

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060723\
 Data File : PL083277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2023 10:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/08/2023
 Supervised By :Ankita Jodhani 06/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 22:09:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.316	2.633	137.5E6	119.6E6	46.780	46.068
28)	SA Decachlor...	8.738	7.740	104.8E6	119.2E6	49.958	47.921
Target Compounds							
2)	A alpha-BHC	3.765	3.130	215.0E6	171.9E6	48.434	46.077
3)	MA gamma-BHC...	4.094	3.456	199.1E6	159.6E6	48.058	47.886
4)	MA Heptachlor	4.672	3.787	186.8E6	167.0E6	48.874	45.610
5)	MB Aldrin	5.009	4.063	177.0E6	158.8E6	50.313	48.800
6)	B beta-BHC	4.298	3.757	88022801	67392630	46.753	47.125
7)	B delta-BHC	4.539	3.982	197.2E6	158.3E6	57.358	48.326
8)	B Heptachlo...	5.435	4.565	164.5E6	140.4E6	51.418	47.307
9)	A Endosulfan I	5.817	4.932	150.2E6	125.3E6	50.069	44.824
10)	B gamma-Chl...	5.689	4.813	164.5E6	142.6E6	51.781m	47.490
11)	B alpha-Chl...	5.768	4.876	163.2E6	142.3E6	50.847	47.418
12)	B 4,4'-DDE	5.948	5.067	142.7E6	127.1E6	51.758	52.320
13)	MA Dieldrin	6.091	5.196	151.0E6	134.5E6	50.187	47.657
14)	MA Endrin	6.319	5.470	126.7E6	116.0E6	47.140	45.715
15)	B Endosulfa...	6.541	5.767	123.4E6	113.4E6	46.351	45.840
16)	A 4,4'-DDD	6.464	5.622	119.0E6	102.9E6	54.740	53.516
17)	MA 4,4'-DDT	6.775	5.870	115.4E6	99900635	46.104	44.778
18)	B Endrin al...	6.671	5.948	99113234	90665572	49.294	45.849
19)	B Endosulfa...	6.906	6.170	127.7E6	117.2E6	49.829	47.871
20)	A Methoxychlor	7.256	6.449	60247996	57028442	45.560	44.843
21)	B Endrin ke...	7.387	6.674	132.7E6	131.0E6	52.026	48.466
22)	Mirex	7.850	6.846	101.7E6	110.4E6	48.503	47.203

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060723\
Data File : PL083277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2023 10:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

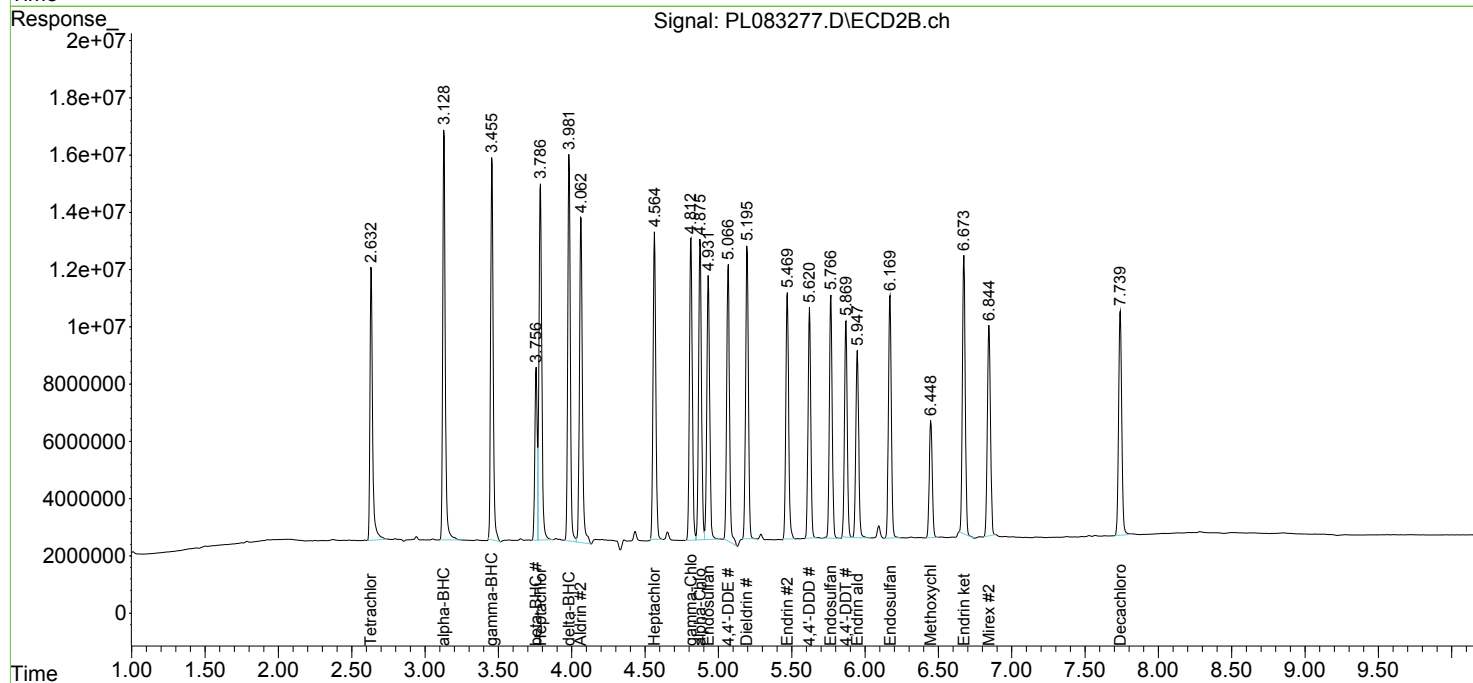
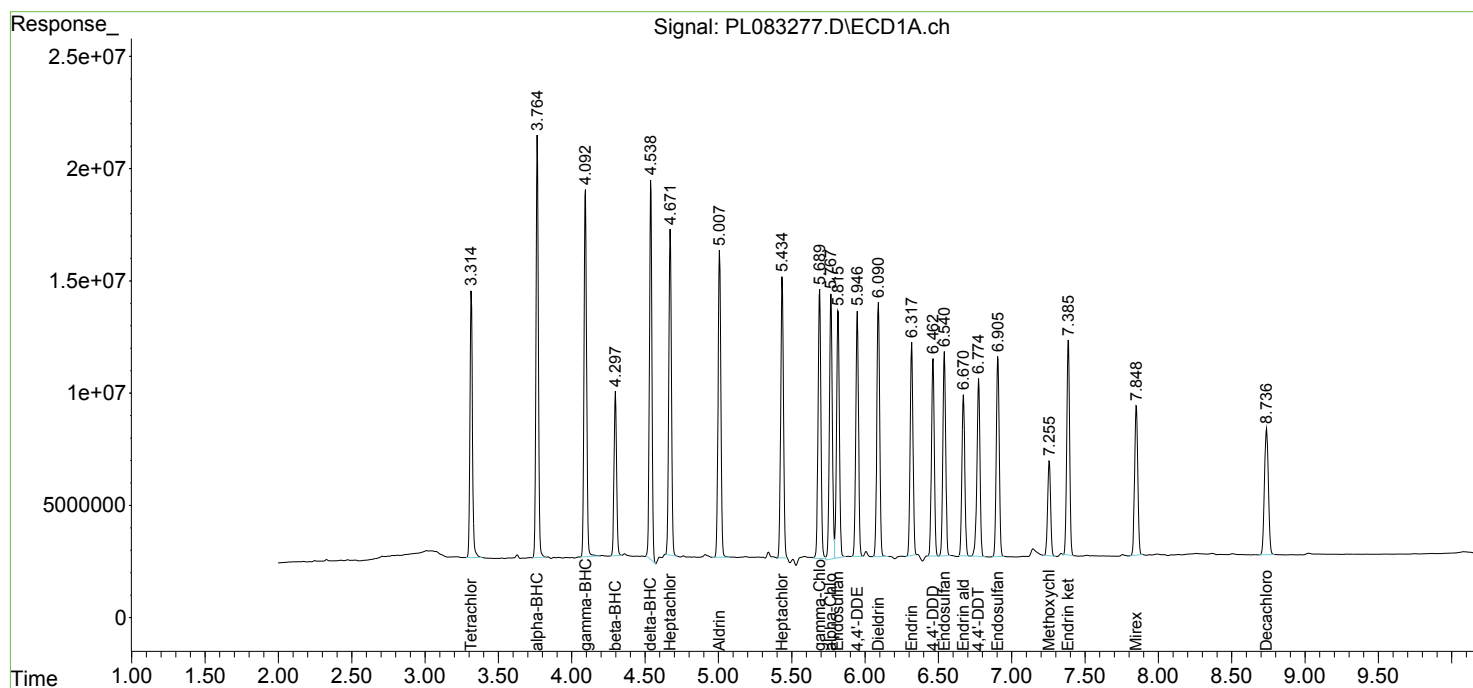
APPROVED

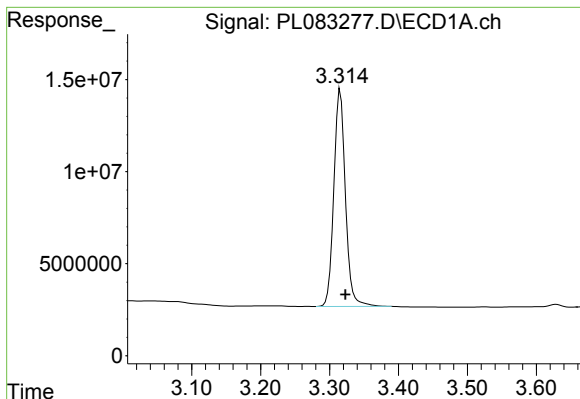
Reviewed By :Abdul Mirza 06/08/2023

Supervised By :Ankita Jodhani 06/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 22:09:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





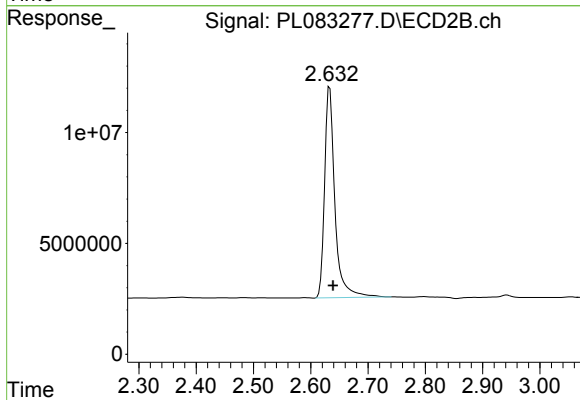
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 137488723
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

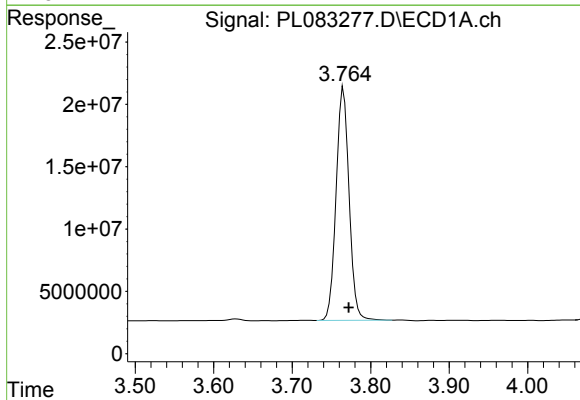
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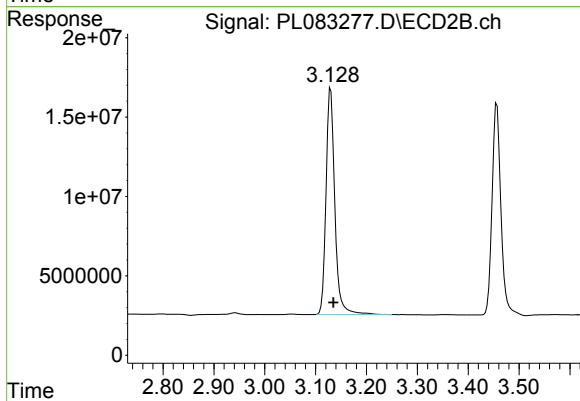
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 119596106
Conc: 46.07 ng/ml



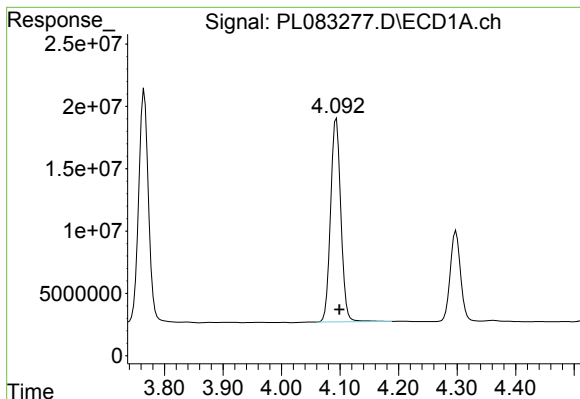
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 215008879
Conc: 48.43 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: -0.006 min
Response: 171935351
Conc: 46.08 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 199101863
Conc: 48.06 ng/ml

Instrument :

ECD_L

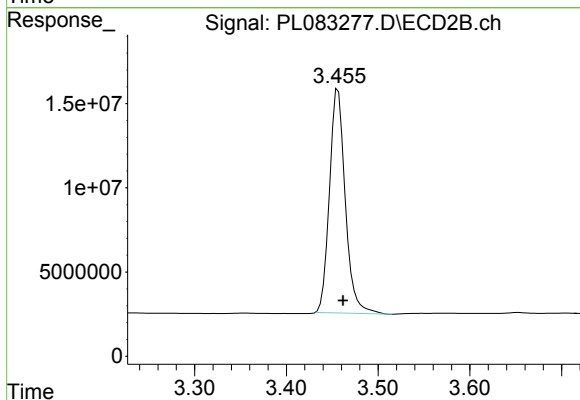
ClientSampleId :

PSTDCCC050

Manual Integrations

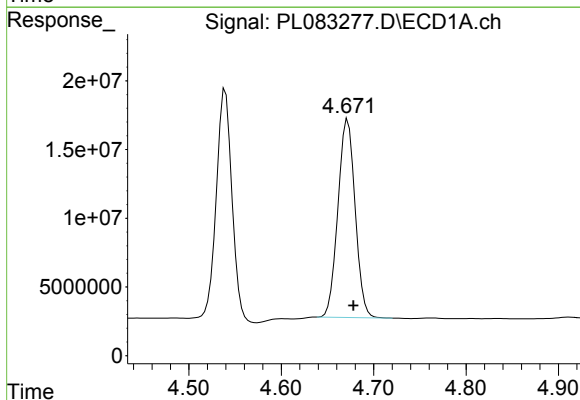
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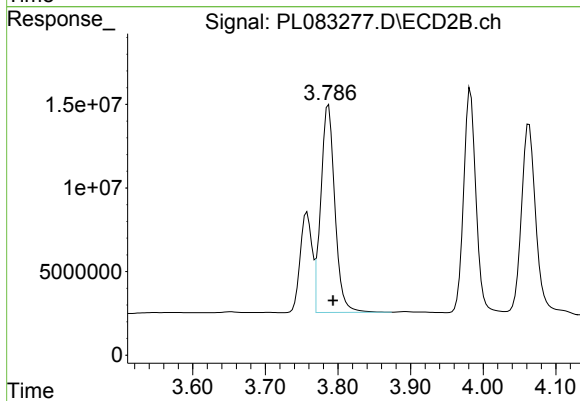
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: -0.006 min
Response: 159617475
Conc: 47.89 ng/ml



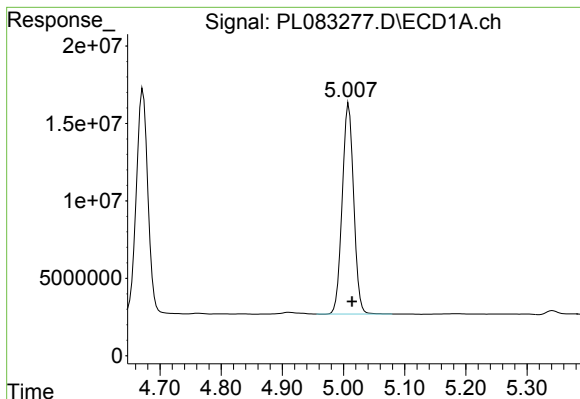
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 186818130
Conc: 48.87 ng/ml



#4 Heptachlor

R.T.: 3.787 min
Delta R.T.: -0.006 min
Response: 166981414
Conc: 45.61 ng/ml



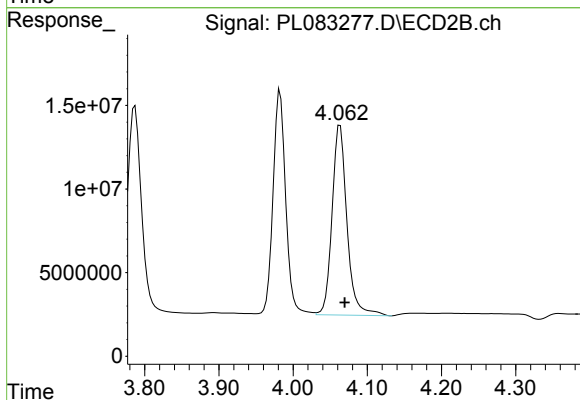
#5 Aldrin

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 177006549
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

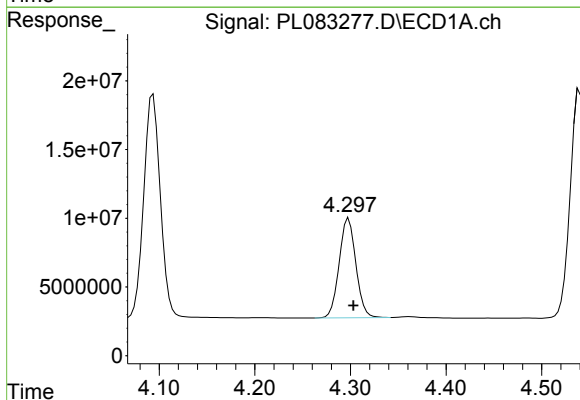
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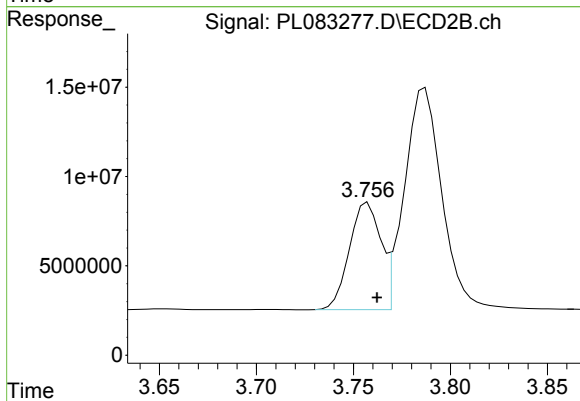
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: -0.006 min
Response: 158775179
Conc: 48.80 ng/ml



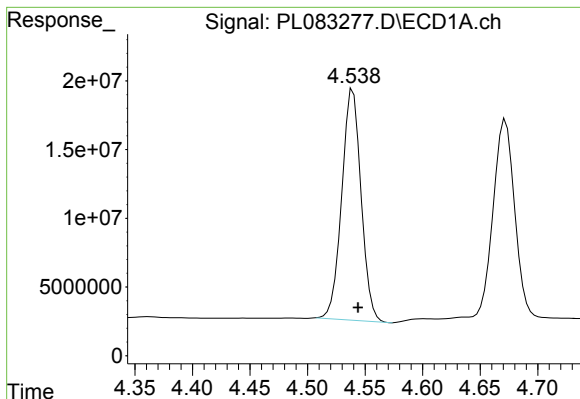
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 88022801
Conc: 46.75 ng/ml



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: -0.005 min
Response: 67392630
Conc: 47.12 ng/ml



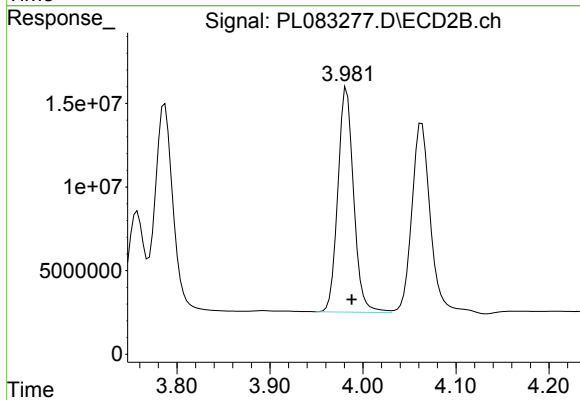
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 197247640
Conc: 57.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

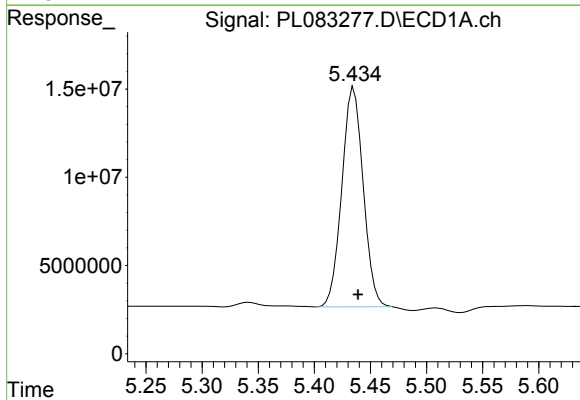
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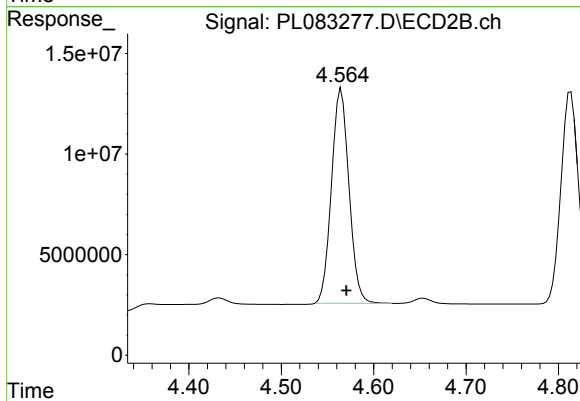
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.005 min
Response: 158339146
Conc: 48.33 ng/ml



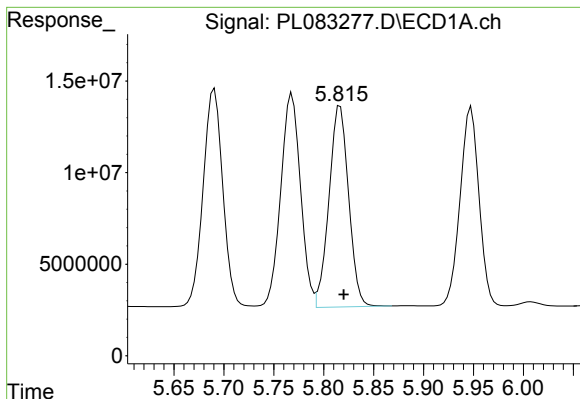
#8 Heptachlor epoxide

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 164472760
Conc: 51.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 140401719
Conc: 47.31 ng/ml



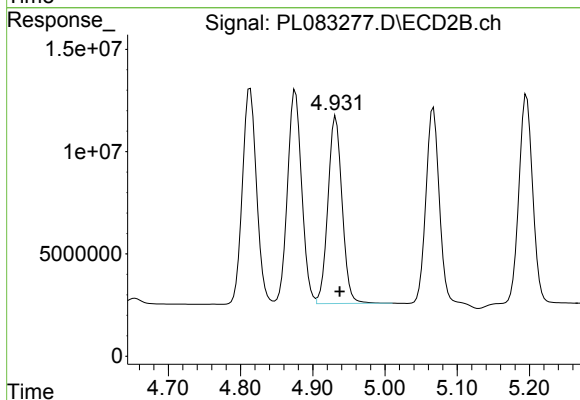
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 150234933
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

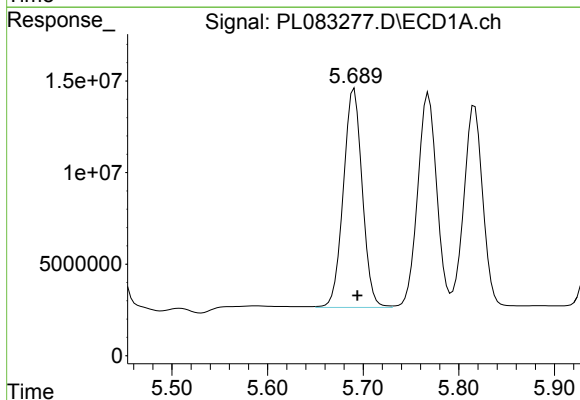
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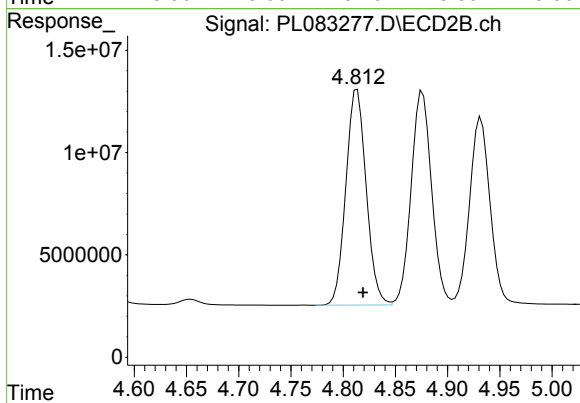
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 125255205
Conc: 44.82 ng/ml



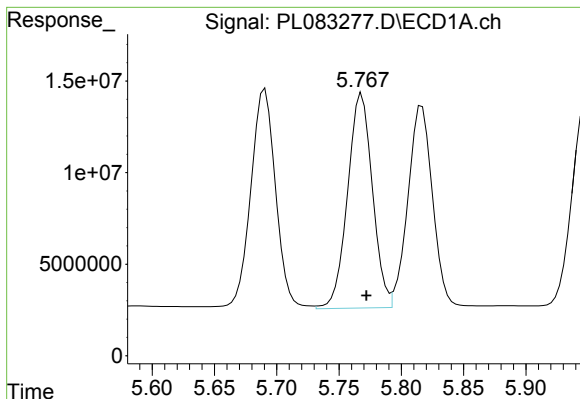
#10 gamma-Chlordane

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 164506797
Conc: 51.78 ng/ml m



#10 gamma-Chlordane

R.T.: 4.813 min
Delta R.T.: -0.006 min
Response: 142630722
Conc: 47.49 ng/ml



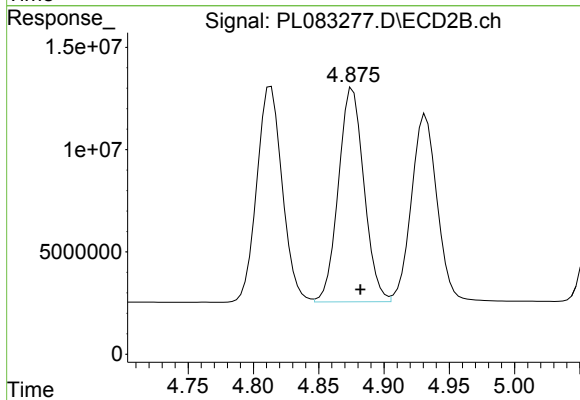
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 163183316
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

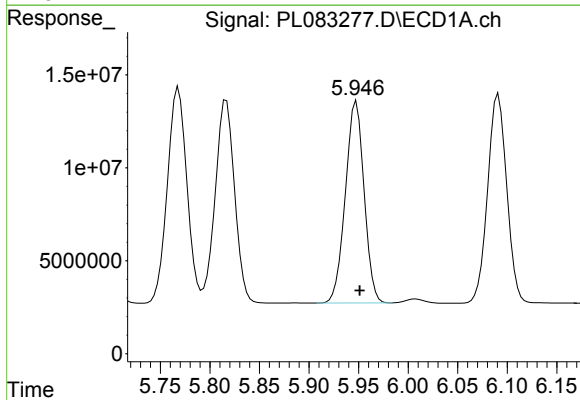
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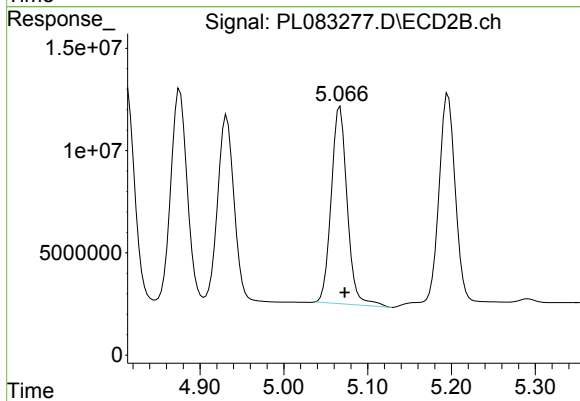
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 142346663
Conc: 47.42 ng/ml



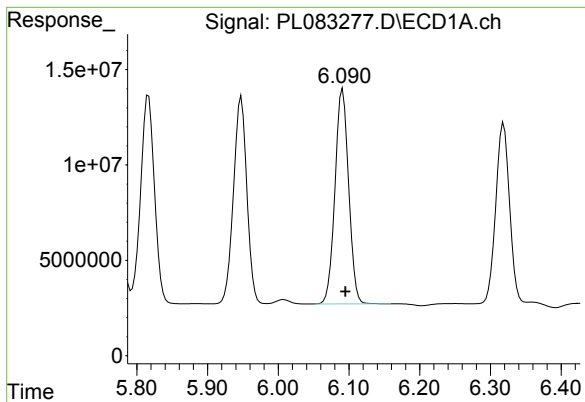
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 142670709
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 127071531
Conc: 52.32 ng/ml



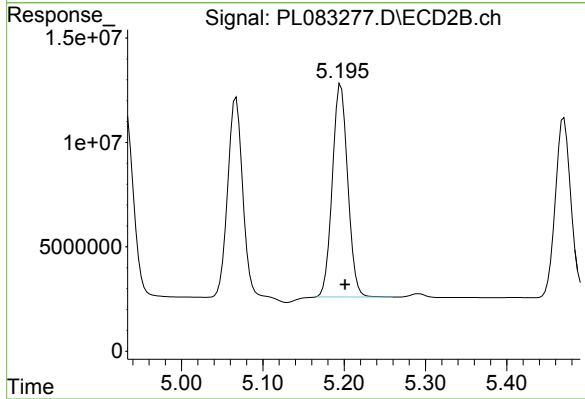
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 150956290
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

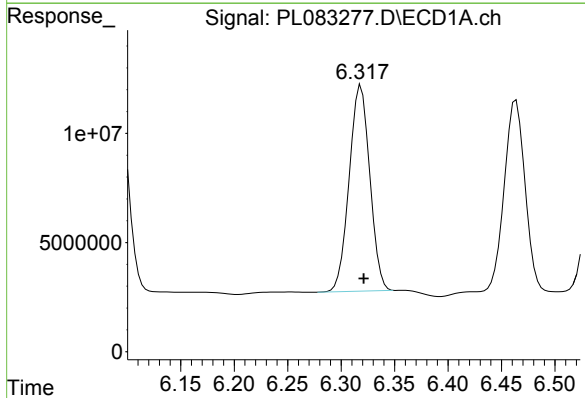
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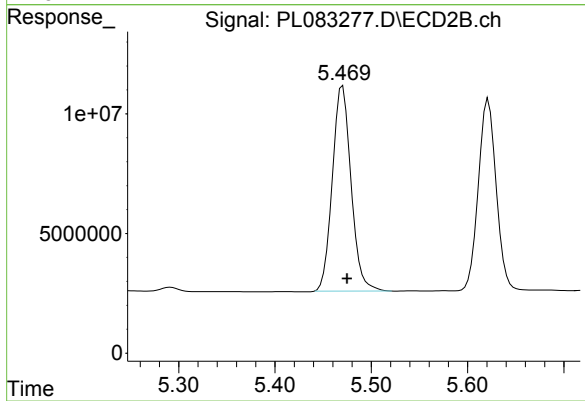
#13 Dieldrin

R.T.: 5.196 min
Delta R.T.: -0.005 min
Response: 134533082
Conc: 47.66 ng/ml



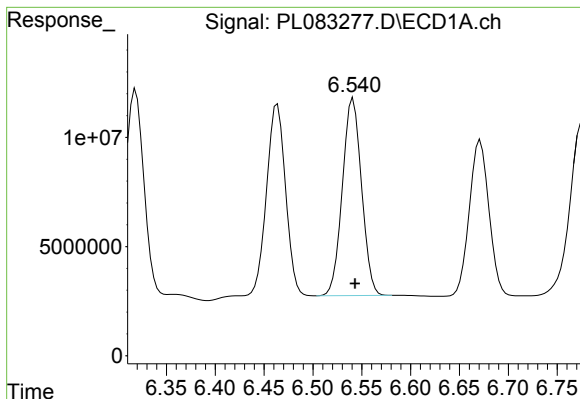
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 126678228
Conc: 47.14 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 115976110
Conc: 45.71 ng/ml



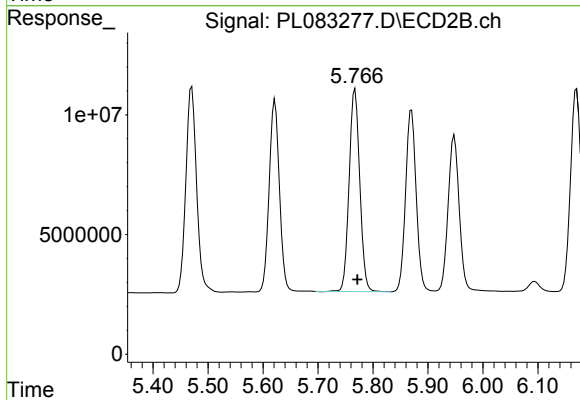
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 123391641
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

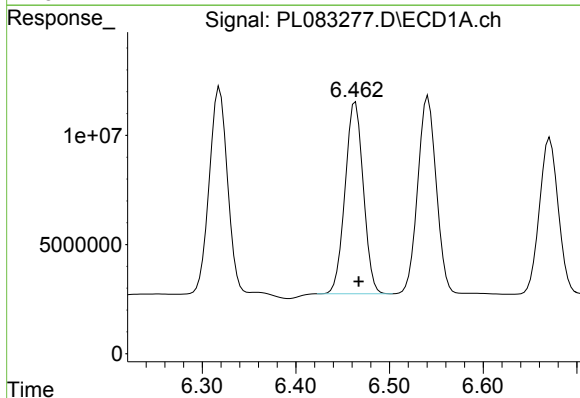
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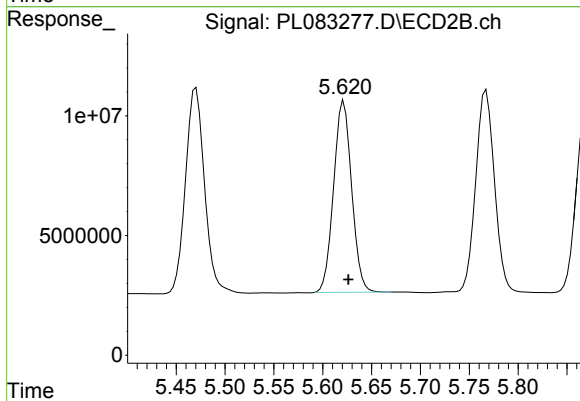
#15 Endosulfan II

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 113416454
Conc: 45.84 ng/ml



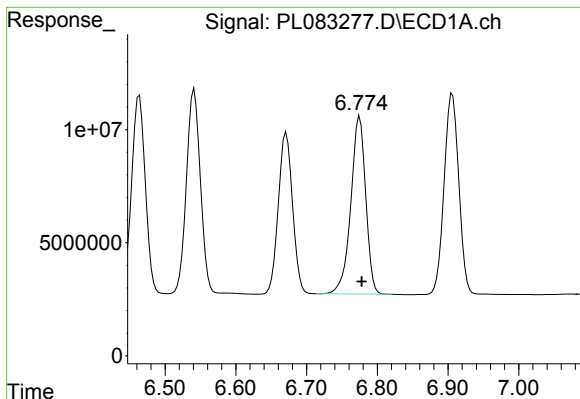
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 118952502
Conc: 54.74 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.005 min
Response: 102923554
Conc: 53.52 ng/ml



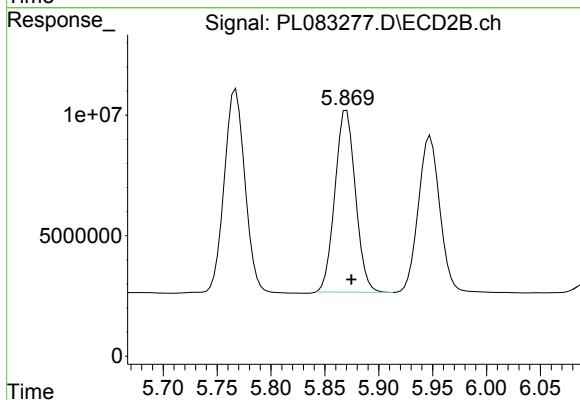
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 115405350
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

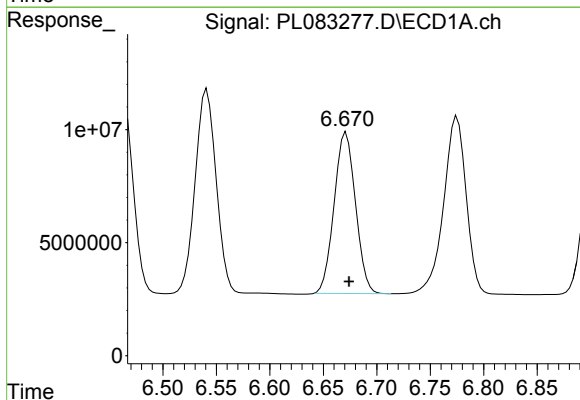
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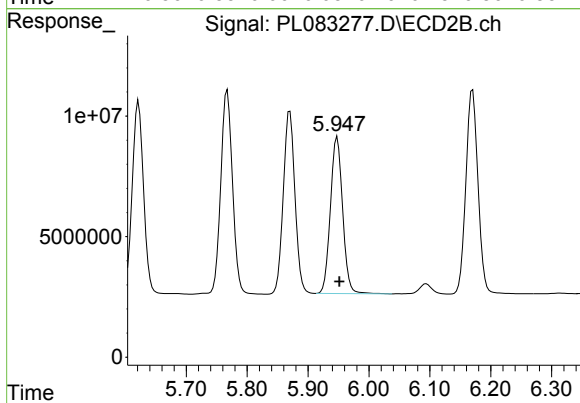
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 99900635
Conc: 44.78 ng/ml



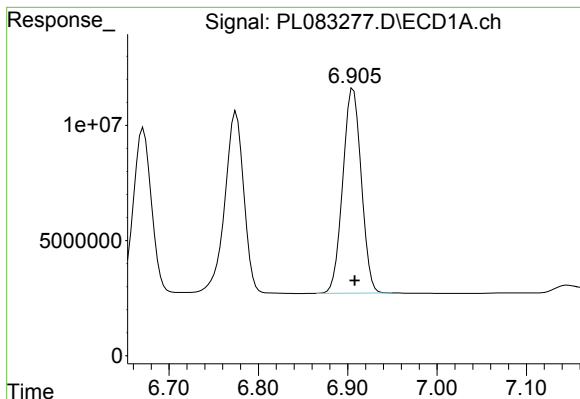
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 99113234
Conc: 49.29 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 90665572
Conc: 45.85 ng/ml



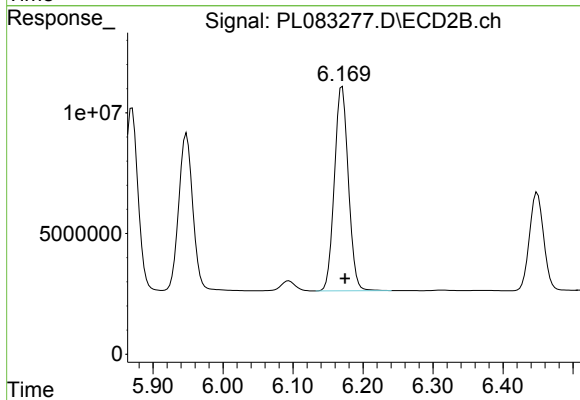
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 127746353
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

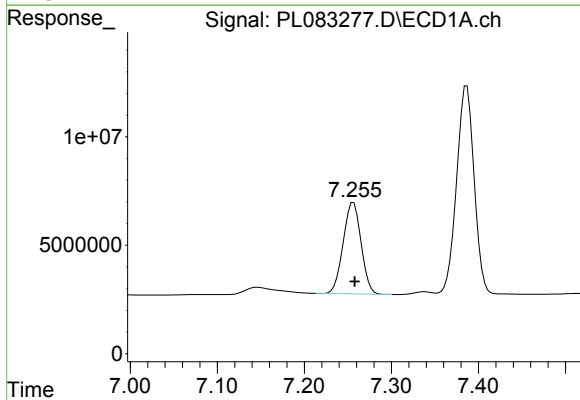
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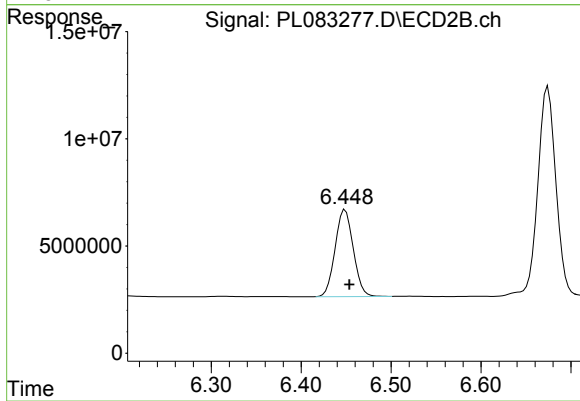
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 117234449
Conc: 47.87 ng/ml



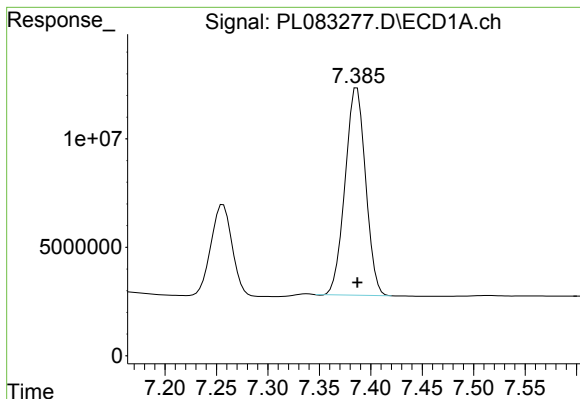
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 60247996
Conc: 45.56 ng/ml



#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.005 min
Response: 57028442
Conc: 44.84 ng/ml



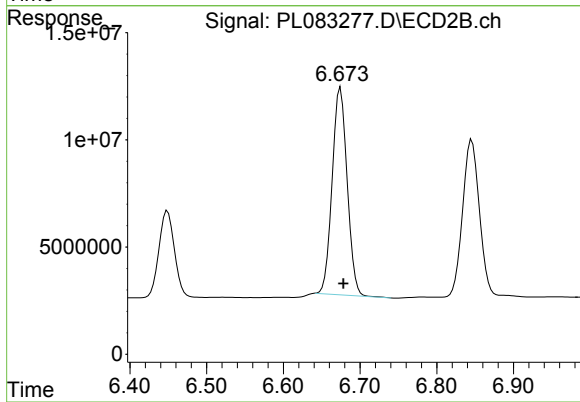
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 132707319
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

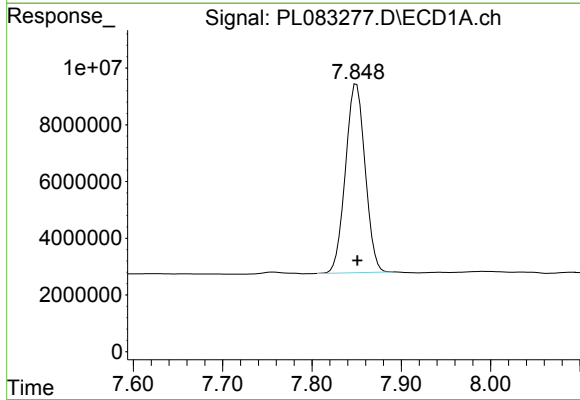
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2023
Supervised By :Ankita Jodhani 06/08/2023



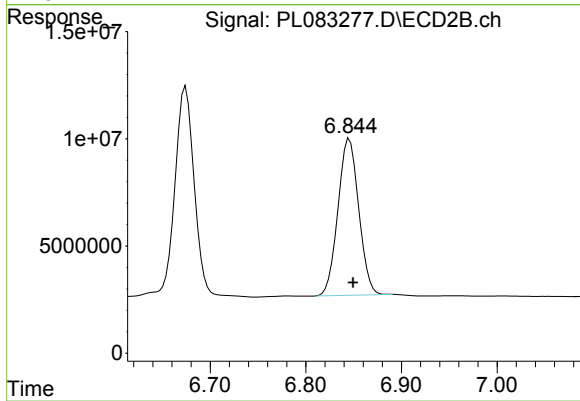
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 131043623
Conc: 48.47 ng/ml



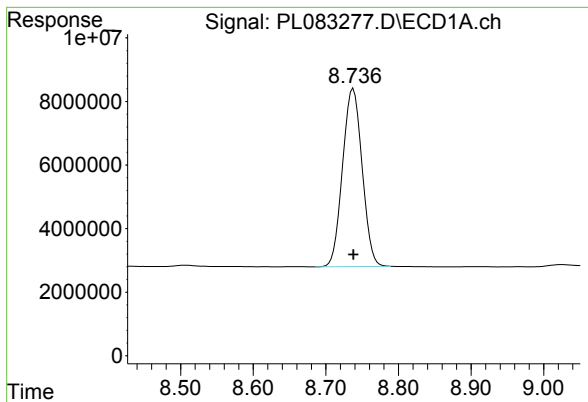
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.001 min
Response: 101663790
Conc: 48.50 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 110446244
Conc: 47.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 104777999
Conc: 49.96 ng/ml

Instrument :

ECD_L

ClientSampleId :

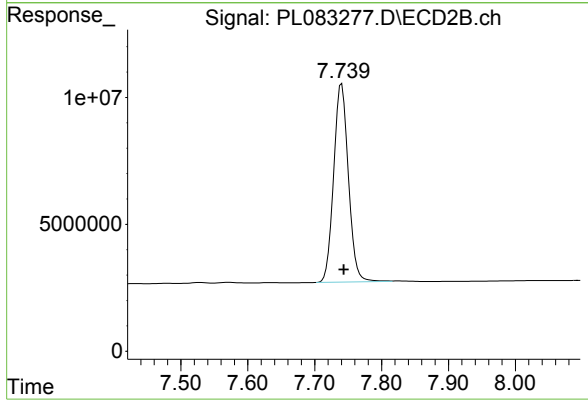
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.003 min
Response: 119156489
Conc: 47.92 ng/ml