

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041824\
 Data File : PL089082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2024 14:53
 Operator : AR\AJ
 Sample : PB160358BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160358BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/19/2024
 Supervised By :Ankita Jodhani 04/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 01:50:42 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...	3.551	2.798	43420110	25636139	20.430	19.234
28)	SA Decachlor...	9.066	7.951	24938174	24882880	19.578	18.582
Target Compounds							
2)	A alpha-BHC	4.007	3.303	141.9E6	97966535	47.452	49.516
3)	MA gamma-BHC...	4.340	3.634	134.7E6	93547273	46.673	48.630
4)	MA Heptachlor	4.930	3.976	119.0E6	89094226	47.813	49.578
5)	MB Aldrin	5.272	4.258	118.6E6	87820341	45.706	47.874
6)	B beta-BHC	4.534	3.931	62715909	41621429	46.737	49.801
7)	B delta-BHC	4.782	4.162	125.8E6	89802667	47.051	49.187
8)	B Heptachlo...	5.697	4.760	110.7E6	81290986	46.932	48.951
9)	A Endosulfan I	6.082	5.131	105.0E6	76749246	48.000	51.066
10)	B gamma-Chl...	5.953	5.011	111.1E6	85336399	48.337	52.020
11)	B alpha-Chl...	6.032	5.076	110.0E6	84897472	48.058	51.338
12)	B 4,4'-DDE	6.203	5.265	99384327	76234997	49.452	51.843
13)	MA Dieldrin	6.357	5.396	109.4E6	83156099	48.502	50.869
14)	MA Endrin	6.586	5.671	88763463	70224427	47.231	48.319
15)	B Endosulfa...	6.804	5.965	94593191	74154318	49.107	51.869
16)	A 4,4'-DDD	6.719	5.819	82679316	66338379	51.294	54.781
17)	MA 4,4'-DDT	7.034	6.071	85443382	65694325	46.889	50.119
18)	B Endrin al...	6.934	6.144	73955105	57326418	50.529	52.164
19)	B Endosulfa...	7.168	6.367	85892323	70718990	50.030	52.316
20)	A Methoxychlor	7.508	6.646	43054066	35528801	48.863	47.535
21)	B Endrin ke...	7.653	6.874	97839891	84556969	50.733	53.424
22)	Mirex	8.126	7.057	73973681	67553871	50.368m	51.096

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041824\
Data File : PL089082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2024 14:53
Operator : AR\AJ
Sample : PB160358BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

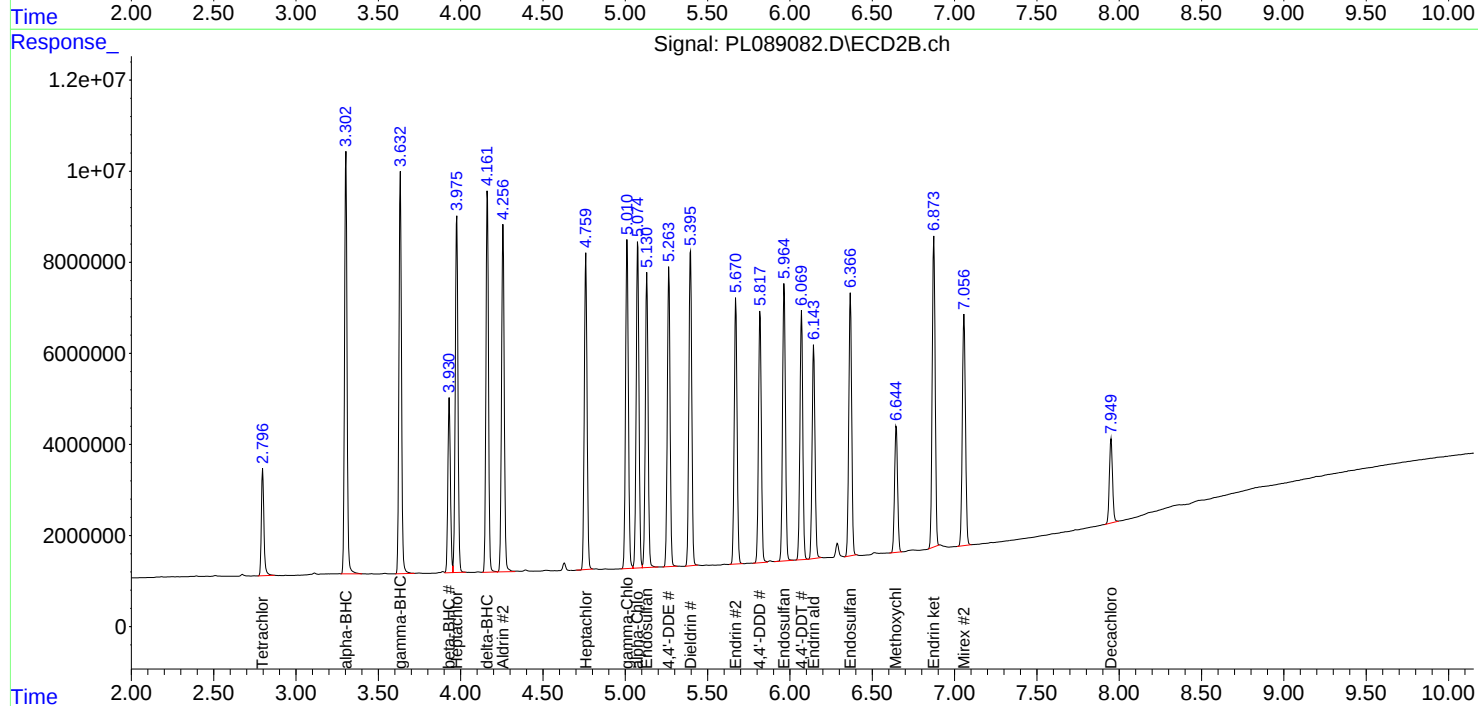
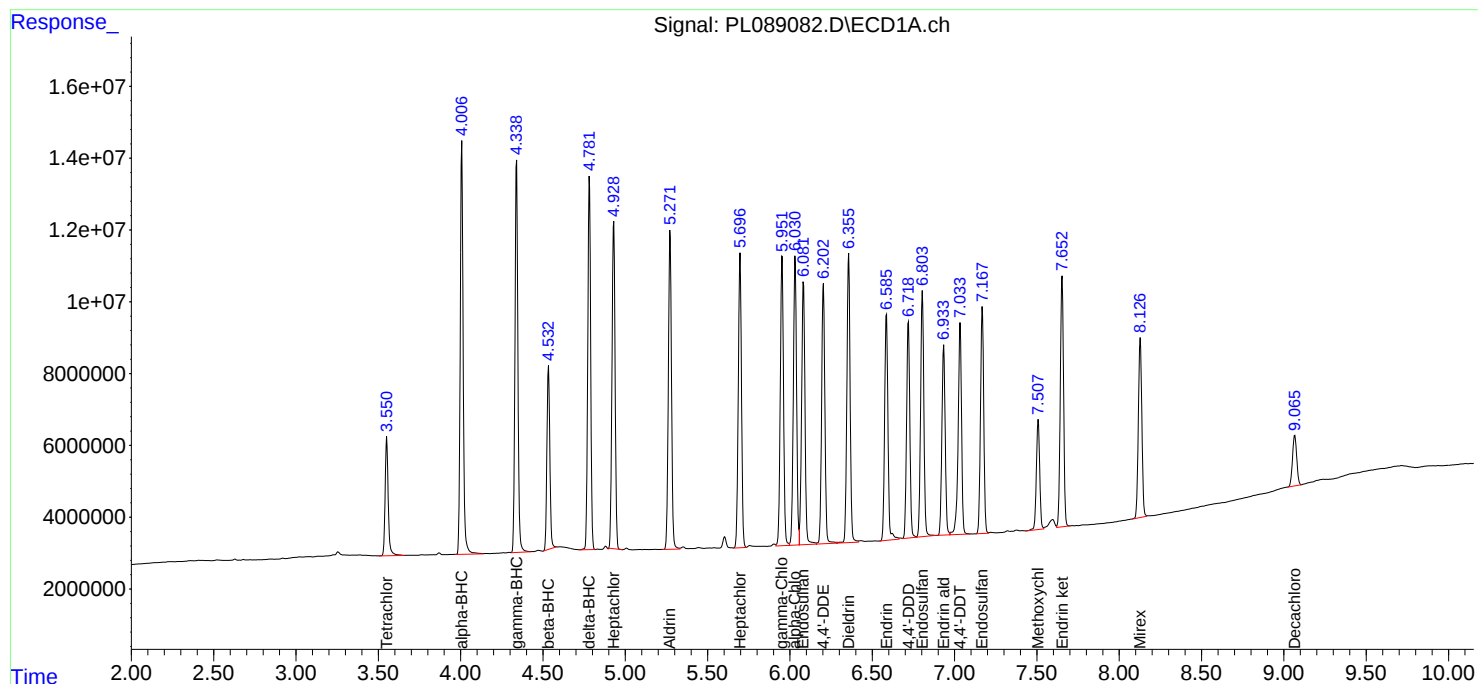
Instrument :
ECD_L
ClientSampleId :
PB160358BS

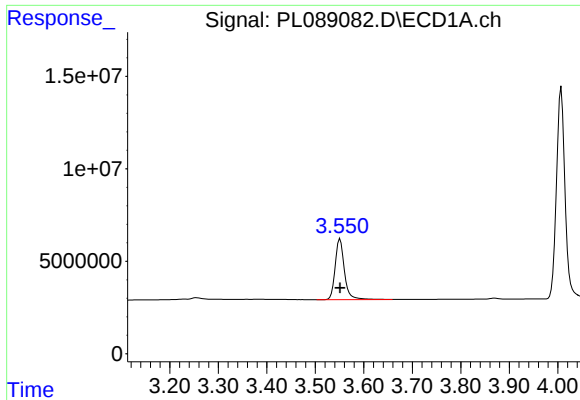
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 01:50:42 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.: 3.551 min
Delta R.T.: 0.000 min
Response: 43420110
Conc: 20.43 ng/ml

Instrument :

ECD_L

ClientSampleId :

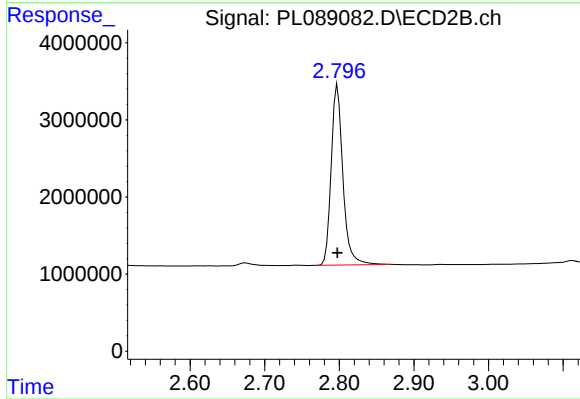
PB160358BS

Manual Integrations

APPROVED

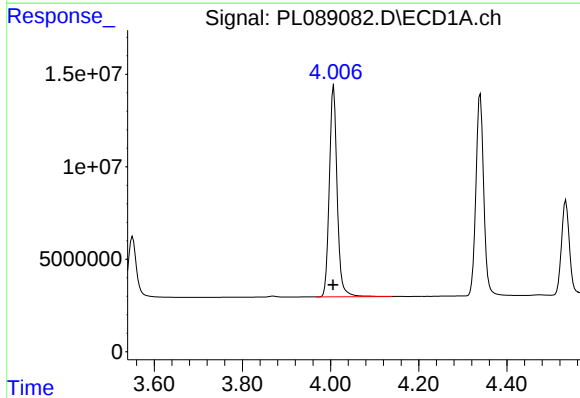
Reviewed By :Abdul Mirza 04/19/2024

Supervised By :Ankita Jodhani 04/19/2024



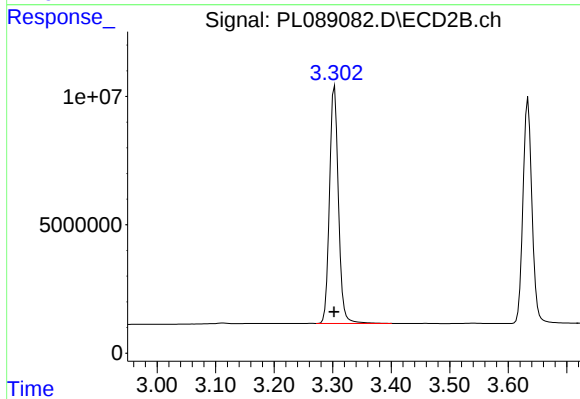
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 25636139
Conc: 19.23 ng/ml



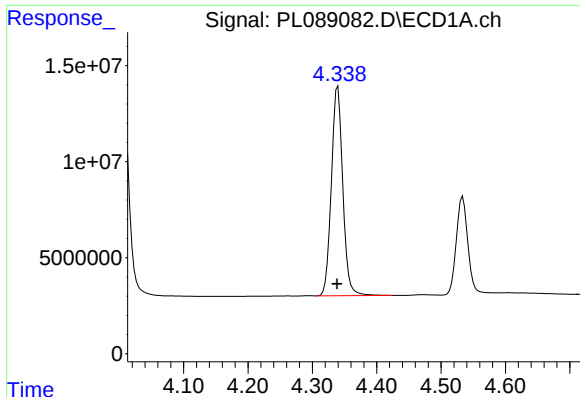
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 141883522
Conc: 47.45 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 97966535
Conc: 49.52 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.001 min
Response: 134659867
Conc: 46.67 ng/ml

Instrument :

ECD_L

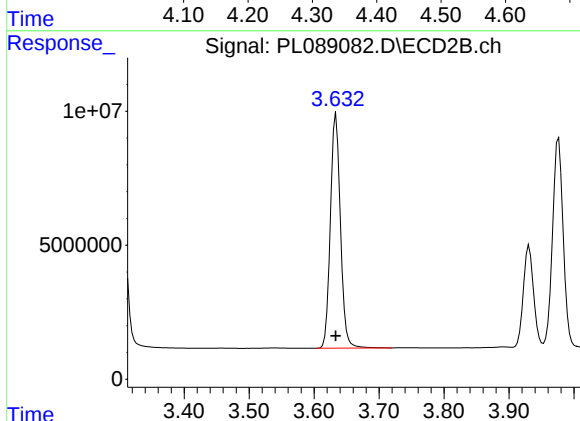
ClientSampleId :

PB160358BS

Manual Integrations

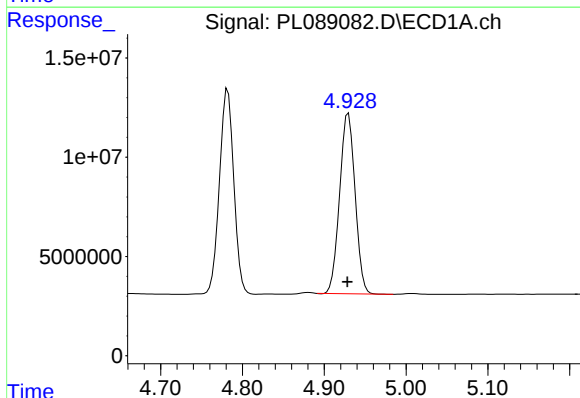
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



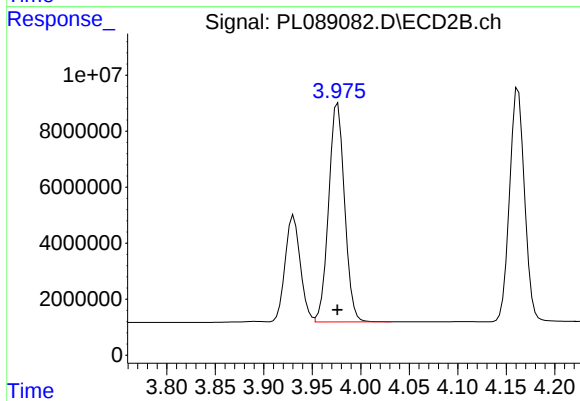
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 93547273
Conc: 48.63 ng/ml



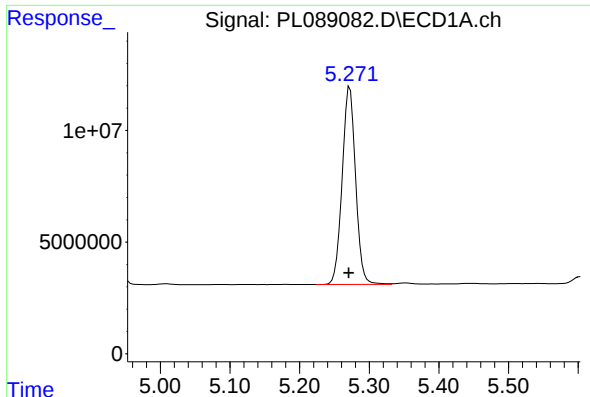
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.001 min
Response: 118968063
Conc: 47.81 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 89094226
Conc: 49.58 ng/ml



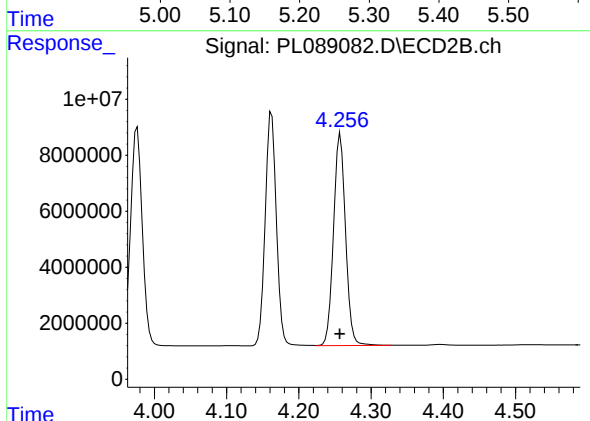
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.001 min
Response: 118633860
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

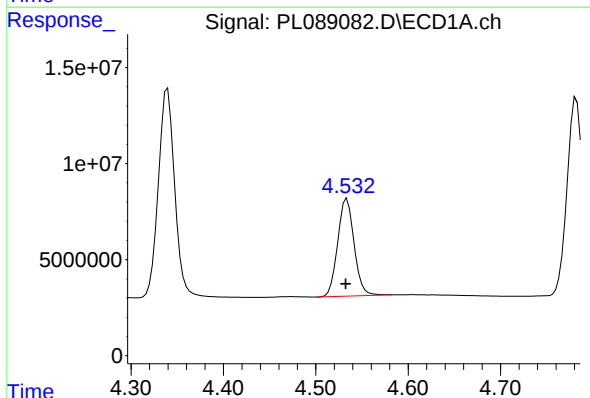
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



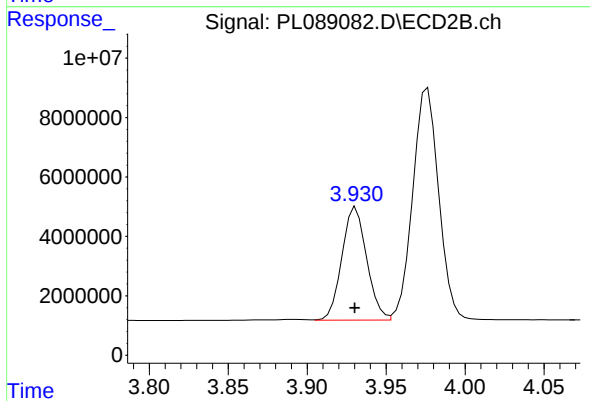
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 87820341
Conc: 47.87 ng/ml



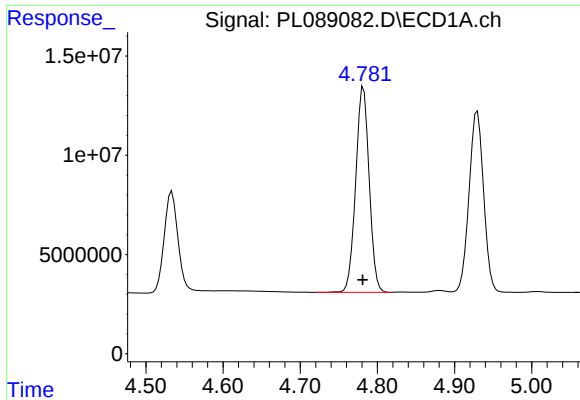
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.001 min
Response: 62715909
Conc: 46.74 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 41621429
Conc: 49.80 ng/ml



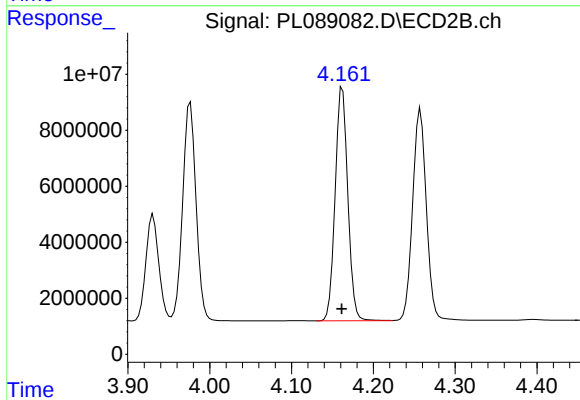
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 125826172
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

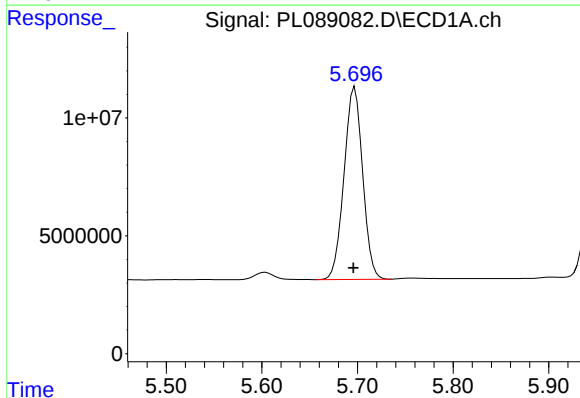
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



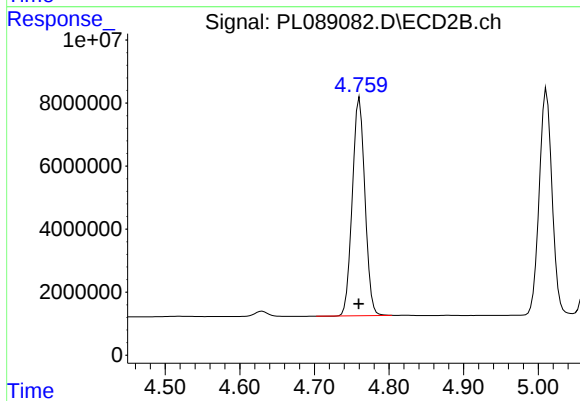
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 89802667
Conc: 49.19 ng/ml



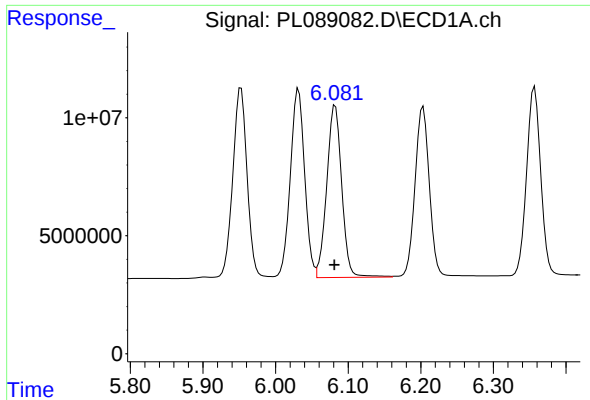
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.002 min
Response: 110740958
Conc: 46.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 81290986
Conc: 48.95 ng/ml



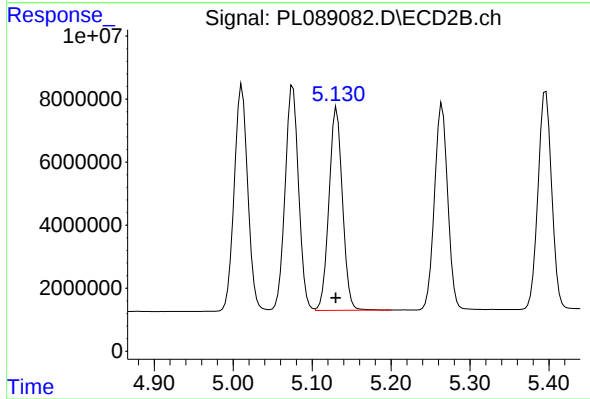
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 104963628
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

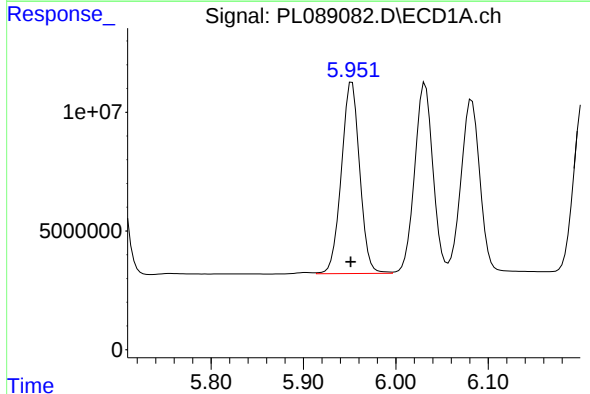
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



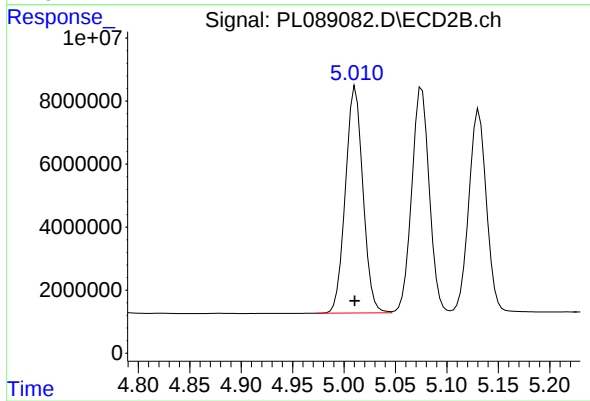
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 76749246
Conc: 51.07 ng/ml



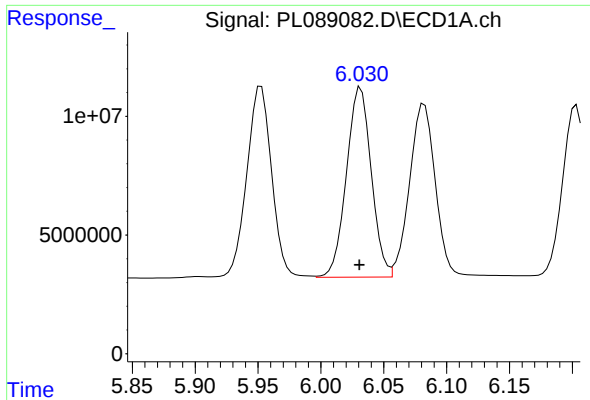
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 111117557
Conc: 48.34 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 85336399
Conc: 52.02 ng/ml



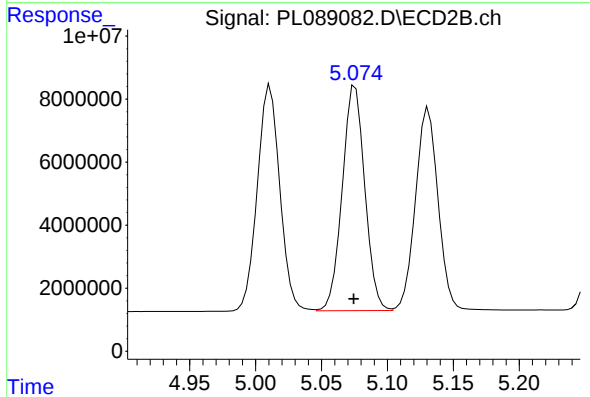
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.001 min
Response: 110023819
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

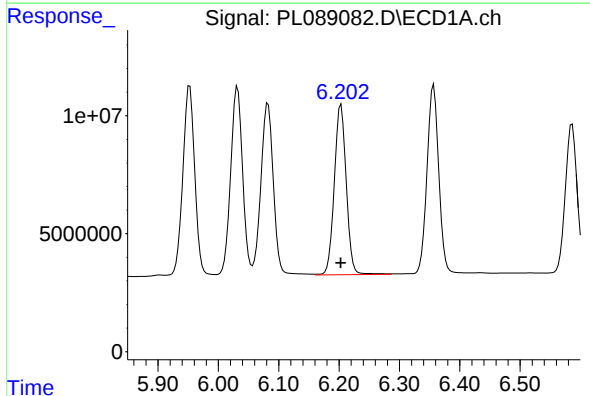
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



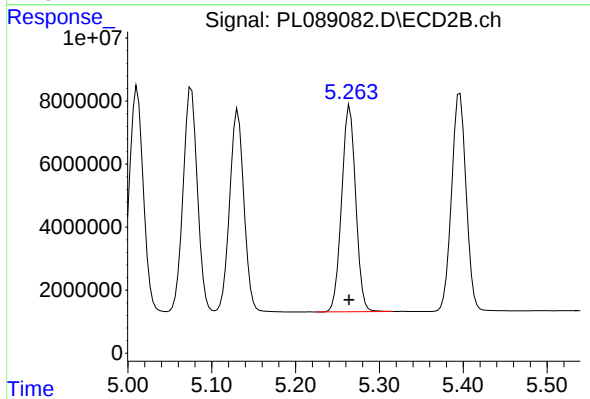
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: 0.001 min
Response: 84897472
Conc: 51.34 ng/ml



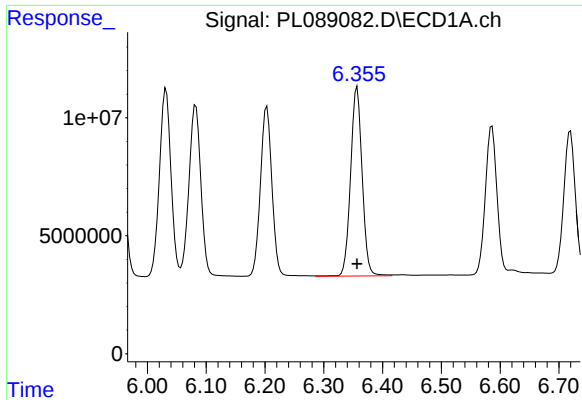
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 99384327
Conc: 49.45 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: 0.001 min
Response: 76234997
Conc: 51.84 ng/ml



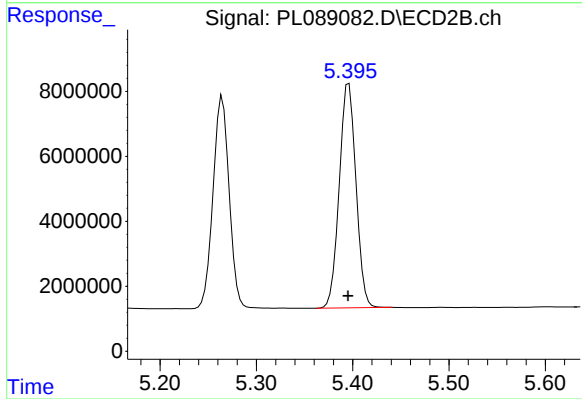
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 109379329
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

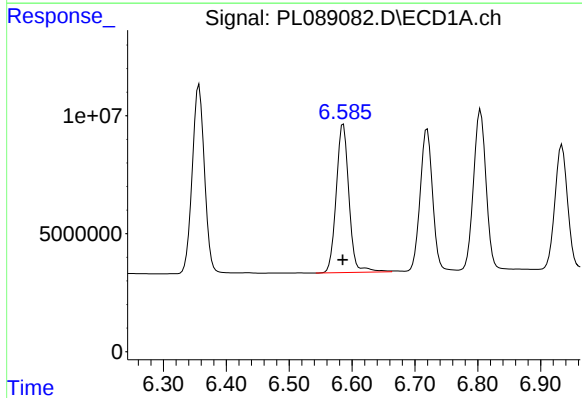
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



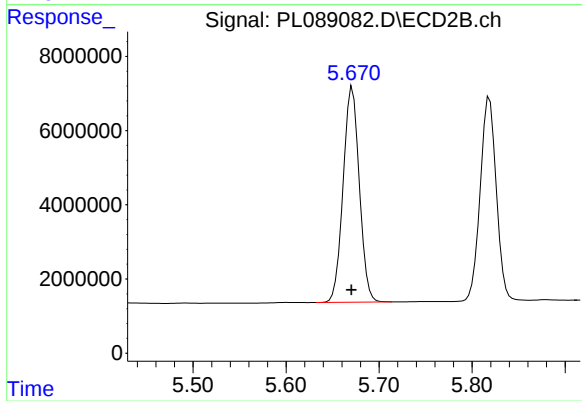
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.001 min
Response: 83156099
Conc: 50.87 ng/ml



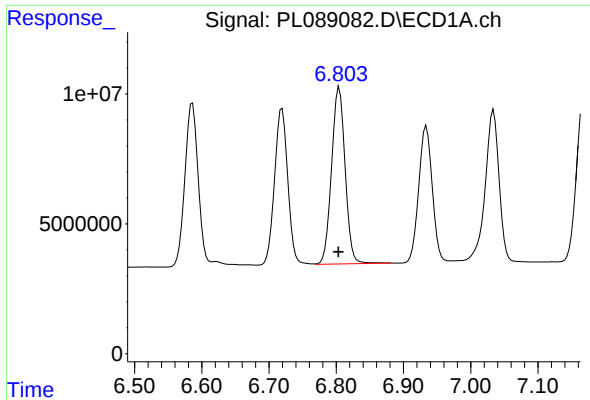
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 88763463
Conc: 47.23 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 70224427
Conc: 48.32 ng/ml



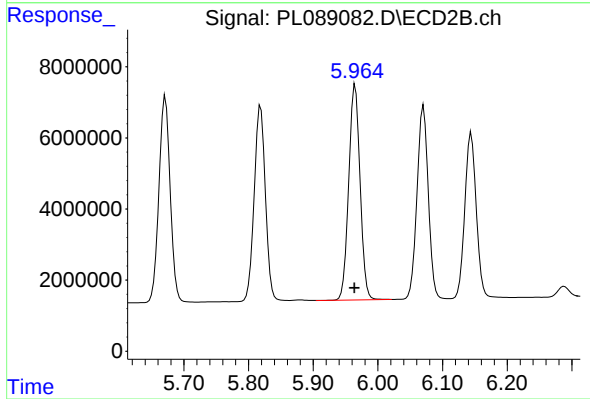
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.001 min
Response: 94593191
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

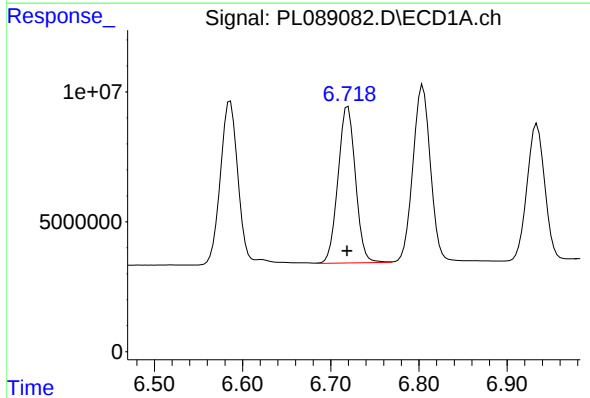
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



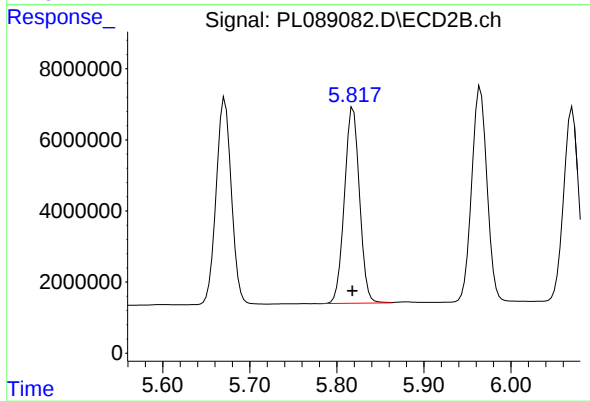
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.001 min
Response: 74154318
Conc: 51.87 ng/ml



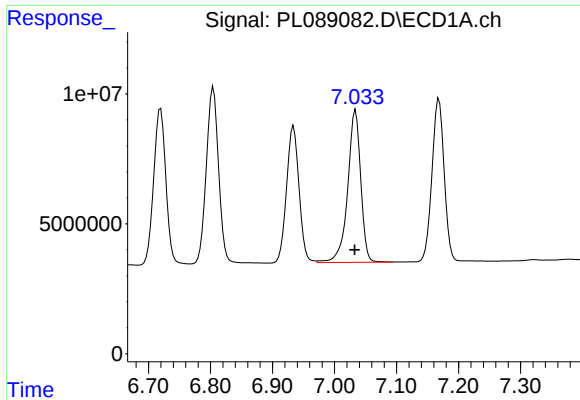
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.001 min
Response: 82679316
Conc: 51.29 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 66338379
Conc: 54.78 ng/ml



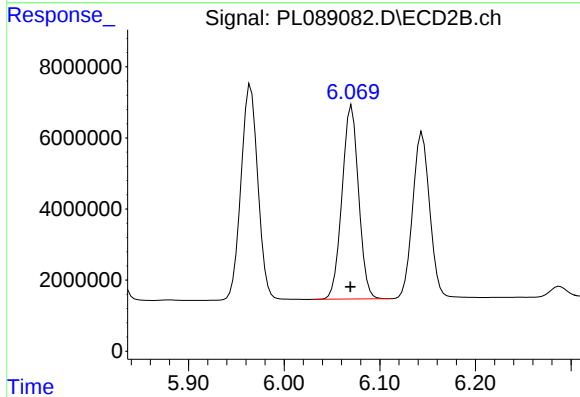
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.001 min
Response: 85443382
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

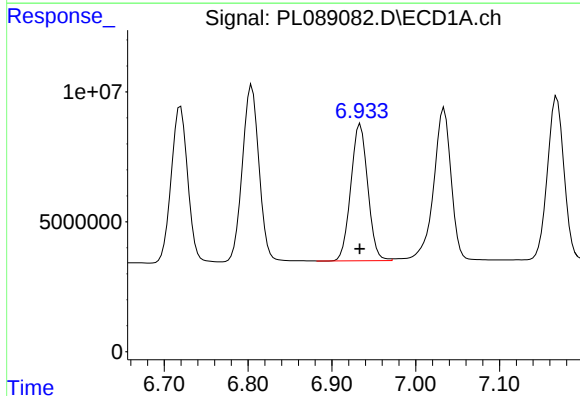
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



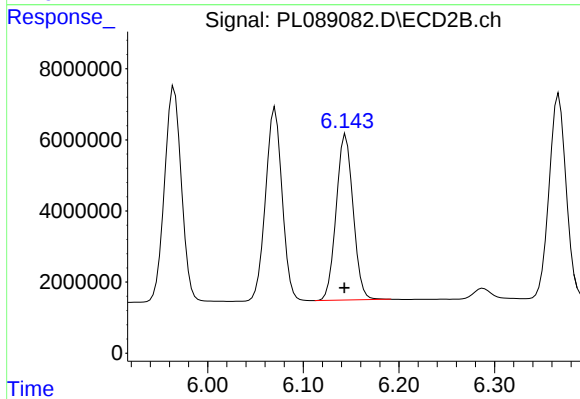
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.001 min
Response: 65694325
Conc: 50.12 ng/ml



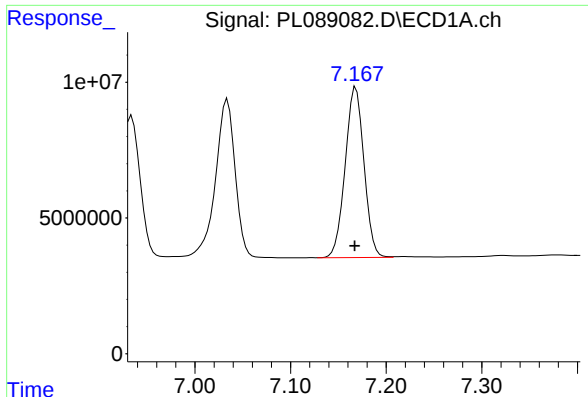
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 73955105
Conc: 50.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 57326418
Conc: 52.16 ng/ml



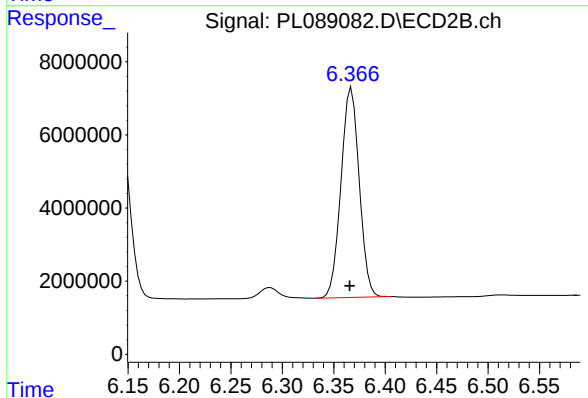
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.001 min
Response: 85892323
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

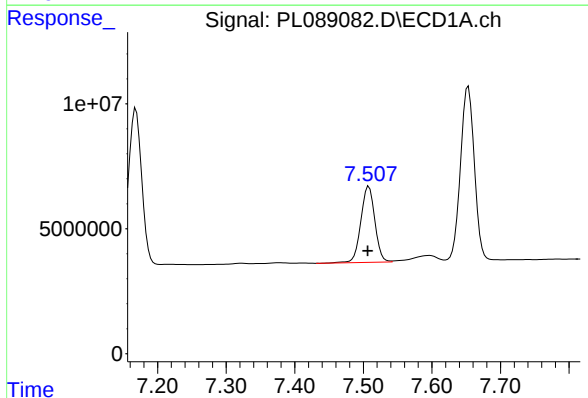
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



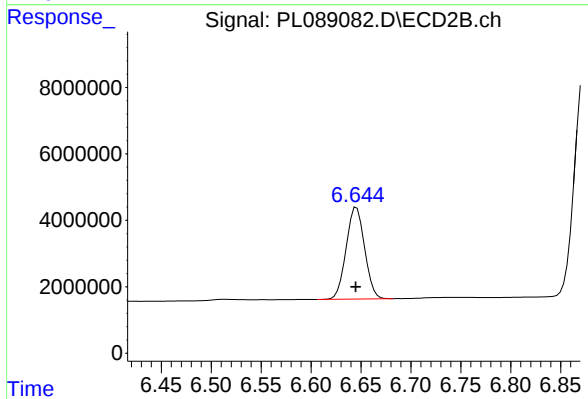
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.002 min
Response: 70718990
Conc: 52.32 ng/ml



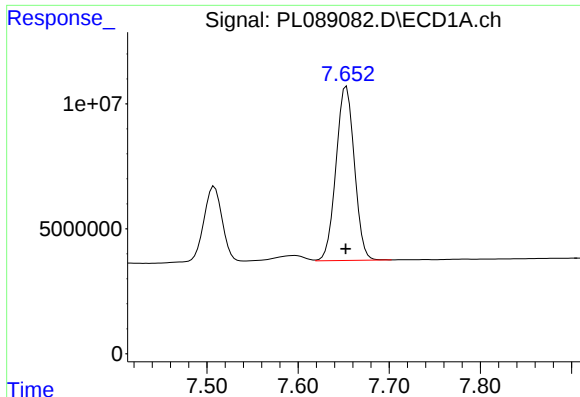
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.002 min
Response: 43054066
Conc: 48.86 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 35528801
Conc: 47.53 ng/ml



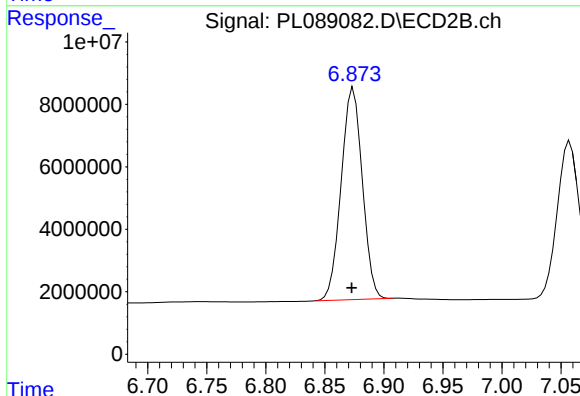
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 97839891
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

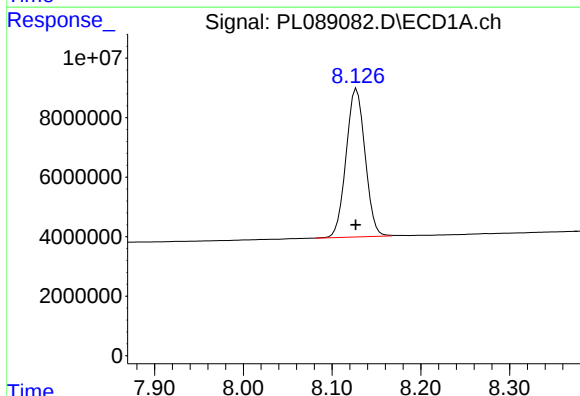
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



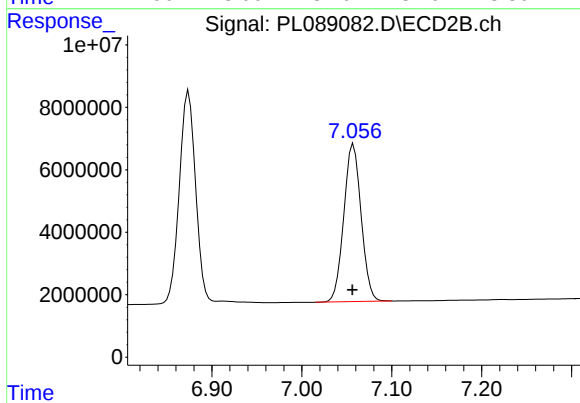
#21 Endrin ketone

R.T.: 6.874 min
Delta R.T.: 0.001 min
Response: 84556969
Conc: 53.42 ng/ml



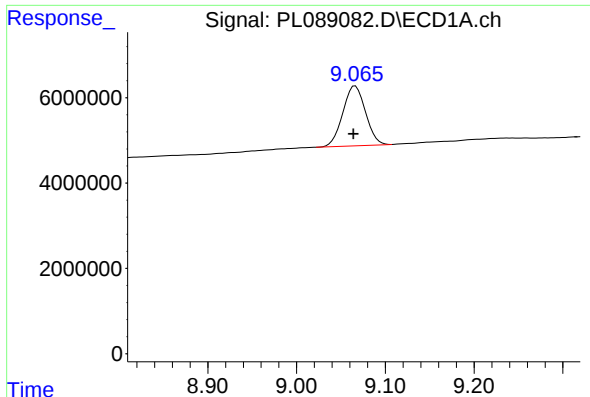
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 73973681
Conc: 50.37 ng/ml m



#22 Mirex

R.T.: 7.057 min
Delta R.T.: 0.001 min
Response: 67553871
Conc: 51.10 ng/ml



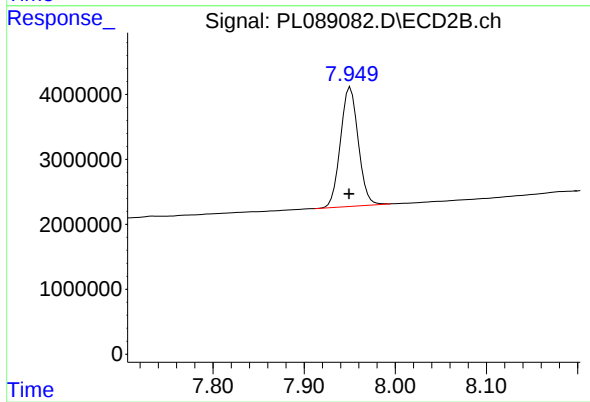
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 24938174
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160358BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.002 min
Response: 24882880
Conc: 18.58 ng/ml