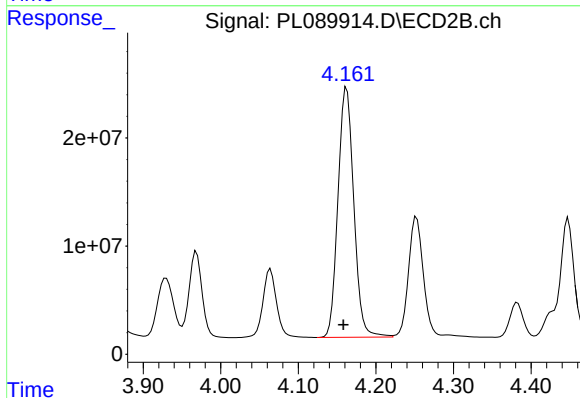
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.004 min
Response: 132946286
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

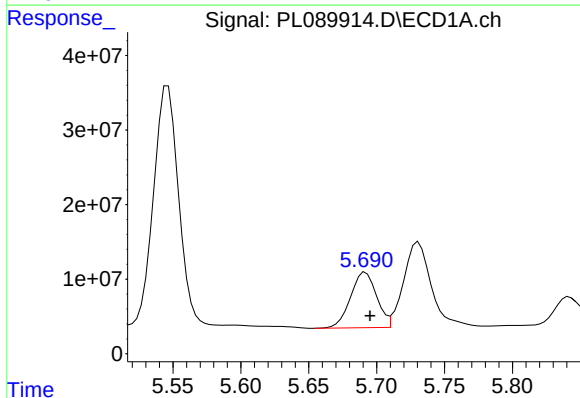
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



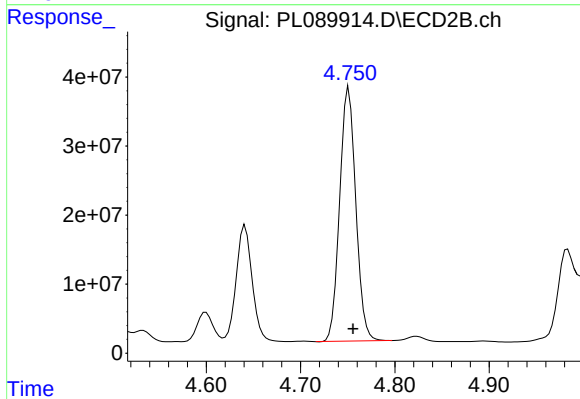
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.004 min
Response: 328271457
Conc: 162.88 ng/ml



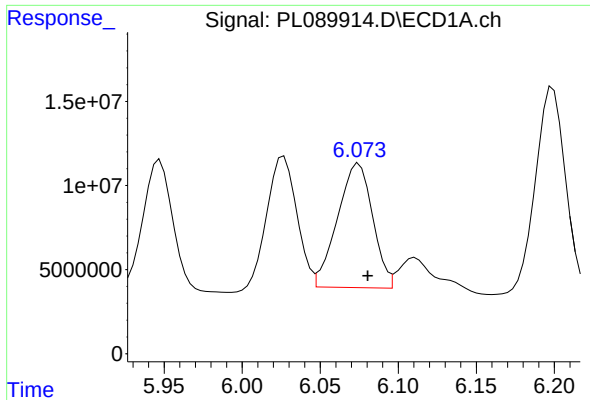
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 99270747
Conc: 39.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 436997762
Conc: 238.12 ng/ml



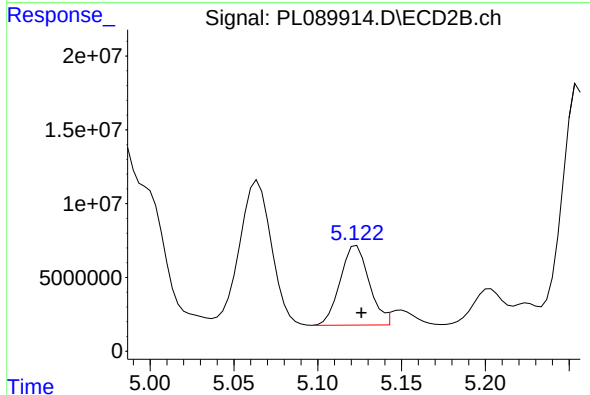
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.007 min
Response: 114572355
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

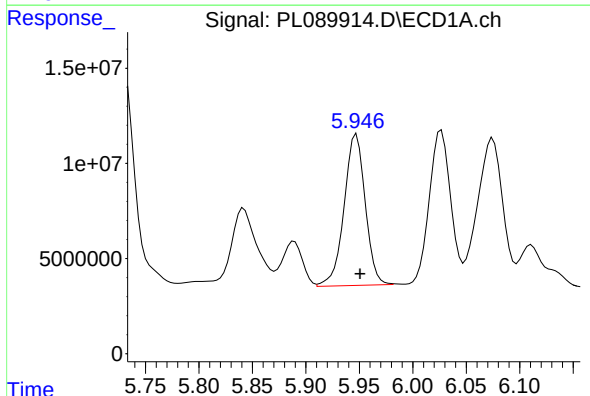
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



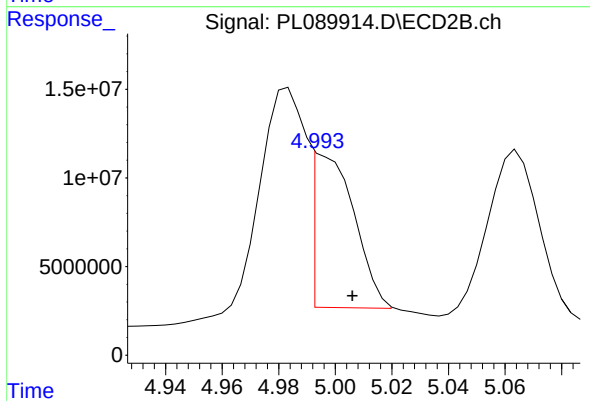
#9 Endosulfan I

R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 64602382
Conc: 37.81 ng/ml



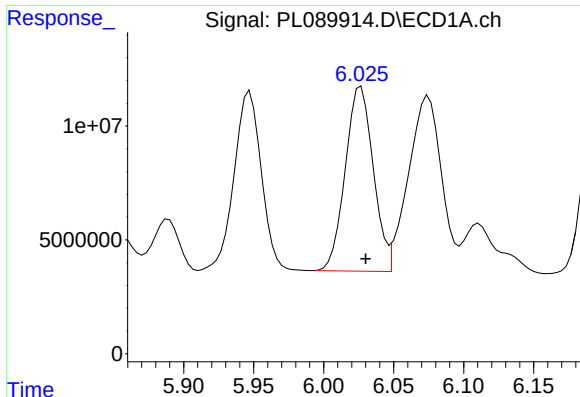
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 109441477
Conc: 45.25 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.013 min
Response: 80927840
Conc: 43.42 ng/ml m



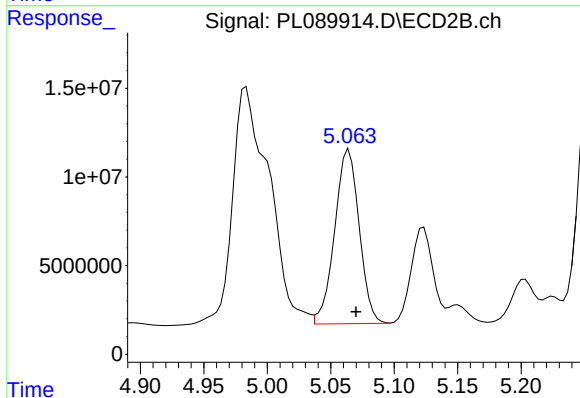
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.003 min
Response: 112973092
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

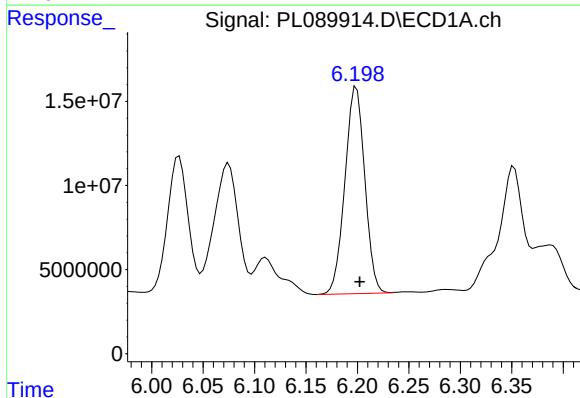
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



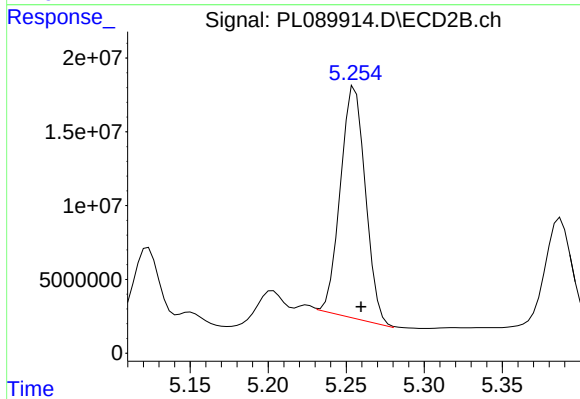
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 132265108
Conc: 70.49 ng/ml



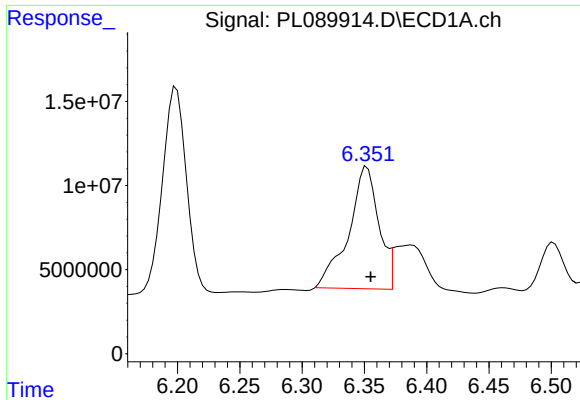
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 165267336
Conc: 75.97 ng/ml



#12 4,4'-DDE

R.T.: 5.254 min
Delta R.T.: -0.005 min
Response: 175034482
Conc: 104.77 ng/ml m



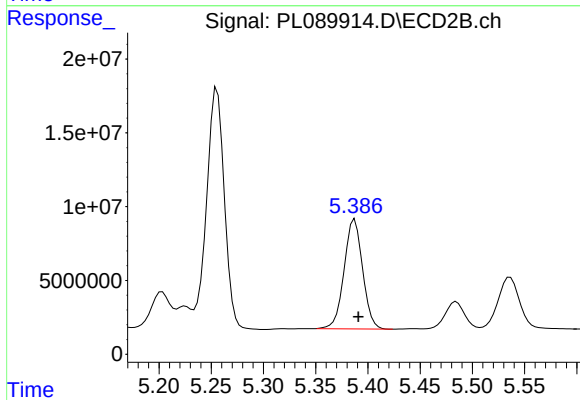
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 122397258
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

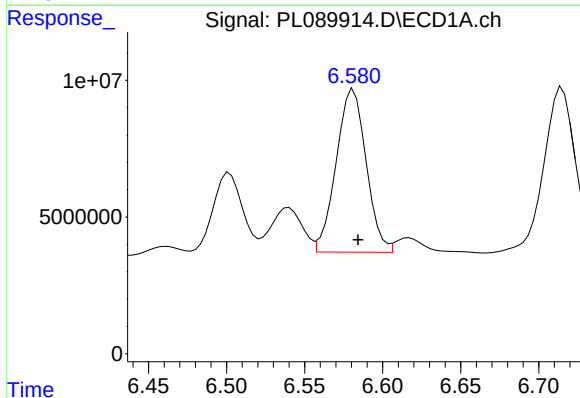
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



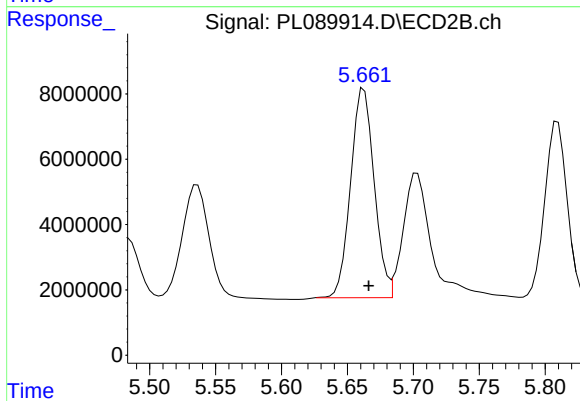
#13 Dieldrin

R.T.: 5.387 min
Delta R.T.: -0.003 min
Response: 91548522
Conc: 49.68 ng/ml



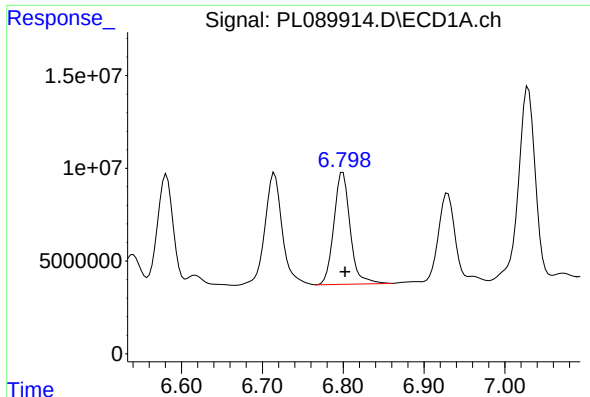
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 79757788
Conc: 39.67 ng/ml



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.004 min
Response: 79727314
Conc: 48.67 ng/ml



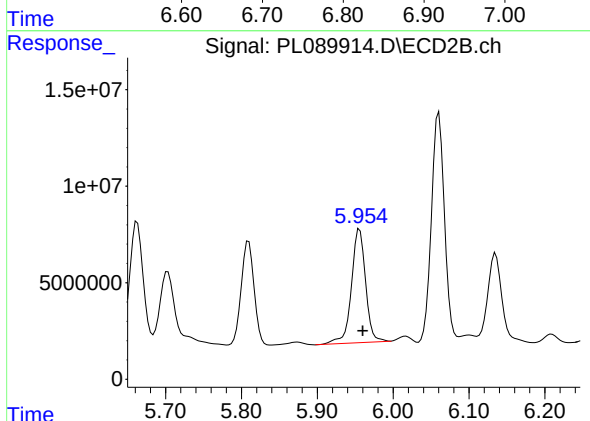
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 84413788
Conc: 40.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

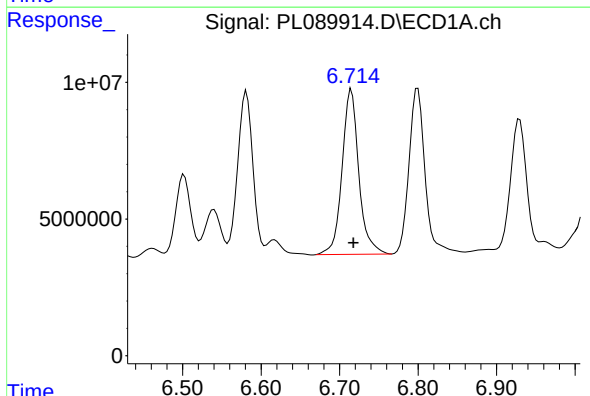
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



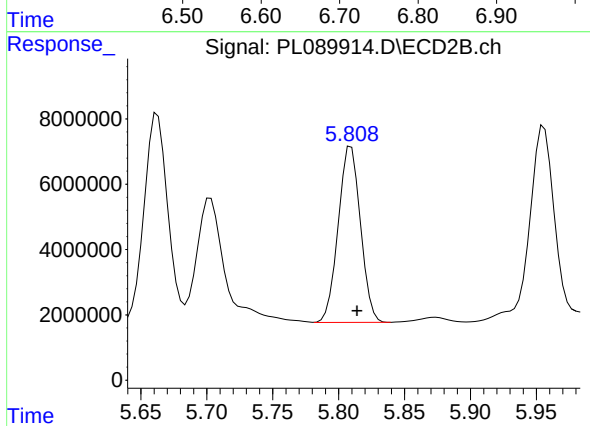
#15 Endosulfan II

R.T.: 5.956 min
Delta R.T.: -0.004 min
Response: 76445784
Conc: 47.47 ng/ml



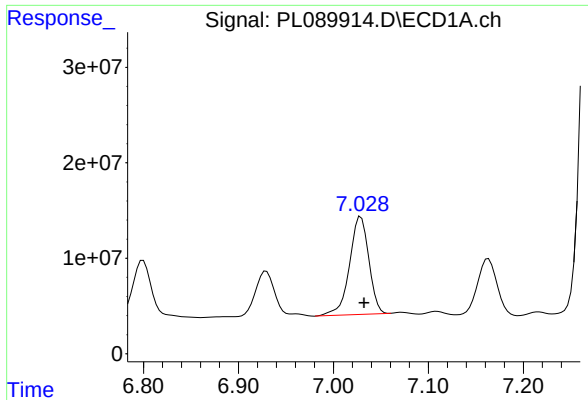
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.003 min
Response: 89705492
Conc: 51.21 ng/ml



#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 63326732
Conc: 44.93 ng/ml



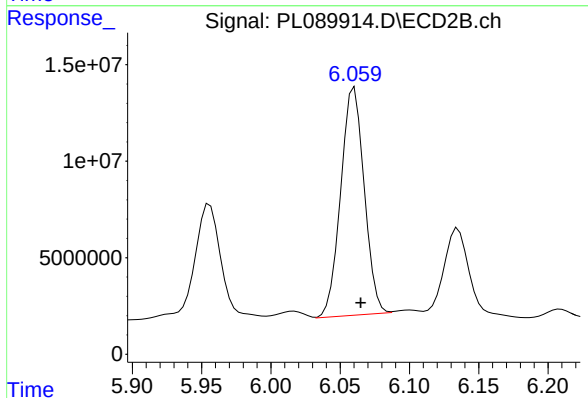
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 144648901
Conc: 78.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

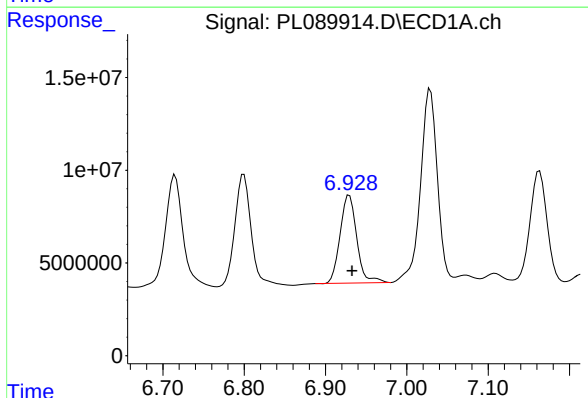
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



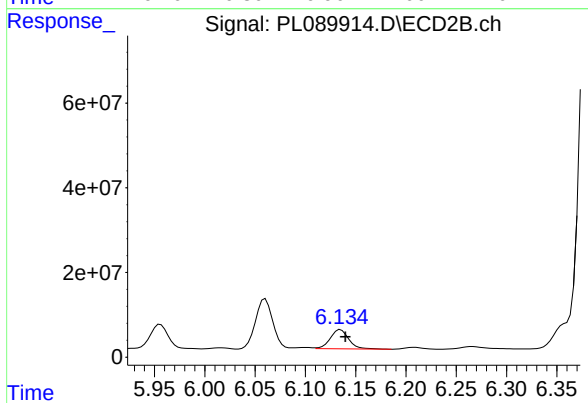
#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: -0.006 min
Response: 139554960
Conc: 91.90 ng/ml m



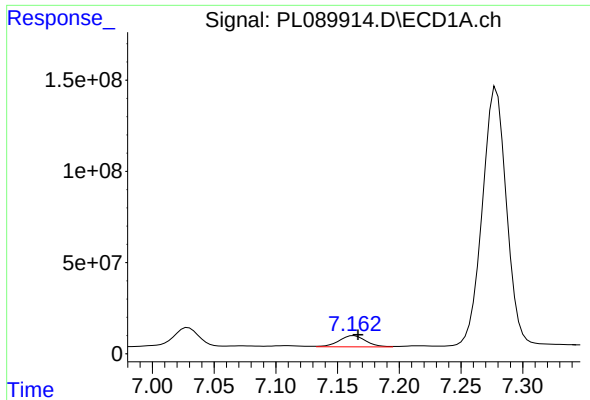
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 67663330
Conc: 43.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 57806102
Conc: 47.63 ng/ml



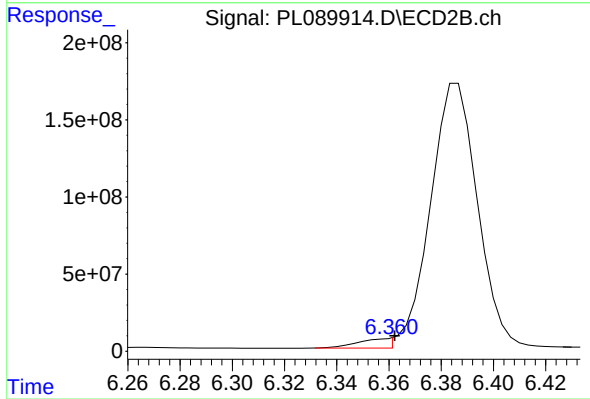
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.005 min
Response: 91915289
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

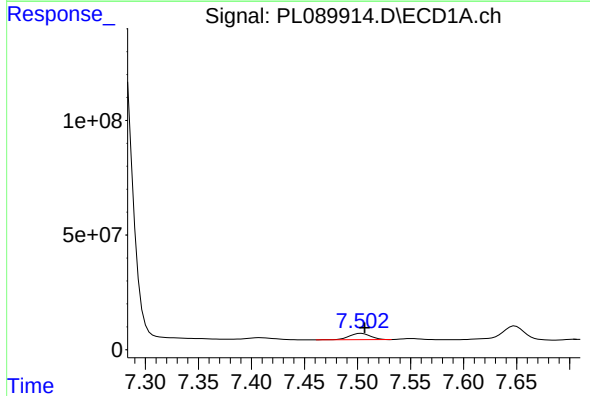
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



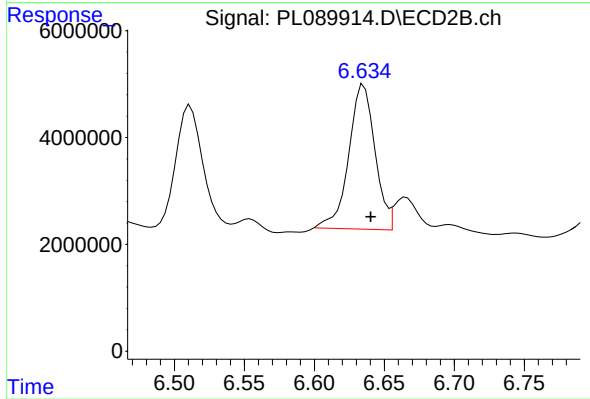
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 57493345
Conc: 36.56 ng/ml m



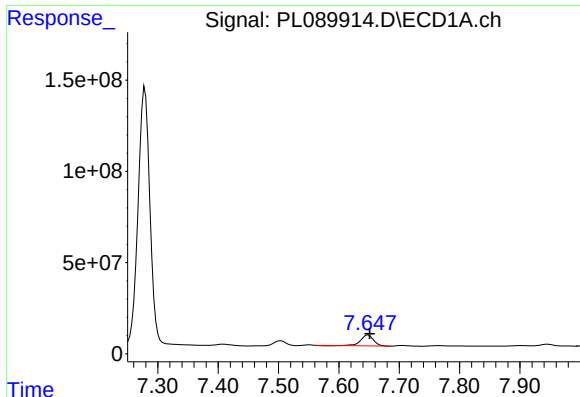
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 38030120
Conc: 38.72 ng/ml



#20 Methoxychlor

R.T.: 6.635 min
Delta R.T.: -0.005 min
Response: 35280604
Conc: 39.66 ng/ml



#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 88770374
Conc: 42.16 ng/ml

Instrument :

ECD_L

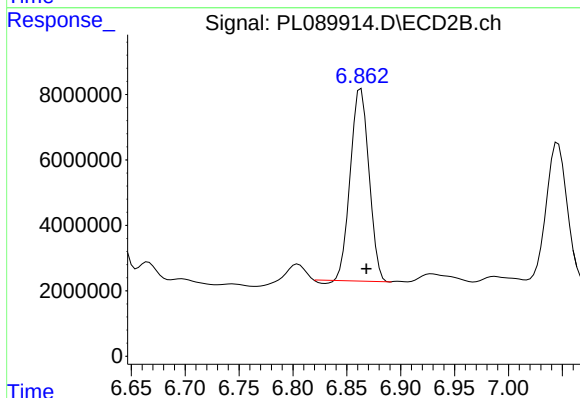
ClientSampleId :

WC-4MS

Manual Integrations

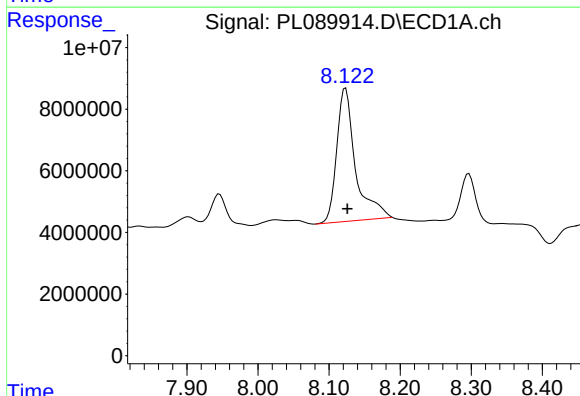
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



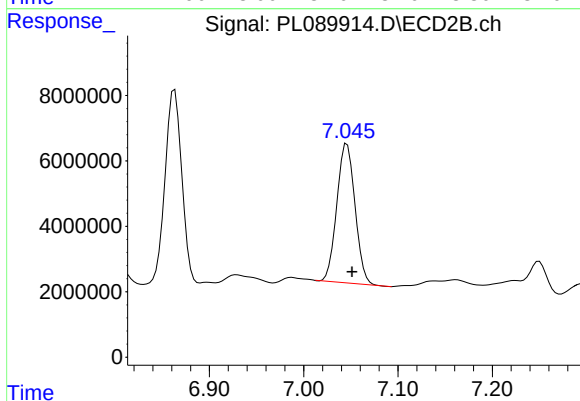
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: -0.005 min
Response: 70635441
Conc: 38.76 ng/ml



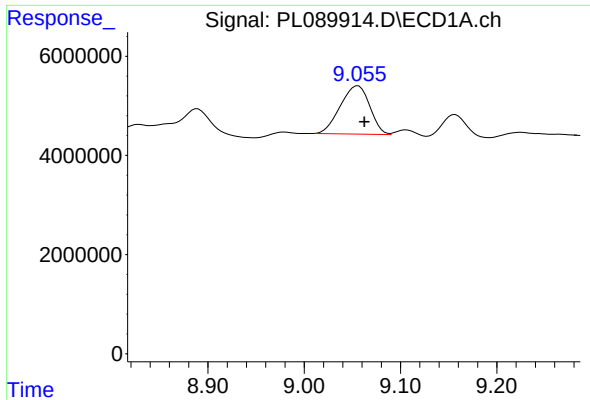
#22 Mirex

R.T.: 8.123 min
Delta R.T.: -0.003 min
Response: 79568438
Conc: 47.83 ng/ml



#22 Mirex

R.T.: 7.046 min
Delta R.T.: -0.005 min
Response: 57101583
Conc: 37.18 ng/ml



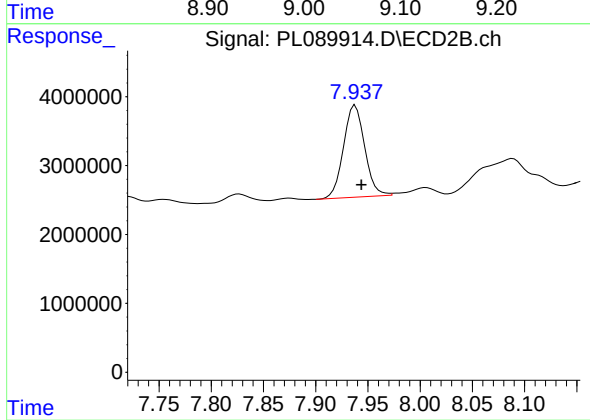
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.007 min
Response: 20676819
Conc: 14.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2024
Supervised By :Ankita Jodhani 06/05/2024



#28 Decachlorobiphenyl

R.T.: 7.938 min
Delta R.T.: -0.006 min
Response: 18792159
Conc: 12.65 ng/ml