

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091623\
 Data File : PL085371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2023 17:51
 Operator : AR\AJ
 Sample : 04441-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11976MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/18/2023
 Supervised By :Ankita Jodhani 09/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:11:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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...	3.475	2.683	47042669	22335475	19.233	19.658
28)	SA Decachlor...	9.023	7.858	25834181	23446306	16.065	17.614m
Target Compounds							
2)	A alpha-BHC	3.932	3.187	164.0E6	82270117	47.581m	50.303
3)	MA gamma-BHC...	4.266	3.518	153.6E6	79319708	46.259m	49.699
4)	MA Heptachlor	4.859	3.858	149.5E6	76828282	45.330	50.624
5)	MB Aldrin	5.201	4.137	128.4E6	73897772	41.765	48.341
6)	B beta-BHC	4.466	3.820	65650482	33155634	46.451m	48.863
7)	B delta-BHC	4.713	4.048	162.1E6	76101095	51.302	48.669
8)	B Heptachlo...	5.631	4.644	129.0E6	66897861	49.427	48.749
9)	A Endosulfan I	6.017	5.014	101.5E6	62952508	42.278	45.566
10)	B gamma-Chl...	5.889	4.897	133.5E6	82184948	51.407	59.585
11)	B alpha-Chl...	5.969	4.961	141.2E6	78092539	54.870	52.257
12)	B 4,4'-DDE	6.147	5.159	102.4E6	70357084	49.251	56.555
13)	MA Dieldrin	6.294	5.279	107.4E6	71577951	44.066	50.914m
14)	MA Endrin	6.524	5.556	81810613	62049474	39.605	48.544
15)	B Endosulfa...	6.745	5.854	80063660	59024345	39.566	47.669
16)	A 4,4'-DDD	6.665	5.716	77635546	53077650	50.424m	50.521
17)	MA 4,4'-DDT	6.982	5.968	93743517	63724470	55.648	54.659
18)	B Endrin al...	6.875	6.036	60772773	47833680	39.536	46.830
19)	B Endosulfa...	7.111	6.260	73331140	51605005	39.177	43.004
20)	A Methoxychlor	7.465	6.554	39762873	32705966	43.763	48.618
21)	B Endrin ke...	7.595	6.765	78042051	61225391	39.840	41.509
22)	Mirex	8.071	6.945	68925023	45927542	41.385	38.783

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091623\
Data File : PL085371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2023 17:51
Operator : AR\AJ
Sample : 04441-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

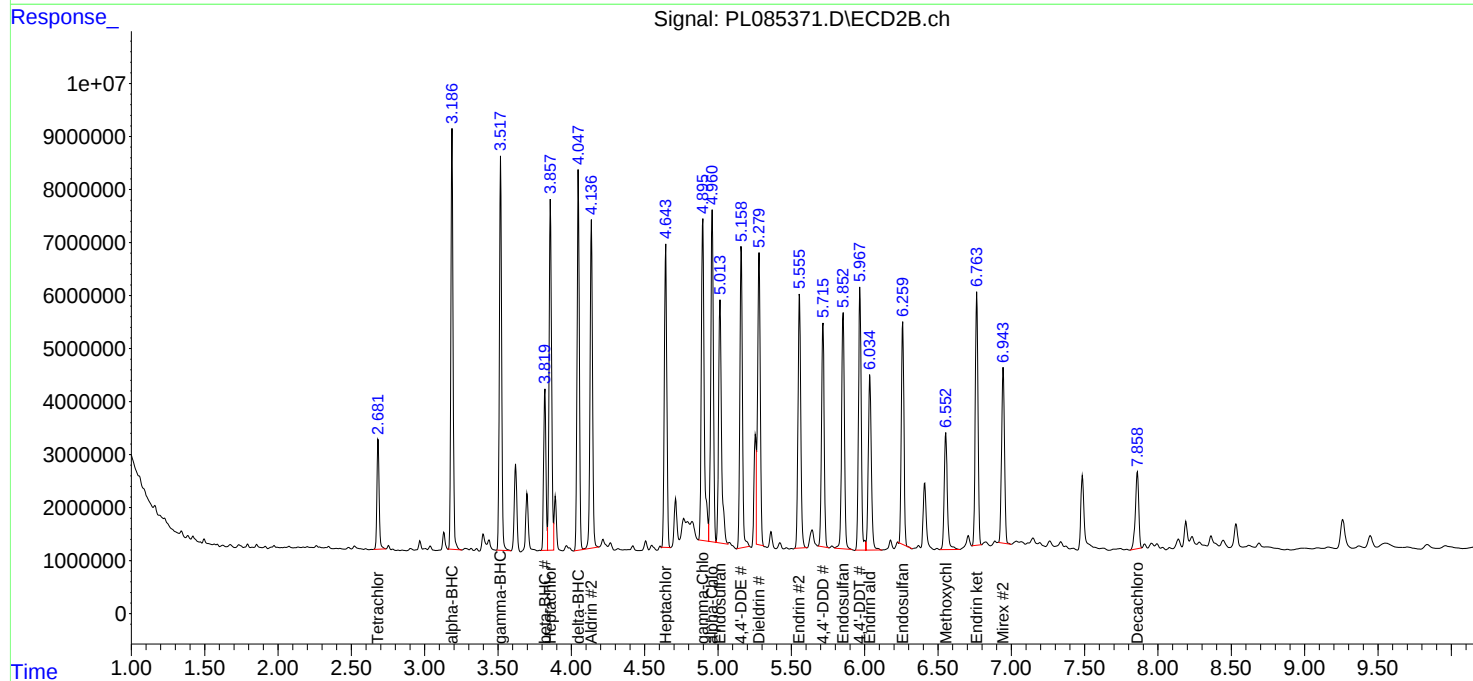
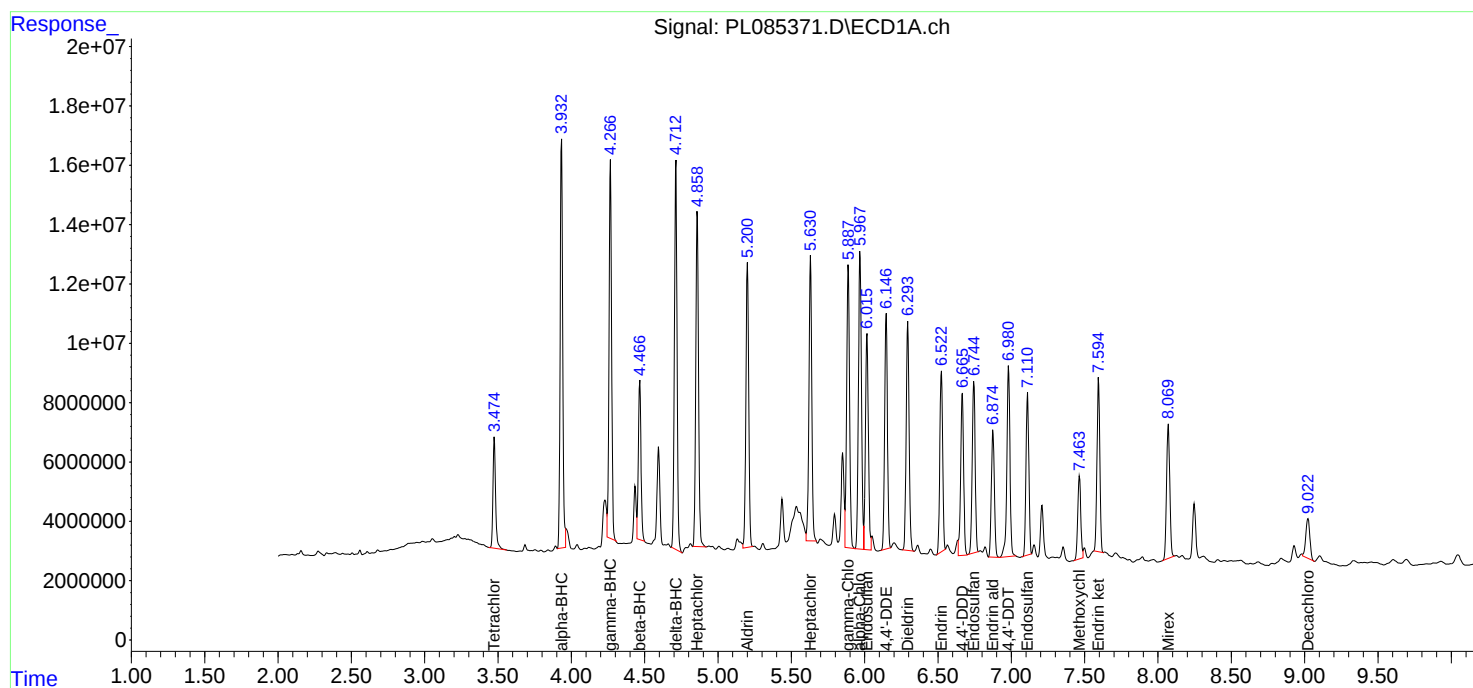
Instrument :
ECD_L
ClientSampleId :
72-11976MS

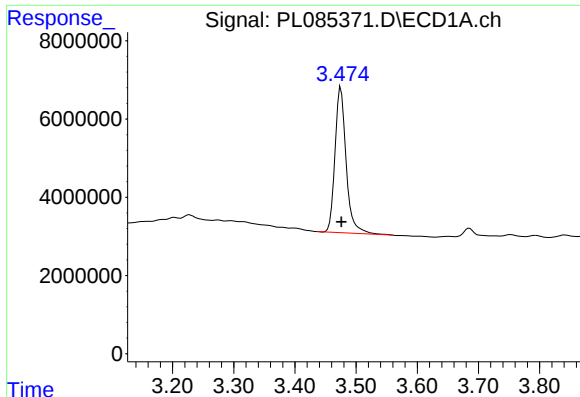
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:11:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 05 15:22:36 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





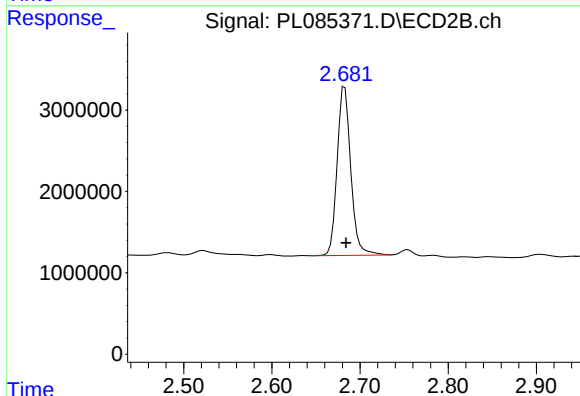
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.000 min
Response: 47042669
Conc: 19.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

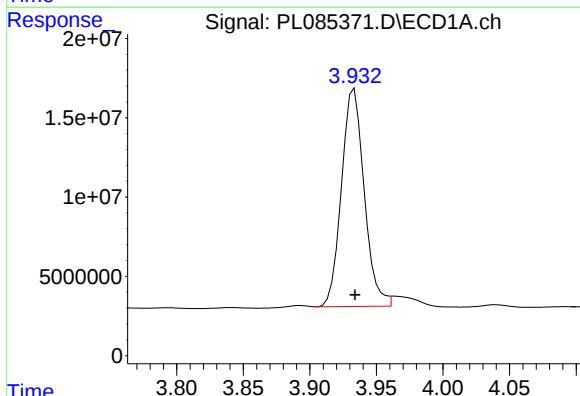
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



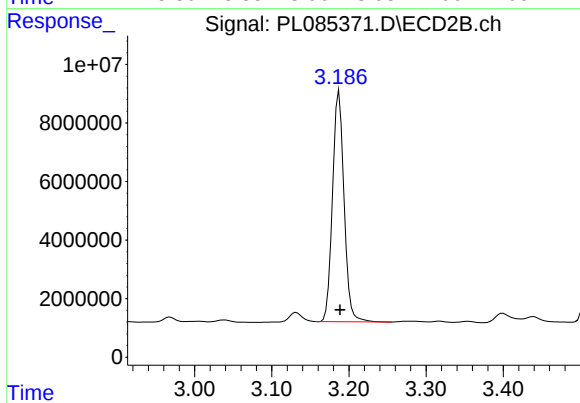
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: -0.001 min
Response: 22335475
Conc: 19.66 ng/ml



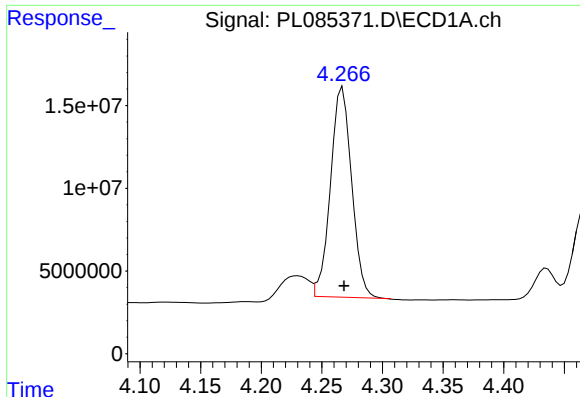
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: -0.002 min
Response: 163954460
Conc: 47.58 ng/ml m



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.001 min
Response: 82270117
Conc: 50.30 ng/ml



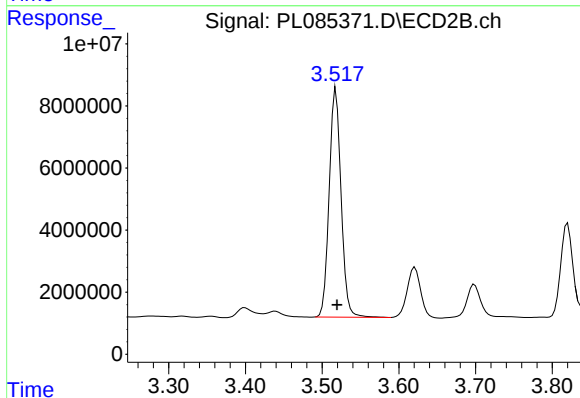
#3 gamma-BHC (Lindane)

R.T.: 4.266 min
Delta R.T.: -0.003 min
Response: 153564449
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

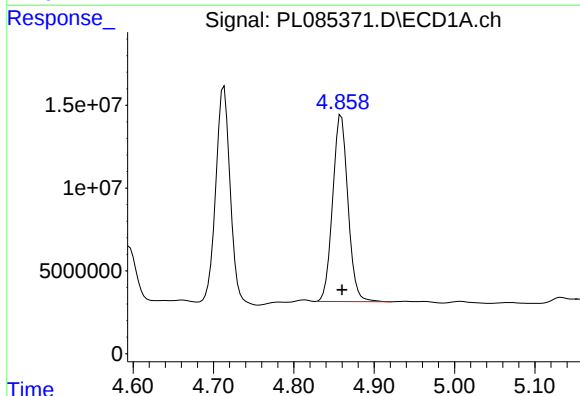
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



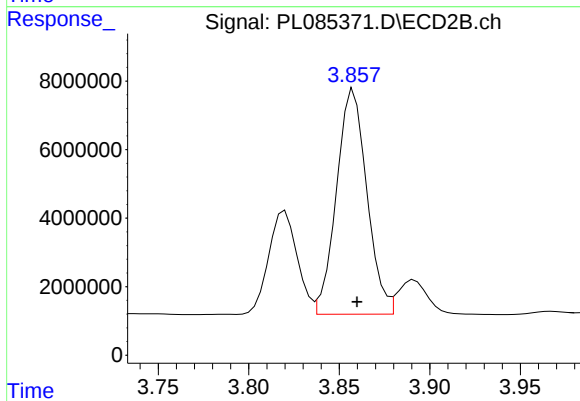
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.001 min
Response: 79319708
Conc: 49.70 ng/ml



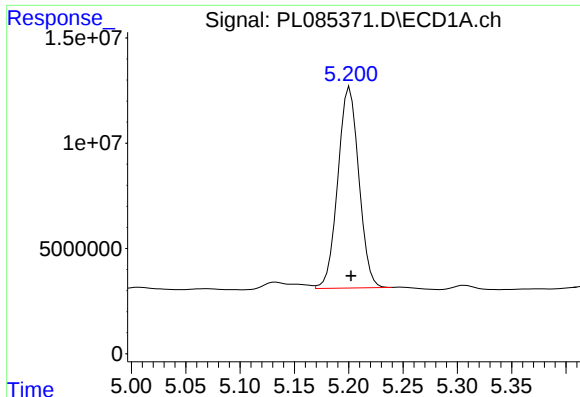
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 149468829
Conc: 45.33 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.002 min
Response: 76828282
Conc: 50.62 ng/ml



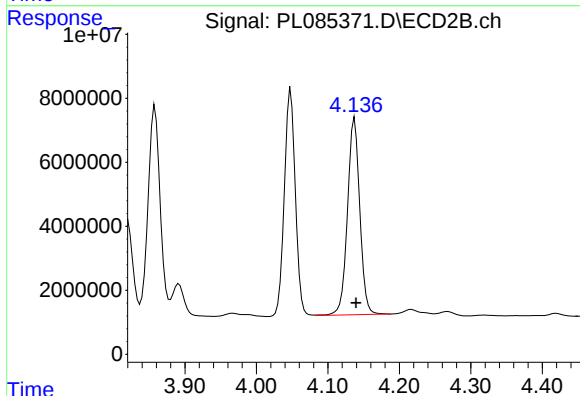
#5 Aldrin

R.T.: 5.201 min
Delta R.T.: -0.001 min
Response: 128420849
Conc: 41.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

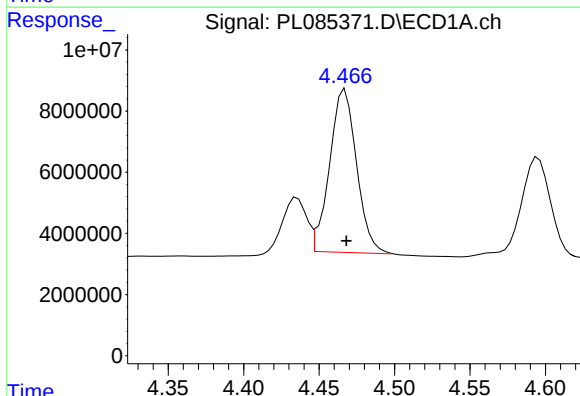
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



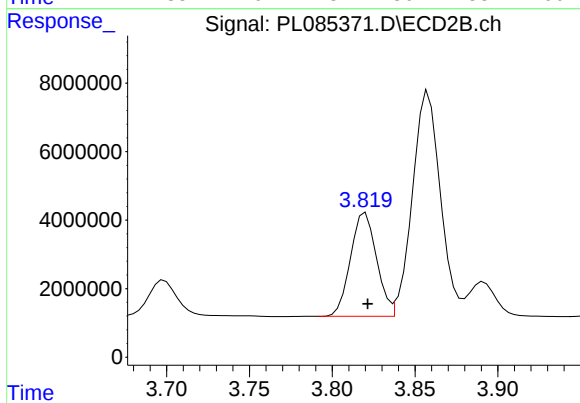
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 73897772
Conc: 48.34 ng/ml



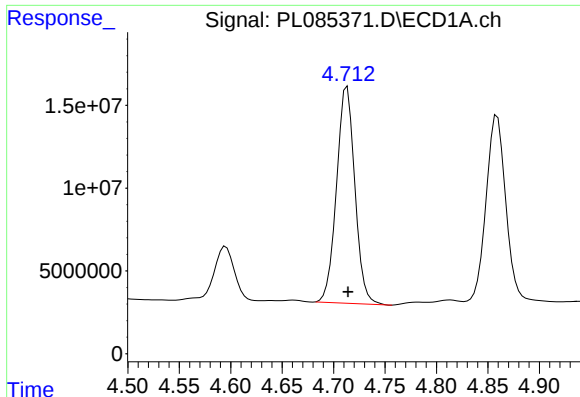
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 65650482
Conc: 46.45 ng/ml m



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.001 min
Response: 33155634
Conc: 48.86 ng/ml



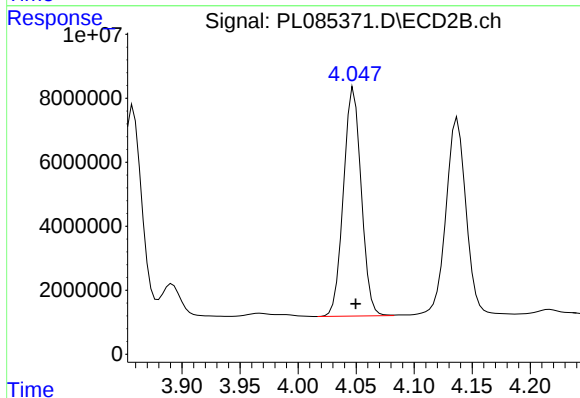
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 162143019
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

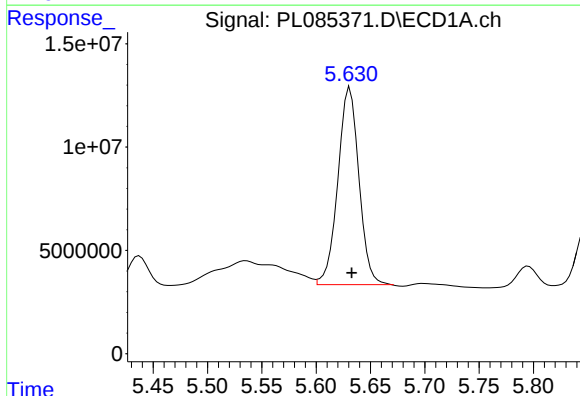
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



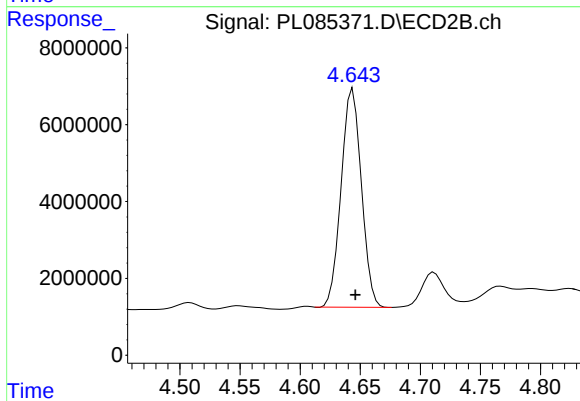
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 76101095
Conc: 48.67 ng/ml



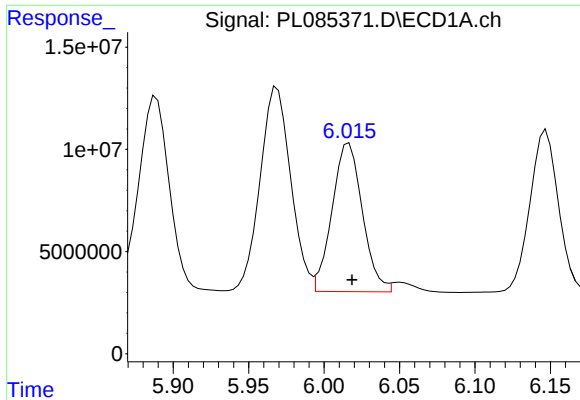
#8 Heptachlor epoxide

R.T.: 5.631 min
Delta R.T.: -0.001 min
Response: 129002597
Conc: 49.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.002 min
Response: 66897861
Conc: 48.75 ng/ml



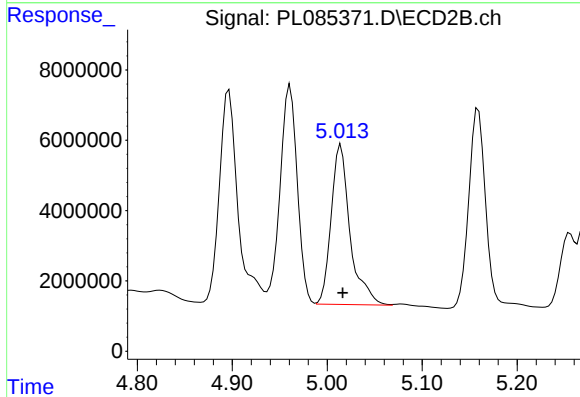
#9 Endosulfan I

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 101537720
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

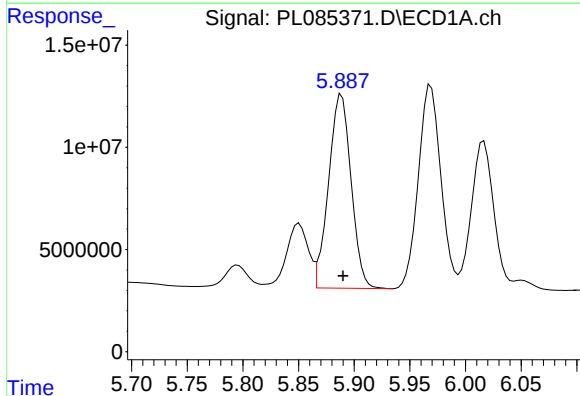
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



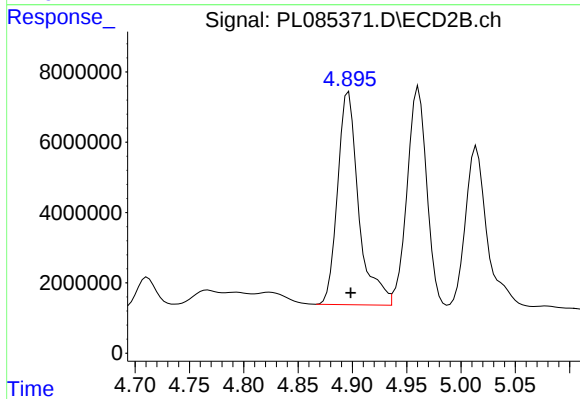
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 62952508
Conc: 45.57 ng/ml



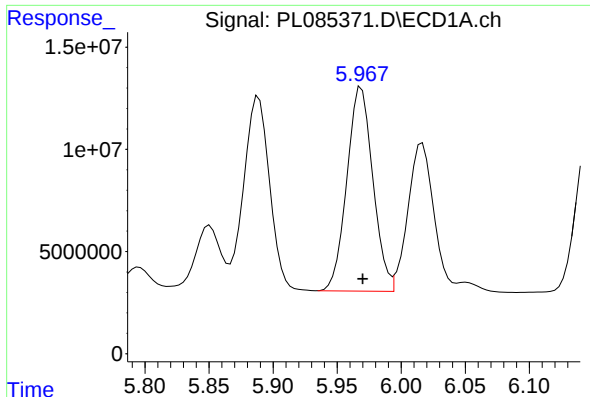
#10 gamma-Chlordane

R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 133543836
Conc: 51.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.002 min
Response: 82184948
Conc: 59.58 ng/ml



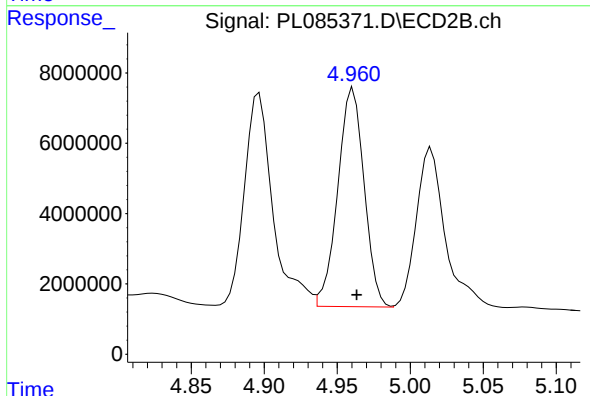
#11 alpha-Chlordane

R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 141182386
Conc: 54.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

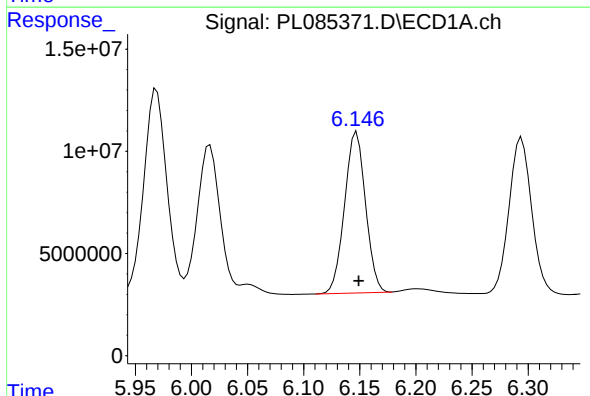
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



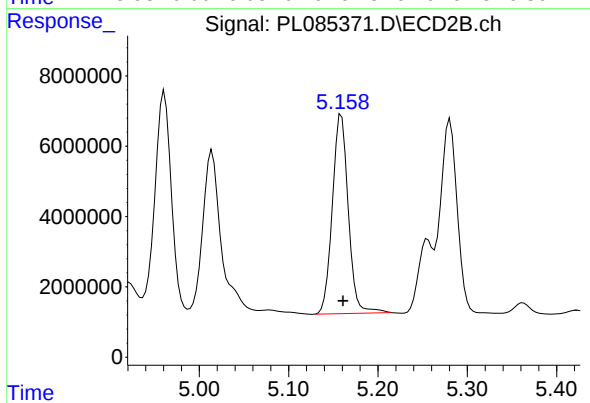
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 78092539
Conc: 52.26 ng/ml



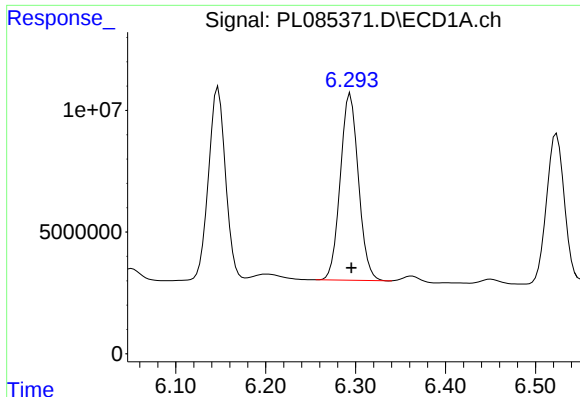
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 102378118
Conc: 49.25 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 70357084
Conc: 56.55 ng/ml



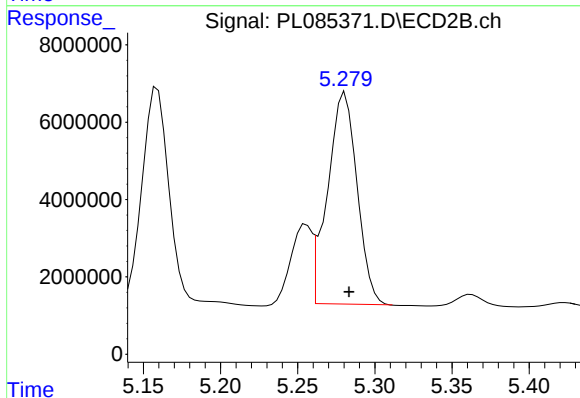
#13 Dieldrin

R.T.: 6.294 min
Delta R.T.: -0.001 min
Response: 107366336
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

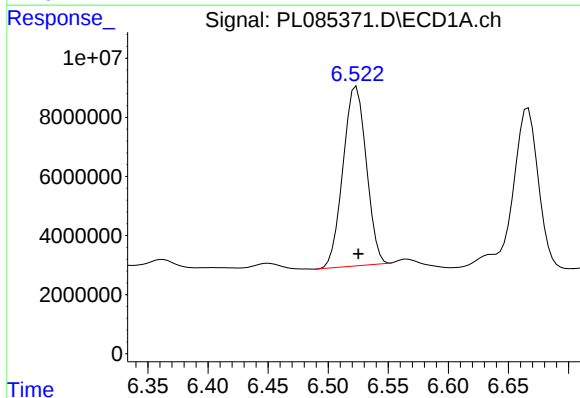
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



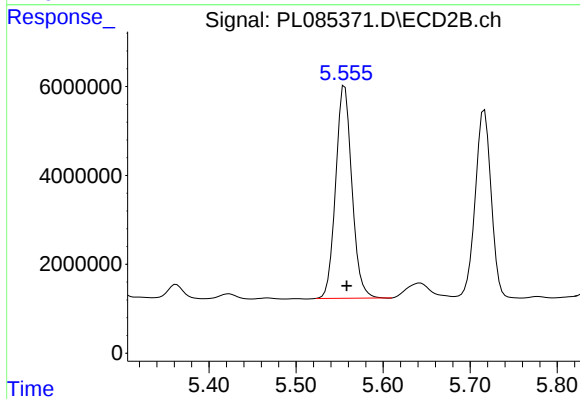
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: -0.004 min
Response: 71577951
Conc: 50.91 ng/ml m



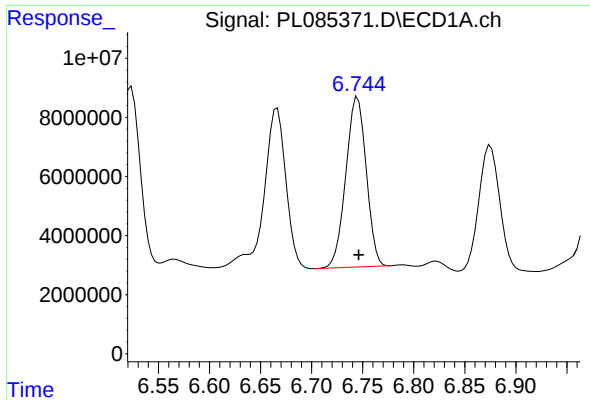
#14 Endrin

R.T.: 6.524 min
Delta R.T.: -0.002 min
Response: 81810613
Conc: 39.61 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 62049474
Conc: 48.54 ng/ml



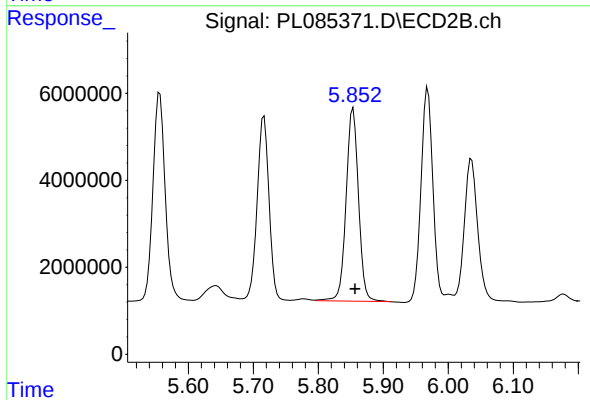
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 80063660
Conc: 39.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

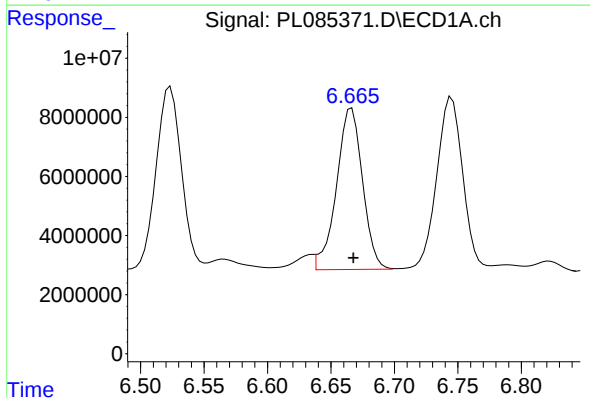
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



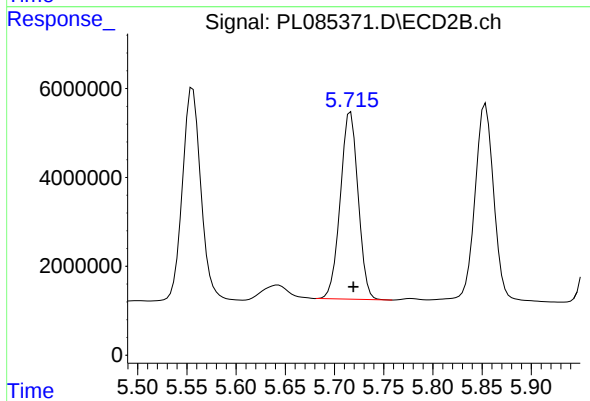
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 59024345
Conc: 47.67 ng/ml



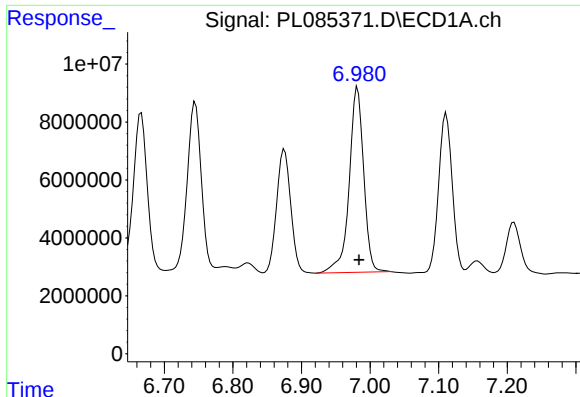
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 77635546
Conc: 50.42 ng/ml m



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 53077650
Conc: 50.52 ng/ml



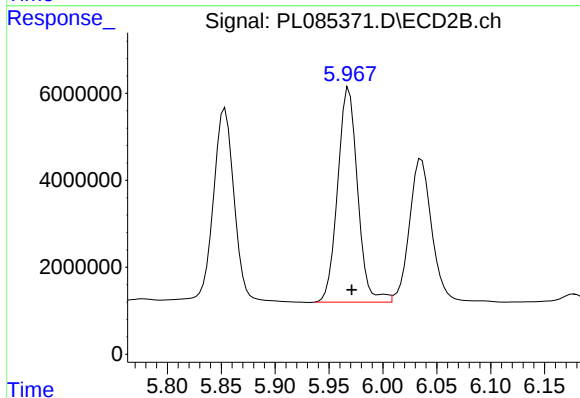
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 93743517
Conc: 55.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

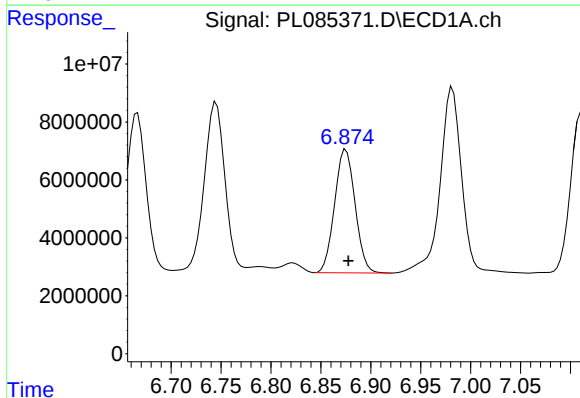
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



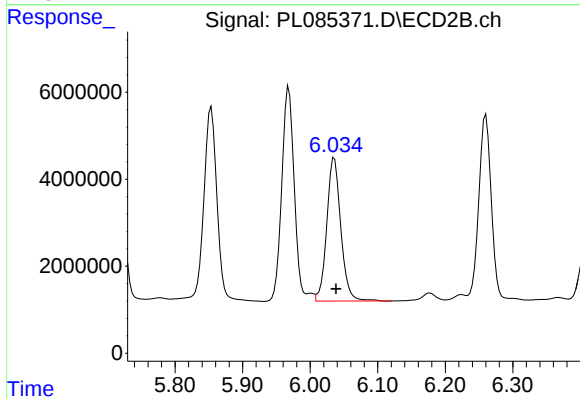
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.003 min
Response: 63724470
Conc: 54.66 ng/ml



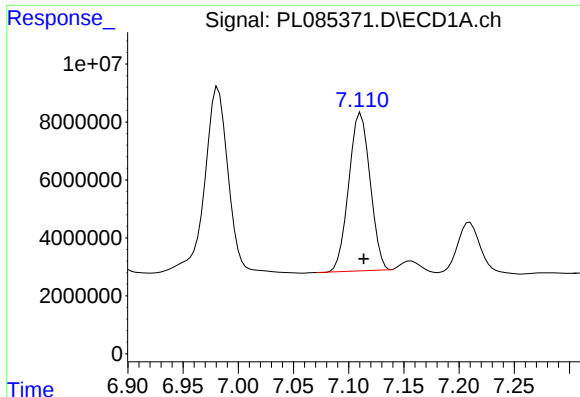
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 60772773
Conc: 39.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 47833680
Conc: 46.83 ng/ml



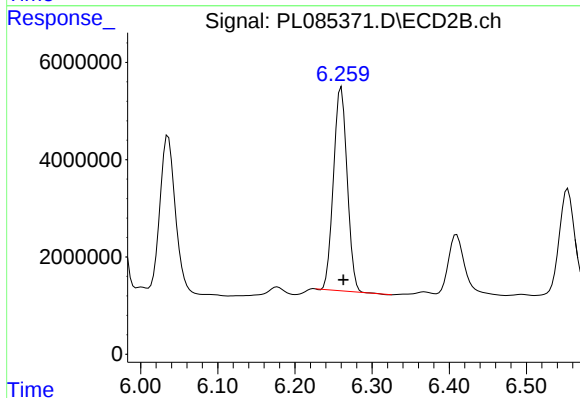
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.003 min
Response: 73331140
Conc: 39.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

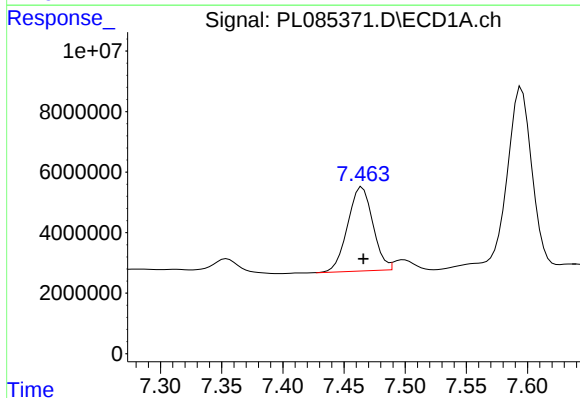
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



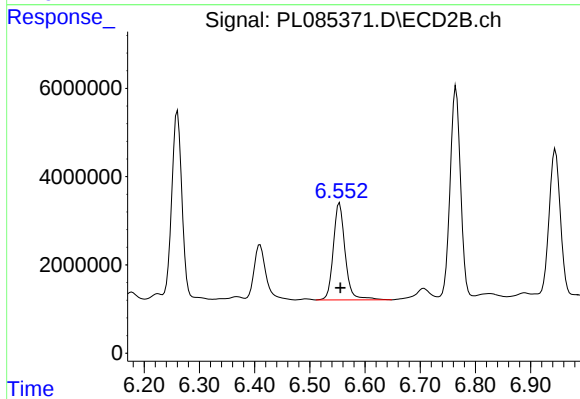
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 51605005
Conc: 43.00 ng/ml



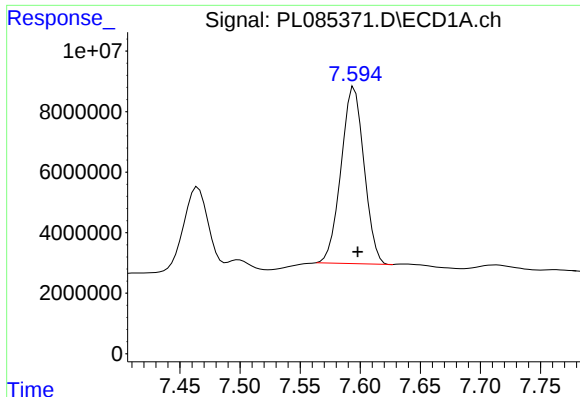
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 39762873
Conc: 43.76 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 32705966
Conc: 48.62 ng/ml



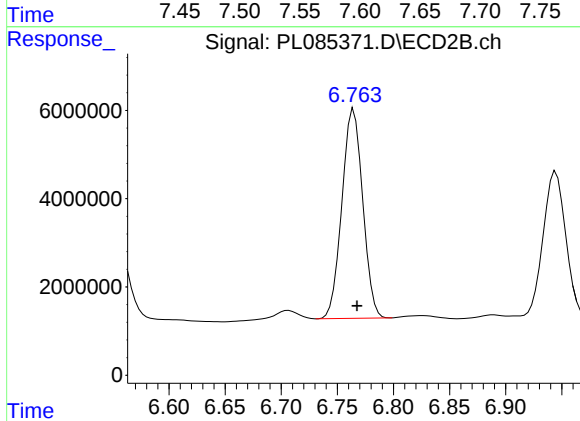
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.003 min
Response: 78042051
Conc: 39.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

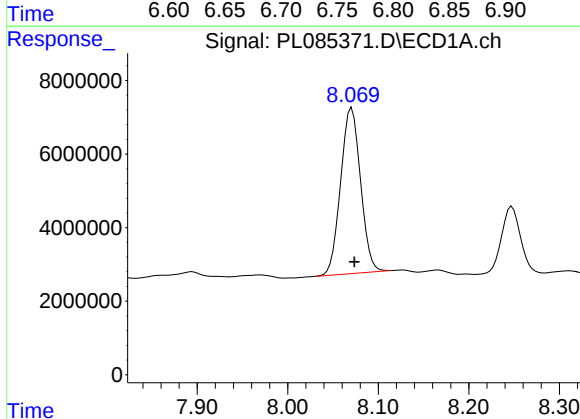
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



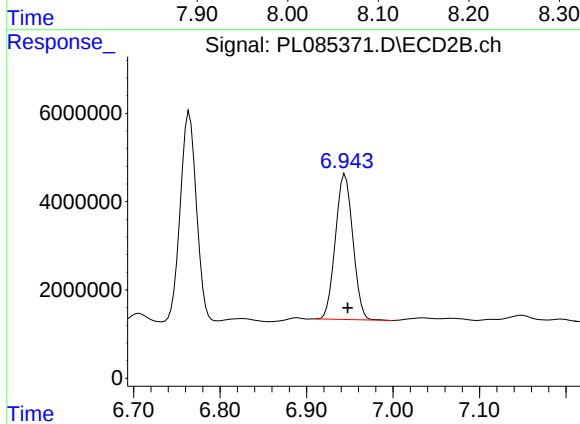
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 61225391
Conc: 41.51 ng/ml



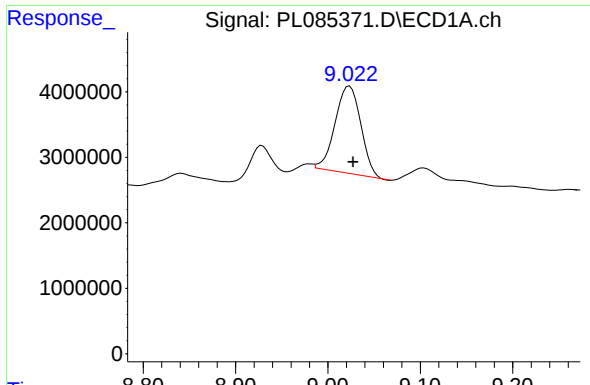
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.003 min
Response: 68925023
Conc: 41.38 ng/ml



#22 Mirex

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 45927542
Conc: 38.78 ng/ml



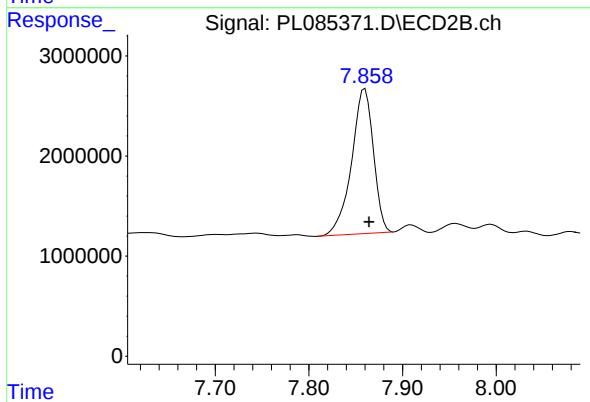
#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: -0.004 min
Response: 25834181
Conc: 16.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 23446306
Conc: 17.61 ng/ml m