

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120823\
 Data File : PL087040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2023 16:25
 Operator : AR\AJ
 Sample : PB157640BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157640BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2023
 Supervised By :Ankita Jodhani 12/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 01:11:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.449	2.699	71540011	22064454	22.167	22.556
28) SA Decachlor...	9.047	7.898	61975224	21281191	27.114	22.116
Target Compounds						
2) A alpha-BHC	3.906	3.206	51836577	13904487	11.519m	10.849
3) MA gamma-BHC...	4.243	3.537	47483413	14611794	11.436	11.536
4) MA Heptachlor	4.838	3.881	51965000	15525911	12.853	12.474
5) MB Aldrin	5.182	4.162	44318347	14134220	11.112	11.751
6) B beta-BHC	4.444	3.839	24086479	7131330	14.164	12.570
7) B delta-BHC	4.691	4.069	46289796	13471175	12.798	11.083
8) B Heptachlo...	5.614	4.670	43754537	12818826	12.419	11.605
9) A Endosulfan I	6.001	5.042	41659868	13919989	12.715m	13.096
10) B gamma-Chl...	5.873	4.923	44647900	12543526	12.981m	11.659m
11) B alpha-Chl...	5.953	4.987	46460789	13197477	13.533m	11.842m
12) B 4,4'-DDE	6.138	5.187	37432340	9787986	14.929m	11.014 #
13) MA Dieldrin	6.282	5.309	41090529	11039484	12.681	11.015
14) MA Endrin	6.513	5.585	32204615	9924226	14.593	12.165
15) B Endosulfa...	6.736	5.883	35341796	10837447	13.676	12.312
16) A 4,4'-DDD	6.661	5.746	27026853	8469848	13.449m	10.925
17) MA 4,4'-DDT	6.982	5.999	27675473	9465341	13.942	12.466
18) B Endrin al...	6.867	6.065	24570724	8631474	13.539m	12.605
19) B Endosulfa...	7.107	6.290	36714230	12689951	14.882	14.381
20) A Methoxychlor	7.475	6.586	16873316	6134617	15.851	12.831
21) B Endrin ke...	7.595	6.796	36101135	12768851	14.155	12.626
22) Mirex	8.075	6.980	31103577	11118164	13.811	12.530

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120823\
 Data File : PL087040.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Dec 2023 16:25
 Operator : AR\AJ
 Sample : PB157640BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB157640BS

Manual Integrations

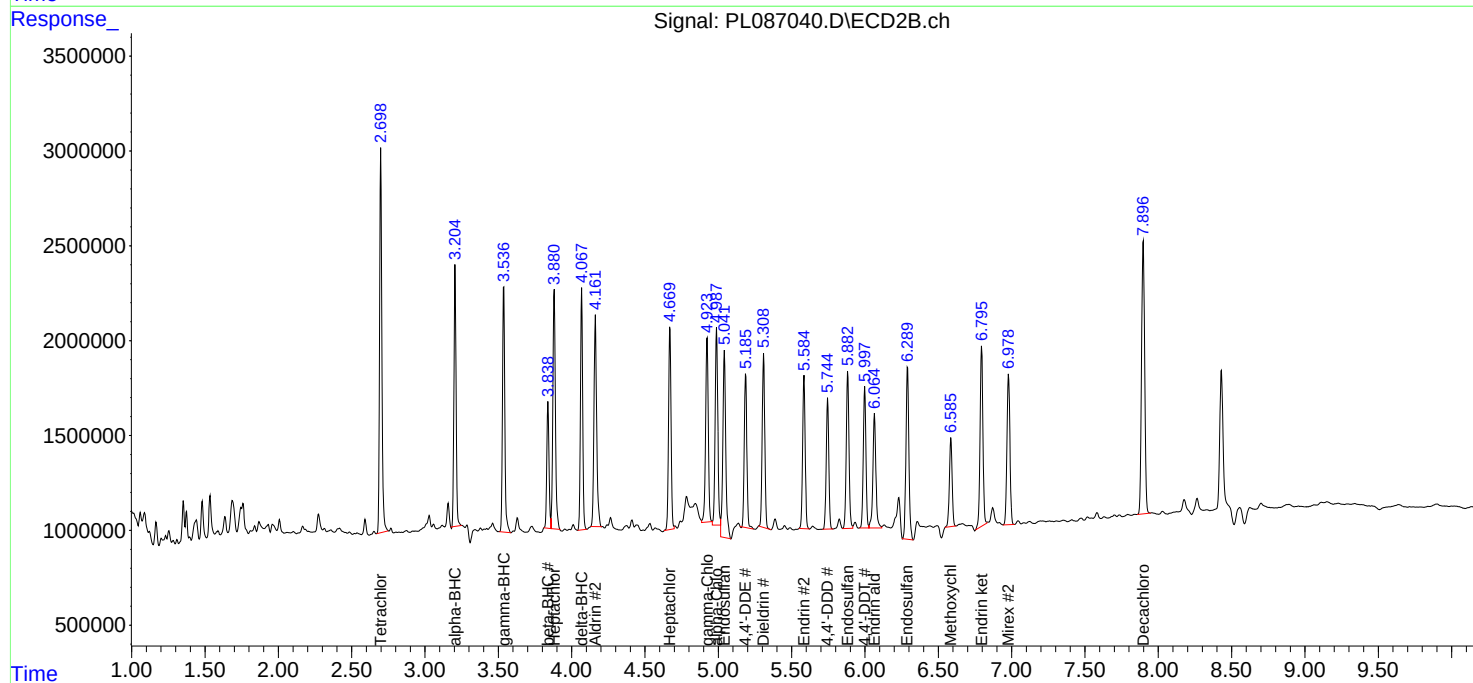
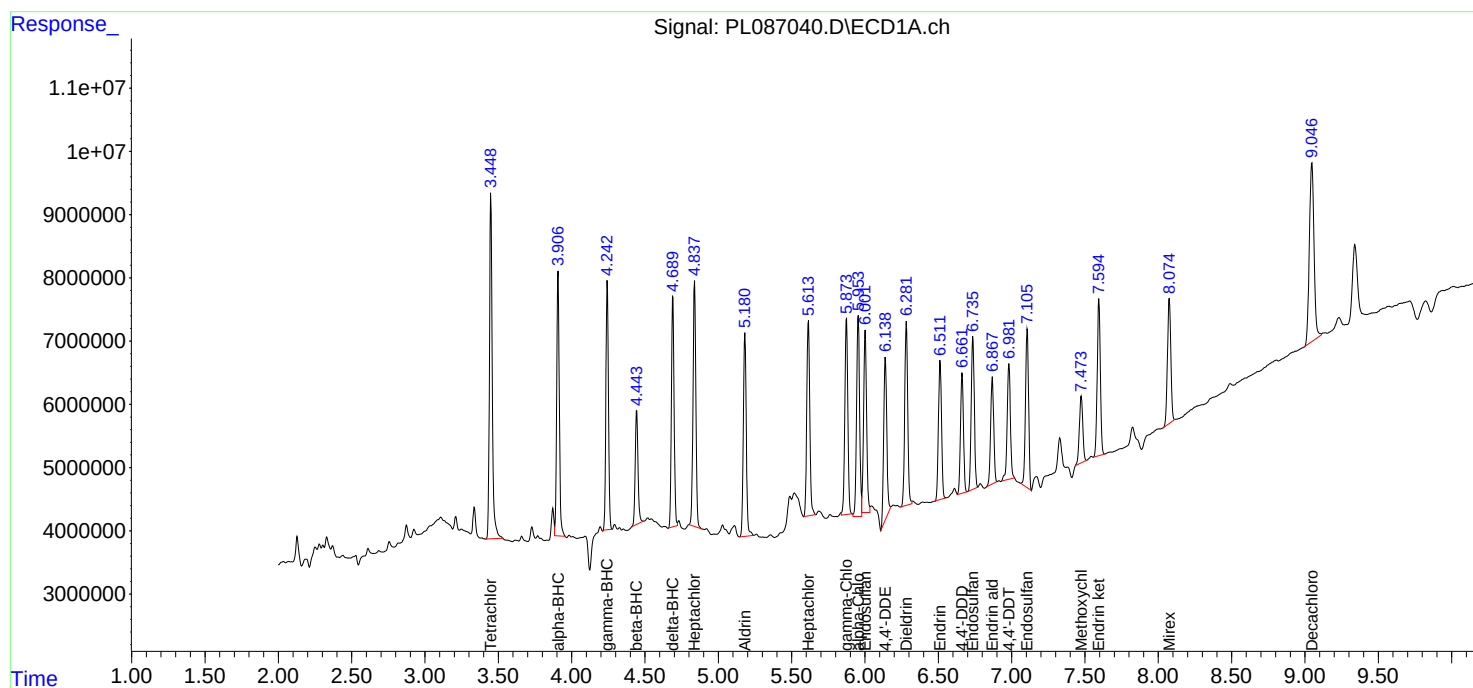
APPROVED

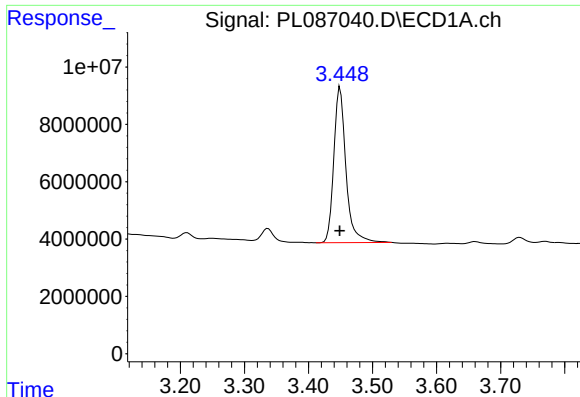
Reviewed By :Abdul Mirza 12/11/2023

Supervised By :Ankita Jodhani 12/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 01:11:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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





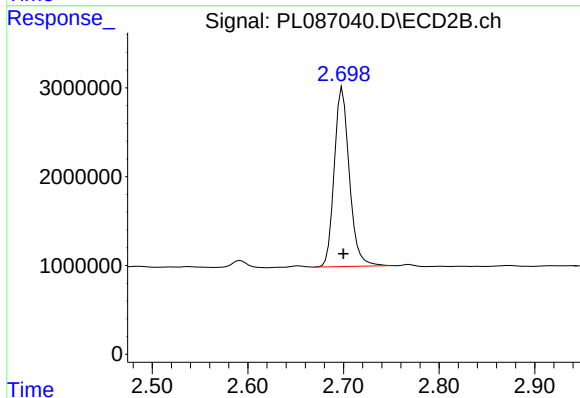
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 71540011
Conc: 22.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

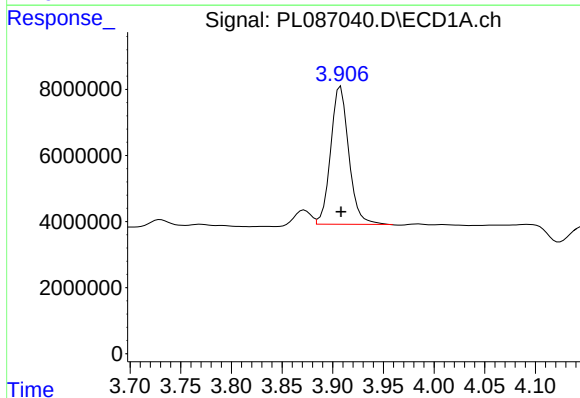
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



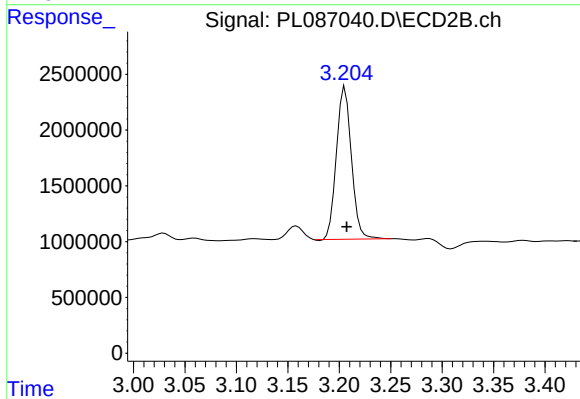
#1 Tetrachloro-m-xylene

R.T.: 2.699 min
Delta R.T.: -0.001 min
Response: 22064454
Conc: 22.56 ng/ml



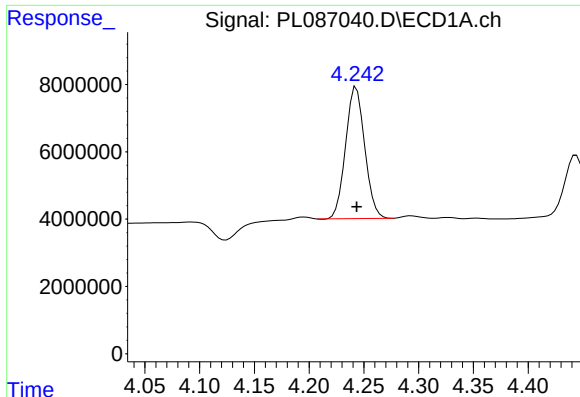
#2 alpha-BHC

R.T.: 3.906 min
Delta R.T.: -0.002 min
Response: 51836577
Conc: 11.52 ng/ml m



#2 alpha-BHC

R.T.: 3.206 min
Delta R.T.: -0.002 min
Response: 13904487
Conc: 10.85 ng/ml



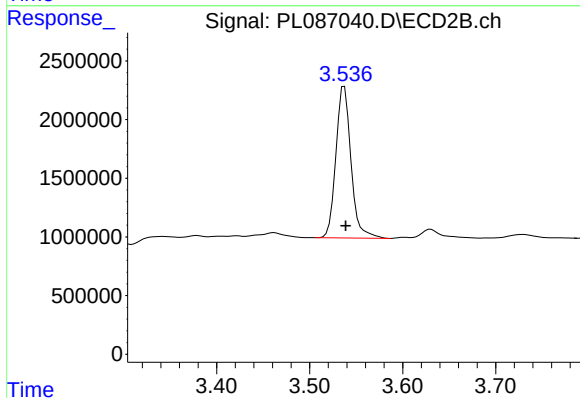
#3 gamma-BHC (Lindane)

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 47483413
Conc: 11.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

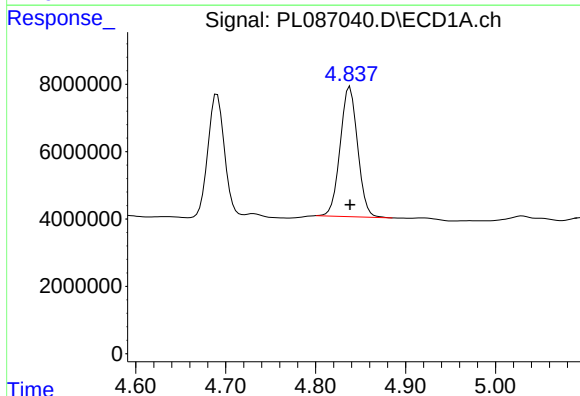
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



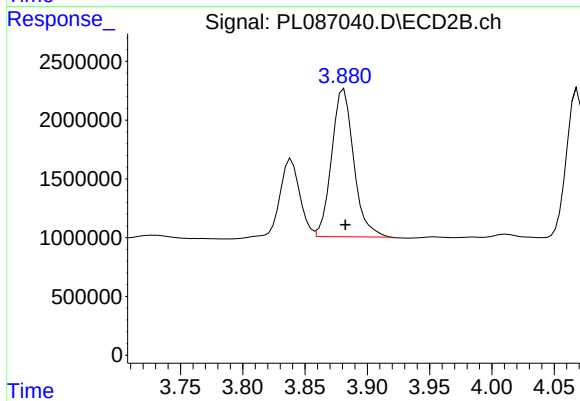
#3 gamma-BHC (Lindane)

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 14611794
Conc: 11.54 ng/ml



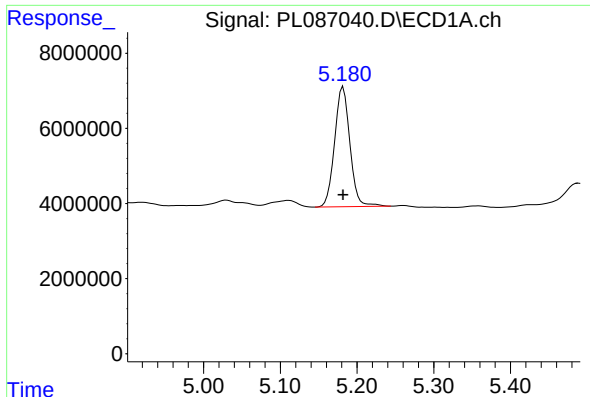
#4 Heptachlor

R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 51965000
Conc: 12.85 ng/ml



#4 Heptachlor

R.T.: 3.881 min
Delta R.T.: -0.001 min
Response: 15525911
Conc: 12.47 ng/ml



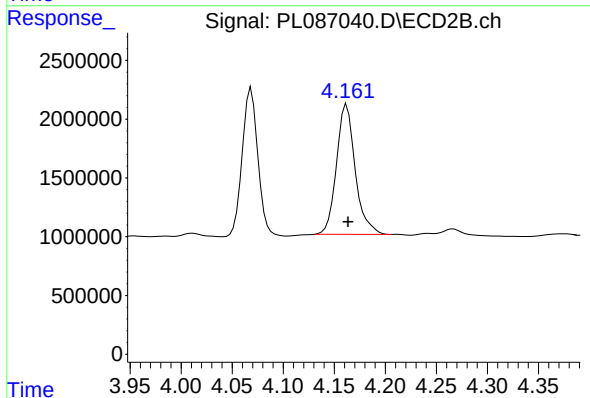
#5 Aldrin

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 44318347
Conc: 11.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

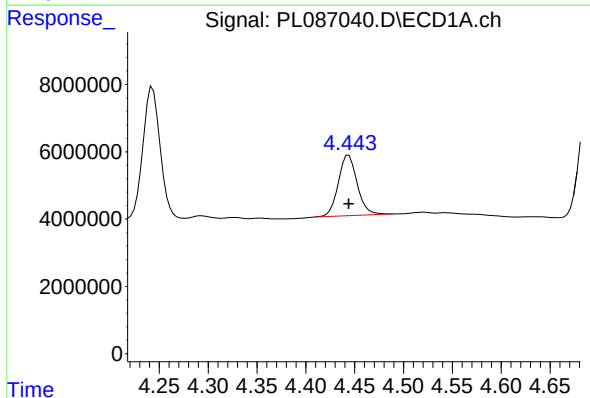
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



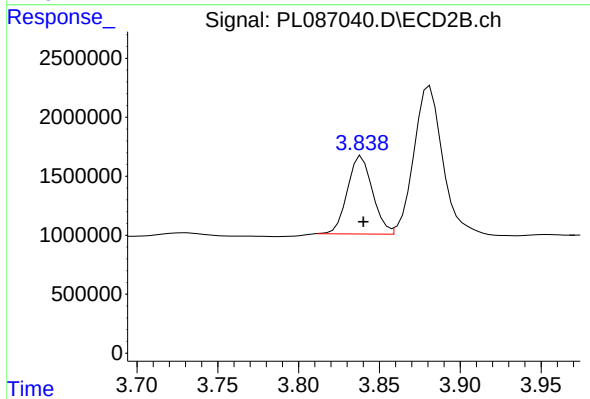
#5 Aldrin

R.T.: 4.162 min
Delta R.T.: -0.001 min
Response: 14134220
Conc: 11.75 ng/ml



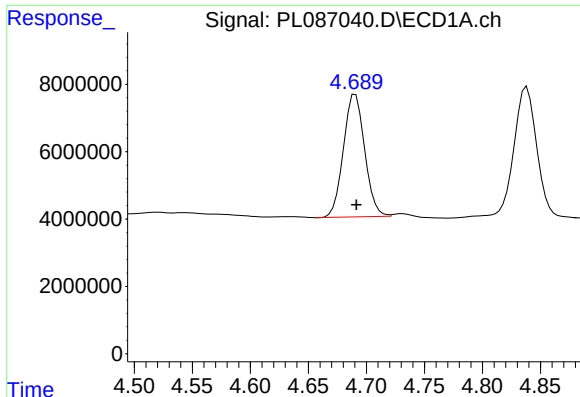
#6 beta-BHC

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 24086479
Conc: 14.16 ng/ml



#6 beta-BHC

R.T.: 3.839 min
Delta R.T.: -0.001 min
Response: 7131330
Conc: 12.57 ng/ml



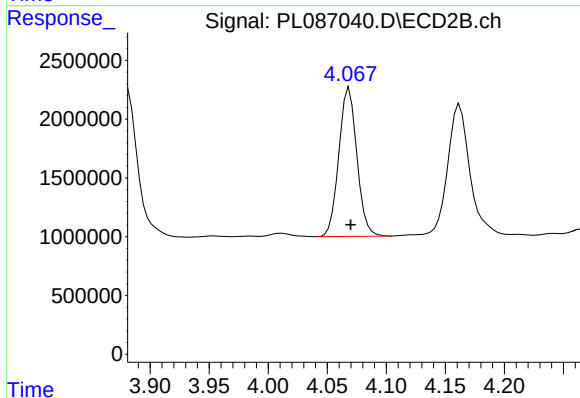
#7 delta-BHC

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 46289796
Conc: 12.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

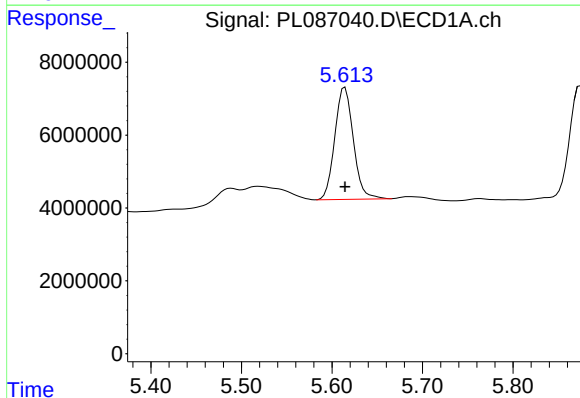
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



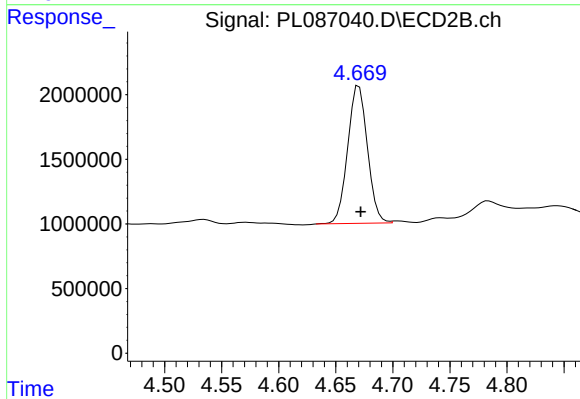
#7 delta-BHC

R.T.: 4.069 min
Delta R.T.: -0.001 min
Response: 13471175
Conc: 11.08 ng/ml



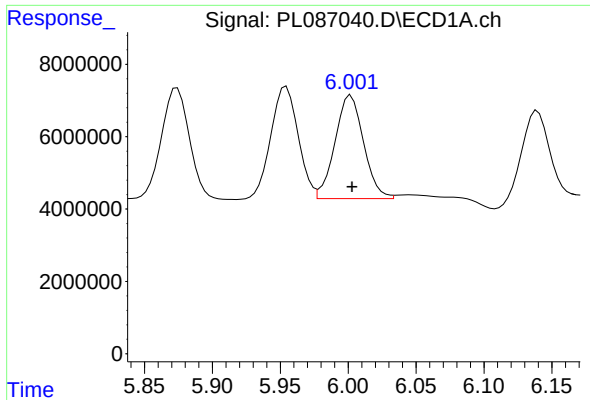
#8 Heptachlor epoxide

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 43754537
Conc: 12.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.670 min
Delta R.T.: -0.001 min
Response: 12818826
Conc: 11.61 ng/ml



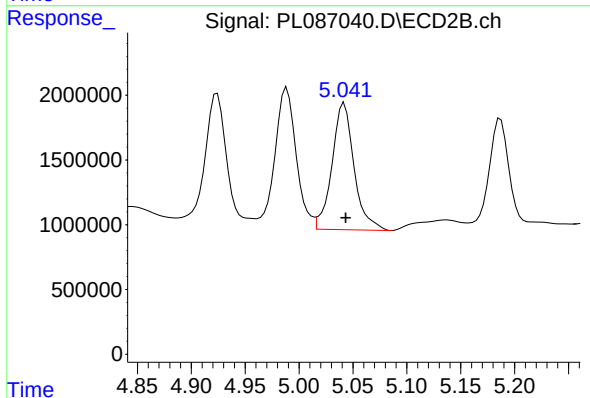
#9 Endosulfan I

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 41659868
Conc: 12.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

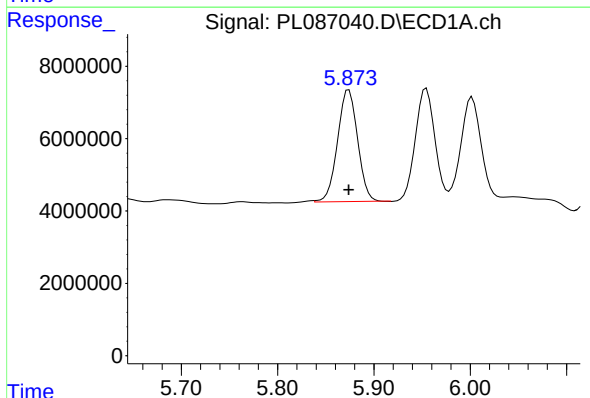
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



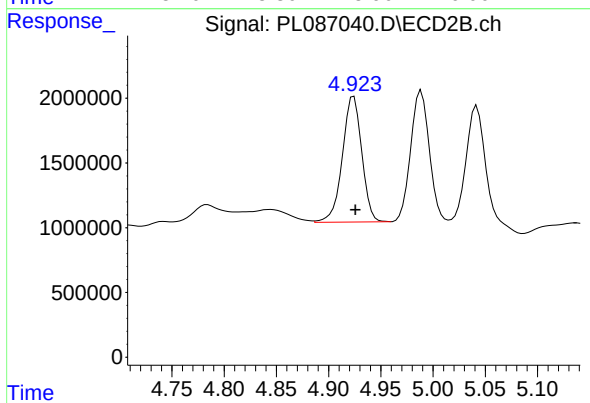
#9 Endosulfan I

R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 13919989
Conc: 13.10 ng/ml



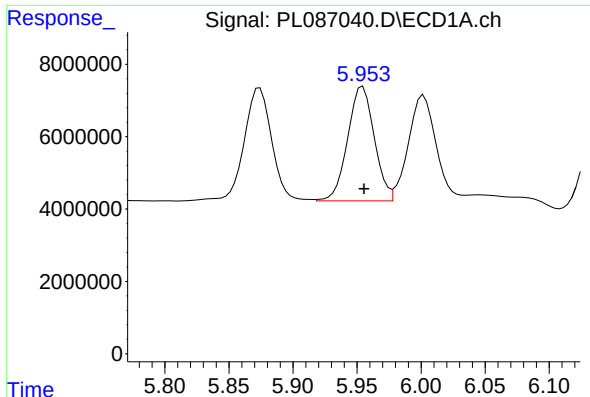
#10 gamma-Chlordane

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 44647900
Conc: 12.98 ng/ml m



#10 gamma-Chlordane

R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 12543526
Conc: 11.66 ng/ml m



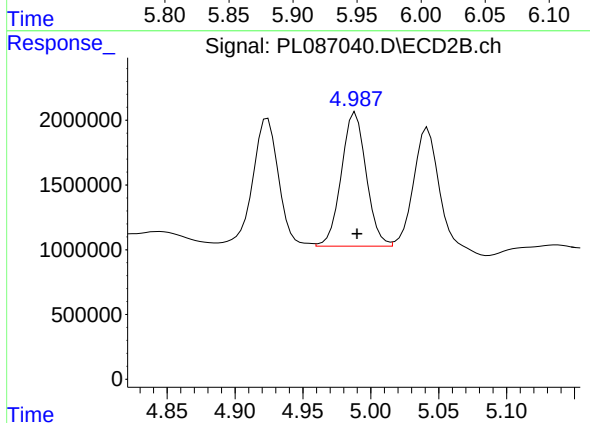
#11 alpha-Chlordane

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 46460789
Conc: 13.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

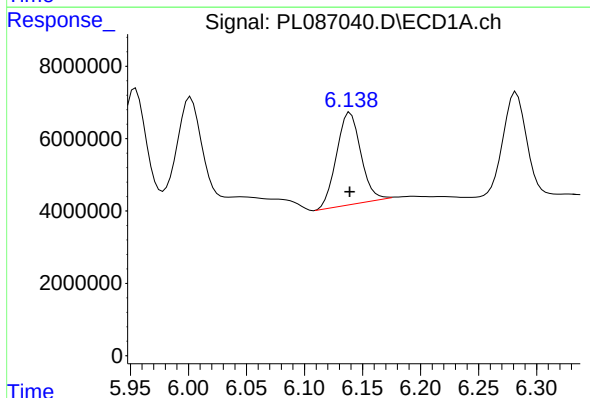
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



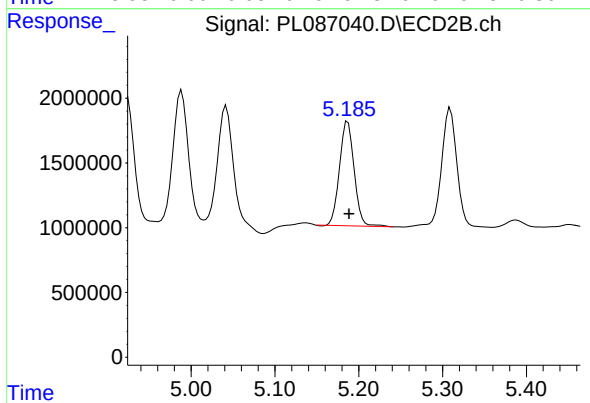
#11 alpha-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 13197477
Conc: 11.84 ng/ml m



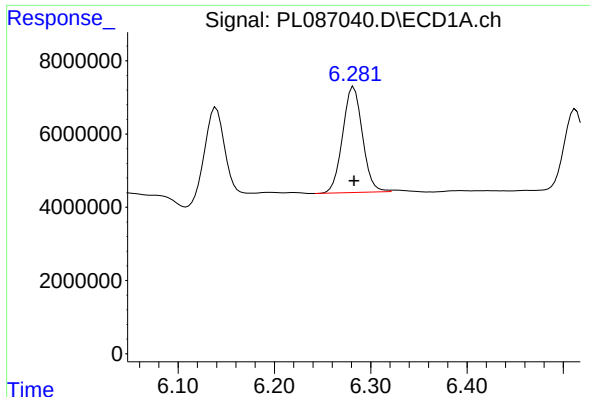
#12 4,4'-DDE

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 37432340
Conc: 14.93 ng/ml m



#12 4,4'-DDE

R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 9787986
Conc: 11.01 ng/ml



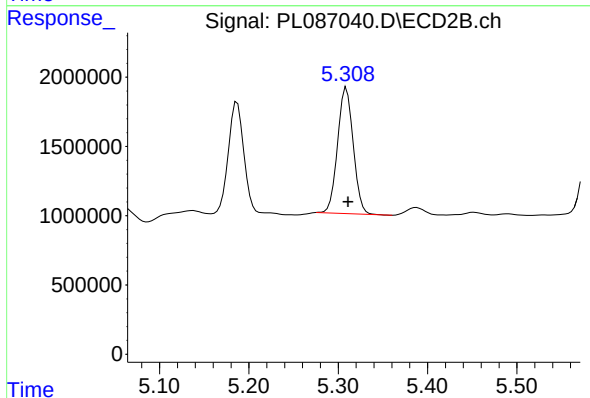
#13 Dieldrin

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 41090529
Conc: 12.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

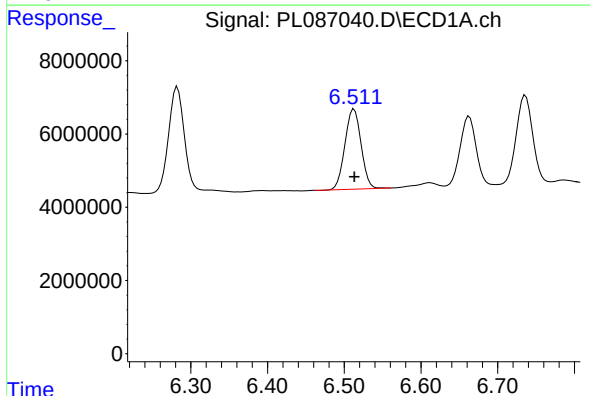
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



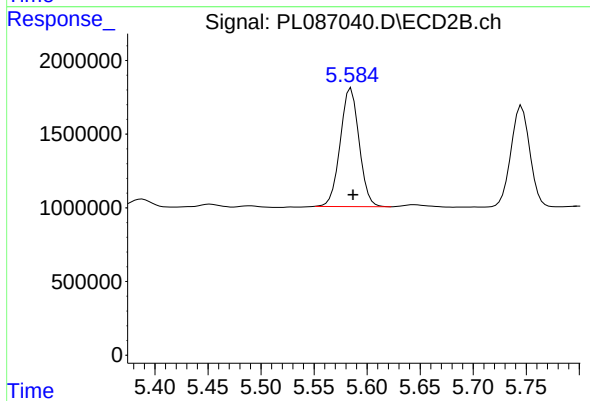
#13 Dieldrin

R.T.: 5.309 min
Delta R.T.: -0.002 min
Response: 11039484
Conc: 11.02 ng/ml



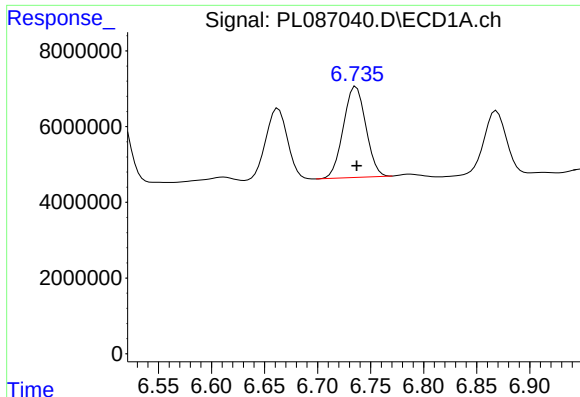
#14 Endrin

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 32204615
Conc: 14.59 ng/ml



#14 Endrin

R.T.: 5.585 min
Delta R.T.: -0.002 min
Response: 9924226
Conc: 12.17 ng/ml



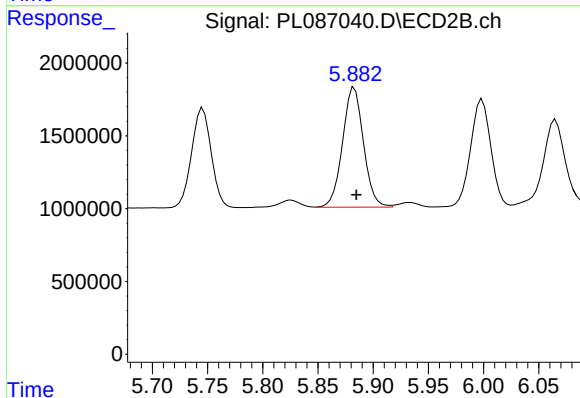
#15 Endosulfan II

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 35341796
Conc: 13.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

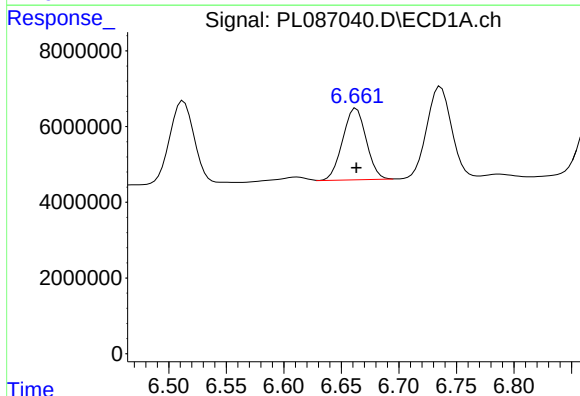
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



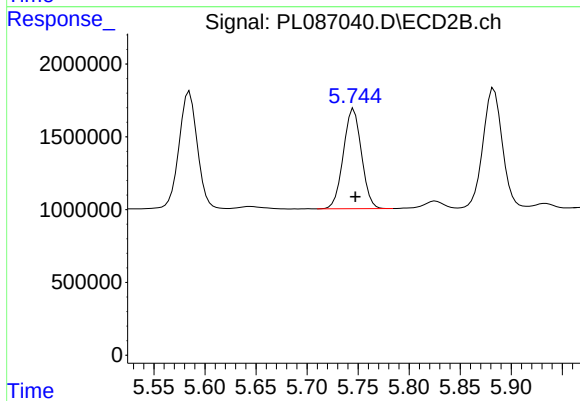
#15 Endosulfan II

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 10837447
Conc: 12.31 ng/ml



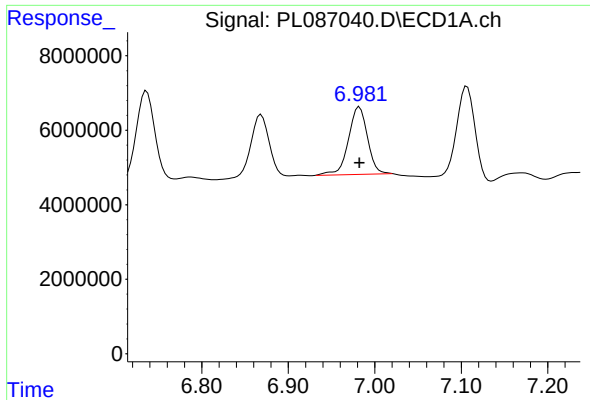
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 27026853
Conc: 13.45 ng/ml m



#16 4,4'-DDD

R.T.: 5.746 min
Delta R.T.: -0.002 min
Response: 8469848
Conc: 10.93 ng/ml



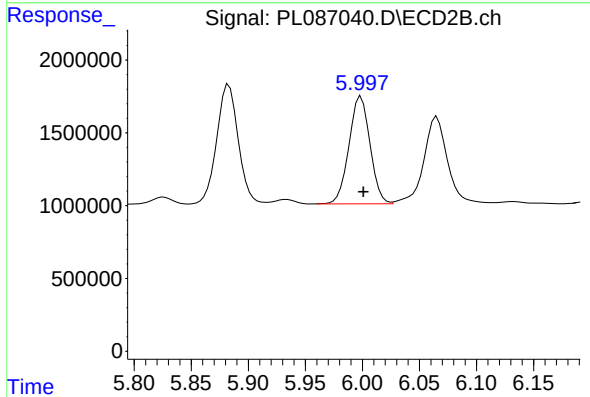
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 27675473
Conc: 13.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

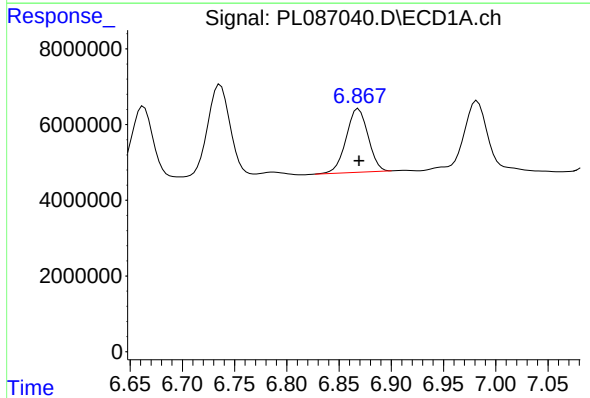
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



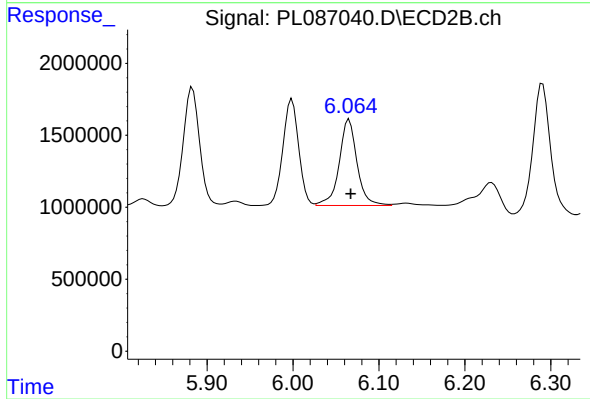
#17 4,4'-DDT

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 9465341
Conc: 12.47 ng/ml



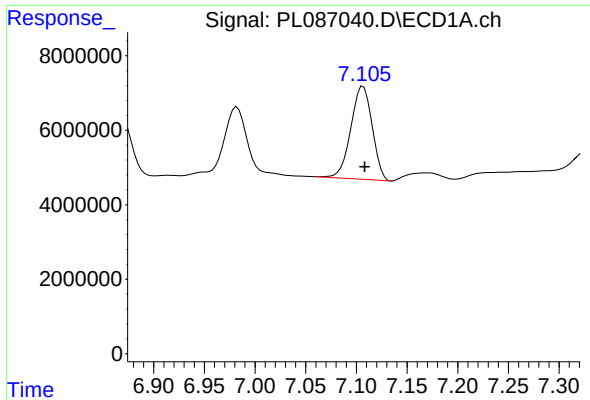
#18 Endrin aldehyde

R.T.: 6.867 min
Delta R.T.: -0.002 min
Response: 24570724
Conc: 13.54 ng/ml m



#18 Endrin aldehyde

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 8631474
Conc: 12.60 ng/ml



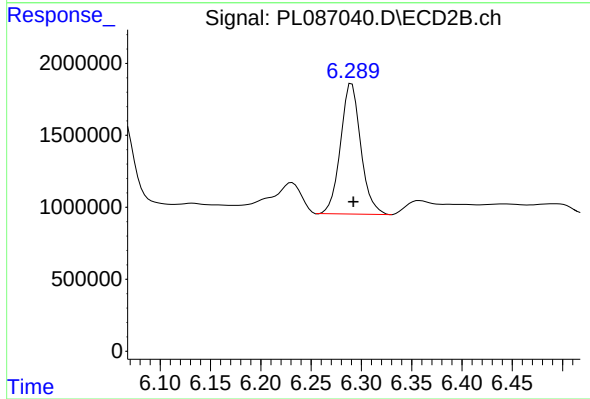
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.001 min
Response: 36714230
Conc: 14.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

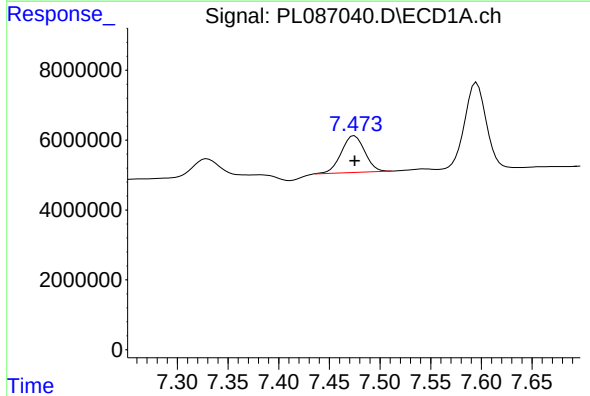
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



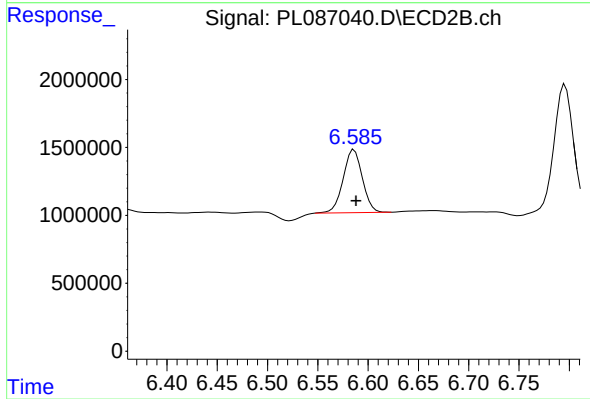
#19 Endosulfan Sulfate

R.T.: 6.290 min
Delta R.T.: -0.002 min
Response: 12689951
Conc: 14.38 ng/ml



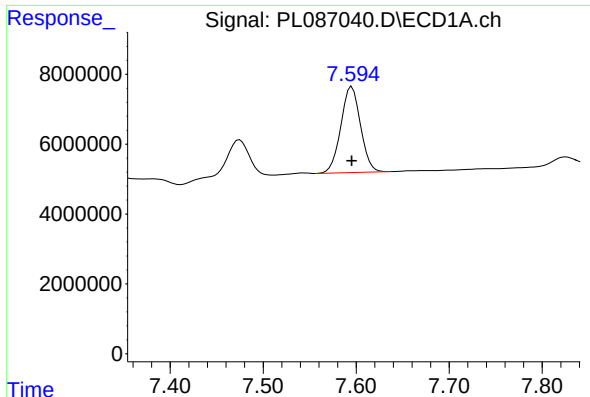
#20 Methoxychlor

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 16873316
Conc: 15.85 ng/ml



#20 Methoxychlor

R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 6134617
Conc: 12.83 ng/ml



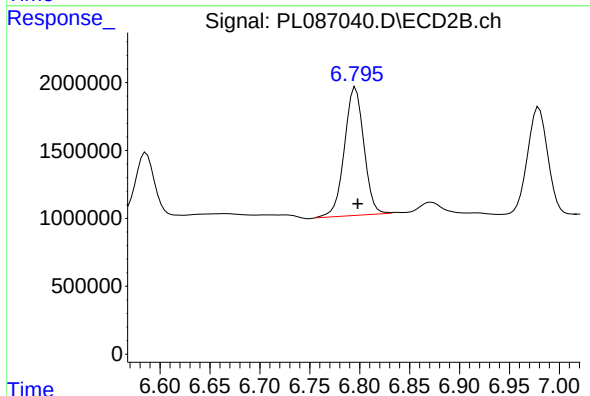
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 36101135
Conc: 14.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

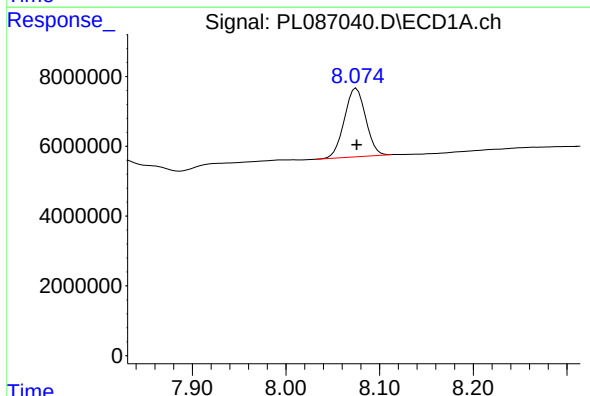
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



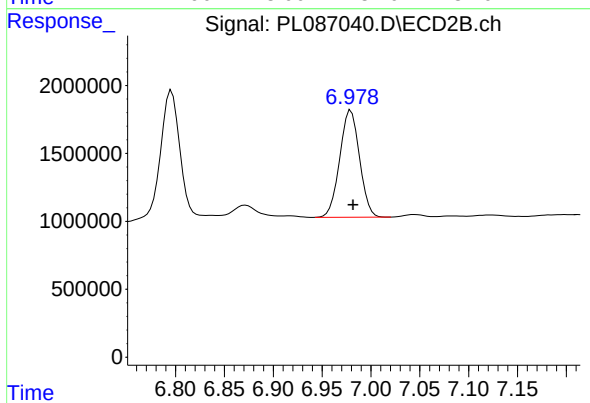
#21 Endrin ketone

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 12768851
Conc: 12.63 ng/ml



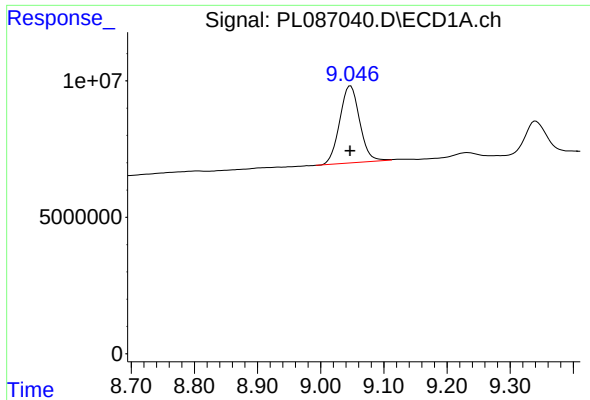
#22 Mirex

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 31103577
Conc: 13.81 ng/ml



#22 Mirex

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 11118164
Conc: 12.53 ng/ml



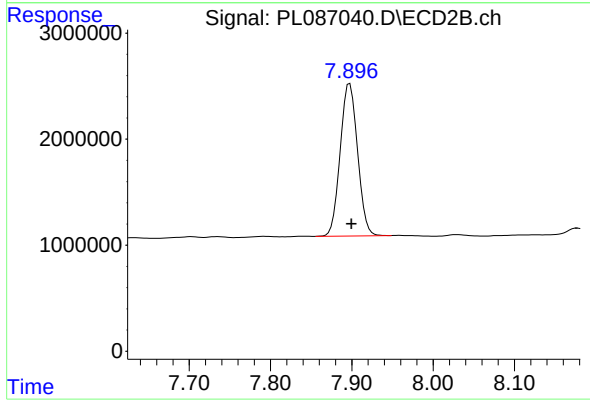
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: 0.000 min
Response: 61975224
Conc: 27.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157640BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2023
Supervised By :Ankita Jodhani 12/11/2023



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.002 min
Response: 21281191
Conc: 22.12 ng/ml