

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 15:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 20:36:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.677	212.0E6	89292860	56.333	53.047
2)	SA Decachlor...	8.981	7.864	189.3E6	88394017	55.502	52.336m
Target Compounds							
2)	A alpha-BHC	3.879	3.179	313.8E6	135.7E6	57.959	55.232m
3)	MA gamma-BHC...	4.212	3.511	298.9E6	129.3E6	56.871	53.371
4)	MA Heptachlor	4.803	3.853	290.6E6	122.5E6	54.564m	51.260
5)	MB Aldrin	5.148	4.133	283.6E6	123.7E6	54.481	51.603
6)	B beta-BHC	4.411	3.812	126.3E6	53118657	54.973	51.027
7)	B delta-BHC	4.656	4.042	296.4E6	128.8E6	56.683m	52.661
8)	B Heptachlo...	5.578	4.641	251.6E6	109.7E6	53.394	49.308
9)	A Endosulfan I	5.964	5.012	243.7E6	105.2E6	54.555	48.686
10)	B gamma-Chl...	5.834	4.895	254.9E6	114.0E6	52.582m	49.831
11)	B alpha-Chl...	5.915	4.959	258.5E6	114.5E6	53.776m	49.601
12)	B 4,4'-DDE	6.098	5.156	220.2E6	99716057	53.144	50.222m
13)	MA Dieldrin	6.242	5.280	242.4E6	108.5E6	52.227	48.707
14)	MA Endrin	6.472	5.556	202.3E6	102.6E6	52.589	51.393
15)	B Endosulfa...	6.694	5.854	204.7E6	91545855	51.052	47.019
16)	A 4,4'-DDD	6.618	5.716	185.9E6	85835212	56.261	51.841
17)	MA 4,4'-DDT	6.936	5.968	193.3E6	87658319	51.394	47.529
18)	B Endrin al...	6.826	6.035	150.1E6	69851415	51.797	47.595
19)	B Endosulfa...	7.063	6.261	200.7E6	91691559	51.121	48.673
20)	A Methoxychlor	7.421	6.555	98741170	47934177	50.638	46.930
21)	B Endrin ke...	7.547	6.765	214.4E6	104.4E6	52.707m	49.064m
22)	Mirex	8.027	6.947	167.3E6	84519761	49.671	47.506

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
Data File : PL087522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2023 15:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

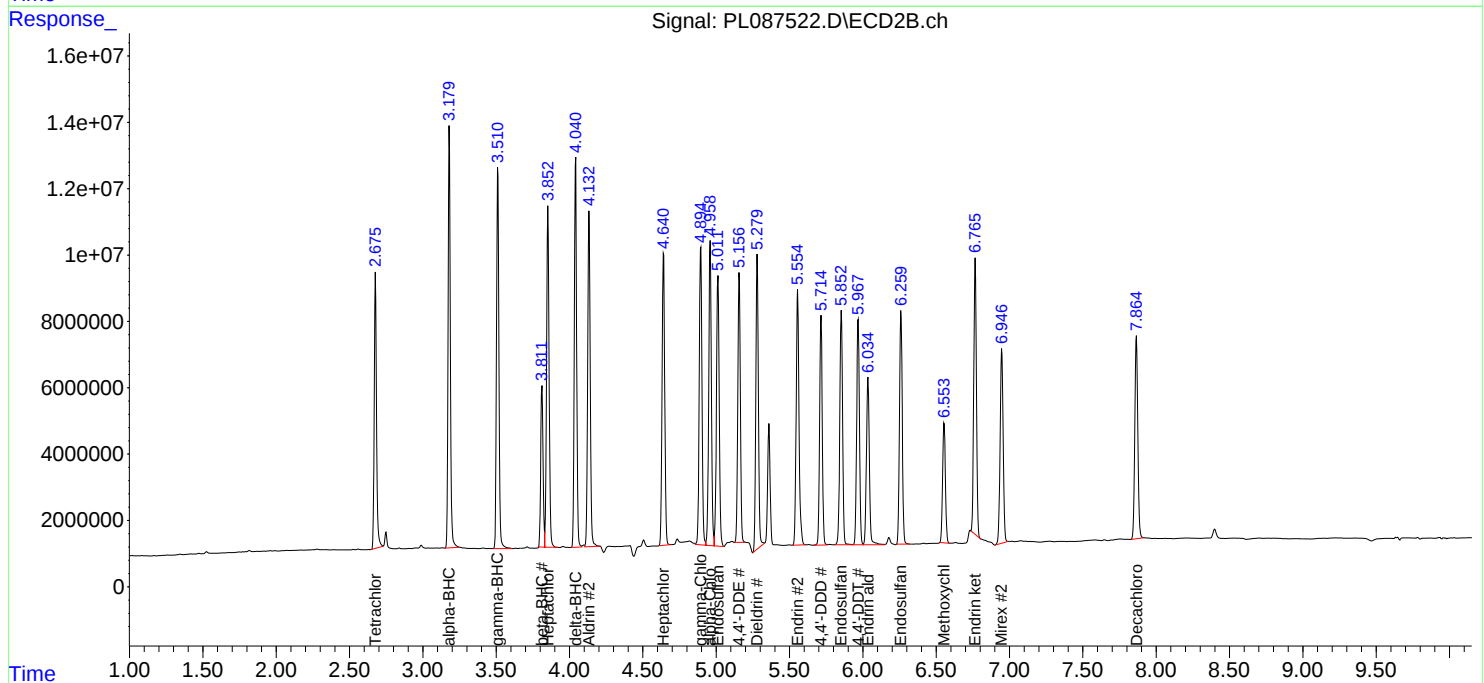
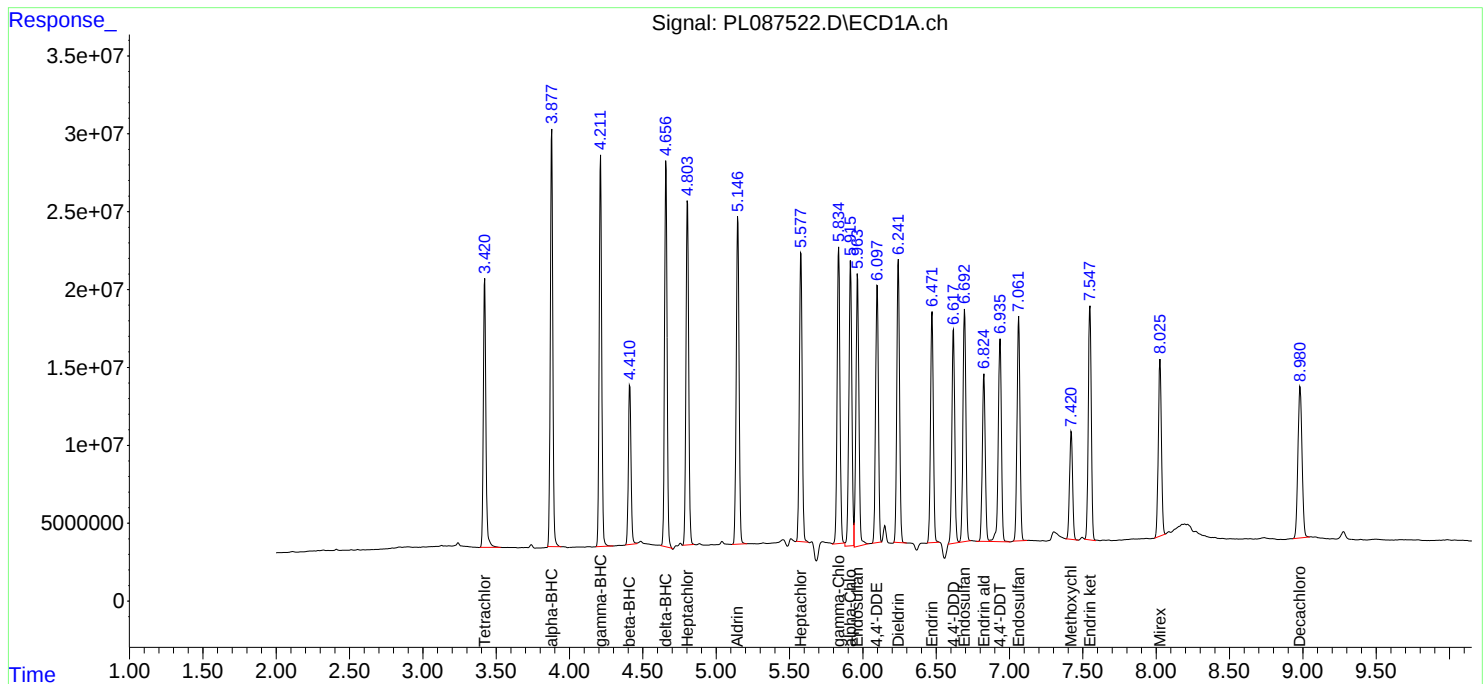
APPROVED

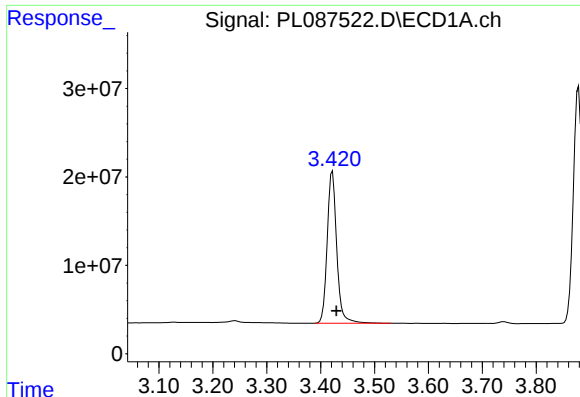
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 20:36:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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.: 3.422 min
Delta R.T.: -0.007 min
Response: 212004023
Conc: 56.33 ng/ml

Instrument :

ECD_L

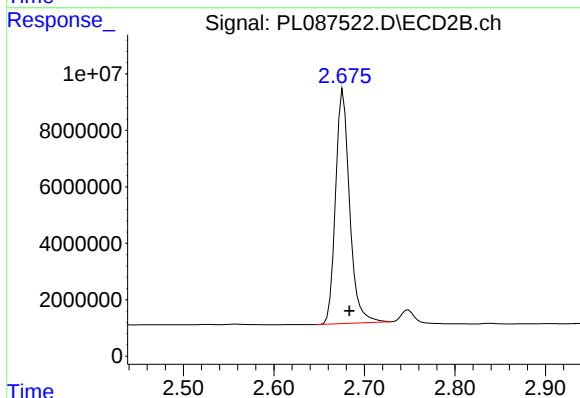
ClientSampleId :

PSTDCCC050

Manual Integrations

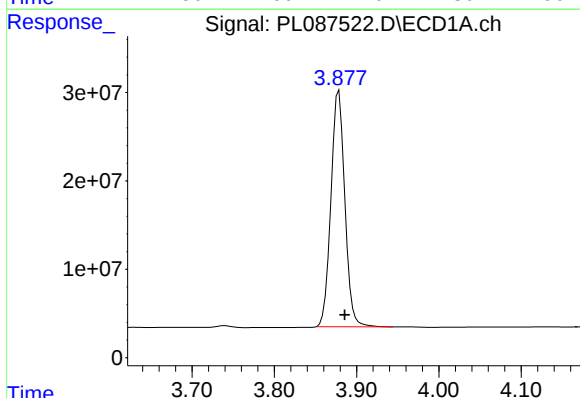
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



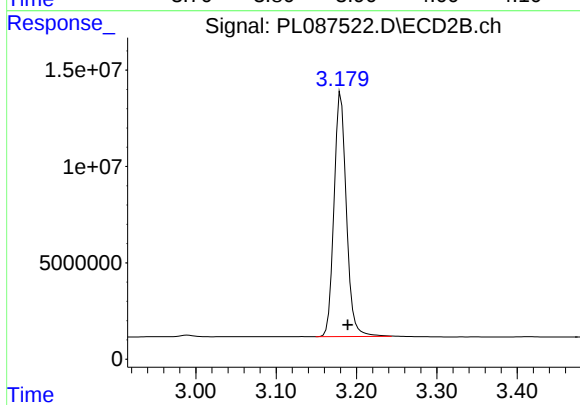
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.007 min
Response: 89292860
Conc: 53.05 ng/ml



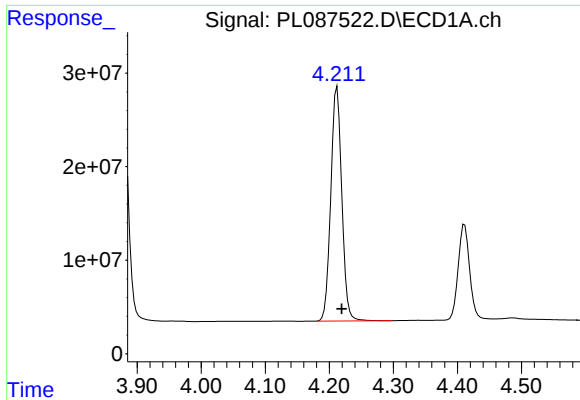
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 313799469
Conc: 57.96 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: -0.010 min
Response: 135738572
Conc: 55.23 ng/ml m



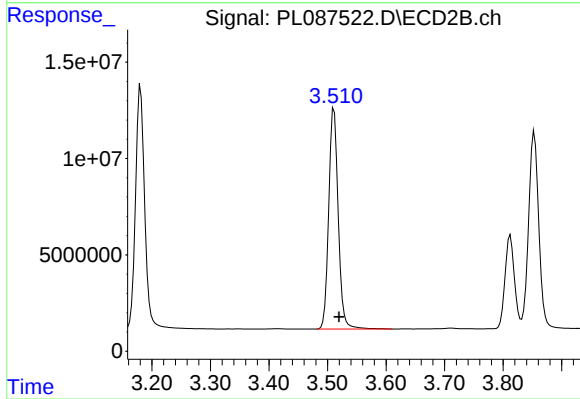
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 298896712
Conc: 56.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

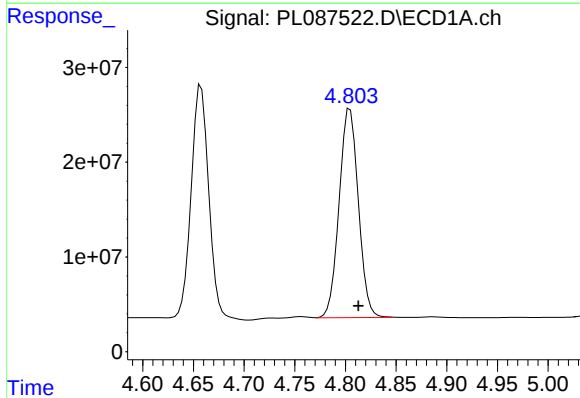
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



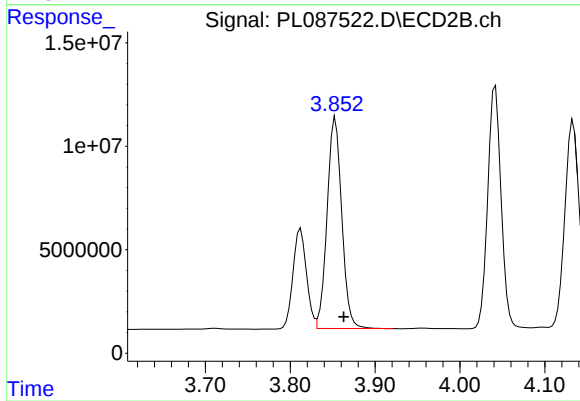
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 129284976
Conc: 53.37 ng/ml



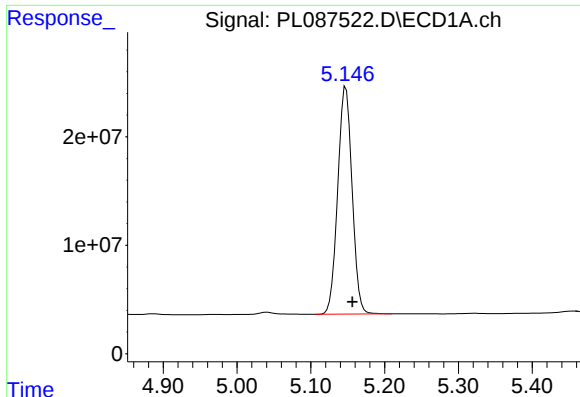
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 290638612
Conc: 54.56 ng/ml m



#4 Heptachlor

R.T.: 3.853 min
Delta R.T.: -0.010 min
Response: 122525331
Conc: 51.26 ng/ml



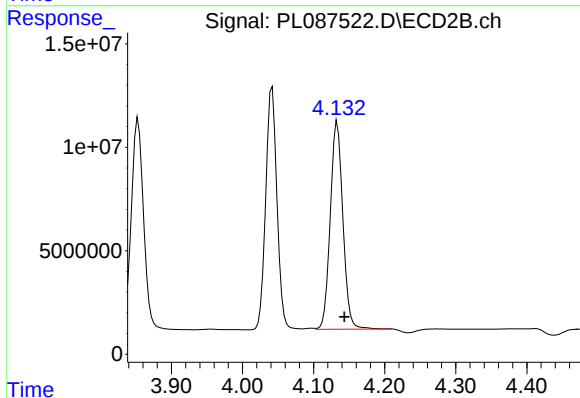
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.009 min
Response: 283647633
Conc: 54.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

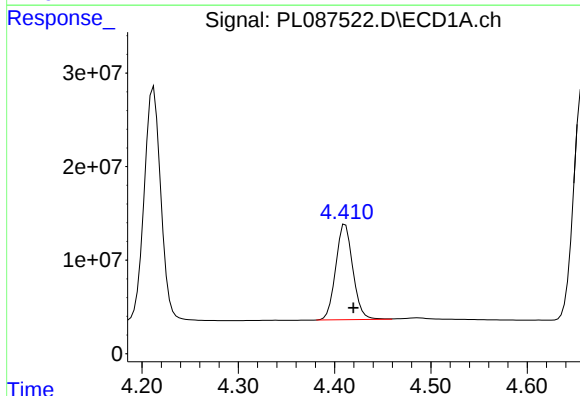
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



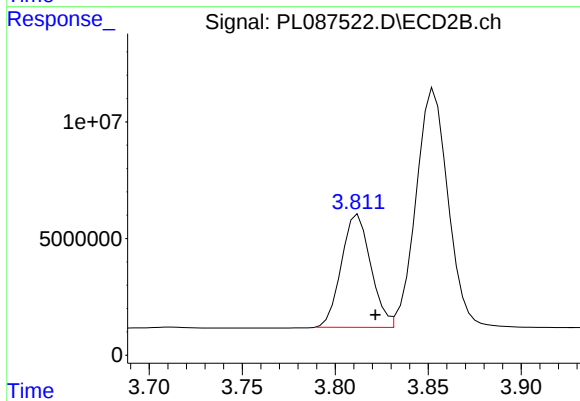
#5 Aldrin

R.T.: 4.133 min
Delta R.T.: -0.010 min
Response: 123732419
Conc: 51.60 ng/ml



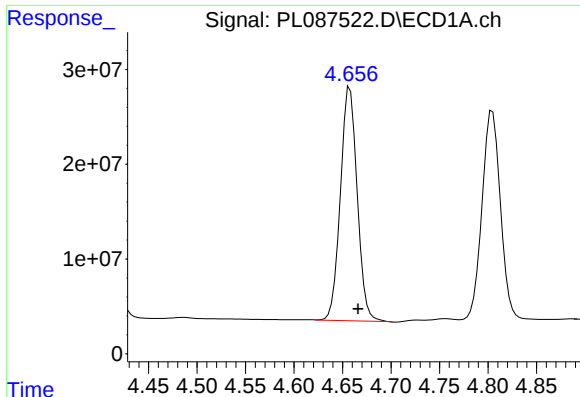
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 126261428
Conc: 54.97 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.009 min
Response: 53118657
Conc: 51.03 ng/ml



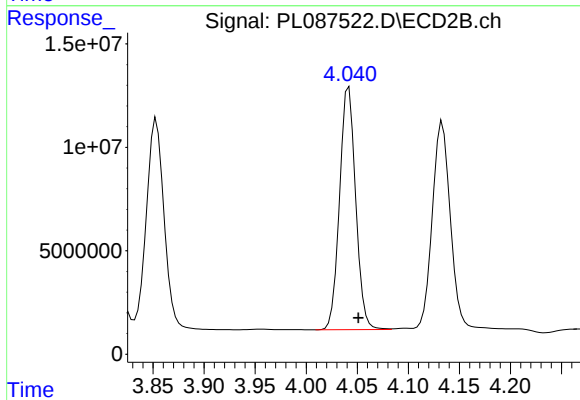
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 296417792
Conc: 56.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

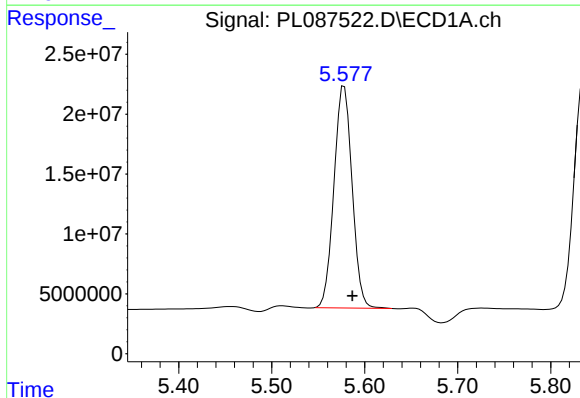
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



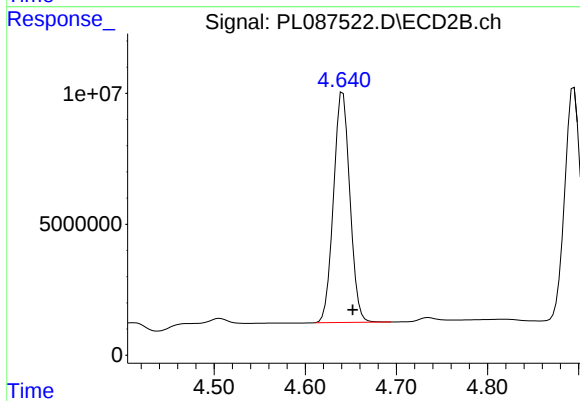
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 128820437
Conc: 52.66 ng/ml



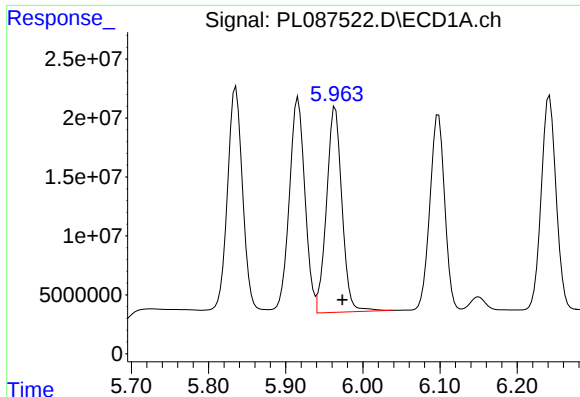
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 251636874
Conc: 53.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 109724626
Conc: 49.31 ng/ml



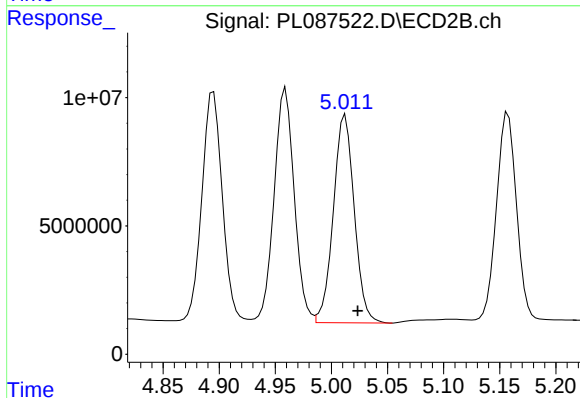
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 243658117
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

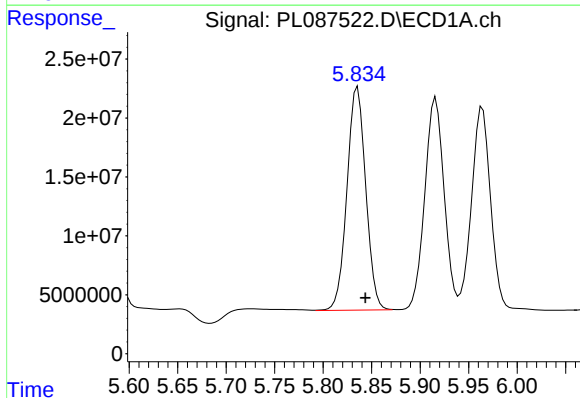
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



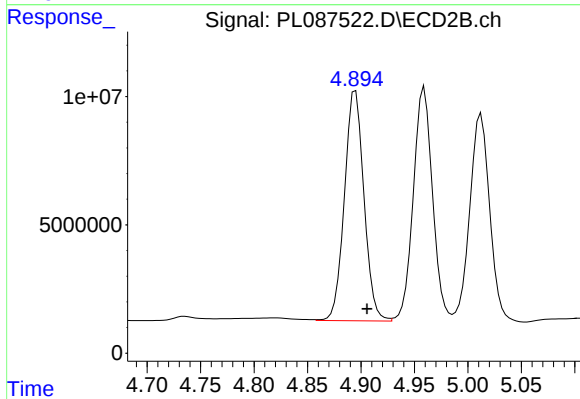
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 105219700
Conc: 48.69 ng/ml



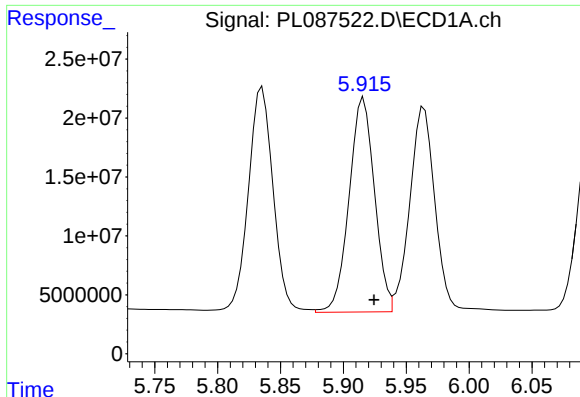
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 254917147
Conc: 52.58 ng/ml m



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 113979843
Conc: 49.83 ng/ml



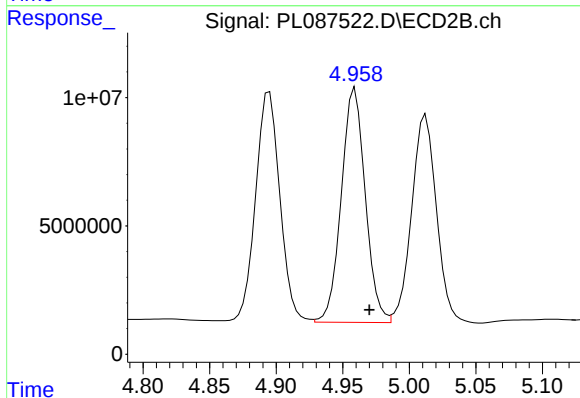
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 258455972
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

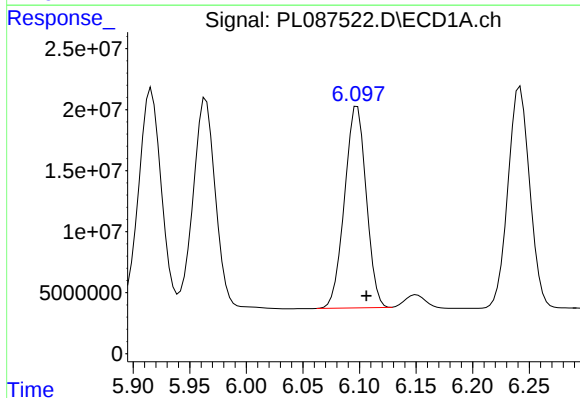
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



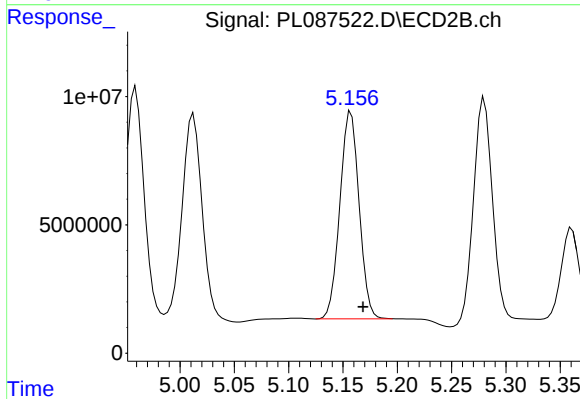
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 114481178
Conc: 49.60 ng/ml



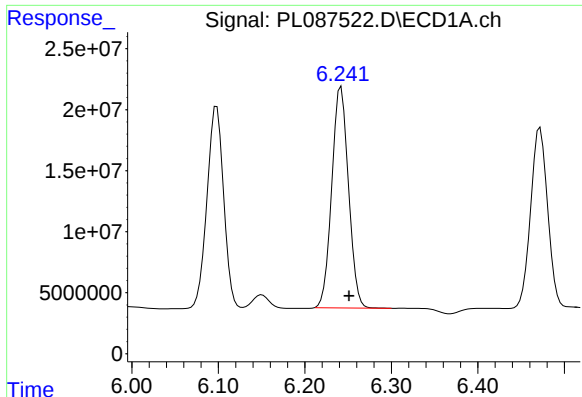
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 220231030
Conc: 53.14 ng/ml



#12 4,4'-DDE

R.T.: 5.156 min
Delta R.T.: -0.013 min
Response: 99716057
Conc: 50.22 ng/ml m



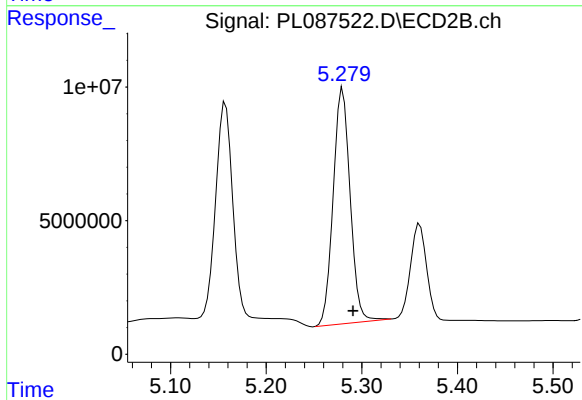
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 242379592
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

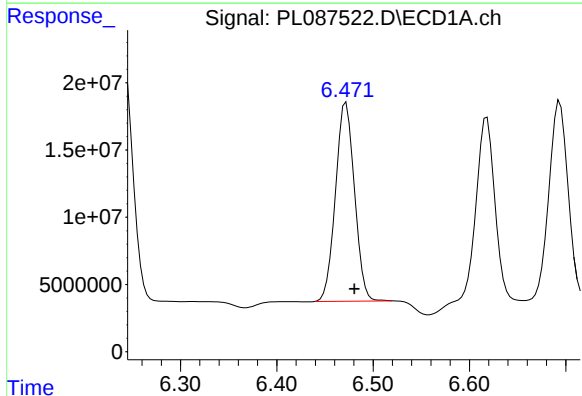
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



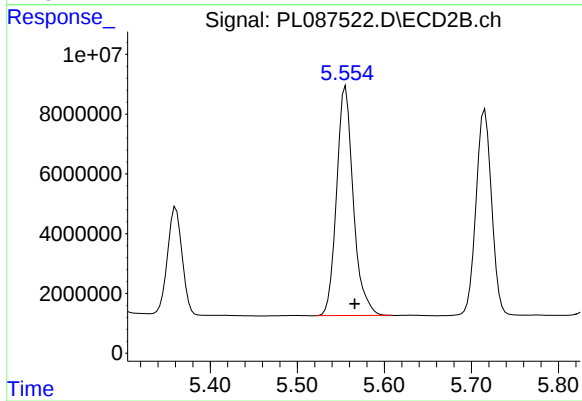
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 108507665
Conc: 48.71 ng/ml



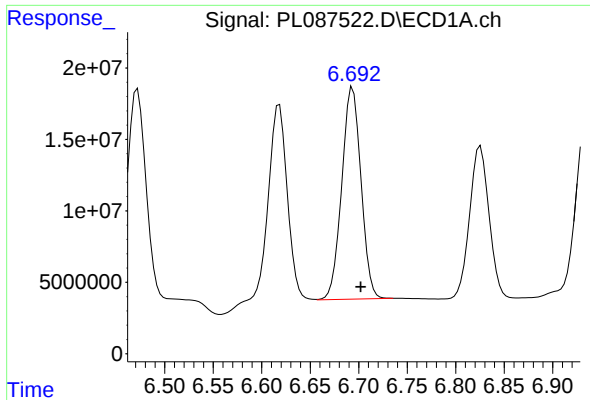
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 202327943
Conc: 52.59 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.011 min
Response: 102562440
Conc: 51.39 ng/ml



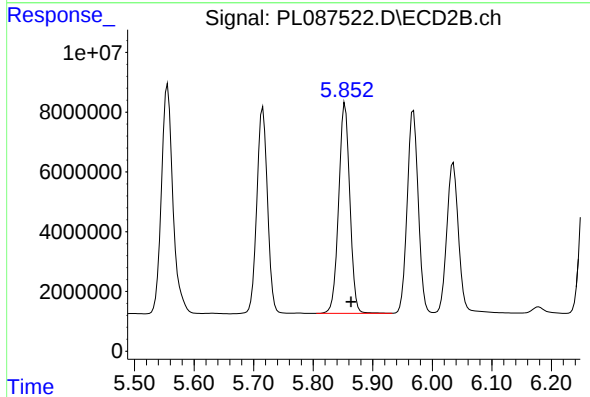
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 204738112
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

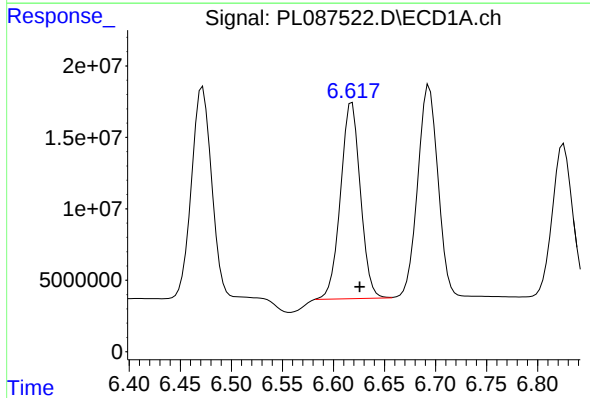
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



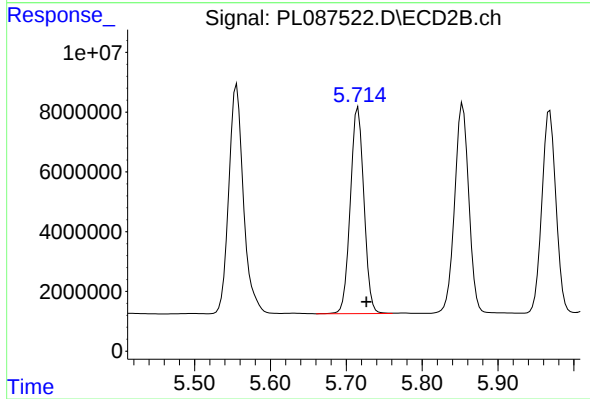
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 91545855
Conc: 47.02 ng/ml



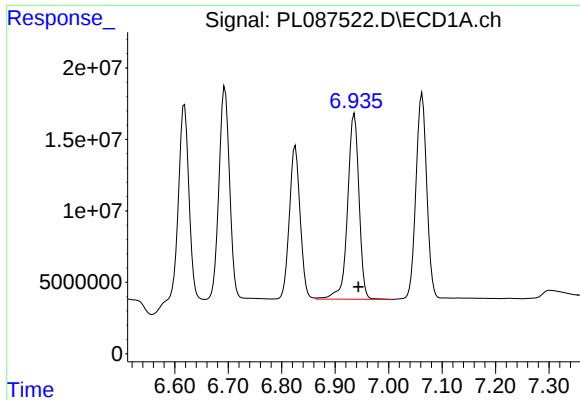
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 185948501
Conc: 56.26 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 85835212
Conc: 51.84 ng/ml



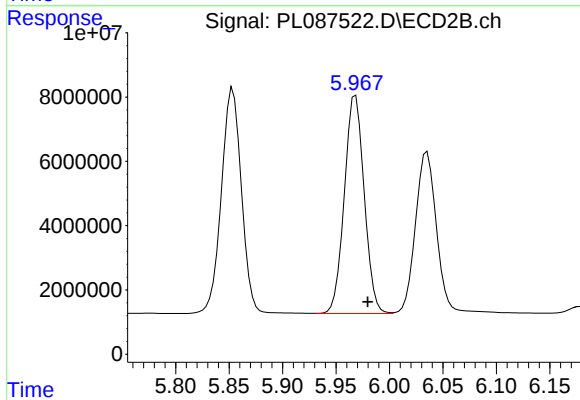
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.008 min
Response: 193252480
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

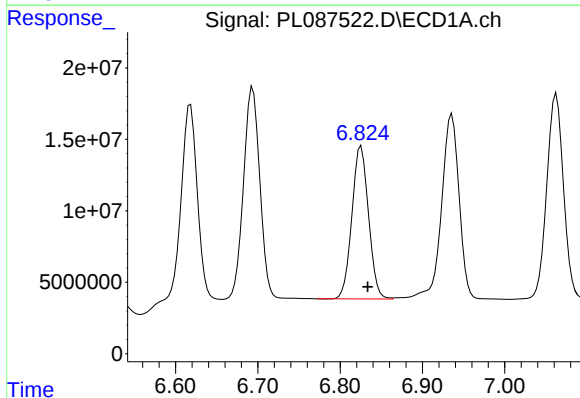
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



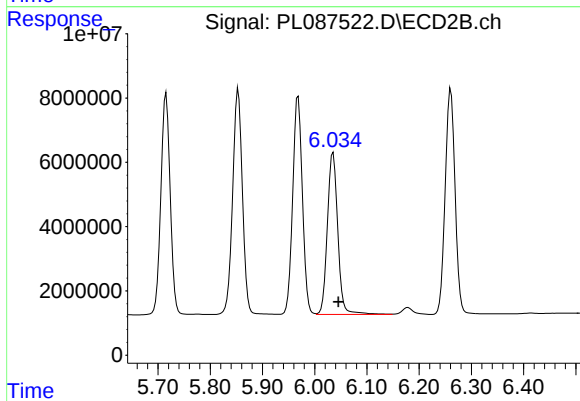
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.011 min
Response: 87658319
Conc: 47.53 ng/ml



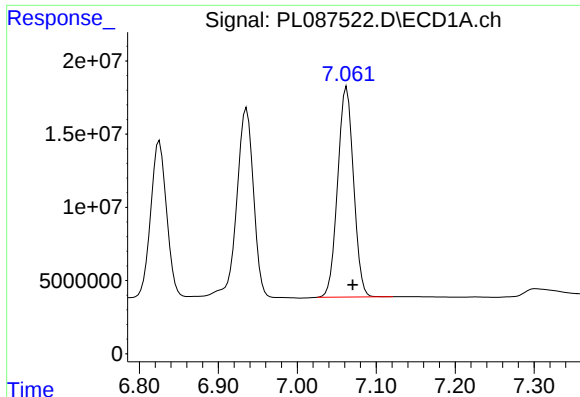
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 150126997
Conc: 51.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.010 min
Response: 69851415
Conc: 47.60 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 200744744
Conc: 51.12 ng/ml

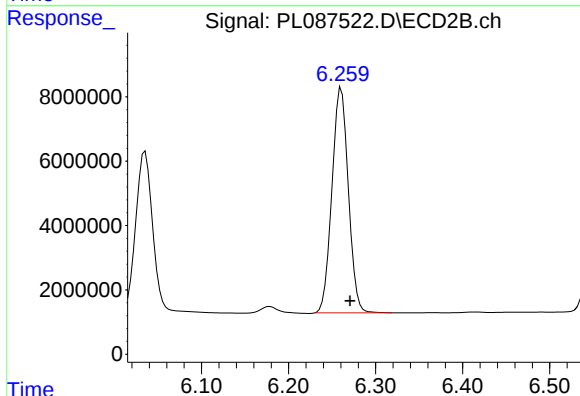
Instrument :

ECD_L

ClientSampleId :
PSTDCCC050

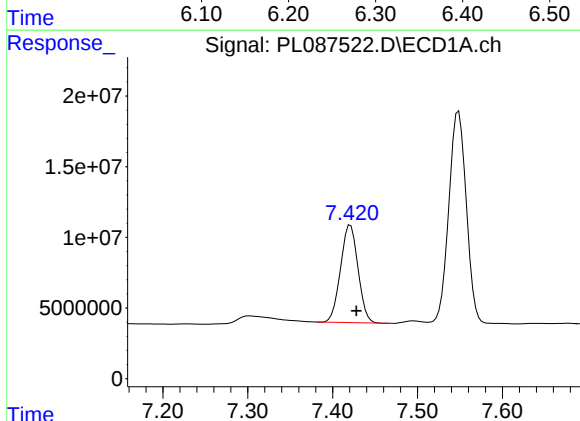
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



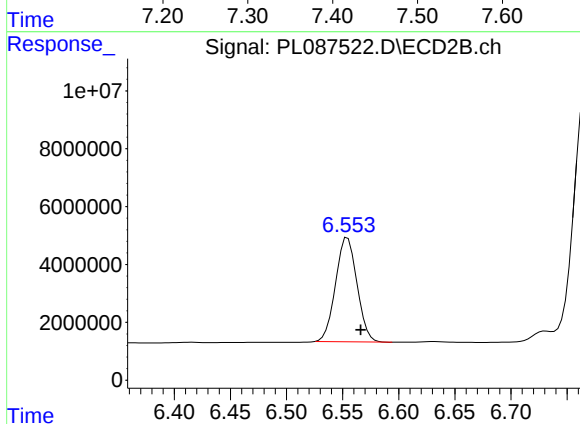
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 91691559
Conc: 48.67 ng/ml



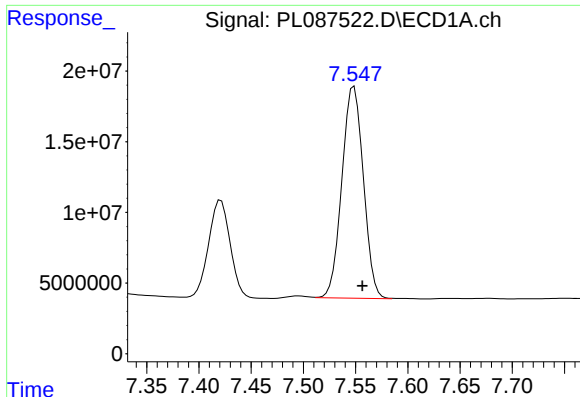
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 98741170
Conc: 50.64 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.012 min
Response: 47934177
Conc: 46.93 ng/ml



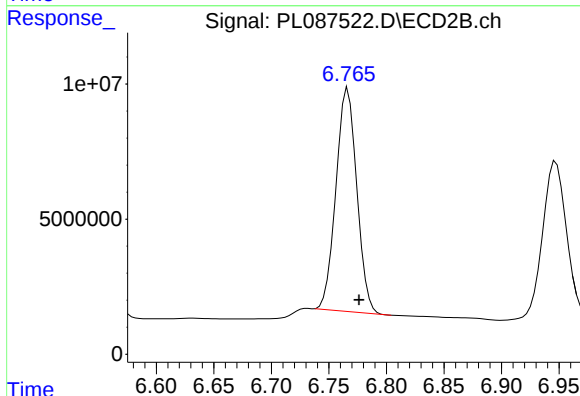
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 214425312
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

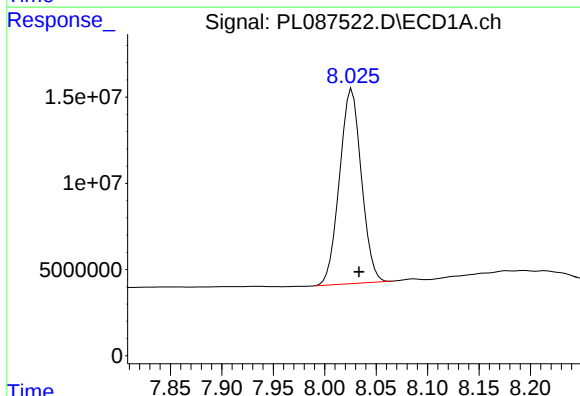
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



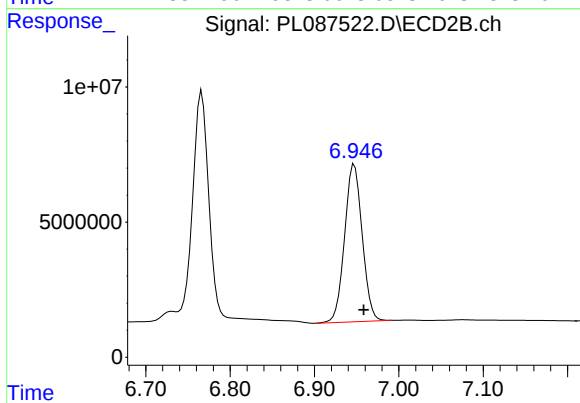
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 104442590
Conc: 49.06 ng/ml m



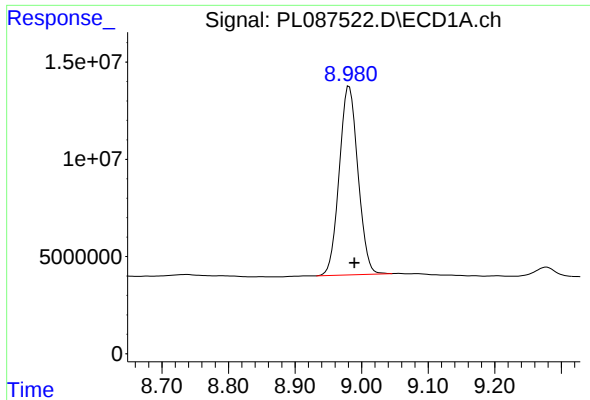
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.007 min
Response: 167293948
Conc: 49.67 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.011 min
Response: 84519761
Conc: 47.51 ng/ml



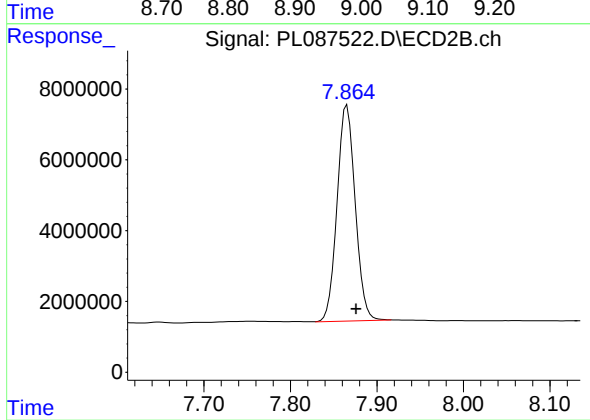
#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: -0.008 min
Response: 189257363
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 88394017
Conc: 52.34 ng/ml m