

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060923\
 Data File : PL083360.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2023 17:32
 Operator : AR\AJ
 Sample : PB153295BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153295BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/12/2023
 Supervised By : Ankita Jodhani 06/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 21:32:15 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	2.631	67941716	58174553	23.117	22.409
28)	SA Decachlor...	8.734	7.735	56086326	65880358	26.742	26.495
Target Compounds							
2)	A alpha-BHC	3.766	3.127	190.8E6	156.7E6	42.974	41.998
3)	MA gamma-BHC...	4.094	3.451	180.7E6	147.5E6	43.622	44.252m
4)	MA Heptachlor	4.671	3.783	180.7E6	161.1E6	47.263	44.010
5)	MB Aldrin	5.008	4.059	169.2E6	144.5E6	48.096	44.427
6)	B beta-BHC	4.298	3.754	79163439	59723457	42.047	41.762
7)	B delta-BHC	4.539	3.979	151.7E6	124.2E6	44.117	37.903
8)	B Heptachlo...	5.434	4.559	150.2E6	134.7E6	46.962	45.377m
9)	A Endosulfan I	5.815	4.927	143.6E6	126.9E6	47.869	45.413
10)	B gamma-Chl...	5.689	4.809	154.8E6	134.3E6	48.727	44.714
11)	B alpha-Chl...	5.766	4.871	152.7E6	134.4E6	47.588	44.763
12)	B 4,4'-DDE	5.946	5.062	134.6E6	107.7E6	48.822	44.343
13)	MA Dieldrin	6.089	5.190	146.4E6	128.4E6	48.667	45.493m
14)	MA Endrin	6.317	5.464	129.0E6	114.1E6	47.987	44.974m
15)	B Endosulfa...	6.539	5.763	122.6E6	109.3E6	46.005	44.181
16)	A 4,4'-DDD	6.462	5.617	109.3E6	87846776	50.304	45.677
17)	MA 4,4'-DDT	6.773	5.863	119.5E6	98625071	47.726	44.206m
18)	B Endrin al...	6.669	5.942	98723078	89555379	49.100	45.288
19)	B Endosulfa...	6.904	6.165	122.6E6	109.6E6	47.806	44.757
20)	A Methoxychlor	7.254	6.444	64172270	56274430	48.528	44.250
21)	B Endrin ke...	7.384	6.669	128.8E6	124.5E6	50.489	46.059
22)	Mirex	7.846	6.840	100.6E6	106.2E6	48.015	45.377

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060923\
Data File : PL083360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2023 17:32
Operator : AR\AJ
Sample : PB153295BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

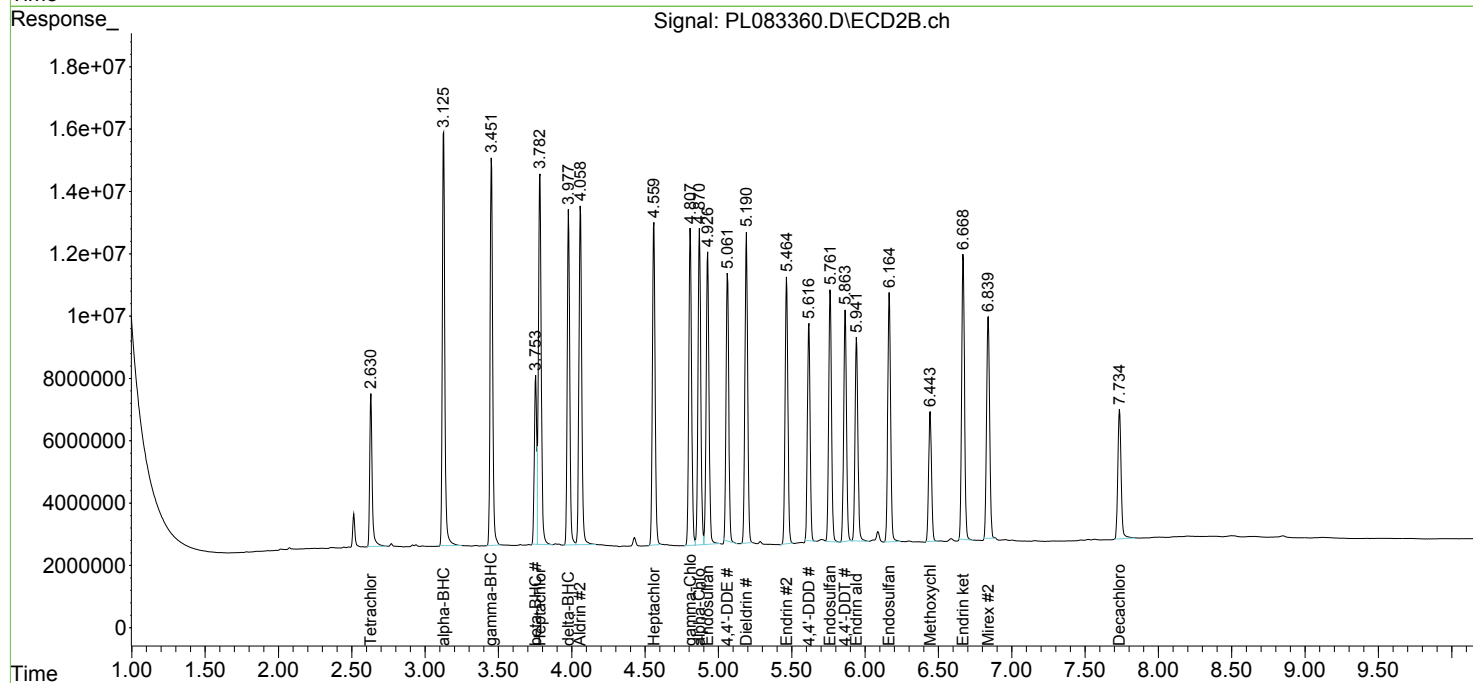
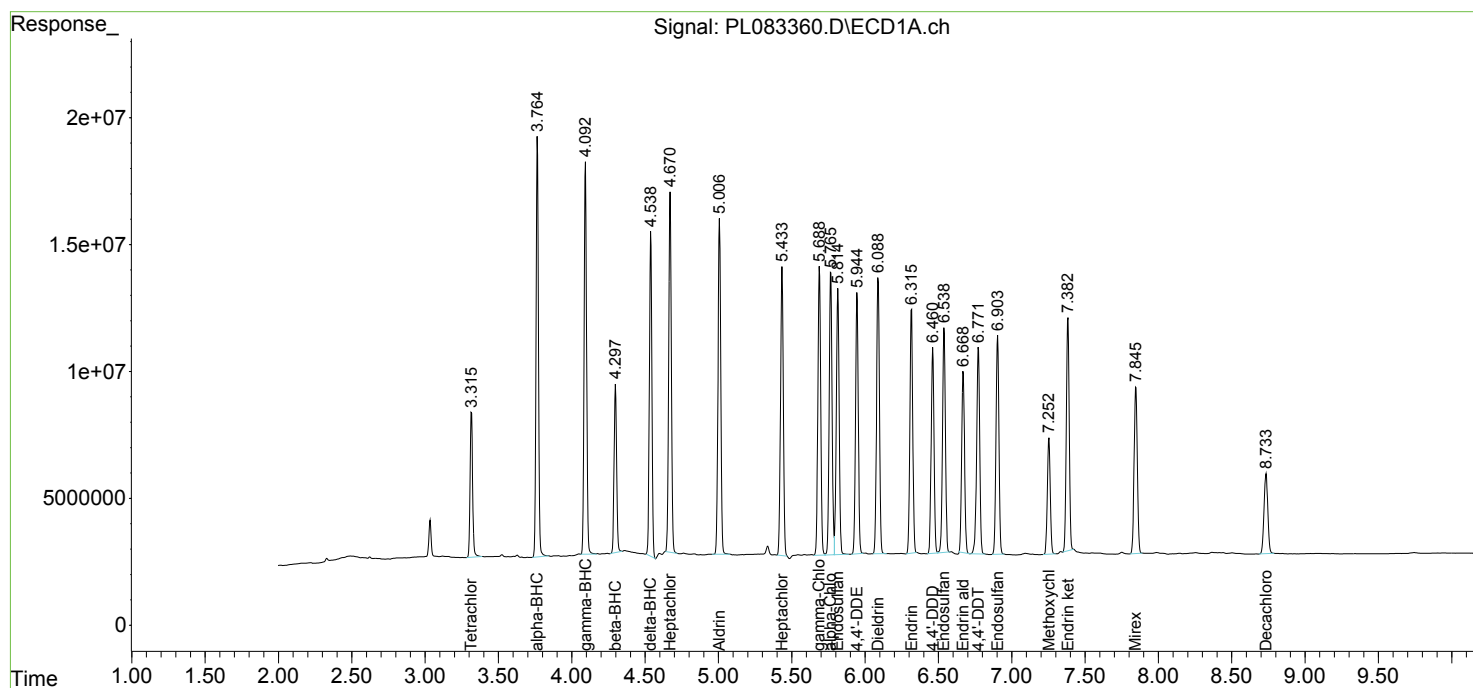
Instrument :
ECD_L
ClientSampleId :
PB153295BS

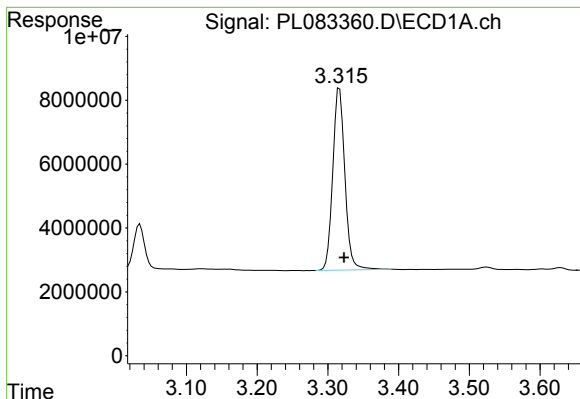
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 21:32:15 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





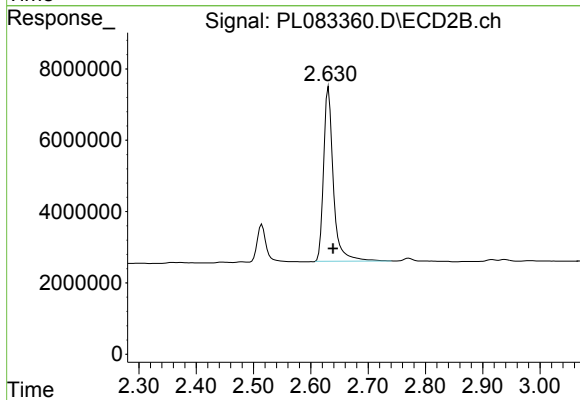
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 67941716
Conc: 23.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

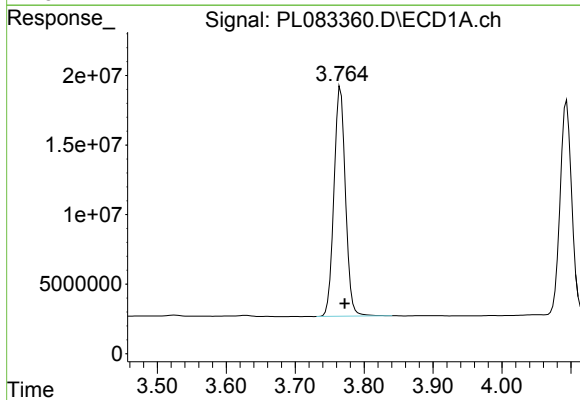
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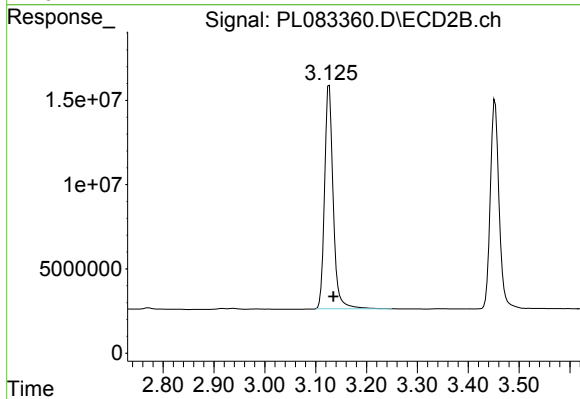
#1 Tetrachloro-m-xylene

R.T.: 2.631 min
Delta R.T.: -0.008 min
Response: 58174553
Conc: 22.41 ng/ml



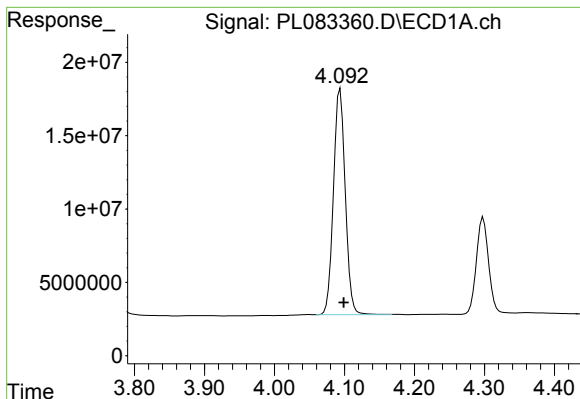
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 190773043
Conc: 42.97 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.009 min
Response: 156714090
Conc: 42.00 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 180722138
Conc: 43.62 ng/ml

Instrument :

ECD_L

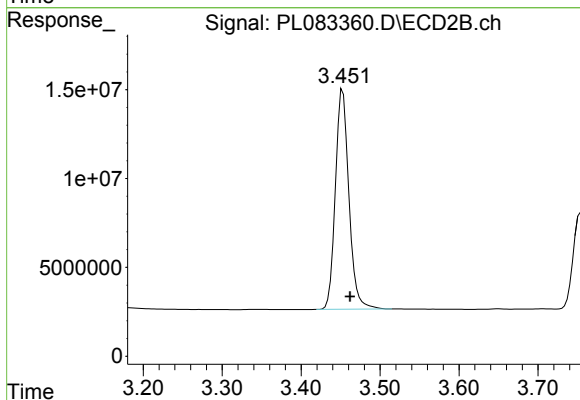
ClientSampleId :

PB153295BS

Manual Integrations

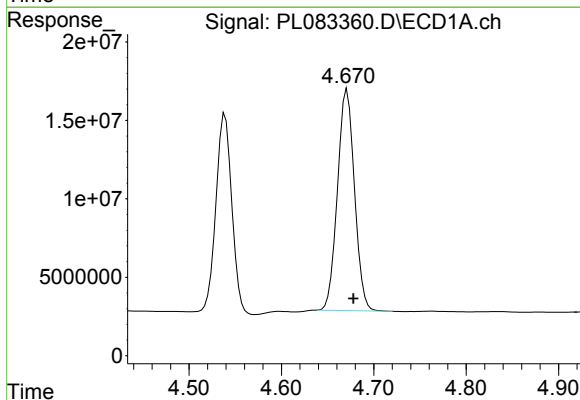
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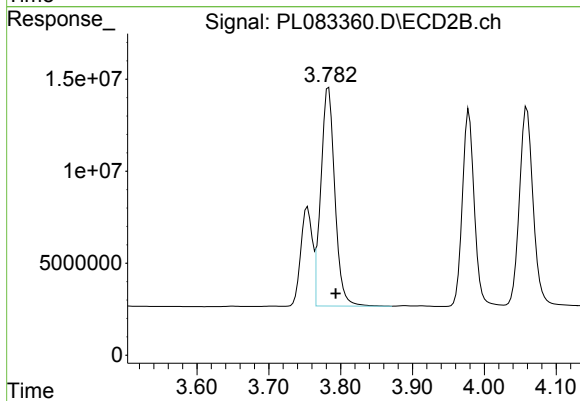
#3 gamma-BHC (Lindane)

R.T.: 3.451 min
Delta R.T.: -0.011 min
Response: 147505388
Conc: 44.25 ng/ml m



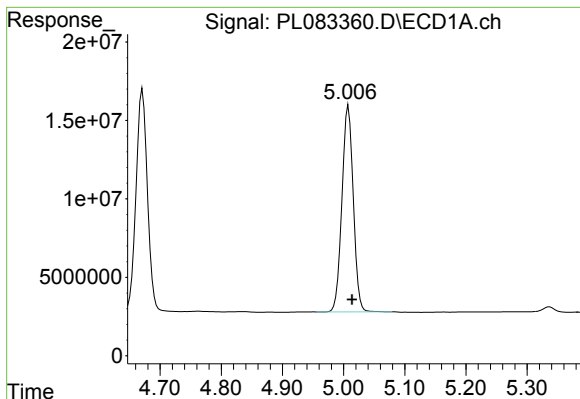
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 180659833
Conc: 47.26 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 161124629
Conc: 44.01 ng/ml



#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 169206381
Conc: 48.10 ng/ml

Instrument :

ECD_L

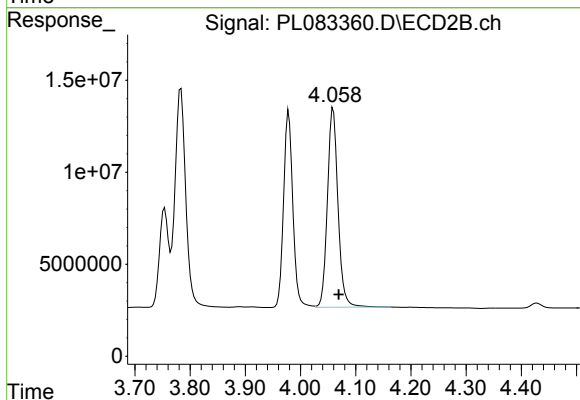
ClientSampleId :

PB153295BS

Manual Integrations

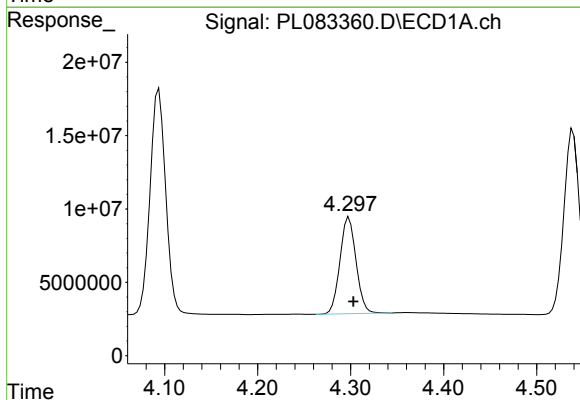
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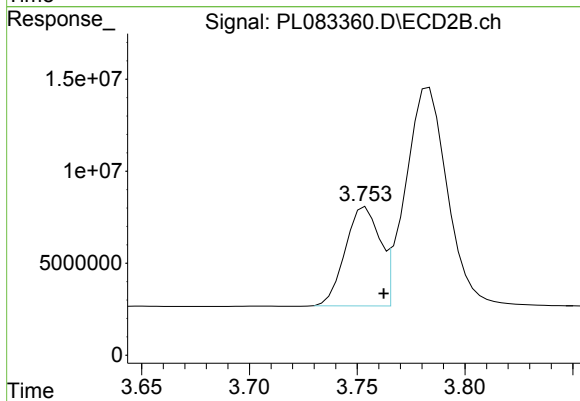
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.010 min
Response: 144547792
Conc: 44.43 ng/ml



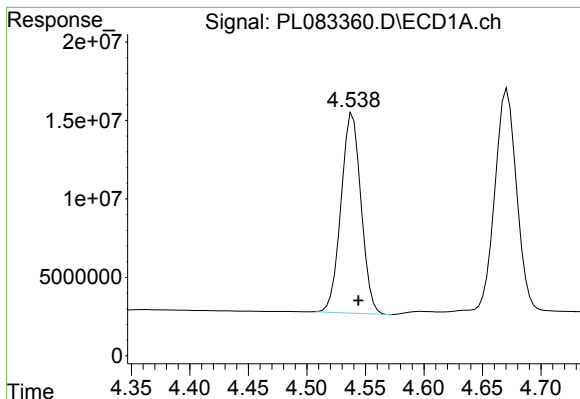
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 79163439
Conc: 42.05 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 59723457
Conc: 41.76 ng/ml



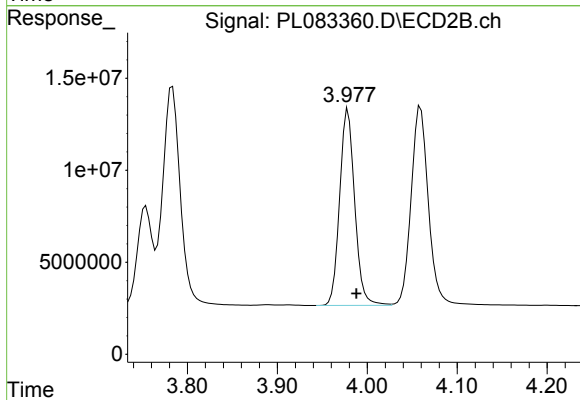
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 151714155
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

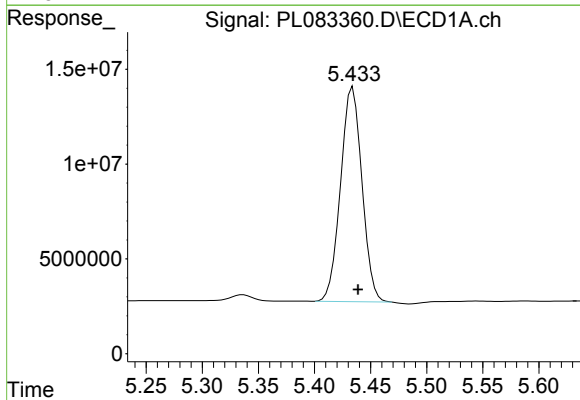
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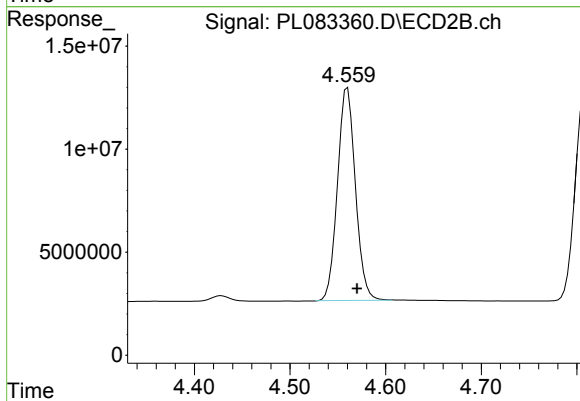
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: -0.009 min
Response: 124188453
Conc: 37.90 ng/ml



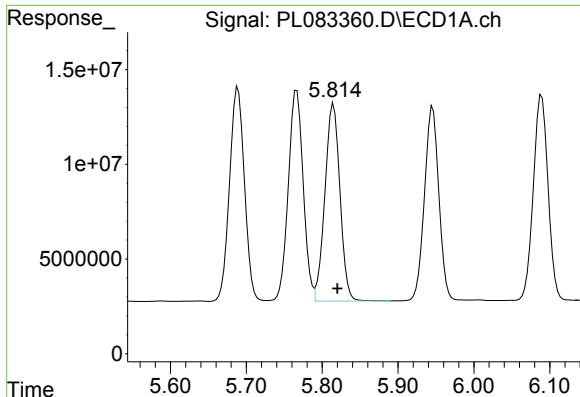
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 150216563
Conc: 46.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.012 min
Response: 134674452
Conc: 45.38 ng/ml m



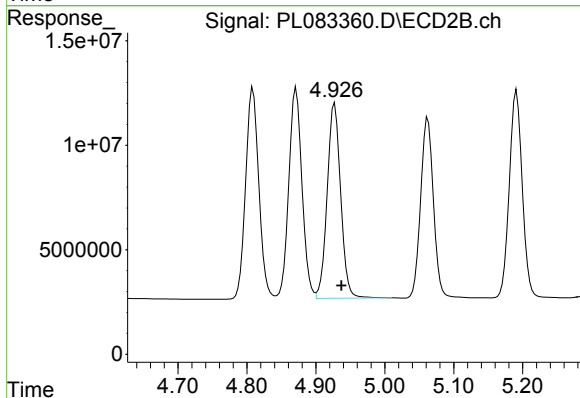
#9 Endosulfan I

R.T.: 5.815 min
Delta R.T.: -0.005 min
Response: 143635025
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

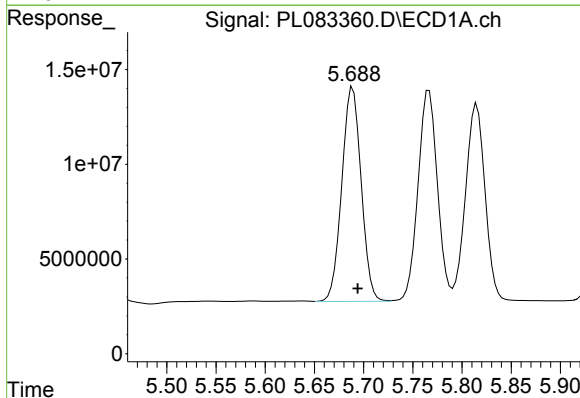
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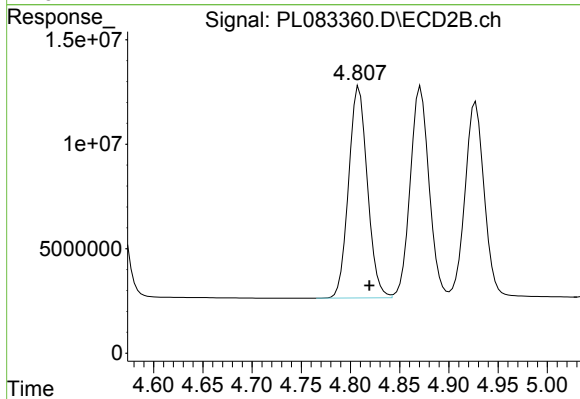
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.010 min
Response: 126899586
Conc: 45.41 ng/ml



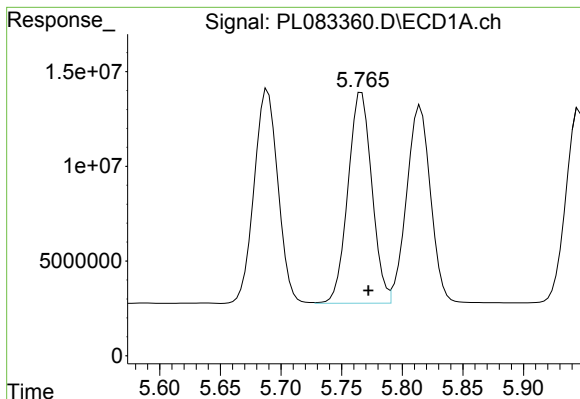
#10 gamma-Chlordane

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 154803091
Conc: 48.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.011 min
Response: 134294878
Conc: 44.71 ng/ml



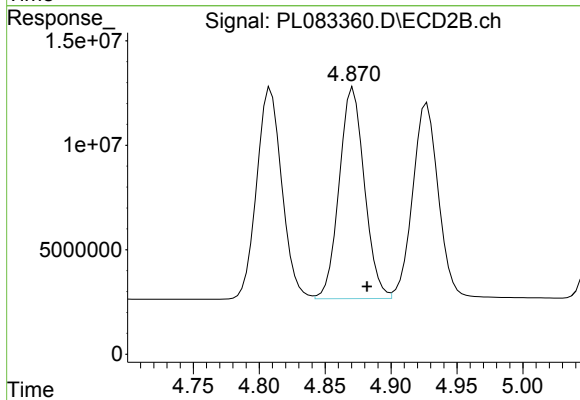
#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 152724861
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

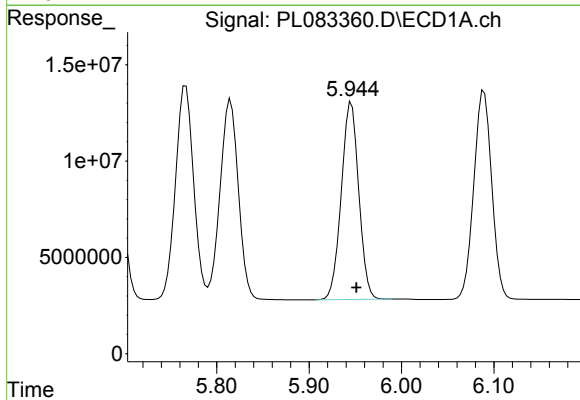
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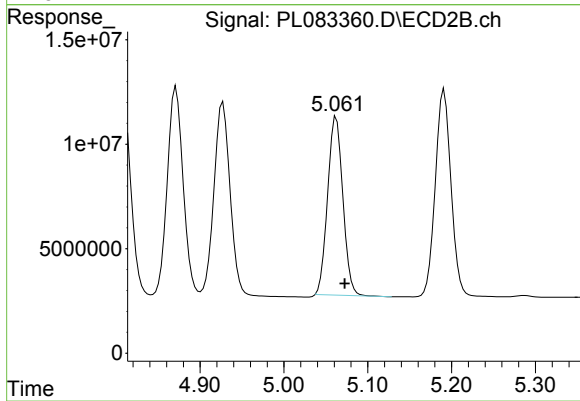
#11 alpha-Chlordane

R.T.: 4.871 min
Delta R.T.: -0.011 min
Response: 134376412
Conc: 44.76 ng/ml



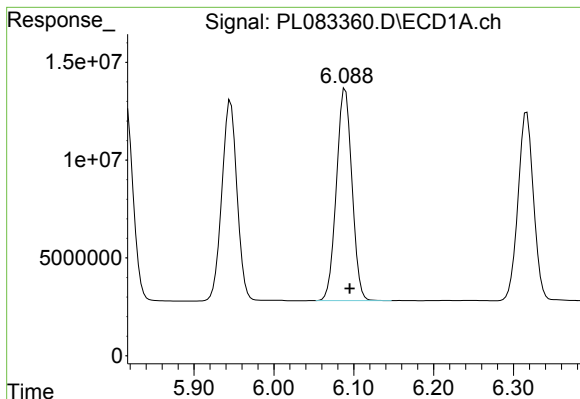
#12 4,4'-DDE

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 134577846
Conc: 48.82 ng/ml



#12 4,4'-DDE

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 107699550
Conc: 44.34 ng/ml



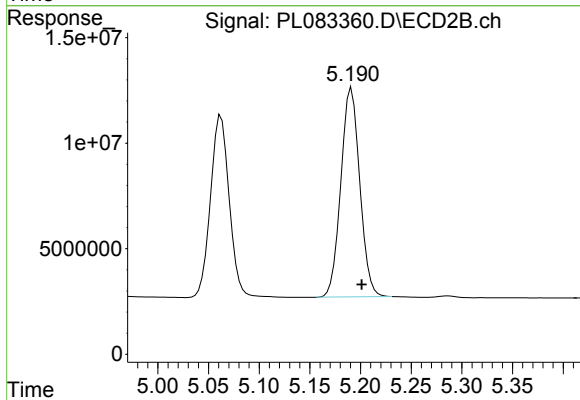
#13 Dieldrin

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 146383805
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

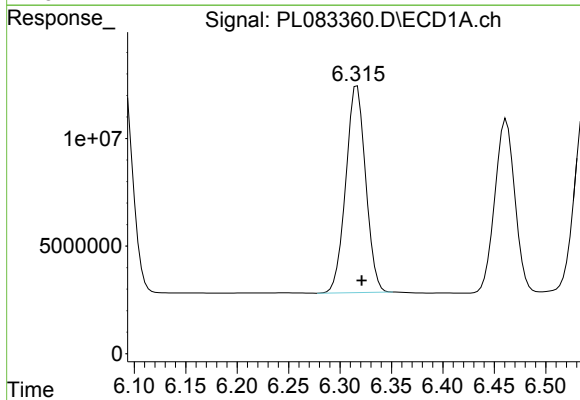
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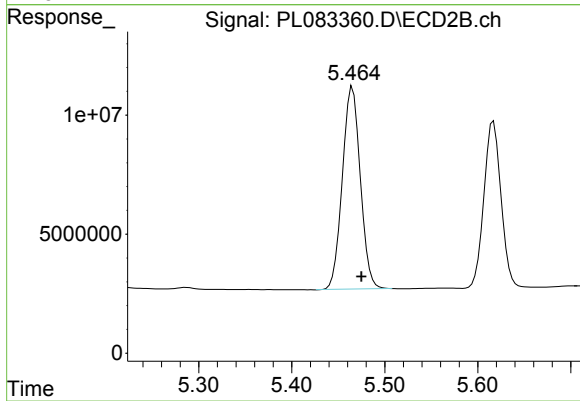
#13 Dieldrin

R.T.: 5.190 min
Delta R.T.: -0.011 min
Response: 128424365
Conc: 45.49 ng/ml m



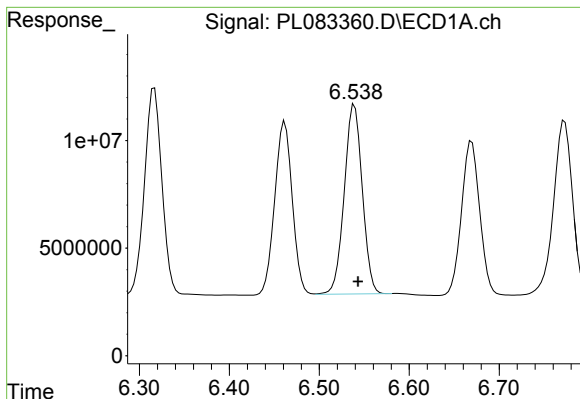
#14 Endrin

R.T.: 6.317 min
Delta R.T.: -0.004 min
Response: 128953527
Conc: 47.99 ng/ml



#14 Endrin

R.T.: 5.464 min
Delta R.T.: -0.011 min
Response: 114096243
Conc: 44.97 ng/ml m



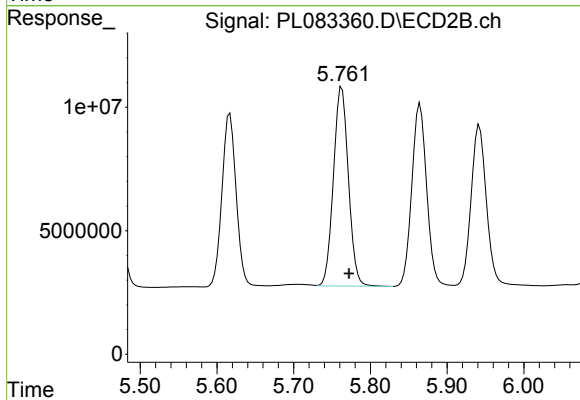
#15 Endosulfan II

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 122556659
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

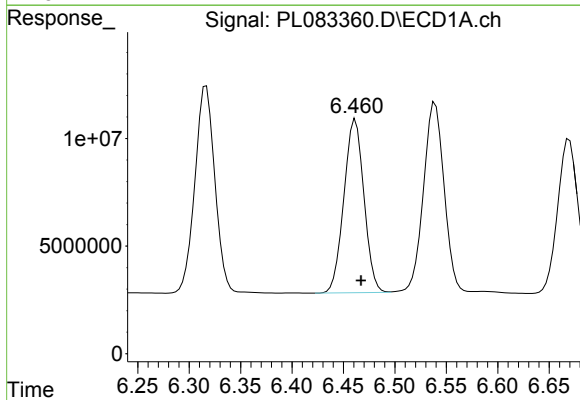
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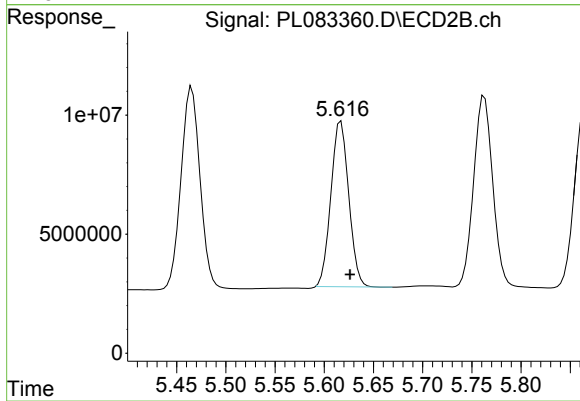
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 109312729
Conc: 44.18 ng/ml



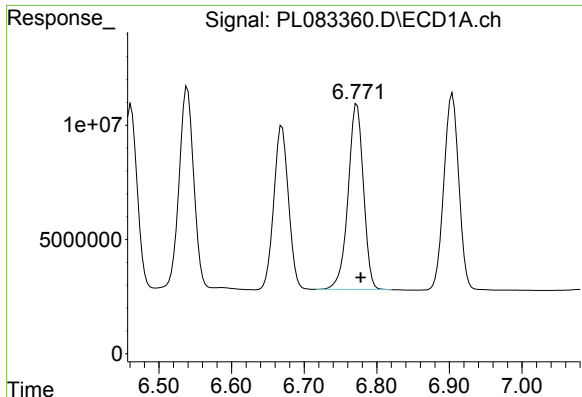
#16 4,4'-DDD

R.T.: 6.462 min
Delta R.T.: -0.005 min
Response: 109313480
Conc: 50.30 ng/ml



#16 4,4'-DDD

R.T.: 5.617 min
Delta R.T.: -0.009 min
Response: 87846776
Conc: 45.68 ng/ml



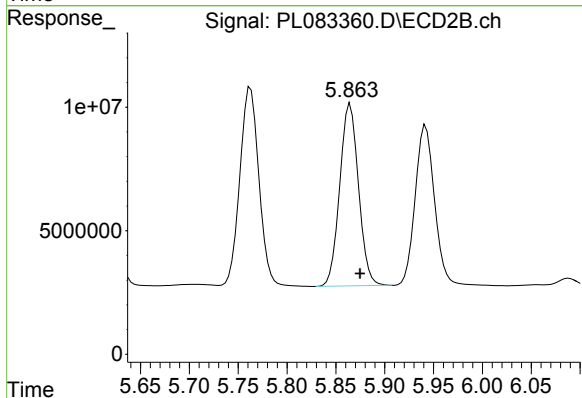
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 119465414
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

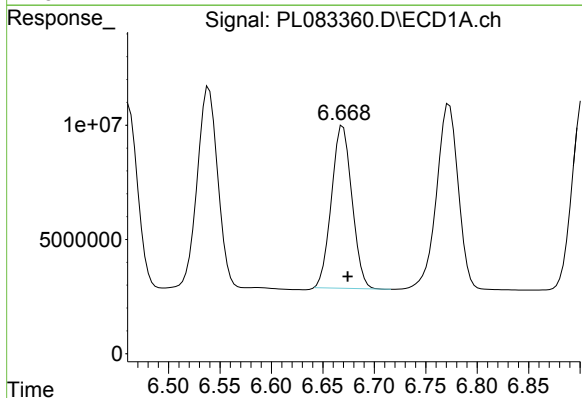
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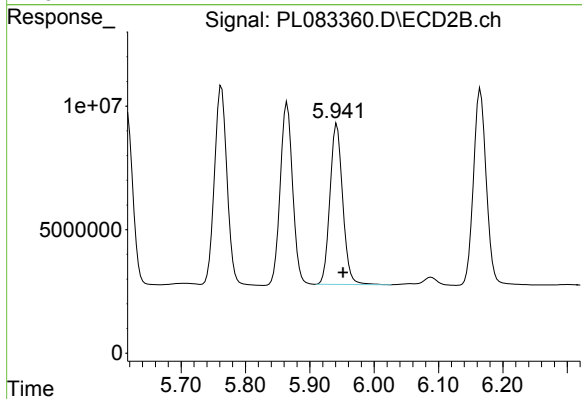
#17 4,4'-DDT

R.T.: 5.863 min
Delta R.T.: -0.011 min
Response: 98625071
Conc: 44.21 ng/ml m



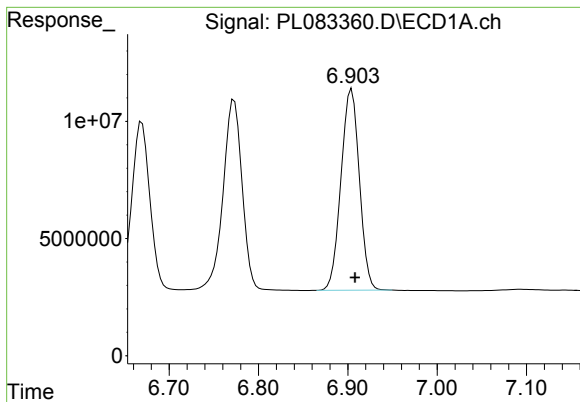
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 98723078
Conc: 49.10 ng/ml



#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 89555379
Conc: 45.29 ng/ml



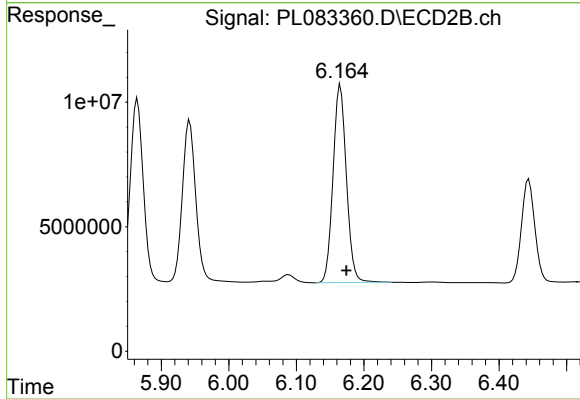
#19 Endosulfan Sulfate

R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 122560721
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

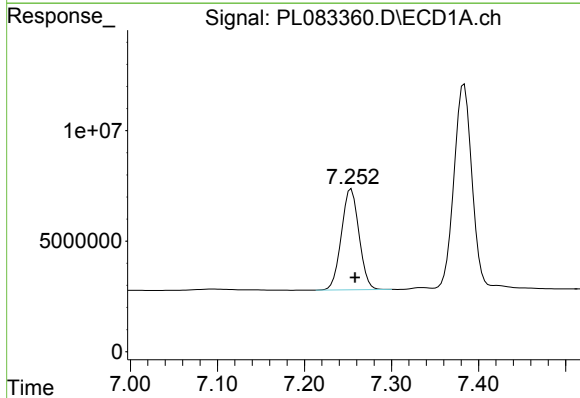
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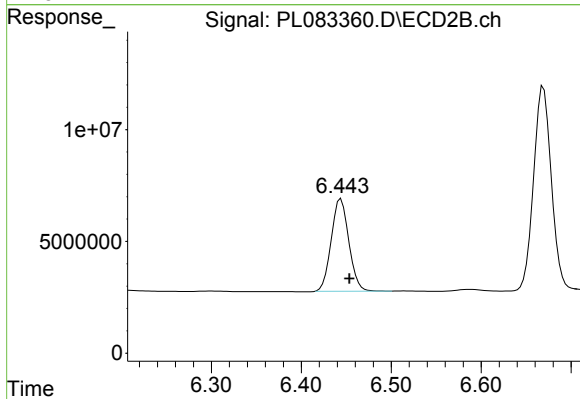
#19 Endosulfan Sulfate

R.T.: 6.165 min
Delta R.T.: -0.009 min
Response: 109608882
Conc: 44.76 ng/ml



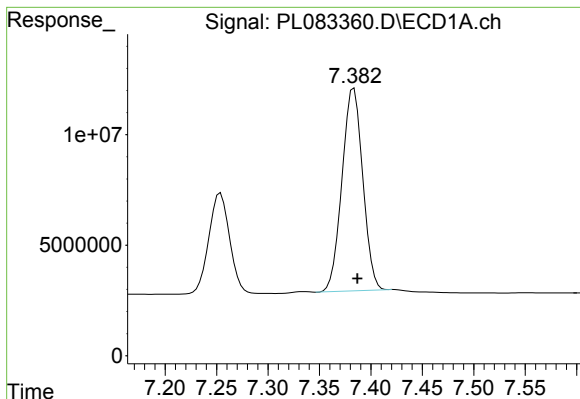
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 64172270
Conc: 48.53 ng/ml



#20 Methoxychlor

R.T.: 6.444 min
Delta R.T.: -0.010 min
Response: 56274430
Conc: 44.25 ng/ml



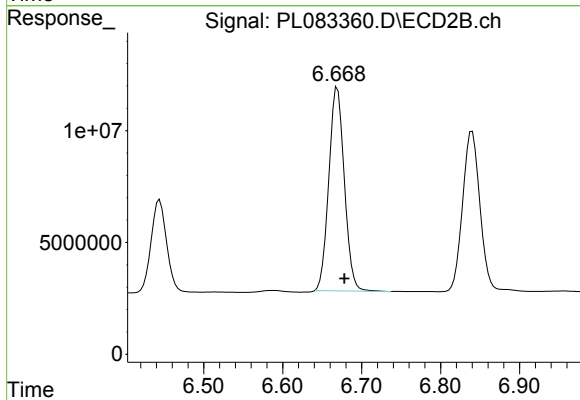
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 128788345
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

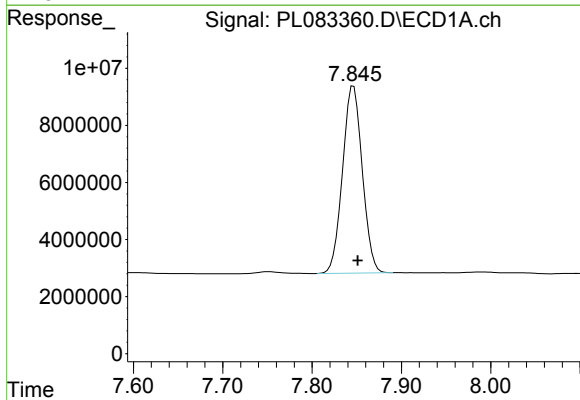
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



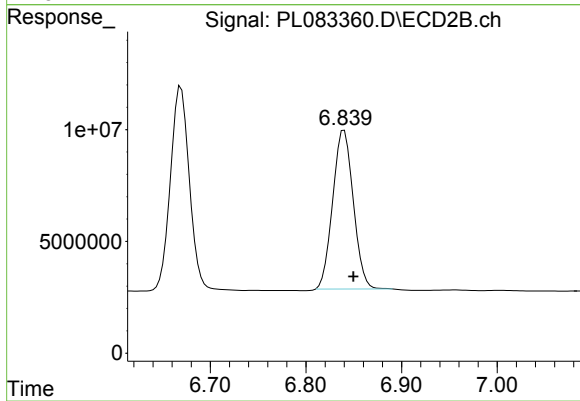
#21 Endrin ketone

R.T.: 6.669 min
Delta R.T.: -0.009 min
Response: 124535348
Conc: 46.06 ng/ml



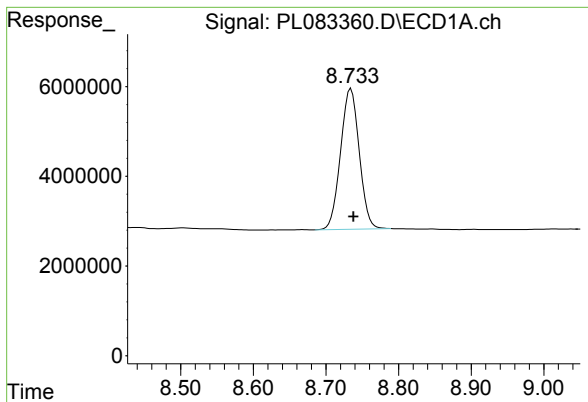
#22 Mirex

R.T.: 7.846 min
Delta R.T.: -0.005 min
Response: 100640184
Conc: 48.01 ng/ml



#22 Mirex

R.T.: 6.840 min
Delta R.T.: -0.009 min
Response: 106174967
Conc: 45.38 ng/ml



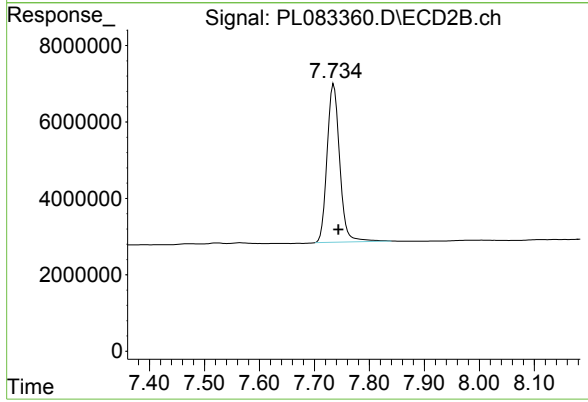
#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.004 min
Response: 56086326
Conc: 26.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153295BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.735 min
Delta R.T.: -0.008 min
Response: 65880358
Conc: 26.49 ng/ml