

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102624\
 Data File : PL092642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2024 17:35
 Operator : AR\AJ
 Sample : PB164360BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164360BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 22:41:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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...	3.546	2.778	42313207	45159243	15.707	16.259m
28)	SA Decachlor...	9.064	7.921	35901416	51282928	17.675	19.462
Target Compounds							
2)	A alpha-BHC	4.003	3.283	163.4E6	197.6E6	39.640	45.802
3)	MA gamma-BHC...	4.334	3.613	157.0E6	191.7E6	40.806m	46.542
4)	MA Heptachlor	4.923	3.952	145.6E6	191.5E6	41.058m	47.677
5)	MB Aldrin	5.264	4.232	143.4E6	184.9E6	38.975m	46.510
6)	B beta-BHC	4.533	3.913	69532257	83079755	44.792	47.584
7)	B delta-BHC	4.778	4.142	155.5E6	194.5E6	41.341m	46.230
8)	B Heptachlo...	5.692	4.735	135.2E6	172.3E6	40.702	48.894
9)	A Endosulfan I	6.078	5.105	122.6E6	157.1E6	40.594	49.370
10)	B gamma-Chl...	5.948	4.984	132.1E6	172.3E6	40.075	46.844
11)	B alpha-Chl...	6.027	5.049	130.4E6	170.1E6	40.035	47.855
12)	B 4,4'-DDE	6.200	5.238	117.7E6	166.7E6	39.697	47.942
13)	MA Dieldrin	6.352	5.369	129.8E6	173.0E6	39.918	47.327
14)	MA Endrin	6.582	5.645	109.0E6	151.8E6	38.589	46.361
15)	B Endosulfa...	6.801	5.940	115.7E6	147.4E6	40.874	47.142
16)	A 4,4'-DDD	6.717	5.793	99520319	133.1E6	41.193	47.919
17)	MA 4,4'-DDT	7.031	6.043	101.5E6	136.4E6	41.171	46.454
18)	B Endrin al...	6.931	6.119	92358191	117.8E6	43.237	47.941
19)	B Endosulfa...	7.166	6.341	107.0E6	140.0E6	42.336	47.372
20)	A Methoxychlor	7.505	6.618	55812964	73254812	47.391m	51.665
21)	B Endrin ke...	7.651	6.847	120.3E6	159.8E6	43.739	49.744
22)	Mirex	8.124	7.026	94719587	131.2E6	45.394	50.195m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102624\
Data File : PL092642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 17:35
Operator : AR\AJ
Sample : PB164360BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164360BS

Manual Integrations

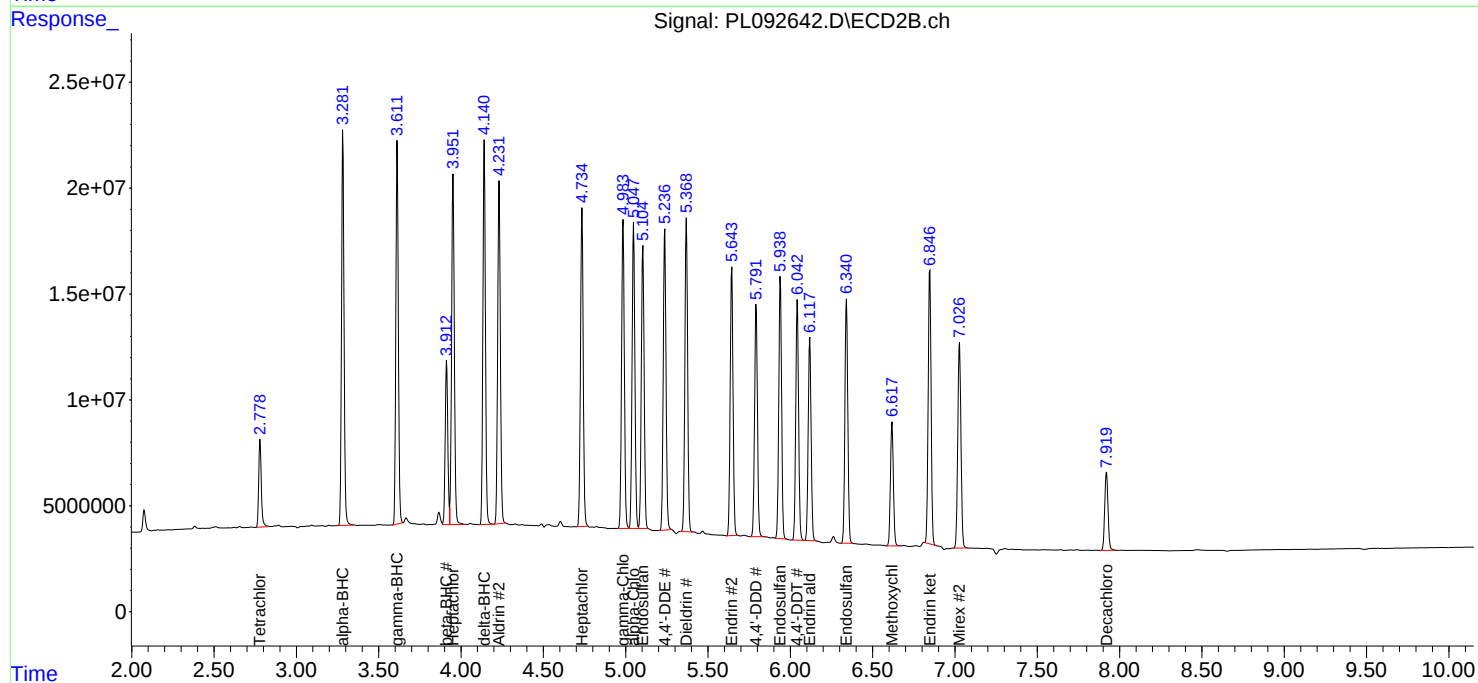
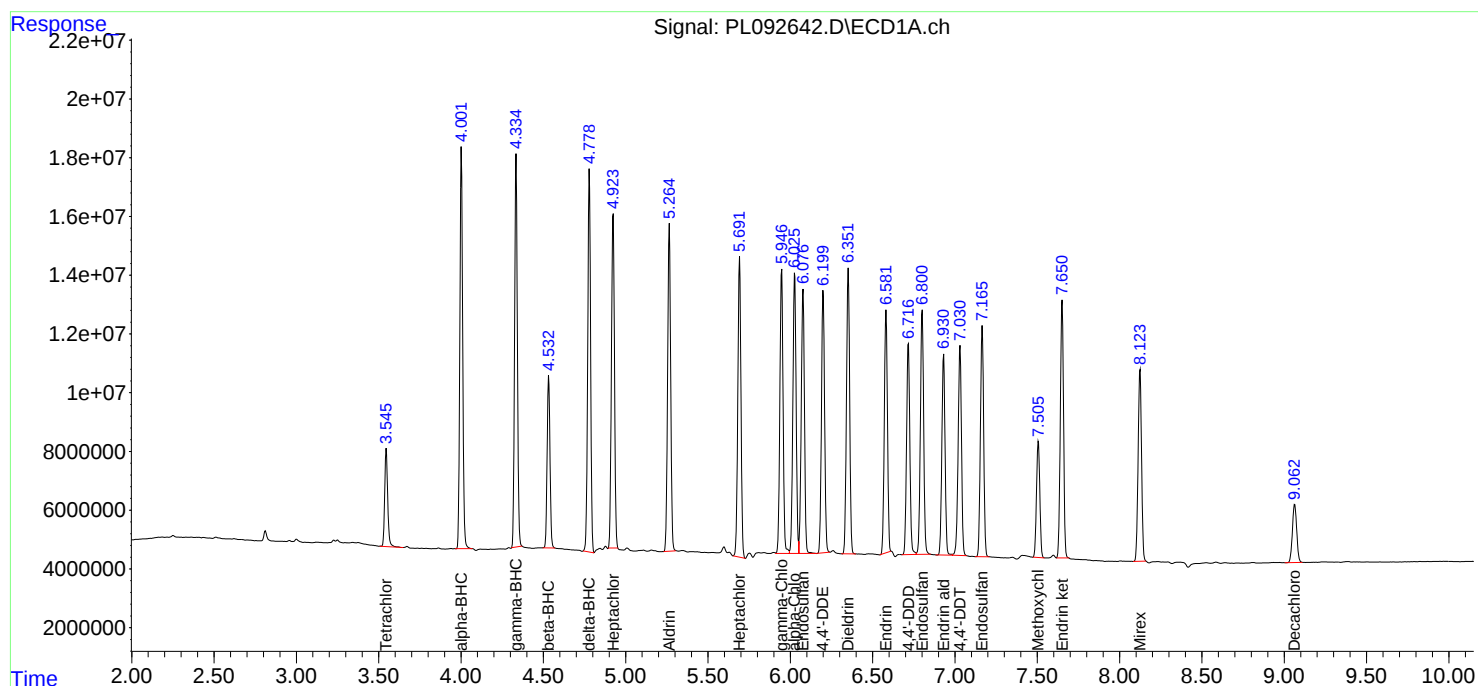
APPROVED

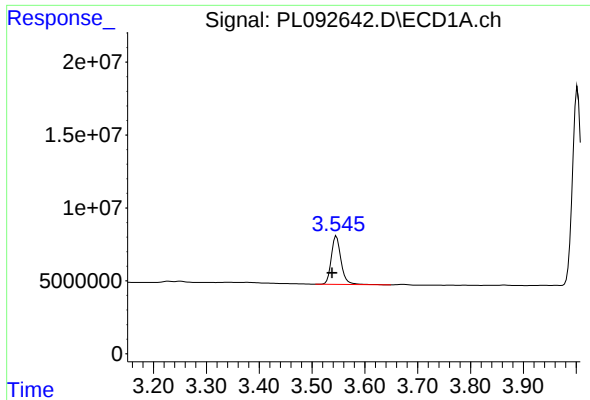
Reviewed By :Abdul Mirza 10/28/2024

Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 22:41:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 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





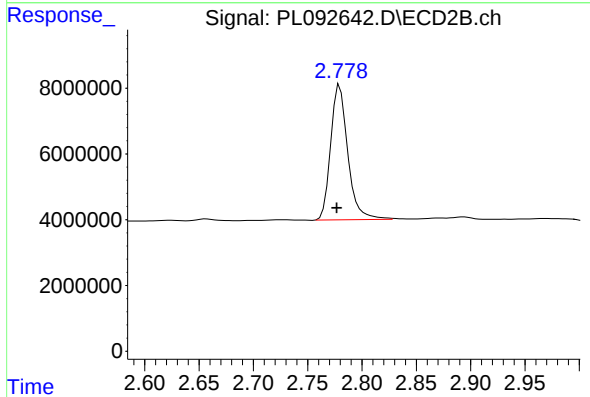
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.008 min
Response: 42313207
Conc: 15.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

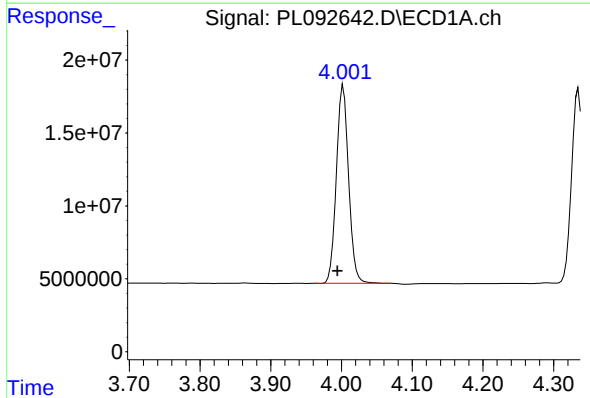
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



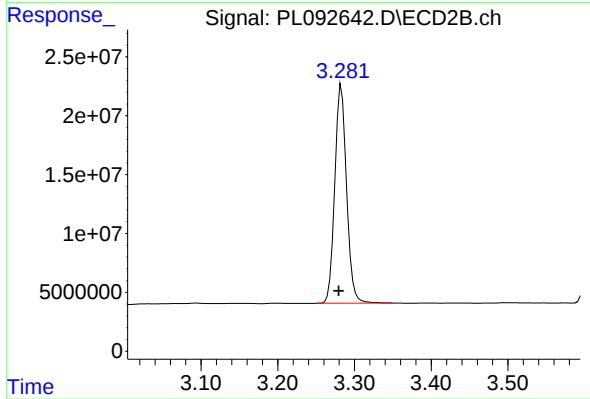
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.001 min
Response: 45159243
Conc: 16.26 ng/ml m



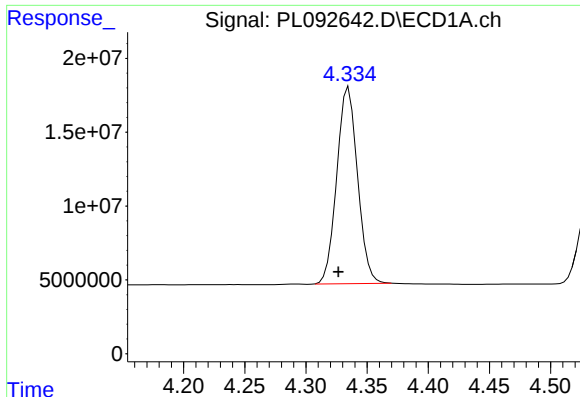
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.009 min
Response: 163364371
Conc: 39.64 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: 0.003 min
Response: 197640917
Conc: 45.80 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.007 min
Response: 156971606
Conc: 40.81 ng/ml

Instrument :

ECD_L

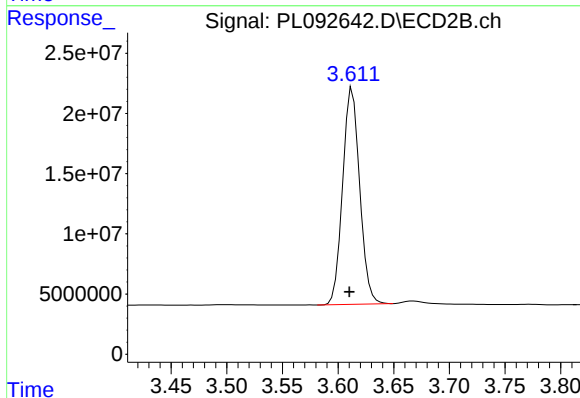
ClientSampleId :

PB164360BS

Manual Integrations

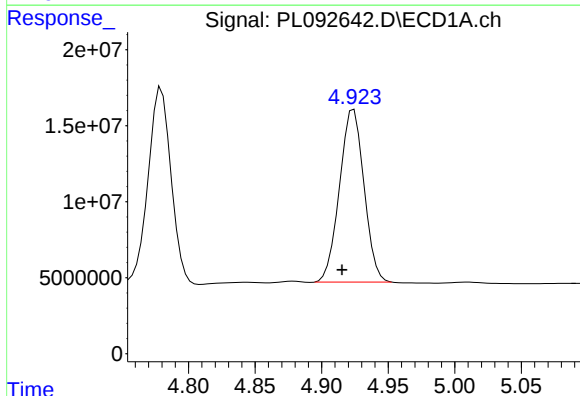
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



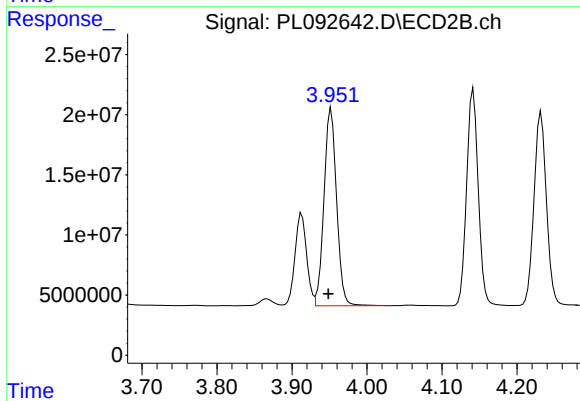
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: 0.003 min
Response: 191662445
Conc: 46.54 ng/ml



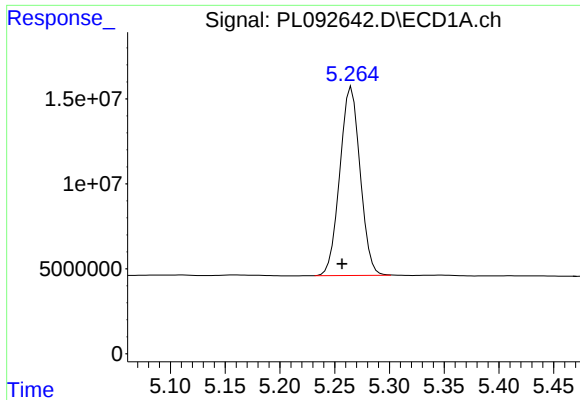
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.007 min
Response: 145578688
Conc: 41.06 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: 0.003 min
Response: 191461458
Conc: 47.68 ng/ml



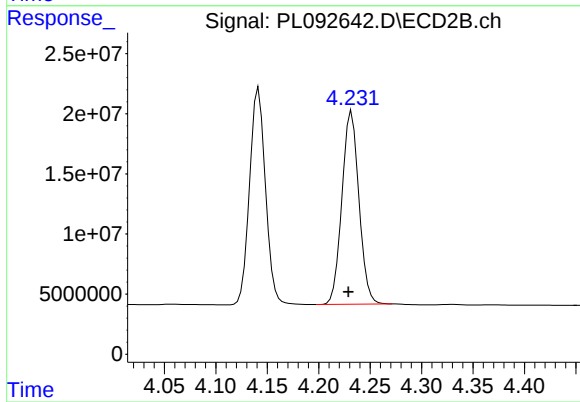
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.007 min
Response: 143376909
Conc: 38.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

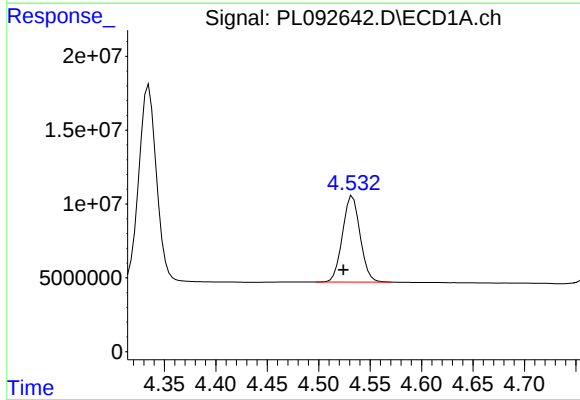
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



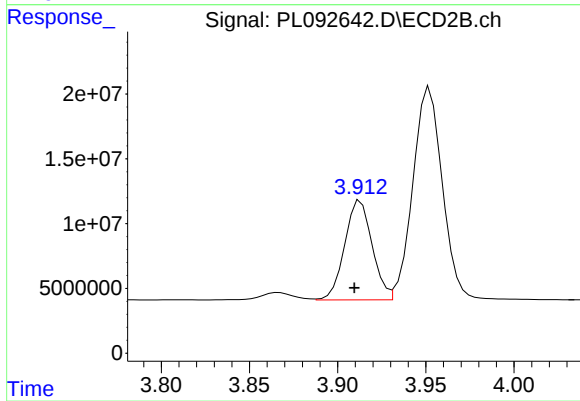
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: 0.003 min
Response: 184901784
Conc: 46.51 ng/ml



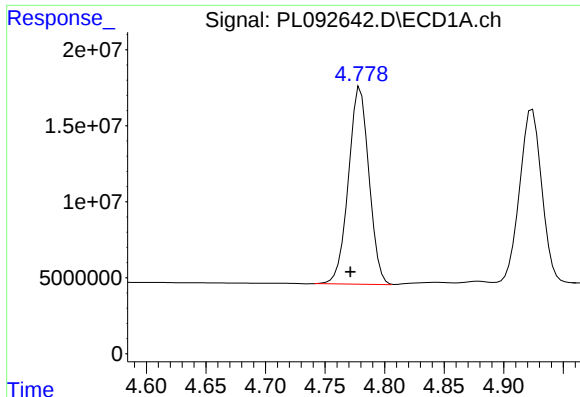
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.009 min
Response: 69532257
Conc: 44.79 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: 0.003 min
Response: 83079755
Conc: 47.58 ng/ml



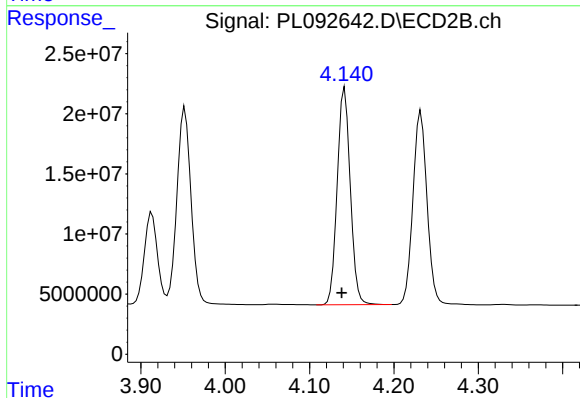
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.007 min
Response: 155527417
Conc: 41.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

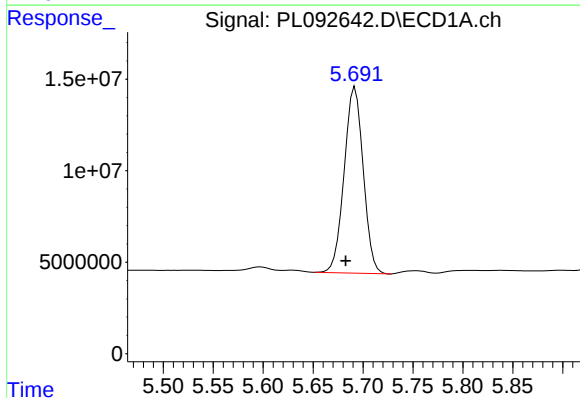
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



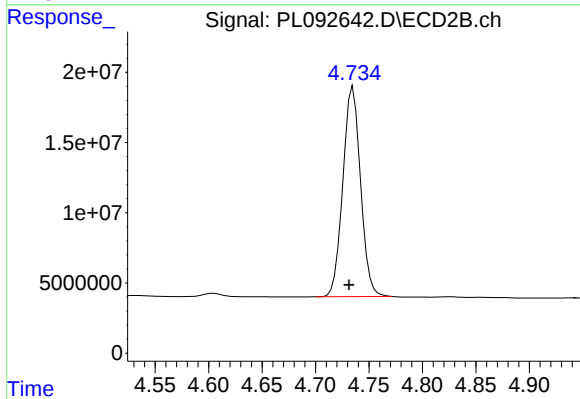
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: 0.003 min
Response: 194453625
Conc: 46.23 ng/ml



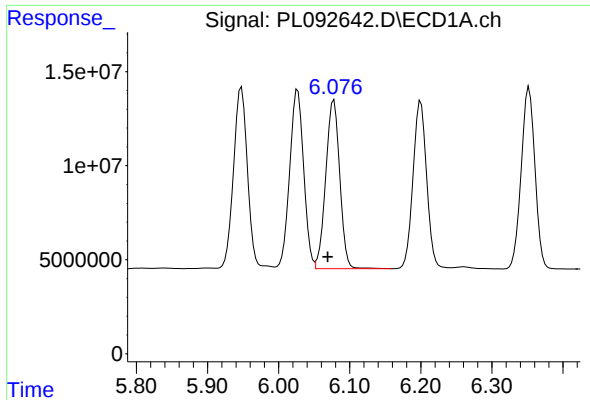
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.009 min
Response: 135162284
Conc: 40.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: 0.004 min
Response: 172279181
Conc: 48.89 ng/ml



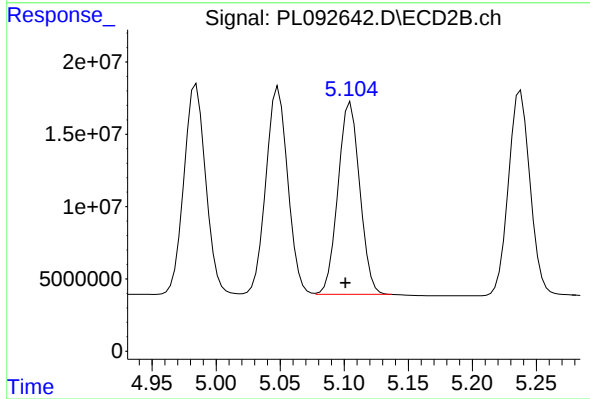
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.009 min
Response: 122568500
Conc: 40.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

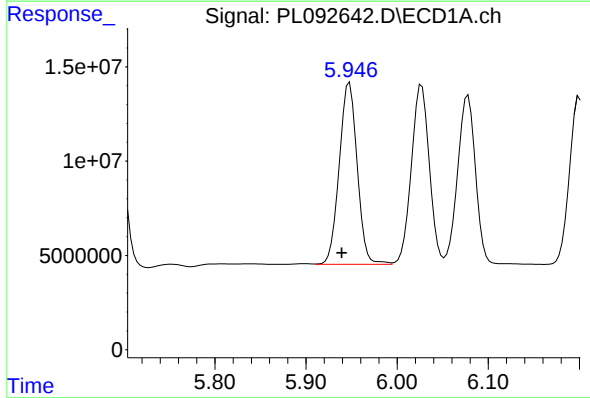
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



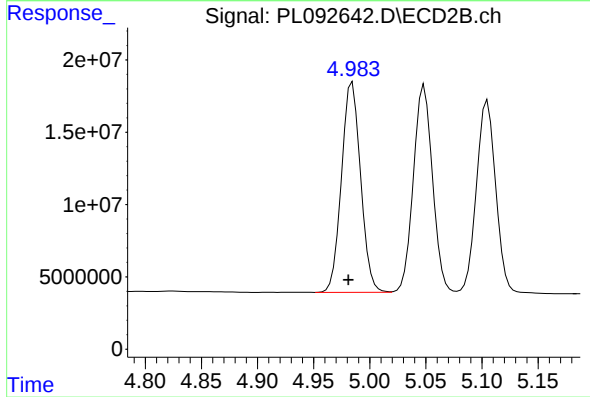
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: 0.004 min
Response: 157146040
Conc: 49.37 ng/ml



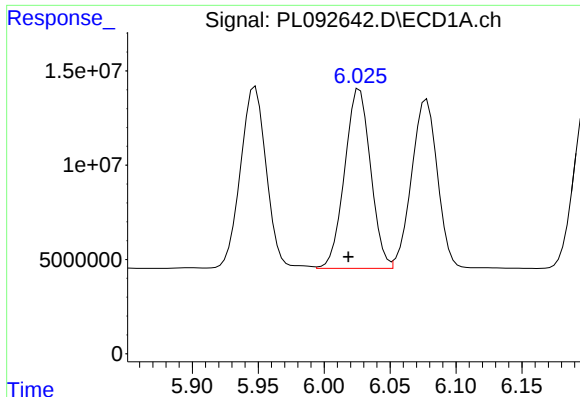
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.008 min
Response: 132127944
Conc: 40.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.004 min
Response: 172348221
Conc: 46.84 ng/ml



#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.009 min
Response: 130369826
Conc: 40.03 ng/ml

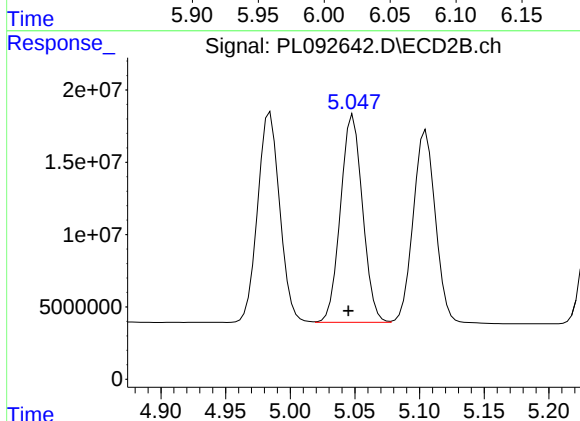
Instrument :

ECD_L

ClientSampleId :
PB164360BS

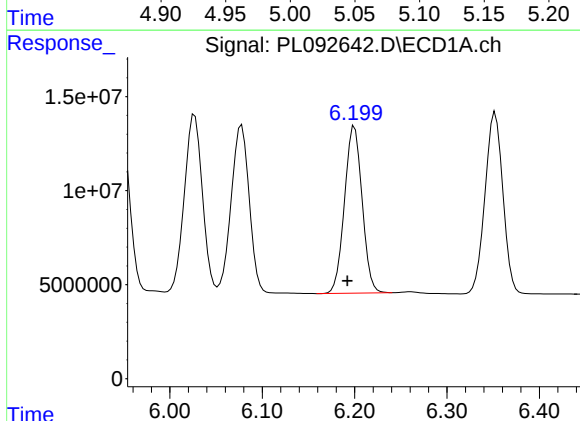
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



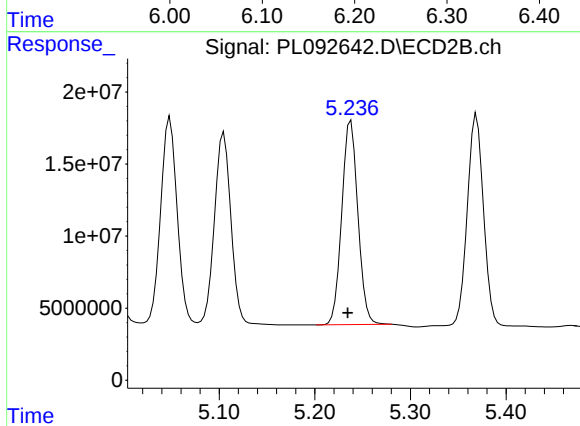
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: 0.004 min
Response: 170079261
Conc: 47.86 ng/ml



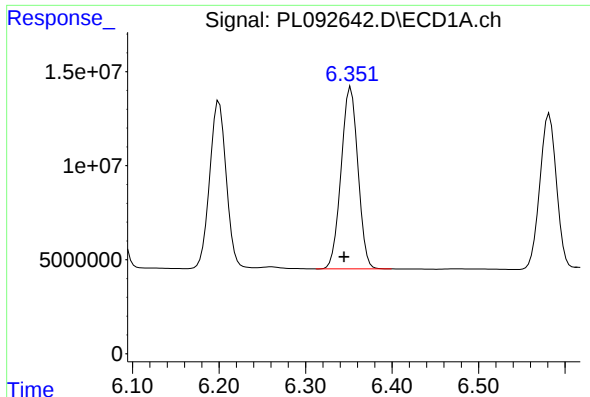
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.008 min
Response: 117738796
Conc: 39.70 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 166709019
Conc: 47.94 ng/ml



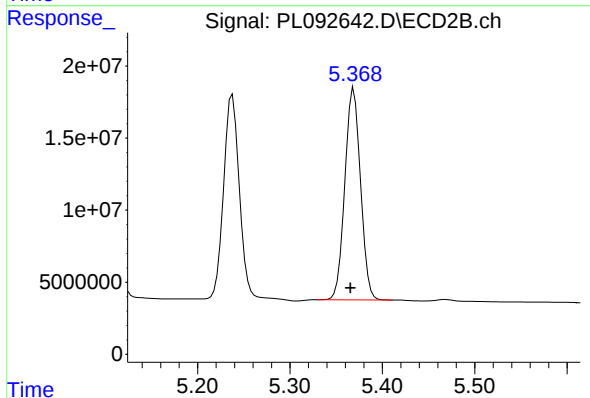
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.008 min
Response: 129809781
Conc: 39.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

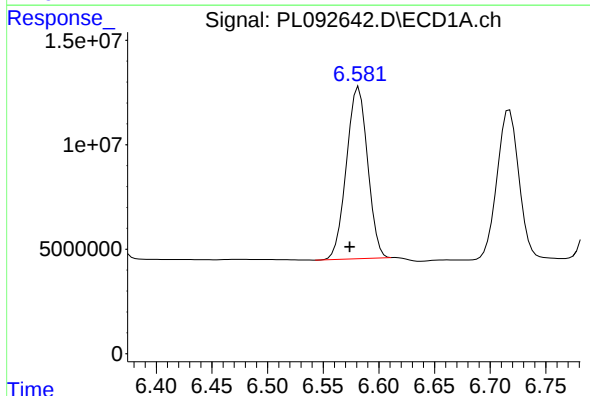
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



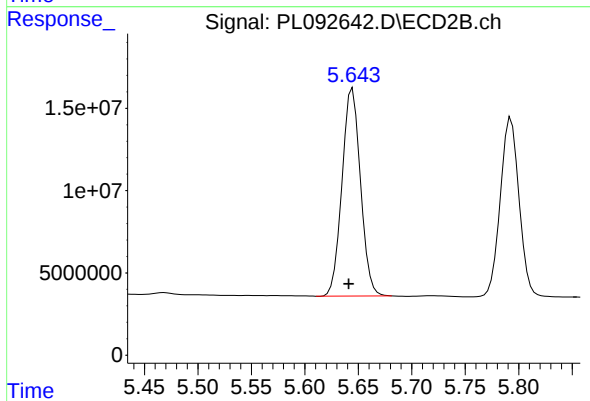
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: 0.003 min
Response: 172950587
Conc: 47.33 ng/ml



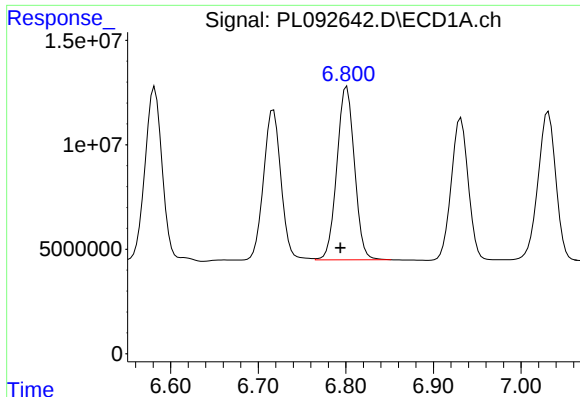
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 108964417
Conc: 38.59 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 151829470
Conc: 46.36 ng/ml



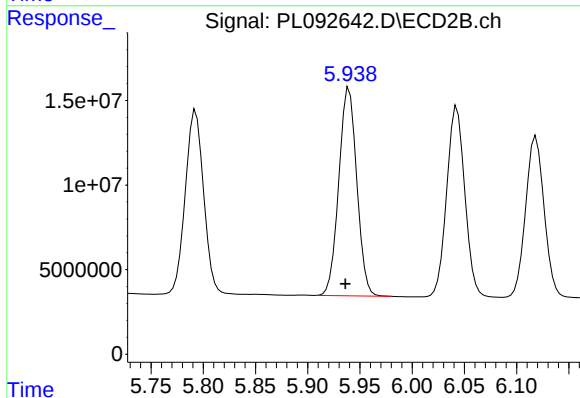
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.008 min
Response: 115663678
Conc: 40.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

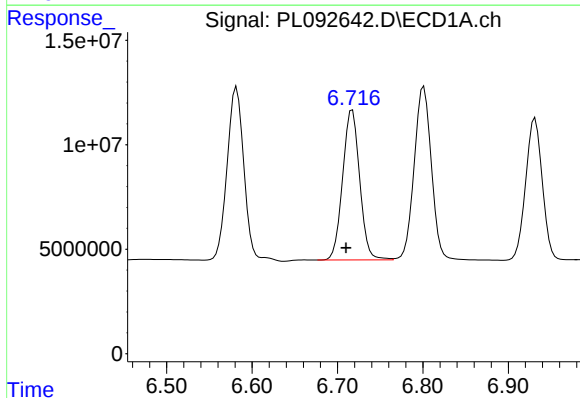
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



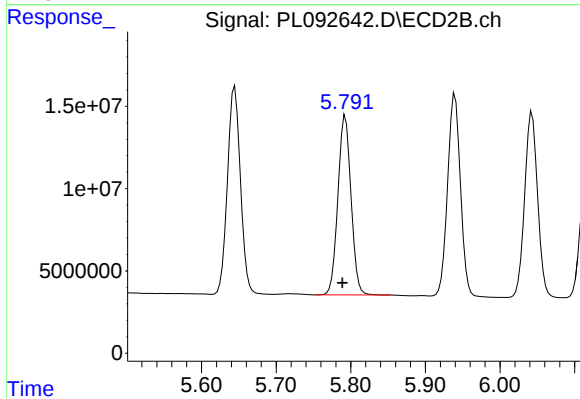
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.004 min
Response: 147375601
Conc: 47.14 ng/ml



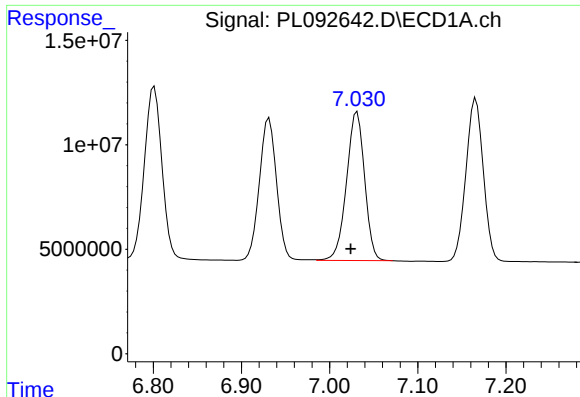
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.007 min
Response: 99520319
Conc: 41.19 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 133130697
Conc: 47.92 ng/ml



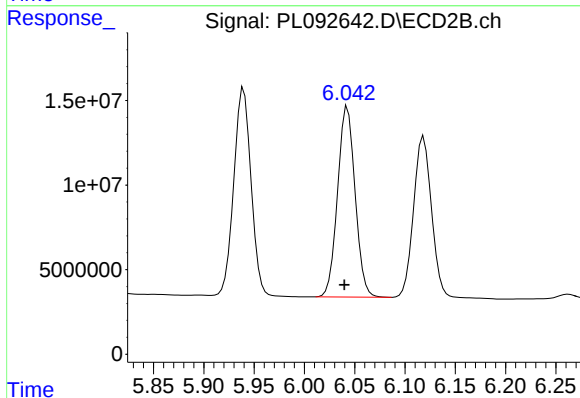
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.007 min
Response: 101530153
Conc: 41.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

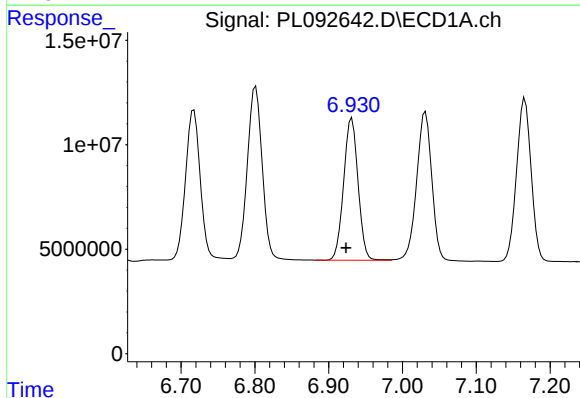
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



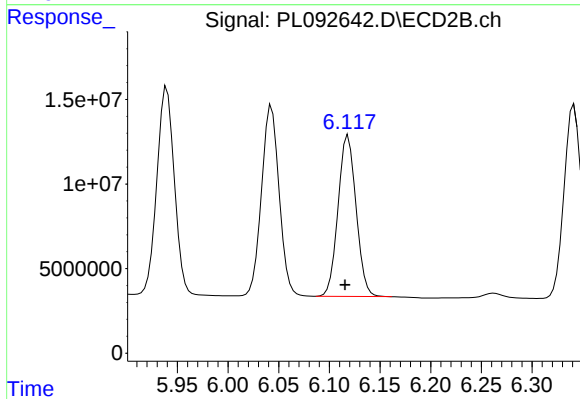
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: 0.003 min
Response: 136433108
Conc: 46.45 ng/ml



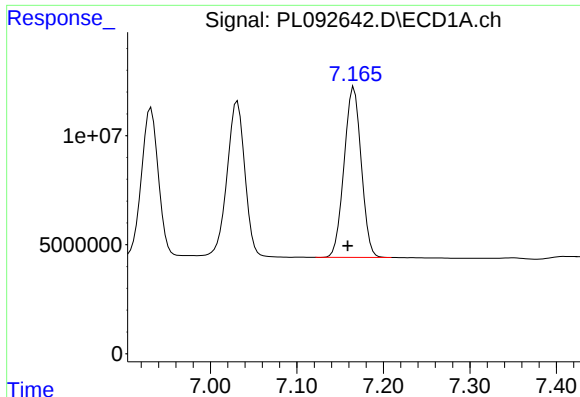
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.008 min
Response: 92358191
Conc: 43.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: 0.003 min
Response: 117769363
Conc: 47.94 ng/ml



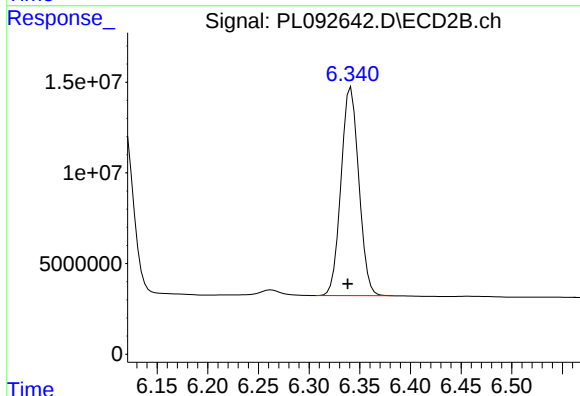
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.007 min
Response: 106967720
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

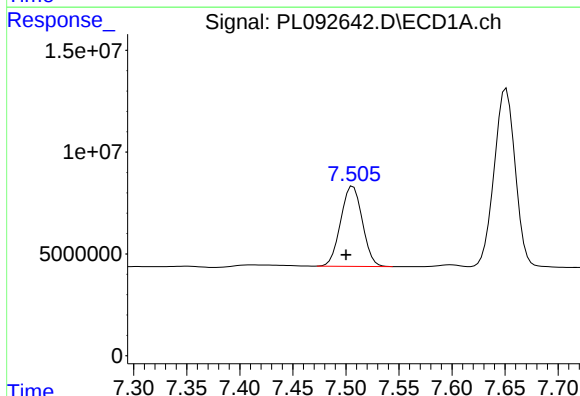
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



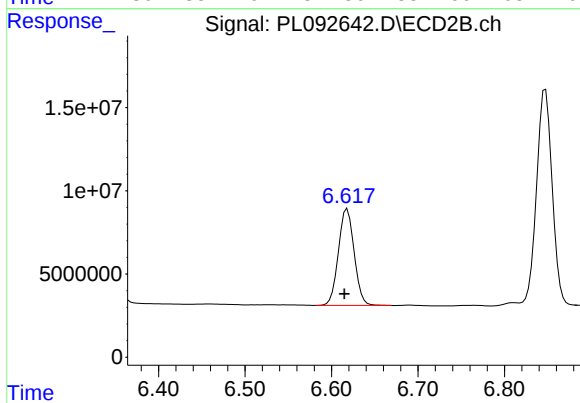
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: 0.003 min
Response: 140044654
Conc: 47.37 ng/ml



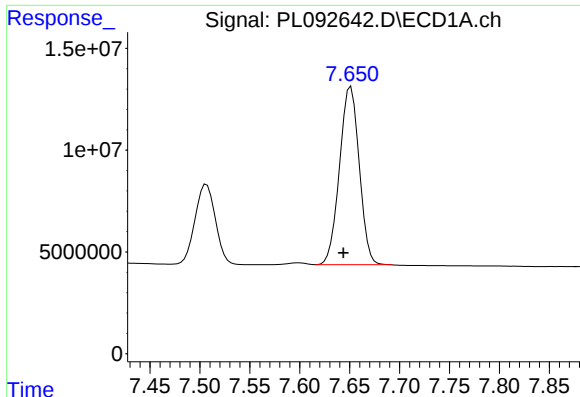
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 55812964
Conc: 47.39 ng/ml m



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 73254812
Conc: 51.67 ng/ml



#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.007 min
Response: 120274055
Conc: 43.74 ng/ml

Instrument :

ECD_L

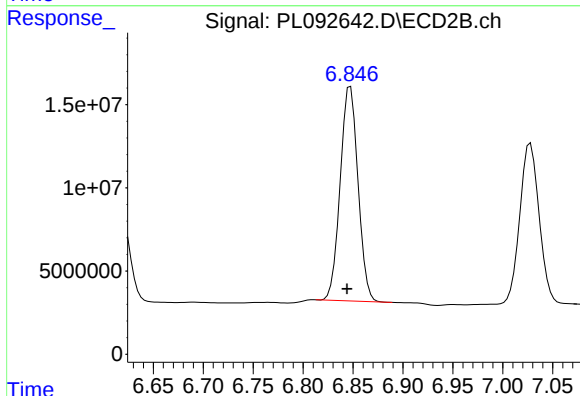
ClientSampleId :

PB164360BS

Manual Integrations

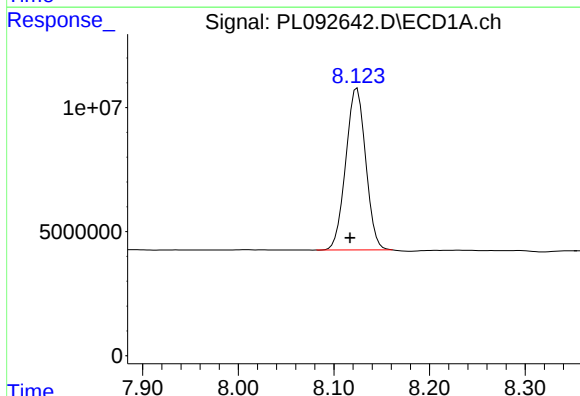
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



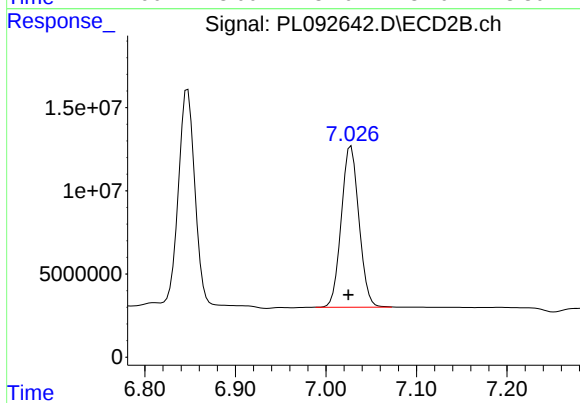
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.003 min
Response: 159783382
Conc: 49.74 ng/ml



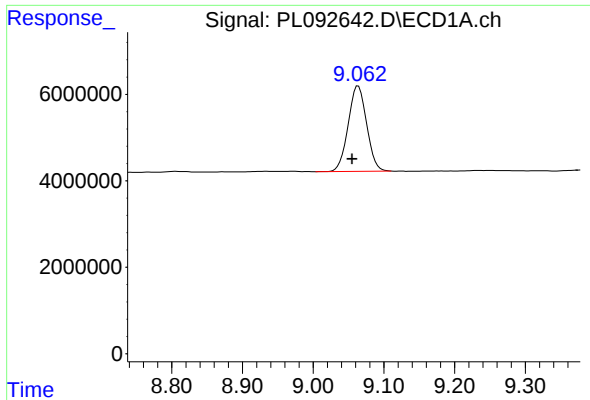
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.007 min
Response: 94719587
Conc: 45.39 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 131183726
Conc: 50.19 ng/ml m



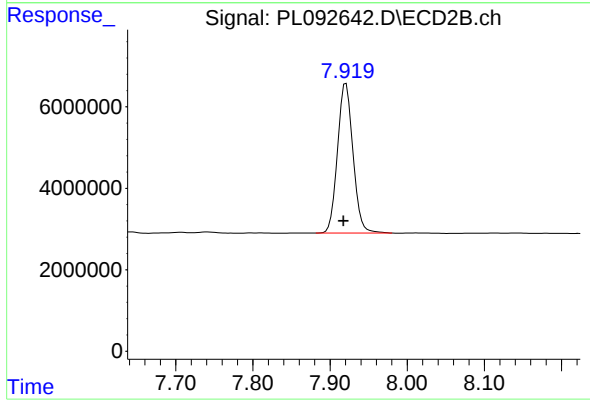
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.009 min
Response: 35901416
Conc: 17.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: 0.003 min
Response: 51282928
Conc: 19.46 ng/ml