

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022924\
 Data File : PL088373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Feb 2024 20:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/01/2024
 Supervised By :Ankita Jodhani 03/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 00:48:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.634	2.853	129.2E6	65994891	47.027	47.055
28)	SA Decachlor...	9.298	8.081	103.6E6	61437474	53.798	48.251
Target Compounds							
2)	A alpha-BHC	4.098	3.368	197.2E6	99633531	47.232	48.488
3)	MA gamma-BHC...	4.437	3.704	189.5E6	96006518	46.798	47.943
4)	MA Heptachlor	5.037	4.052	180.6E6	89540173	46.936	49.150
5)	MB Aldrin	5.384	4.338	178.1E6	91515026	46.653	47.186
6)	B beta-BHC	4.633	4.005	82528421	41743049	47.386	46.898
7)	B delta-BHC	4.886	4.241	190.3E6	96392842	50.020	48.322
8)	B Heptachlo...	5.815	4.848	162.8E6	82761495	46.472	47.708
9)	A Endosulfan I	6.206	5.225	143.6E6	76047042	45.871	47.262
10)	B gamma-Chl...	6.074	5.101	157.6E6	83759145	46.371	46.956m
11)	B alpha-Chl...	6.155	5.168	157.4E6	83506808	46.107	46.876
12)	B 4,4'-DDE	6.329	5.361	140.9E6	75732909	46.444	47.648
13)	MA Dieldrin	6.484	5.493	152.6E6	81774407	46.423	47.395
14)	MA Endrin	6.717	5.772	118.4E6	67460907	45.541	45.120
15)	B Endosulfa...	6.937	6.070	132.2E6	70975302	46.172	46.590
16)	A 4,4'-DDD	6.852	5.923	120.5E6	66386501	46.460	48.591
17)	MA 4,4'-DDT	7.170	6.178	108.6E6	61866121	41.314	45.315
18)	B Endrin al...	7.068	6.252	98079851	54250074	47.435	49.672
19)	B Endosulfa...	7.305	6.477	123.3E6	68580035	47.323	48.831
20)	A Methoxychlor	7.650	6.761	59001045	35462561	44.572	45.247
21)	B Endrin ke...	7.797	6.990	137.3E6	83239250	49.016	49.719
22)	Mirex	8.279	7.176	104.7E6	64023481	45.196	48.869

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022924\
Data File : PL088373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Feb 2024 20:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

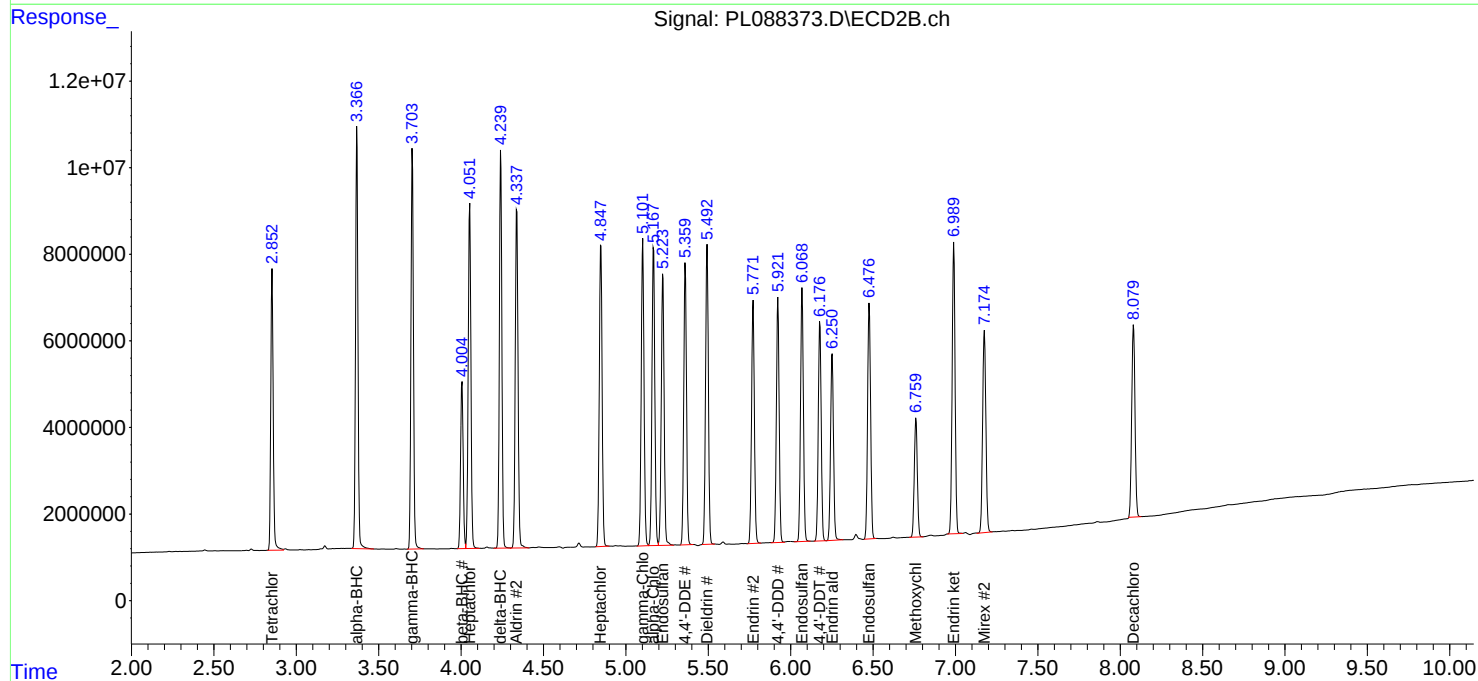
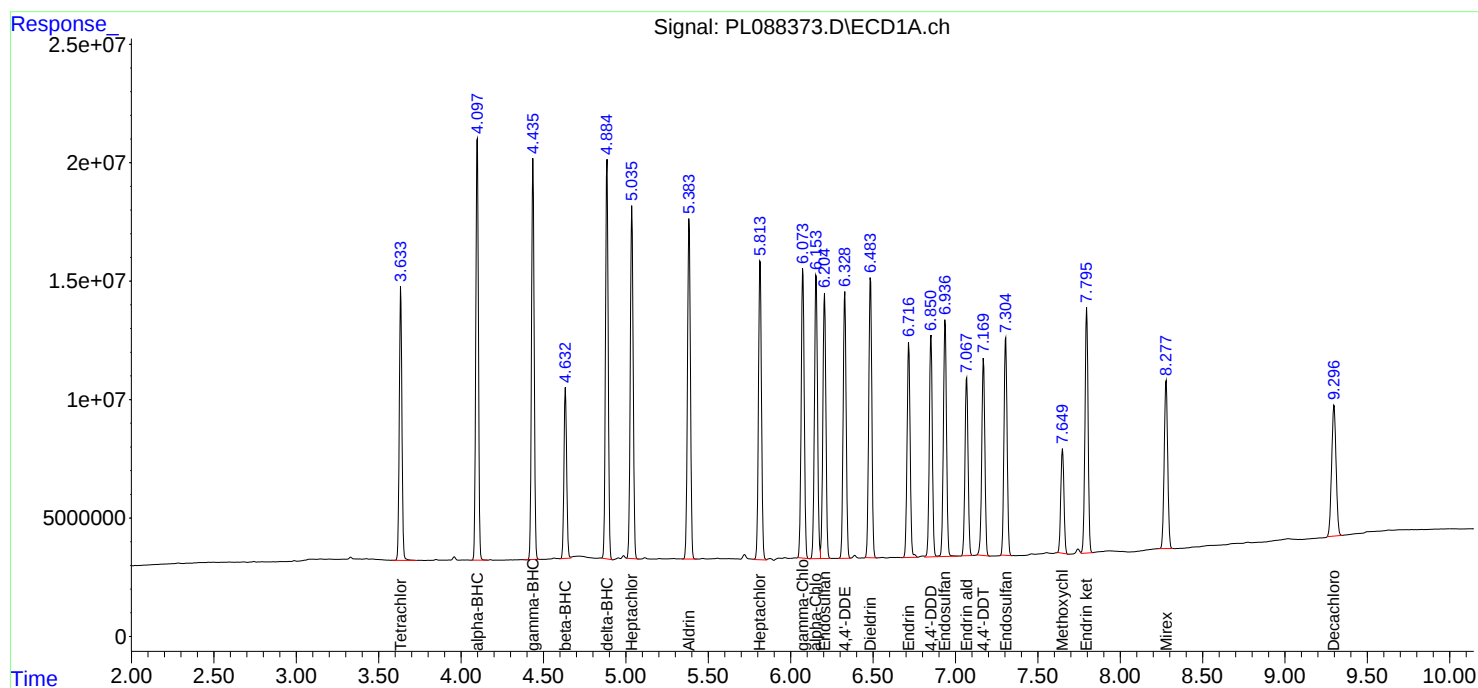
Manual Integrations

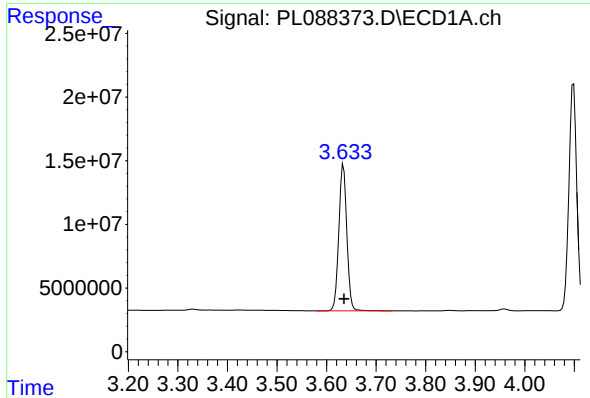
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 00:48:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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





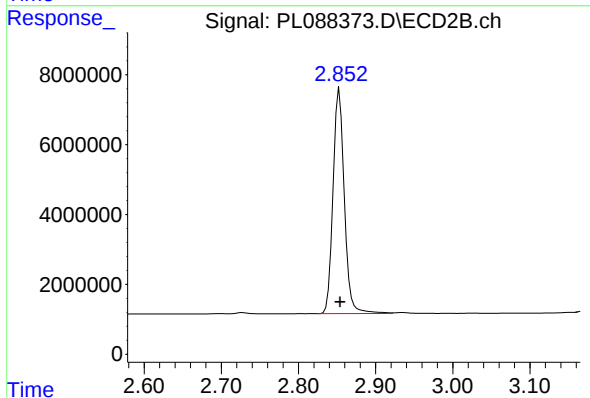
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: -0.001 min
Response: 129168448
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

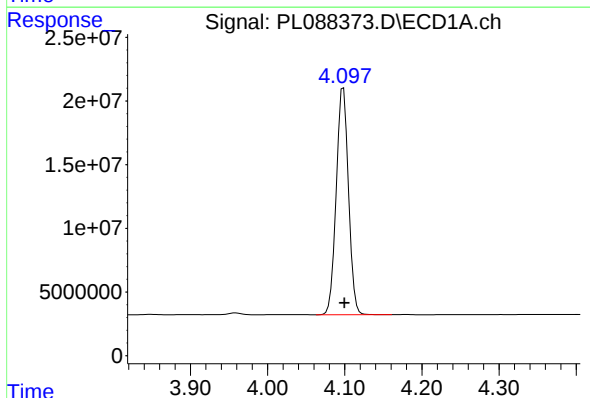
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



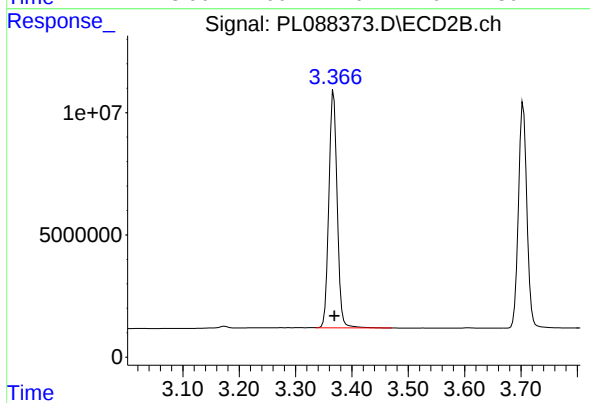
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 65994891
Conc: 47.05 ng/ml



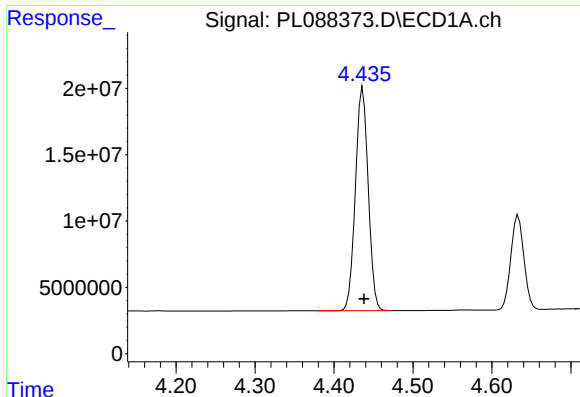
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 197156813
Conc: 47.23 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: -0.001 min
Response: 99633531
Conc: 48.49 ng/ml



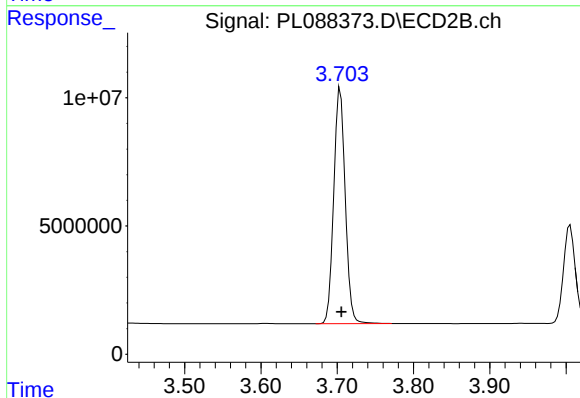
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 189509884
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

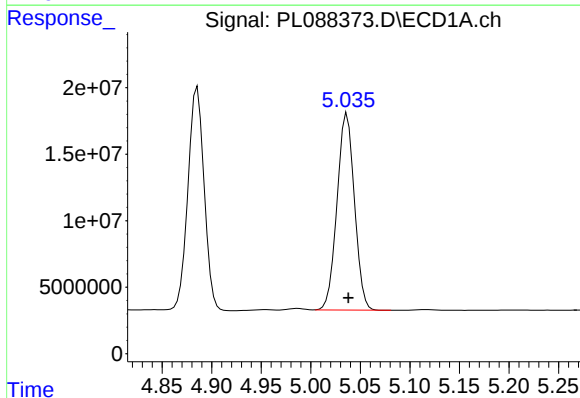
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



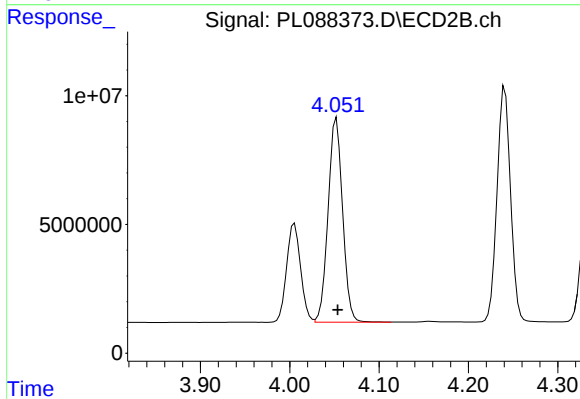
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 96006518
Conc: 47.94 ng/ml



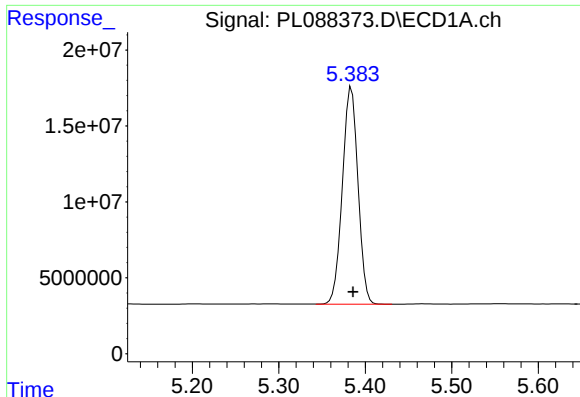
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 180623702
Conc: 46.94 ng/ml



#4 Heptachlor

R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 89540173
Conc: 49.15 ng/ml



#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 178138018
Conc: 46.65 ng/ml

Instrument :

ECD_L

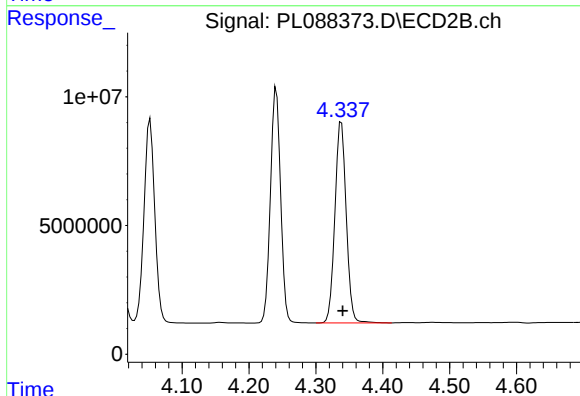
ClientSampleId :

PSTDCCC050

Manual Integrations

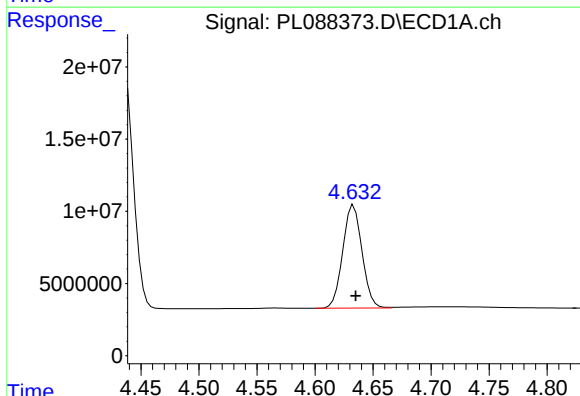
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



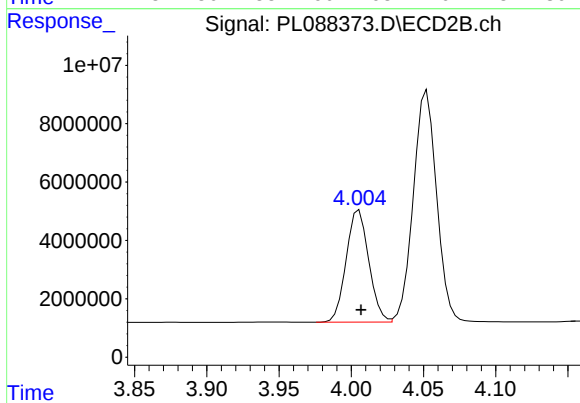
#5 Aldrin

R.T.: 4.338 min
Delta R.T.: -0.002 min
Response: 91515026
Conc: 47.19 ng/ml



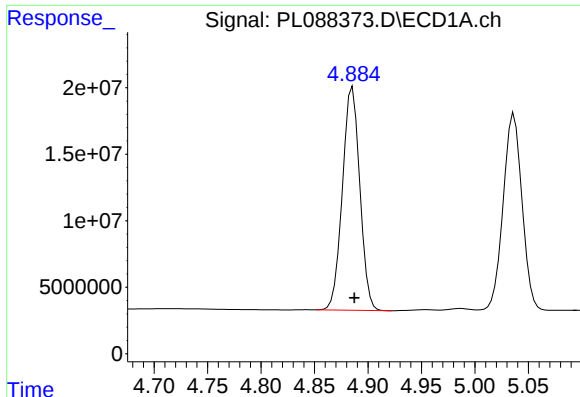
#6 beta-BHC

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 82528421
Conc: 47.39 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 41743049
Conc: 46.90 ng/ml



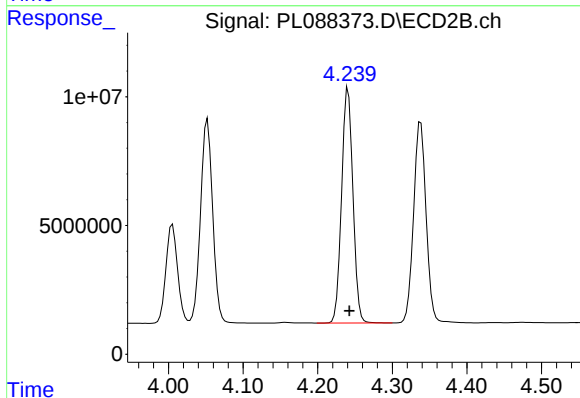
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 190312914
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

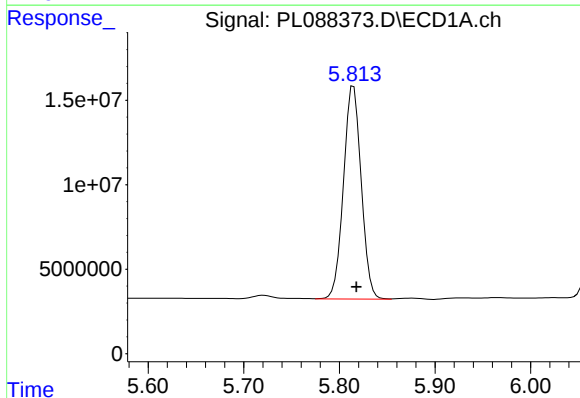
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



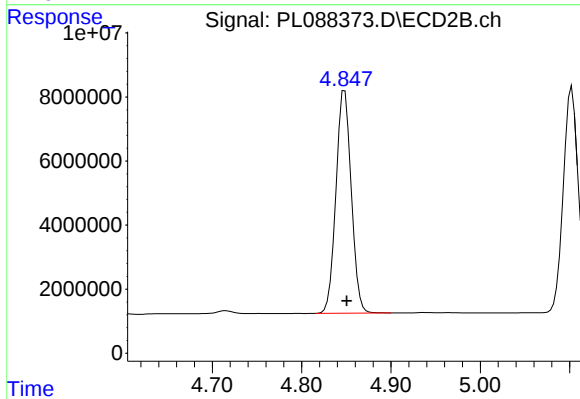
#7 delta-BHC

R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 96392842
Conc: 48.32 ng/ml



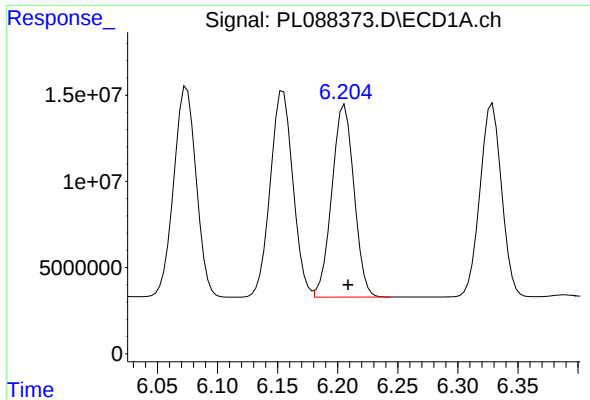
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 162820130
Conc: 46.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: -0.002 min
Response: 82761495
Conc: 47.71 ng/ml



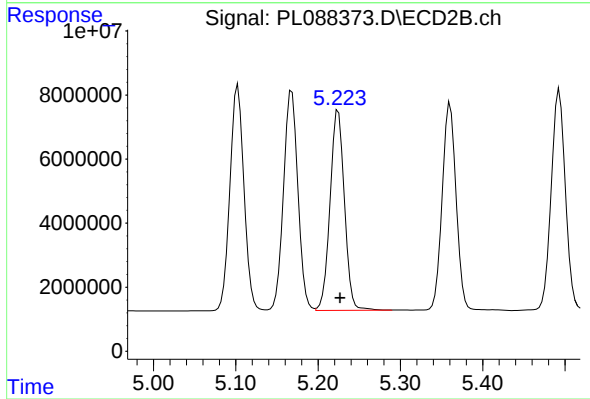
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 143571605
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

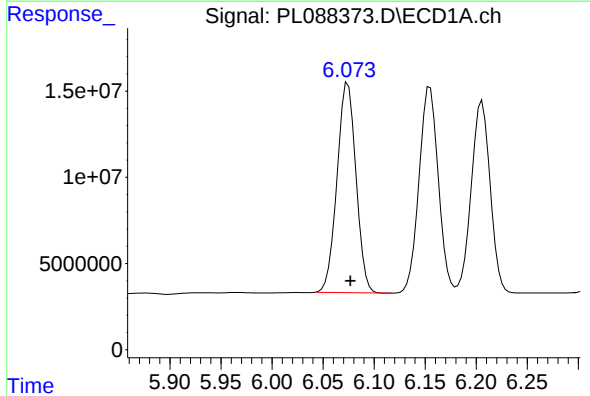
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



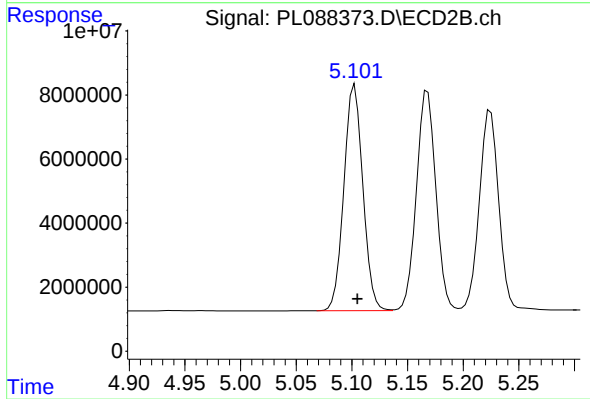
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 76047042
Conc: 47.26 ng/ml



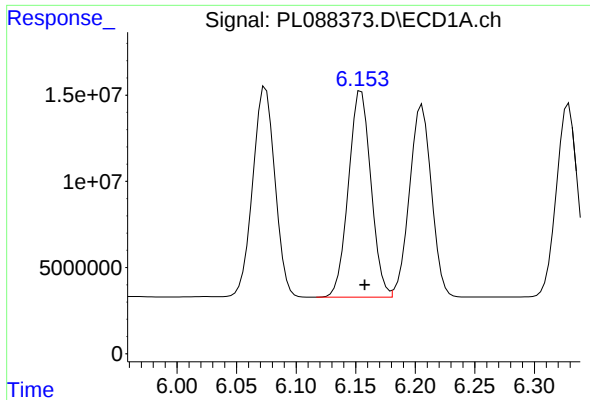
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 157583827
Conc: 46.37 ng/ml



#10 gamma-Chlordane

R.T.: 5.101 min
Delta R.T.: -0.004 min
Response: 83759145
Conc: 46.96 ng/ml m



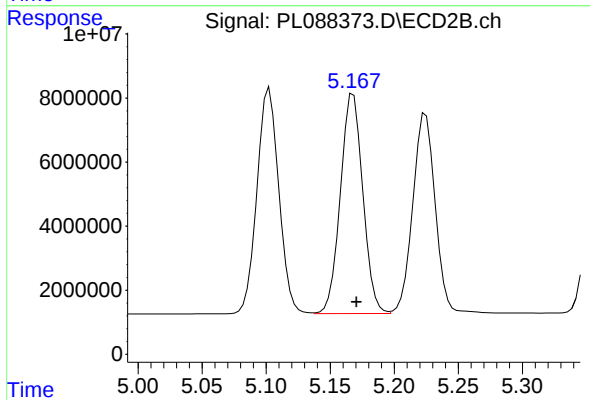
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 157350845
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

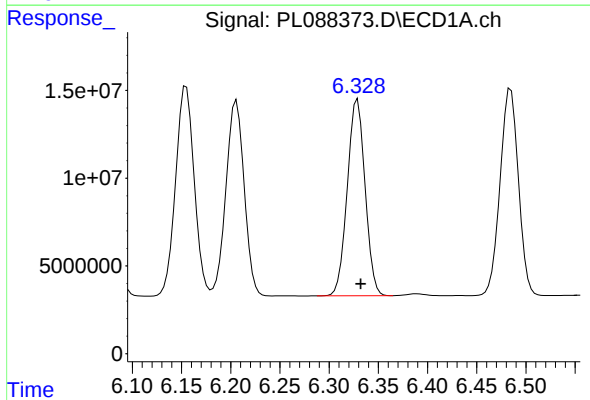
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



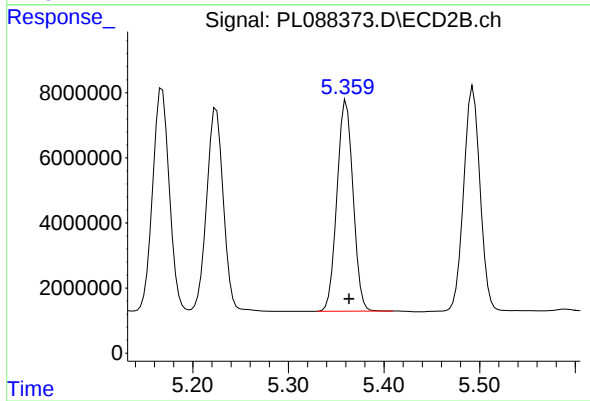
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 83506808
Conc: 46.88 ng/ml



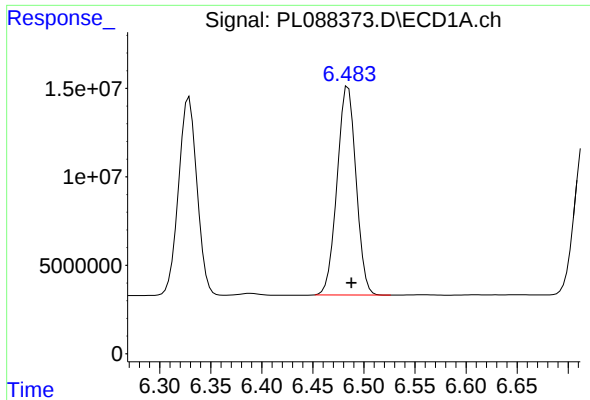
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 140855779
Conc: 46.44 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 75732909
Conc: 47.65 ng/ml



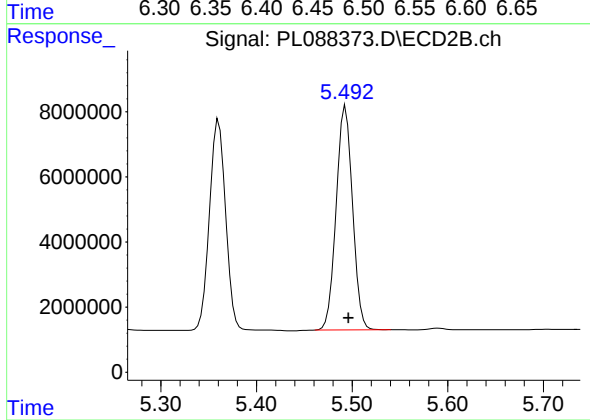
#13 Dieldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 152644085
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

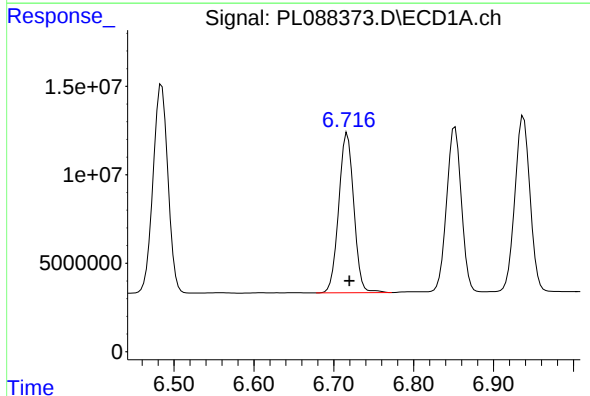
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



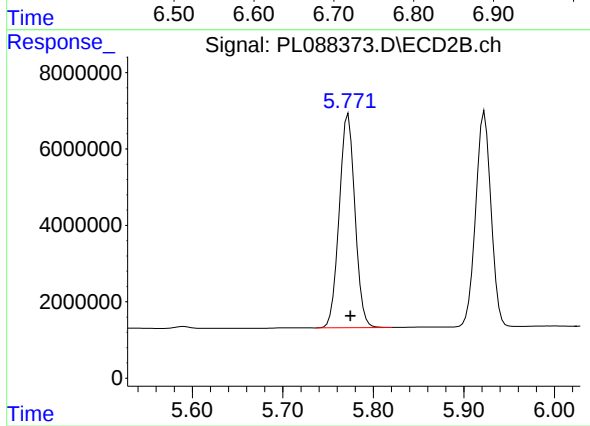
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: -0.003 min
Response: 81774407
Conc: 47.40 ng/ml



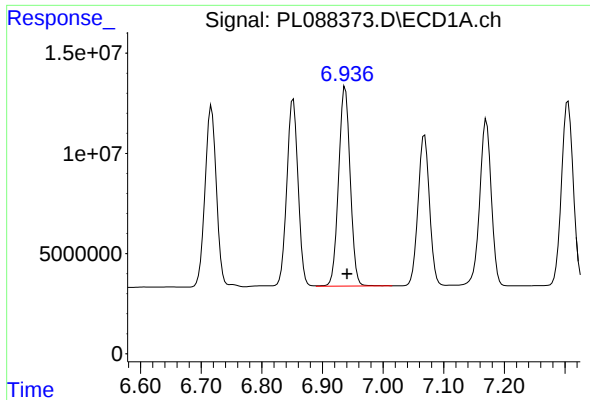
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.003 min
Response: 118435082
Conc: 45.54 ng/ml



#14 Endrin

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 67460907
Conc: 45.12 ng/ml



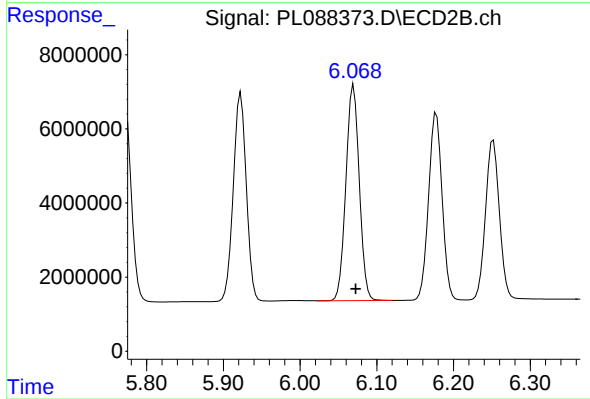
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 132232510
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

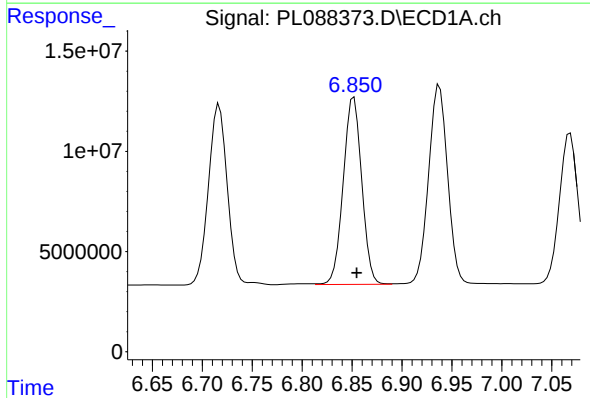
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



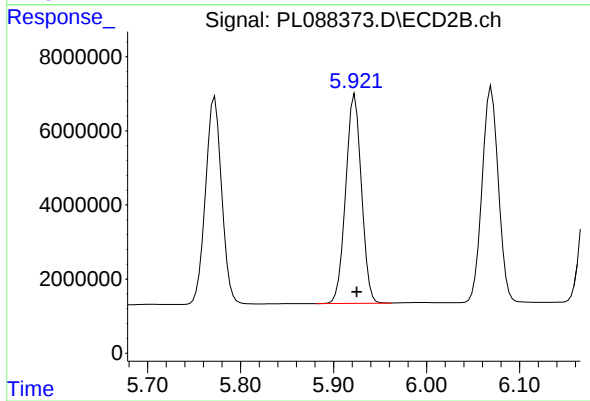
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 70975302
Conc: 46.59 ng/ml



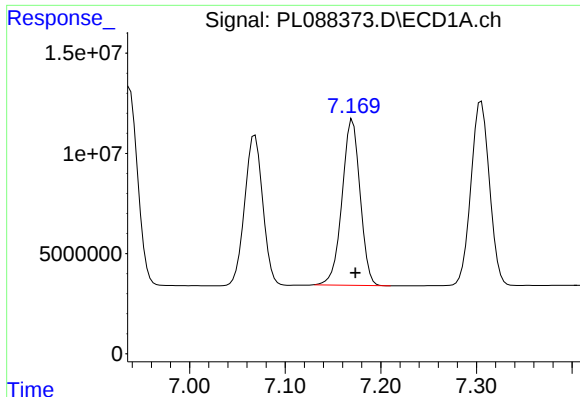
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 120503985
Conc: 46.46 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 66386501
Conc: 48.59 ng/ml



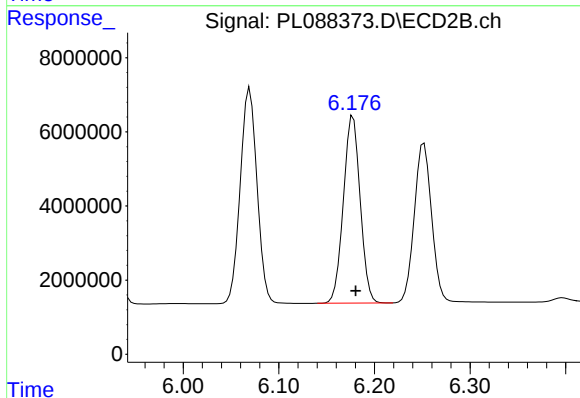
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 108622131
Conc: 41.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

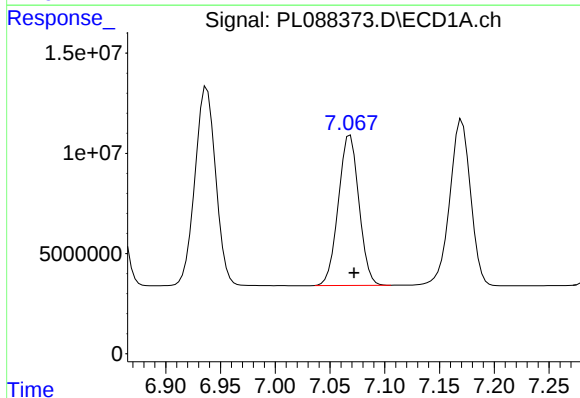
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



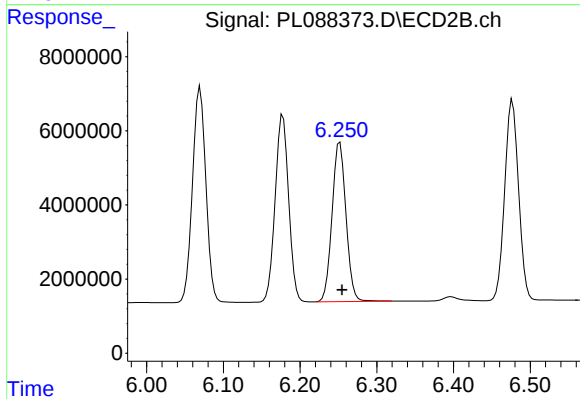
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 61866121
Conc: 45.32 ng/ml



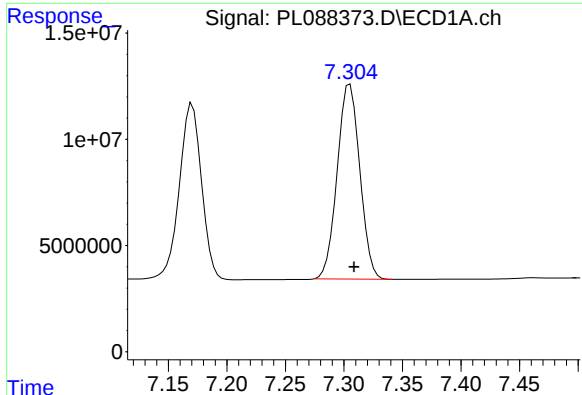
#18 Endrin aldehyde

R.T.: 7.068 min
Delta R.T.: -0.004 min
Response: 98079851
Conc: 47.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 54250074
Conc: 49.67 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.305 min
Delta R.T.: -0.004 min
Response: 123284832
Conc: 47.32 ng/ml

Instrument :

ECD_L

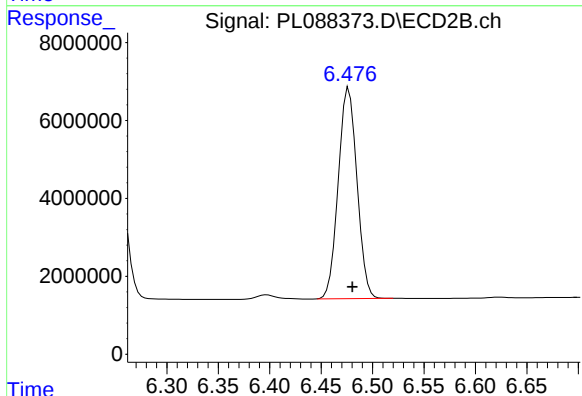
ClientSampleId :

PSTDCCC050

Manual Integrations

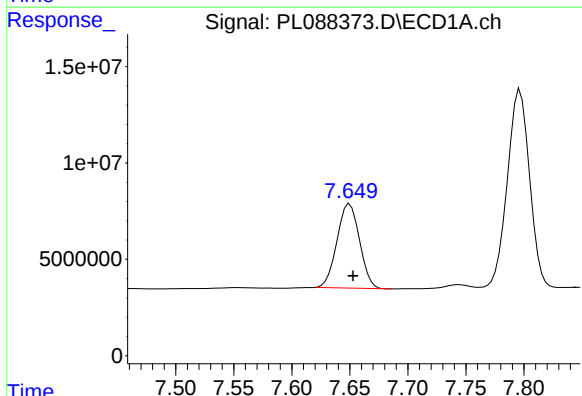
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



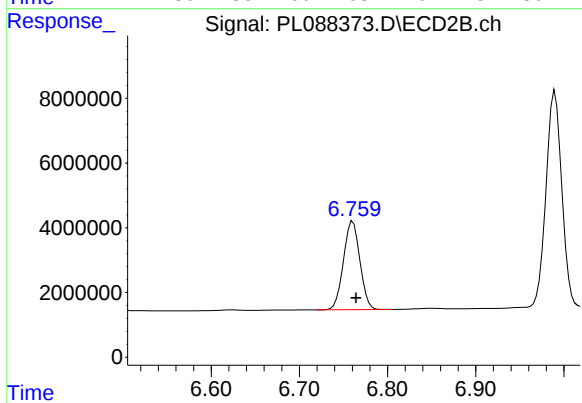
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 68580035
Conc: 48.83 ng/ml



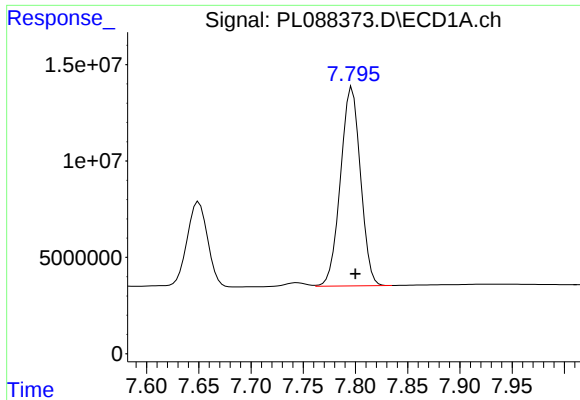
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 59001045
Conc: 44.57 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 35462561
Conc: 45.25 ng/ml



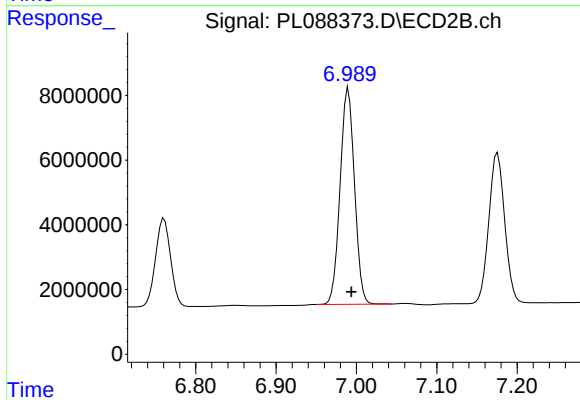
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 137300918
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

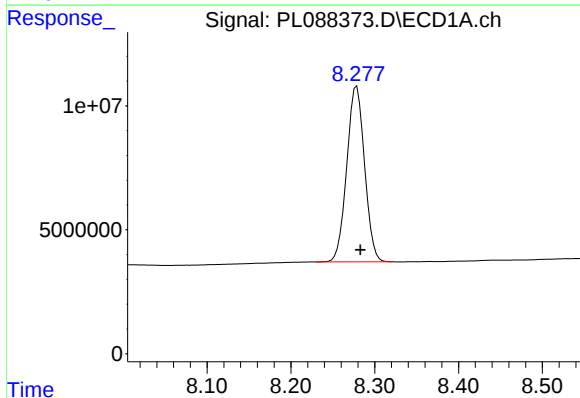
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



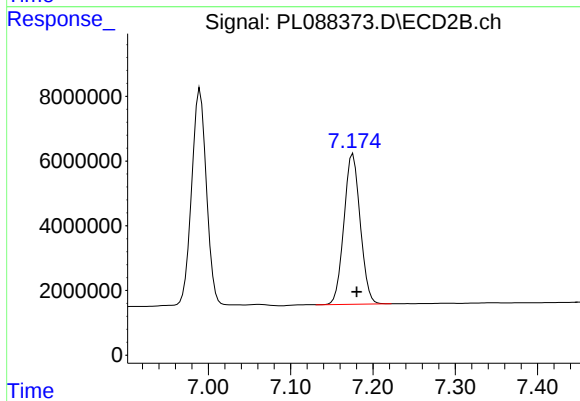
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.004 min
Response: 83239250
Conc: 49.72 ng/ml



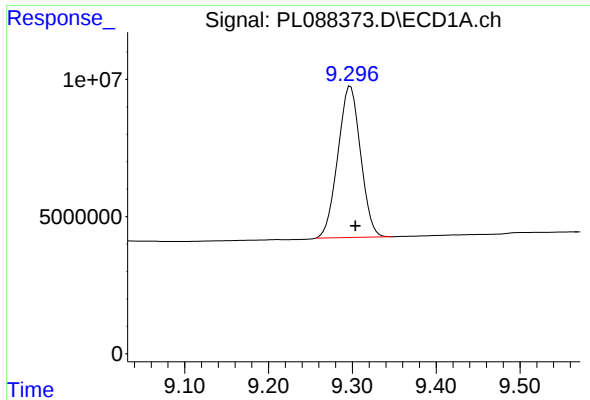
#22 Mirex

R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 104726242
Conc: 45.20 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 64023481
Conc: 48.87 ng/ml



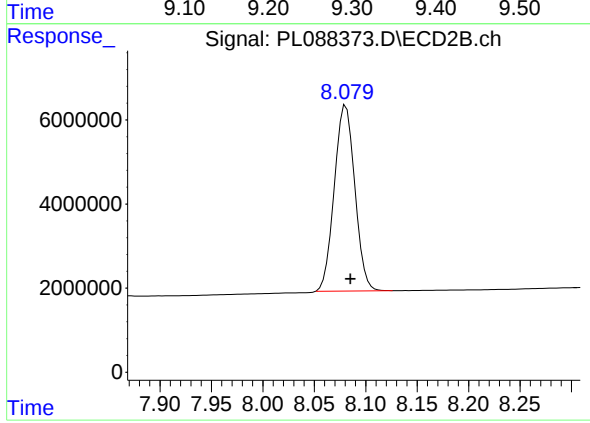
#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.006 min
Response: 103611299
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2024
Supervised By :Ankita Jodhani 03/01/2024



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 61437474
Conc: 48.25 ng/ml