

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061223\
 Data File : PL083382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2023 17:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2023
 Supervised By : Ankita Jodhani 06/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 22:30:35 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...	3.313	2.632	144.4E6	126.7E6	49.145	48.801
28)	SA Decachlor...	8.728	7.733	112.2E6	124.4E6	53.509	50.023
Target Compounds							
2)	A alpha-BHC	3.762	3.127	220.5E6	182.7E6	49.676	48.975
3)	MA gamma-BHC...	4.090	3.452	205.2E6	168.1E6	49.538	50.421m
4)	MA Heptachlor	4.667	3.783	195.1E6	174.1E6	51.046	47.552
5)	MB Aldrin	5.004	4.059	182.4E6	159.0E6	51.840	48.866
6)	B beta-BHC	4.295	3.755	89424557	68658358	47.497	48.010
7)	B delta-BHC	4.535	3.979	198.7E6	164.0E6	57.776	50.069
8)	B Heptachlo...	5.430	4.558	164.7E6	145.8E6	51.501	49.131m
9)	A Endosulfan I	5.811	4.927	152.0E6	136.6E6	50.642	48.873
10)	B gamma-Chl...	5.685	4.809	164.6E6	146.0E6	51.801	48.616
11)	B alpha-Chl...	5.762	4.871	162.5E6	146.0E6	50.621	48.642
12)	B 4,4'-DDE	5.941	5.061	145.7E6	124.5E6	52.868	51.241m
13)	MA Dieldrin	6.085	5.189	154.6E6	138.3E6	51.401	49.004m
14)	MA Endrin	6.312	5.463	133.0E6	120.5E6	49.478	47.504m
15)	B Endosulfa...	6.535	5.762	126.9E6	115.6E6	47.790	46.731
16)	A 4,4'-DDD	6.458	5.615	119.2E6	101.6E6	54.847	52.806m
17)	MA 4,4'-DDT	6.768	5.863	123.9E6	107.5E6	49.511	48.194m
18)	B Endrin al...	6.664	5.941	103.9E6	93879729	51.663m	47.475
19)	B Endosulfa...	6.900	6.164	132.0E6	119.7E6	51.488	48.880
20)	A Methoxychlor	7.250	6.443	65945663	59140851	49.869	46.504
21)	B Endrin ke...	7.379	6.667	135.9E6	133.7E6	53.273	49.460m
22)	Mirex	7.842	6.837	105.3E6	112.9E6	50.246	48.242m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061223\
Data File : PL083382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jun 2023 17:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

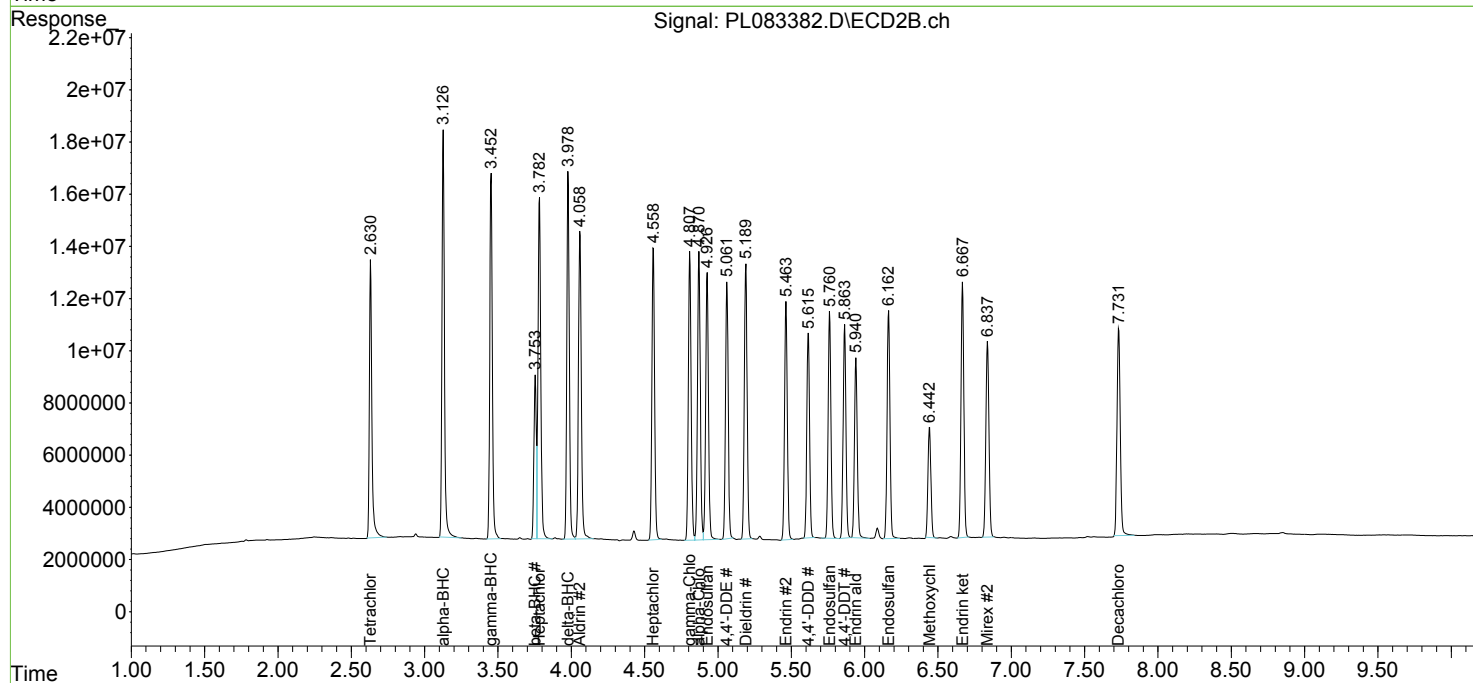
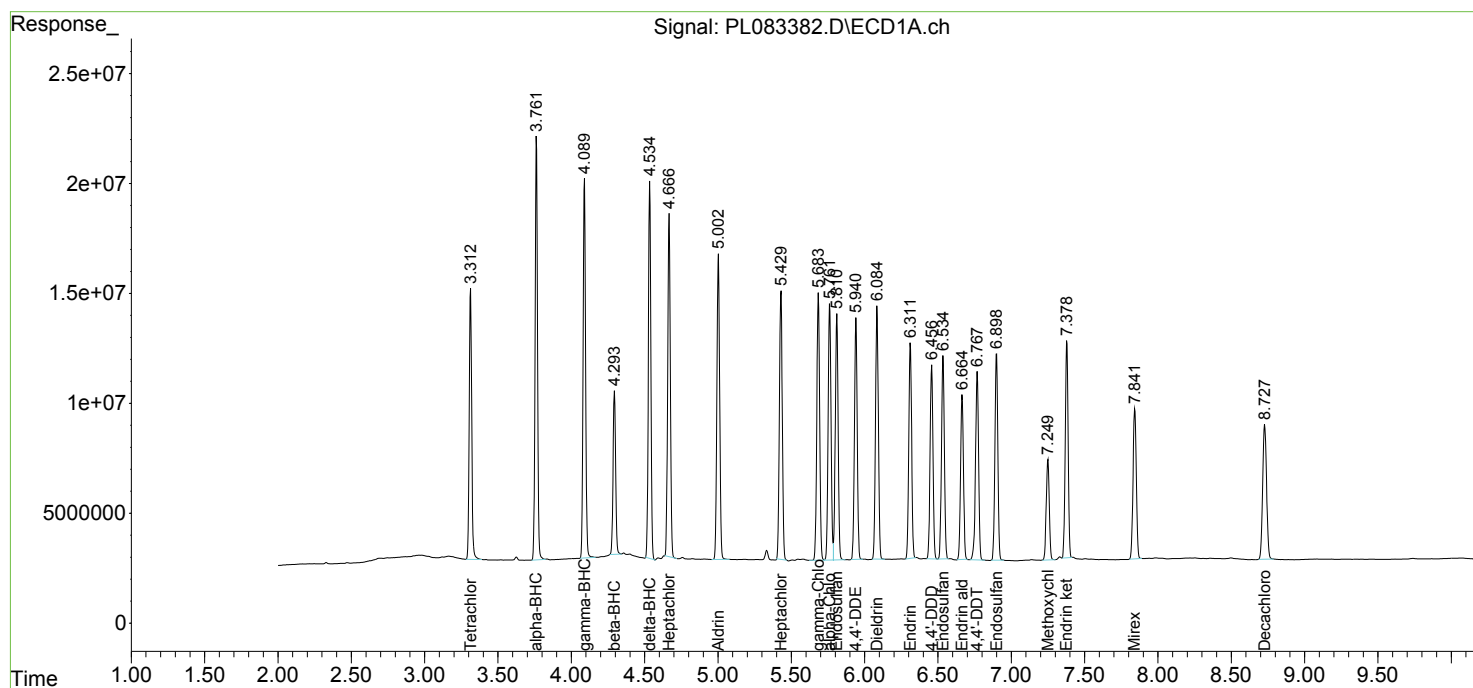
APPROVED

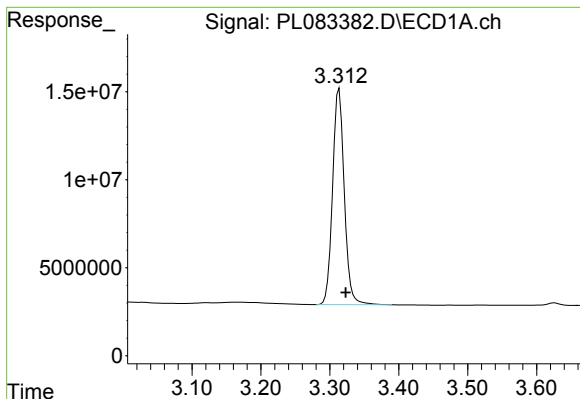
Reviewed By :Abdul Mirza 06/13/2023

Supervised By :Ankita Jodhani 06/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 22:30:35 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





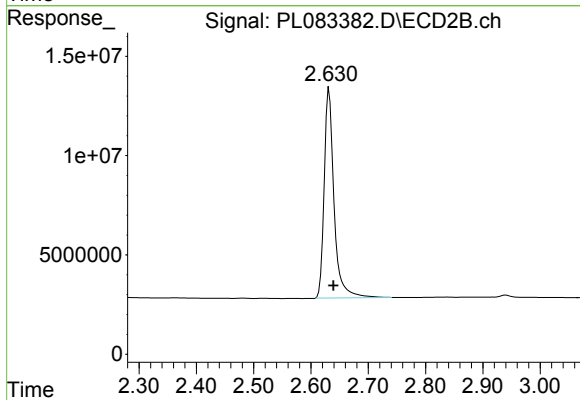
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 144438443
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

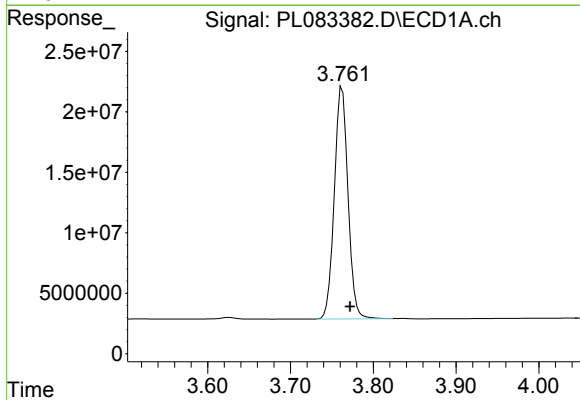
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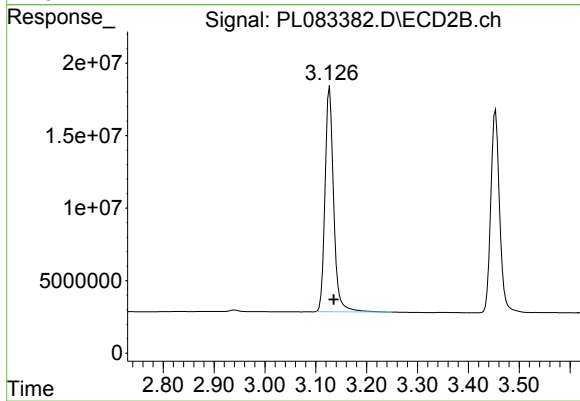
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 126690626
Conc: 48.80 ng/ml



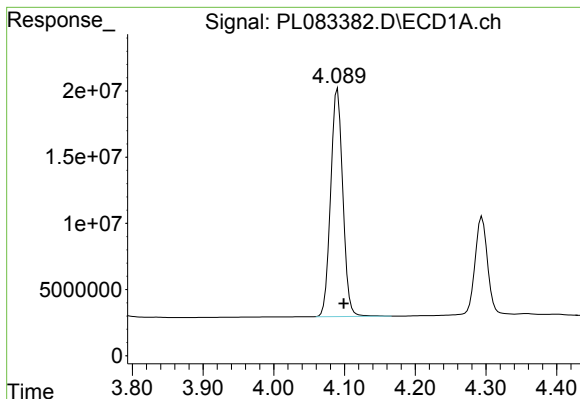
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 220522893
Conc: 49.68 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 182747832
Conc: 48.98 ng/ml



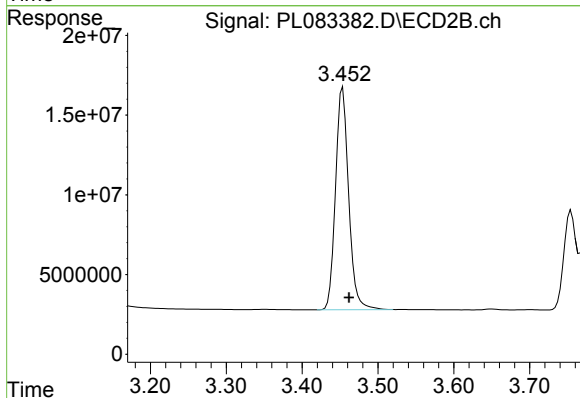
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 205229917
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

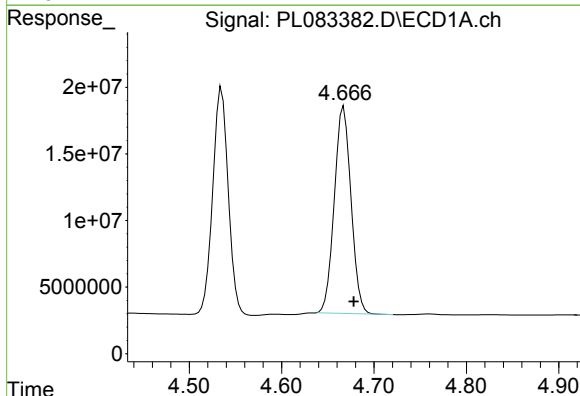
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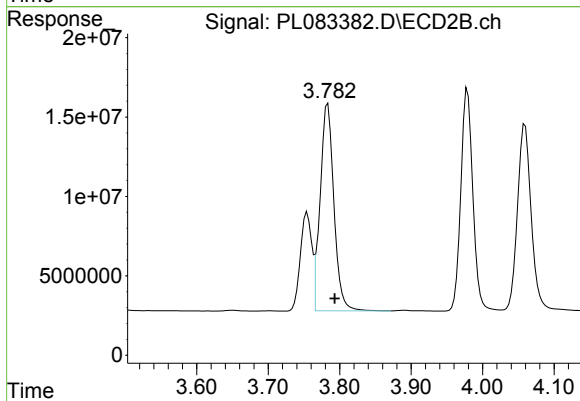
#3 gamma-BHC (Lindane)

R.T.: 3.452 min
Delta R.T.: -0.010 min
Response: 168067842
Conc: 50.42 ng/ml m



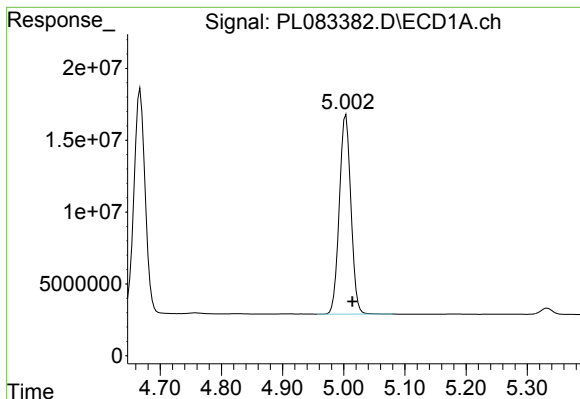
#4 Heptachlor

R.T.: 4.667 min
Delta R.T.: -0.011 min
Response: 195119860
Conc: 51.05 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 174093296
Conc: 47.55 ng/ml



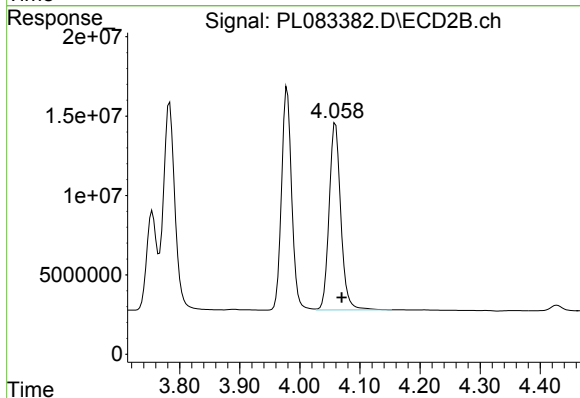
#5 Aldrin

R.T.: 5.004 min
Delta R.T.: -0.010 min
Response: 182380243
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

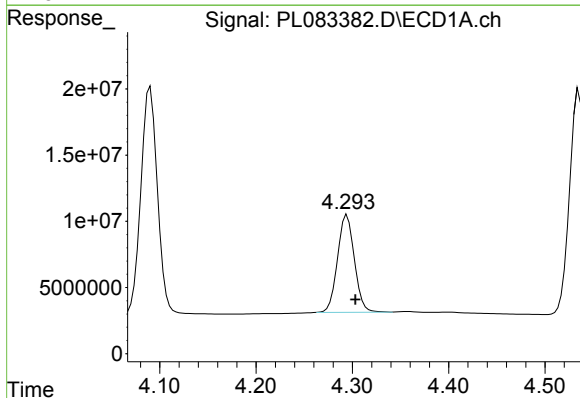
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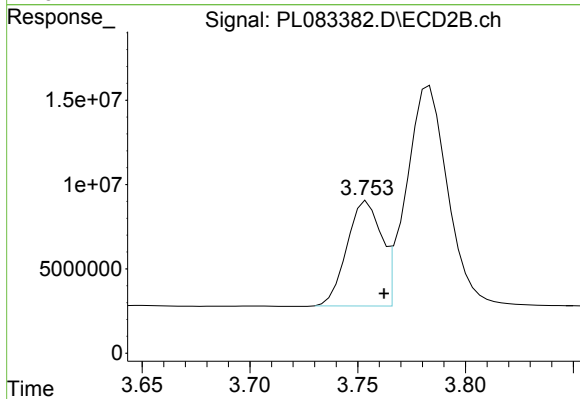
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.010 min
Response: 158990243
Conc: 48.87 ng/ml



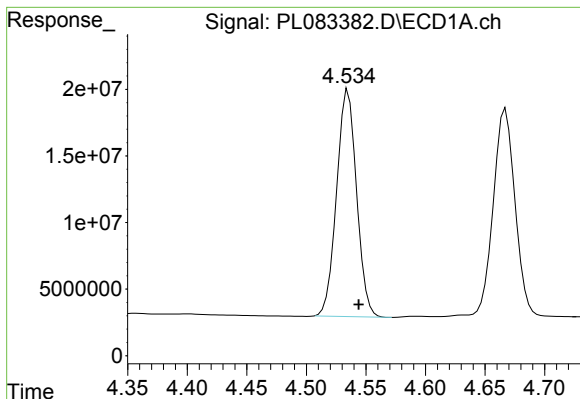
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 89424557
Conc: 47.50 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.008 min
Response: 68658358
Conc: 48.01 ng/ml



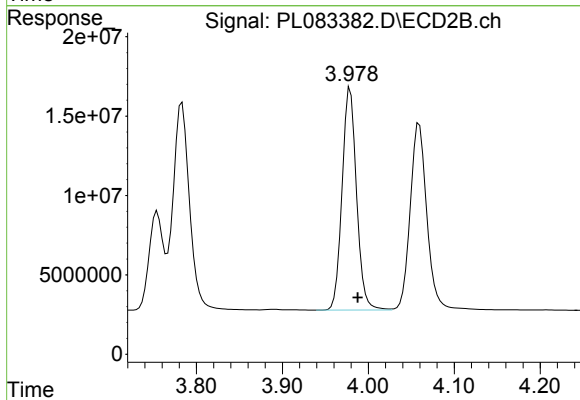
#7 delta-BHC

R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 198685097
Conc: 57.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

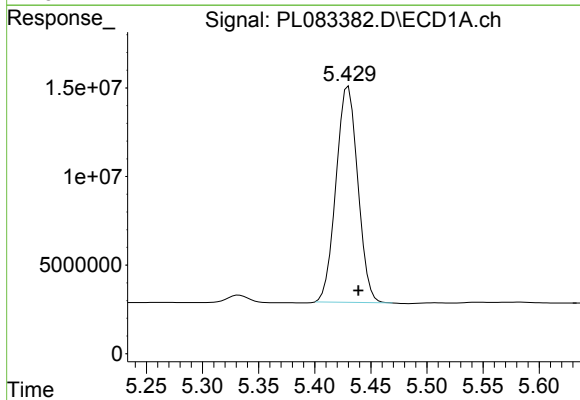
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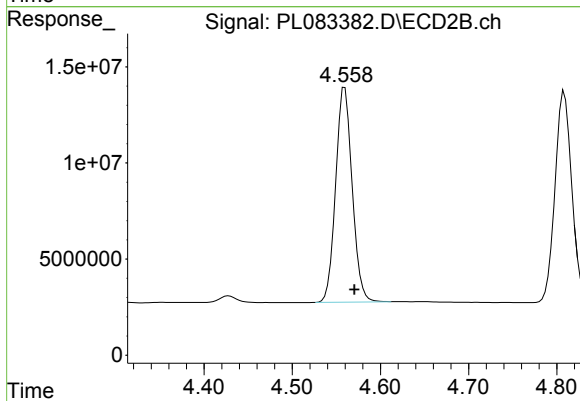
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: -0.009 min
Response: 164048537
Conc: 50.07 ng/ml



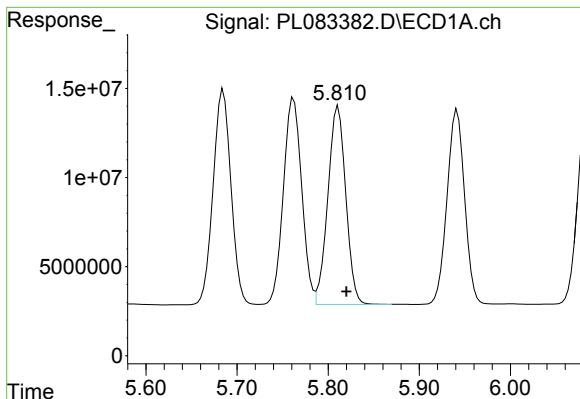
#8 Heptachlor epoxide

R.T.: 5.430 min
Delta R.T.: -0.009 min
Response: 164736230
Conc: 51.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.012 min
Response: 145814727
Conc: 49.13 ng/ml m



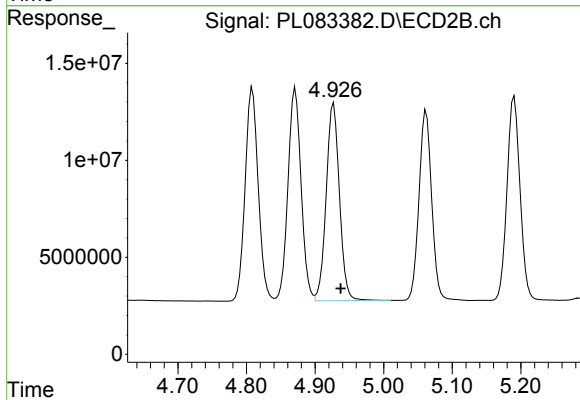
#9 Endosulfan I

R.T.: 5.811 min
Delta R.T.: -0.009 min
Response: 151954563
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

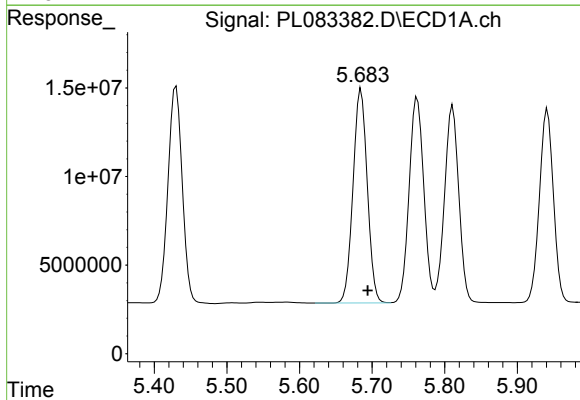
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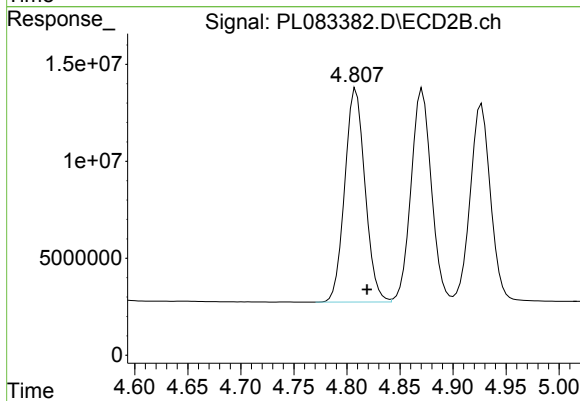
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.010 min
Response: 136570700
Conc: 48.87 ng/ml



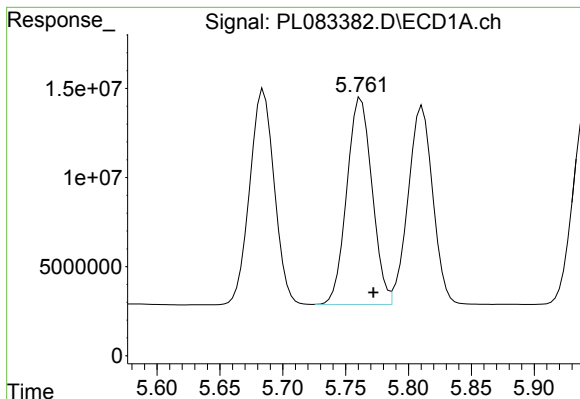
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 164570108
Conc: 51.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.011 min
Response: 146011654
Conc: 48.62 ng/ml



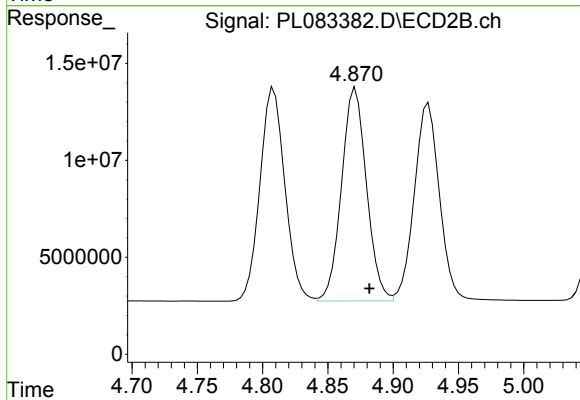
#11 alpha-Chlordane

R.T.: 5.762 min
Delta R.T.: -0.010 min
Response: 162459158
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

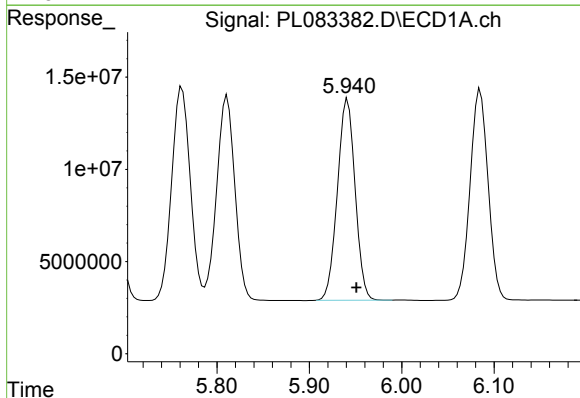
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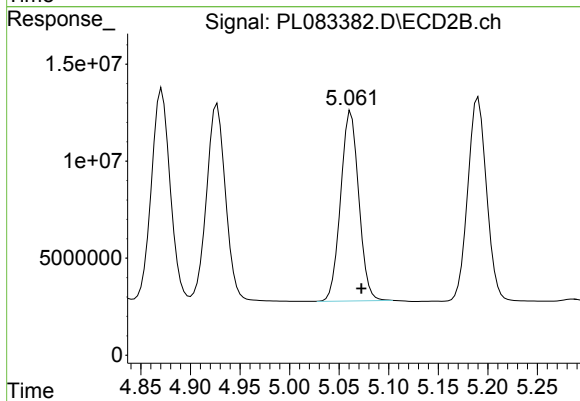
#11 alpha-Chlordane

R.T.: 4.871 min
Delta R.T.: -0.011 min
Response: 146020988
Conc: 48.64 ng/ml



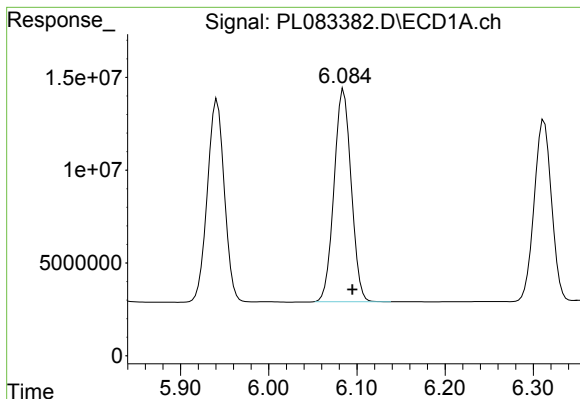
#12 4,4'-DDE

R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 145732258
Conc: 52.87 ng/ml



#12 4,4'-DDE

R.T.: 5.061 min
Delta R.T.: -0.012 min
Response: 124451335
Conc: 51.24 ng/ml m



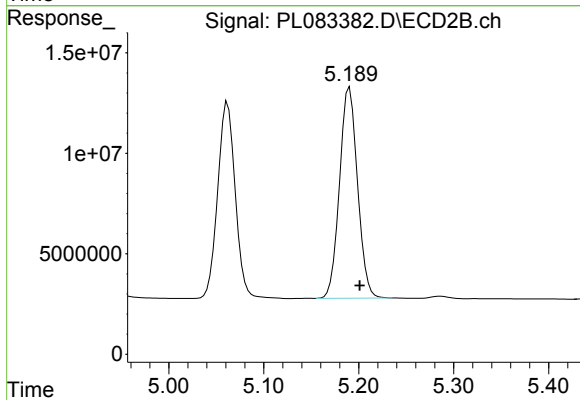
#13 Dieldrin

R.T.: 6.085 min
Delta R.T.: -0.010 min
Response: 154605409
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

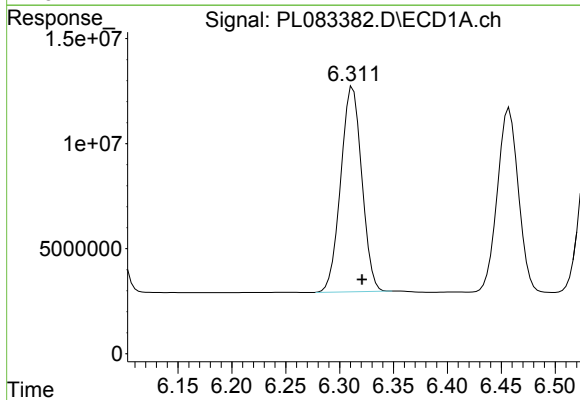
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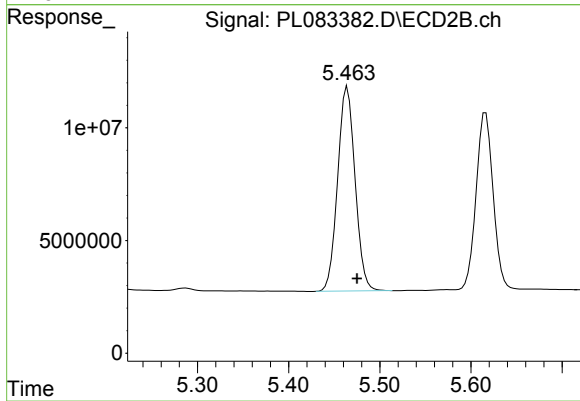
#13 Dieldrin

R.T.: 5.189 min
Delta R.T.: -0.012 min
Response: 138333000
Conc: 49.00 ng/ml m



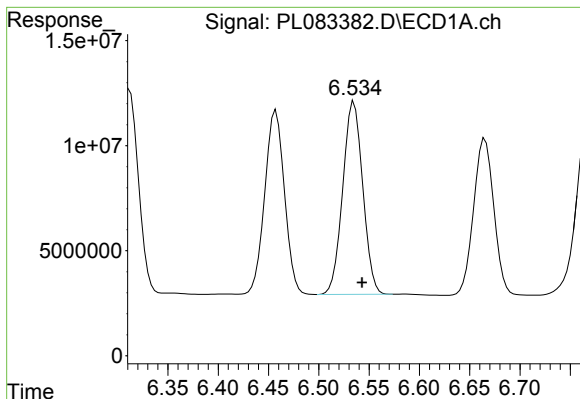
#14 Endrin

R.T.: 6.312 min
Delta R.T.: -0.009 min
Response: 132959491
Conc: 49.48 ng/ml



#14 Endrin

R.T.: 5.463 min
Delta R.T.: -0.012 min
Response: 120515791
Conc: 47.50 ng/ml m



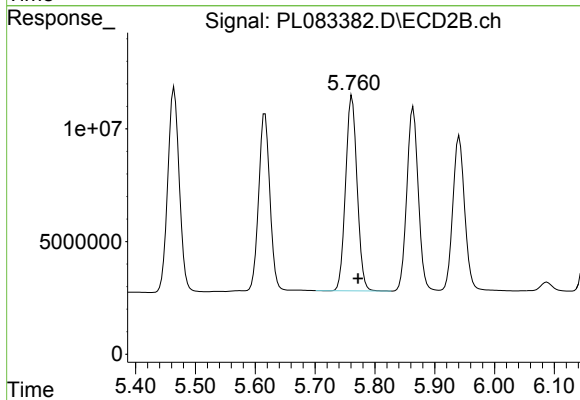
#15 Endosulfan II

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 126873896
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

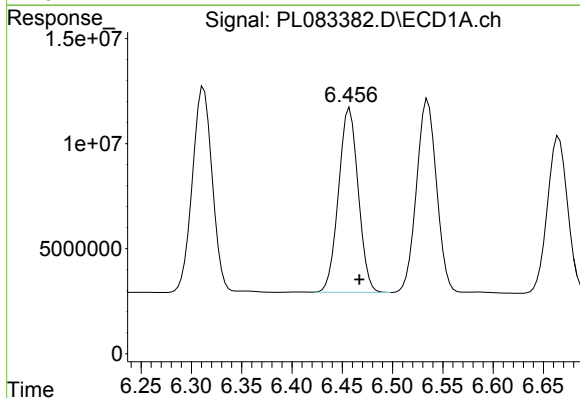
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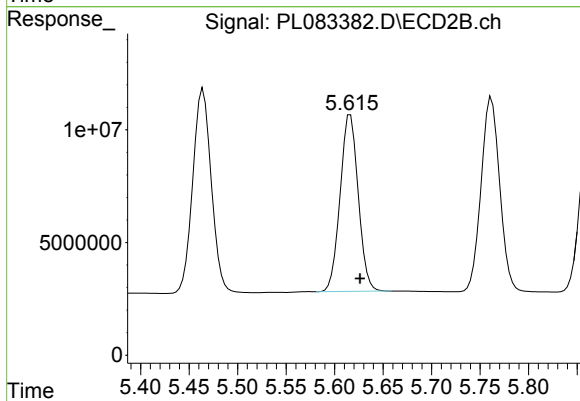
#15 Endosulfan II

R.T.: 5.762 min
Delta R.T.: -0.010 min
Response: 115620727
Conc: 46.73 ng/ml



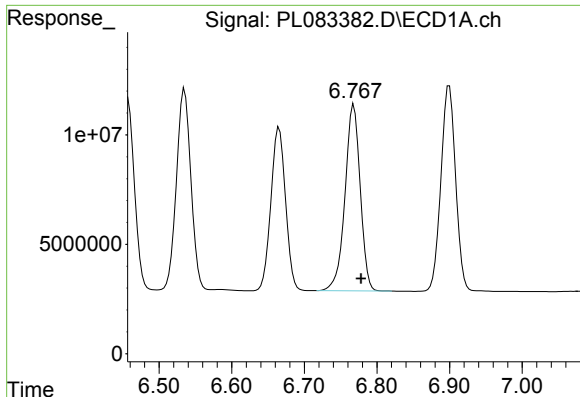
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 119185763
Conc: 54.85 ng/ml



#16 4,4'-DDD

R.T.: 5.615 min
Delta R.T.: -0.011 min
Response: 101557538
Conc: 52.81 ng/ml m



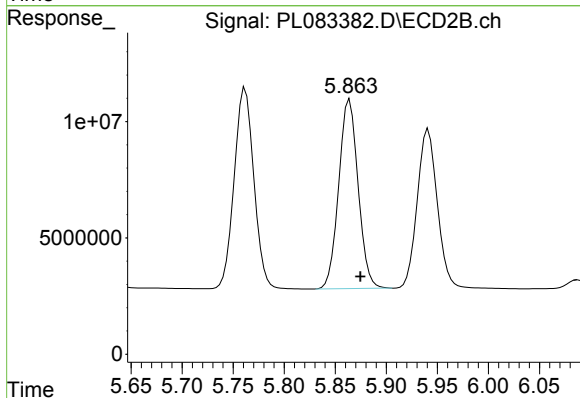
#17 4,4'-DDT

R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 123935399
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

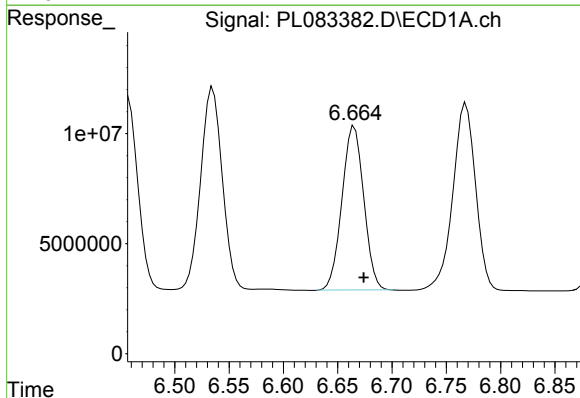
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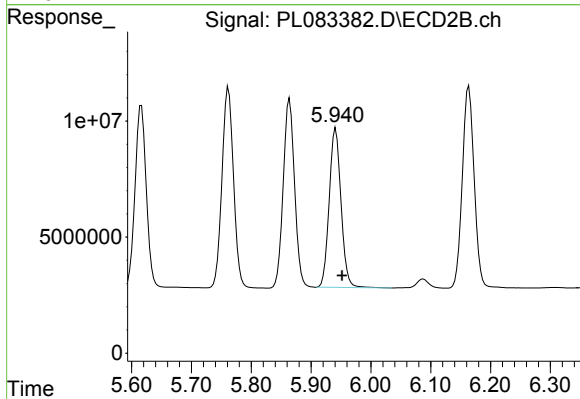
#17 4,4'-DDT

R.T.: 5.863 min
Delta R.T.: -0.012 min
Response: 107521322
Conc: 48.19 ng/ml m



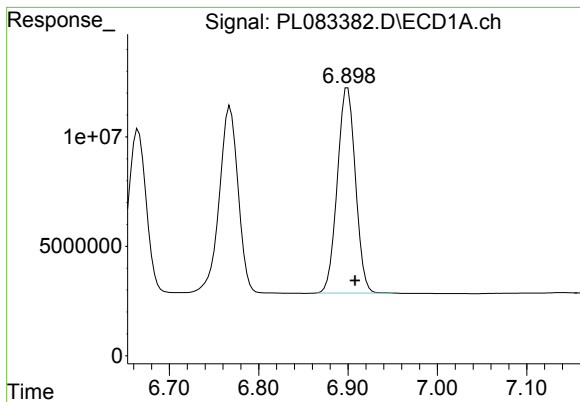
#18 Endrin aldehyde

R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 103876554
Conc: 51.66 ng/ml m



#18 Endrin aldehyde

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 93879729
Conc: 47.47 ng/ml



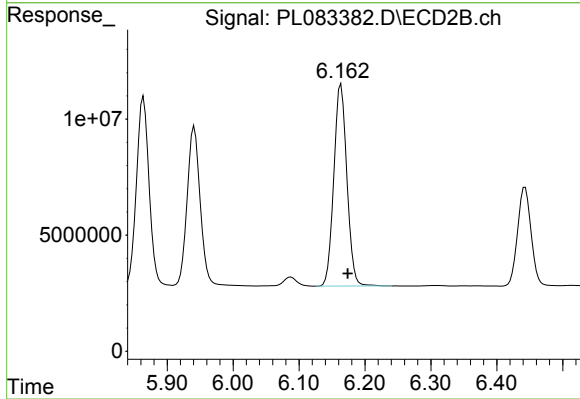
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 132001306
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

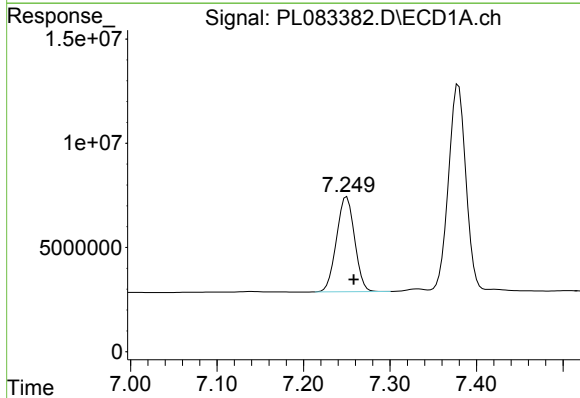
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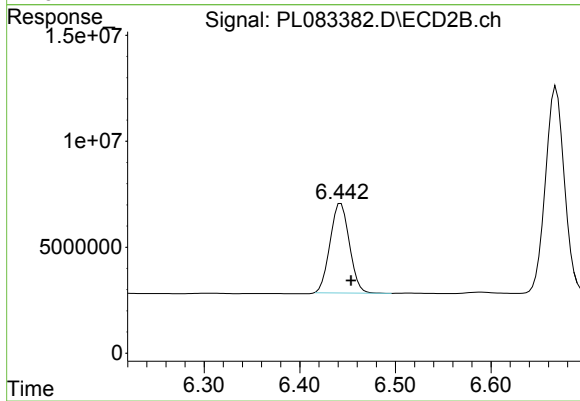
#19 Endosulfan Sulfate

R.T.: 6.164 min
Delta R.T.: -0.010 min
Response: 119707409
Conc: 48.88 ng/ml



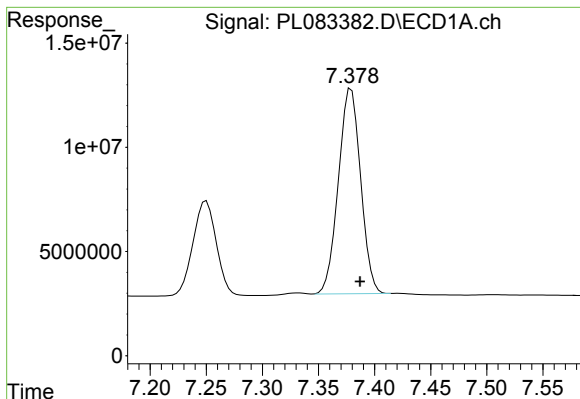
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 65945663
Conc: 49.87 ng/ml



#20 Methoxychlor

R.T.: 6.443 min
Delta R.T.: -0.011 min
Response: 59140851
Conc: 46.50 ng/ml



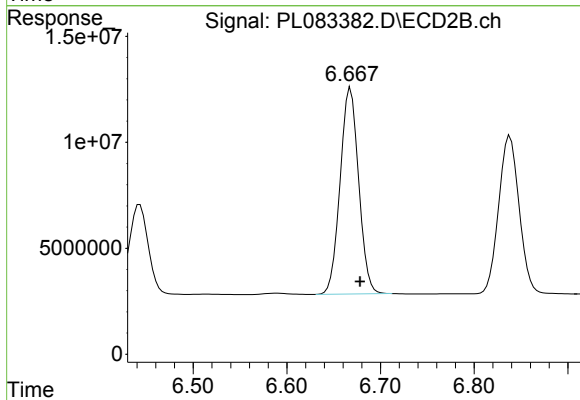
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 135889711
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

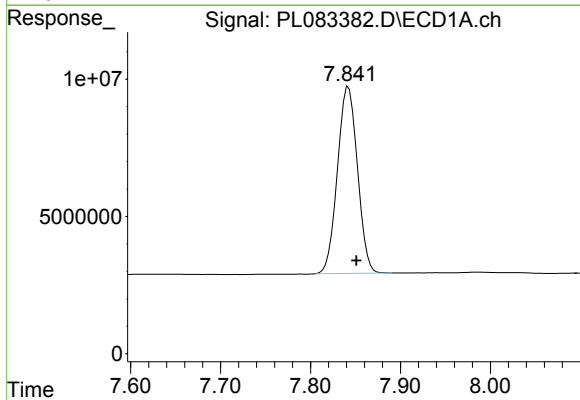
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2023
Supervised By :Ankita Jodhani 06/13/2023



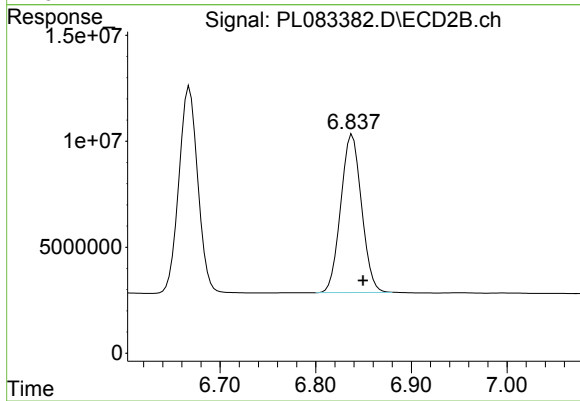
#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: -0.012 min
Response: 133731527
Conc: 49.46 ng/ml m



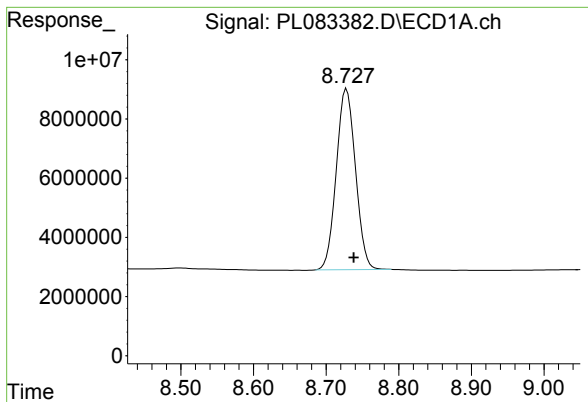
#22 Mirex

R.T.: 7.842 min
Delta R.T.: -0.009 min
Response: 105317793
Conc: 50.25 ng/ml



#22 Mirex

R.T.: 6.837 min
Delta R.T.: -0.013 min
Response: 112878813
Conc: 48.24 ng/ml m



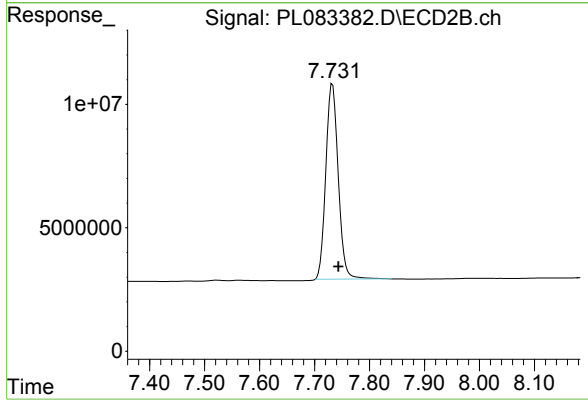
#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 112226879
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: -0.011 min
Response: 124383652
Conc: 50.02 ng/ml