

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111323\
 Data File : PL086628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 19:45
 Operator : AR\AJ
 Sample : 05378-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/14/2023
 Supervised By : Ankita Jodhani 11/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 03:41:33 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	48018309	14323029	14.788	14.546
28)	SA Decachlor...	8.852	7.767	41612023	16887056	14.216	13.984
Target Compounds							
2)	A alpha-BHC	3.805	3.115	215.4E6	60496685	44.777	45.385
3)	MA gamma-BHC...	4.137	3.442	216.5E6	60322313	46.027	45.454
4)	MA Heptachlor	4.724	3.778	206.6E6	60913207	45.287	45.504
5)	MB Aldrin	5.063	4.055	205.0E6	59097593	45.289	45.414
6)	B beta-BHC	4.341	3.745	88780327	26413260	43.895	44.314
7)	B delta-BHC	4.583	3.970	193.9E6	58438420	42.229	44.668
8)	B Heptachlo...	5.493	4.559	180.3E6	56100943	46.393	46.711
9)	A Endosulfan I	5.878	4.927	170.0E6	52615645	45.301	45.759
10)	B gamma-Chl...	5.751	4.811	208.6E6	65191055	50.916	52.838
11)	B alpha-Chl...	5.830	4.875	225.0E6	65295724	55.431	52.217
12)	B 4,4'-DDE	6.014	5.074	152.0E6	49834445	43.815	48.547
13)	MA Dieldrin	6.154	5.191	174.3E6	57428870	44.338	48.131m
14)	MA Endrin	6.383	5.466	149.2E6	50253351	43.315	45.880
15)	B Endosulfa...	6.606	5.764	149.8E6	52232935	42.141	47.590
16)	A 4,4'-DDD	6.533	5.630	119.9E6	40606557	45.035	47.662
17)	MA 4,4'-DDT	6.849	5.880	141.0E6	48809037	47.553	49.929
18)	B Endrin al...	6.736	5.946	113.7E6	41514516	42.877m	44.318
19)	B Endosulfa...	6.973	6.169	140.3E6	47408022	41.793	43.647m
20)	A Methoxychlor	7.335	6.466	75238667	30631956	47.146	51.210
21)	B Endrin ke...	7.456	6.672	156.5E6	57106619	45.922	44.569
22)	Mirex	7.929	6.849	143.4E6	55891755	50.765	49.169

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111323\
Data File : PL086628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2023 19:45
Operator : AR\AJ
Sample : 05378-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

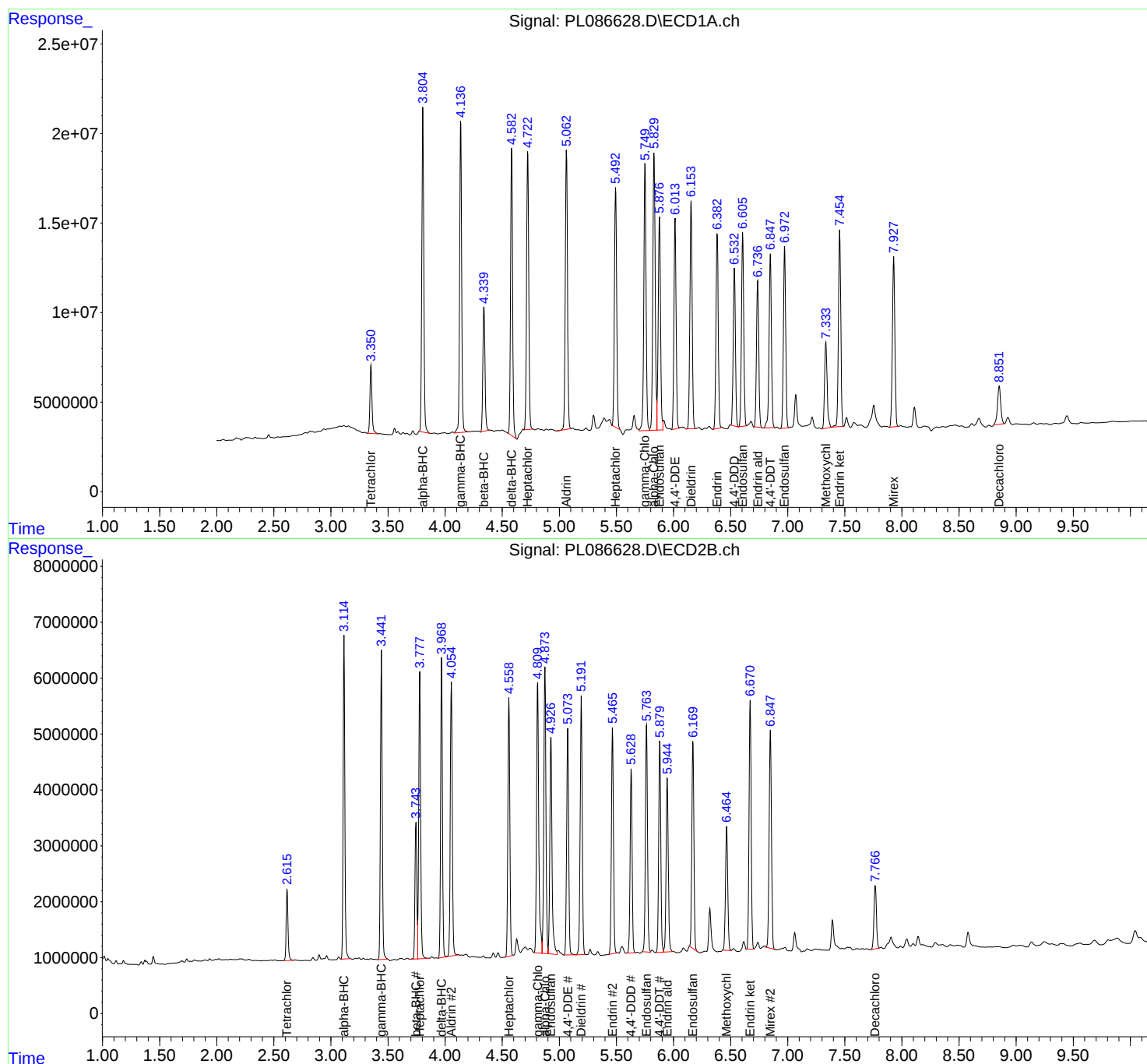
Instrument :
ECD_L
ClientSampleId :
MH-3MSD

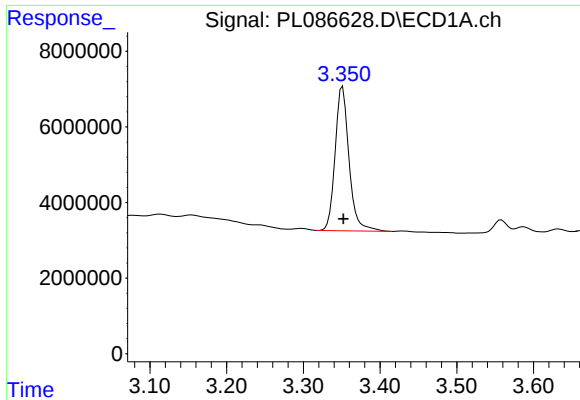
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:41:33 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





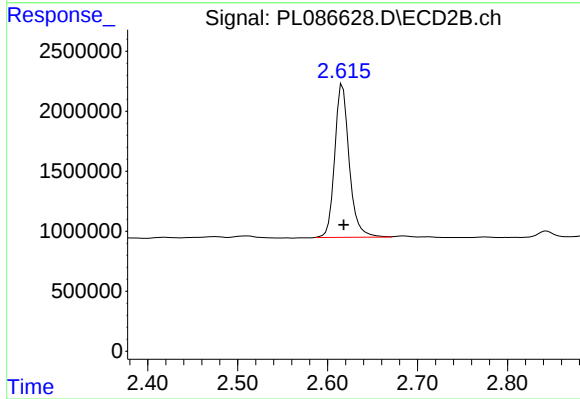
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 48018309
Conc: 14.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

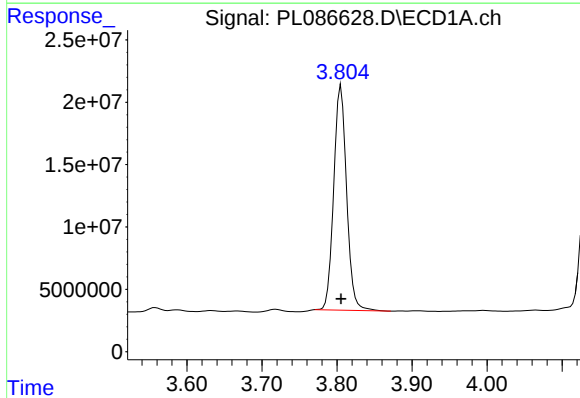
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



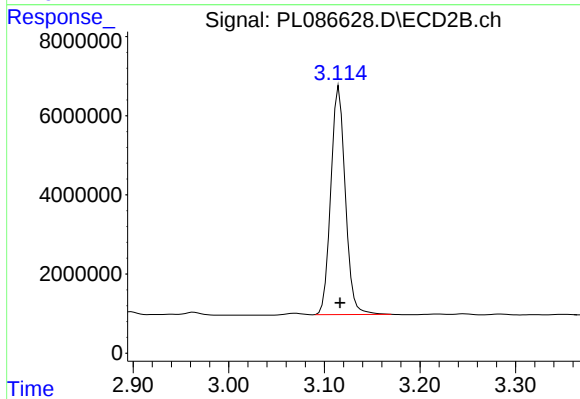
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 14323029
Conc: 14.55 ng/ml



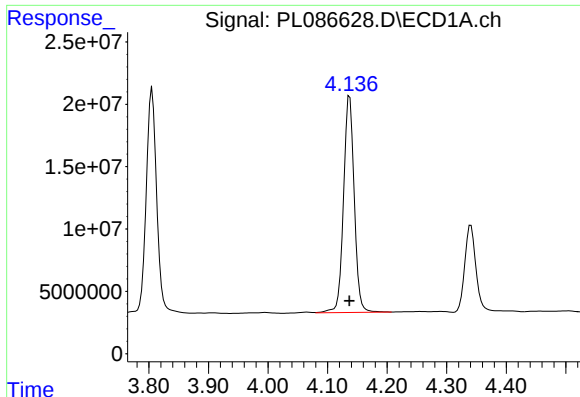
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 215398516
Conc: 44.78 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.001 min
Response: 60496685
Conc: 45.39 ng/ml



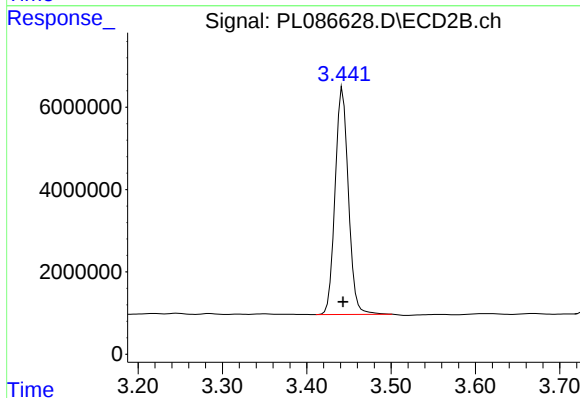
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 216537902
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

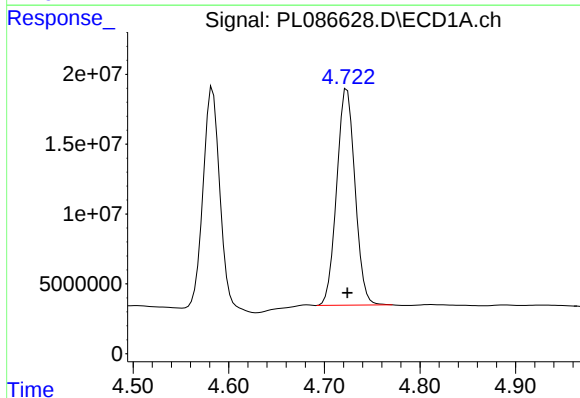
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



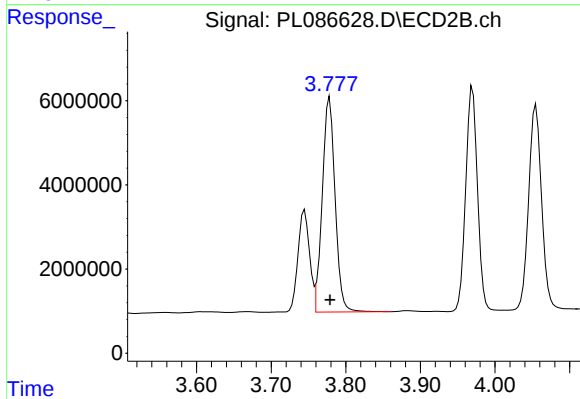
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 60322313
Conc: 45.45 ng/ml



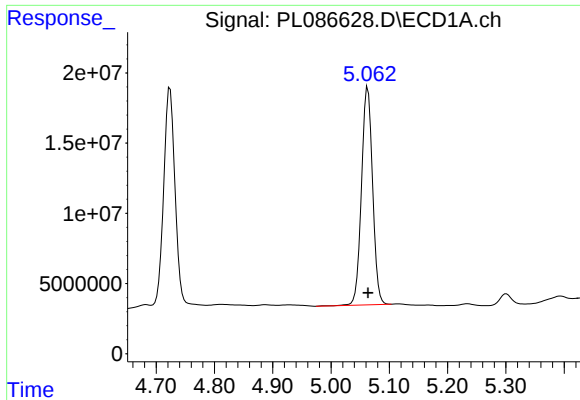
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 206595873
Conc: 45.29 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 60913207
Conc: 45.50 ng/ml



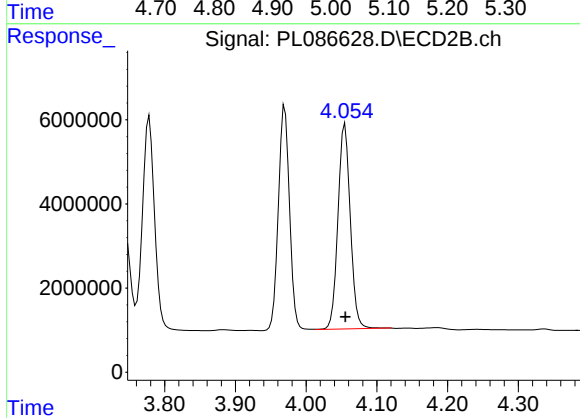
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 205042095
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

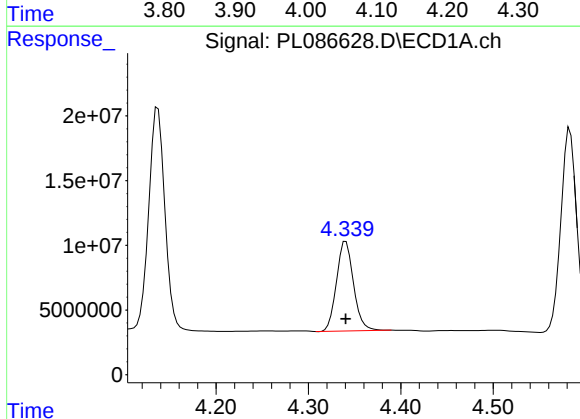
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



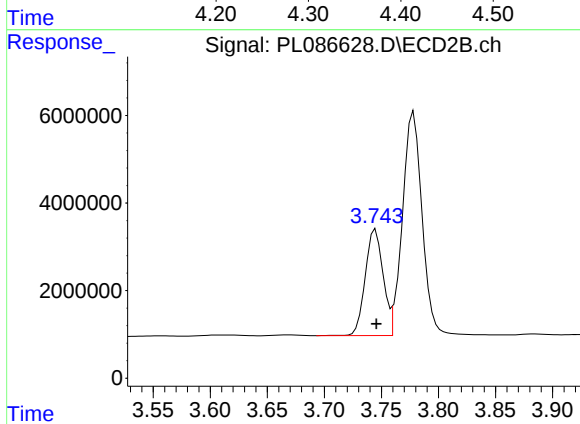
#5 Aldrin

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 59097593
Conc: 45.41 ng/ml



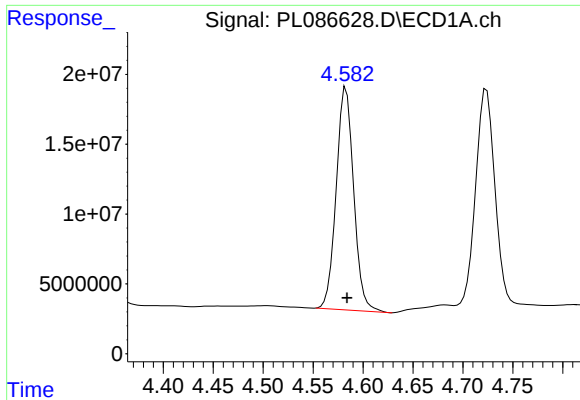
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 88780327
Conc: 43.89 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 26413260
Conc: 44.31 ng/ml



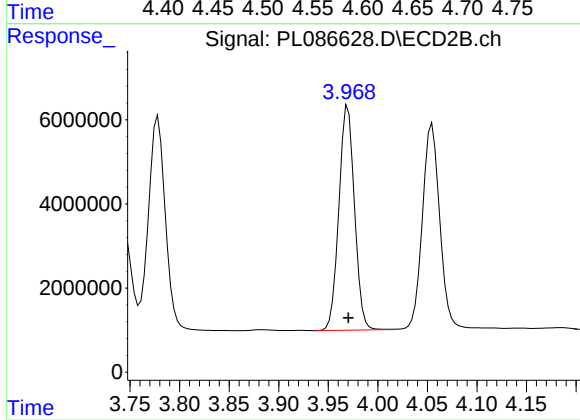
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 193890525
Conc: 42.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

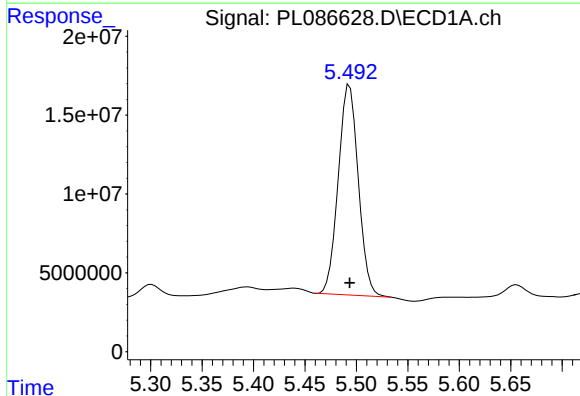
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



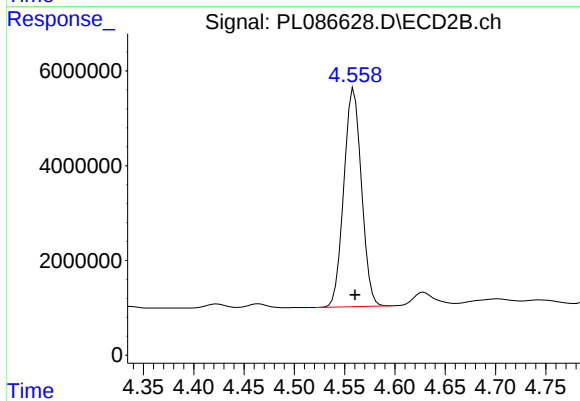
#7 delta-BHC

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 58438420
Conc: 44.67 ng/ml



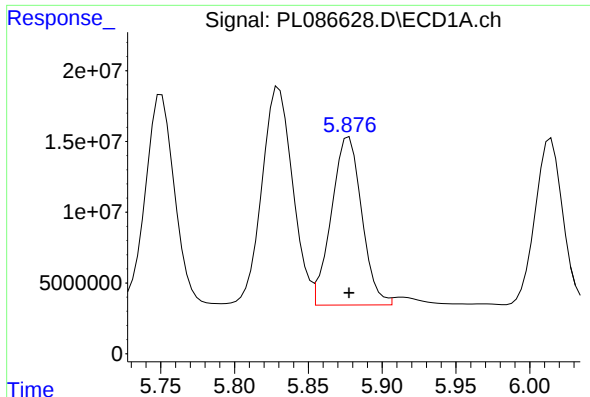
#8 Heptachlor epoxide

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 180346839
Conc: 46.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 56100943
Conc: 46.71 ng/ml



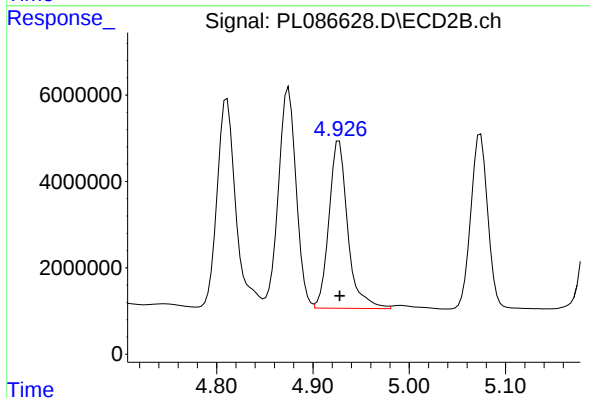
#9 Endosulfan I

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 169952835
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

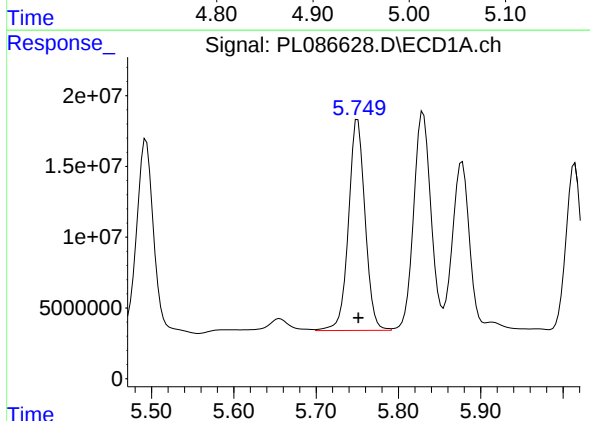
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



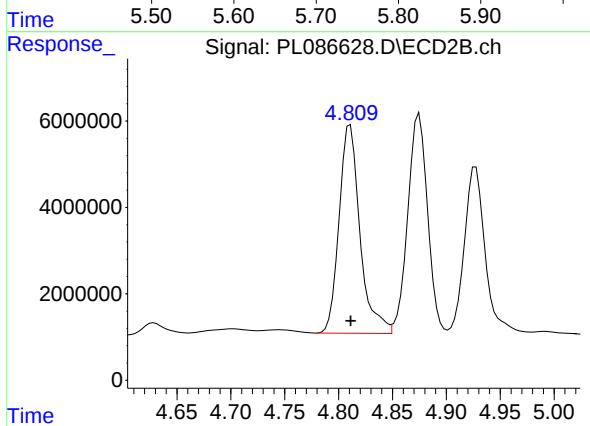
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 52615645
Conc: 45.76 ng/ml



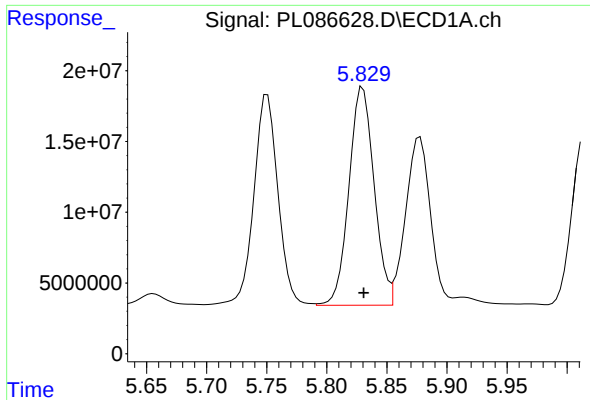
#10 gamma-Chlordane

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 208612686
Conc: 50.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 65191055
Conc: 52.84 ng/ml



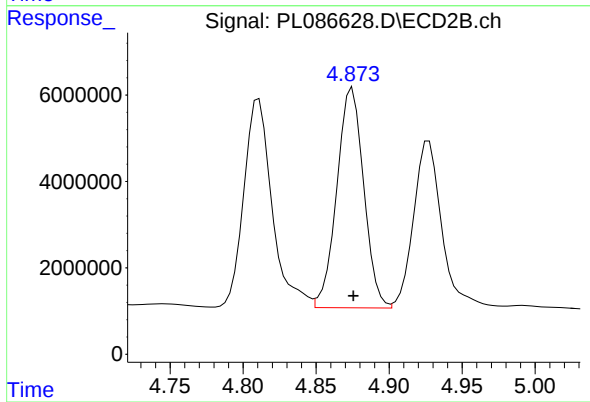
#11 alpha-Chlordane

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 225045073
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

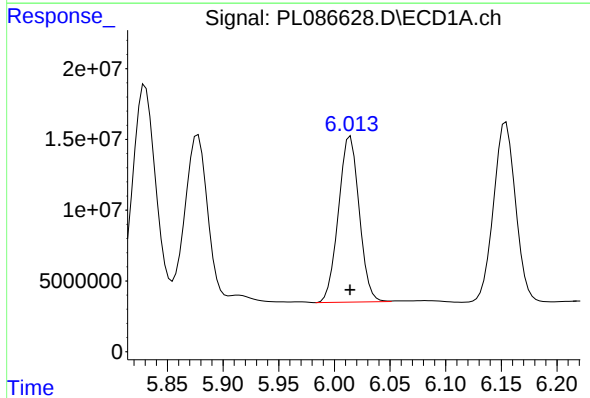
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



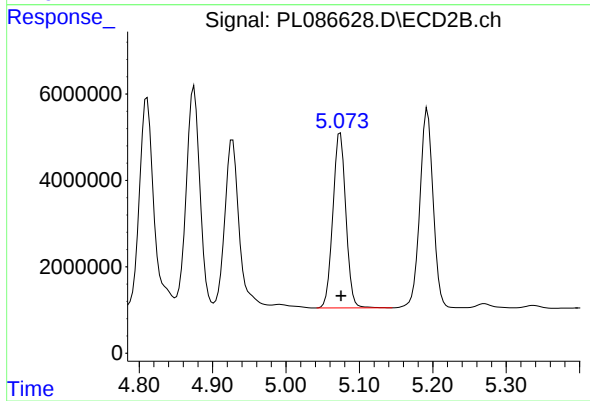
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 65295724
Conc: 52.22 ng/ml



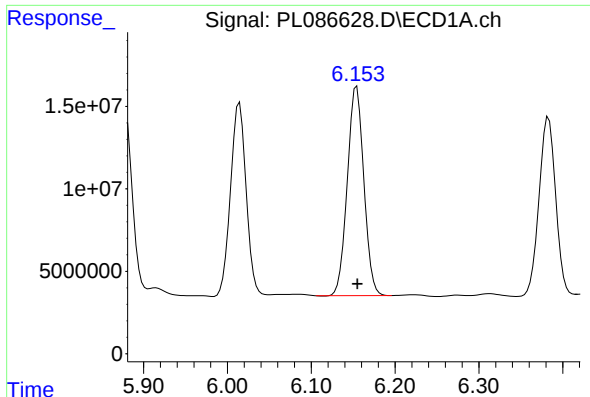
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 151963058
Conc: 43.82 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 49834445
Conc: 48.55 ng/ml



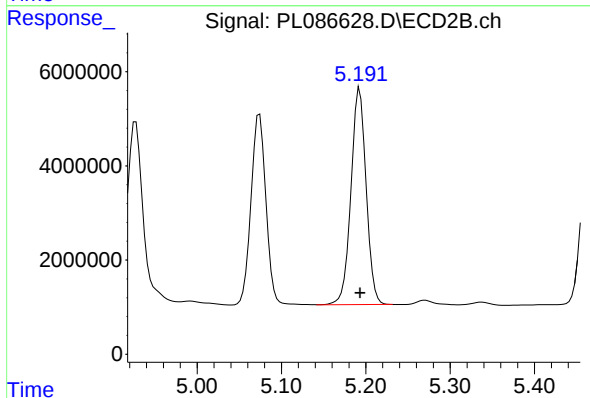
#13 Dieldrin

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 174336394
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

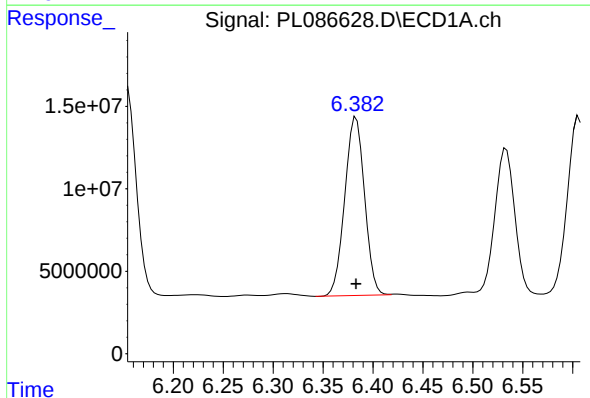
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



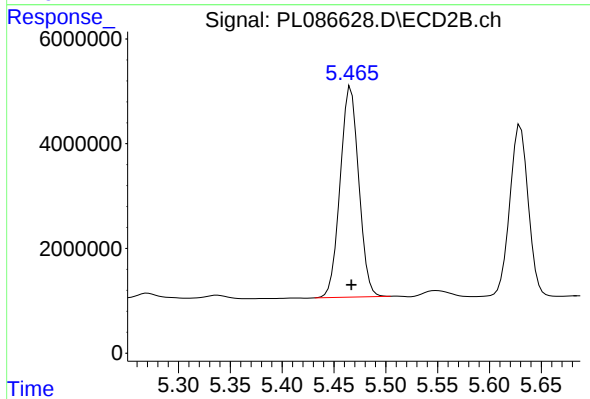
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 57428870
Conc: 48.13 ng/ml m



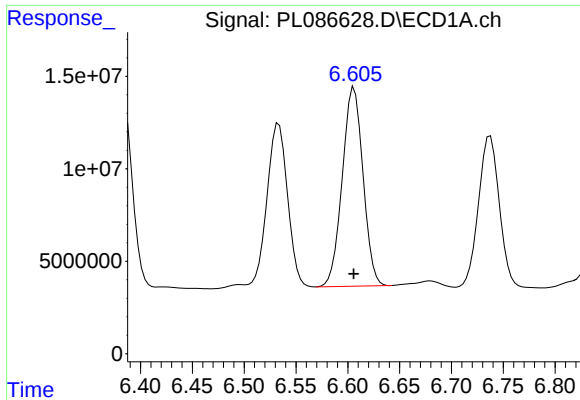
#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 149193217
Conc: 43.32 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 50253351
Conc: 45.88 ng/ml



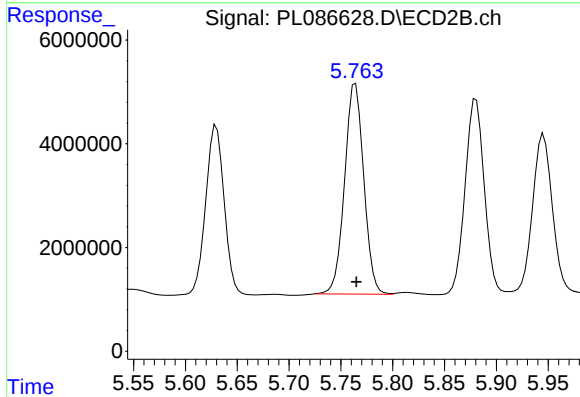
#15 Endosulfan II

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 149787310
Conc: 42.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

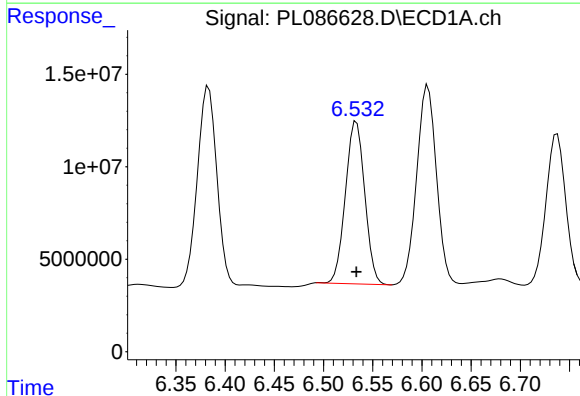
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



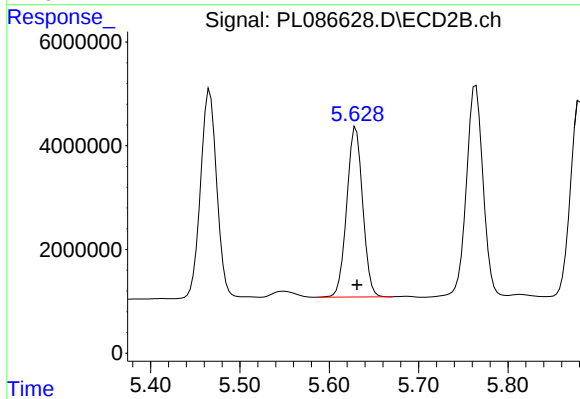
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 52232935
Conc: 47.59 ng/ml



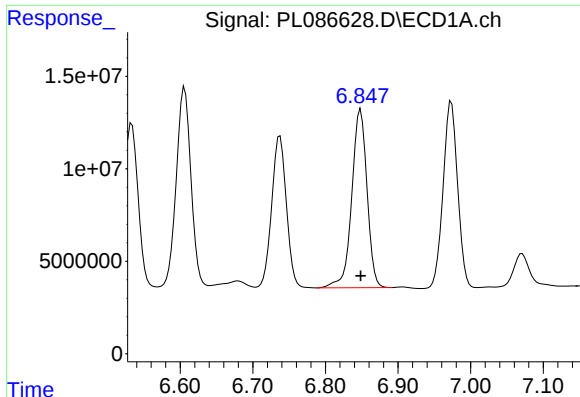
#16 4,4'-DDD

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 119918019
Conc: 45.04 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 40606557
Conc: 47.66 ng/ml



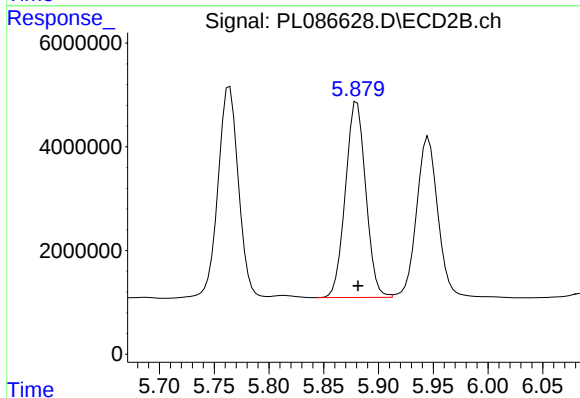
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 140961519
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

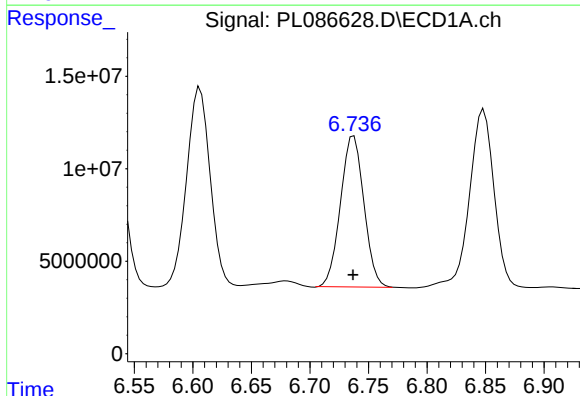
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



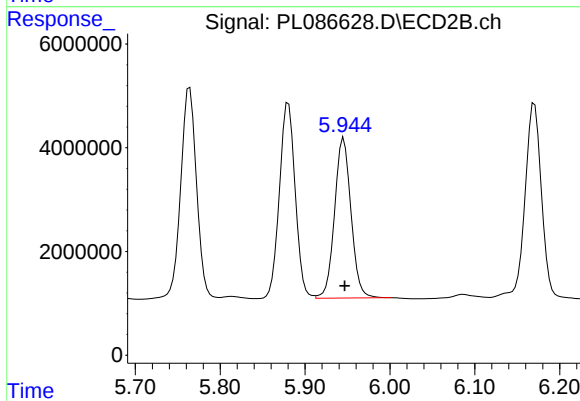
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.001 min
Response: 48809037
Conc: 49.93 ng/ml



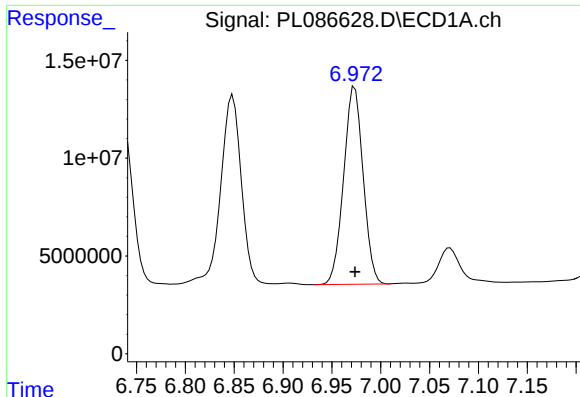
#18 Endrin aldehyde

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 113673761
Conc: 42.88 ng/ml m



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 41514516
Conc: 44.32 ng/ml



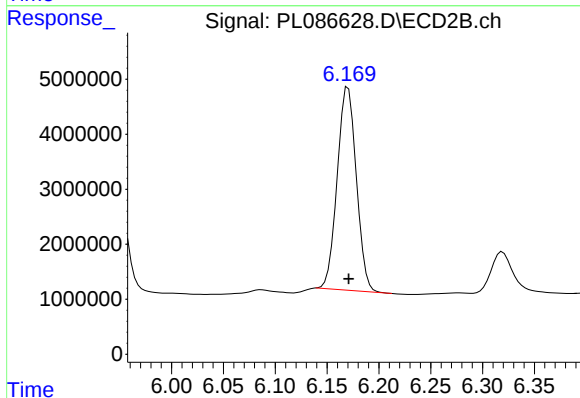
#19 Endosulfan Sulfate

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 140269612
Conc: 41.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

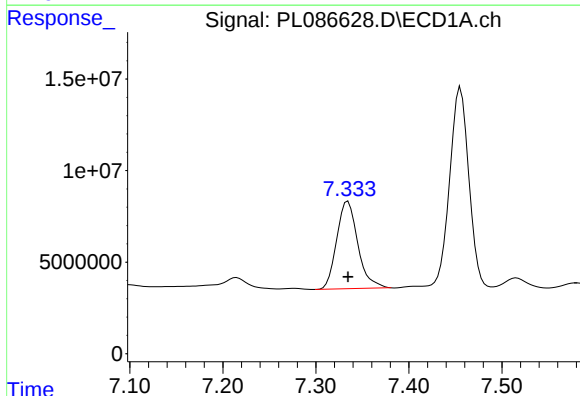
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



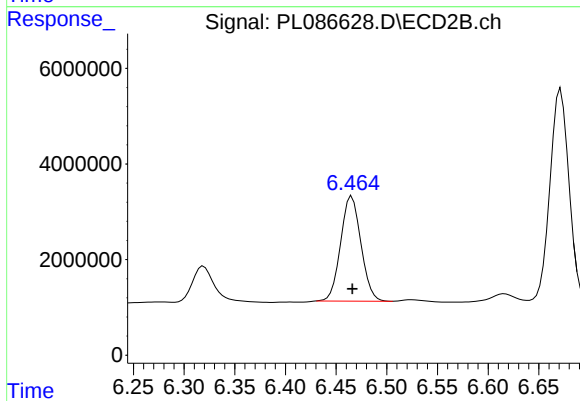
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 47408022
Conc: 43.65 ng/ml m



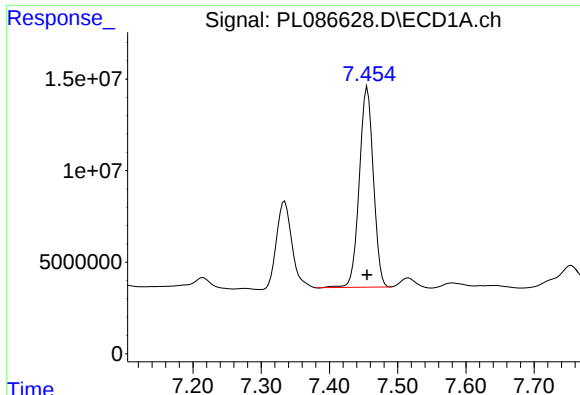
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 75238667
Conc: 47.15 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 30631956
Conc: 51.21 ng/ml



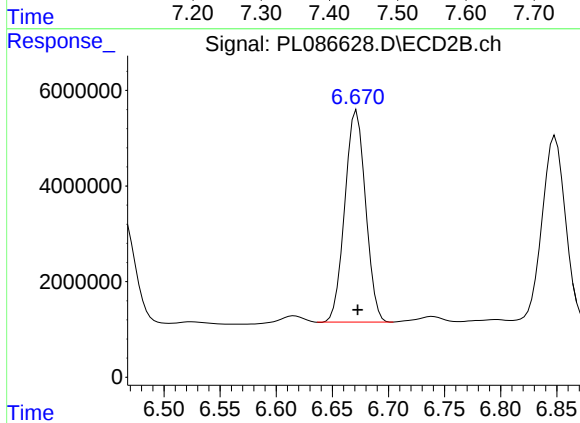
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 156504354
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

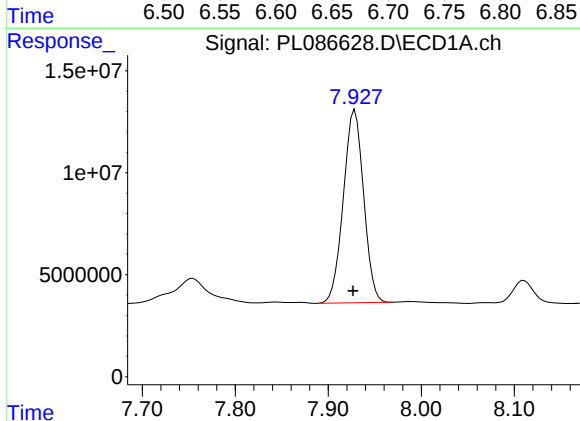
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



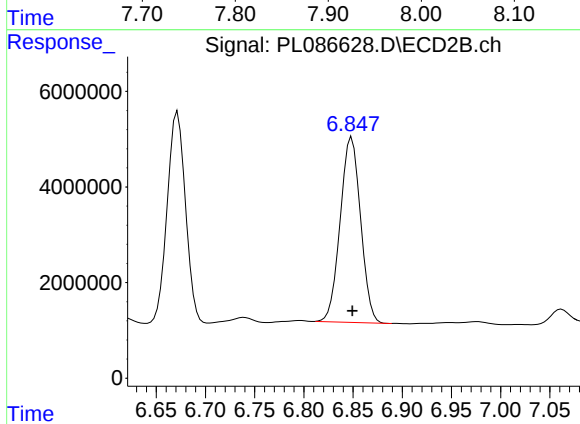
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 57106619
Conc: 44.57 ng/ml



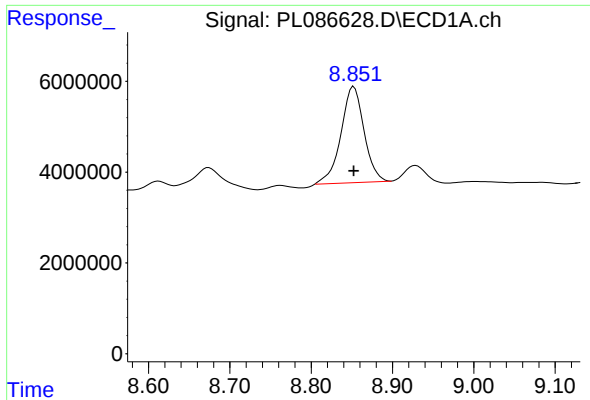
#22 Mirex

R.T.: 7.929 min
Delta R.T.: 0.002 min
Response: 143367748
Conc: 50.77 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 55891755
Conc: 49.17 ng/ml



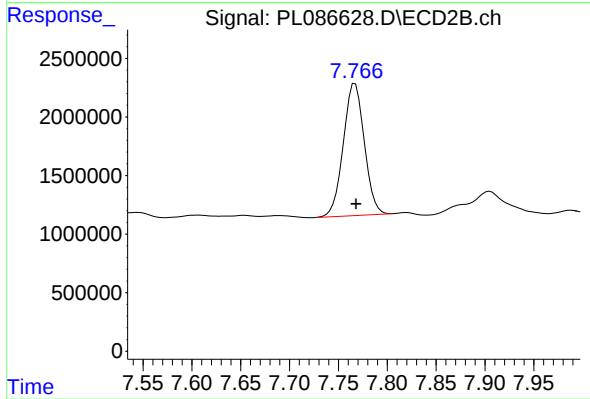
#28 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: 0.000 min
Response: 41612023
Conc: 14.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 16887056
Conc: 13.98 ng/ml