

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112723\
 Data File : PL086831.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2023 12:21
 Operator : AR\AJ
 Sample : PB157398BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157398BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 12:38:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.351	2.617	64707237	20014288	19.928	20.327
28)	SA Decachlor...	8.853	7.768	57250715	25862059	19.559	21.416
Target Compounds							
2)	A alpha-BHC	3.805	3.113	54889643	15469898	11.411	11.606m
3)	MA gamma-BHC...	4.135	3.442	51995647	15141501	11.052m	11.409
4)	MA Heptachlor	4.724	3.777	54664502	16840884	11.983	12.581
5)	MB Aldrin	5.063	4.054	50347811	15566906	11.121	11.963
6)	B beta-BHC	4.341	3.744	25622251	7960709	12.668	13.356
7)	B delta-BHC	4.582	3.969	51832221	15006361	11.289m	11.470
8)	B Heptachlo...	5.492	4.559	47773127	15073806	12.289m	12.551
9)	A Endosulfan I	5.876	4.925	44431191	14603240	11.843m	12.700m
10)	B gamma-Chl...	5.750	4.809	48871960	16843205	11.928m	13.652m
11)	B alpha-Chl...	5.828	4.873	49104783	16124030	12.095m	12.894m
12)	B 4,4'-DDE	6.013	5.073	38879146	12763491	11.210m	12.434
13)	MA Dieldrin	6.154	5.191	42493188	14161533	10.807	11.869
14)	MA Endrin	6.383	5.465	38187215	13037628	11.087	11.903
15)	B Endosulfa...	6.606	5.764	39279668	13115797	11.051	11.950
16)	A 4,4'-DDD	6.533	5.629	32858084	11443761	12.340	13.432
17)	MA 4,4'-DDT	6.848	5.880	33573406	11709339	11.326	11.978
18)	B Endrin al...	6.738	5.946	27403125	11637368	10.336	12.423
19)	B Endosulfa...	6.974	6.170	37768567	15710482	11.253	14.464 #
20)	A Methoxychlor	7.333	6.465	18467503	7488042	11.572m	12.518
21)	B Endrin ke...	7.456	6.672	37835764	16056734	11.102	12.531
22)	Mirex	7.928	6.848	31523582	14635128	11.162	12.875

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112723\
Data File : PL086831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2023 12:21
Operator : AR\AJ
Sample : PB157398BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

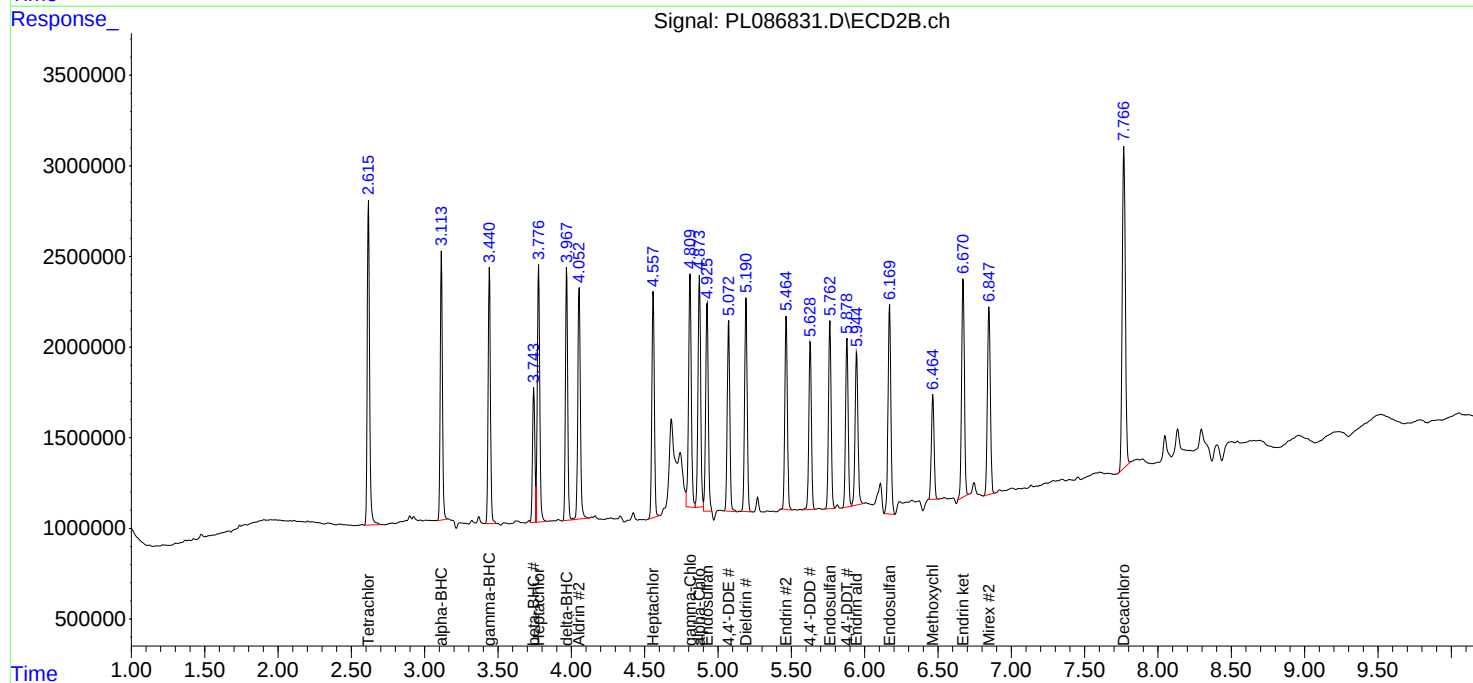
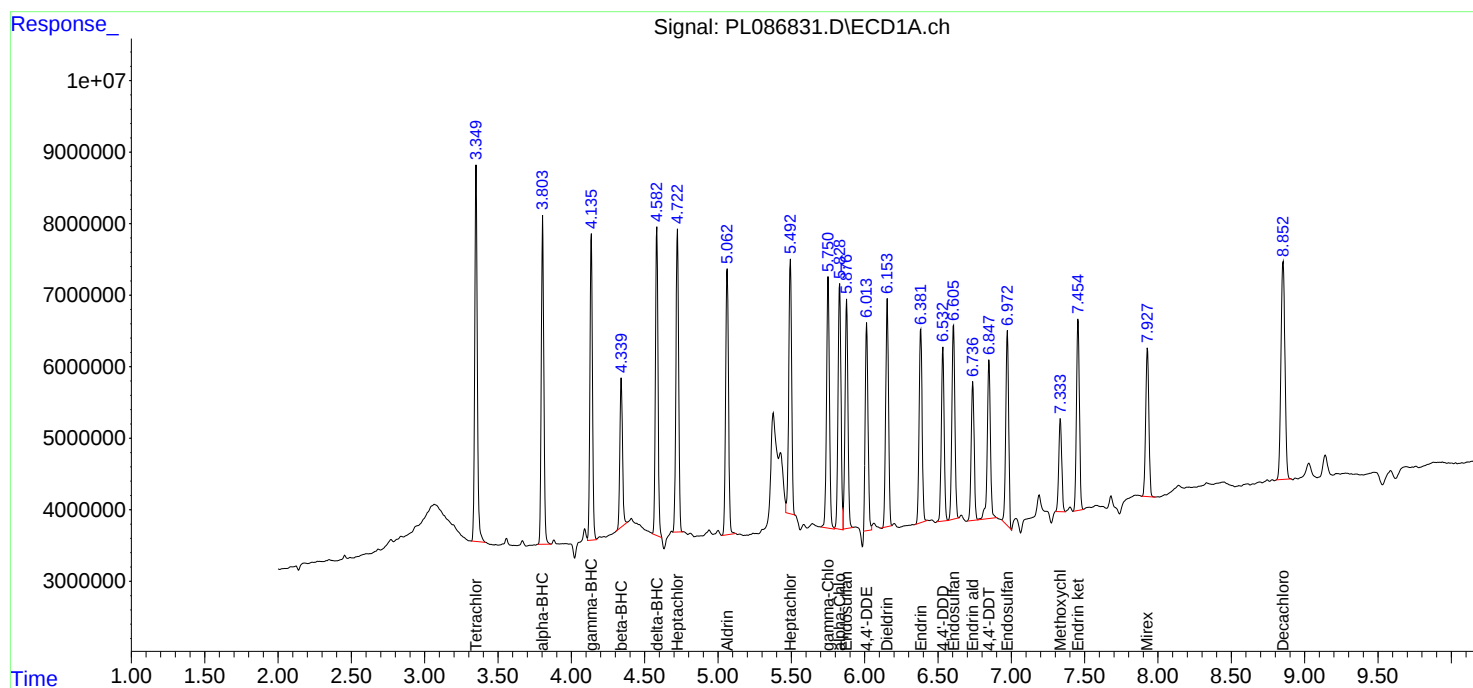
Instrument :
ECD_L
ClientSampleId :
PB157398BSD

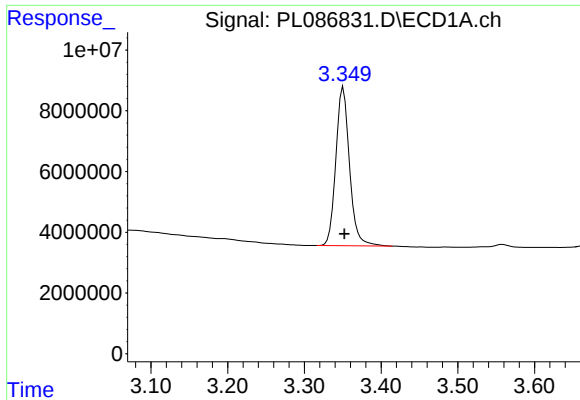
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 12:38:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 13:04:14 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





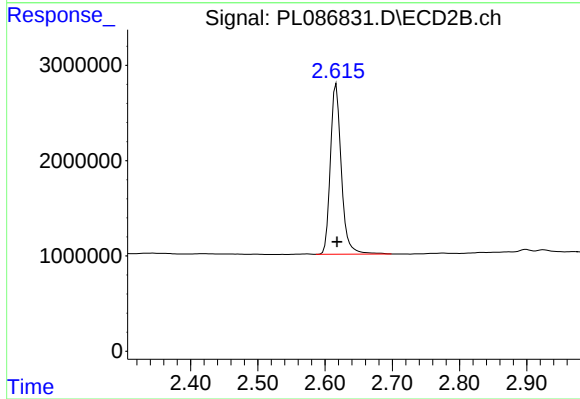
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 64707237
Conc: 19.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

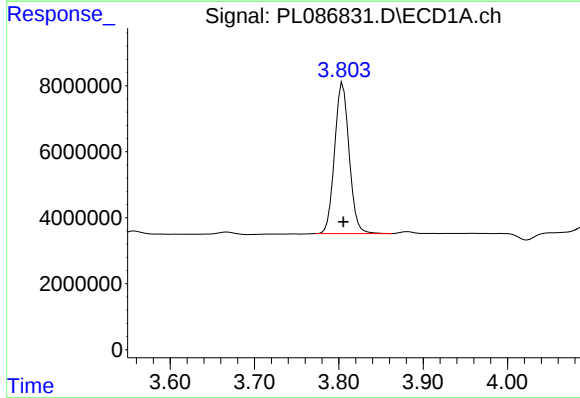
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



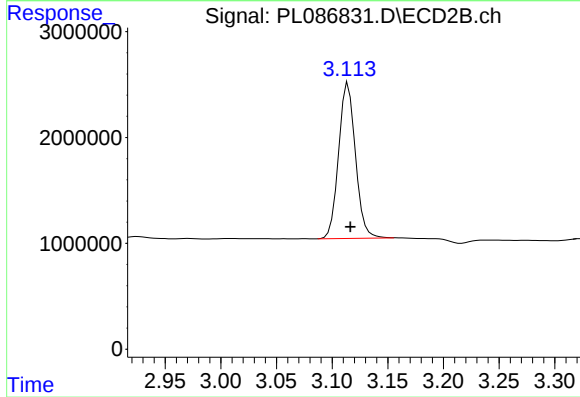
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 20014288
Conc: 20.33 ng/ml



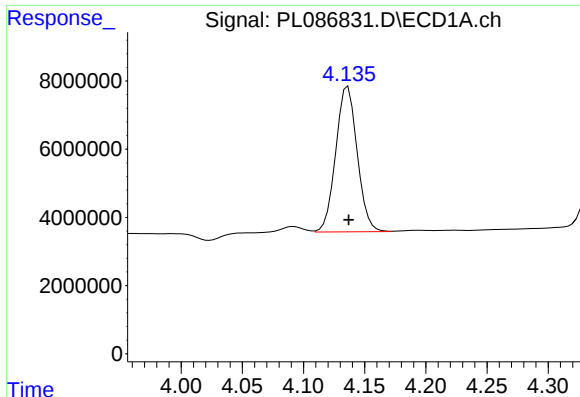
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 54889643
Conc: 11.41 ng/ml



#2 alpha-BHC

R.T.: 3.113 min
Delta R.T.: -0.003 min
Response: 15469898
Conc: 11.61 ng/ml m



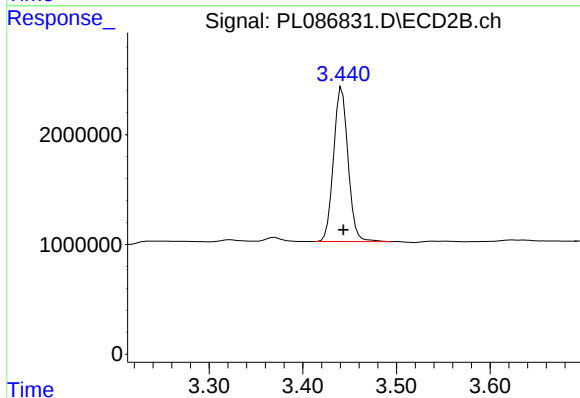
#3 gamma-BHC (Lindane)

R.T.: 4.135 min
Delta R.T.: -0.002 min
Response: 51995647
Conc: 11.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

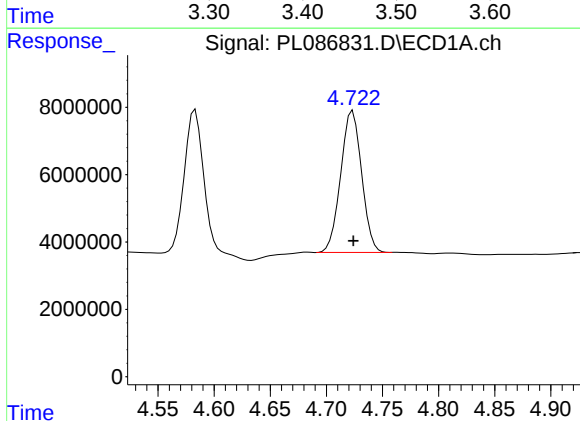
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



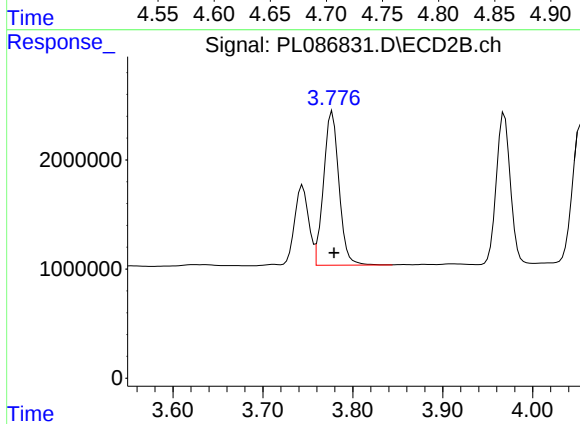
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.002 min
Response: 15141501
Conc: 11.41 ng/ml



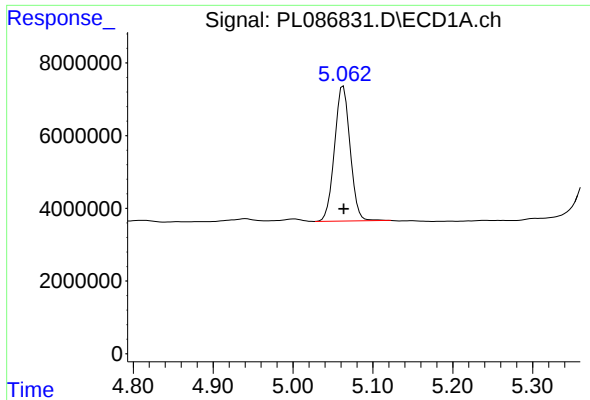
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 54664502
Conc: 11.98 ng/ml



#4 Heptachlor

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 16840884
Conc: 12.58 ng/ml



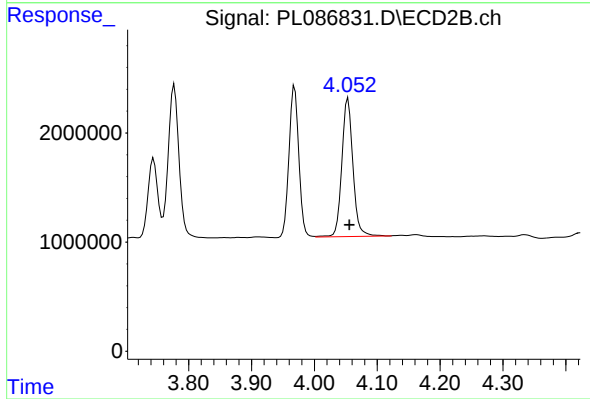
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 50347811
Conc: 11.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

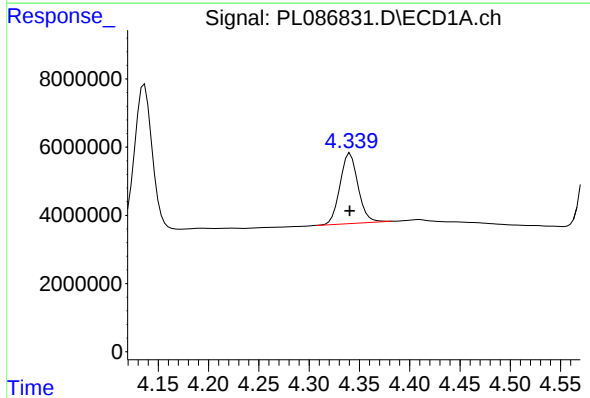
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



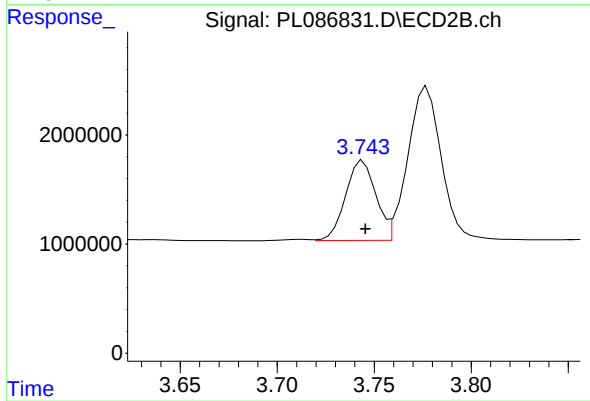
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 15566906
Conc: 11.96 ng/ml



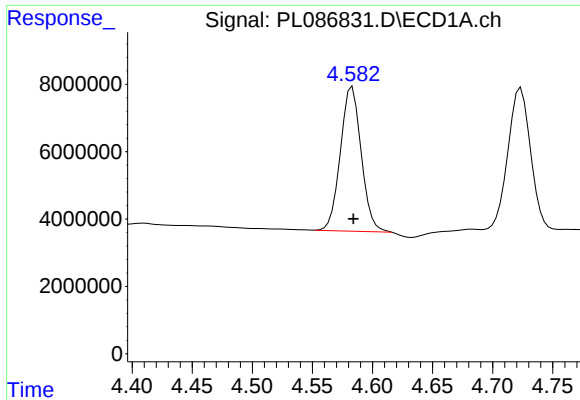
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 25622251
Conc: 12.67 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 7960709
Conc: 13.36 ng/ml



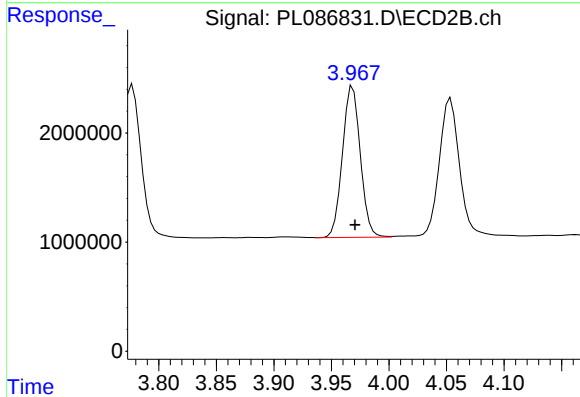
#7 delta-BHC

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 51832221
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

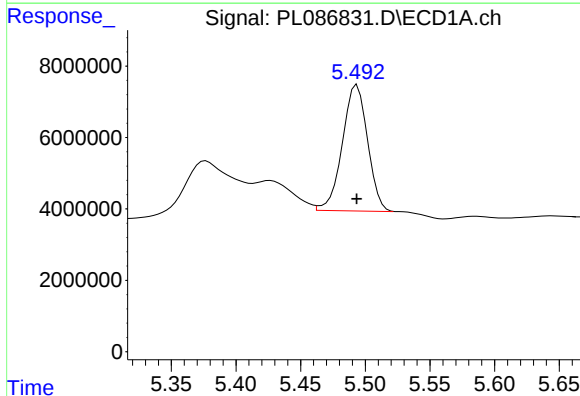
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



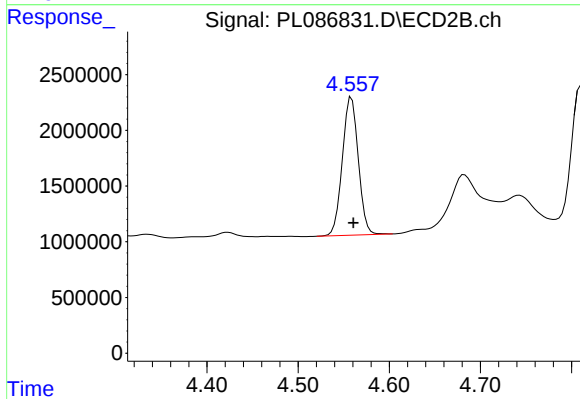
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 15006361
Conc: 11.47 ng/ml



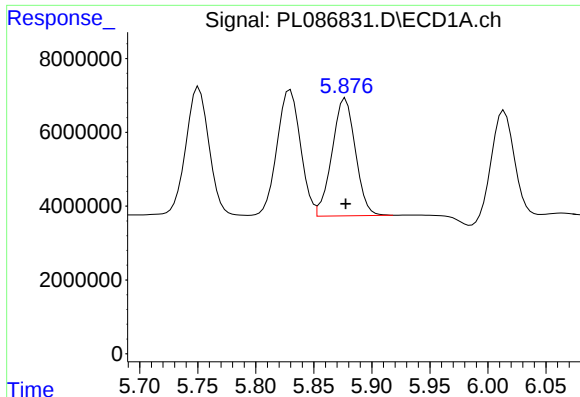
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 47773127
Conc: 12.29 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 15073806
Conc: 12.55 ng/ml



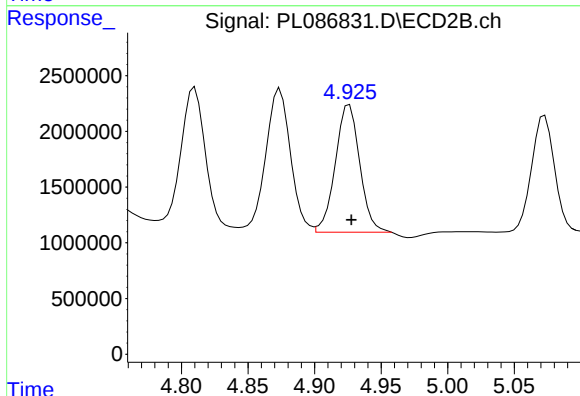
#9 Endosulfan I

R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 44431191
Conc: 11.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

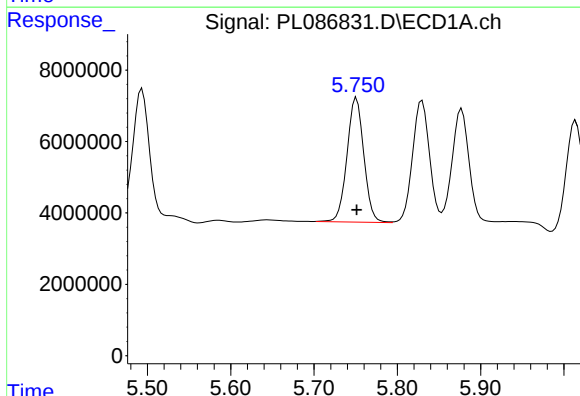
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



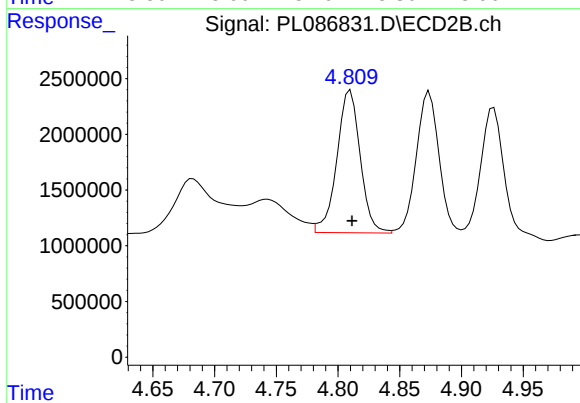
#9 Endosulfan I

R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 14603240
Conc: 12.70 ng/ml m



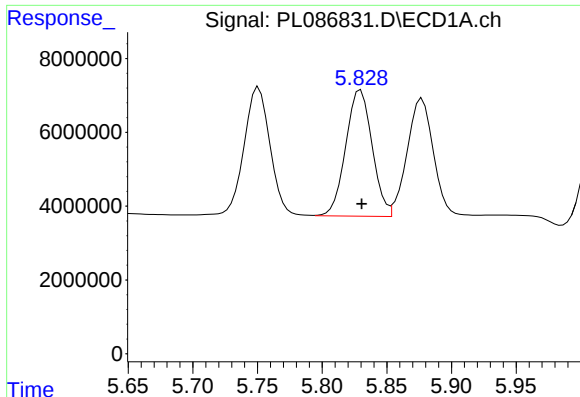
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 48871960
Conc: 11.93 ng/ml m



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 16843205
Conc: 13.65 ng/ml m



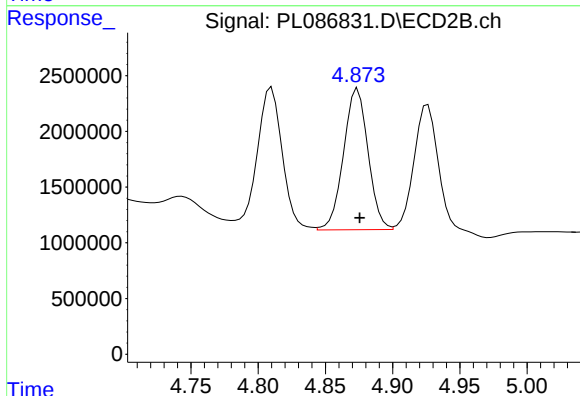
#11 alpha-Chlordane

R.T.: 5.828 min
Delta R.T.: -0.002 min
Response: 49104783
Conc: 12.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

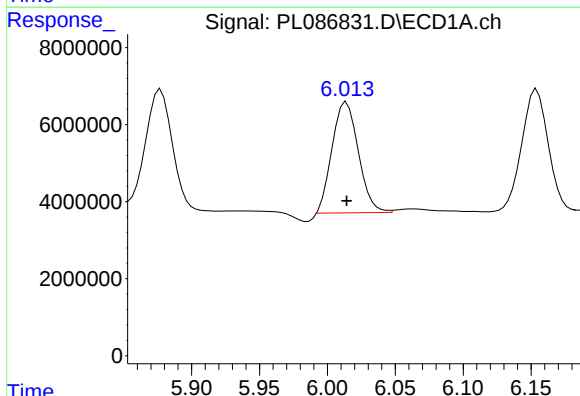
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



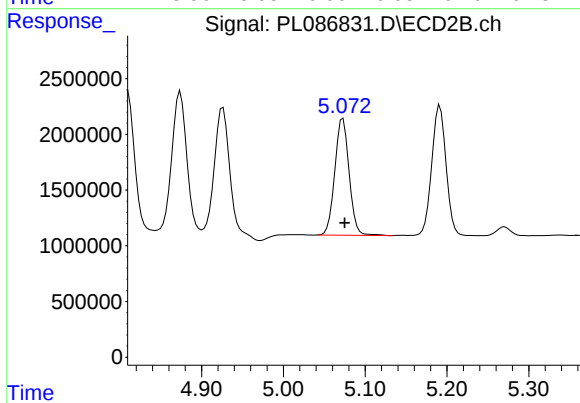
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 16124030
Conc: 12.89 ng/ml m



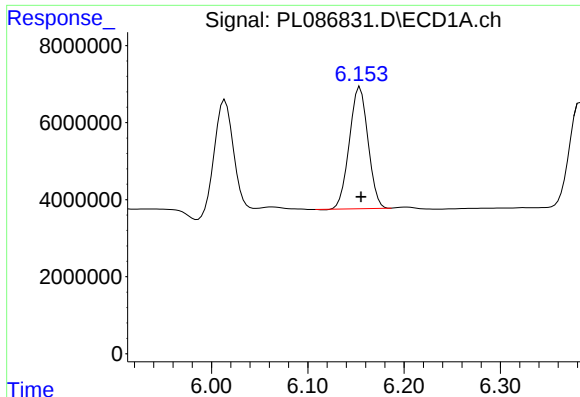
#12 4,4'-DDE

R.T.: 6.013 min
Delta R.T.: -0.002 min
Response: 38879146
Conc: 11.21 ng/ml m



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 12763491
Conc: 12.43 ng/ml



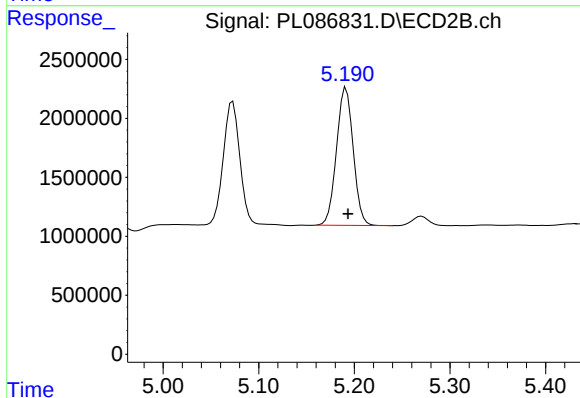
#13 Dieldrin

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 42493188
Conc: 10.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

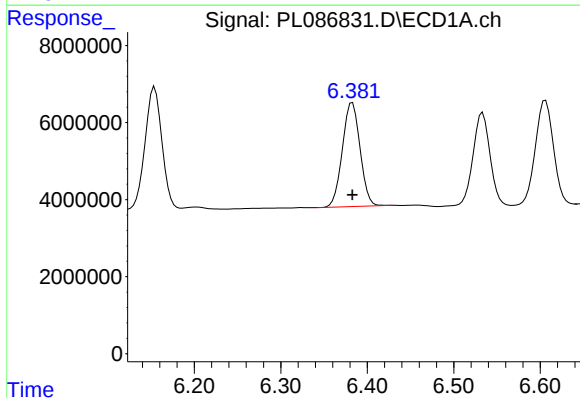
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



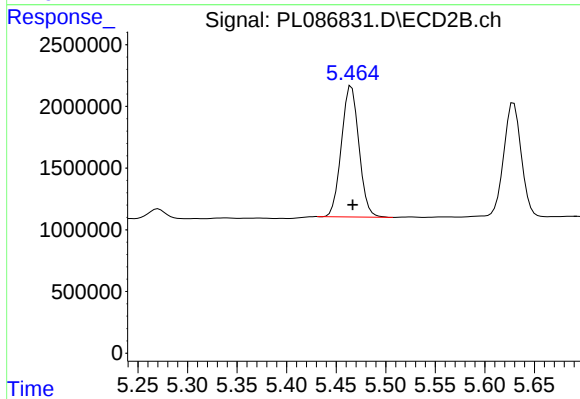
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 14161533
Conc: 11.87 ng/ml



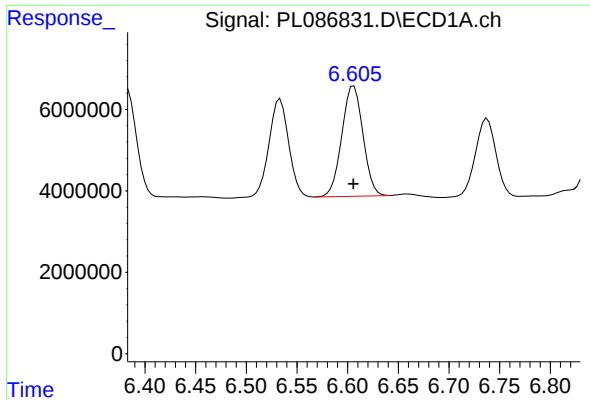
#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 38187215
Conc: 11.09 ng/ml



#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.001 min
Response: 13037628
Conc: 11.90 ng/ml



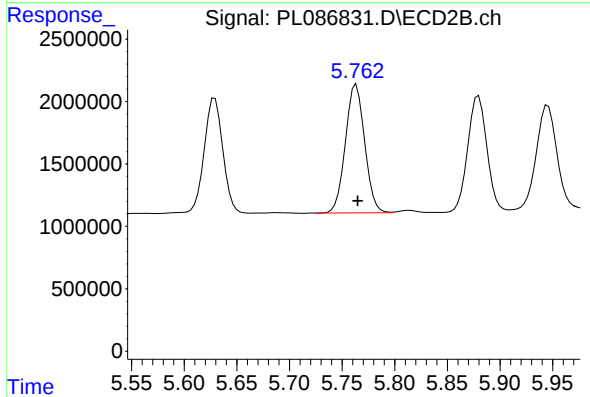
#15 Endosulfan II

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 39279668
Conc: 11.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

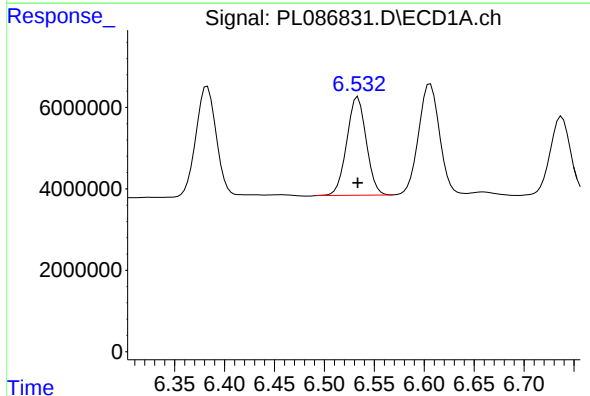
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



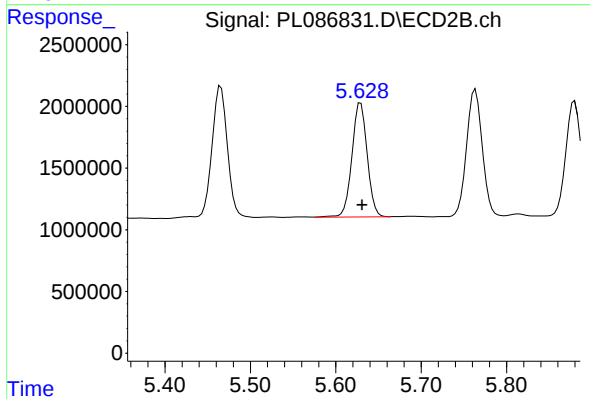
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: -0.001 min
Response: 13115797
Conc: 11.95 ng/ml



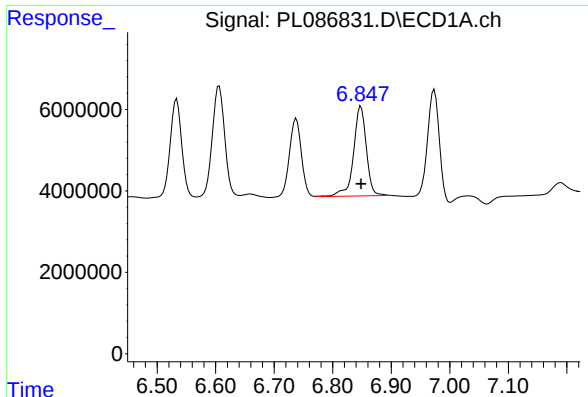
#16 4,4'-DDD

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 32858084
Conc: 12.34 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 11443761
Conc: 13.43 ng/ml



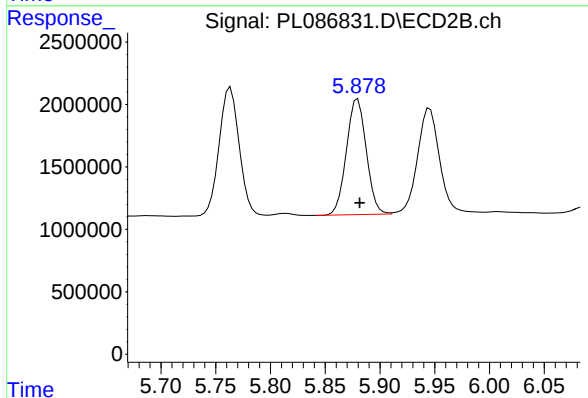
#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 33573406
Conc: 11.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

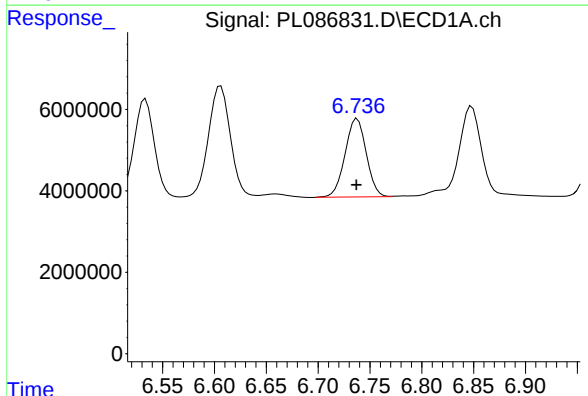
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



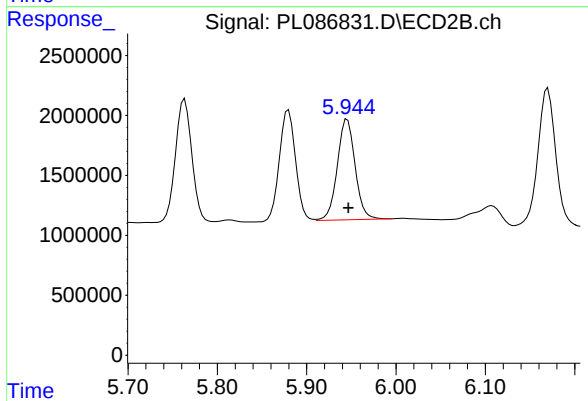
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 11709339
Conc: 11.98 ng/ml



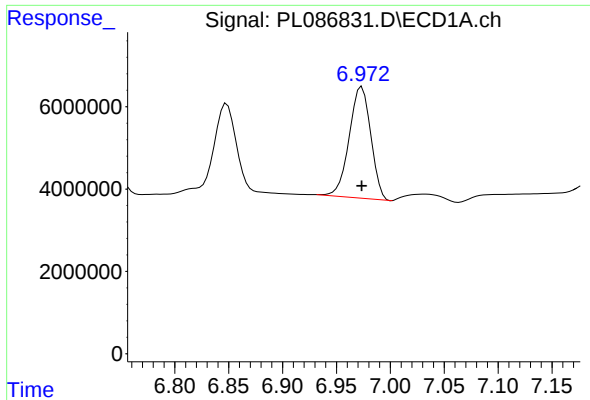
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 27403125
Conc: 10.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 11637368
Conc: 12.42 ng/ml



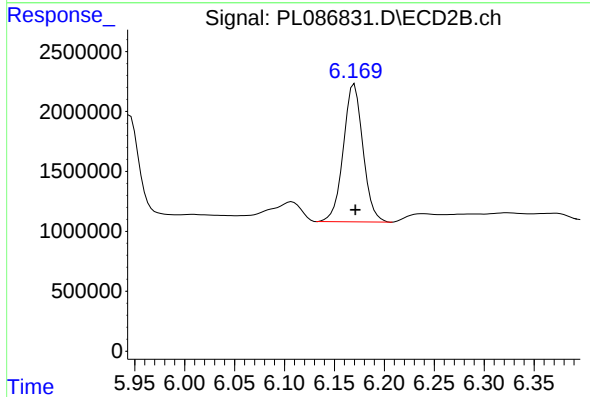
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 37768567
Conc: 11.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

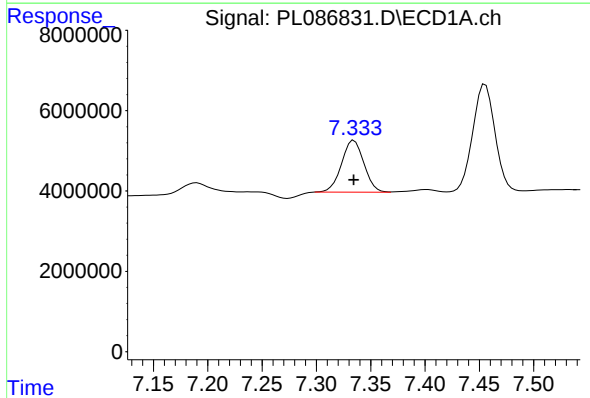
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



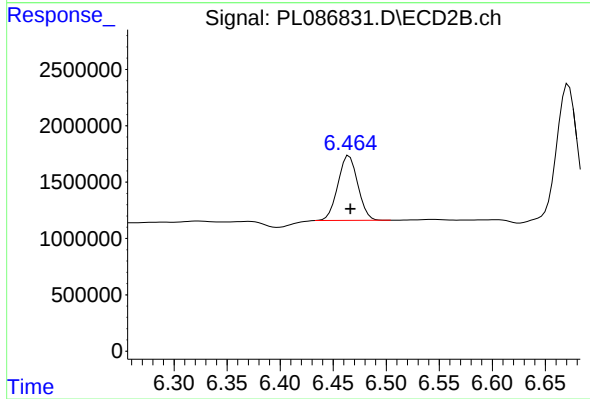
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 15710482
Conc: 14.46 ng/ml



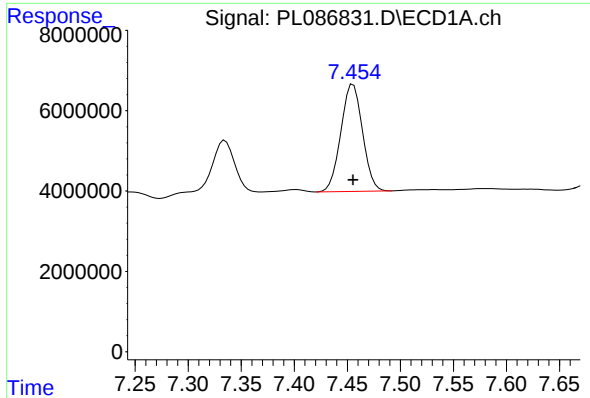
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.001 min
Response: 18467503
Conc: 11.57 ng/ml m



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 7488042
Conc: 12.52 ng/ml



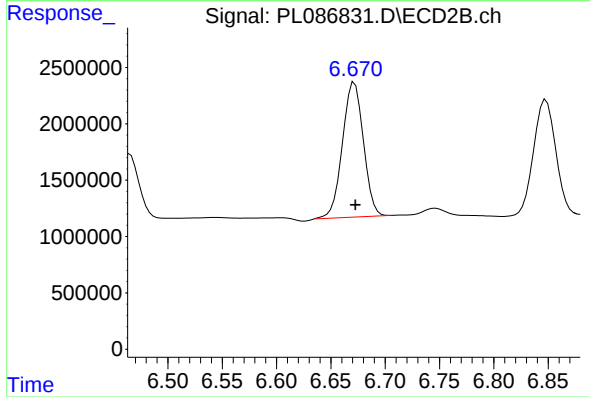
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 37835764
Conc: 11.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

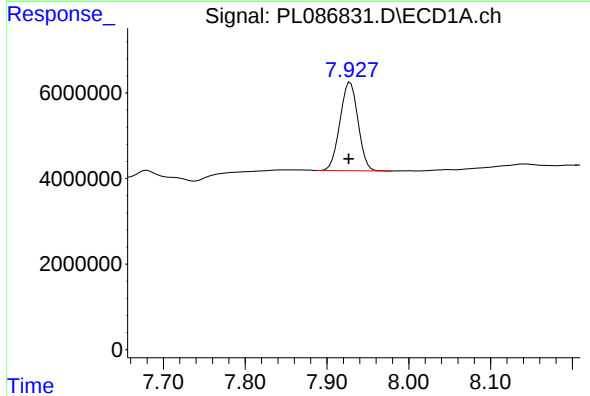
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



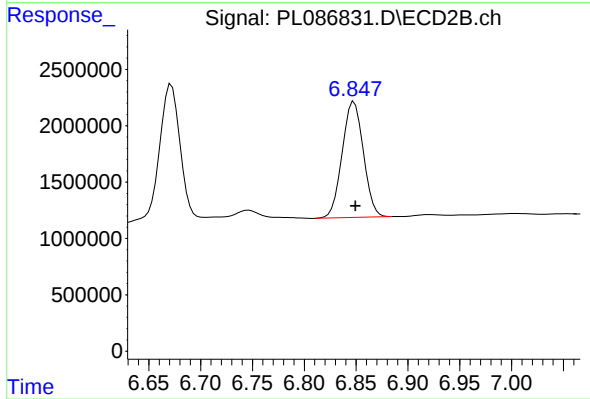
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 16056734
Conc: 12.53 ng/ml



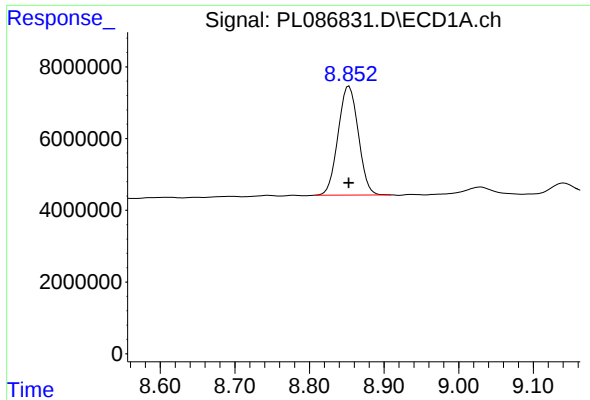
#22 Mirex

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 31523582
Conc: 11.16 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: -0.001 min
Response: 14635128
Conc: 12.87 ng/ml



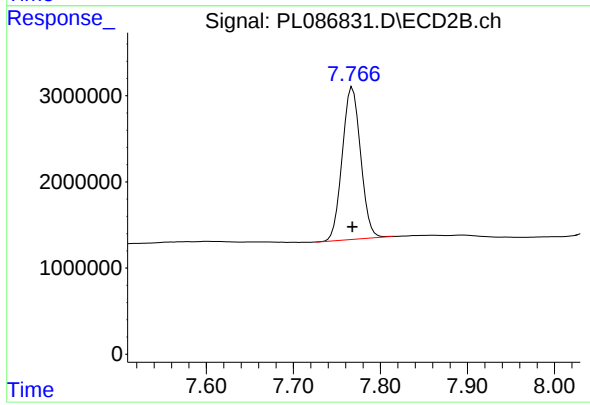
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: 0.000 min
Response: 57250715
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157398BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 25862059
Conc: 21.42 ng/ml