

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060623\
 Data File : PL083251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 15:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/07/2023
 Supervised By :Ankita Jodhani 06/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 21:00:51 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	2.634	137.4E6	119.4E6	46.737	46.001
28)	SA Decachlor...	8.736	7.741	99457471	114.4E6	47.421	46.016
Target Compounds							
2)	A alpha-BHC	3.765	3.131	208.2E6	172.9E6	46.908	46.329
3)	MA gamma-BHC...	4.094	3.457	194.7E6	160.1E6	46.997	48.037
4)	MA Heptachlor	4.672	3.788	175.7E6	158.7E6	45.963	43.351
5)	MB Aldrin	5.009	4.064	172.5E6	155.1E6	49.026	47.659
6)	B beta-BHC	4.298	3.758	86093804	67596467	45.728	47.267
7)	B delta-BHC	4.539	3.983	192.4E6	157.6E6	55.955	48.090
8)	B Heptachlo...	5.435	4.565	161.8E6	139.1E6	50.583	46.875
9)	A Endosulfan I	5.816	4.933	151.1E6	124.5E6	50.362	44.540
10)	B gamma-Chl...	5.689	4.814	160.3E6	141.1E6	50.448m	46.982
11)	B alpha-Chl...	5.768	4.877	162.0E6	140.3E6	50.490	46.723
12)	B 4,4'-DDE	5.947	5.066	137.8E6	119.7E6	49.980	49.294m
13)	MA Dieldrin	6.091	5.197	146.9E6	131.9E6	48.841	46.734
14)	MA Endrin	6.318	5.471	125.7E6	119.8E6	46.794	47.235
15)	B Endosulfa...	6.541	5.768	118.9E6	110.5E6	44.494	44.670
16)	A 4,4'-DDD	6.463	5.622	114.1E6	99825904	52.496	51.905
17)	MA 4,4'-DDT	6.774	5.871	113.2E6	100.6E6	45.241	45.086
18)	B Endrin al...	6.671	5.948	95185376	88838078	47.341	44.925
19)	B Endosulfa...	6.905	6.171	122.7E6	113.5E6	47.848	46.339
20)	A Methoxychlor	7.255	6.450	59837297	56528522	45.250	44.449
21)	B Endrin ke...	7.385	6.675	125.6E6	125.9E6	49.247	46.569
22)	Mirex	7.848	6.845	98329330	106.3E6	46.912	45.421

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060623\
Data File : PL083251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2023 15:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

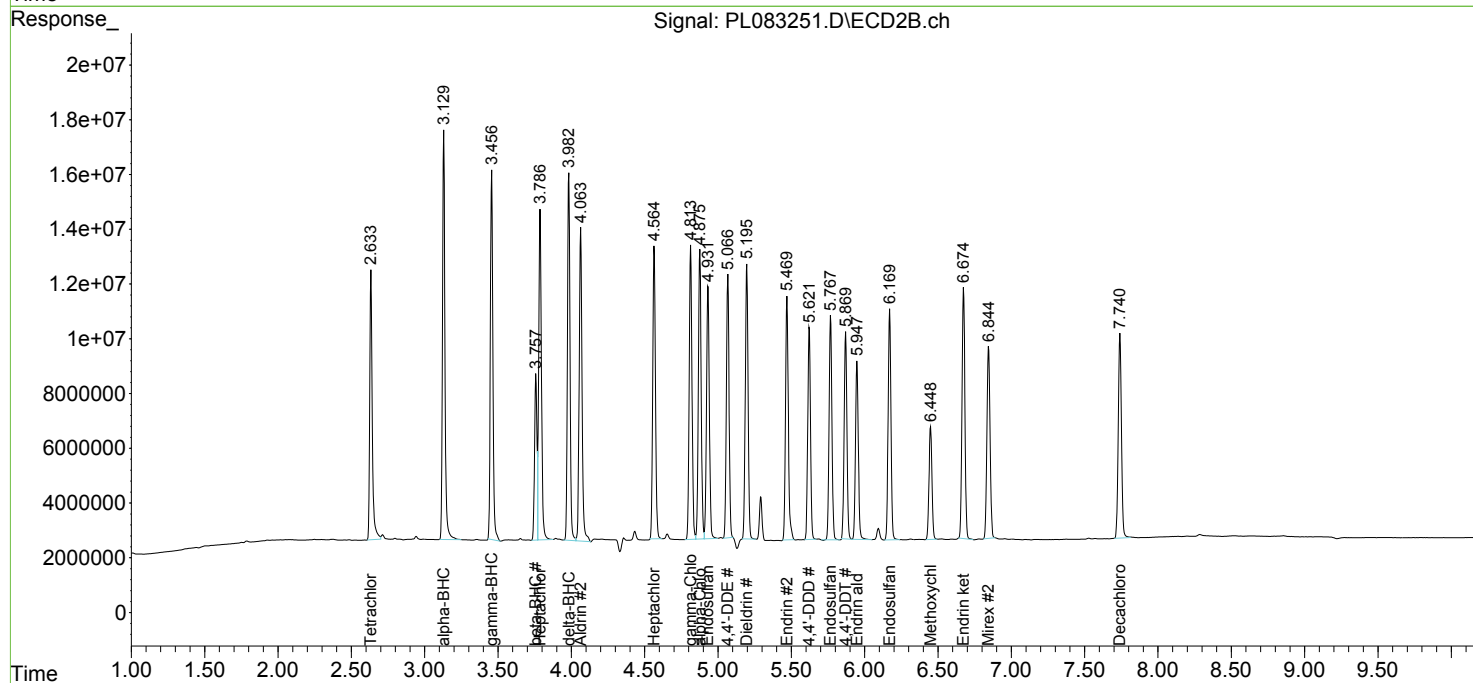
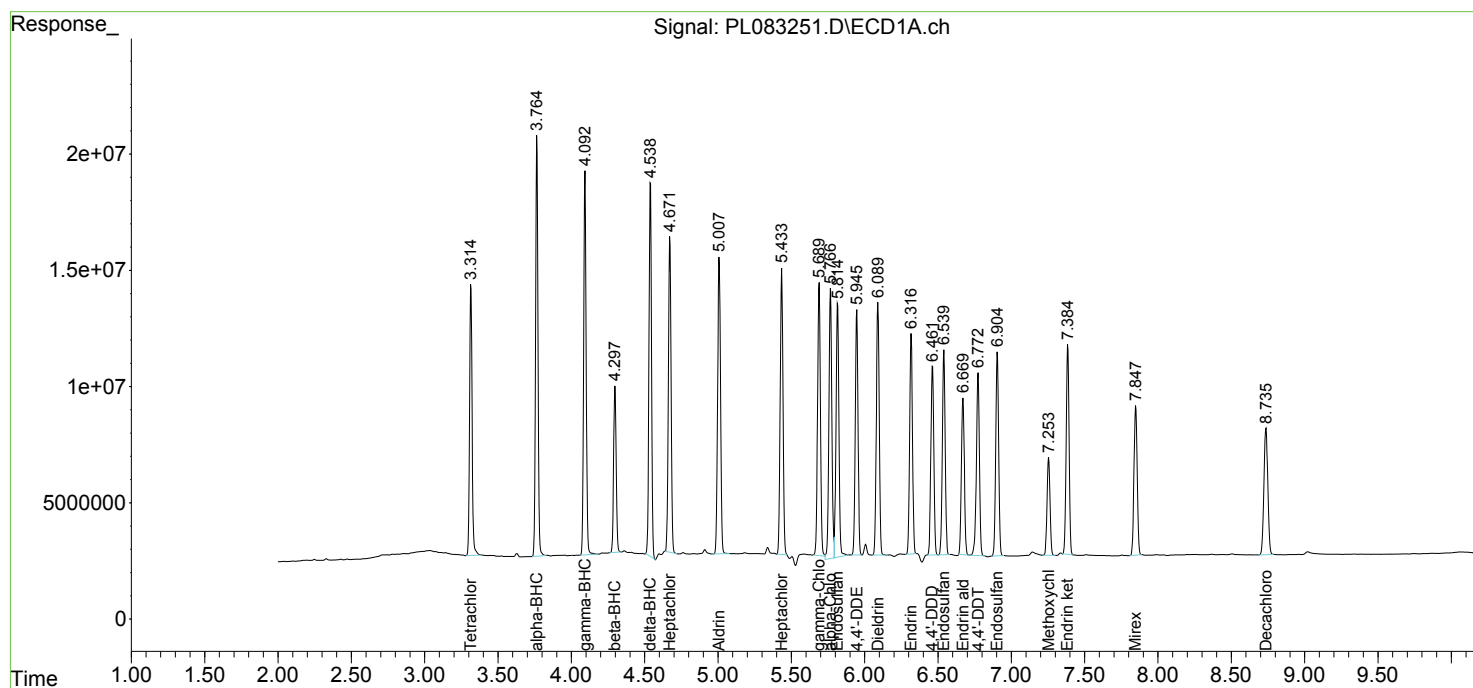
APPROVED

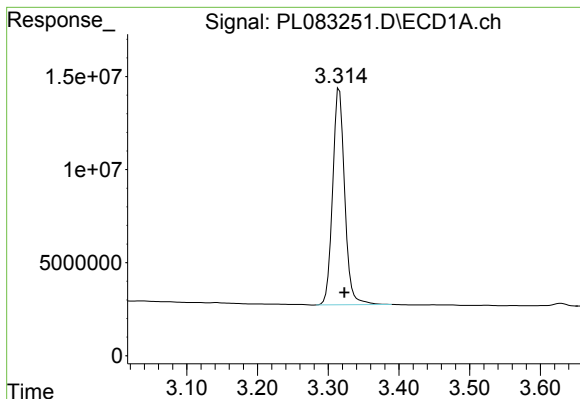
Reviewed By :Abdul Mirza 06/07/2023

Supervised By :Ankita Jodhani 06/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 21:00:51 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: 137361378
Conc: 46.74 ng/ml

Instrument :

ECD_L

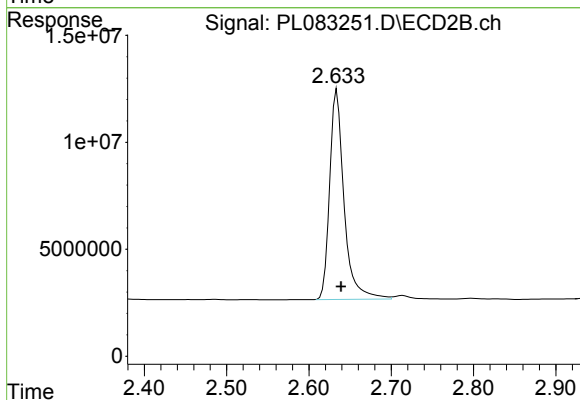
ClientSampleId :

PSTDCCC050

Manual Integrations

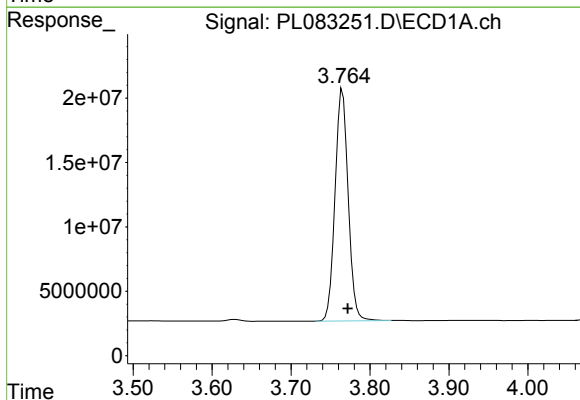
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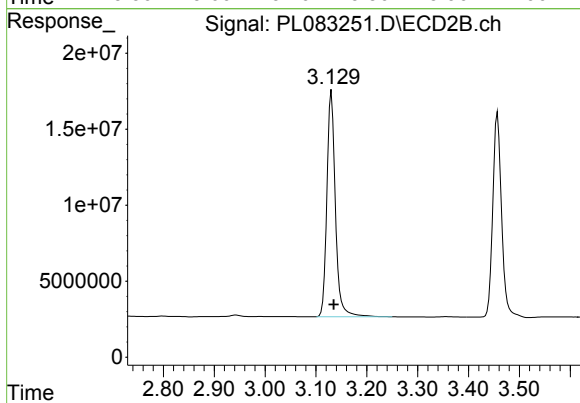
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 119423408
Conc: 46.00 ng/ml



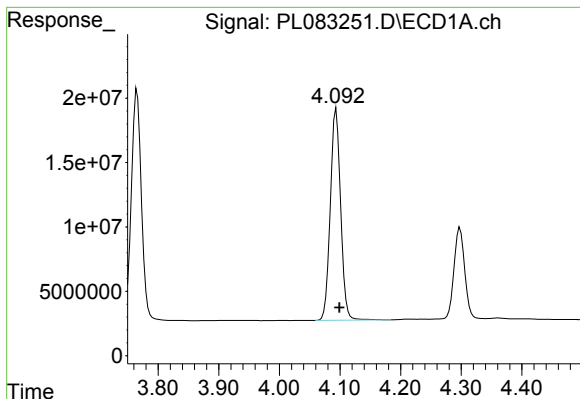
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 208235791
Conc: 46.91 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.005 min
Response: 172874830
Conc: 46.33 ng/ml



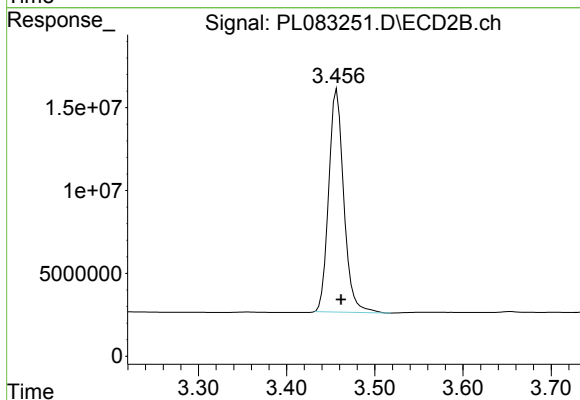
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 194703645
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

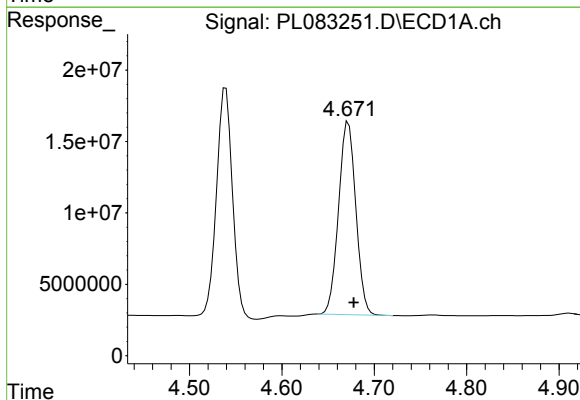
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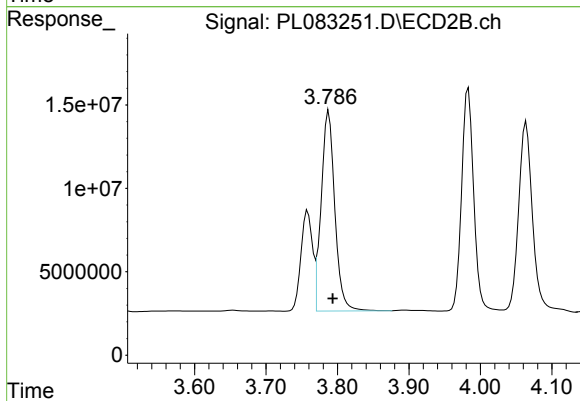
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 160121761
Conc: 48.04 ng/ml



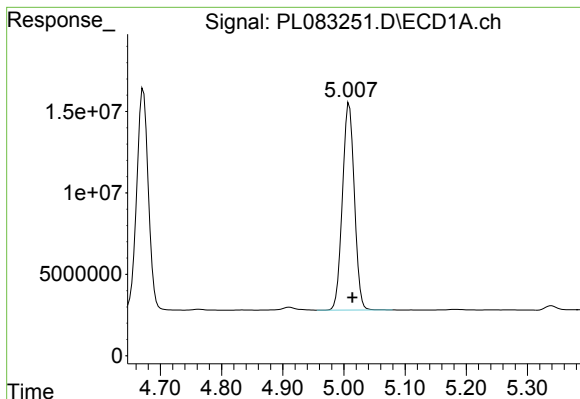
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 175692079
Conc: 45.96 ng/ml



#4 Heptachlor

R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 158712681
Conc: 43.35 ng/ml



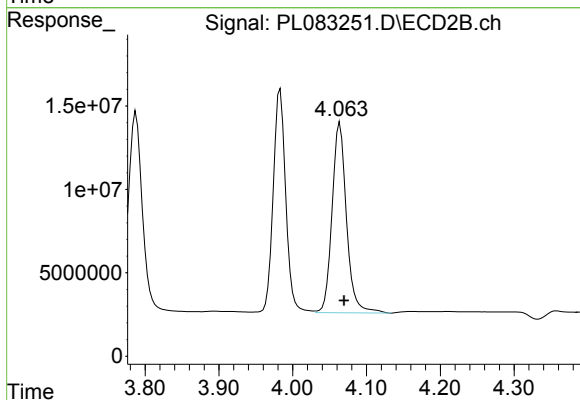
#5 Aldrin

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 172480552
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

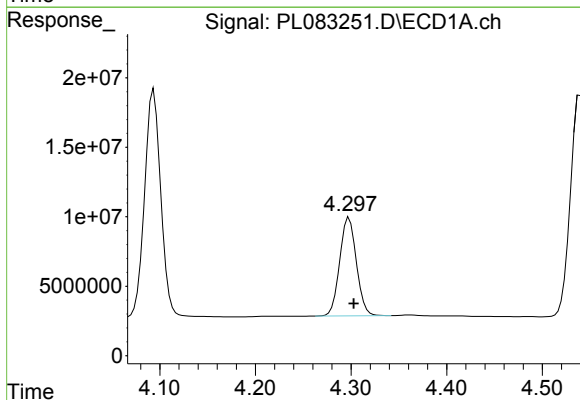
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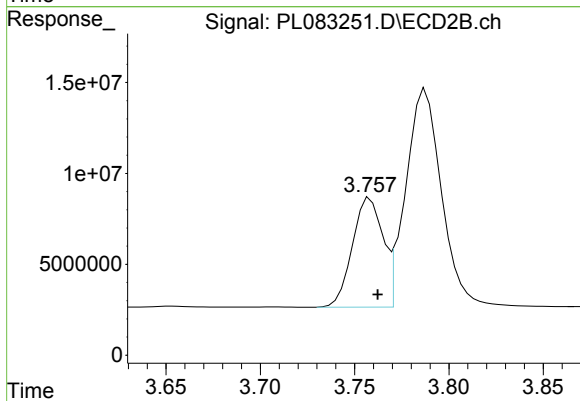
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.006 min
Response: 155065010
Conc: 47.66 ng/ml



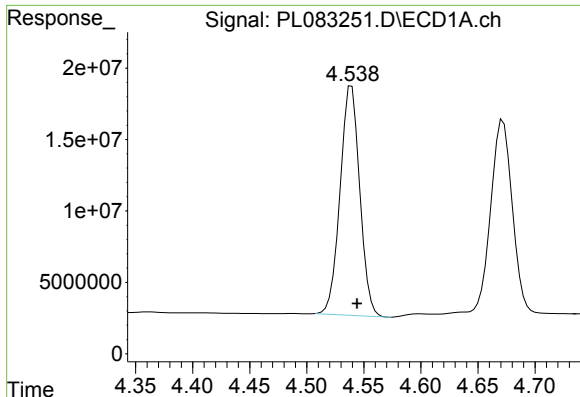
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 86093804
Conc: 45.73 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: -0.004 min
Response: 67596467
Conc: 47.27 ng/ml



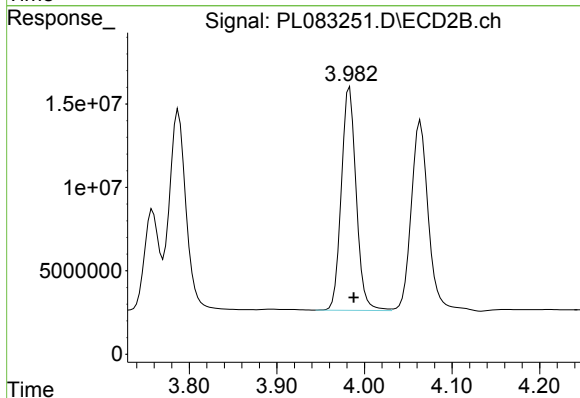
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 192425607
Conc: 55.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

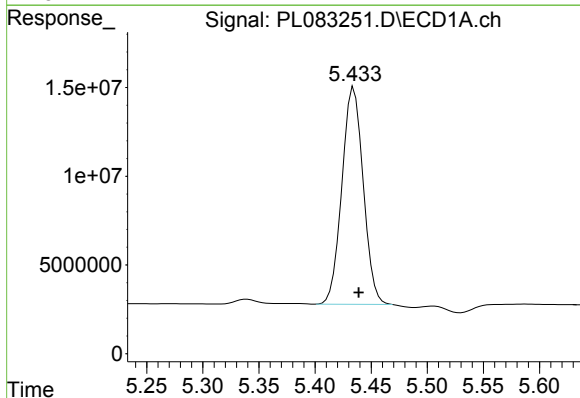
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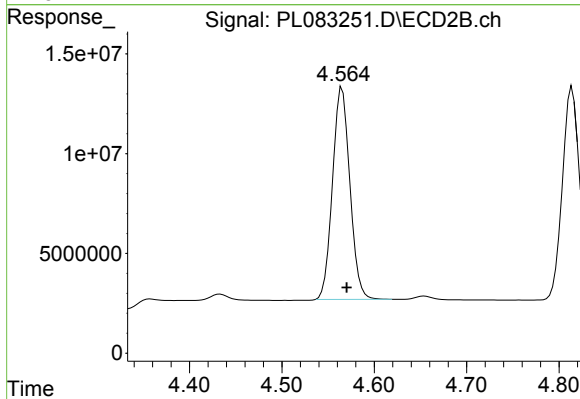
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 157565067
Conc: 48.09 ng/ml



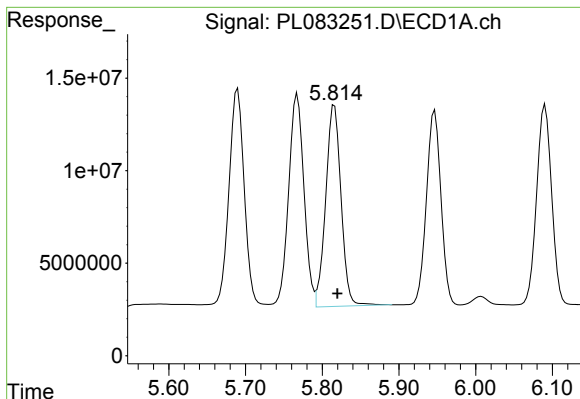
#8 Heptachlor epoxide

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 161801487
Conc: 50.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 139119500
Conc: 46.87 ng/ml



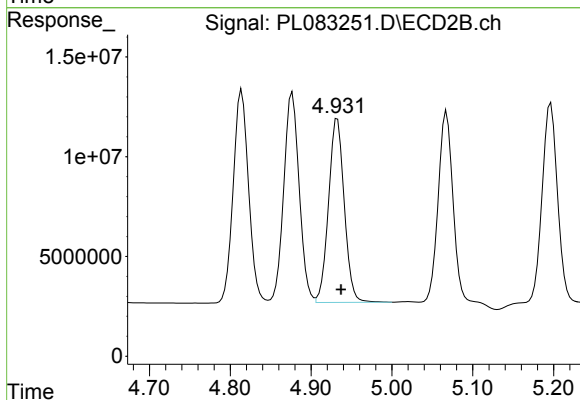
#9 Endosulfan I

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 151114033
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

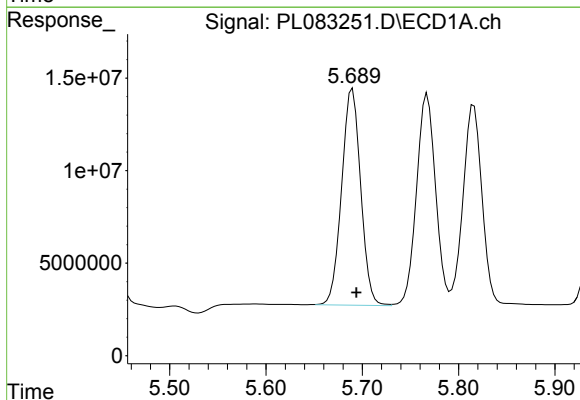
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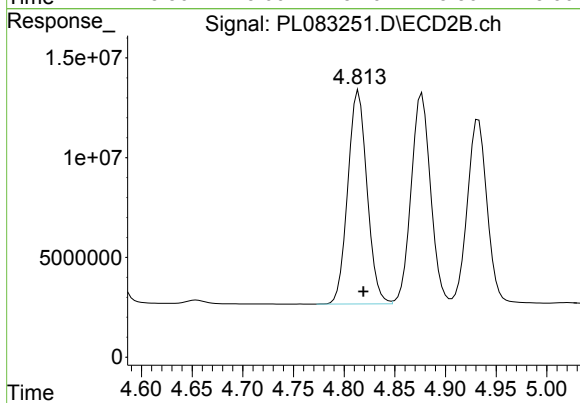
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 124461058
Conc: 44.54 ng/ml



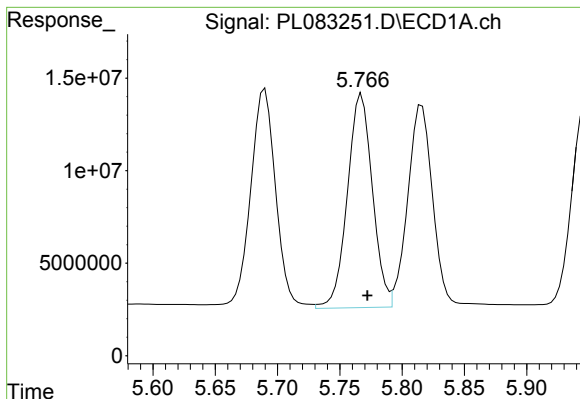
#10 gamma-Chlordane

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 160270460
Conc: 50.45 ng/ml m



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 141106281
Conc: 46.98 ng/ml



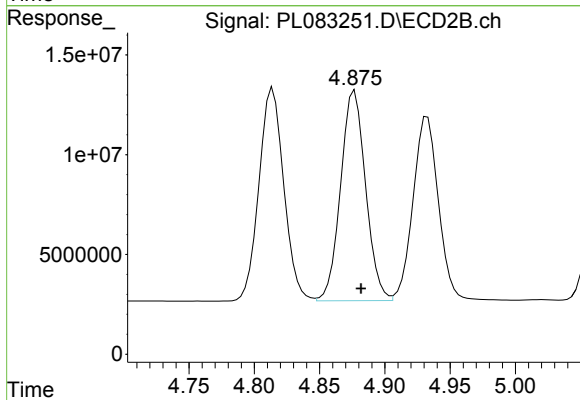
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 162039592
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

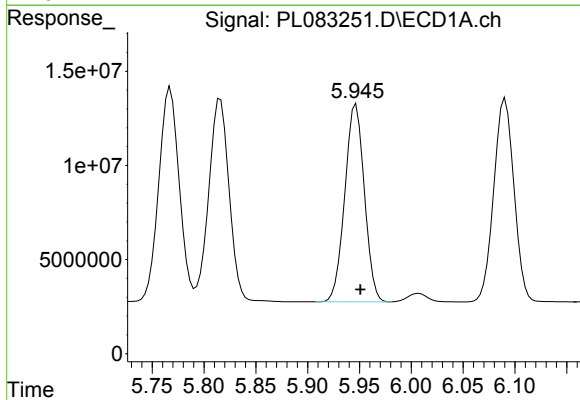
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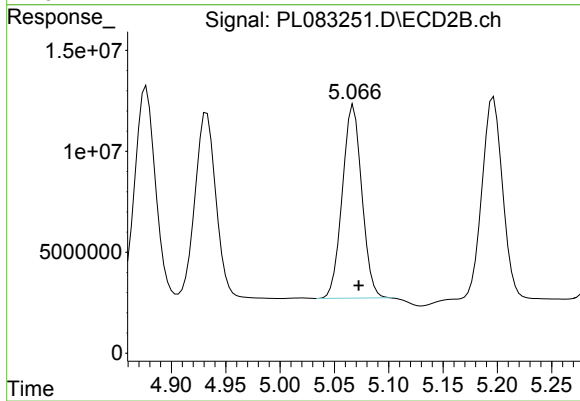
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 140262235
Conc: 46.72 ng/ml



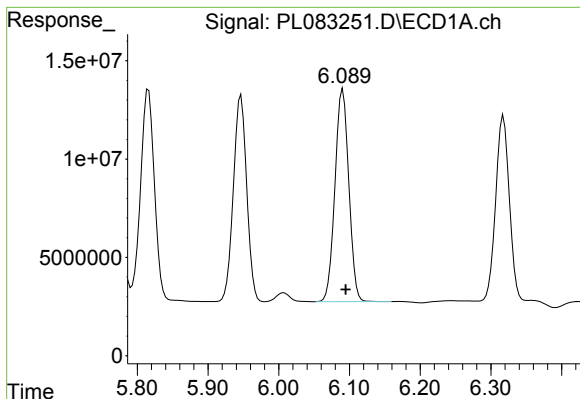
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 137769026
Conc: 49.98 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 119723387
Conc: 49.29 ng/ml m



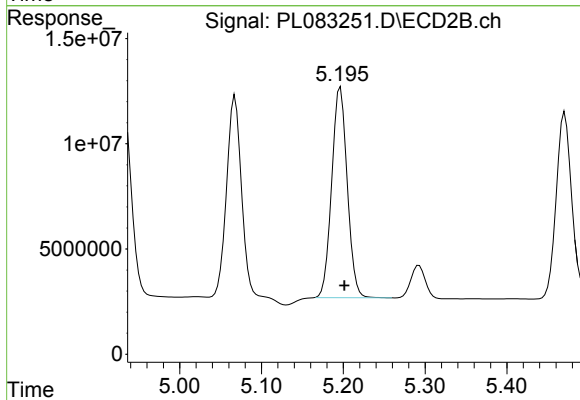
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 146906550
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

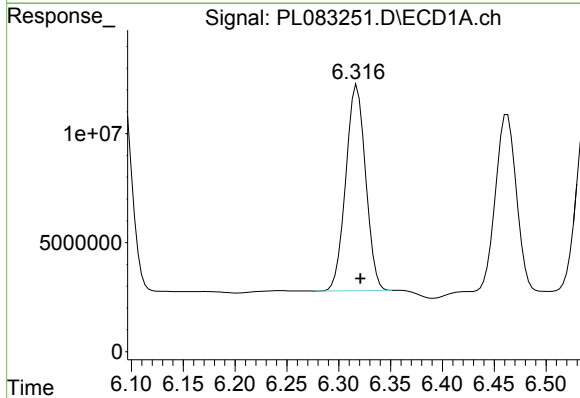
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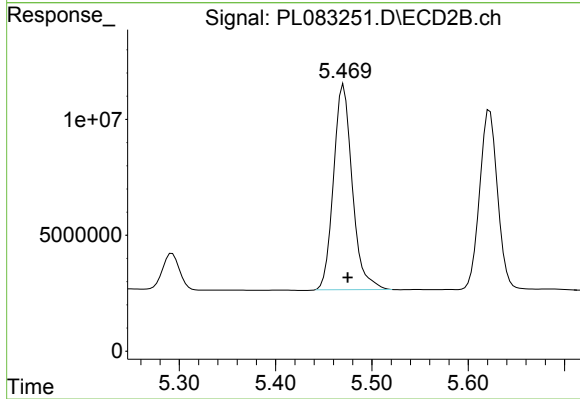
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 131927751
Conc: 46.73 ng/ml



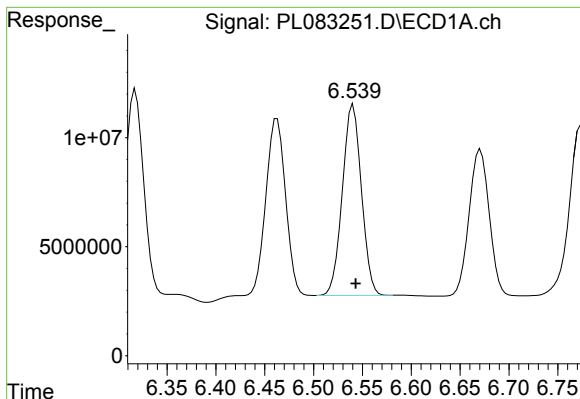
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 125747579
Conc: 46.79 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 119834193
Conc: 47.24 ng/ml



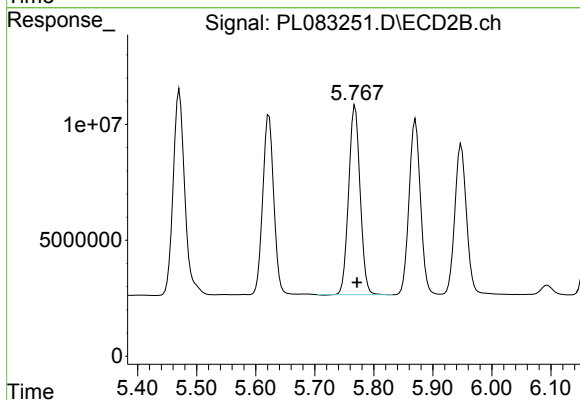
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 118900244
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

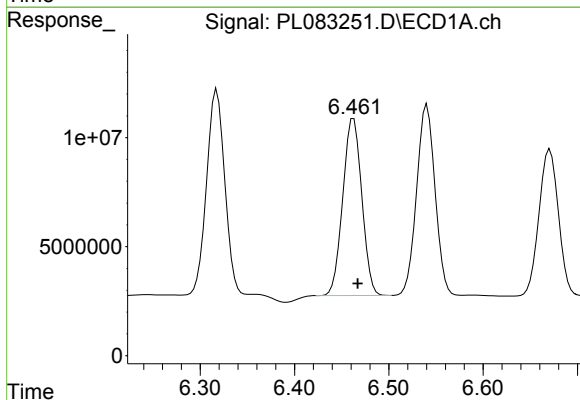
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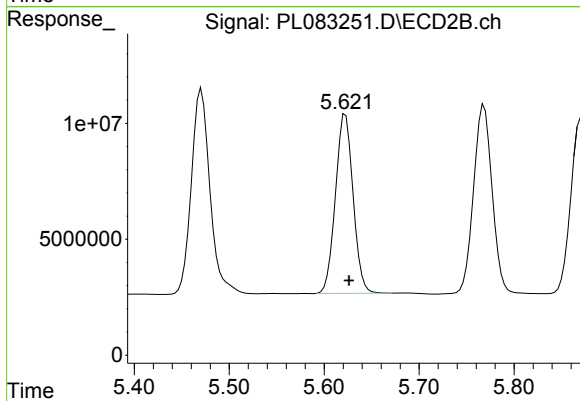
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 110522786
Conc: 44.67 ng/ml



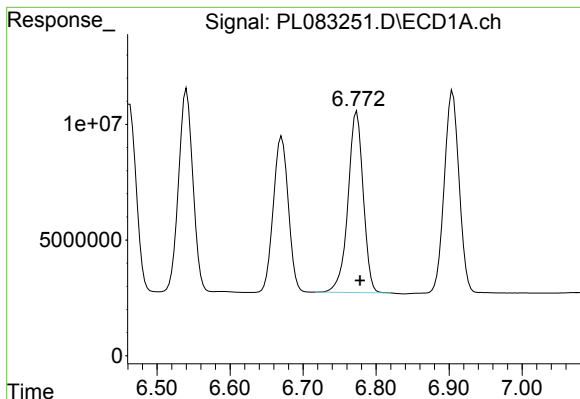
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 114077136
Conc: 52.50 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 99825904
Conc: 51.91 ng/ml



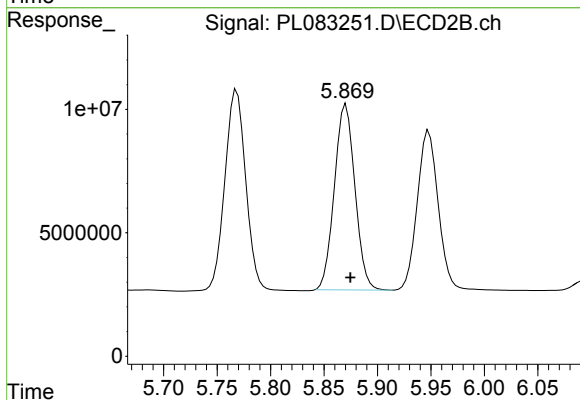
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 113247212
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

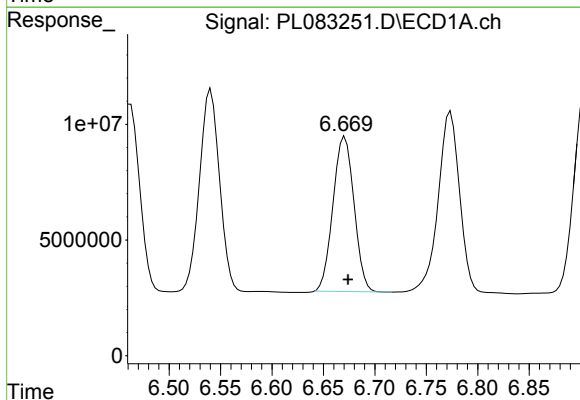
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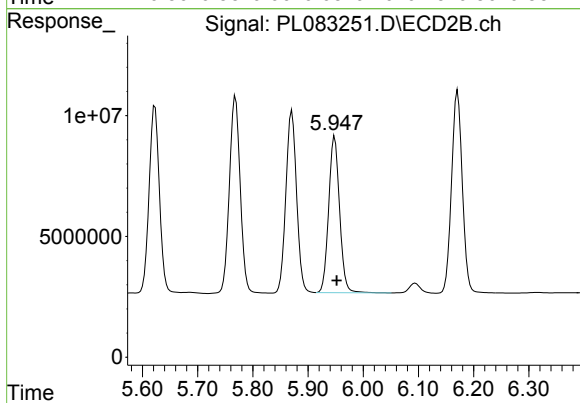
#17 4,4'-DDT

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 100588802
Conc: 45.09 ng/ml



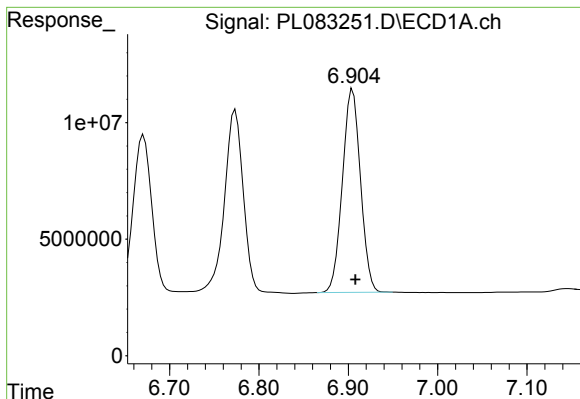
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 95185376
Conc: 47.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 88838078
Conc: 44.93 ng/ml



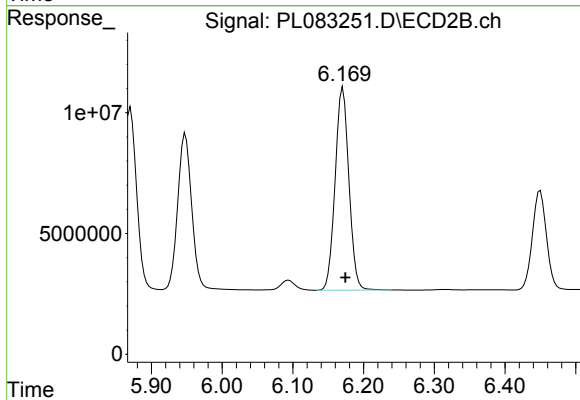
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 122668909
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

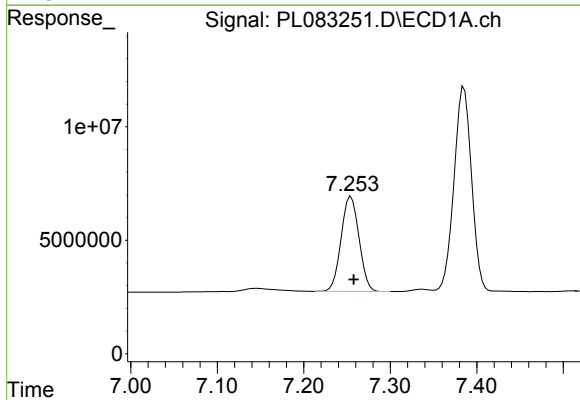
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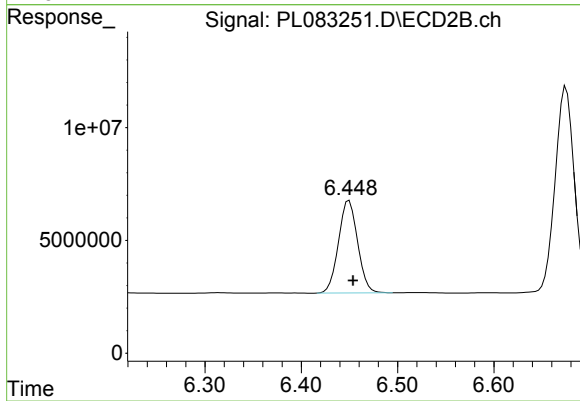
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 113484315
Conc: 46.34 ng/ml



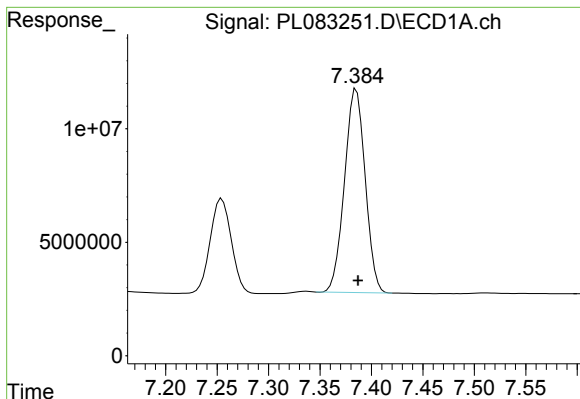
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 59837297
Conc: 45.25 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 56528522
Conc: 44.45 ng/ml



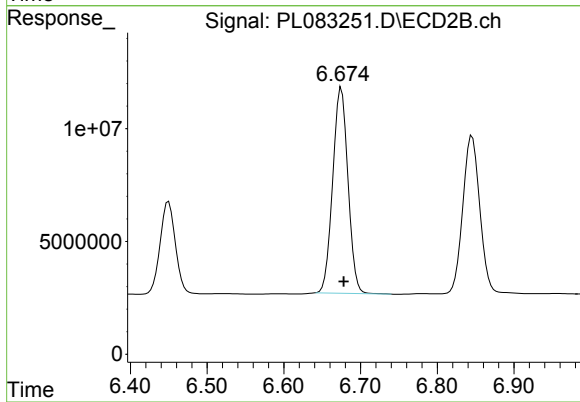
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 125620001
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

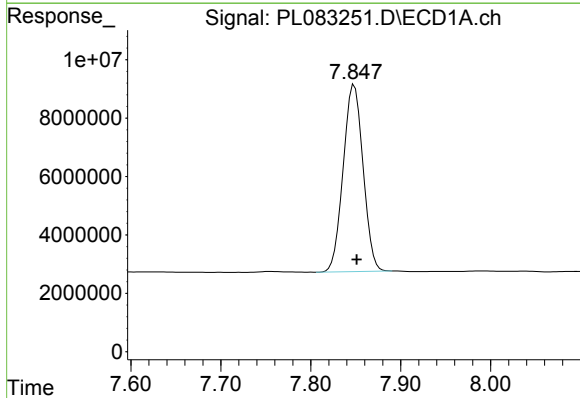
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APPROVED

Reviewed By :Abdul Mirza 06/07/2023
Supervised By :Ankita Jodhani 06/07/2023



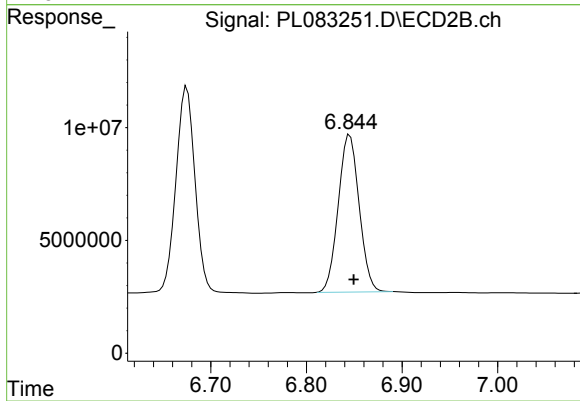
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 125914943
Conc: 46.57 ng/ml



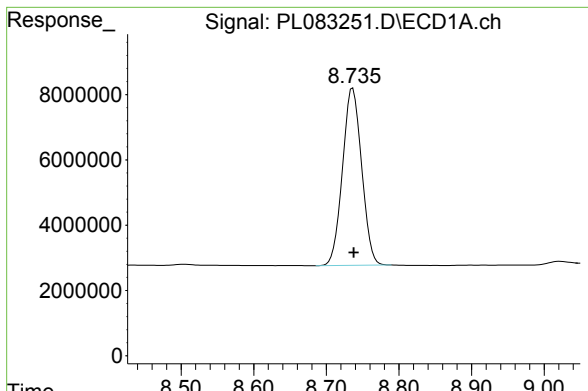
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.003 min
Response: 98329330
Conc: 46.91 ng/ml



#22 Mirex

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 106276895
Conc: 45.42 ng/ml



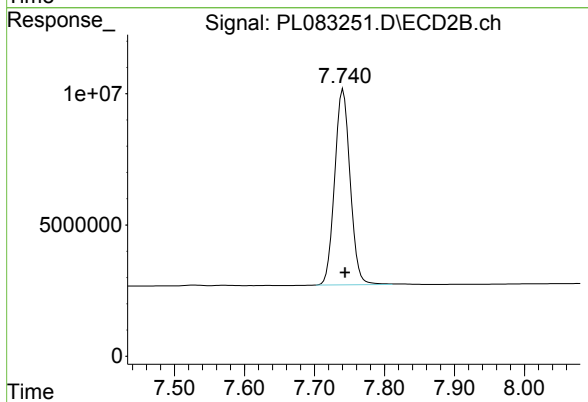
#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.002 min
Response: 99457471
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 114419823
Conc: 46.02 ng/ml