

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 17:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:31:39 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...	3.425	2.680	268.4E6	111.9E6	71.324	66.449
28)	SA Decachlor...	8.985	7.874	258.7E6	123.4E6	75.870	73.084
Target Compounds							
2)	A alpha-BHC	3.882	3.186	410.0E6	174.2E6	75.735	70.882
3)	MA gamma-BHC...	4.216	3.517	394.6E6	171.2E6	75.086	70.661
4)	MA Heptachlor	4.809	3.860	387.7E6	166.3E6	72.777	69.585
5)	MB Aldrin	5.152	4.141	385.1E6	170.1E6	73.966	70.958
6)	B beta-BHC	4.416	3.819	163.1E6	71267301	71.033	68.461
7)	B delta-BHC	4.661	4.048	403.7E6	179.0E6	77.197m	73.157
8)	B Heptachlo...	5.583	4.649	348.1E6	154.6E6	73.853	69.492
9)	A Endosulfan I	5.970	5.020	331.0E6	147.7E6	74.108	68.336
10)	B gamma-Chl...	5.841	4.903	358.3E6	161.9E6	73.907	70.799
11)	B alpha-Chl...	5.921	4.966	353.6E6	160.9E6	73.567	69.715
12)	B 4,4'-DDE	6.102	5.165	315.8E6	148.5E6	76.212	74.789
13)	MA Dieldrin	6.248	5.288	344.6E6	159.2E6	74.260	71.460
14)	MA Endrin	6.477	5.563	280.5E6	145.3E6	72.901	72.812
15)	B Endosulfa...	6.699	5.861	277.8E6	137.9E6	69.276	70.822
16)	A 4,4'-DDD	6.623	5.724	254.3E6	128.3E6	76.952	77.487
17)	MA 4,4'-DDT	6.939	5.977	264.5E6	136.5E6	70.349	74.000
18)	B Endrin al...	6.831	6.043	196.9E6	101.2E6	67.938	68.945
19)	B Endosulfa...	7.067	6.268	279.0E6	136.9E6	71.054	72.670
20)	A Methoxychlor	7.425	6.563	140.9E6	72623335	72.278	71.102
21)	B Endrin ke...	7.553	6.774	306.7E6	157.0E6	75.388	73.736
22)	Mirex	8.030	6.956	241.8E6	123.3E6	71.785	69.329

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
Data File : PL087226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2023 17:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

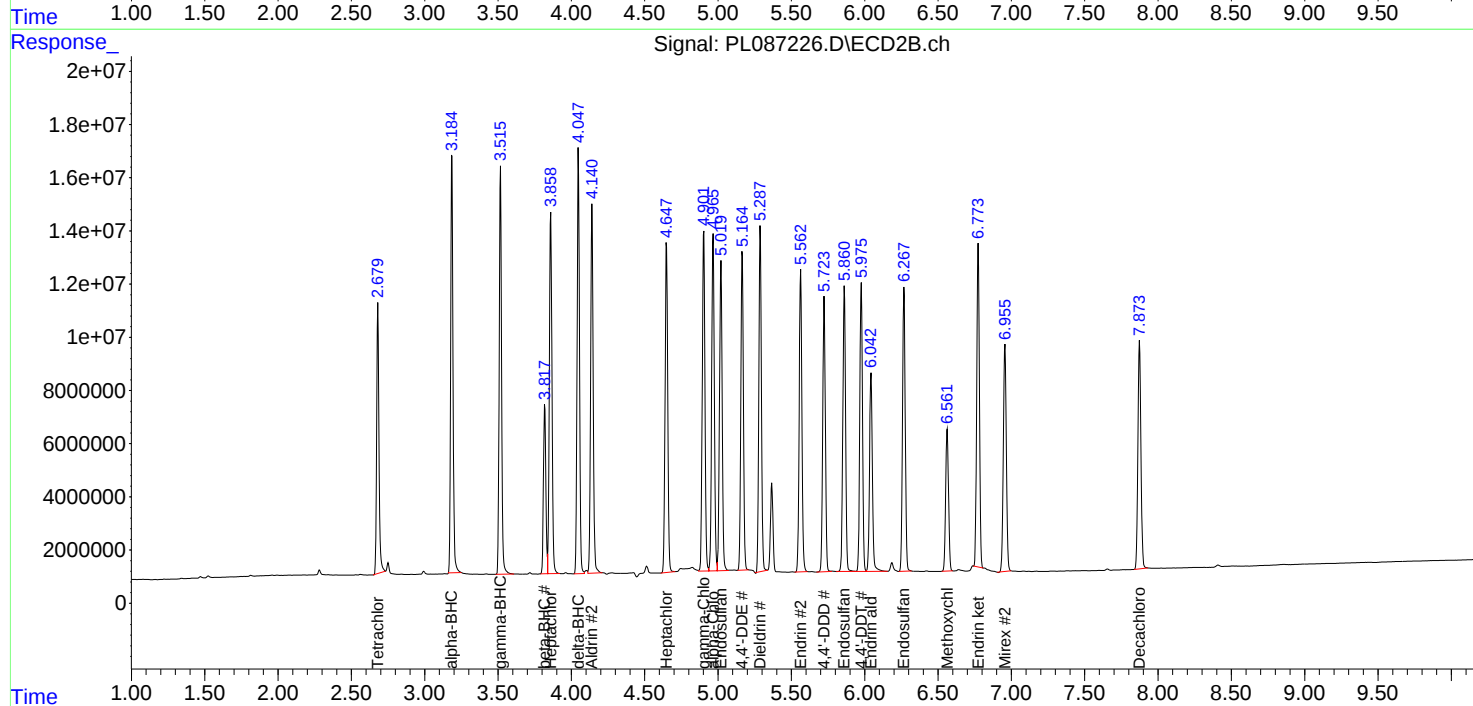
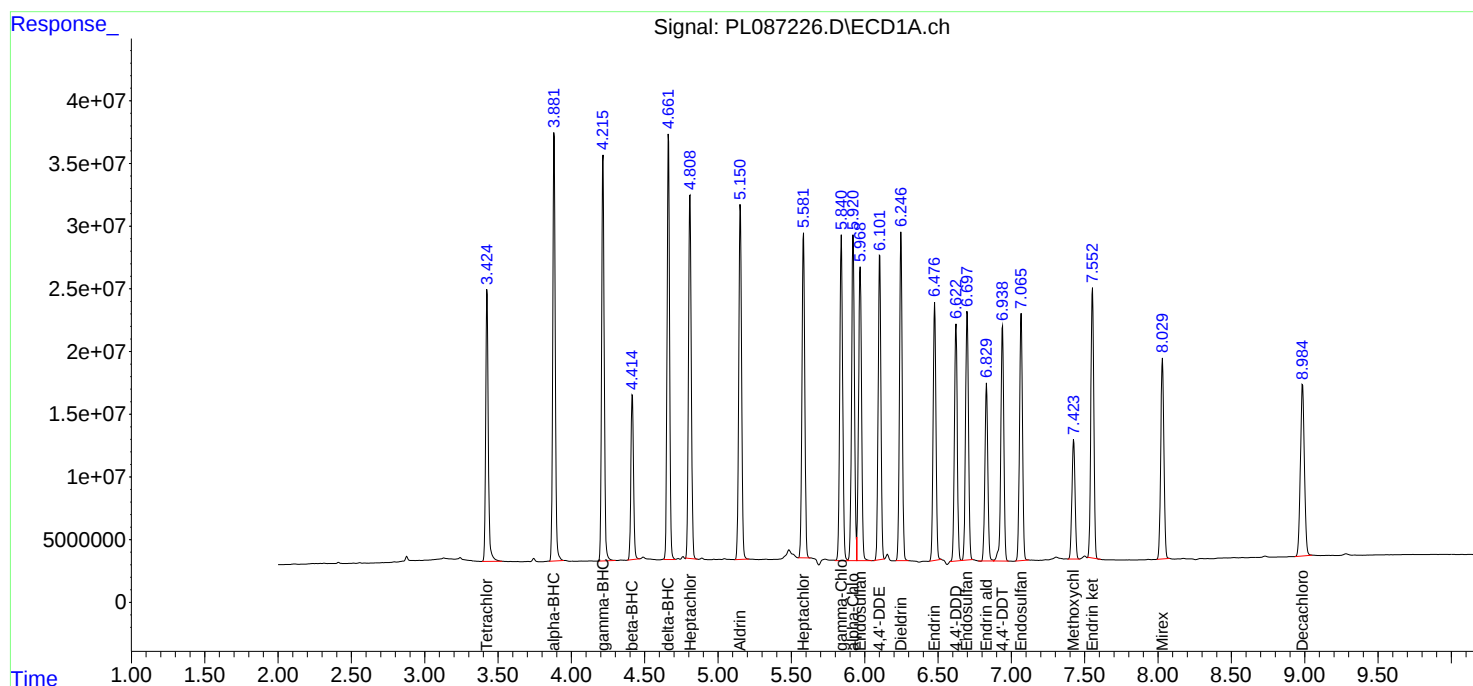
APPROVED

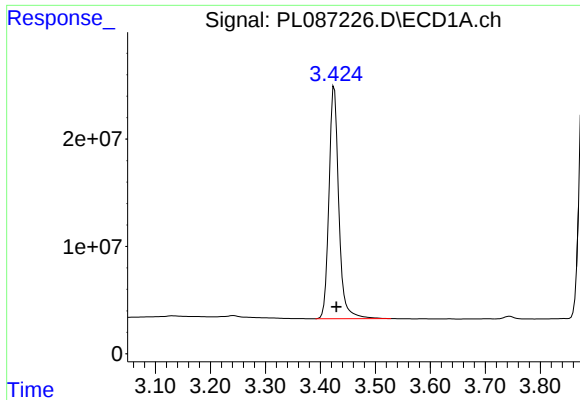
Reviewed By :Abdul Mirza 12/18/2023

Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 00:31:39 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





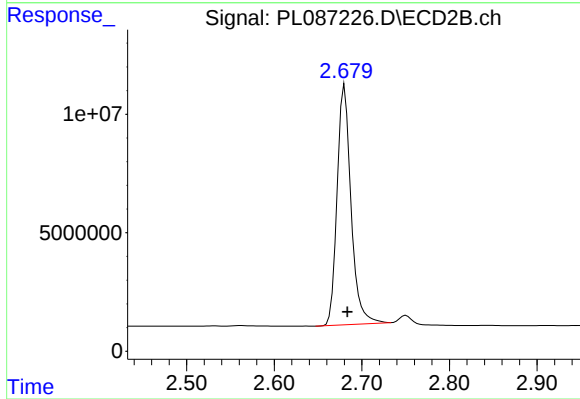
#1 Tetrachloro-m-xylene

R.T.: 3.425 min
Delta R.T.: -0.004 min
Response: 268424088
Conc: 71.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

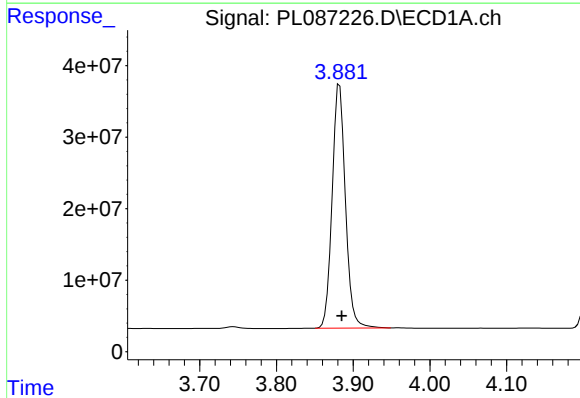
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



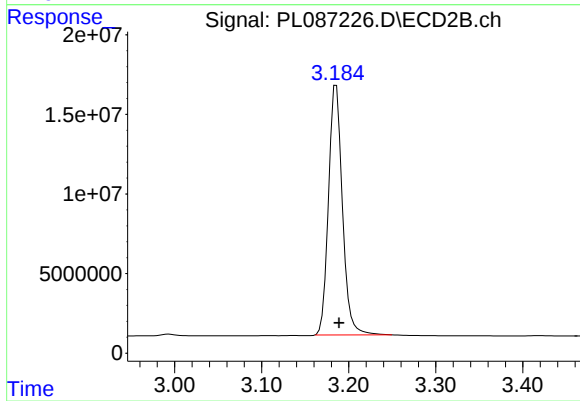
#1 Tetrachloro-m-xylene

R.T.: 2.680 min
Delta R.T.: -0.003 min
Response: 111852801
Conc: 66.45 ng/ml



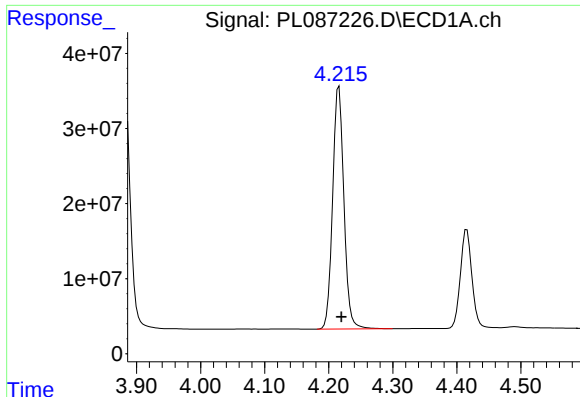
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.003 min
Response: 410041196
Conc: 75.74 ng/ml



#2 alpha-BHC

R.T.: 3.186 min
Delta R.T.: -0.003 min
Response: 174199790
Conc: 70.88 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.004 min
Response: 394630036
Conc: 75.09 ng/ml

Instrument :

ECD_L

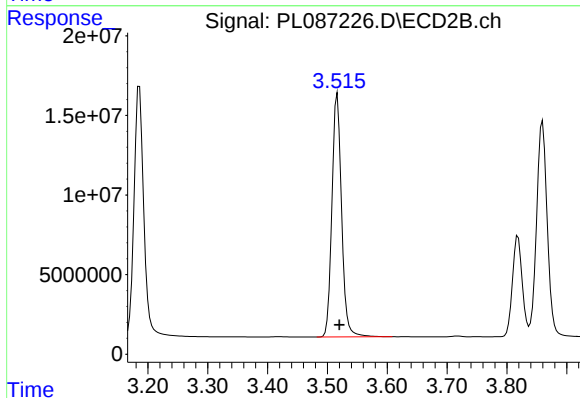
ClientSampleId :

PSTDCCC050

Manual Integrations

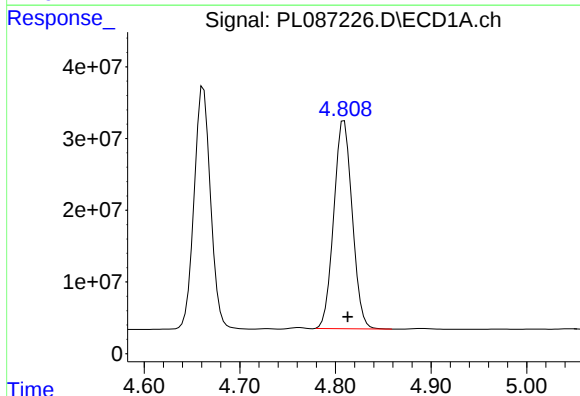
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



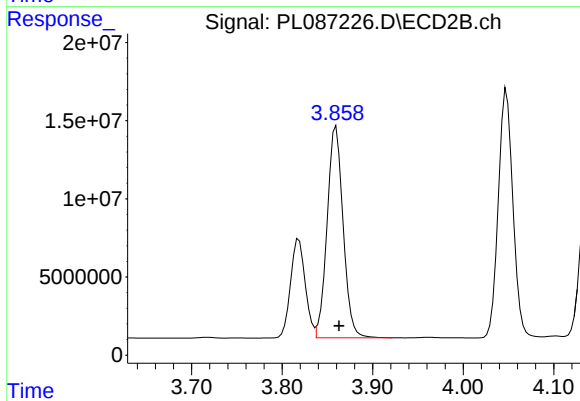
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 171168504
Conc: 70.66 ng/ml



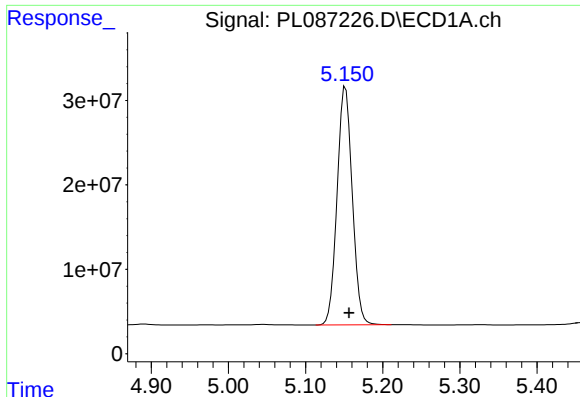
#4 Heptachlor

R.T.: 4.809 min
Delta R.T.: -0.004 min
Response: 387653689
Conc: 72.78 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 166329376
Conc: 69.59 ng/ml



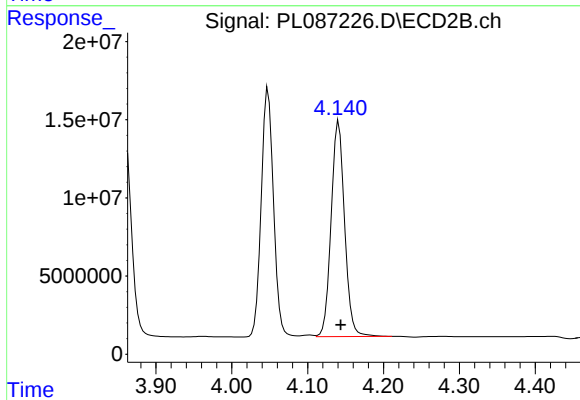
#5 Aldrin

R.T.: 5.152 min
Delta R.T.: -0.004 min
Response: 385097693
Conc: 73.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

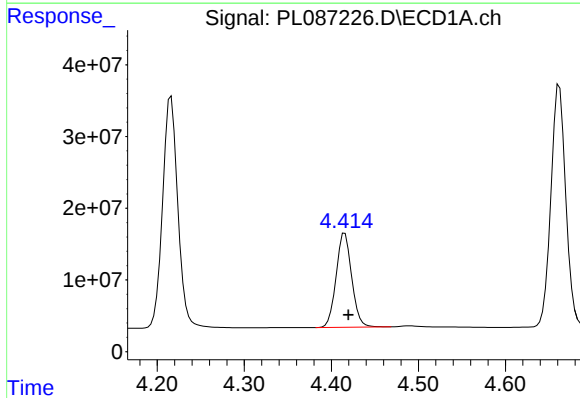
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



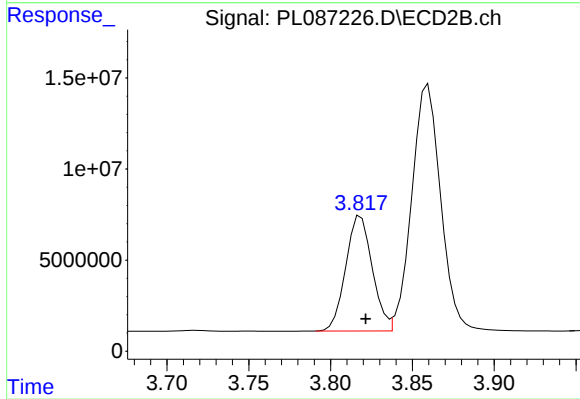
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 170141141
Conc: 70.96 ng/ml



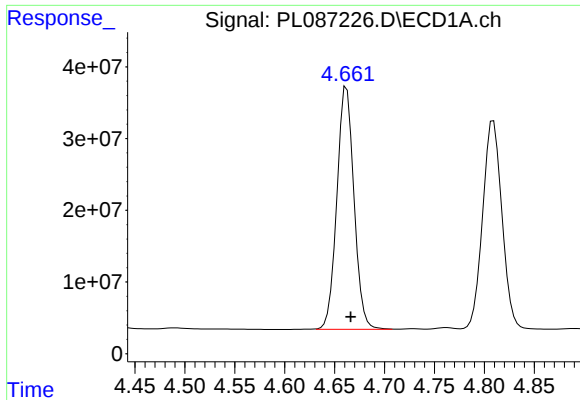
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.004 min
Response: 163148773
Conc: 71.03 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: -0.003 min
Response: 71267301
Conc: 68.46 ng/ml



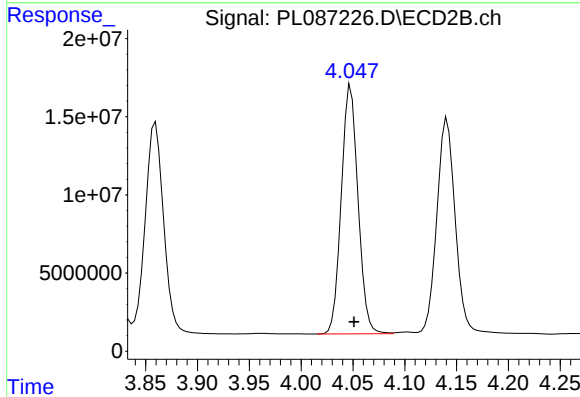
#7 delta-BHC

R.T.: 4.661 min
Delta R.T.: -0.006 min
Response: 403696032
Conc: 77.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

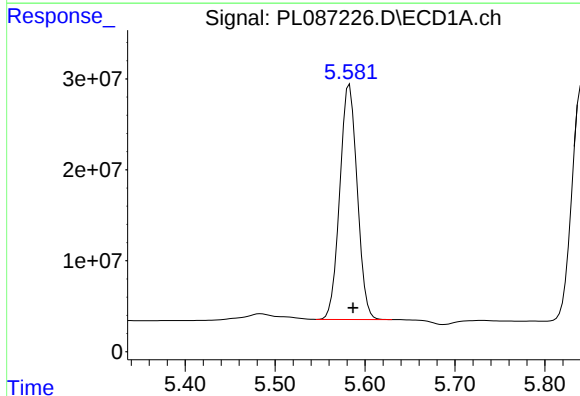
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



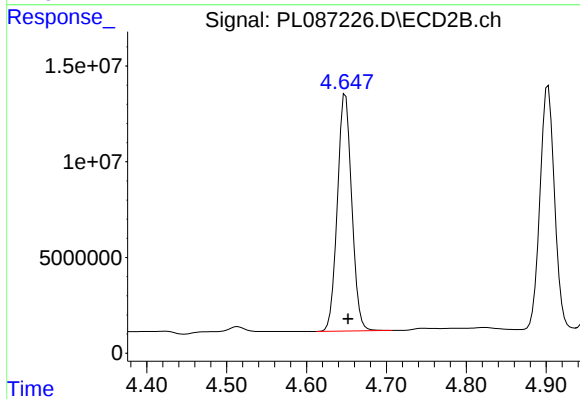
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 178957530
Conc: 73.16 ng/ml



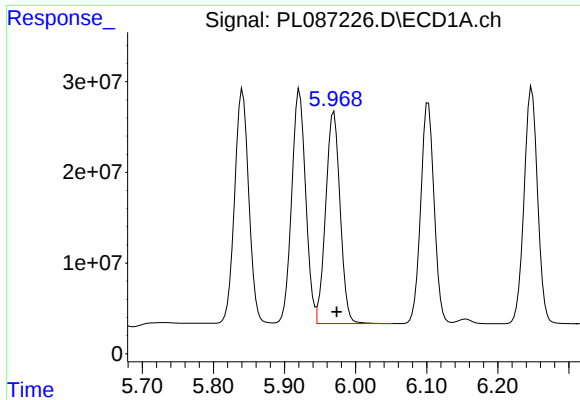
#8 Heptachlor epoxide

R.T.: 5.583 min
Delta R.T.: -0.004 min
Response: 348053788
Conc: 73.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 154640737
Conc: 69.49 ng/ml



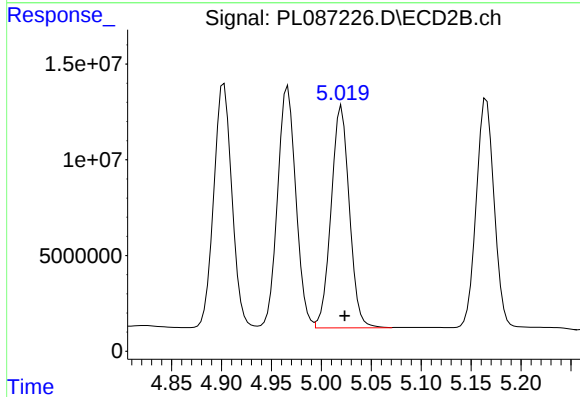
#9 Endosulfan I

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 330990002
Conc: 74.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

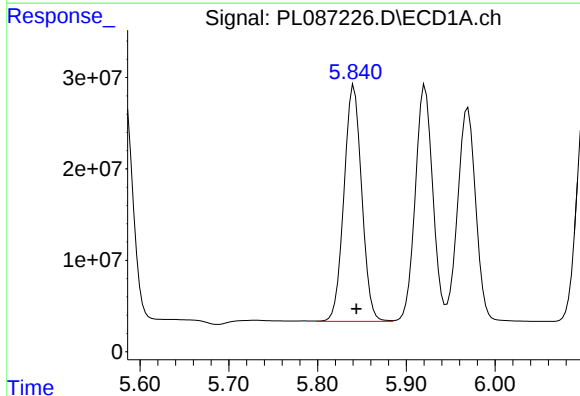
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



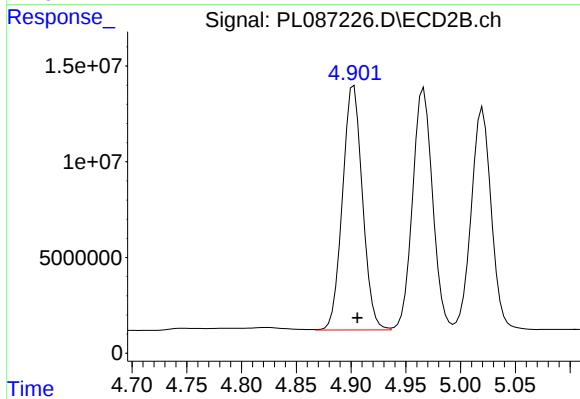
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 147686595
Conc: 68.34 ng/ml



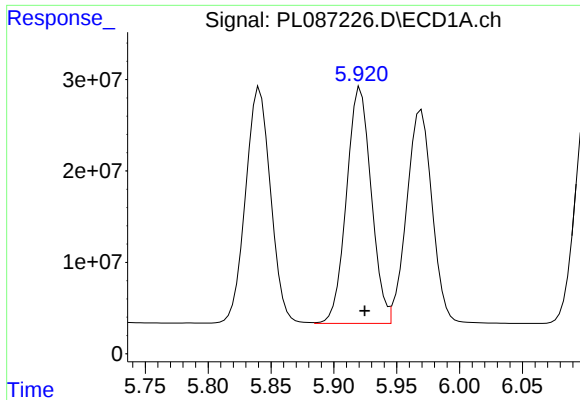
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 358301806
Conc: 73.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 161941398
Conc: 70.80 ng/ml



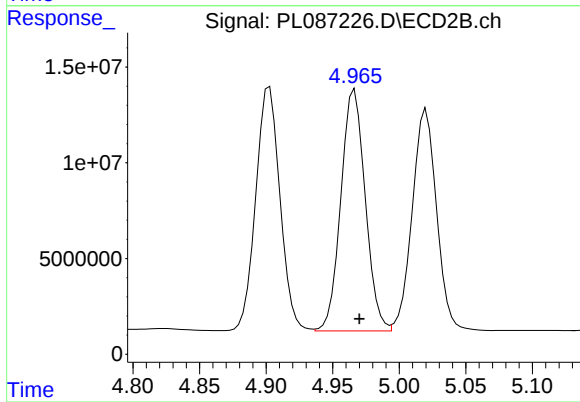
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 353573784
Conc: 73.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

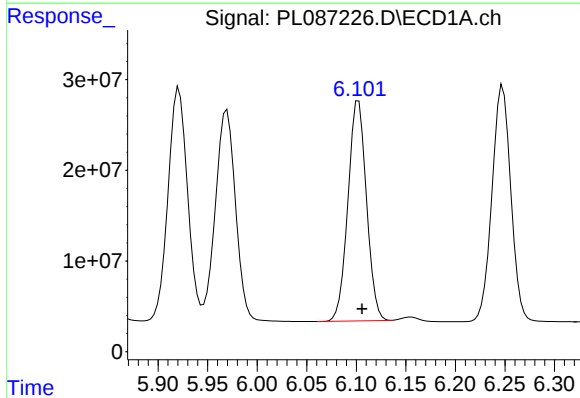
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



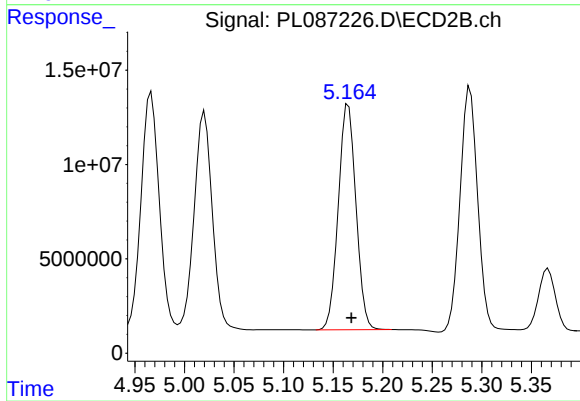
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 160903382
Conc: 69.71 ng/ml



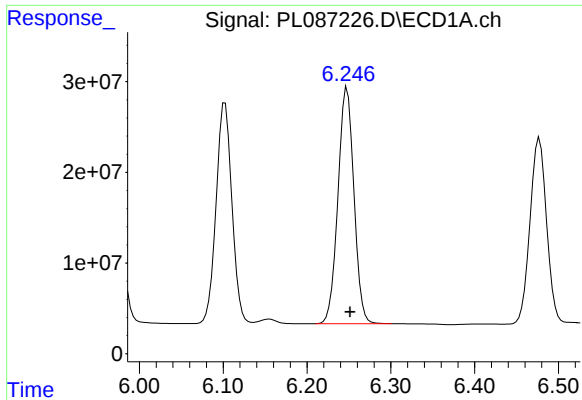
#12 4,4'-DDE

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 315825938
Conc: 76.21 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 148494112
Conc: 74.79 ng/ml



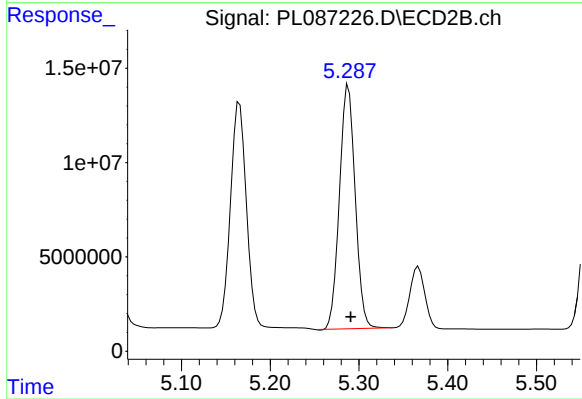
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 344631273
Conc: 74.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

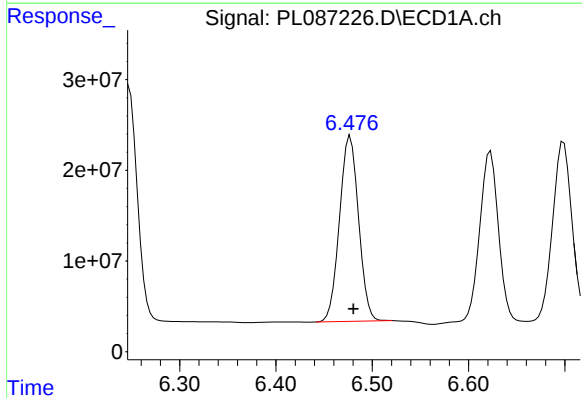
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



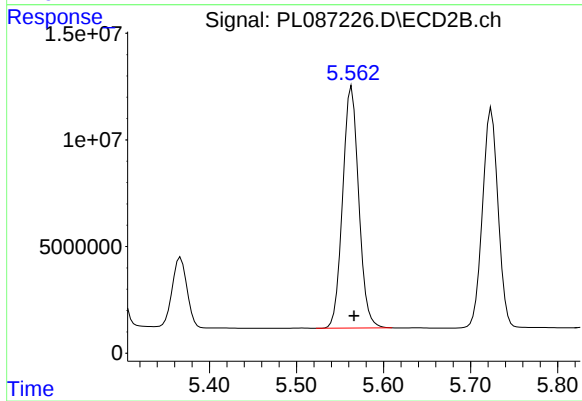
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 159194867
Conc: 71.46 ng/ml



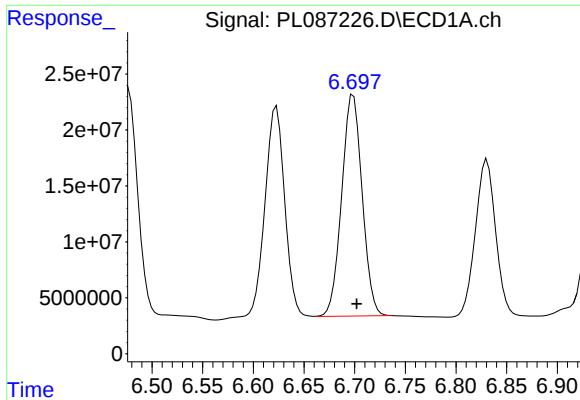
#14 Endrin

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 280475652
Conc: 72.90 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 145305982
Conc: 72.81 ng/ml



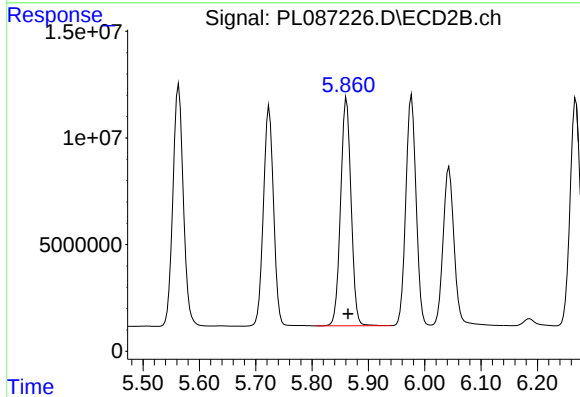
#15 Endosulfan II

R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 277824171
Conc: 69.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

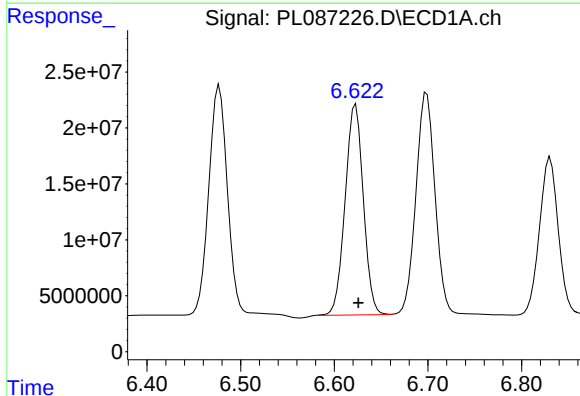
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



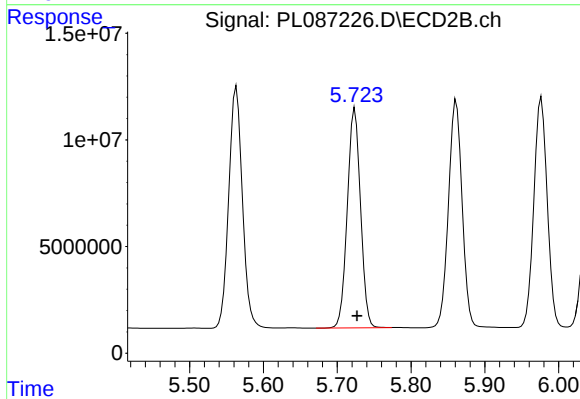
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 137892615
Conc: 70.82 ng/ml



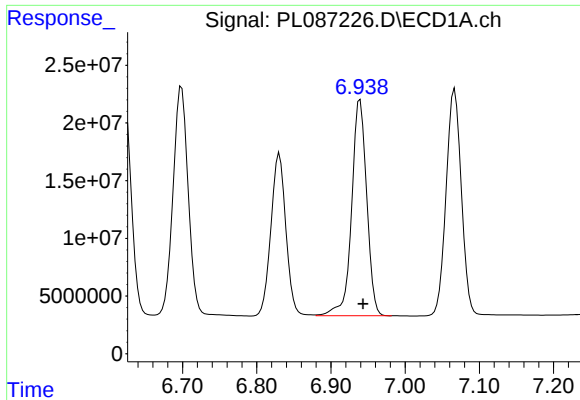
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 254334239
Conc: 76.95 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 128298121
Conc: 77.49 ng/ml



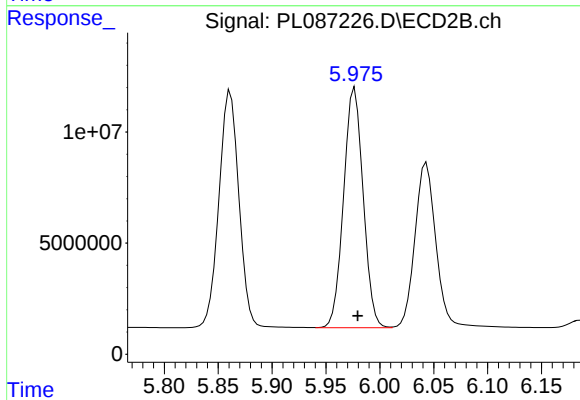
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 264527360
Conc: 70.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

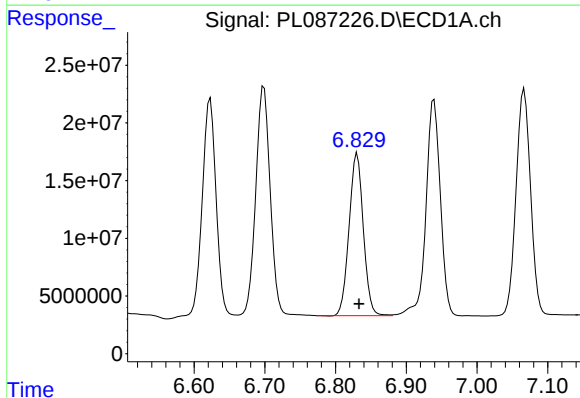
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



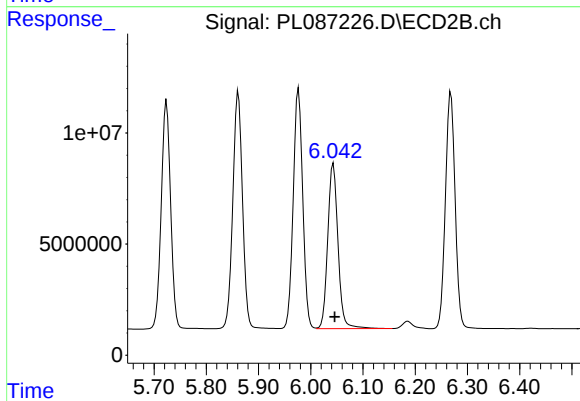
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 136480959
Conc: 74.00 ng/ml



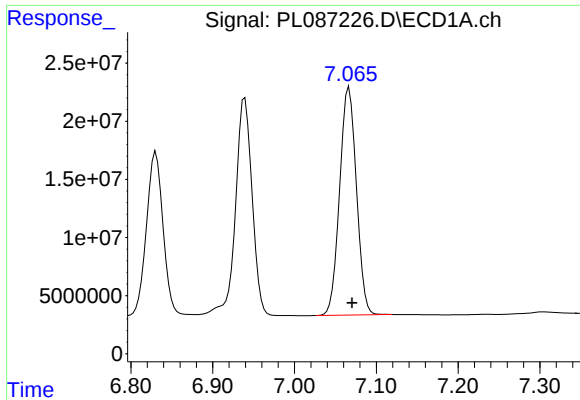
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 196909949
Conc: 67.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 101184353
Conc: 68.94 ng/ml



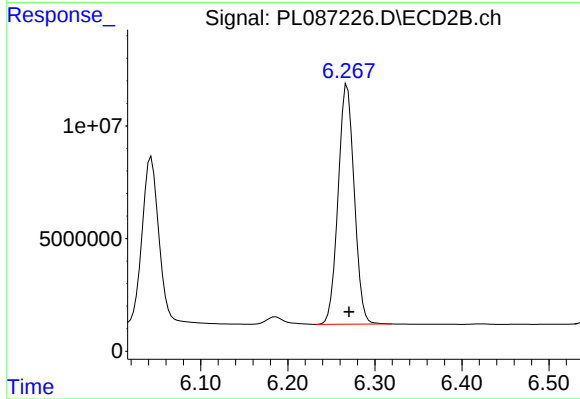
#19 Endosulfan Sulfate

R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 279016097
Conc: 71.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

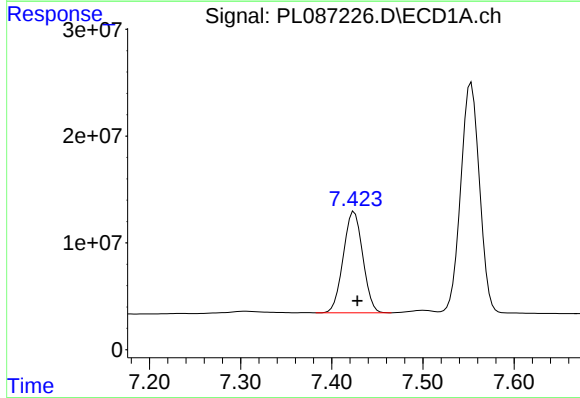
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



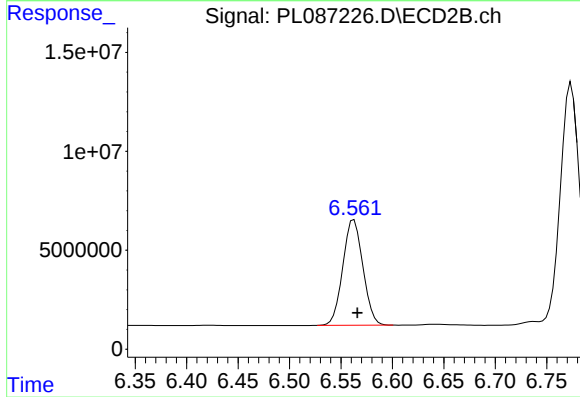
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 136897105
Conc: 72.67 ng/ml



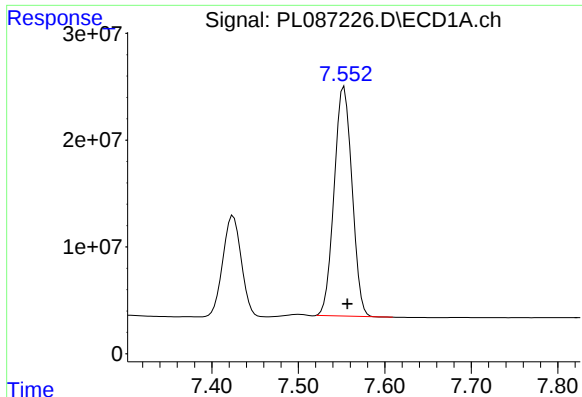
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 140937470
Conc: 72.28 ng/ml



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 72623335
Conc: 71.10 ng/ml



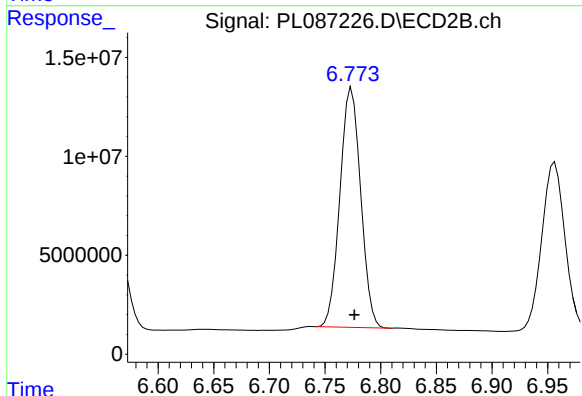
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 306697531
Conc: 75.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

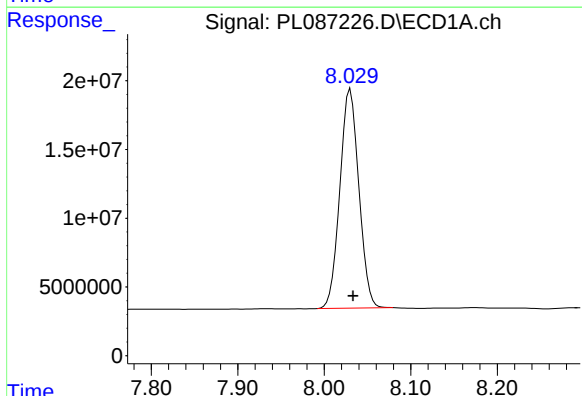
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



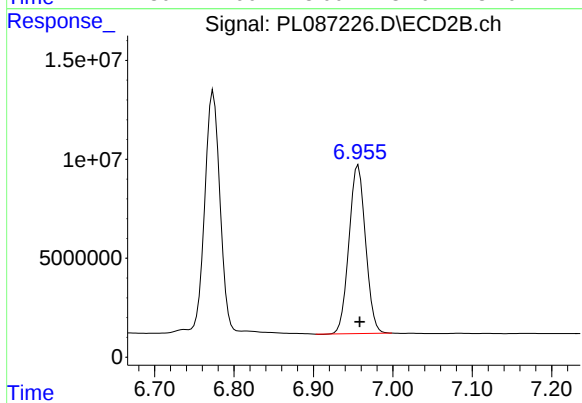
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 156961305
Conc: 73.74 ng/ml



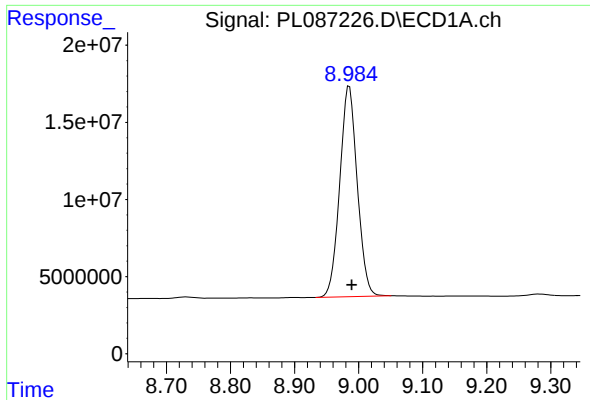
#22 Mirex

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 241772551
Conc: 71.78 ng/ml



#22 Mirex

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 123345860
Conc: 69.33 ng/ml



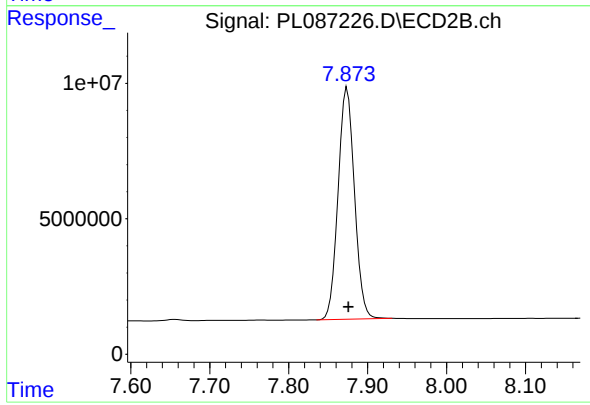
#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: -0.004 min
Response: 258712956
Conc: 75.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 123435247
Conc: 73.08 ng/ml