

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101924\
 Data File : PL092485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2024 16:25
 Operator : AR\AJ
 Sample : P4431-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11934MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2024
 Supervised By :Ankita Jodhani 10/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 23:52:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.537	2.777	36958020	44747127	16.613m	17.841
28)	SA Decachlor...	9.050	7.916	23144891	36991125	14.128m	14.785
Target Compounds							
2)	A alpha-BHC	3.995	3.280	136.7E6	167.3E6	44.155	45.918
3)	MA gamma-BHC...	4.326	3.610	156.3E6	157.9E6	50.429	44.721
4)	MA Heptachlor	4.916	3.949	128.9E6	154.5E6	46.628	44.780
5)	MB Aldrin	5.256	4.229	111.4E6	139.6E6	40.097m	41.039
6)	B beta-BHC	4.525	3.909	55191560	69933956	41.611	46.527
7)	B delta-BHC	4.771	4.138	124.4E6	144.5E6	43.119	41.613
8)	B Heptachlo...	5.683	4.731	110.1E6	139.5E6	43.272	46.140
9)	A Endosulfan I	6.067	5.102	86629607	94605930	37.447m	34.469
10)	B gamma-Chl...	5.939	4.982	125.3E6	148.9E6	50.700	49.508
11)	B alpha-Chl...	6.019	5.045	121.6E6	140.2E6	49.368	46.837
12)	B 4,4'-DDE	6.191	5.234	73763992	125.0E6	34.080	44.984 #
13)	MA Dieldrin	6.344	5.365	100.5E6	143.8E6	41.214	49.032
14)	MA Endrin	6.573	5.639	83035503	119.9E6	40.295	45.708m
15)	B Endosulfa...	6.793	5.934	87939922	114.9E6	39.978	45.905m
16)	A 4,4'-DDD	6.707	5.788	77400562	93467123	43.103m	43.754
17)	MA 4,4'-DDT	7.023	6.039	79734139	102.6E6	43.305	44.370
18)	B Endrin al...	6.923	6.114	67299777	84421908	38.617	41.369
19)	B Endosulfa...	7.157	6.338	78121958	100.9E6	39.410	41.838
20)	A Methoxychlor	7.498	6.614	39633117	45863483	40.371	36.681
21)	B Endrin ke...	7.642	6.842	95449666	103.7E6	43.434m	37.467
22)	Mirex	8.115	7.024	61257591	79724118	34.013	32.772

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101924\
Data File : PL092485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2024 16:25
Operator : AR\AJ
Sample : P4431-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

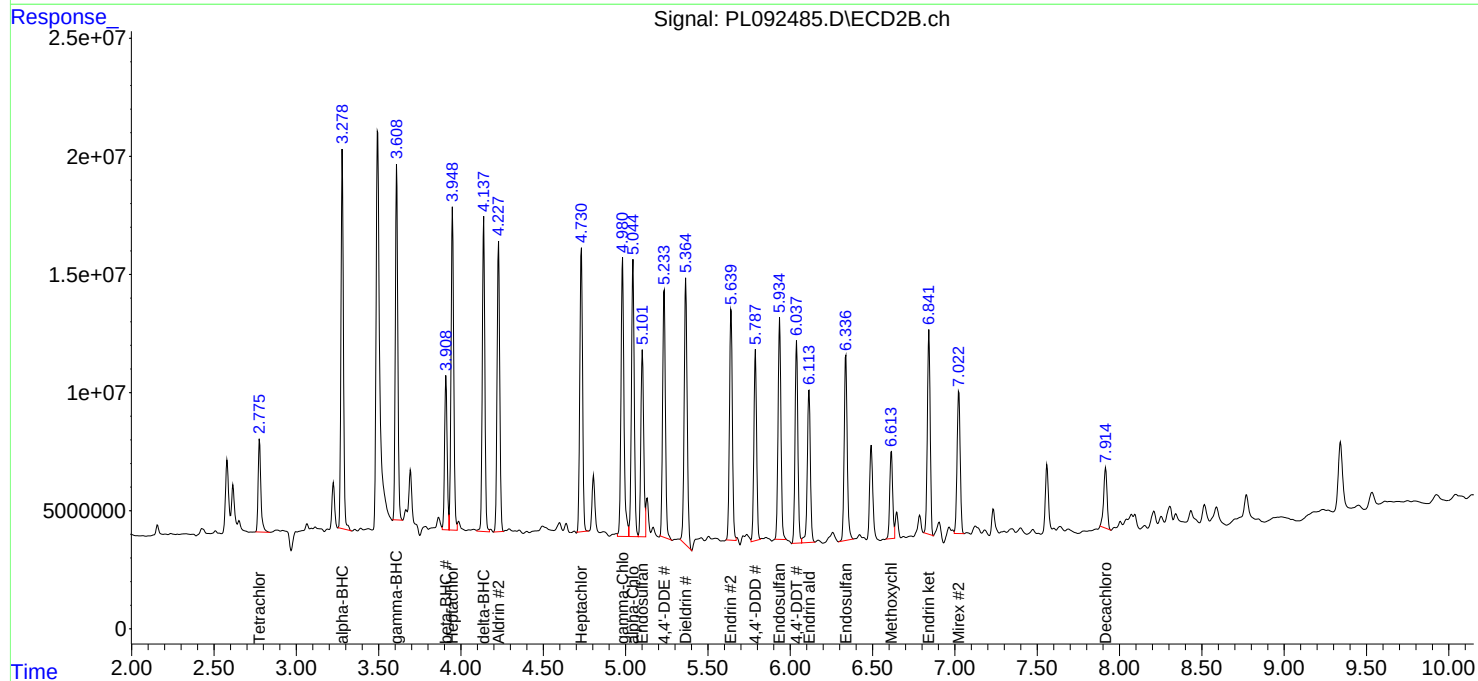
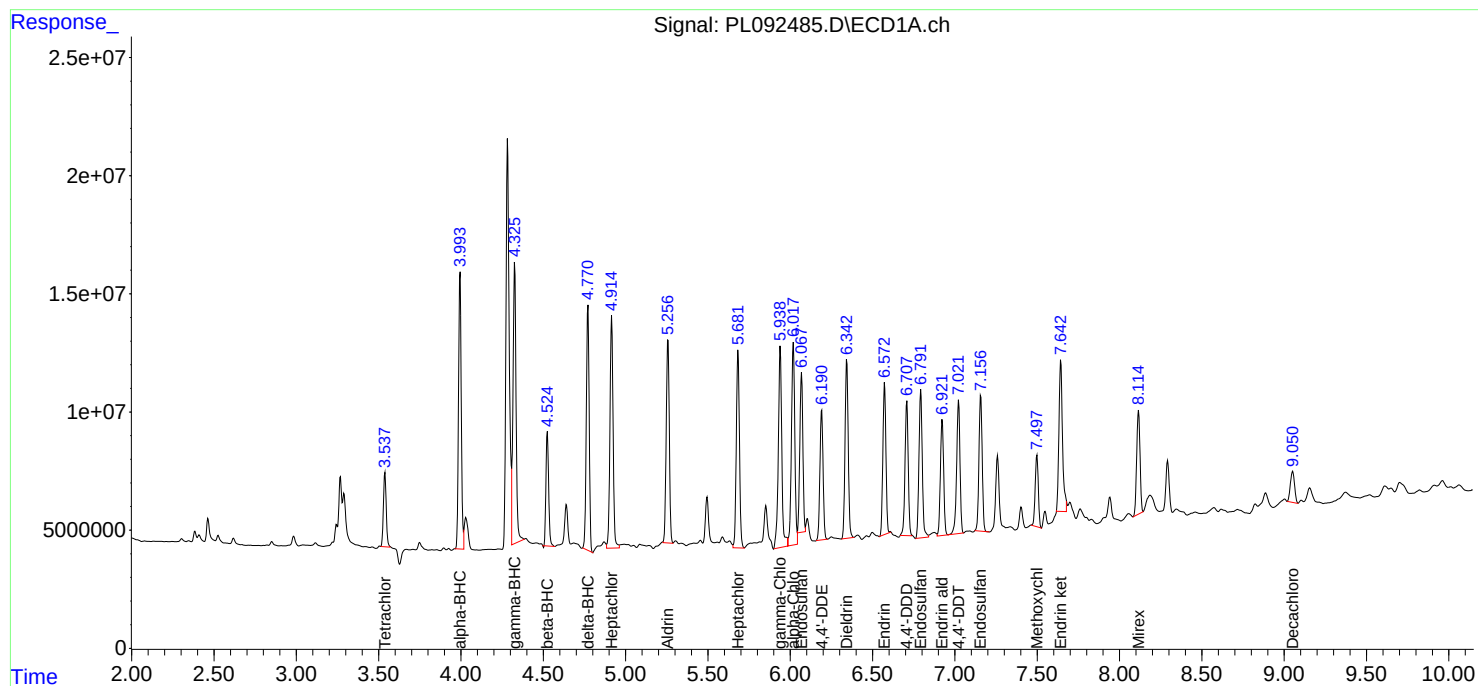
Instrument :
ECD_L
ClientSampleId :
72-11934MSD

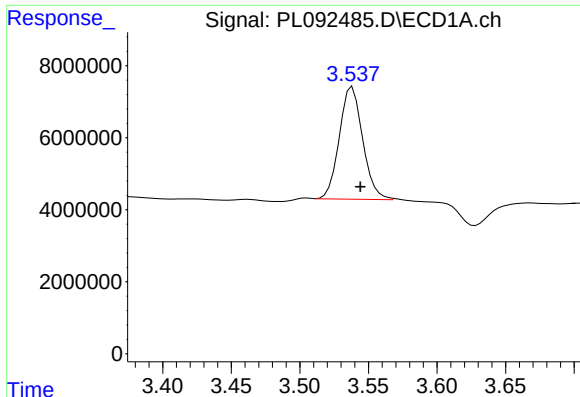
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/21/2024
Supervised By : Ankita Jodhani 10/21/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 23:52:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





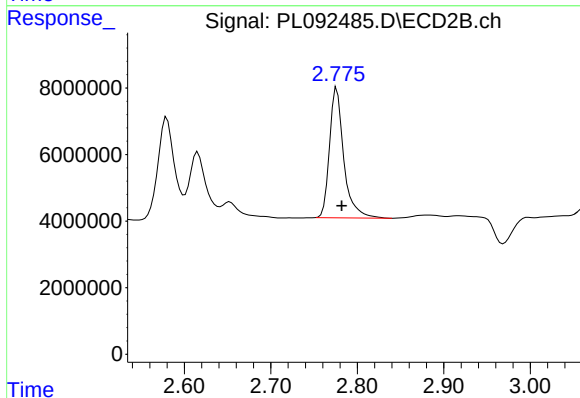
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.007 min
Response: 36958020
Conc: 16.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

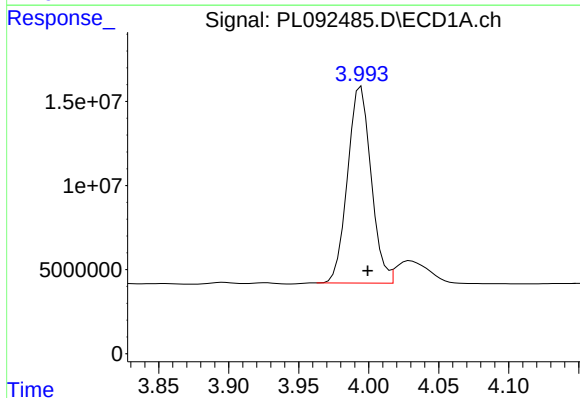
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



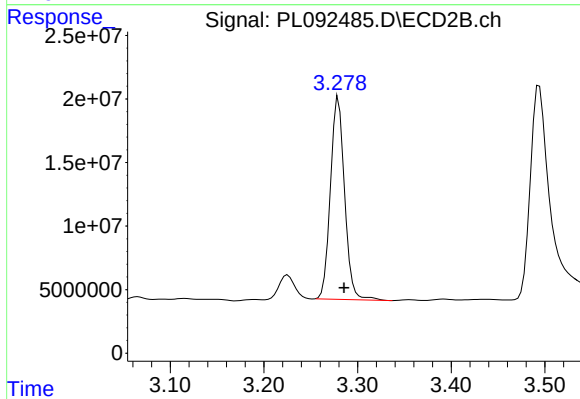
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.006 min
Response: 44747127
Conc: 17.84 ng/ml



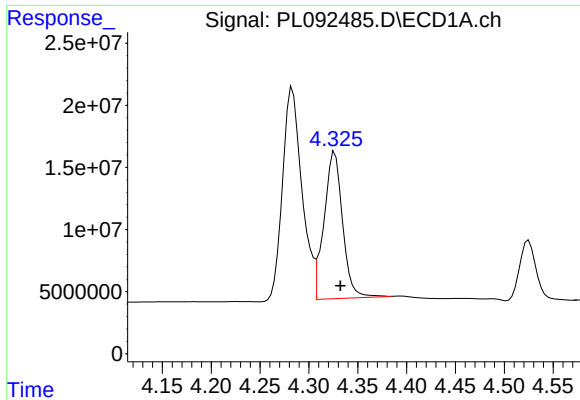
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.005 min
Response: 136728085
Conc: 44.16 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: -0.006 min
Response: 167295142
Conc: 45.92 ng/ml



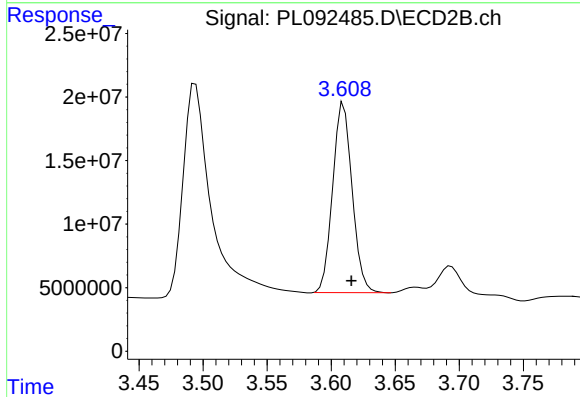
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.006 min
Response: 156269485
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

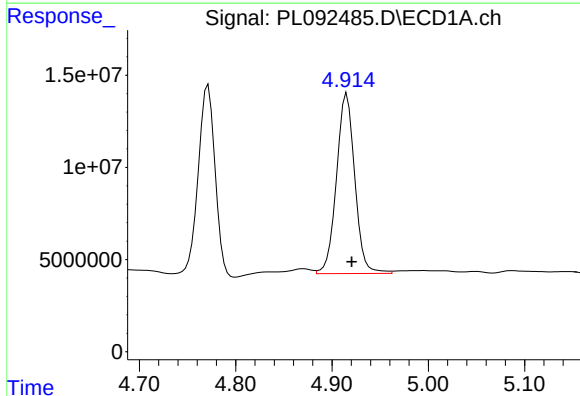
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



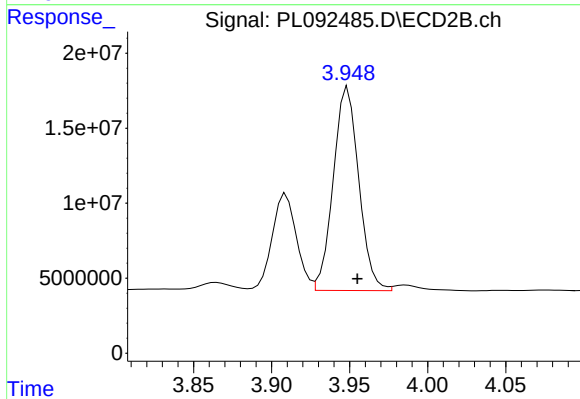
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: -0.006 min
Response: 157910136
Conc: 44.72 ng/ml



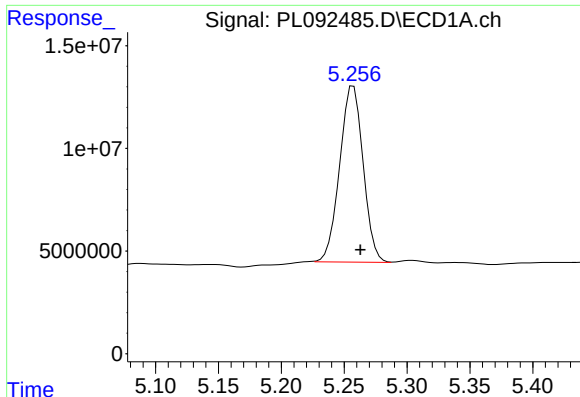
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 128946821
Conc: 46.63 ng/ml



#4 Heptachlor

R.T.: 3.949 min
Delta R.T.: -0.006 min
Response: 154517410
Conc: 44.78 ng/ml



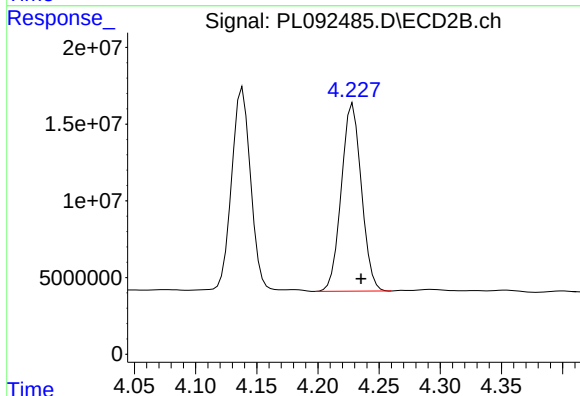
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.007 min
Response: 111372597
Conc: 40.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

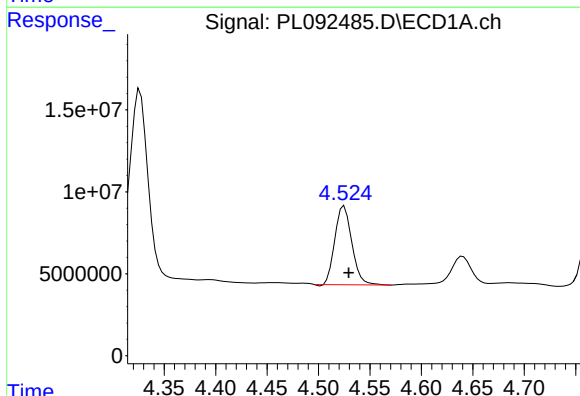
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



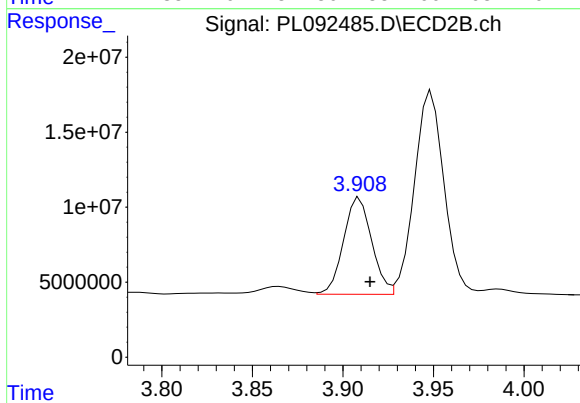
#5 Aldrin

R.T.: 4.229 min
Delta R.T.: -0.007 min
Response: 139579196
Conc: 41.04 ng/ml



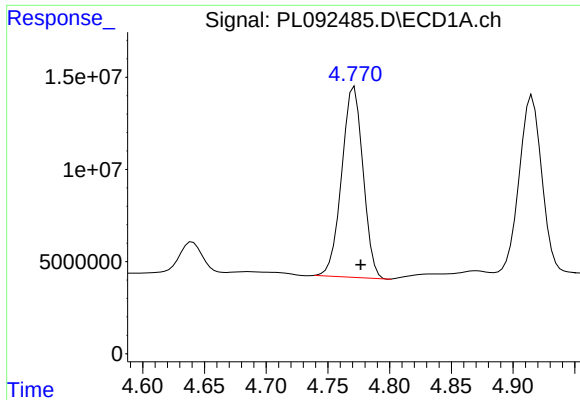
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 55191560
Conc: 41.61 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: -0.006 min
Response: 69933956
Conc: 46.53 ng/ml



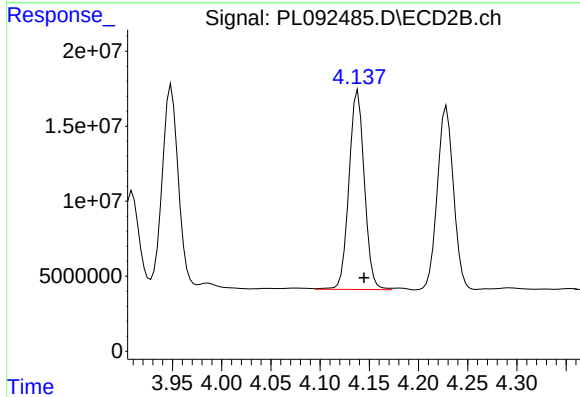
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.005 min
Response: 124363490
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

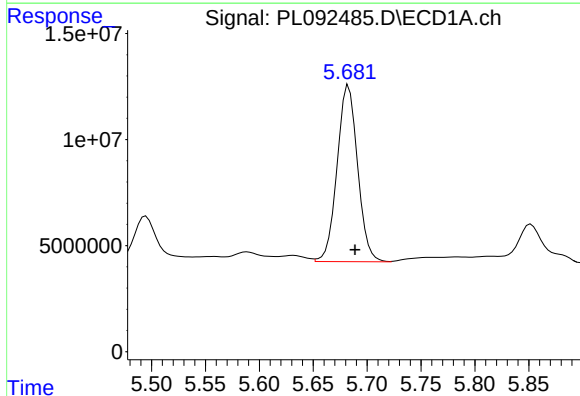
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



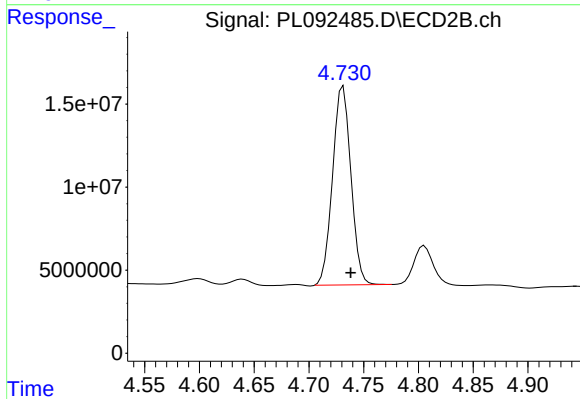
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: -0.006 min
Response: 144467798
Conc: 41.61 ng/ml



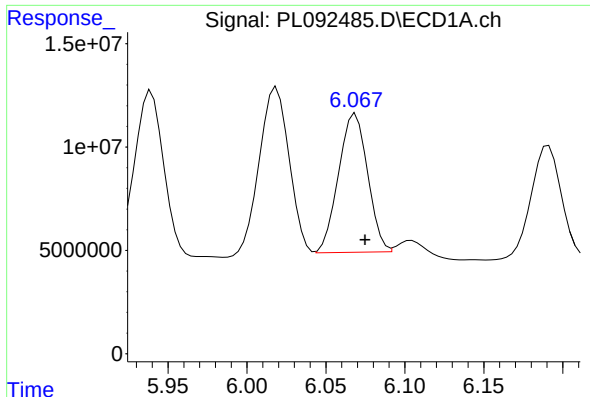
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.006 min
Response: 110126488
Conc: 43.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: -0.007 min
Response: 139476190
Conc: 46.14 ng/ml



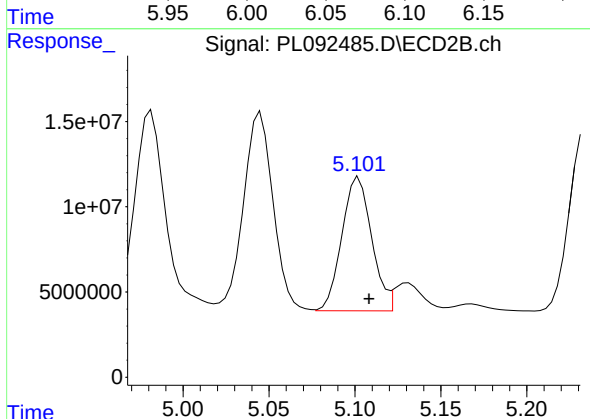
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.007 min
Response: 86629607
Conc: 37.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

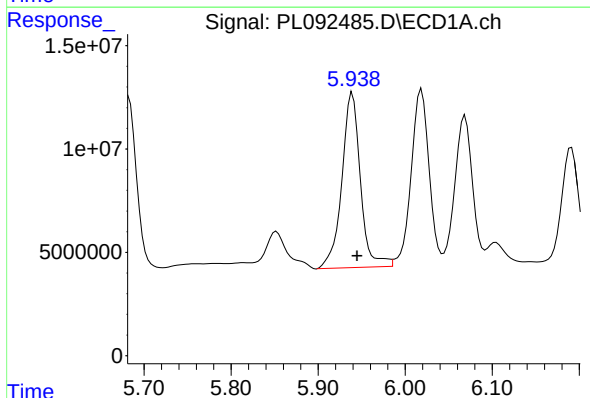
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



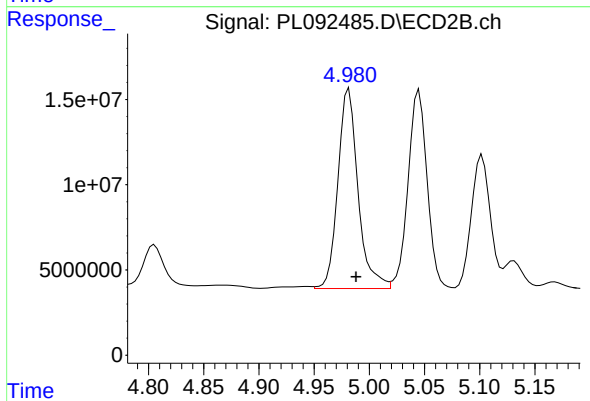
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: -0.006 min
Response: 94605930
Conc: 34.47 ng/ml



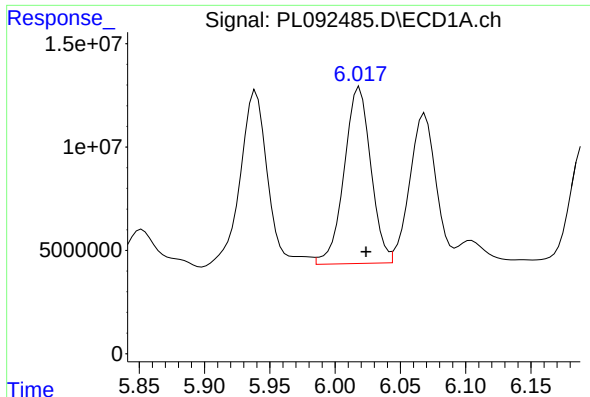
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 125288803
Conc: 50.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: -0.007 min
Response: 148949640
Conc: 49.51 ng/ml



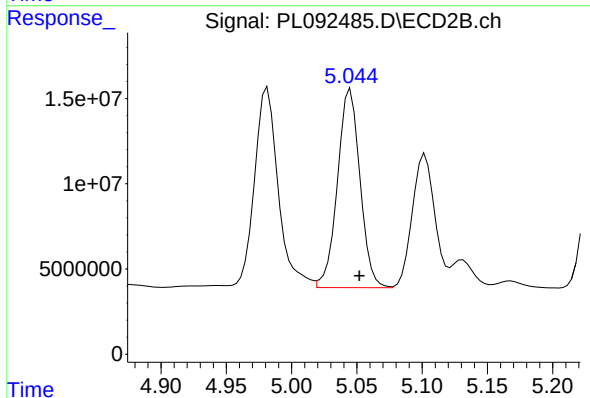
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.005 min
Response: 121610193
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

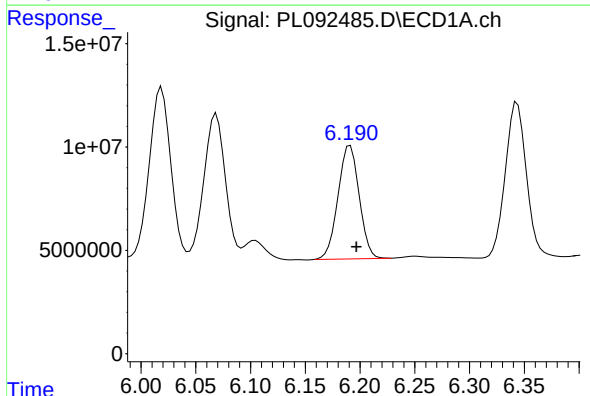
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



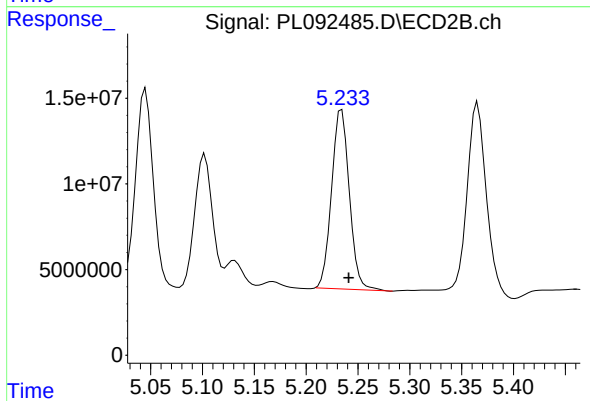
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 140208931
Conc: 46.84 ng/ml



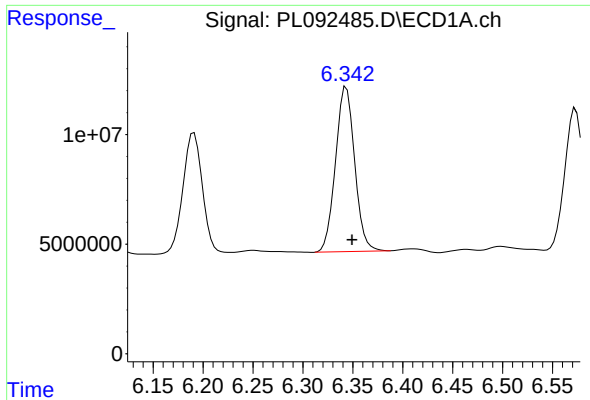
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.006 min
Response: 73763992
Conc: 34.08 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.007 min
Response: 125002819
Conc: 44.98 ng/ml



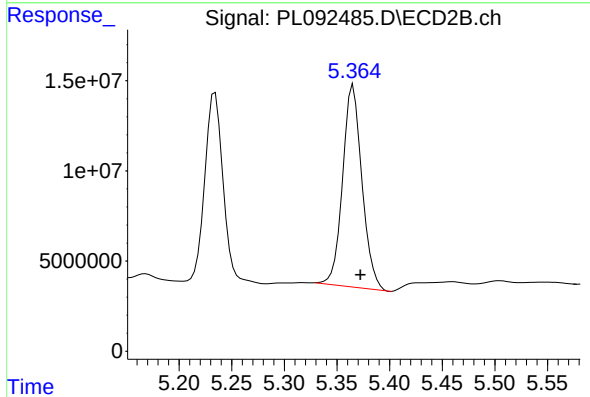
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.006 min
Response: 100514474
Conc: 41.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

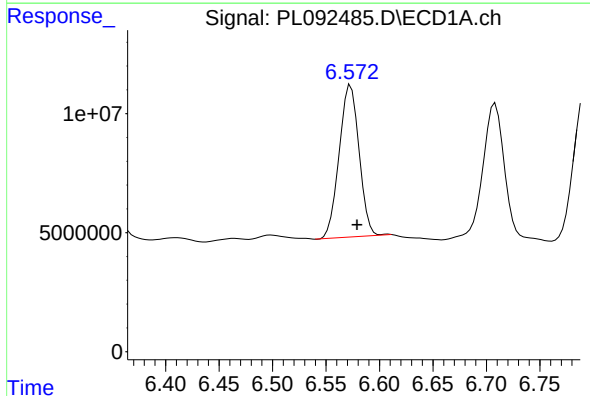
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



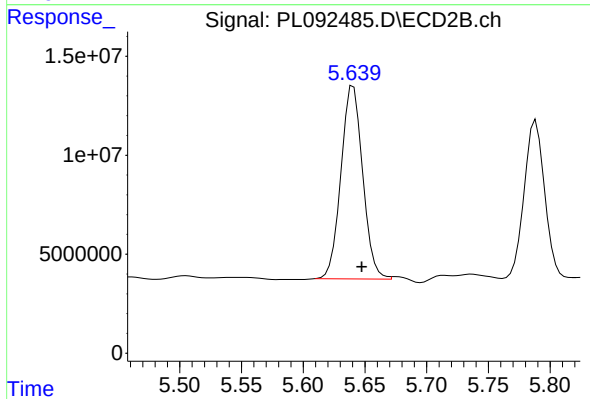
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 143753255
Conc: 49.03 ng/ml



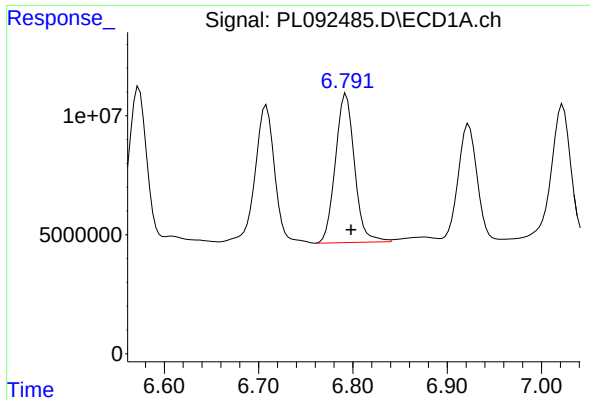
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.006 min
Response: 83035503
Conc: 40.29 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.008 min
Response: 119854091
Conc: 45.71 ng/ml m



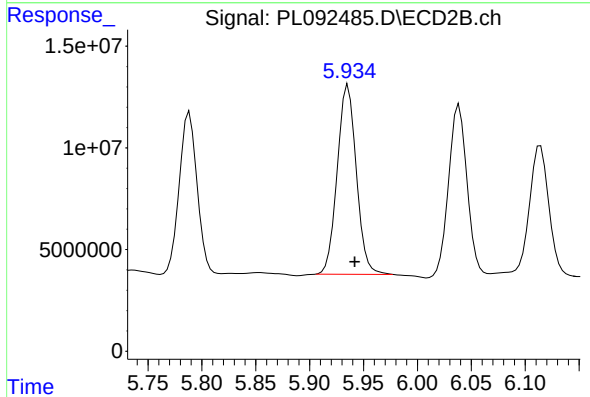
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.005 min
Response: 87939922
Conc: 39.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

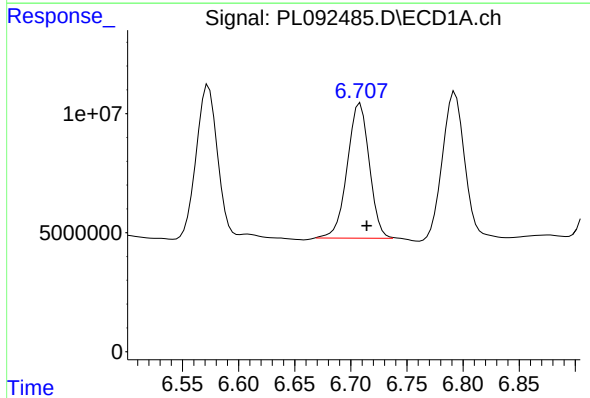
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



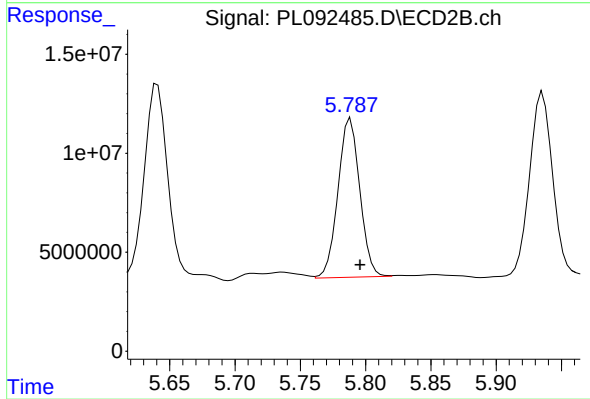
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: -0.008 min
Response: 114874180
Conc: 45.91 ng/ml m



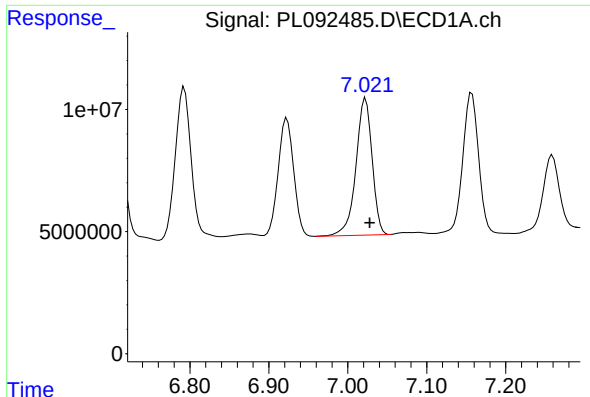
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.007 min
Response: 77400562
Conc: 43.10 ng/ml m



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.007 min
Response: 93467123
Conc: 43.75 ng/ml



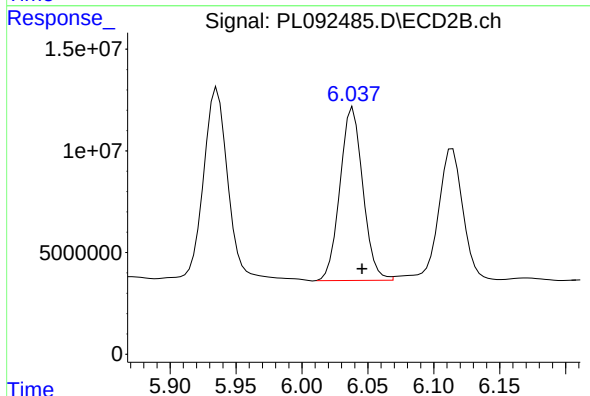
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 79734139
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

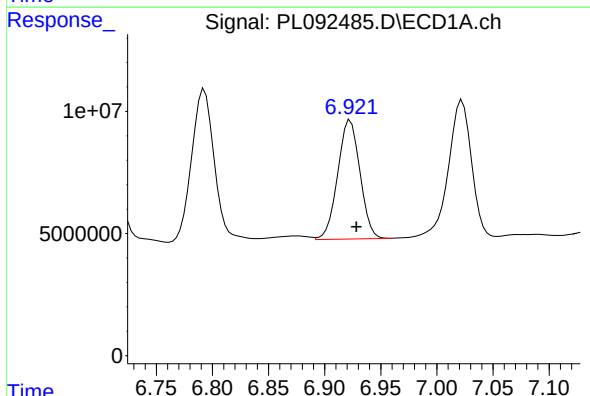
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



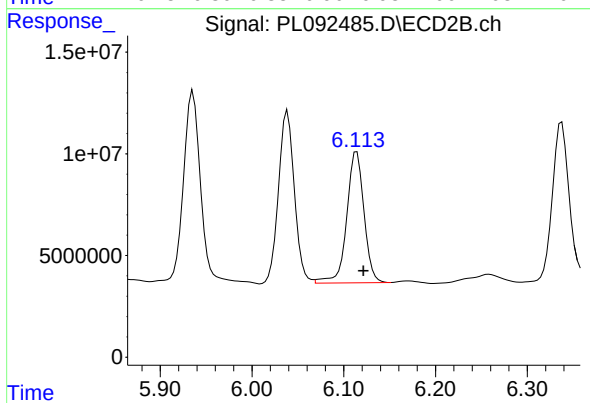
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 102634990
Conc: 44.37 ng/ml



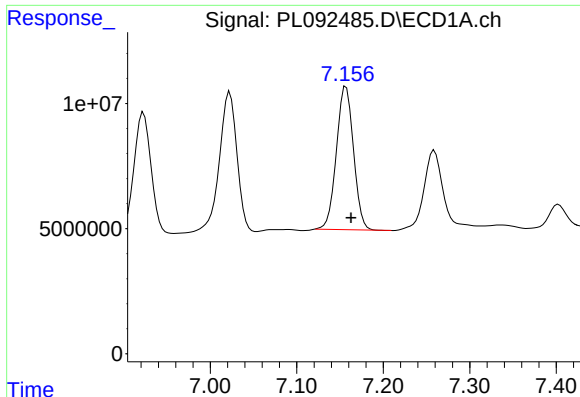
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 67299777
Conc: 38.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.007 min
Response: 84421908
Conc: 41.37 ng/ml



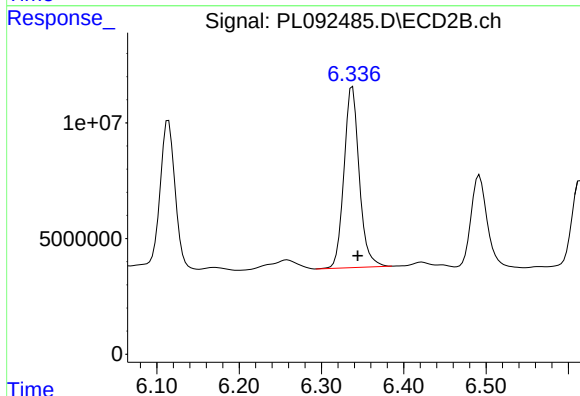
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.006 min
Response: 78121958
Conc: 39.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

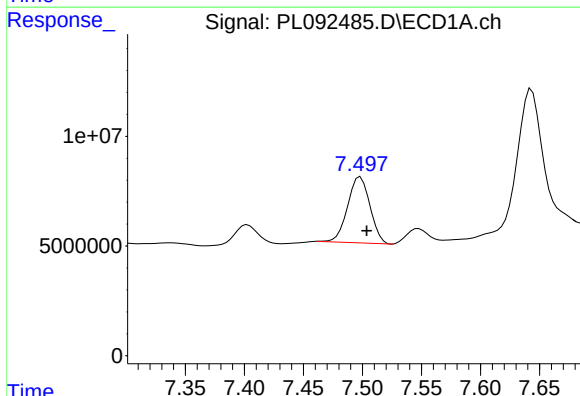
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



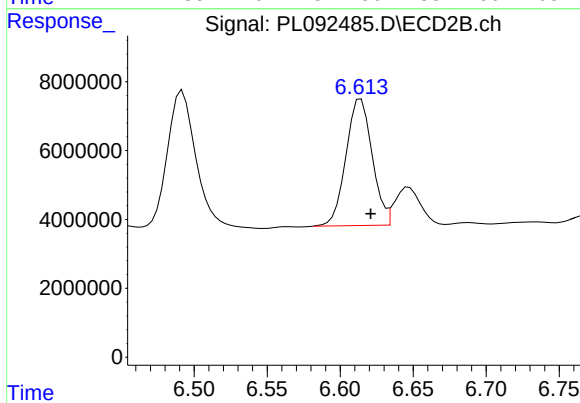
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: -0.007 min
Response: 100934040
Conc: 41.84 ng/ml



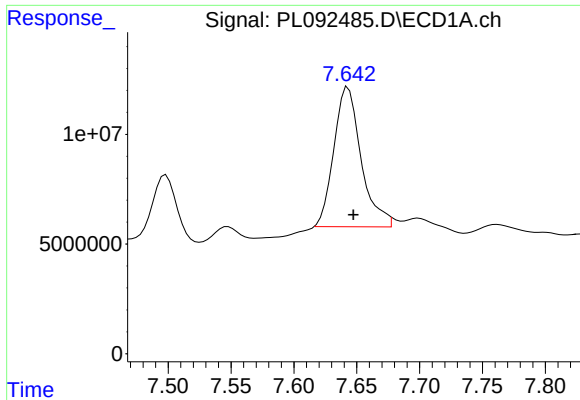
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.005 min
Response: 39633117
Conc: 40.37 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.007 min
Response: 45863483
Conc: 36.68 ng/ml



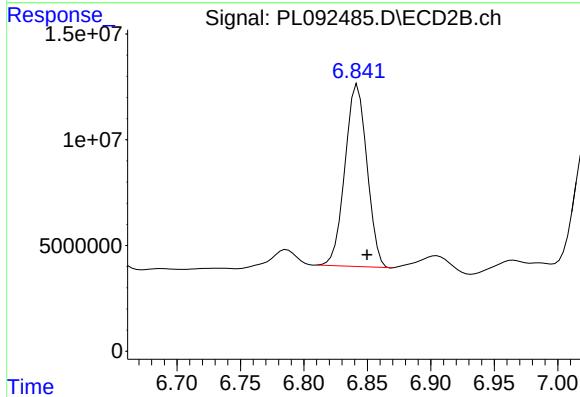
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.006 min
Response: 95449666
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

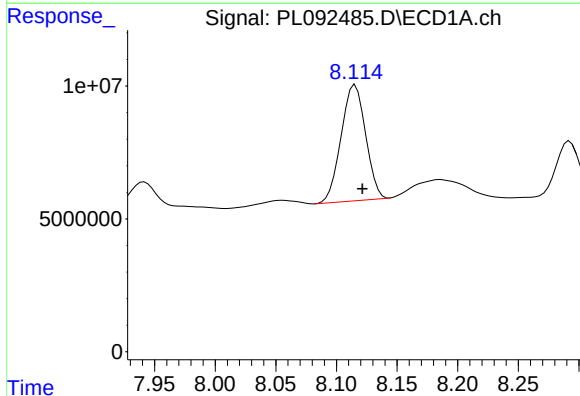
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



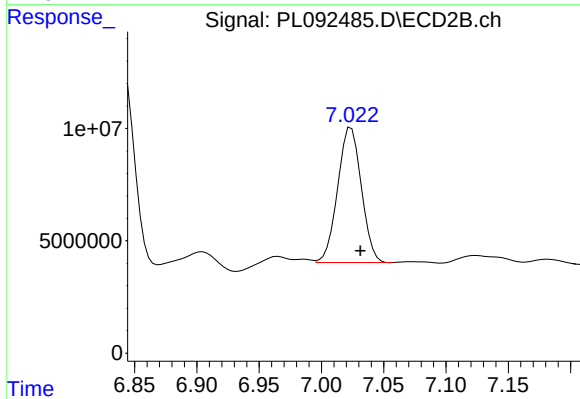
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.007 min
Response: 103744705
Conc: 37.47 ng/ml



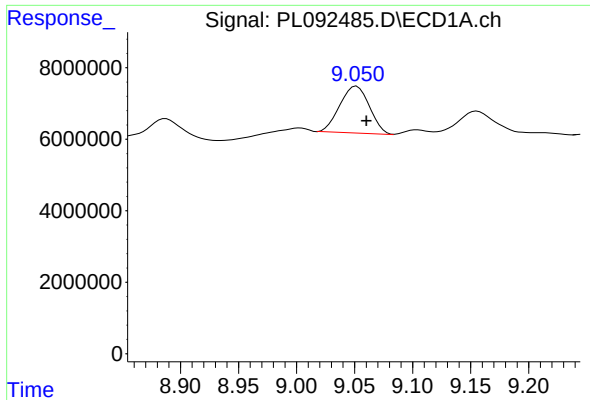
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.006 min
Response: 61257591
Conc: 34.01 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: -0.008 min
Response: 79724118
Conc: 32.77 ng/ml



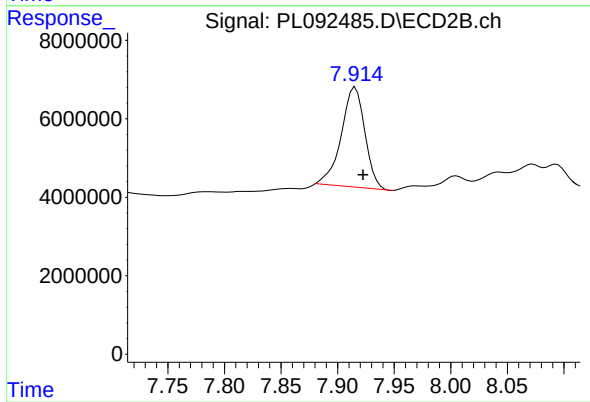
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.010 min
Response: 23144891
Conc: 14.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11934MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2024
Supervised By :Ankita Jodhani 10/21/2024



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: -0.007 min
Response: 36991125
Conc: 14.78 ng/ml