

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101323\
 Data File : PL085932.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2023 21:43
 Operator : AR\AJ
 Sample : 04878-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 222MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2023
 Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:29:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.622	24772593	10098275	8.329m	10.811m#
2) SA Decachlor...	8.858	7.775	42617030	16142037	19.567	17.489
Target Compounds						
2) A alpha-BHC	3.809	3.123	117.8E6	47128511	27.442m	37.459 #
3) MA gamma-BHC...	4.141	3.450	123.7E6	49171010	29.931m	39.868 #
4) MA Heptachlor	4.729	3.784	113.8E6	50484030	29.418m	43.406m#
5) MB Aldrin	5.069	4.062	111.0E6	47927711	28.624m	42.859m#
6) B beta-BHC	4.346	3.751	49091570	22675587	29.687	43.558 #
7) B delta-BHC	4.589	3.976	130.0E6	44730121	33.916	38.931
8) B Heptachlo...	5.499	4.567	122.4E6	40938203	35.467	40.759
9) A Endosulfan I	5.882	4.935	93646849	45854028	28.957m	42.745 #
10) B gamma-Chl...	5.755	4.817	111.3E6	44278456	32.535m	44.708m#
11) B alpha-Chl...	5.835	4.881	130.7E6	42069634	38.244m	38.570m
12) B 4,4'-DDE	6.019	5.081	117.4E6	41493099	41.987	50.531
13) MA Dieldrin	6.160	5.200	111.3E6	46753552	33.858	48.188 #
14) MA Endrin	6.388	5.474	122.4E6	40688486	42.934	45.259
15) B Endosulfa...	6.610	5.771	107.5E6	43843295	39.017m	46.105
16) A 4,4'-DDD	6.537	5.636	85381709	38156241	42.380m	54.819m#
17) MA 4,4'-DDT	6.854	5.888	105.0E6	41054724	44.543	51.918
18) B Endrin al...	6.742	5.953	82890106	31900555	40.898	42.779
19) B Endosulfa...	6.978	6.177	106.0E6	40435732	42.233	44.823
20) A Methoxychlor	7.336	6.473	49195410	23417604	35.225m	44.514 #
21) B Endrin ke...	7.460	6.678	126.0E6	47986222	43.736	41.748m
22) Mirex	7.932	6.856	136.0E6	43851833	61.443	46.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101323\
Data File : PL085932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2023 21:43
Operator : AR\AJ
Sample : 04878-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

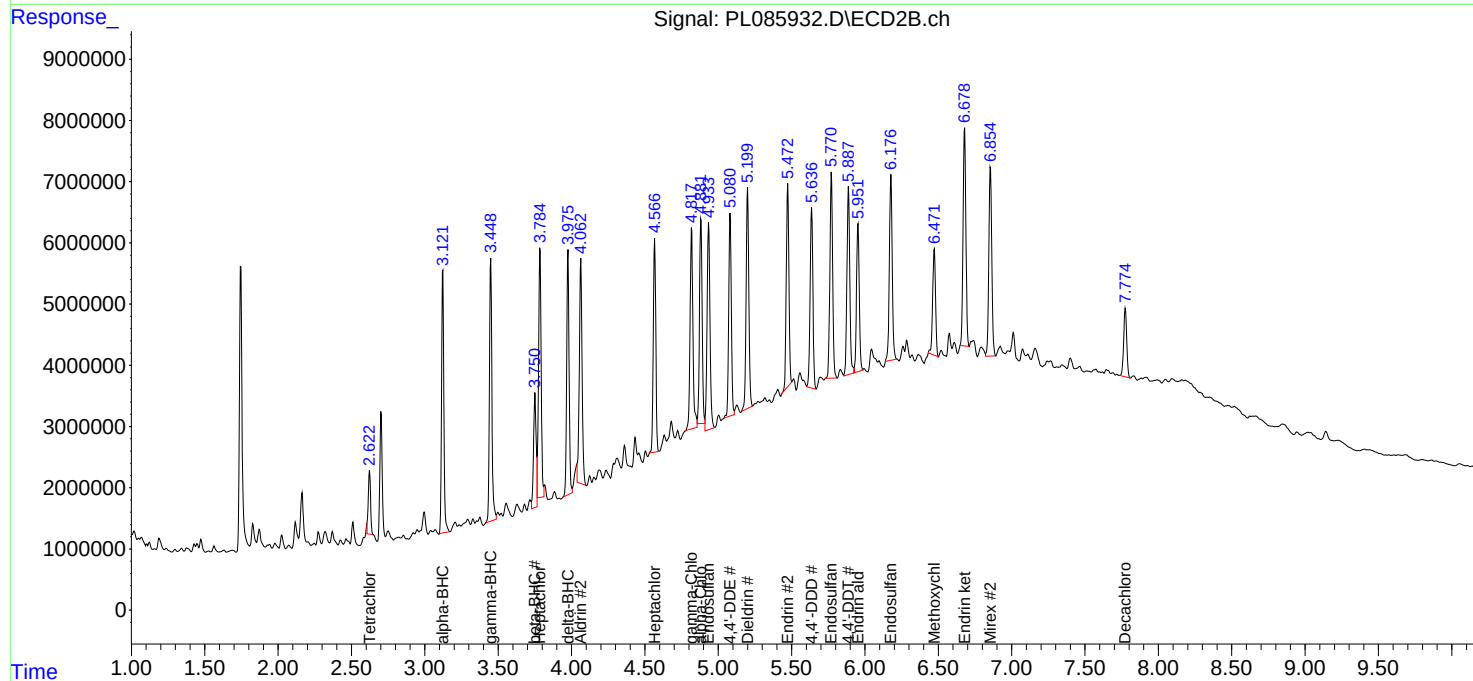
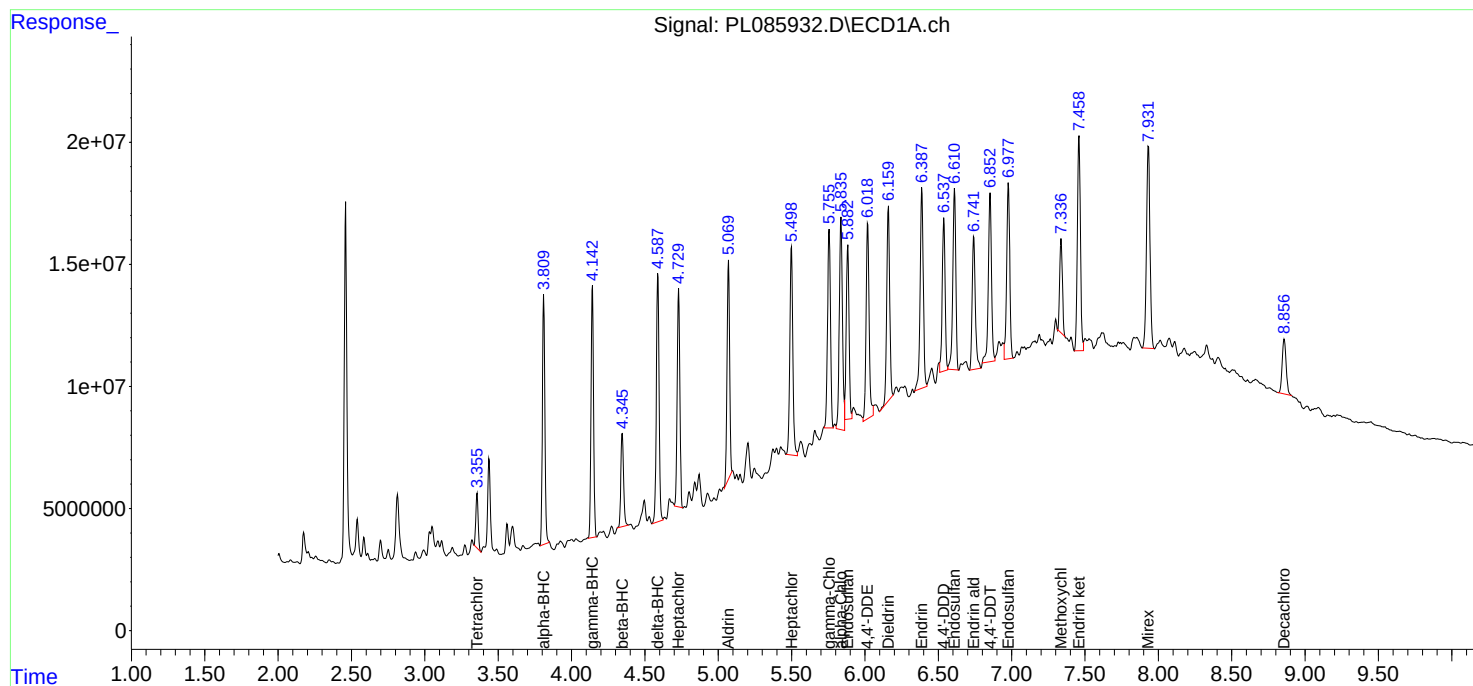
Instrument :
ECD_L
ClientSampleId :
222MSD

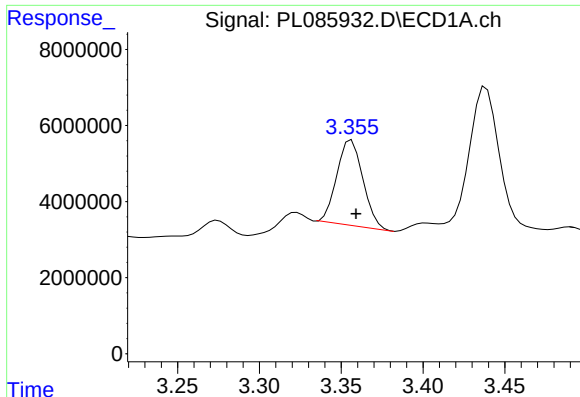
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:29:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





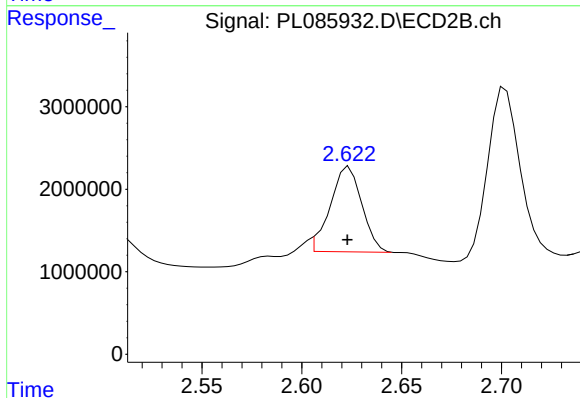
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 24772593
Conc: 8.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

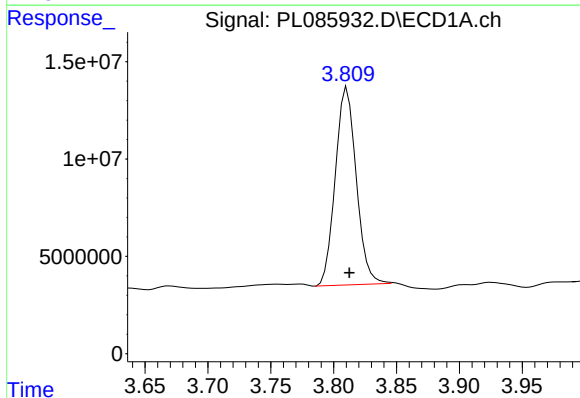
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



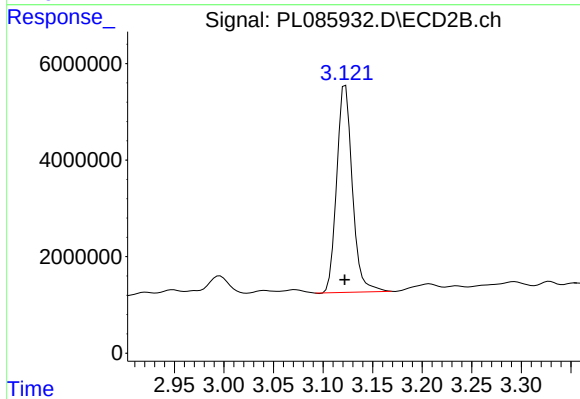
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 10098275
Conc: 10.81 ng/ml m



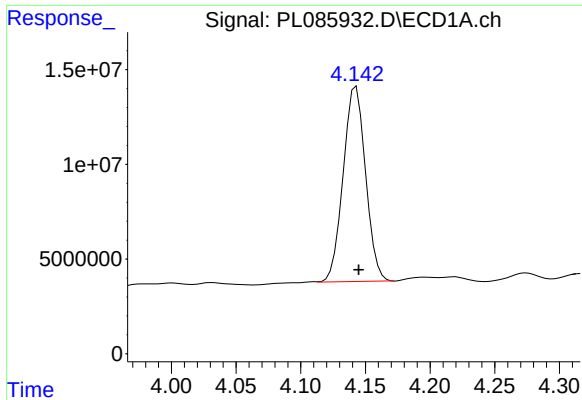
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 117778090
Conc: 27.44 ng/ml m



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 47128511
Conc: 37.46 ng/ml



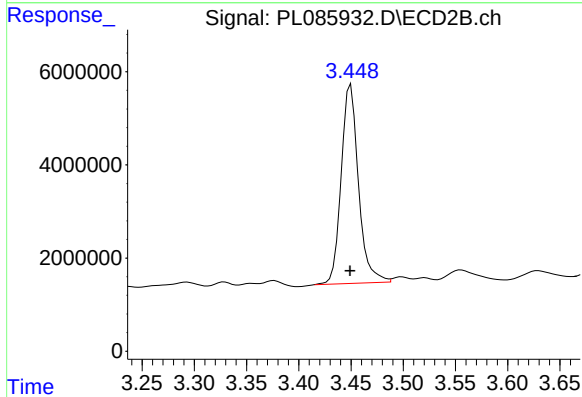
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 123715664
Conc: 29.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

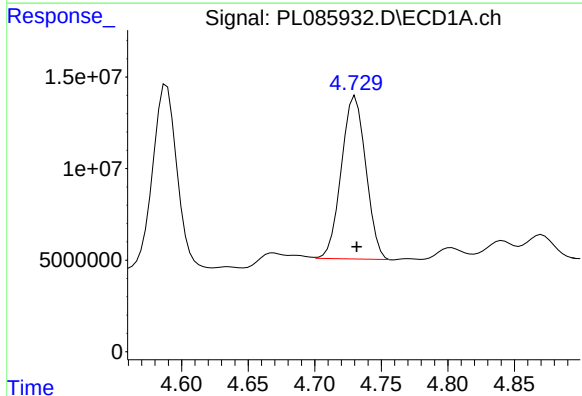
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



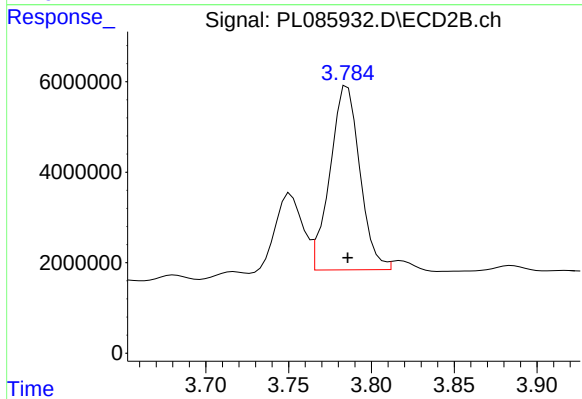
#3 gamma-BHC (Lindane)

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 49171010
Conc: 39.87 ng/ml



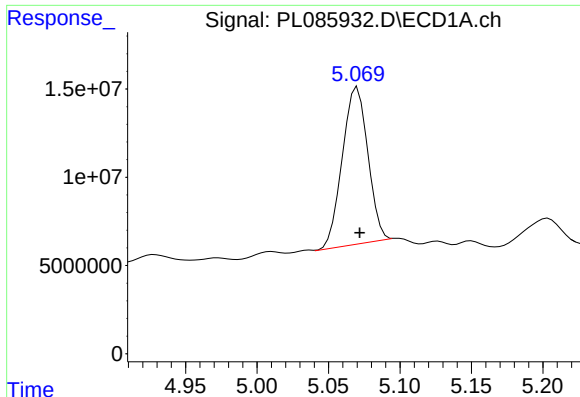
#4 Heptachlor

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 113779201
Conc: 29.42 ng/ml m



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 50484030
Conc: 43.41 ng/ml m



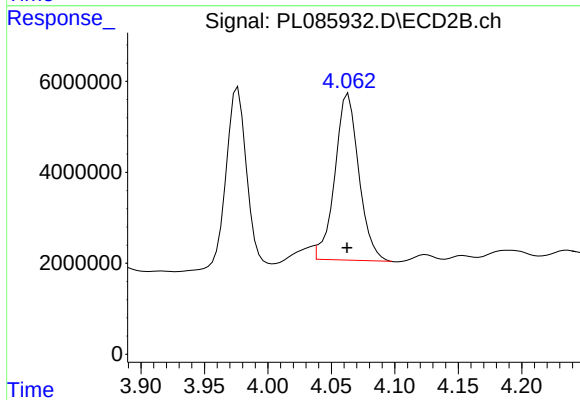
#5 Aldrin

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 110955973
Conc: 28.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

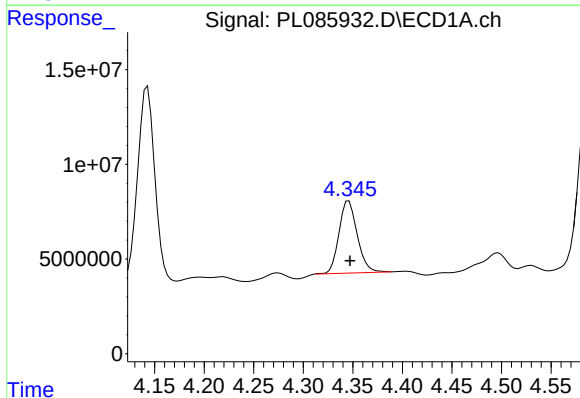
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



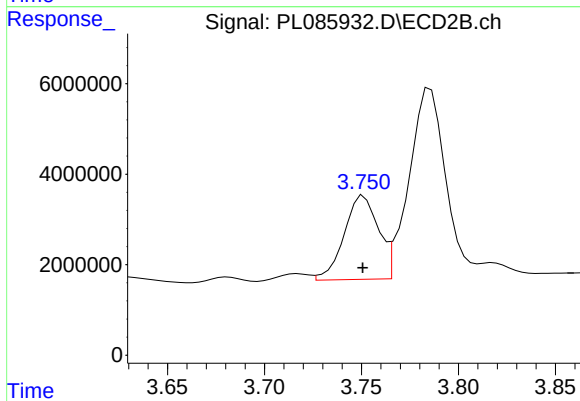
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 47927711
Conc: 42.86 ng/ml m



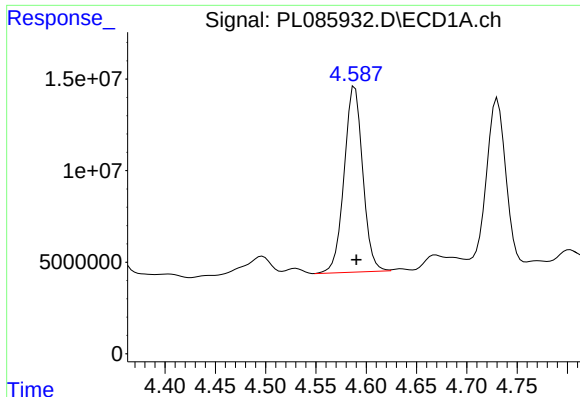
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 49091570
Conc: 29.69 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 22675587
Conc: 43.56 ng/ml



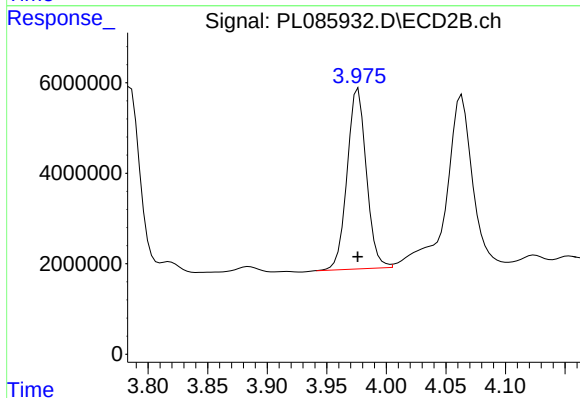
#7 delta-BHC

R.T.: 4.589 min
Delta R.T.: -0.002 min
Response: 130047959
Conc: 33.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

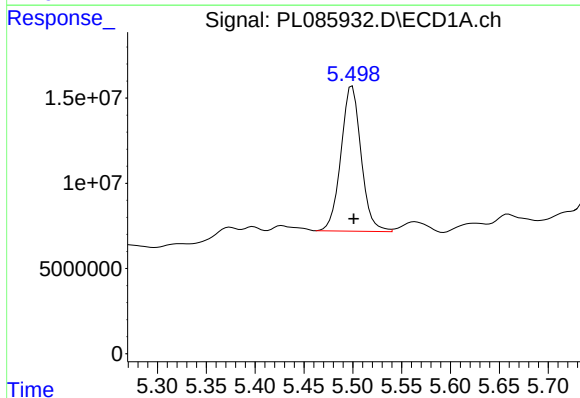
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



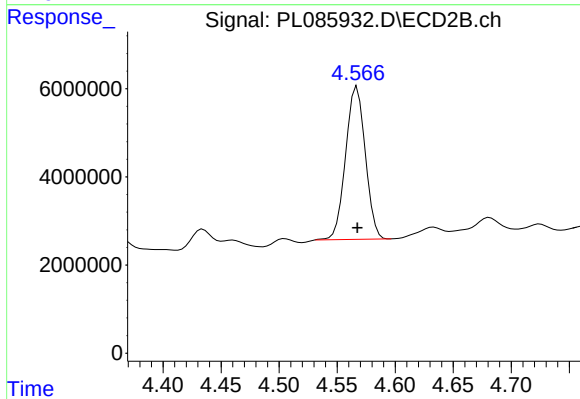
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 44730121
Conc: 38.93 ng/ml



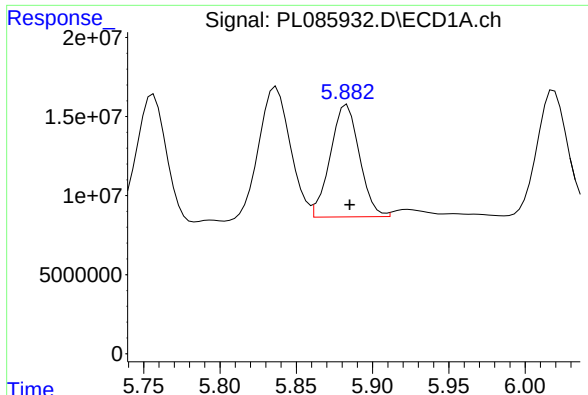
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 122355060
Conc: 35.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 40938203
Conc: 40.76 ng/ml



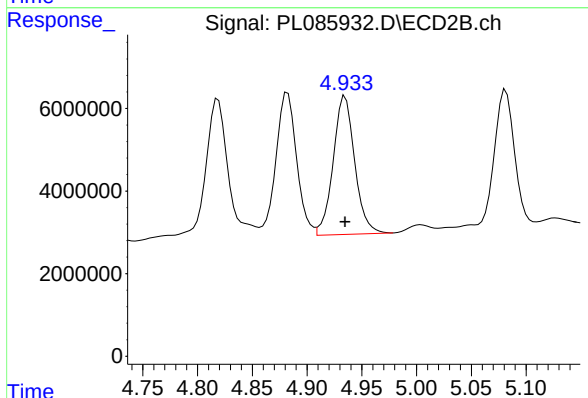
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 93646849
Conc: 28.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

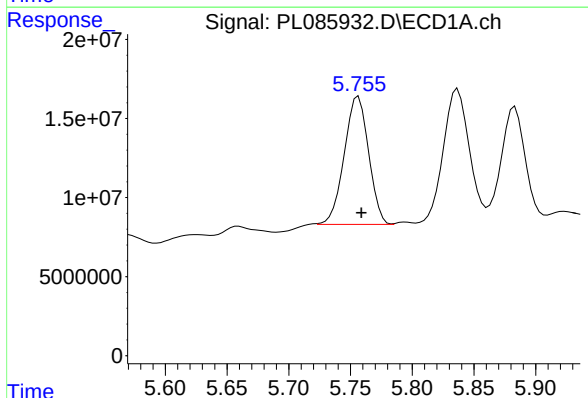
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



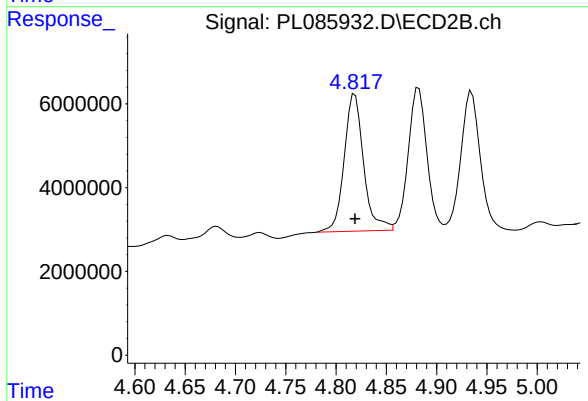
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 45854028
Conc: 42.74 ng/ml



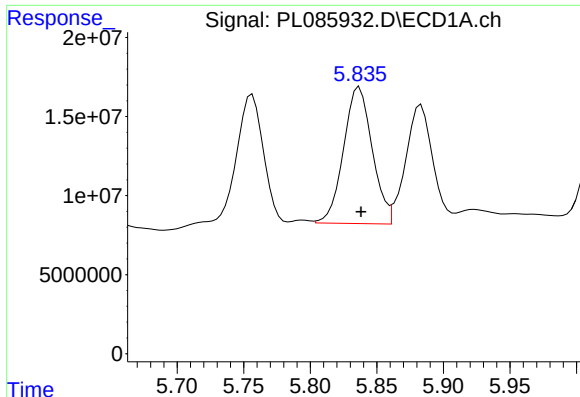
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 111316517
Conc: 32.54 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 44278456
Conc: 44.71 ng/ml m



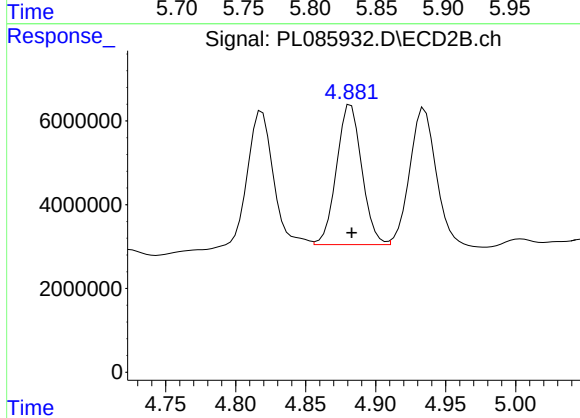
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 130706098
Conc: 38.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

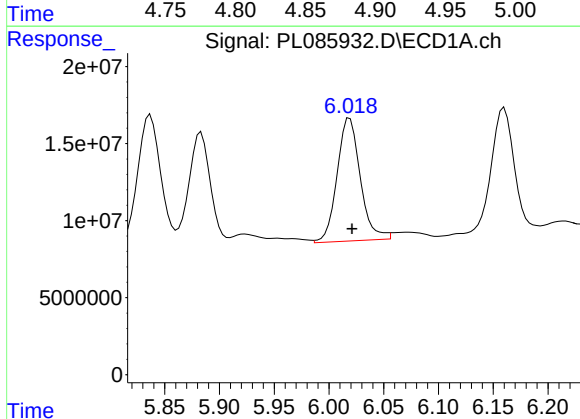
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



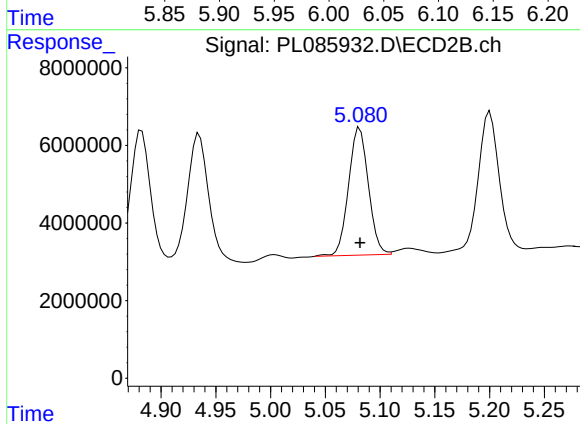
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 42069634
Conc: 38.57 ng/ml m



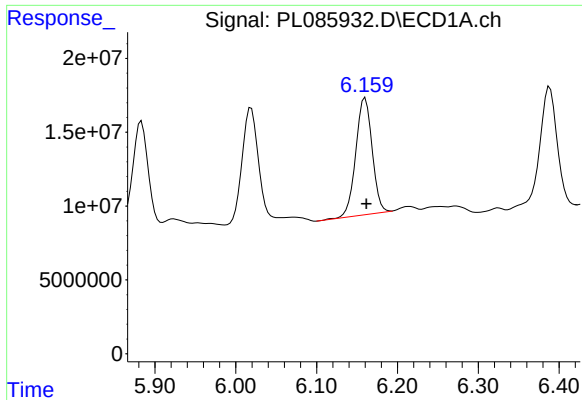
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 117419789
Conc: 41.99 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 41493099
Conc: 50.53 ng/ml



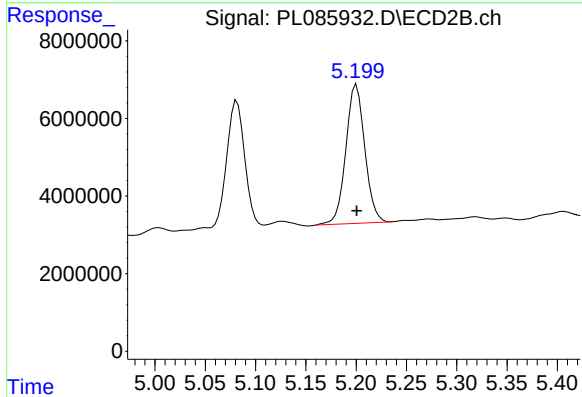
#13 Dieldrin

R.T.: 6.160 min
Delta R.T.: -0.001 min
Response: 111255695
Conc: 33.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

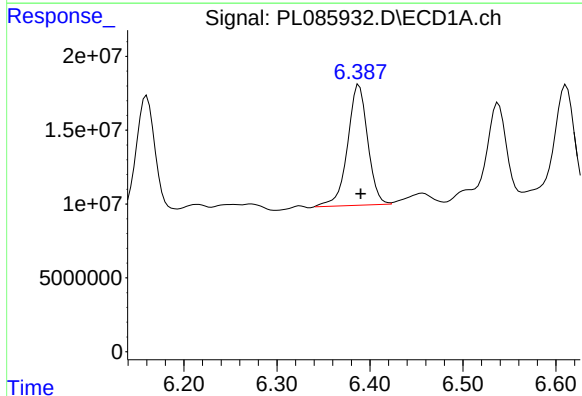
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



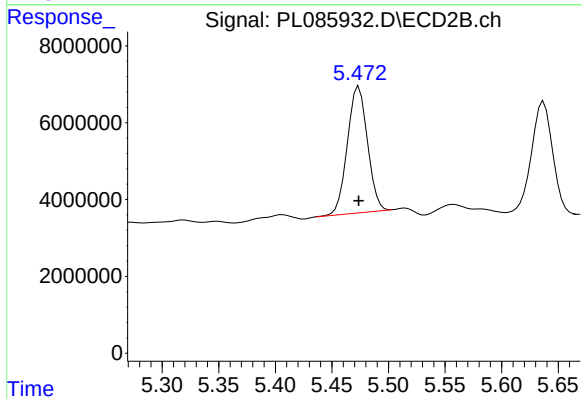
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 46753552
Conc: 48.19 ng/ml



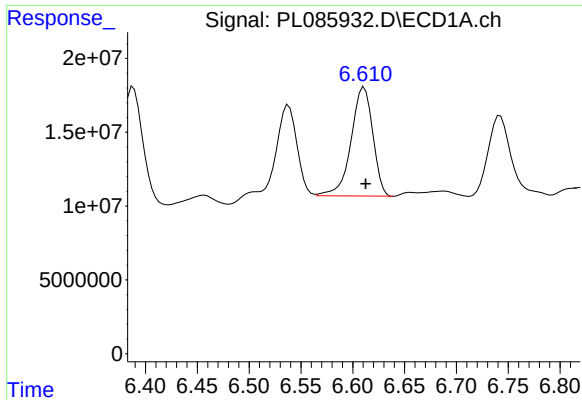
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 122352631
Conc: 42.93 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 40688486
Conc: 45.26 ng/ml



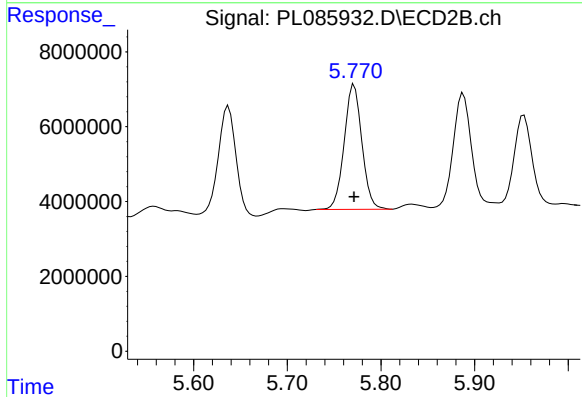
#15 Endosulfan II

R.T.: 6.610 min
Delta R.T.: -0.003 min
Response: 107511218
Conc: 39.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

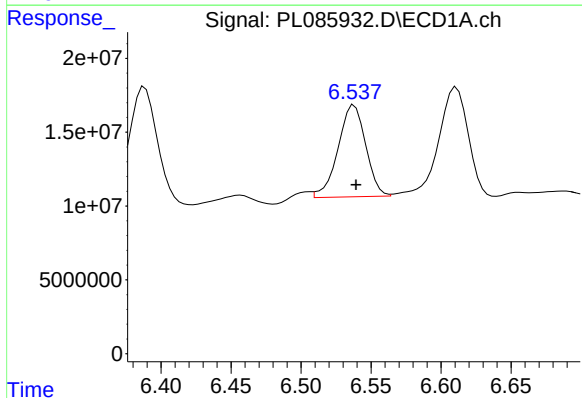
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



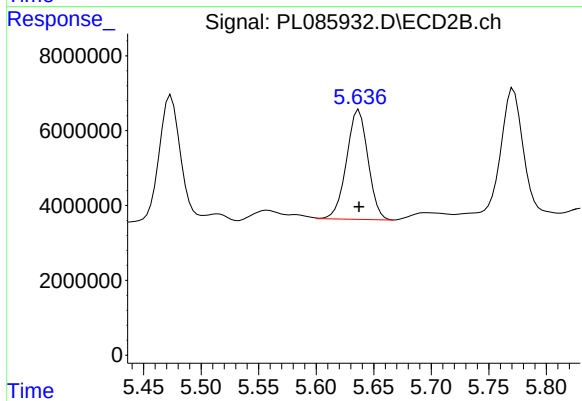
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 43843295
Conc: 46.11 ng/ml



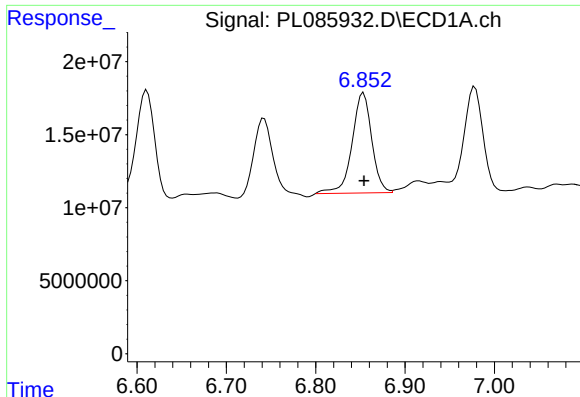
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 85381709
Conc: 42.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 38156241
Conc: 54.82 ng/ml m



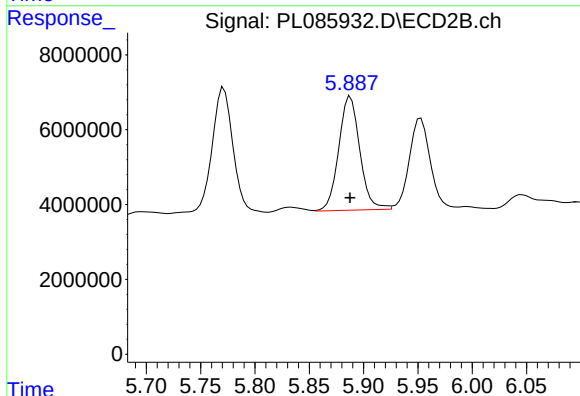
#17 4,4'-DDT

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 104991398
Conc: 44.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

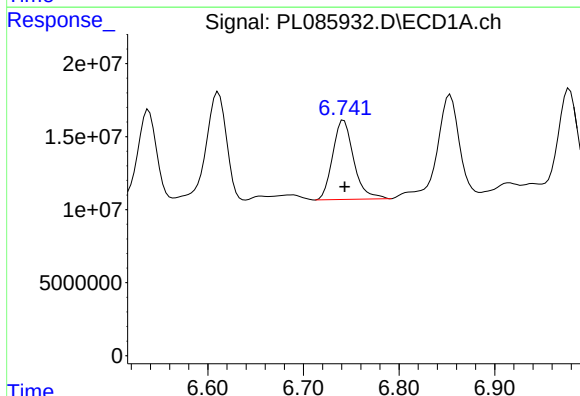
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



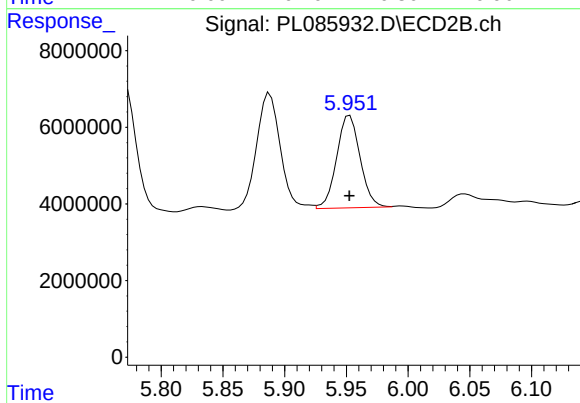
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 41054724
Conc: 51.92 ng/ml



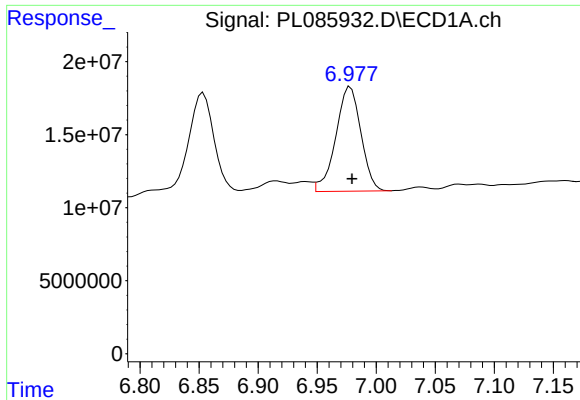
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 82890106
Conc: 40.90 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 31900555
Conc: 42.78 ng/ml



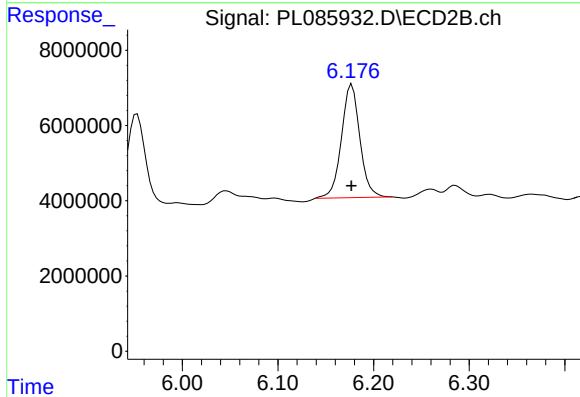
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 105994037
Conc: 42.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

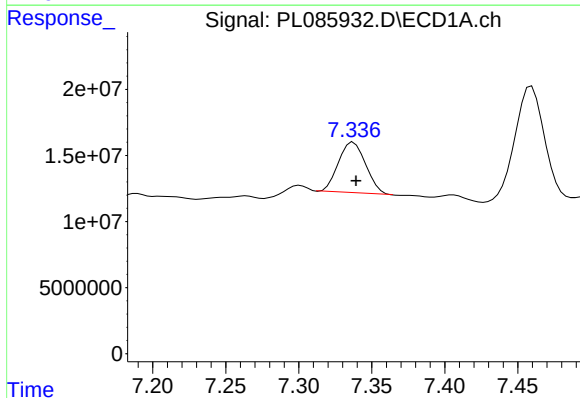
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



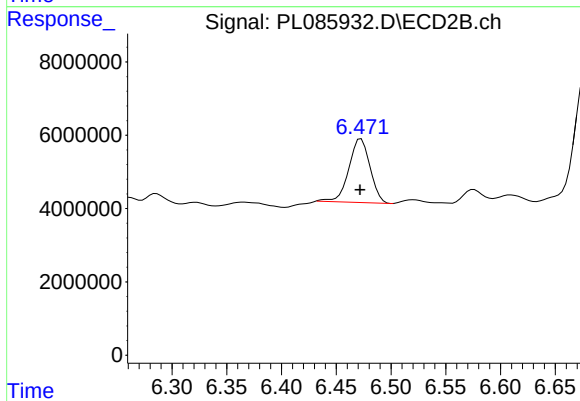
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 40435732
Conc: 44.82 ng/ml



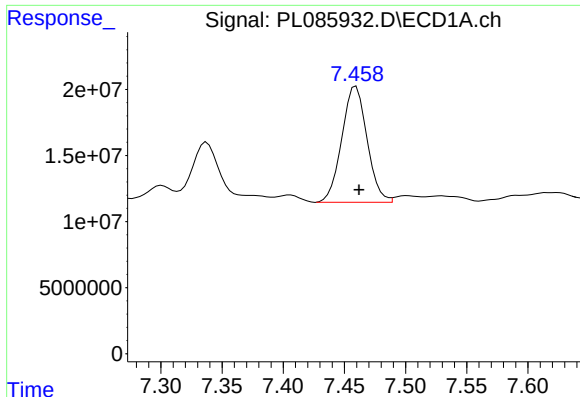
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 49195410
Conc: 35.22 ng/ml m



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 23417604
Conc: 44.51 ng/ml



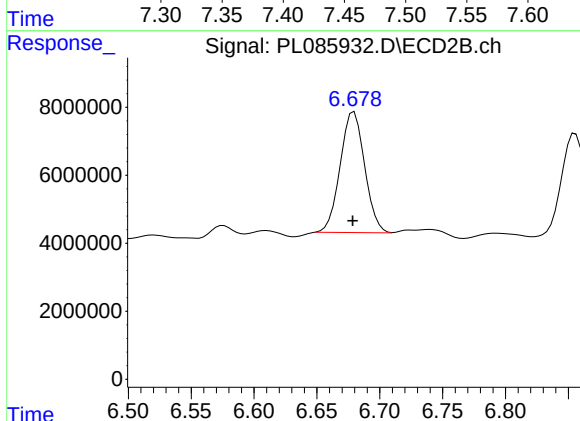
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 125970927
Conc: 43.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

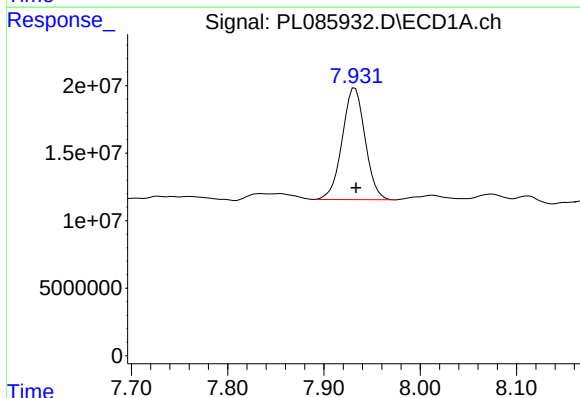
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



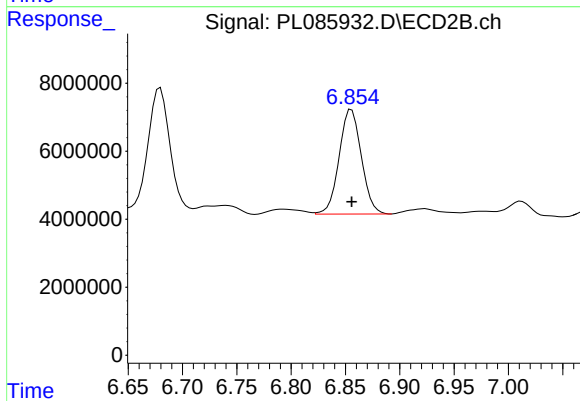
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 47986222
Conc: 41.75 ng/ml m



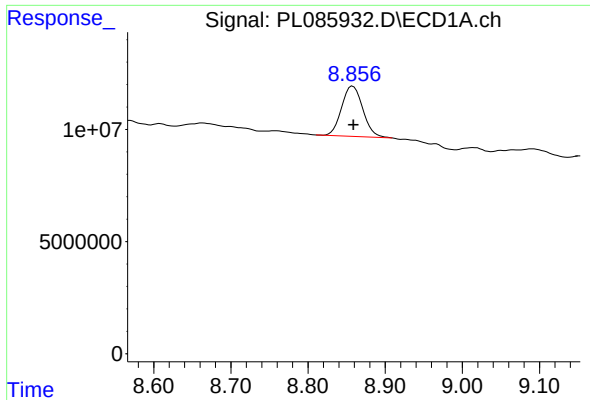
#22 Mirex

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 136033129
Conc: 61.44 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 43851833
Conc: 46.49 ng/ml



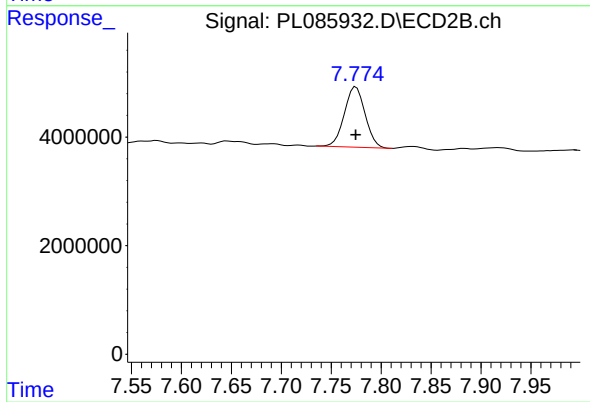
#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 42617030
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
222MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2023
Supervised By :Ankita Jodhani 10/17/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 16142037
Conc: 17.49 ng/ml