

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082774.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 19:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2023
 Supervised By : Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:34:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	128.2E6	109.7E6	48.004	47.370
28) SA Decachlor...	8.737	7.747	93521871	103.3E6	48.988	45.252m
Target Compounds						
2) A alpha-BHC	3.768	3.137	199.5E6	156.9E6	50.128	46.086
3) MA gamma-BHC...	4.096	3.464	186.1E6	142.6E6	49.785	44.357
4) MA Heptachlor	4.674	3.795	173.3E6	140.6E6	47.427	41.068
5) MB Aldrin	5.010	4.071	162.6E6	141.2E6	49.315	44.835
6) B beta-BHC	4.300	3.763	81575654	66449533	47.831	48.702m
7) B delta-BHC	4.541	3.990	181.4E6	143.8E6	50.422	46.885
8) B Heptachlo...	5.437	4.573	149.2E6	126.1E6	48.917	43.759
9) A Endosulfan I	5.817	4.939	140.0E6	119.9E6	50.491	44.928
10) B gamma-Chl...	5.692	4.822	154.7E6	129.4E6	51.445	44.593
11) B alpha-Chl...	5.769	4.884	150.9E6	128.8E6	50.572	44.378
12) B 4,4'-DDE	5.948	5.073	130.5E6	110.1E6	51.328	47.886m
13) MA Dieldrin	6.092	5.202	138.5E6	121.6E6	50.205	45.030m
14) MA Endrin	6.319	5.476	114.0E6	101.7E6	47.027	41.589m
15) B Endosulfa...	6.542	5.775	117.1E6	103.0E6	48.113	45.714
16) A 4,4'-DDD	6.464	5.629	112.0E6	94539941	55.225	50.545
17) MA 4,4'-DDT	6.775	5.877	104.6E6	87852856	45.722	41.585
18) B Endrin al...	6.672	5.954	92937380	83310454	49.325	44.518
19) B Endosulfa...	6.906	6.177	117.5E6	106.9E6	49.538	45.416
20) A Methoxychlor	7.256	6.455	54163315	51900476	44.384	42.828m
21) B Endrin ke...	7.386	6.680	121.6E6	121.8E6	50.789	47.972m
22) Mirex	7.849	6.852	92907348	100.3E6	47.491	43.513m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
Data File : PL082774.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2023 19:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

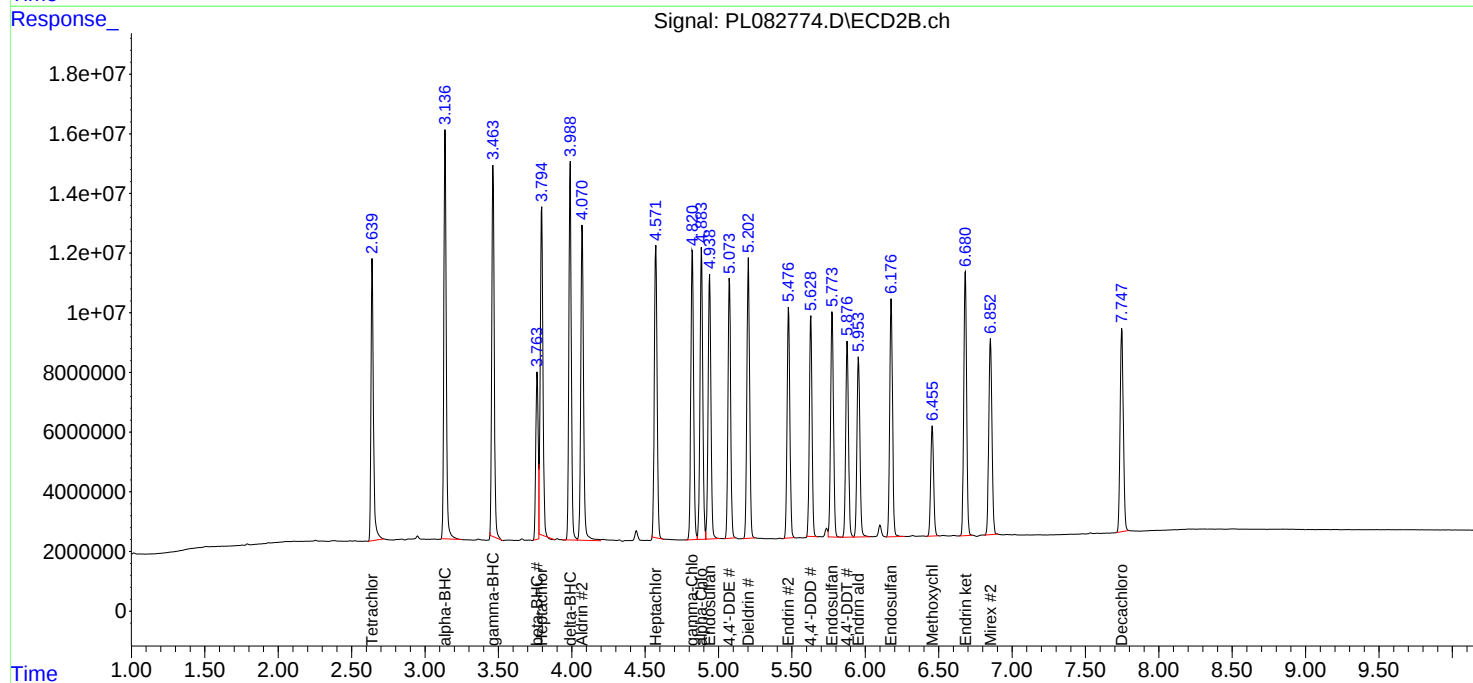
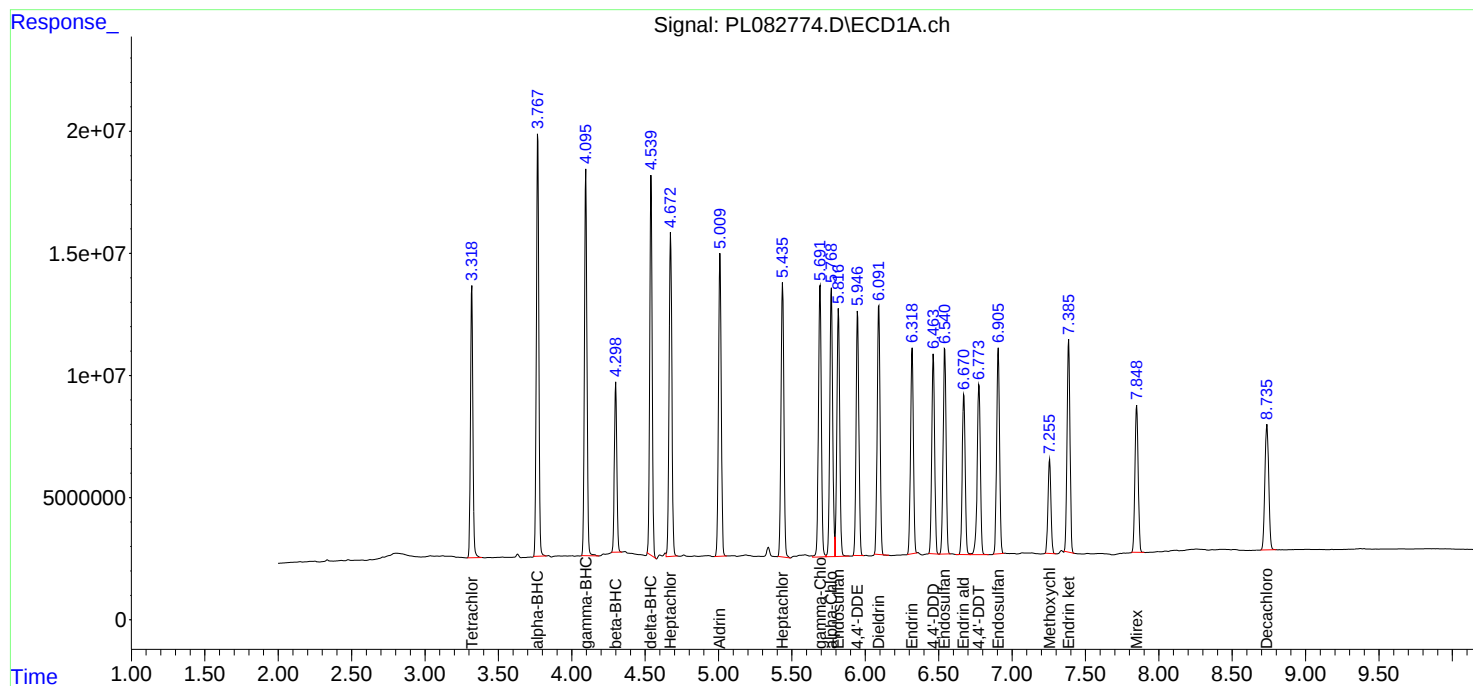
APPROVED

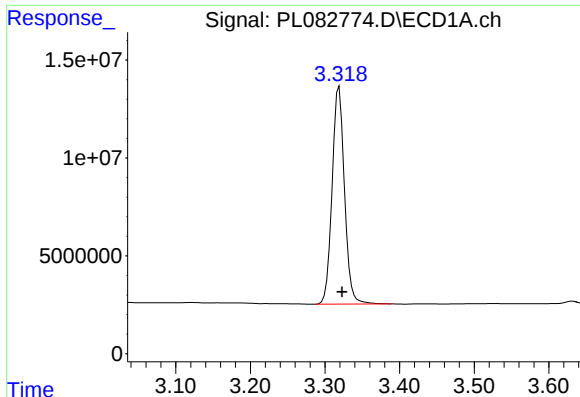
Reviewed By :Abdul Mirza 05/18/2023

Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 21:34:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





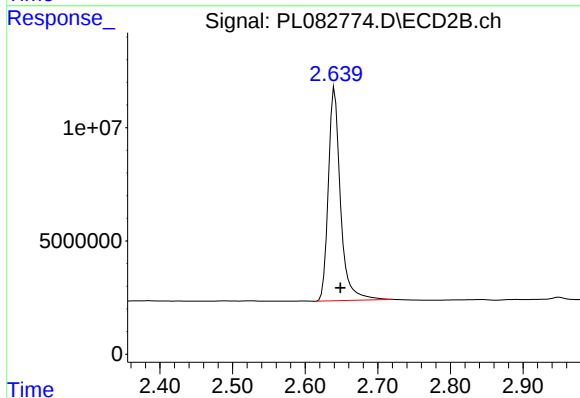
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 128228220
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

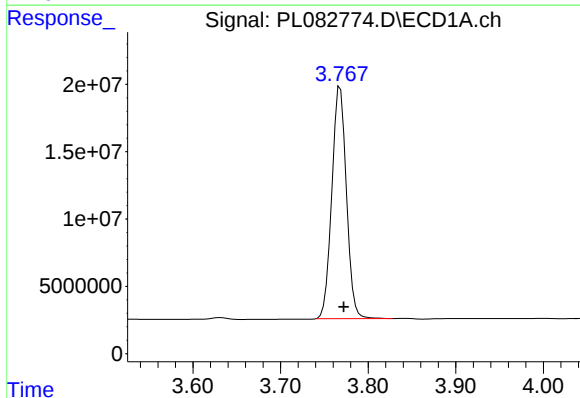
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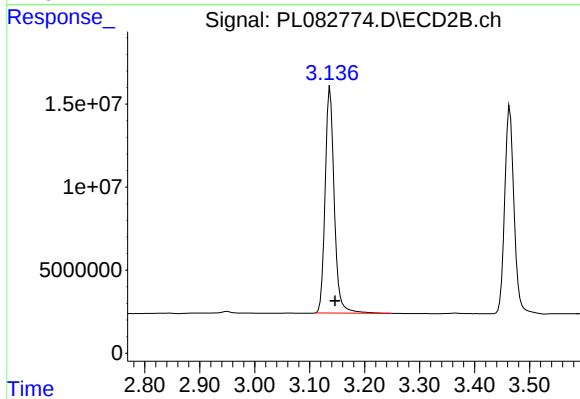
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.008 min
Response: 109744810
Conc: 47.37 ng/ml



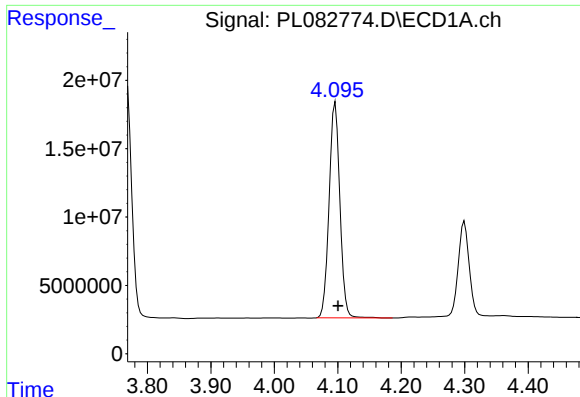
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 199523411
Conc: 50.13 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 156851185
Conc: 46.09 ng/ml



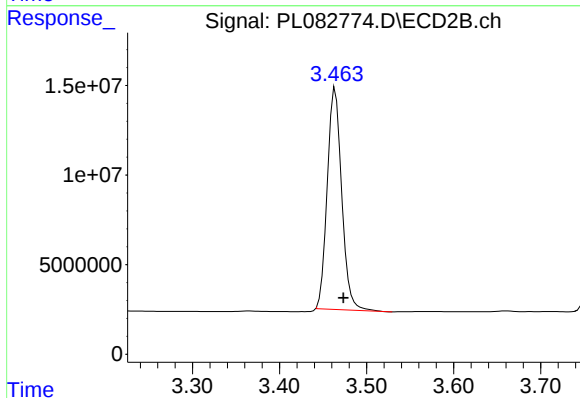
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 186141001
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

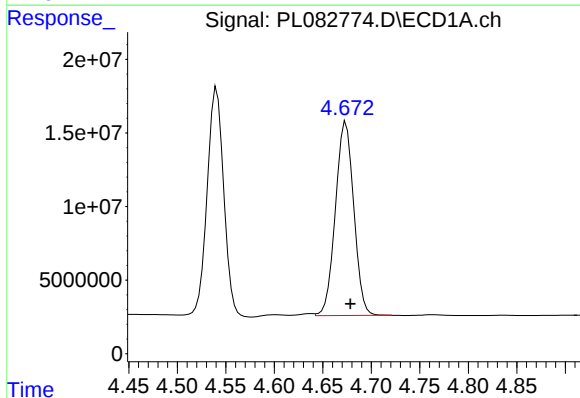
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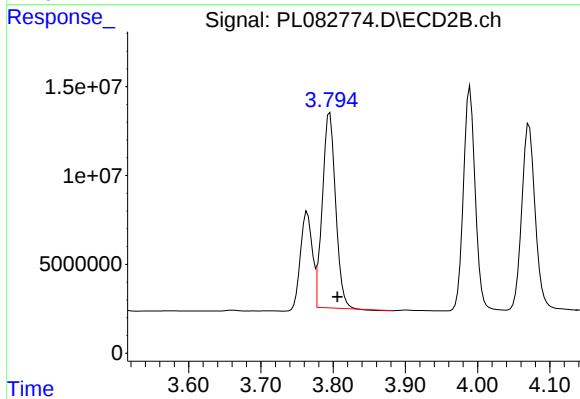
#3 gamma-BHC (Lindane)

R.T.: 3.464 min
Delta R.T.: -0.009 min
Response: 142621171
Conc: 44.36 ng/ml



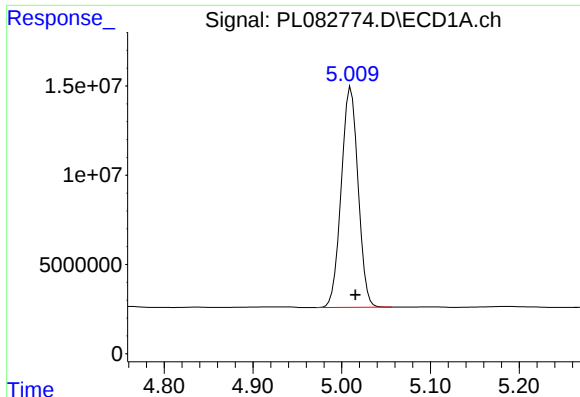
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 173294533
Conc: 47.43 ng/ml



#4 Heptachlor

R.T.: 3.795 min
Delta R.T.: -0.010 min
Response: 140584525
Conc: 41.07 ng/ml



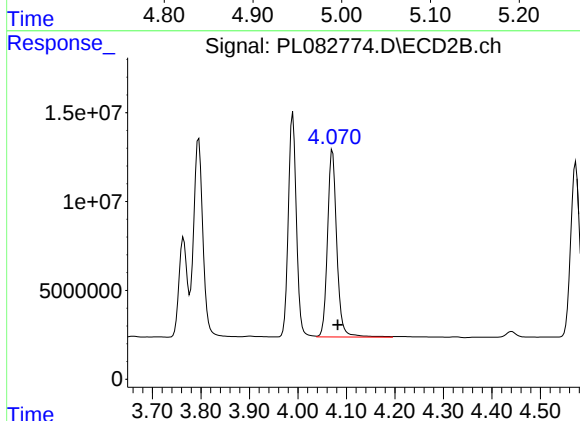
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 162621767
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

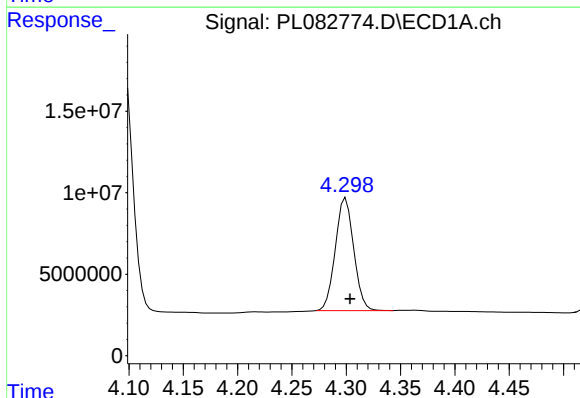
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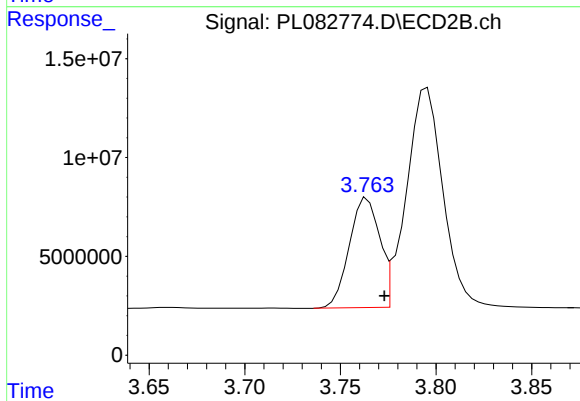
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 141224494
Conc: 44.84 ng/ml



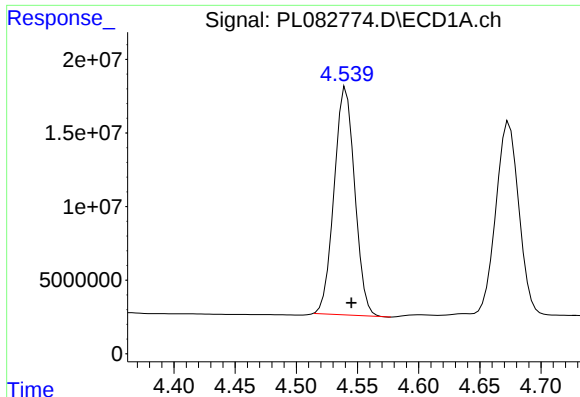
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 81575654
Conc: 47.83 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 66449533
Conc: 48.70 ng/ml m



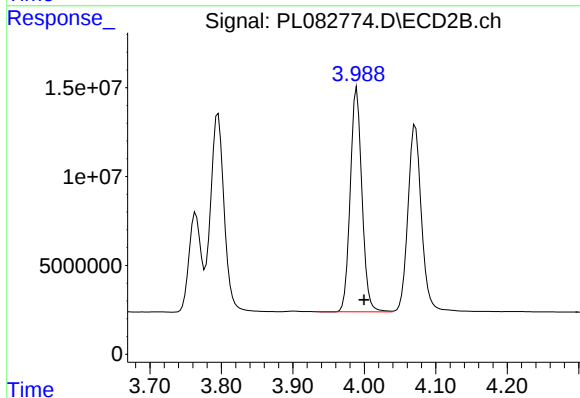
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.005 min
Response: 181407887
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

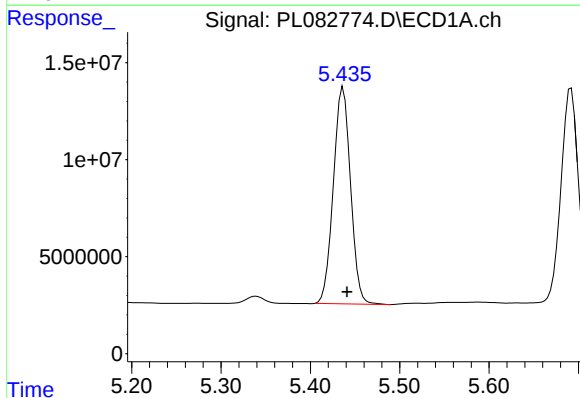
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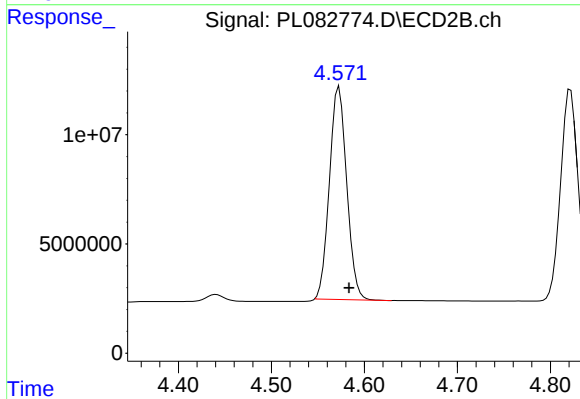
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.010 min
Response: 143814166
Conc: 46.88 ng/ml



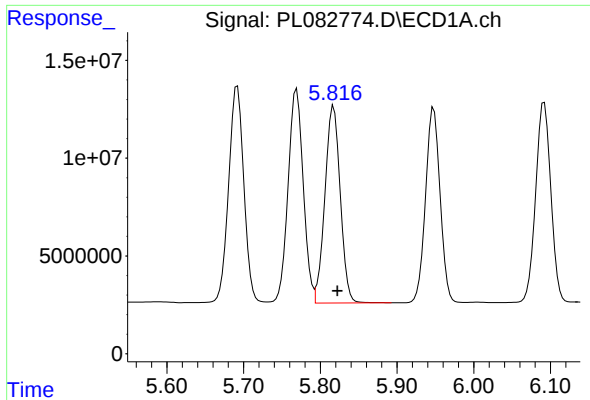
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 149212577
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.011 min
Response: 126064857
Conc: 43.76 ng/ml



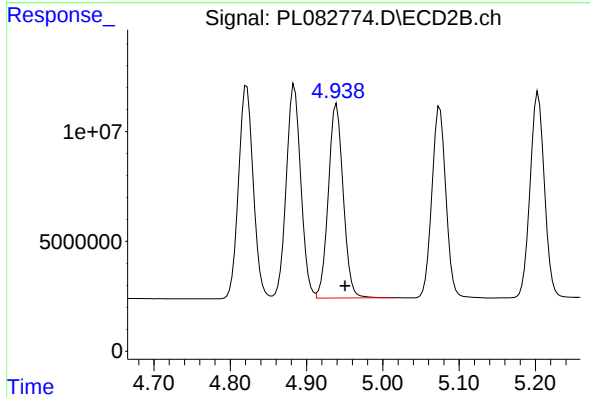
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 139997880
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

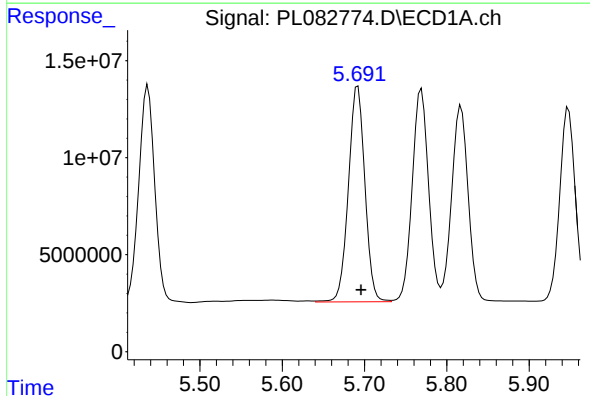
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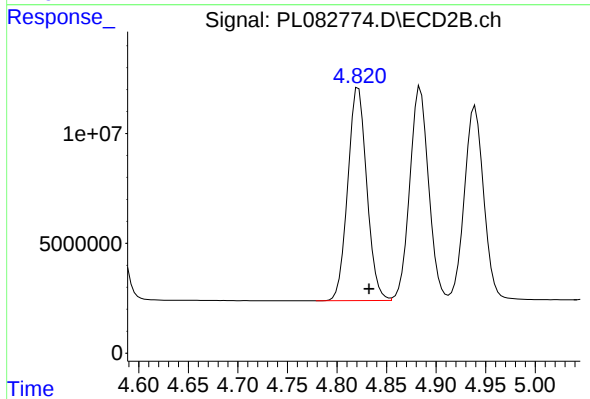
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: -0.011 min
Response: 119932007
Conc: 44.93 ng/ml



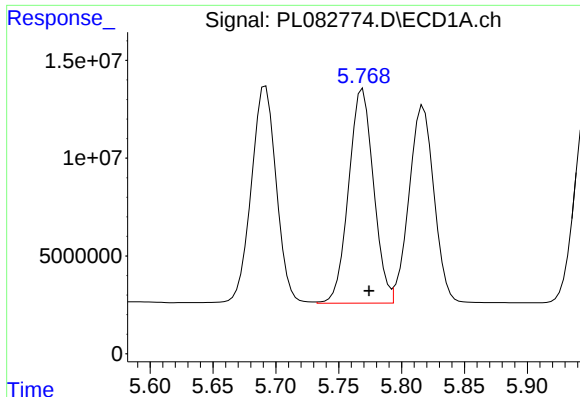
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 154689400
Conc: 51.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.011 min
Response: 129402336
Conc: 44.59 ng/ml



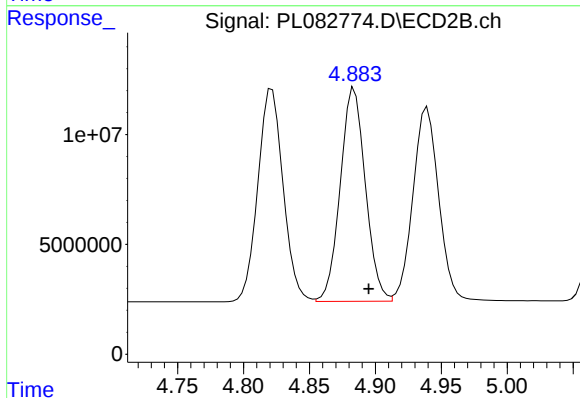
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 150937738
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

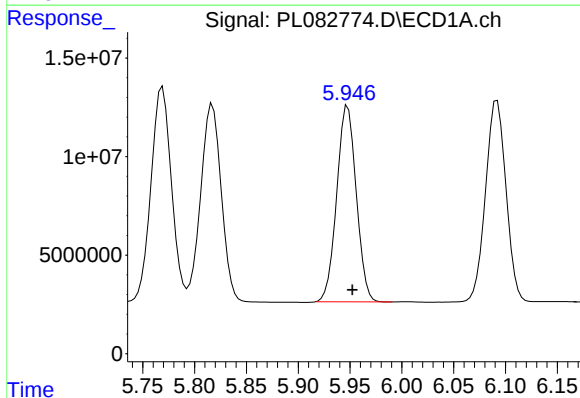
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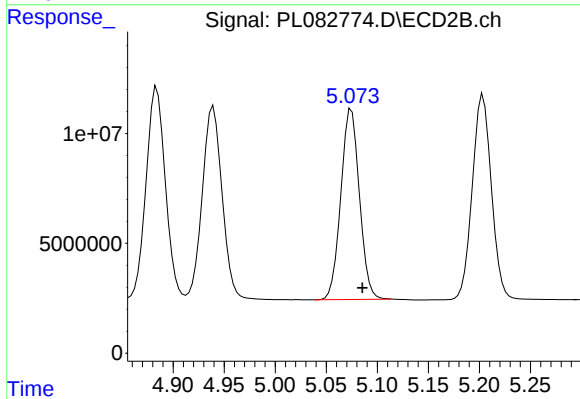
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: -0.011 min
Response: 128820848
Conc: 44.38 ng/ml



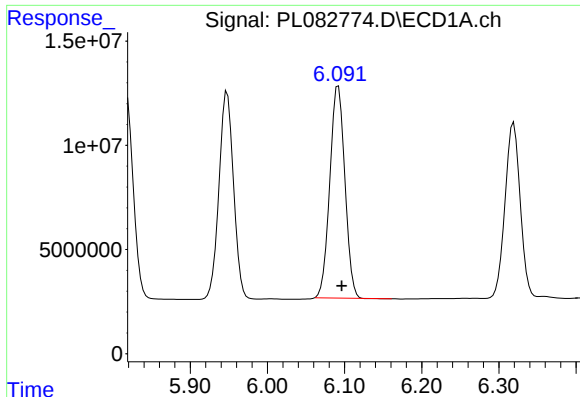
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 130476582
Conc: 51.33 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.012 min
Response: 110088591
Conc: 47.89 ng/ml m



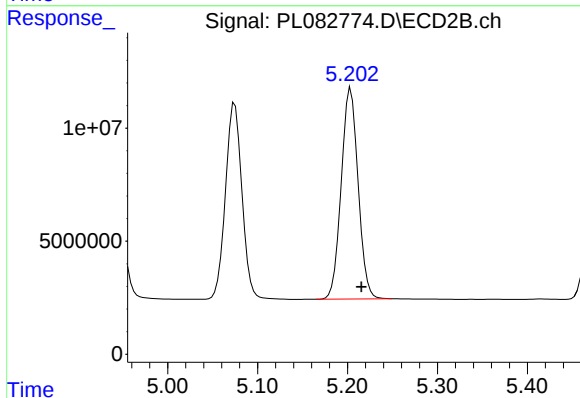
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 138522256
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

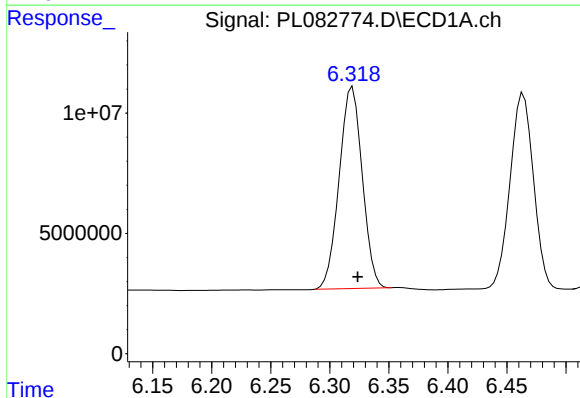
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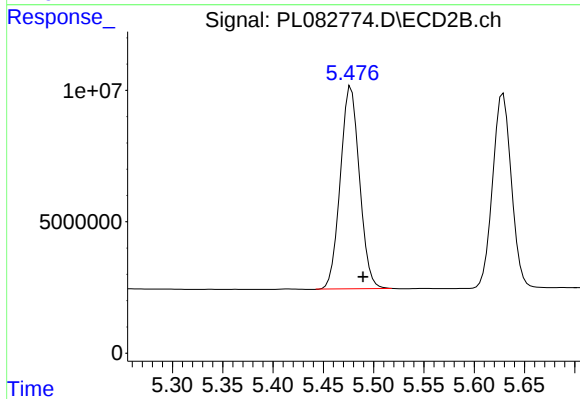
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: -0.013 min
Response: 121598593
Conc: 45.03 ng/ml m



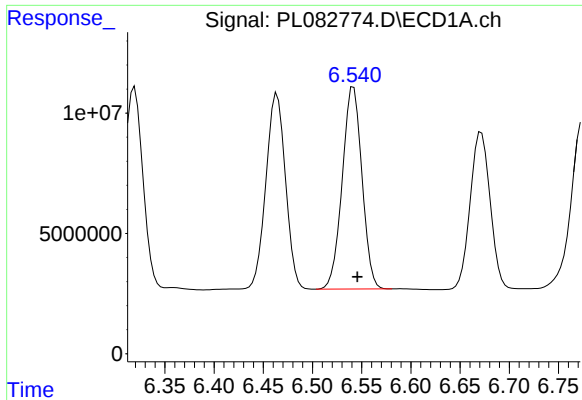
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 114019253
Conc: 47.03 ng/ml



#14 Endrin

R.T.: 5.476 min
Delta R.T.: -0.013 min
Response: 101725763
Conc: 41.59 ng/ml m



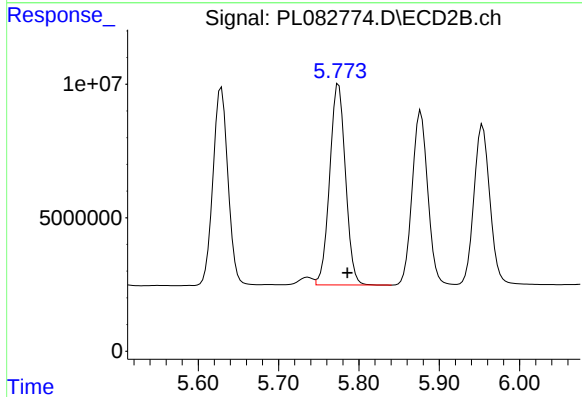
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 117134959
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

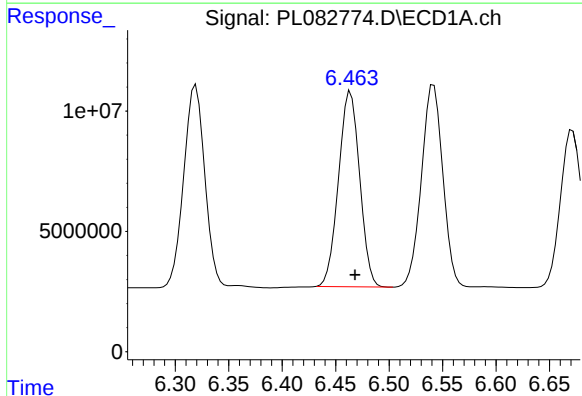
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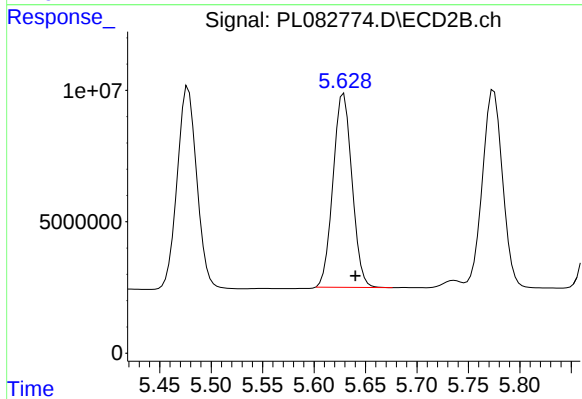
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: -0.011 min
Response: 103044288
Conc: 45.71 ng/ml



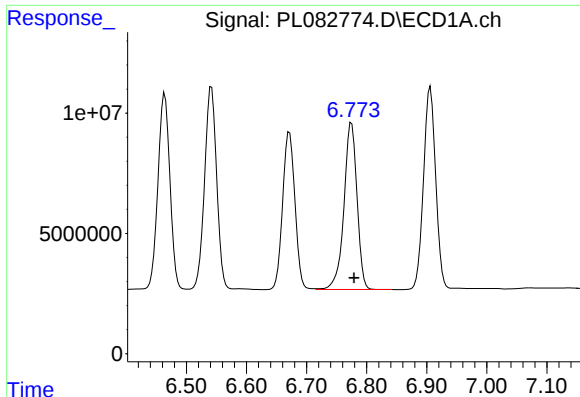
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 111951385
Conc: 55.22 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.011 min
Response: 94539941
Conc: 50.55 ng/ml



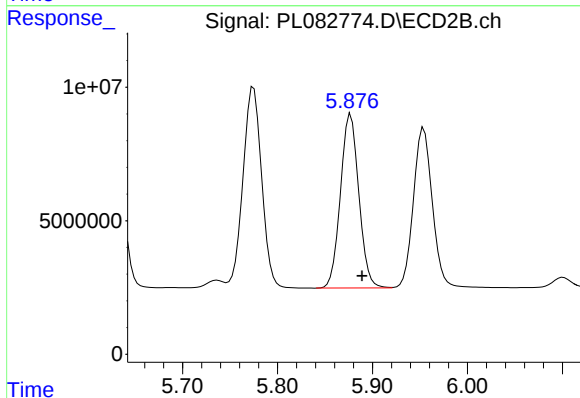
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 104598666
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

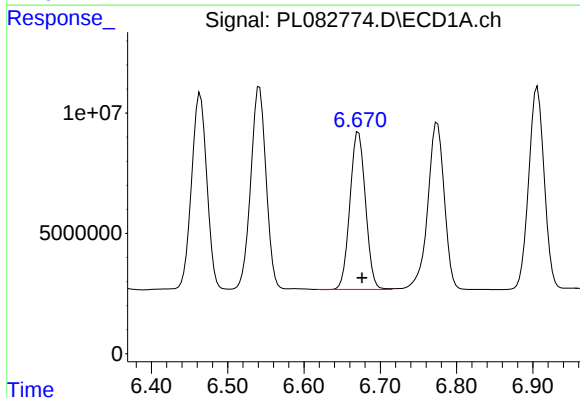
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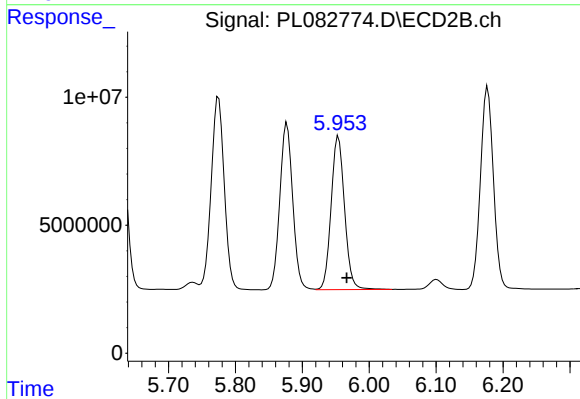
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: -0.012 min
Response: 87852856
Conc: 41.59 ng/ml



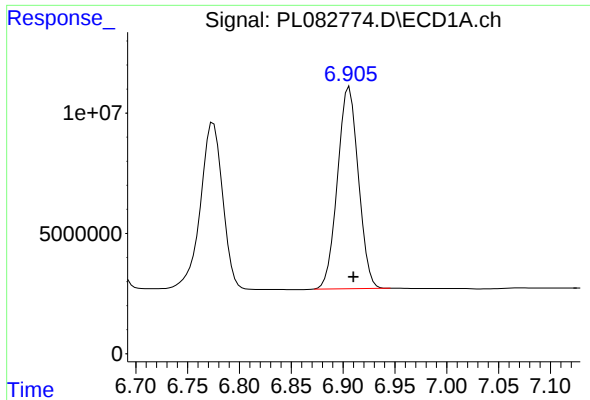
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 92937380
Conc: 49.33 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: -0.012 min
Response: 83310454
Conc: 44.52 ng/ml



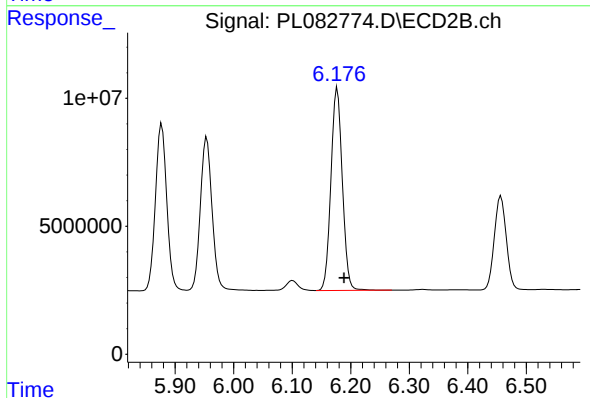
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.004 min
Response: 117481619
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

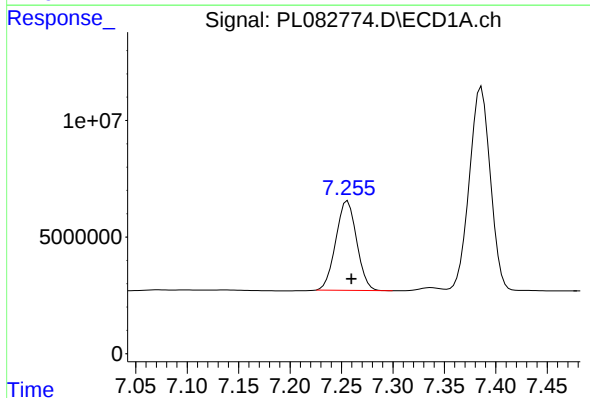
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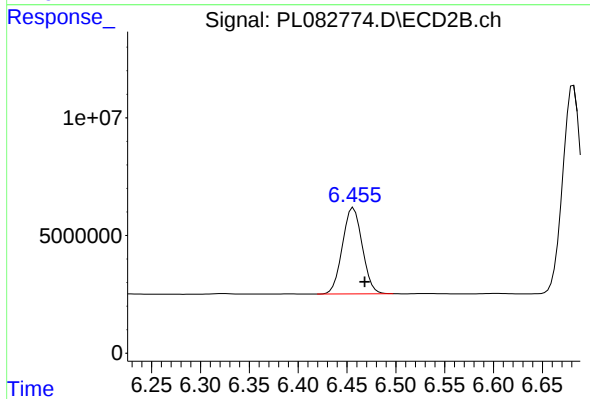
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 106921743
Conc: 45.42 ng/ml



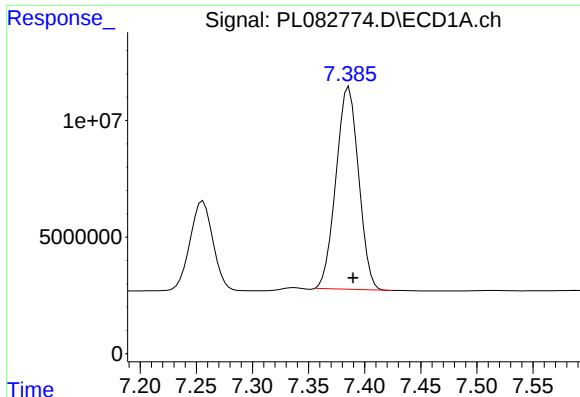
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 54163315
Conc: 44.38 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.013 min
Response: 51900476
Conc: 42.83 ng/ml m



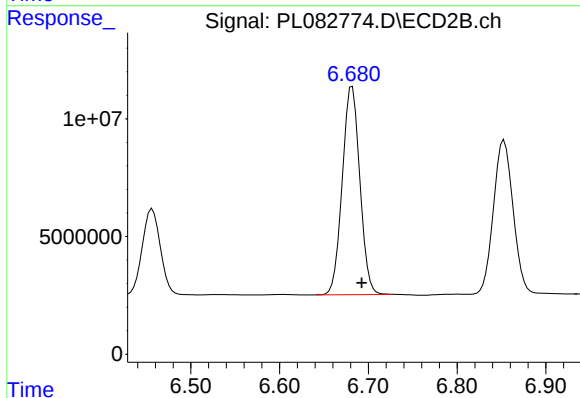
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 121608334
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

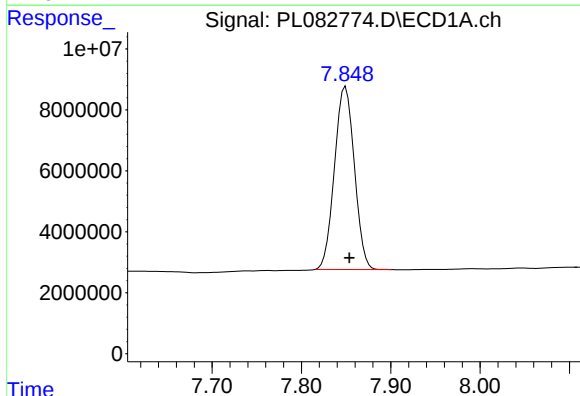
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2023
Supervised By :Ankita Jodhani 05/18/2023



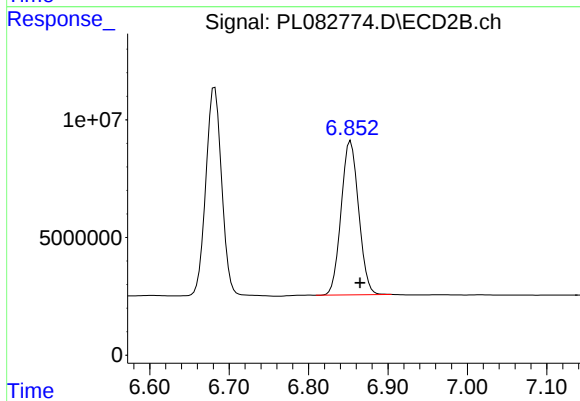
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: -0.012 min
Response: 121761349
Conc: 47.97 ng/ml m



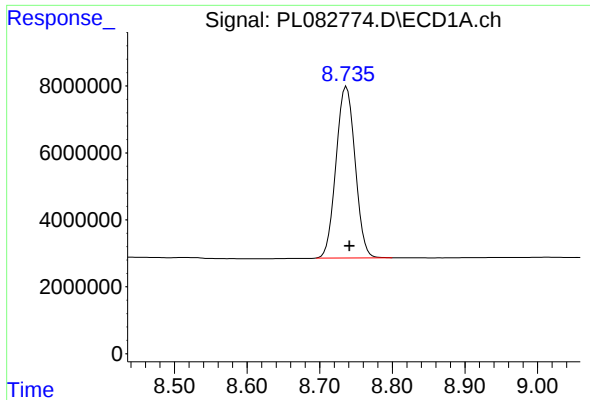
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.004 min
Response: 92907348
Conc: 47.49 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 100265579
Conc: 43.51 ng/ml m



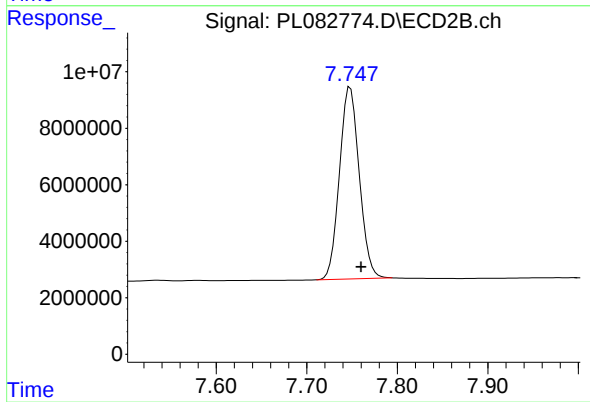
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.004 min
Response: 93521871
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/18/2023



#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.013 min
Response: 103286677
Conc: 45.25 ng/ml m