

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 18:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/14/2023
 Supervised By : Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:36:58 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...	3.314	2.632	139.4E6	128.9E6	47.438	49.649
2)	SA Decachlor...	8.730	7.734	103.7E6	122.3E6	49.426	49.172
Target Compounds							
2)	A alpha-BHC	3.763	3.127	214.8E6	183.1E6	48.389	49.073
3)	MA gamma-BHC...	4.091	3.453	201.1E6	165.9E6	48.541	49.758
4)	MA Heptachlor	4.668	3.783	186.6E6	173.7E6	48.805	47.458
5)	MB Aldrin	5.005	4.059	178.9E6	159.4E6	50.852	49.001
6)	B beta-BHC	4.295	3.755	87915000	69771620	46.695	48.788
7)	B delta-BHC	4.536	3.979	195.2E6	165.2E6	56.759	50.433
8)	B Heptachlo...	5.431	4.559	161.3E6	145.7E6	50.422	49.100m
9)	A Endosulfan I	5.812	4.927	149.2E6	137.0E6	49.736	49.014
10)	B gamma-Chl...	5.686	4.809	162.4E6	147.6E6	51.105	49.149
11)	B alpha-Chl...	5.764	4.871	158.2E6	147.1E6	49.300	49.012
12)	B 4,4'-DDE	5.943	5.061	140.9E6	128.6E6	51.102	52.943m
13)	MA Dieldrin	6.087	5.190	148.5E6	137.9E6	49.358	48.852m
14)	MA Endrin	6.314	5.464	125.4E6	118.5E6	46.666	46.702m
15)	B Endosulfa...	6.537	5.763	122.1E6	114.3E6	45.797	46.181
16)	A 4,4'-DDD	6.459	5.617	115.3E6	101.2E6	53.063	52.624
17)	MA 4,4'-DDT	6.770	5.863	118.1E6	106.5E6	47.170	47.731m
18)	B Endrin al...	6.667	5.942	98357880	93546740	48.918	47.306
19)	B Endosulfa...	6.902	6.165	126.4E6	118.5E6	49.315	48.398
20)	A Methoxychlor	7.251	6.444	62360023	58475226	47.157	45.980
21)	B Endrin ke...	7.381	6.669	130.7E6	132.4E6	51.250	48.952
22)	Mirex	7.844	6.838	101.0E6	110.3E6	48.175	47.151m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
Data File : PL083410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2023 18:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

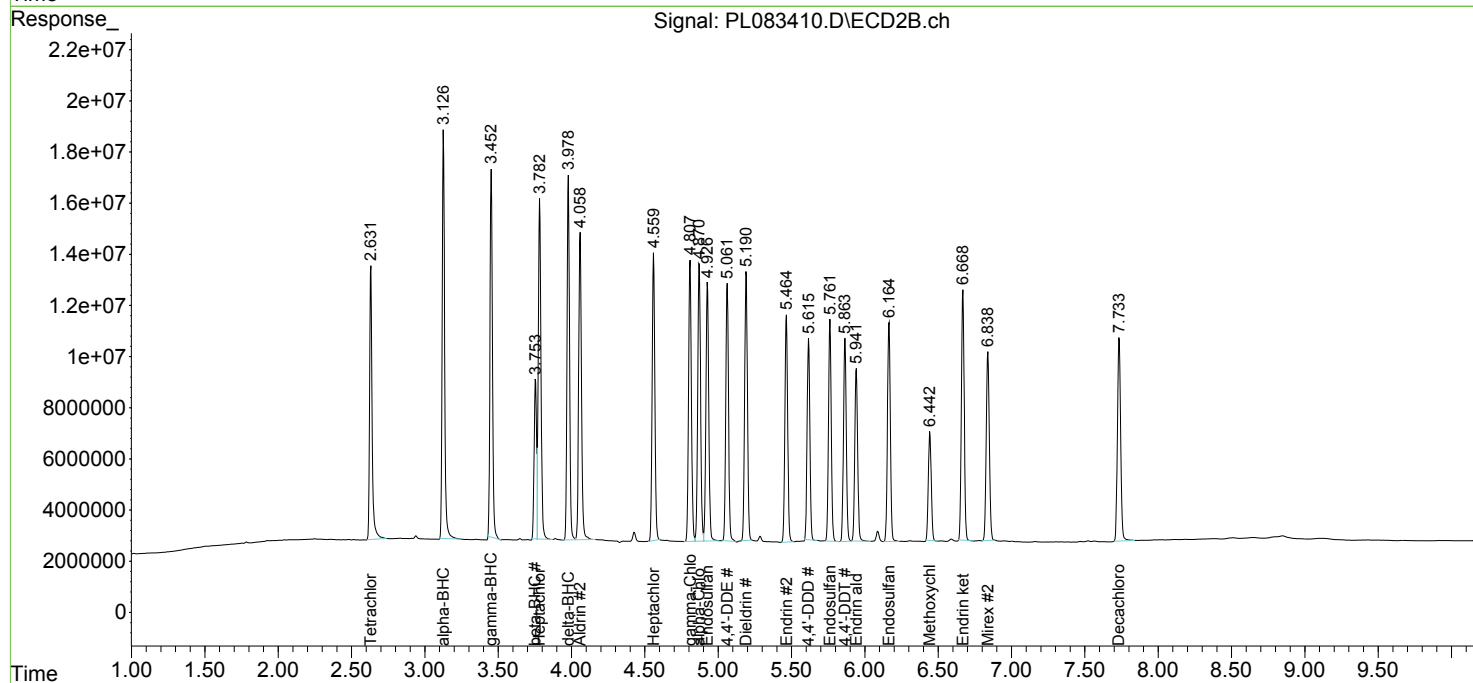
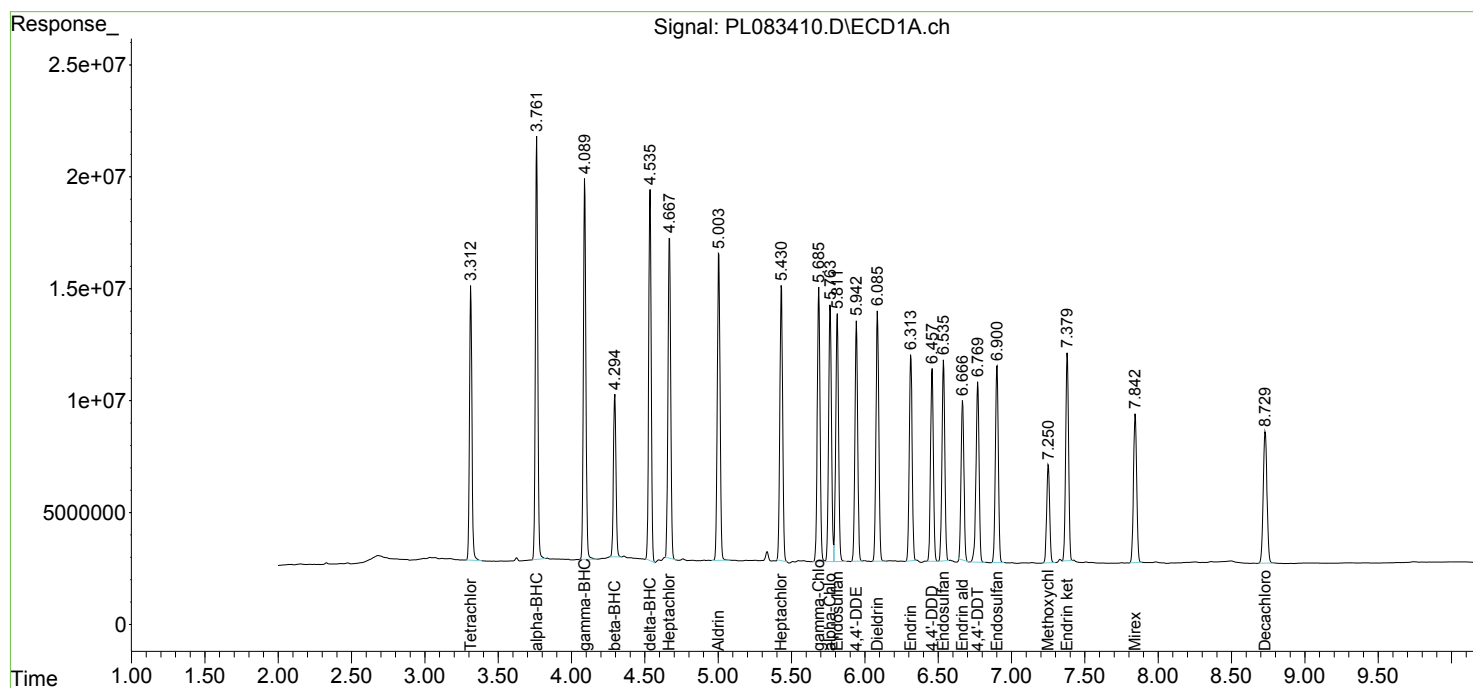
APPROVED

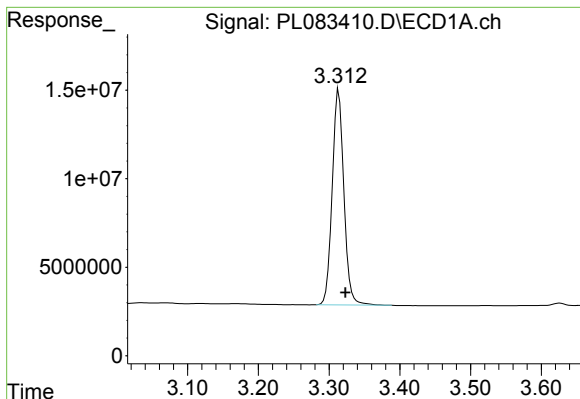
Reviewed By :Abdul Mirza 06/14/2023

Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 21:36:58 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





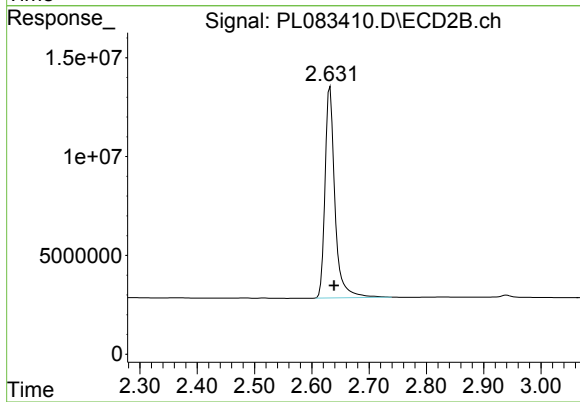
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 139422558
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

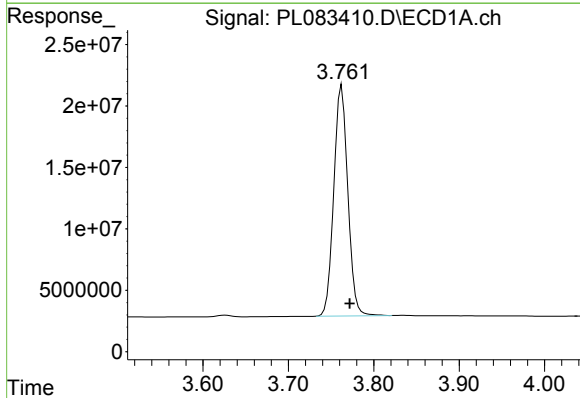
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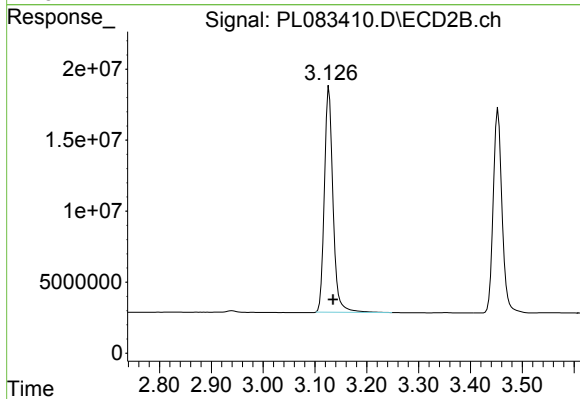
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 128893906
Conc: 49.65 ng/ml



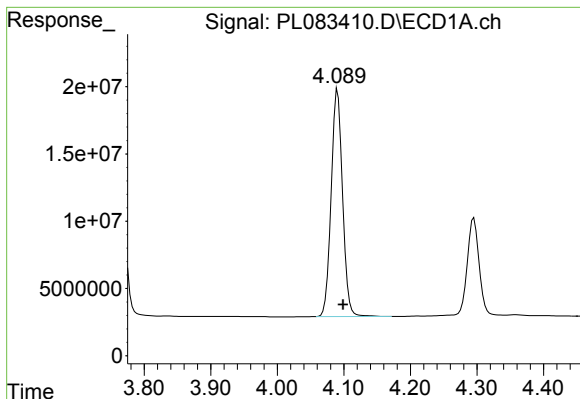
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 214810609
Conc: 48.39 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 183114873
Conc: 49.07 ng/ml



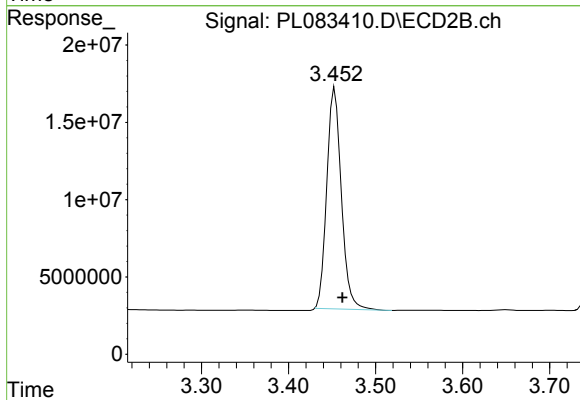
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 201099681
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

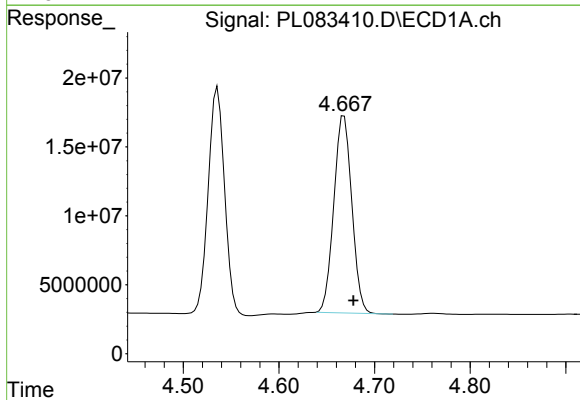
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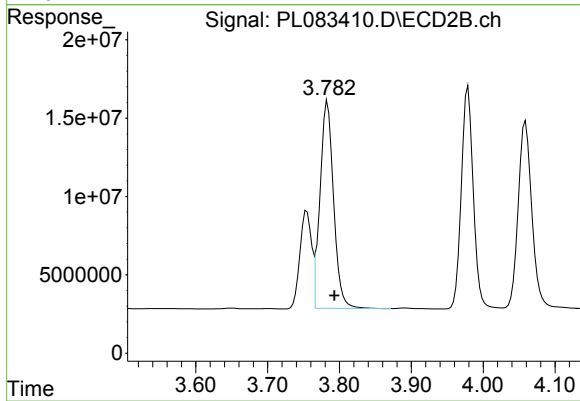
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 165856864
Conc: 49.76 ng/ml



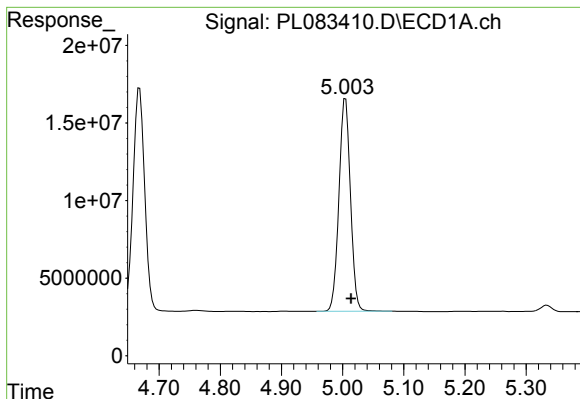
#4 Heptachlor

R.T.: 4.668 min
Delta R.T.: -0.010 min
Response: 186556777
Conc: 48.81 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 173749570
Conc: 47.46 ng/ml



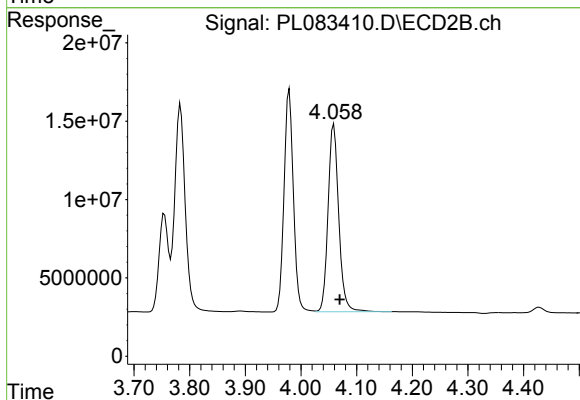
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 178902751
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

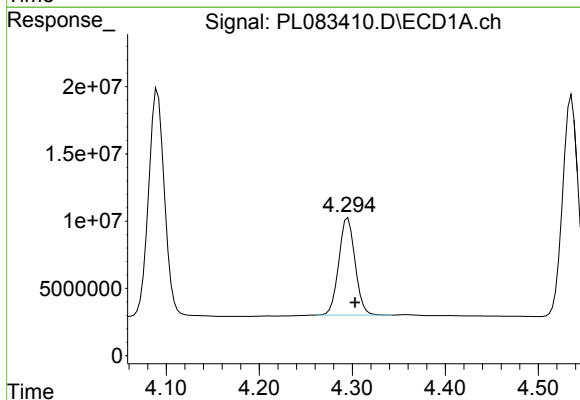
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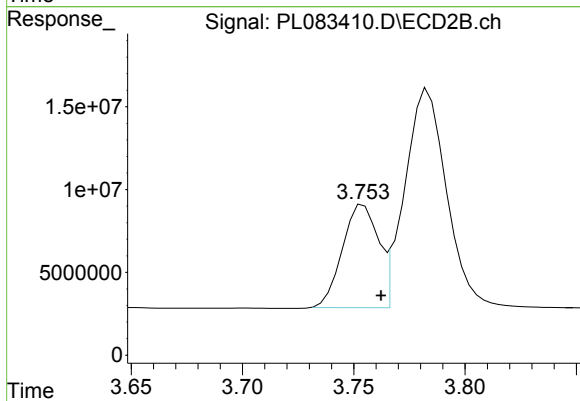
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.011 min
Response: 159430131
Conc: 49.00 ng/ml



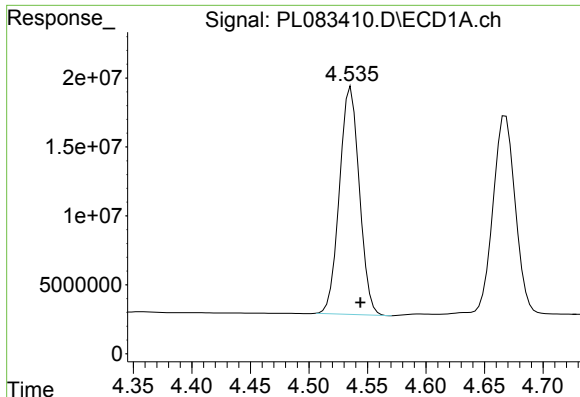
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 87915000
Conc: 46.70 ng/ml



#6 beta-BHC

R.T.: 3.755 min
Delta R.T.: -0.008 min
Response: 69771620
Conc: 48.79 ng/ml



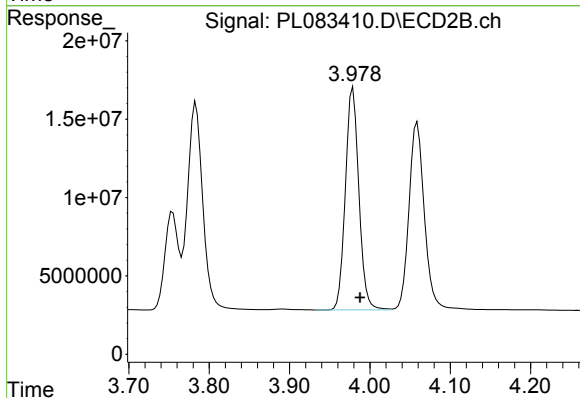
#7 delta-BHC

R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 195189778
Conc: 56.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

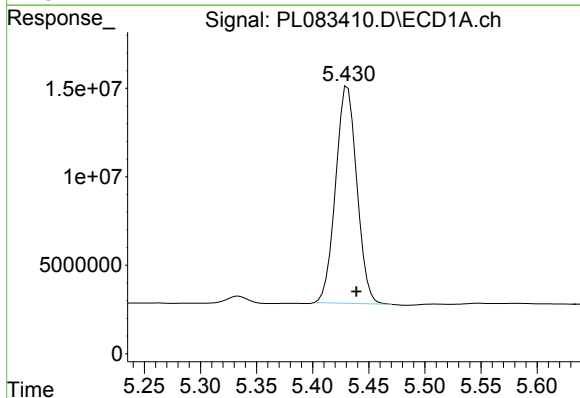
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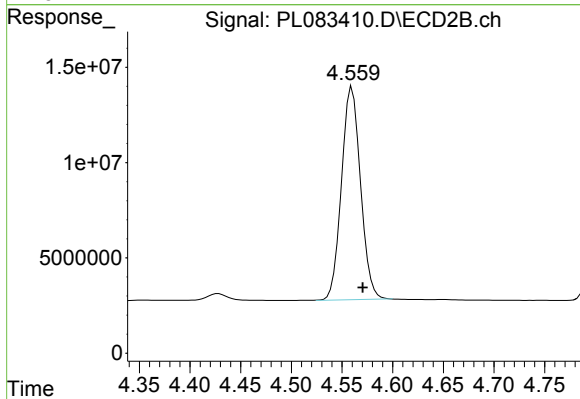
#7 delta-BHC

R.T.: 3.979 min
Delta R.T.: -0.009 min
Response: 165242118
Conc: 50.43 ng/ml



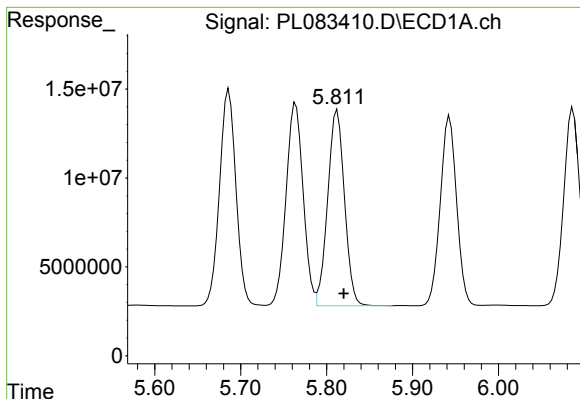
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 161286317
Conc: 50.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.012 min
Response: 145724318
Conc: 49.10 ng/ml m



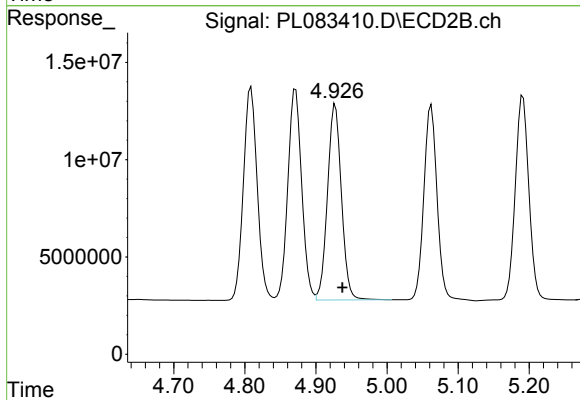
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 149237598
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

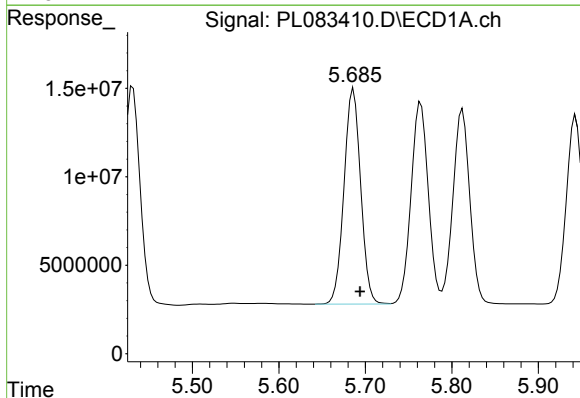
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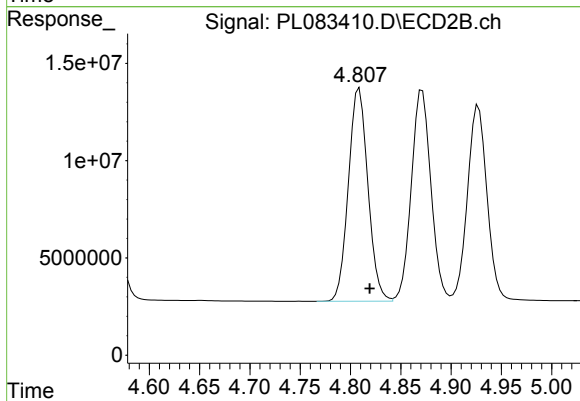
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.010 min
Response: 136963527
Conc: 49.01 ng/ml



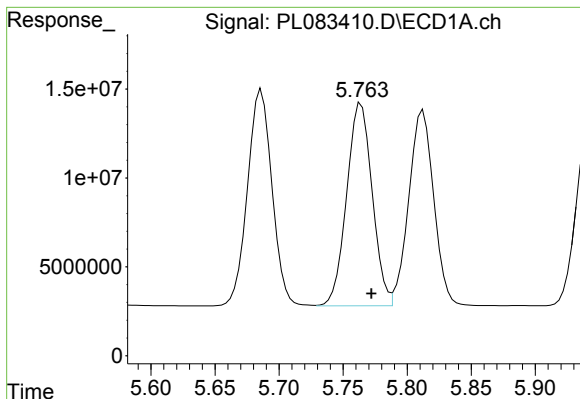
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 162359443
Conc: 51.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.010 min
Response: 147613292
Conc: 49.15 ng/ml



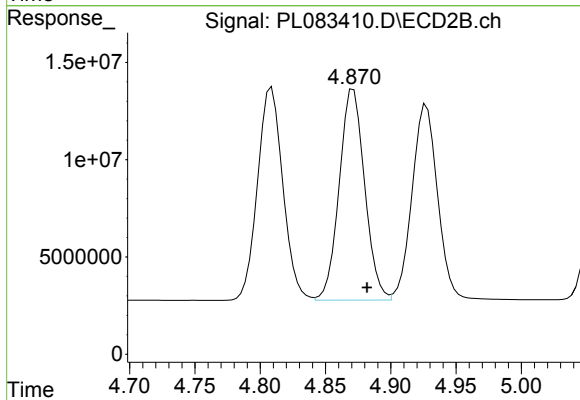
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 158218952
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

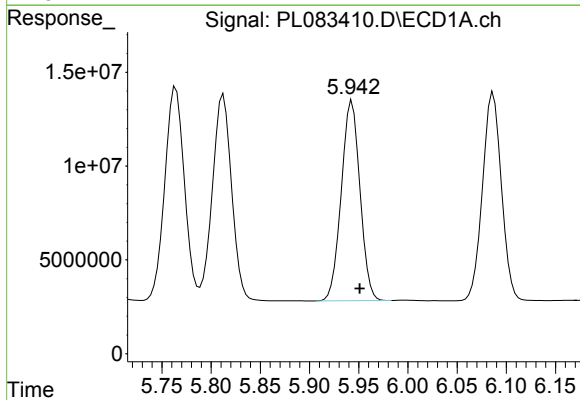
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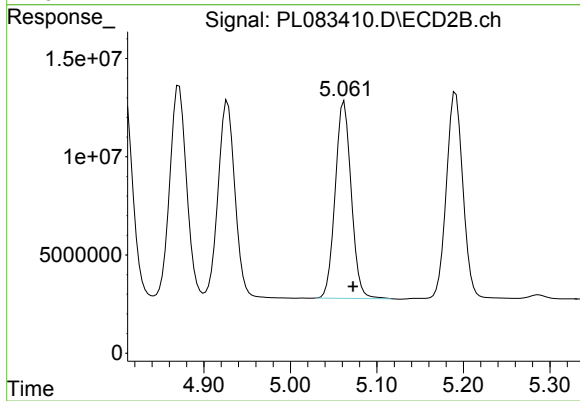
#11 alpha-Chlordane

R.T.: 4.871 min
Delta R.T.: -0.010 min
Response: 147134186
Conc: 49.01 ng/ml



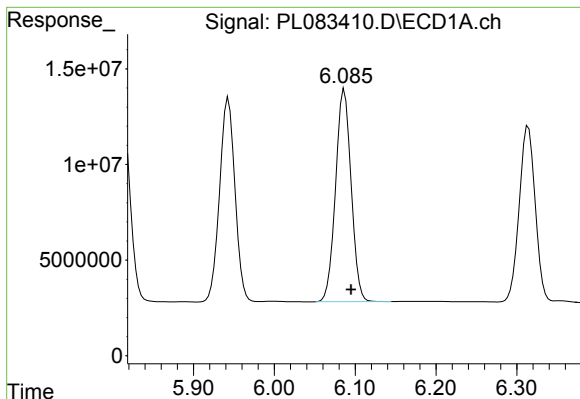
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 140863294
Conc: 51.10 ng/ml



#12 4,4'-DDE

R.T.: 5.061 min
Delta R.T.: -0.012 min
Response: 128586648
Conc: 52.94 ng/ml m



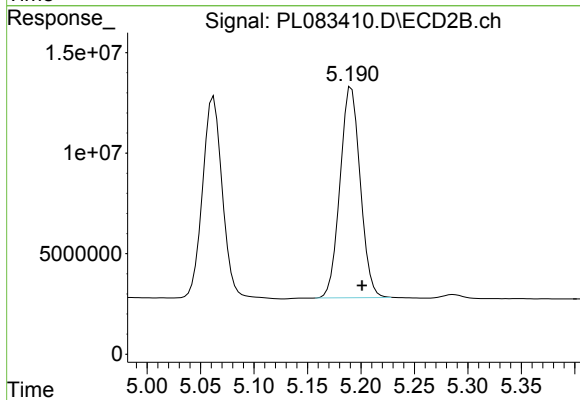
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 148462268
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

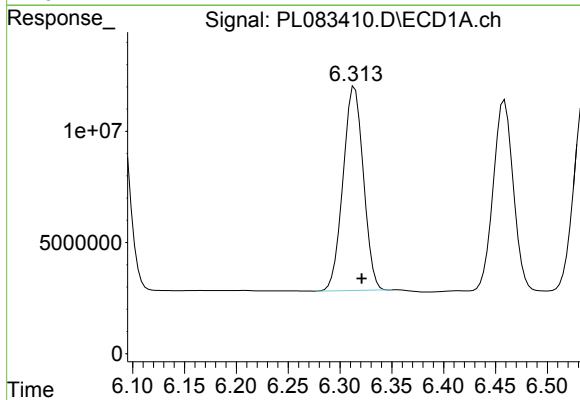
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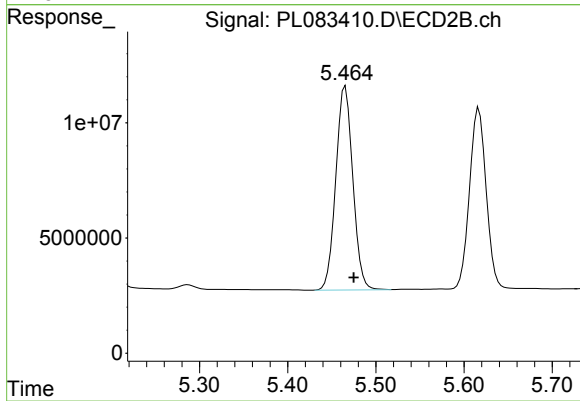
#13 Dieldrin

R.T.: 5.190 min
Delta R.T.: -0.011 min
Response: 137905493
Conc: 48.85 ng/ml m



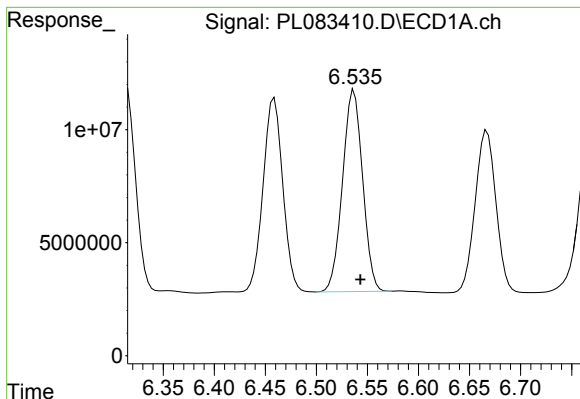
#14 Endrin

R.T.: 6.314 min
Delta R.T.: -0.007 min
Response: 125402510
Conc: 46.67 ng/ml



#14 Endrin

R.T.: 5.464 min
Delta R.T.: -0.011 min
Response: 118481542
Conc: 46.70 ng/ml m



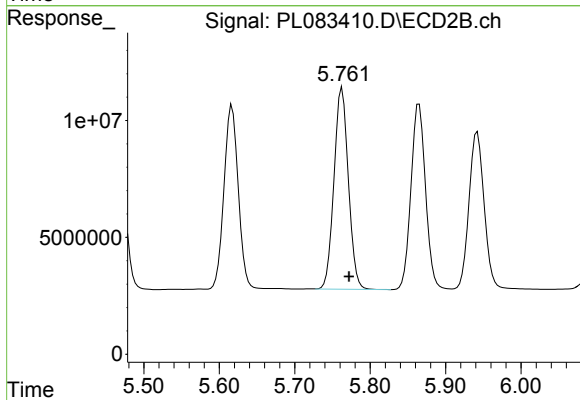
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 122053592
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

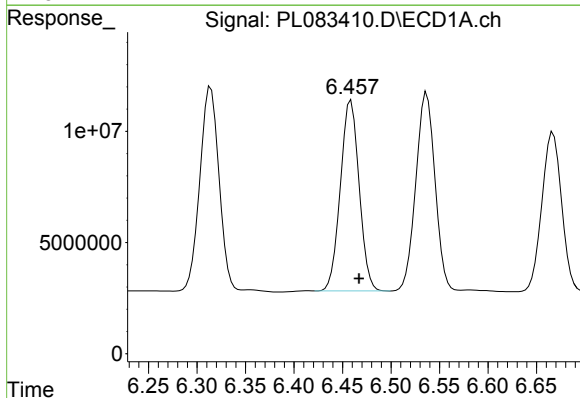
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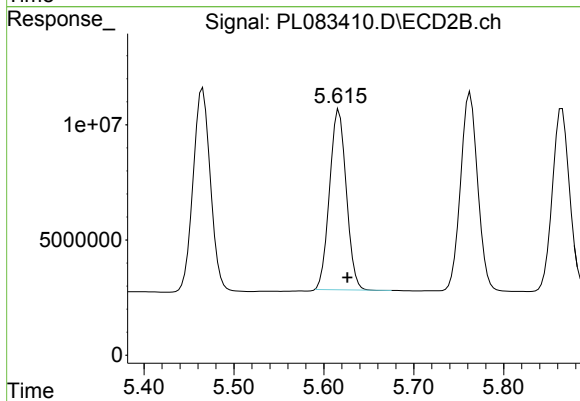
#15 Endosulfan II

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 114261265
Conc: 46.18 ng/ml



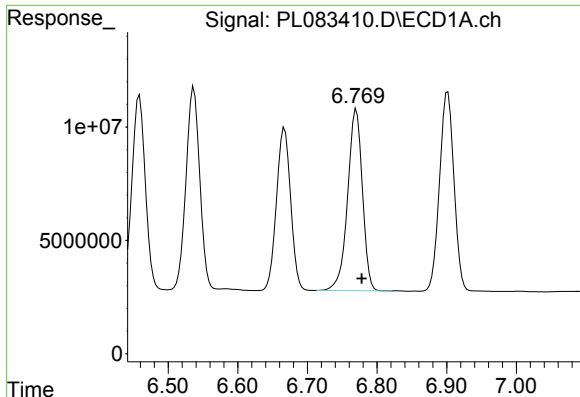
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 115308744
Conc: 53.06 ng/ml



#16 4,4'-DDD

R.T.: 5.617 min
Delta R.T.: -0.009 min
Response: 101207630
Conc: 52.62 ng/ml



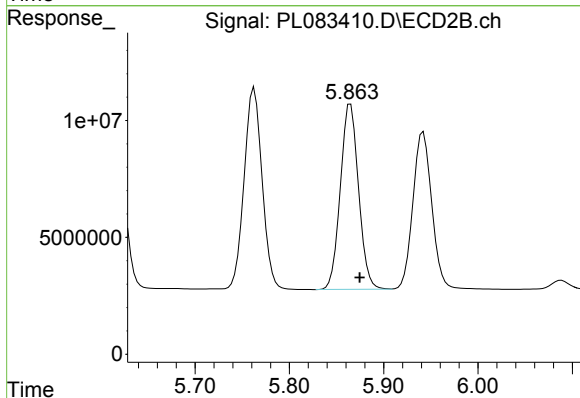
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 118075122
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

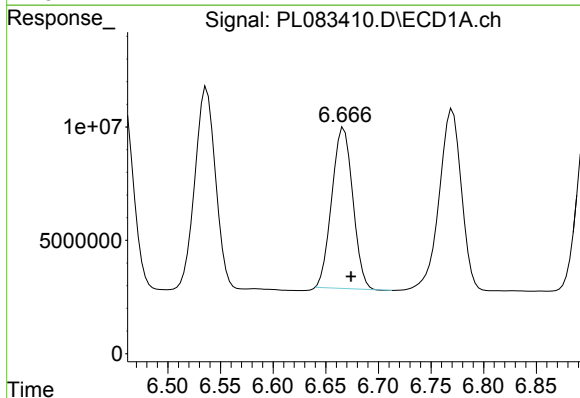
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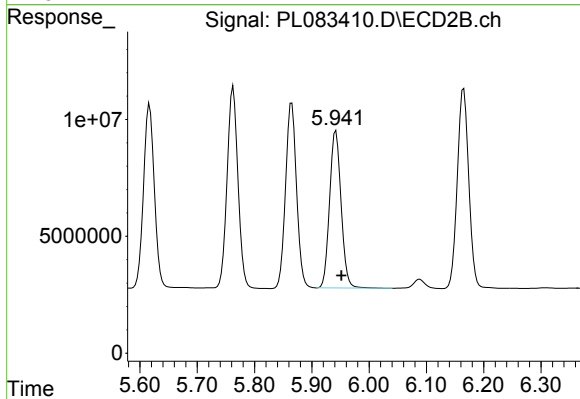
#17 4,4'-DDT

R.T.: 5.863 min
Delta R.T.: -0.011 min
Response: 106489688
Conc: 47.73 ng/ml m



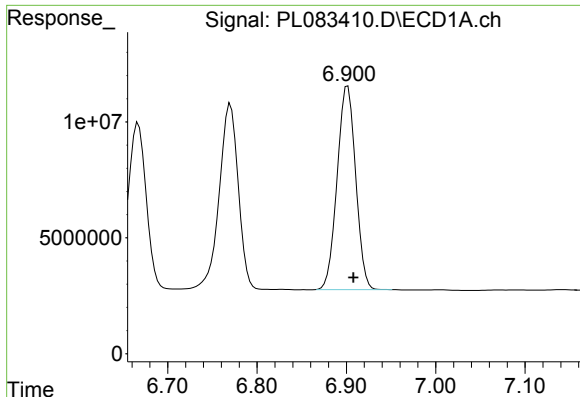
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 98357880
Conc: 48.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 93546740
Conc: 47.31 ng/ml



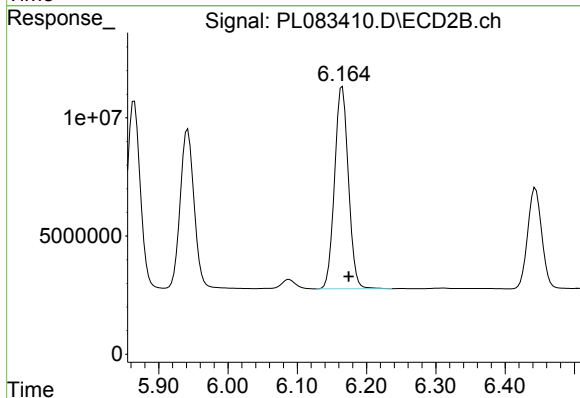
#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 126429828
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

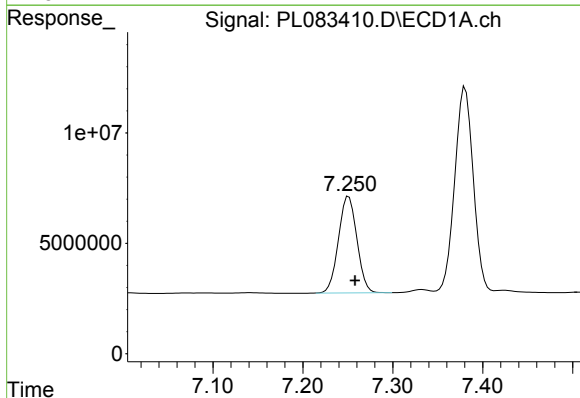
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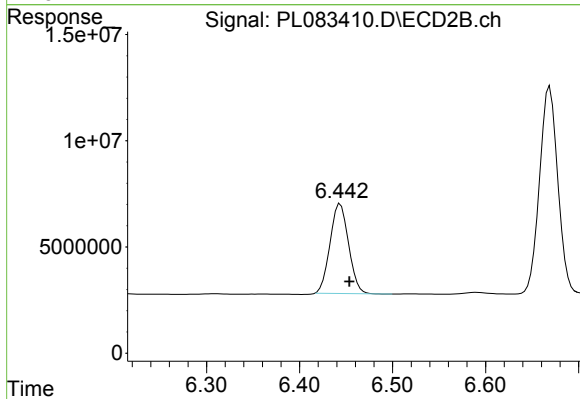
#19 Endosulfan Sulfate

R.T.: 6.165 min
Delta R.T.: -0.009 min
Response: 118527009
Conc: 48.40 ng/ml



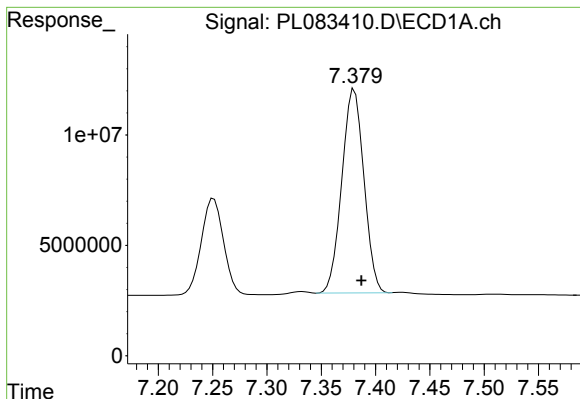
#20 Methoxychlor

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 62360023
Conc: 47.16 ng/ml



#20 Methoxychlor

R.T.: 6.444 min
Delta R.T.: -0.010 min
Response: 58475226
Conc: 45.98 ng/ml



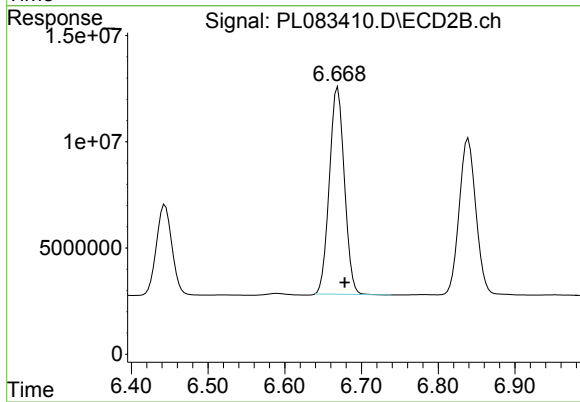
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 130729292
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

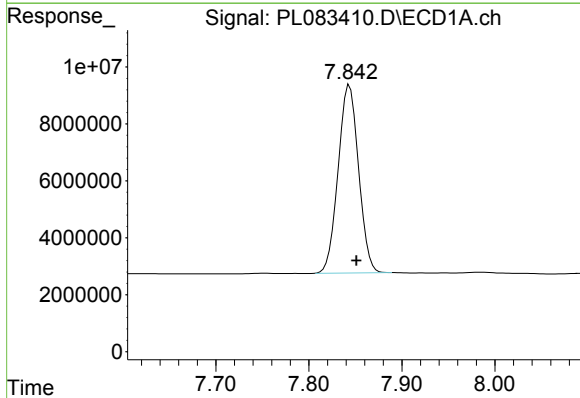
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



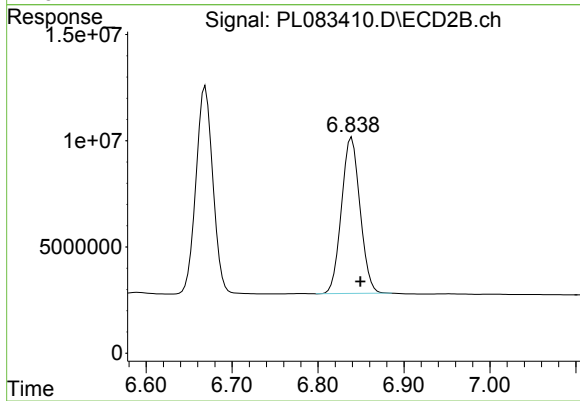
#21 Endrin ketone

R.T.: 6.669 min
Delta R.T.: -0.009 min
Response: 132358307
Conc: 48.95 ng/ml



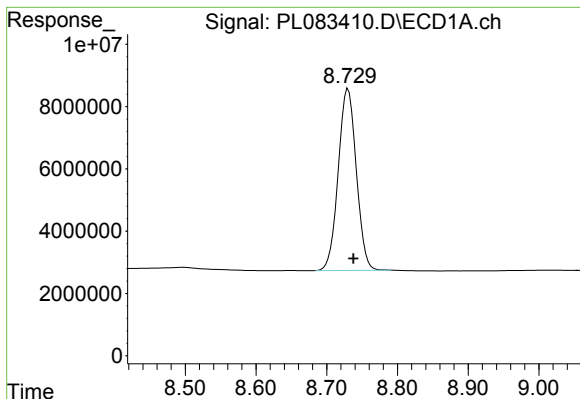
#22 Mirex

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 100975351
Conc: 48.17 ng/ml



#22 Mirex

R.T.: 6.838 min
Delta R.T.: -0.012 min
Response: 110325914
Conc: 47.15 ng/ml m



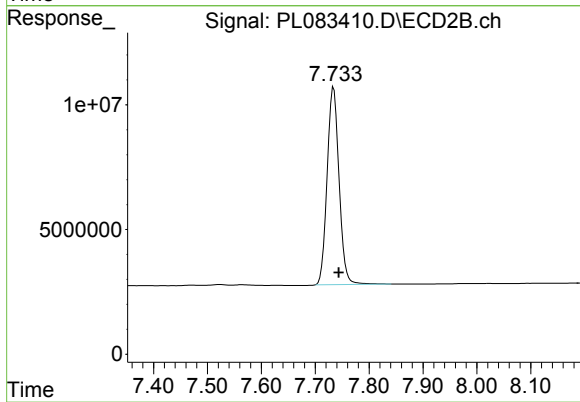
#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 103663176
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 06/14/2023



#28 Decachlorobiphenyl

R.T.: 7.734 min
Delta R.T.: -0.009 min
Response: 122267040
Conc: 49.17 ng/ml