

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
 Data File : PL089092.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2024 13:14
 Operator : AR\AJ
 Sample : PB160392BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160392BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2024
 Supervised By :Ankita Jodhani 04/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 00:40:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 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...	3.550	2.797	39022154	24609959	18.360	18.464
2) SA Decachlor...	9.064	7.949	24894894	25513242	19.544	19.053
Target Compounds						
2) A alpha-BHC	4.006	3.302	126.7E6	92315528	42.381	46.659
3) MA gamma-BHC...	4.339	3.633	120.9E6	88116675	41.898	45.807
4) MA Heptachlor	4.929	3.975	106.9E6	84390078	42.956	46.960
5) MB Aldrin	5.271	4.257	106.7E6	83177502	41.118	45.343
6) B beta-BHC	4.532	3.930	56317716	39545411	41.969m	47.317
7) B delta-BHC	4.781	4.161	113.2E6	84965614	42.334	46.537
8) B Heptachlo...	5.696	4.760	99440704	77366614	42.143	46.588
9) A Endosulfan I	6.081	5.130	95124440	73149418	43.501	48.671
10) B gamma-Chl...	5.951	5.010	100.2E6	80958764	43.580	49.352
11) B alpha-Chl...	6.031	5.074	99777764	80607754	43.583	48.744
12) B 4,4'-DDE	6.202	5.263	89475775	72479312	44.521	49.289
13) MA Dieldrin	6.356	5.395	98779524	78793237	43.802	48.200
14) MA Endrin	6.585	5.670	77296635	65666347	41.129	45.183
15) B Endosulfa...	6.803	5.964	85429826	70131605	44.350	49.055
16) A 4,4'-DDD	6.718	5.818	74815316	63262913	46.415	52.241
17) MA 4,4'-DDT	7.032	6.069	76996882	61342935	42.254	46.800
18) B Endrin al...	6.933	6.143	65727541	53000446	44.908	48.228
19) B Endosulfa...	7.167	6.365	78133065	66900166	45.510	49.491
20) A Methoxychlor	7.507	6.645	39124892	33623676	44.404	44.986
21) B Endrin ke...	7.652	6.872	89025063	80249658	46.162	50.703
22) Mirex	8.126	7.056	67272686	63981127	45.805m	48.393

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
Data File : PL089092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2024 13:14
Operator : AR\AJ
Sample : PB160392BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB160392BS

Manual Integrations

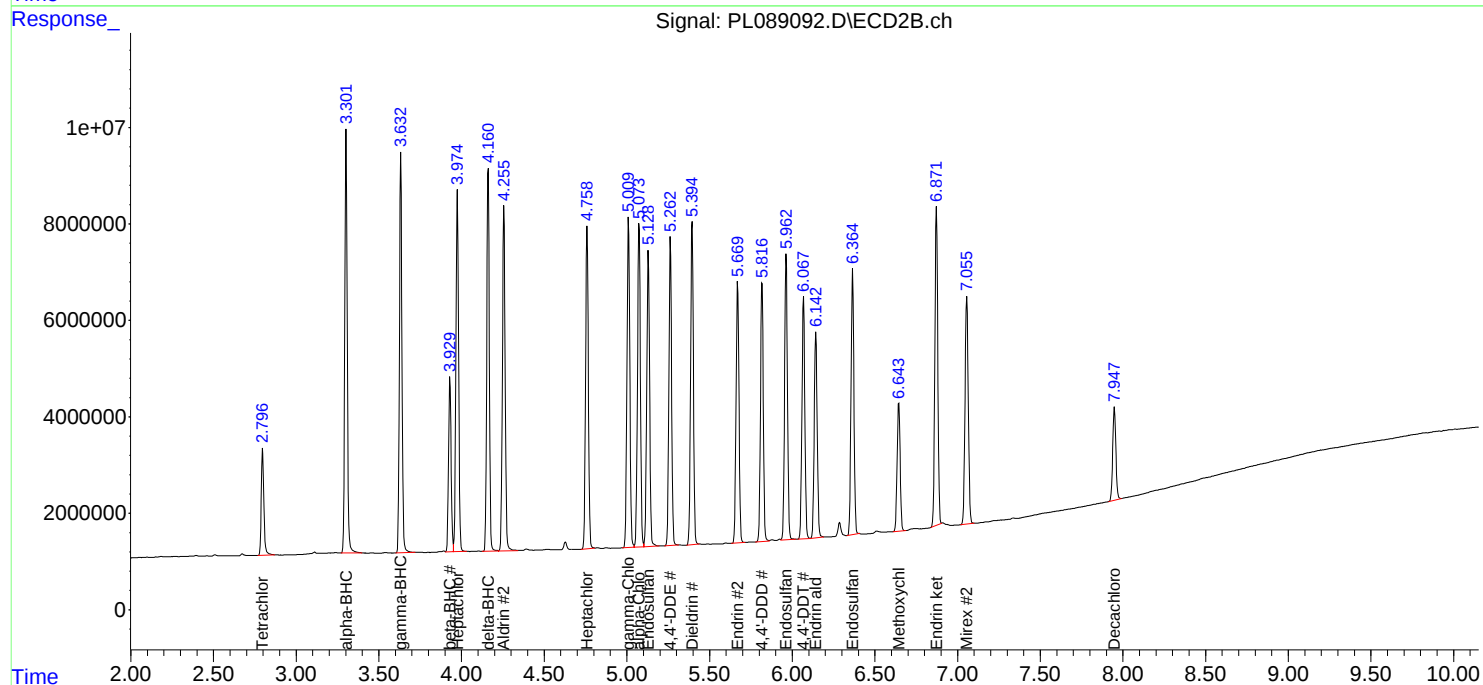
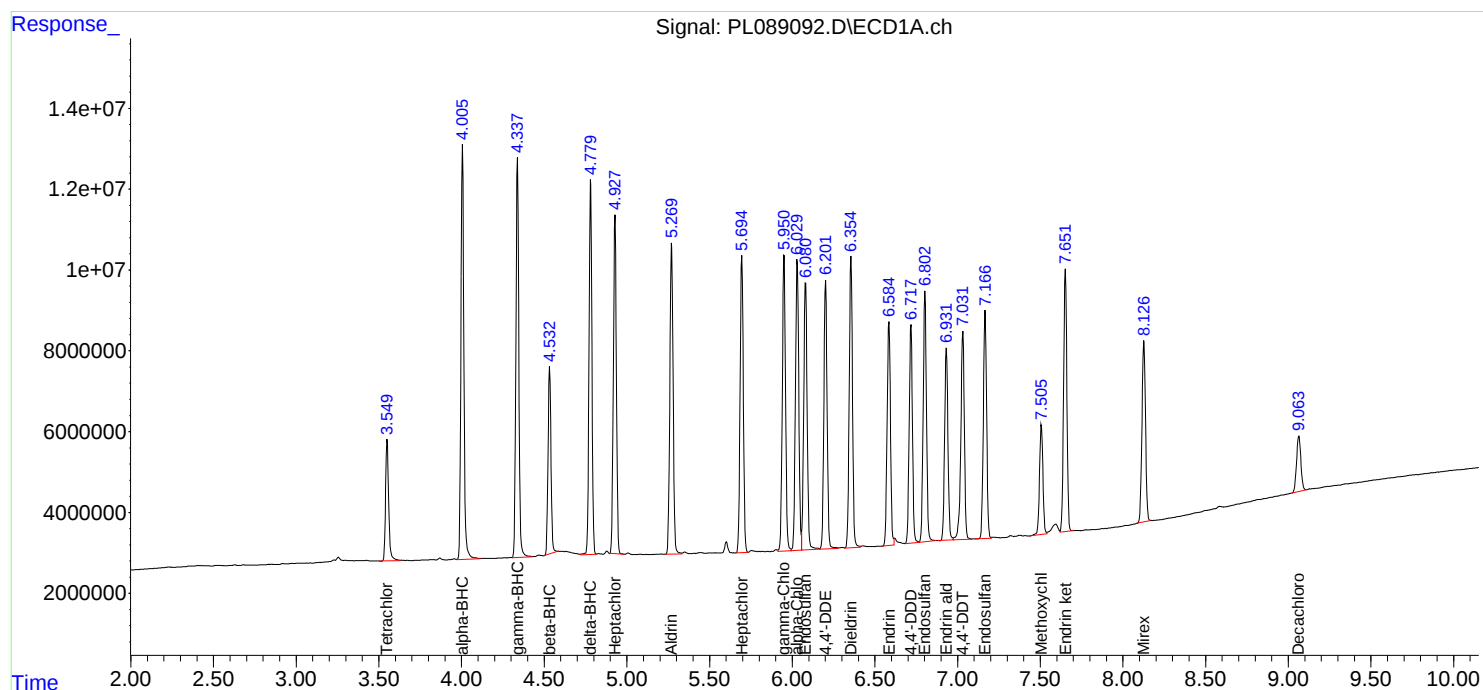
APPROVED

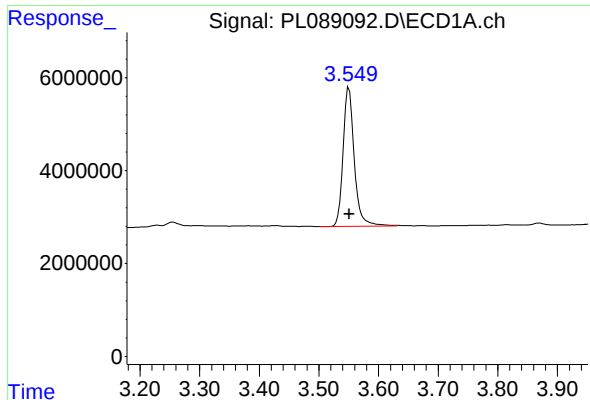
Reviewed By :Abdul Mirza 04/22/2024

Supervised By :Ankita Jodhani 04/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 00:40:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 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.: 3.550 min
Delta R.T.: 0.000 min
Response: 39022154
Conc: 18.36 ng/ml

Instrument :

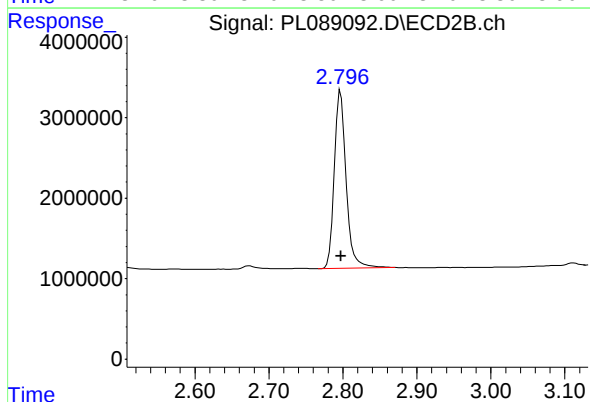
ECD_L

ClientSampleId :

PB160392BS

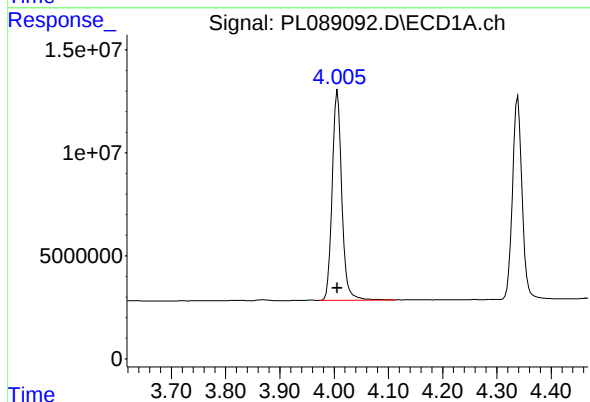
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



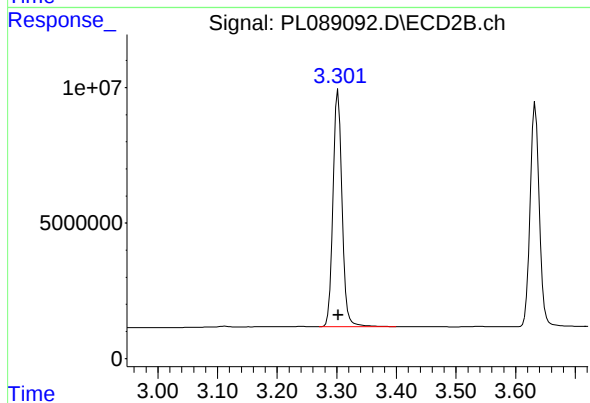
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 24609959
Conc: 18.46 ng/ml



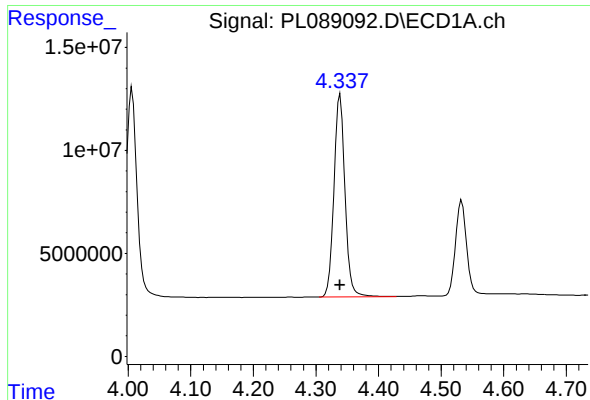
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 126721110
Conc: 42.38 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 92315528
Conc: 46.66 ng/ml



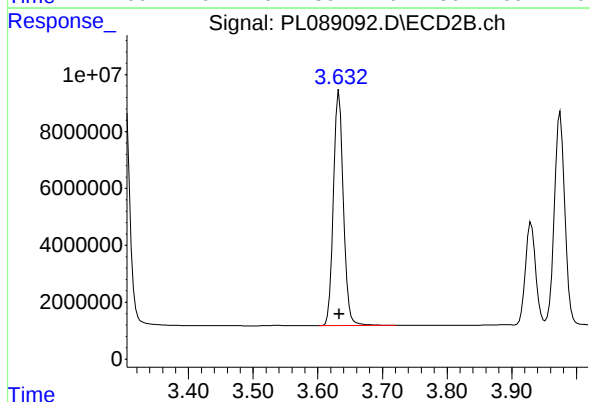
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 120884575
Conc: 41.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

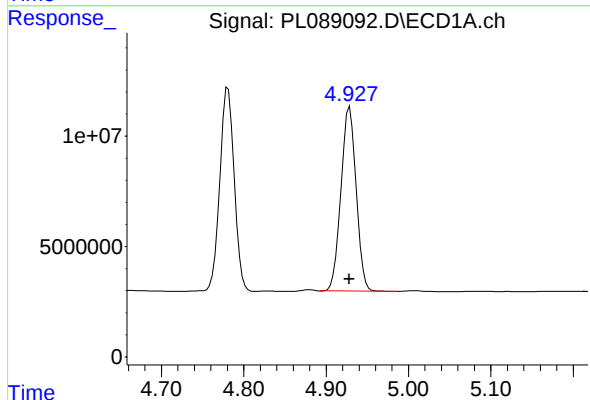
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



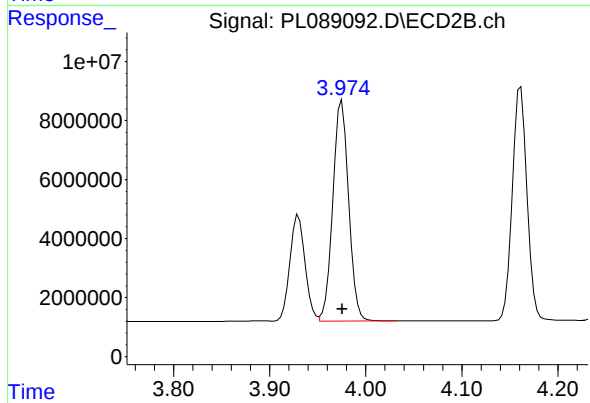
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 88116675
Conc: 45.81 ng/ml



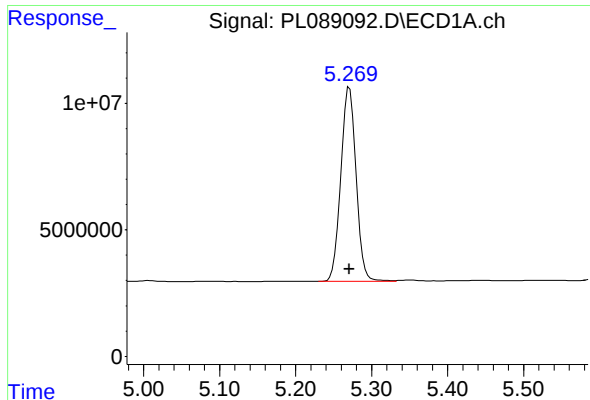
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 106882374
Conc: 42.96 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 84390078
Conc: 46.96 ng/ml



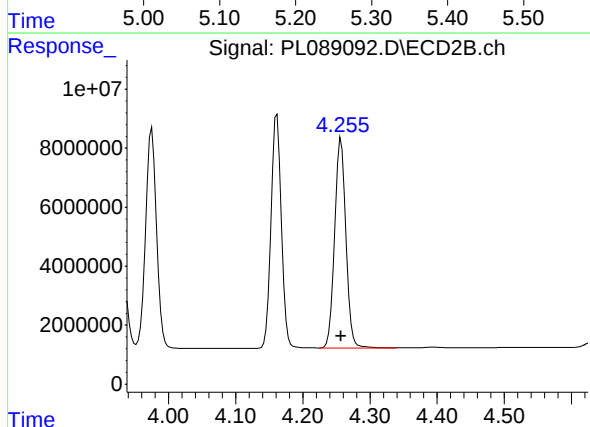
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 106724210
Conc: 41.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

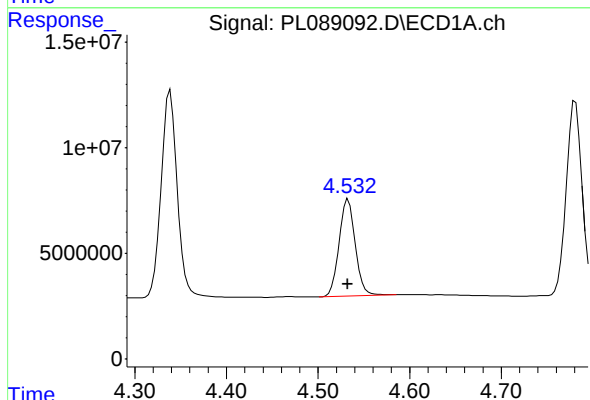
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



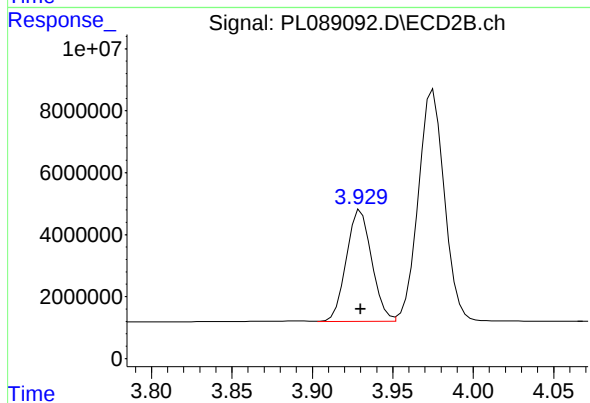
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 83177502
Conc: 45.34 ng/ml



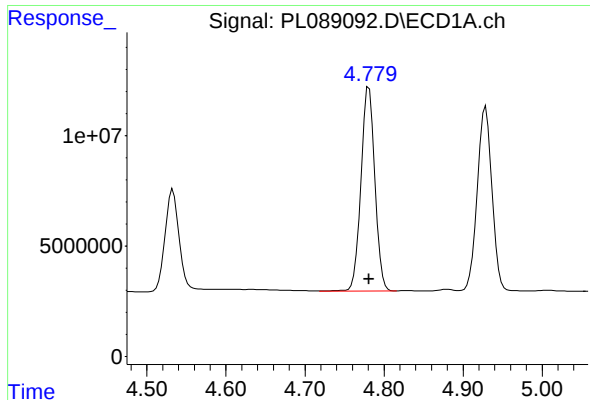
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 56317716
Conc: 41.97 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 39545411
Conc: 47.32 ng/ml



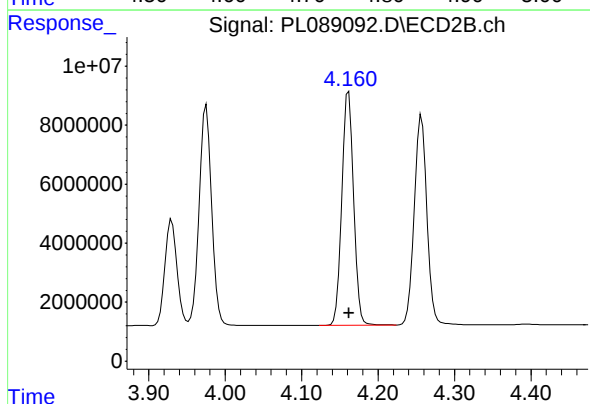
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 113211886
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

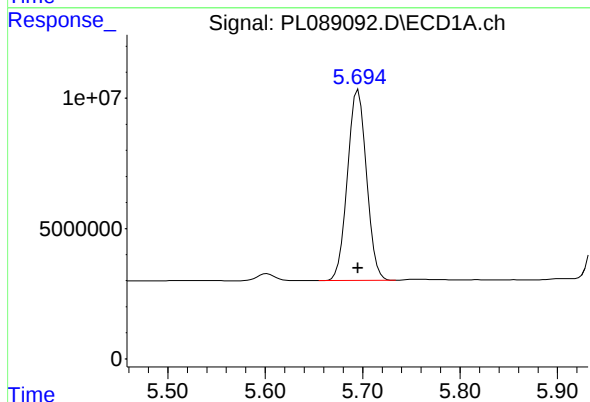
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



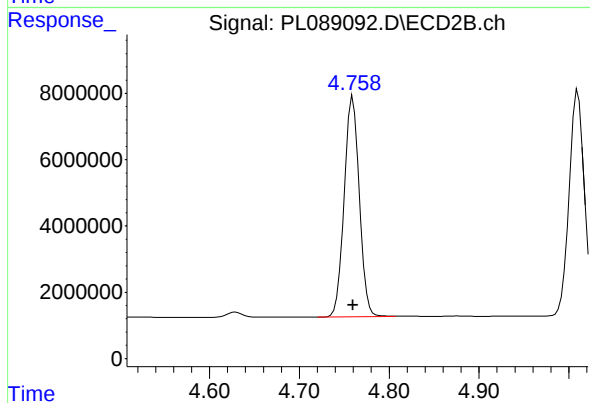
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 84965614
Conc: 46.54 ng/ml



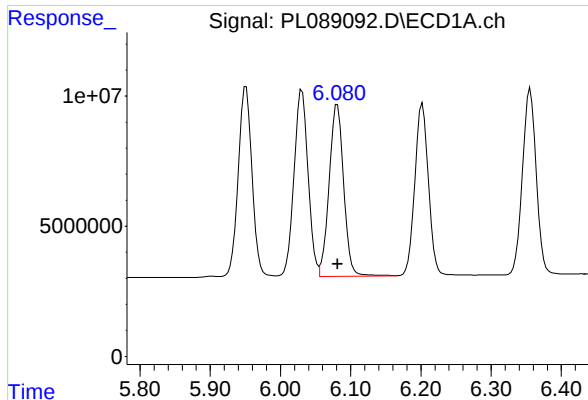
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 99440704
Conc: 42.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 77366614
Conc: 46.59 ng/ml



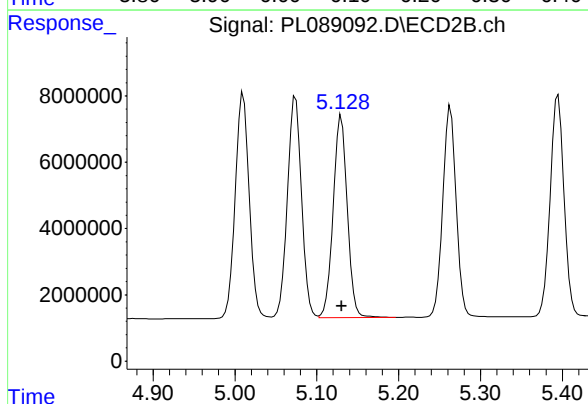
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 95124440
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

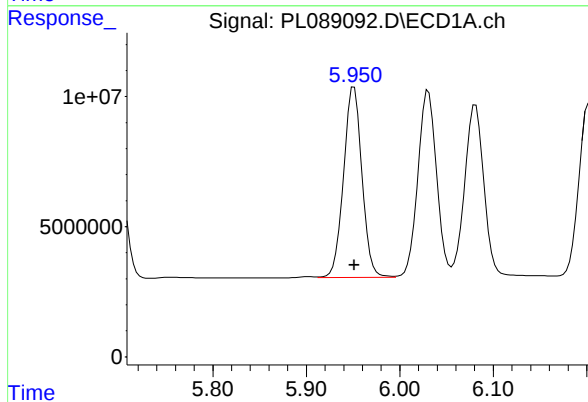
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



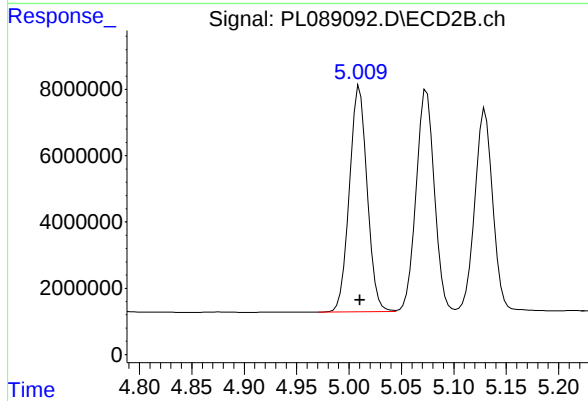
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 73149418
Conc: 48.67 ng/ml



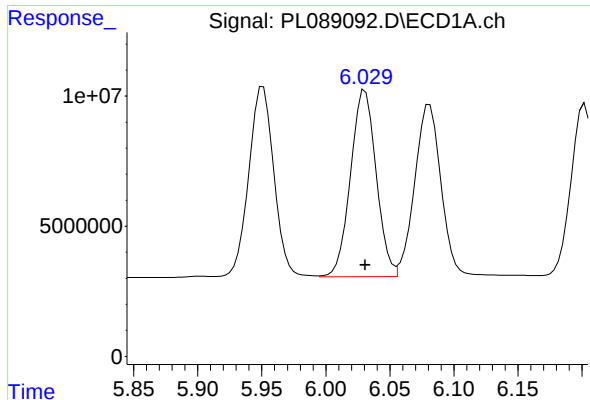
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 100183618
Conc: 43.58 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 80958764
Conc: 49.35 ng/ml



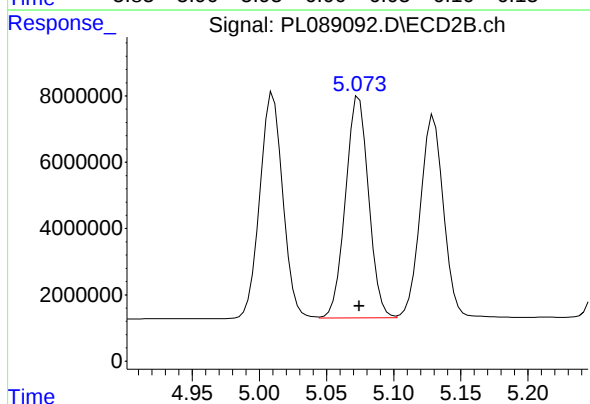
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 99777764
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

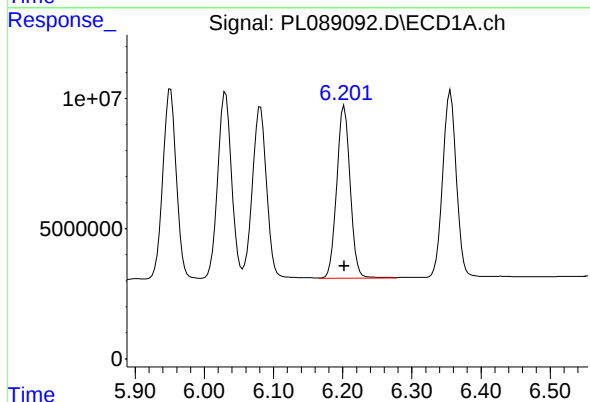
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



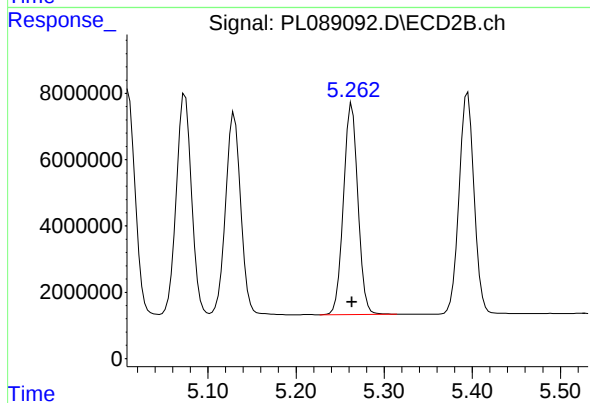
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 80607754
Conc: 48.74 ng/ml



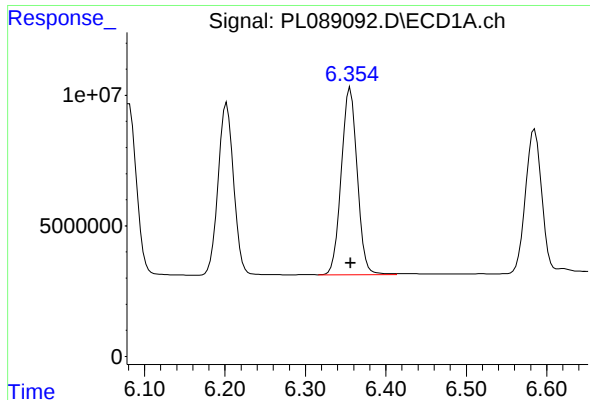
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 89475775
Conc: 44.52 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 72479312
Conc: 49.29 ng/ml



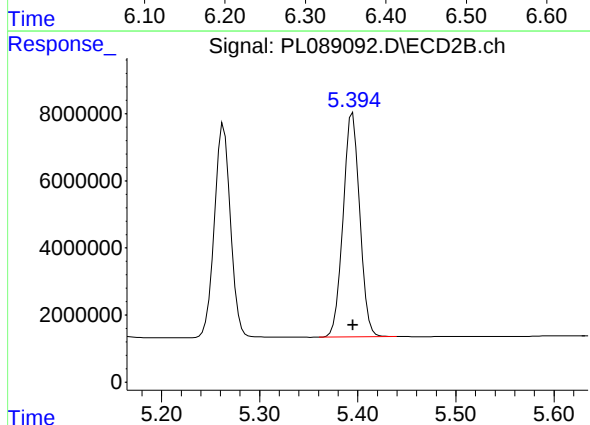
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 98779524
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

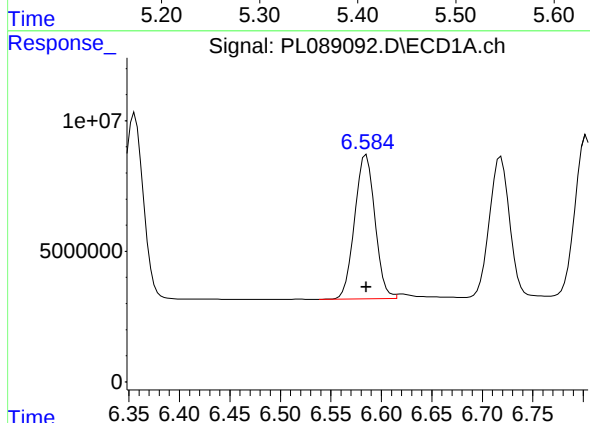
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



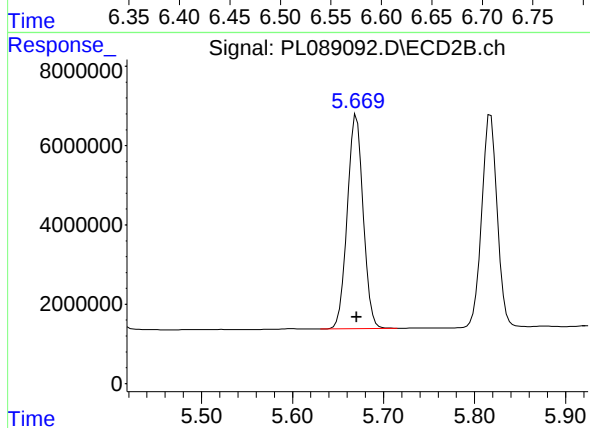
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 78793237
Conc: 48.20 ng/ml



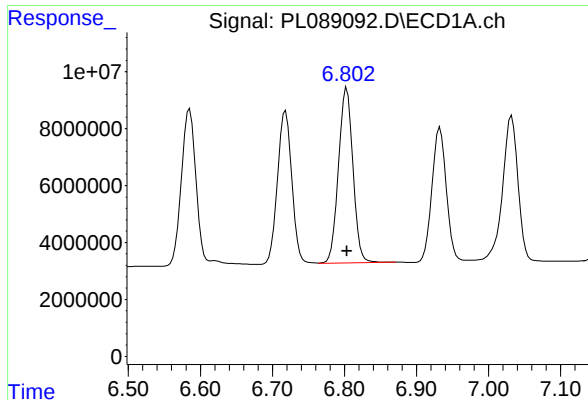
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 77296635
Conc: 41.13 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 65666347
Conc: 45.18 ng/ml



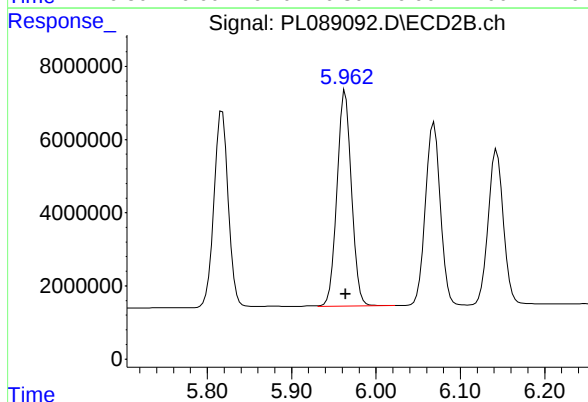
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 85429826
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

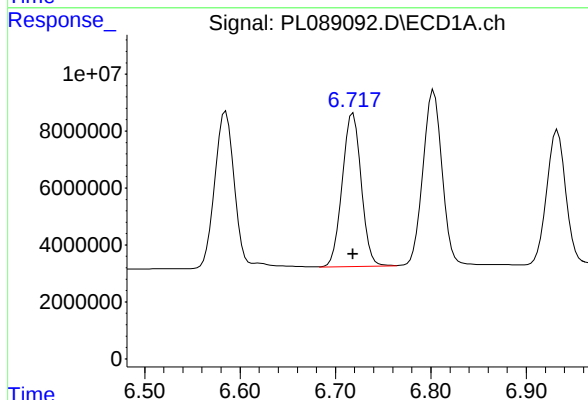
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



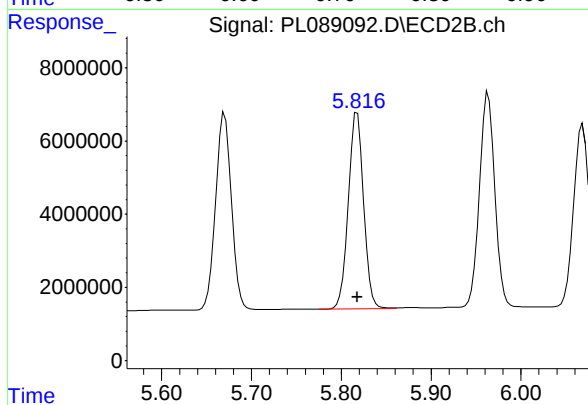
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 70131605
Conc: 49.05 ng/ml



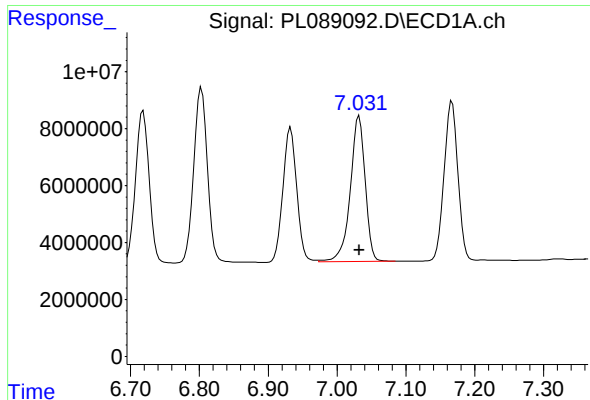
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 74815316
Conc: 46.41 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 63262913
Conc: 52.24 ng/ml



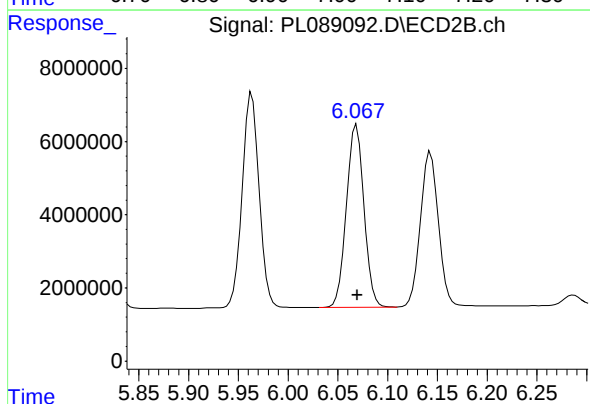
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 76996882
Conc: 42.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

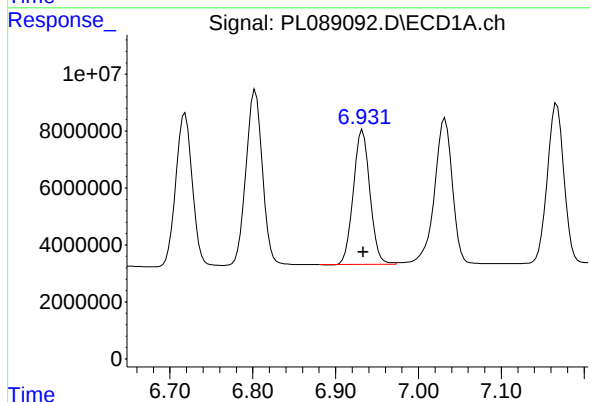
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



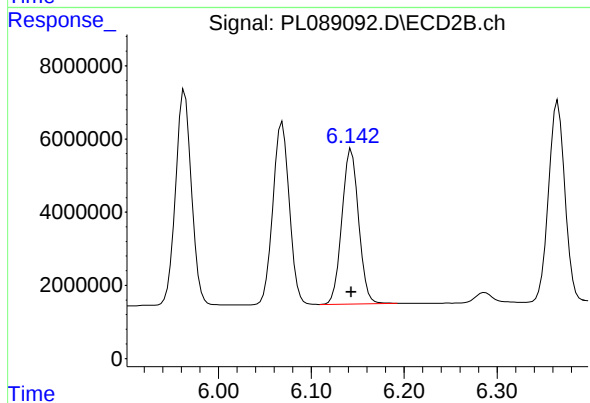
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 61342935
Conc: 46.80 ng/ml



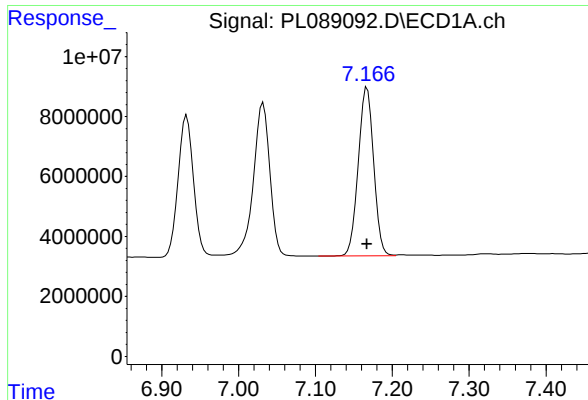
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 65727541
Conc: 44.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 53000446
Conc: 48.23 ng/ml



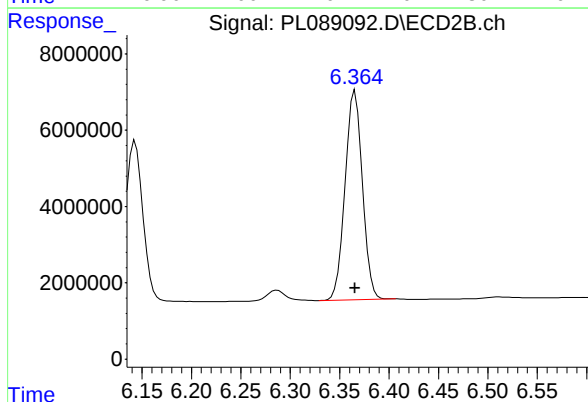
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 78133065
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

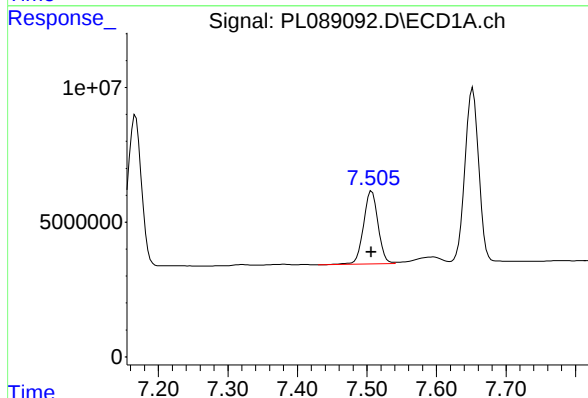
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



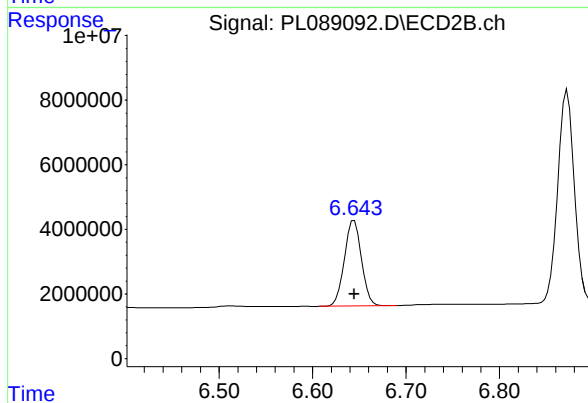
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 66900166
Conc: 49.49 ng/ml



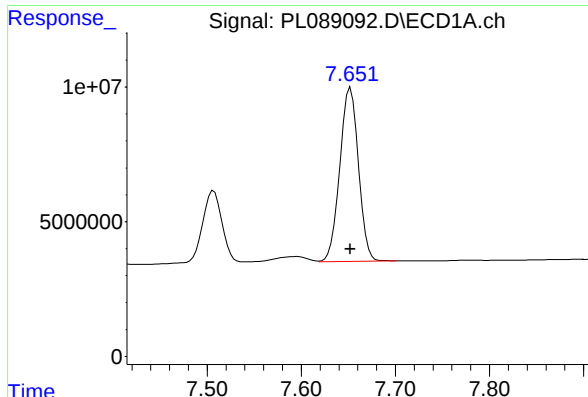
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 39124892
Conc: 44.40 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 33623676
Conc: 44.99 ng/ml



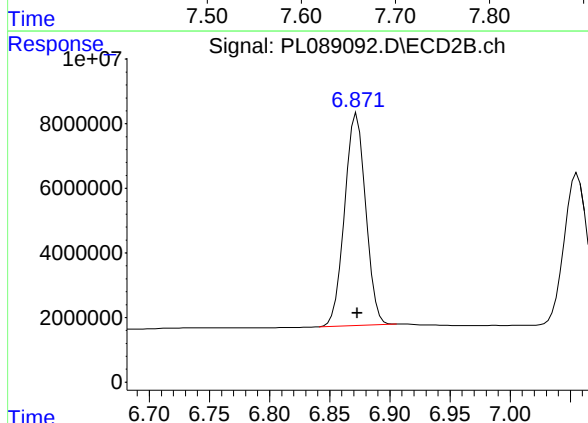
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 89025063
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

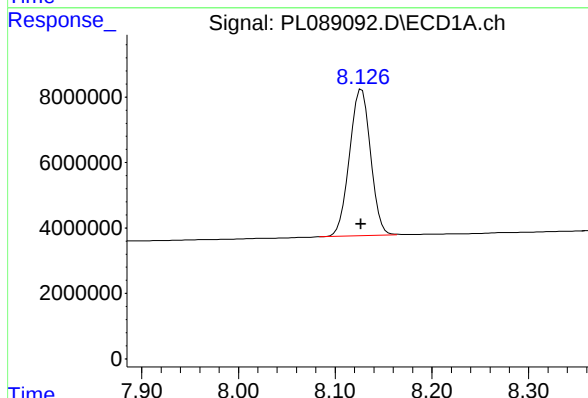
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



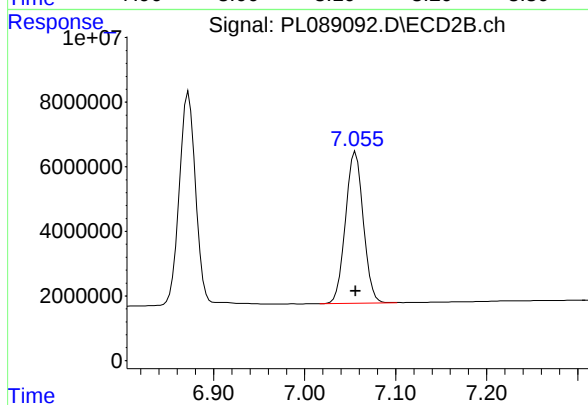
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 80249658
Conc: 50.70 ng/ml



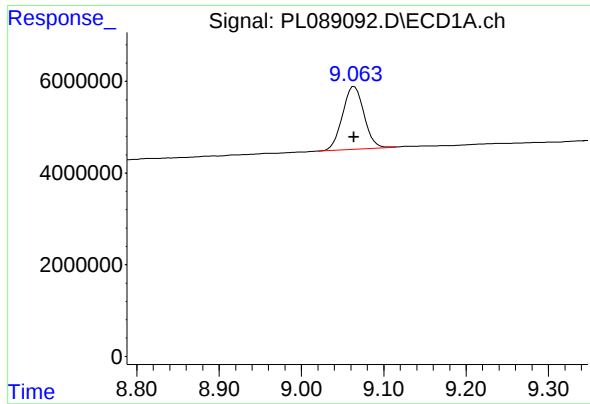
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 67272686
Conc: 45.81 ng/ml m



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 63981127
Conc: 48.39 ng/ml



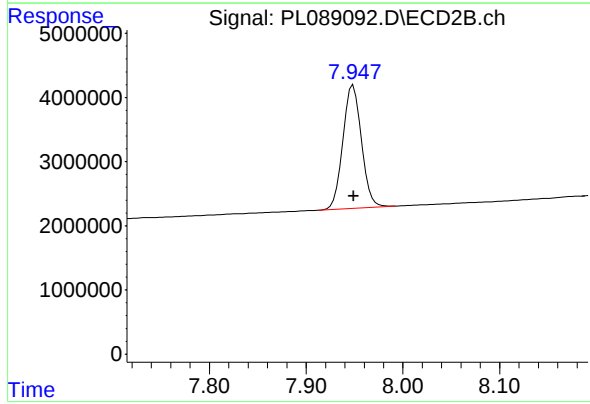
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 24894894
Conc: 19.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160392BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 25513242
Conc: 19.05 ng/ml