

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 18:11
 Operator : AR\AJ
 Sample : 02774-04MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-N-1MS

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 21:29:32 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	50990816	42994844	19.089	18.558
28)	SA Decachlor...	8.738	7.749	41660695	43392736	21.822	19.011
Target Compounds							
2)	A alpha-BHC	3.768	3.137	180.1E6	141.5E6	45.247	41.588
3)	MA gamma-BHC...	4.096	3.464	169.7E6	140.5E6	45.385	43.697
4)	MA Heptachlor	4.674	3.795	163.6E6	129.4E6	44.761	37.813
5)	MB Aldrin	5.011	4.071	159.3E6	138.4E6	48.308	43.934
6)	B beta-BHC	4.300	3.763	75144079	52117595	44.060	38.198m
7)	B delta-BHC	4.541	3.990	166.0E6	129.2E6	46.136	42.114
8)	B Heptachlo...	5.437	4.573	145.5E6	119.7E6	47.693	41.554
9)	A Endosulfan I	5.818	4.940	129.2E6	110.8E6	46.608	41.493
10)	B gamma-Chl...	5.692	4.821	144.9E6	119.4E6	48.189	41.150
11)	B alpha-Chl...	5.770	4.884	140.7E6	120.3E6	47.152	41.446
12)	B 4,4'-DDE	5.948	5.073	123.2E6	102.3E6	48.475	44.518m
13)	MA Dieldrin	6.092	5.202	135.0E6	116.4E6	48.940	43.114m
14)	MA Endrin	6.320	5.476	113.2E6	100.7E6	46.700	41.184m
15)	B Endosulfa...	6.542	5.775	120.4E6	102.1E6	49.437	45.275
16)	A 4,4'-DDD	6.464	5.629	103.9E6	87189742	51.242	46.616
17)	MA 4,4'-DDT	6.775	5.877	101.8E6	86402893	44.507	40.899
18)	B Endrin al...	6.672	5.954	95905863	85479250	50.901	45.677
19)	B Endosulfa...	6.907	6.177	113.9E6	100.7E6	48.030	42.778
20)	A Methoxychlor	7.256	6.455	55236014	51090588	45.263	42.160m
21)	B Endrin ke...	7.386	6.680	120.7E6	117.9E6	50.409	46.449m
22)	Mirex	7.850	6.852	91389919	95025556	46.715	41.239m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
Data File : PL082769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2023 18:11
Operator : AR\AJ
Sample : 02774-04MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

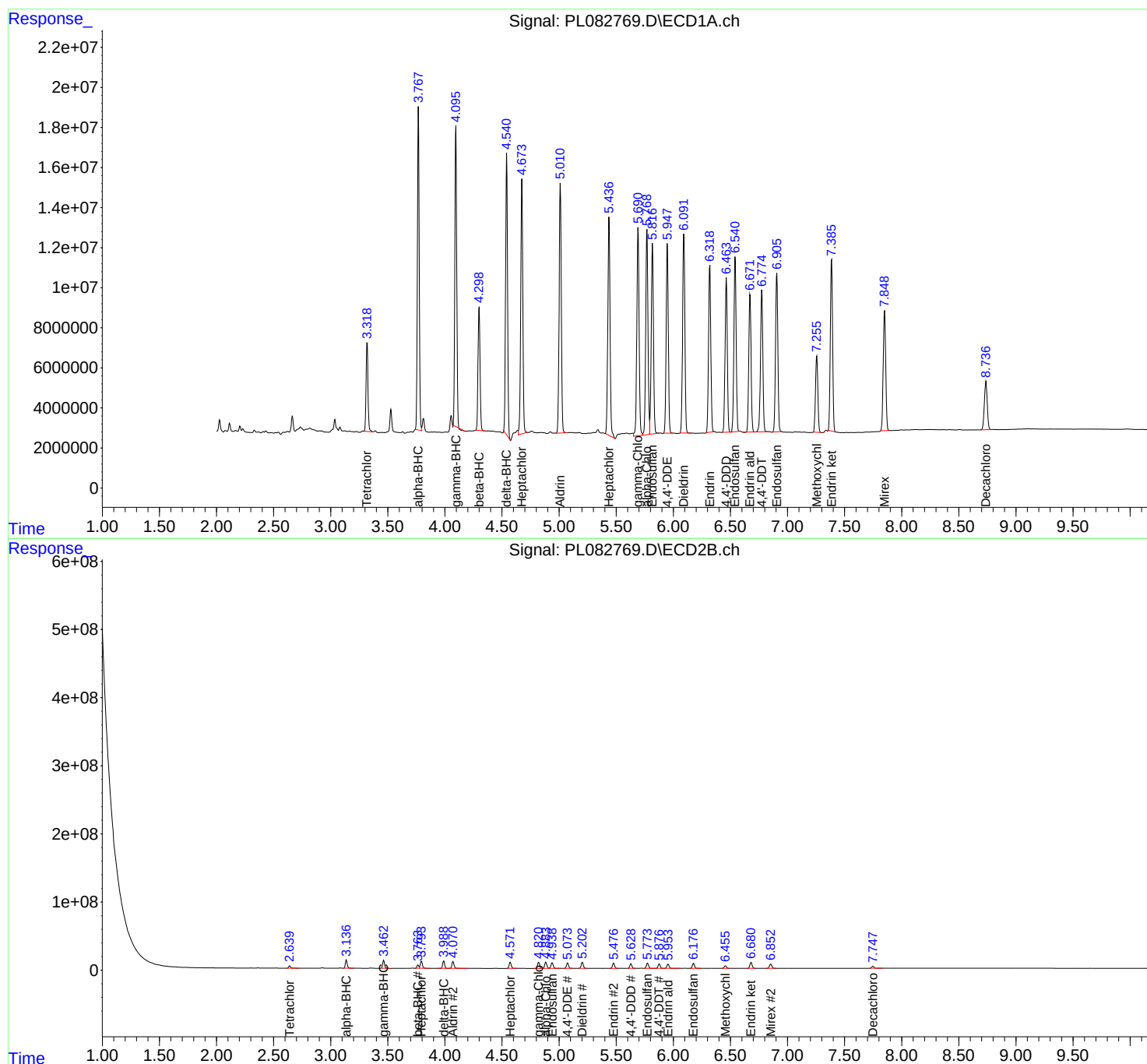
Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

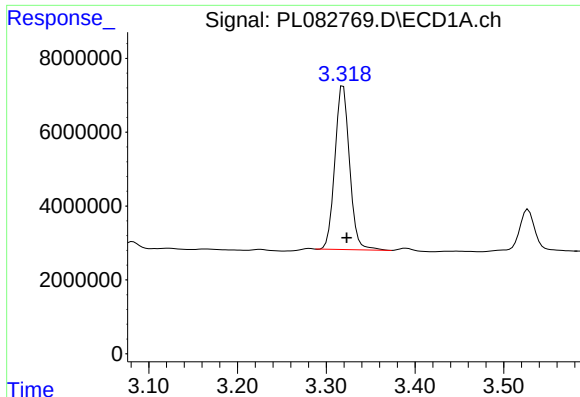
Manual Integrations
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Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 21:29:32 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





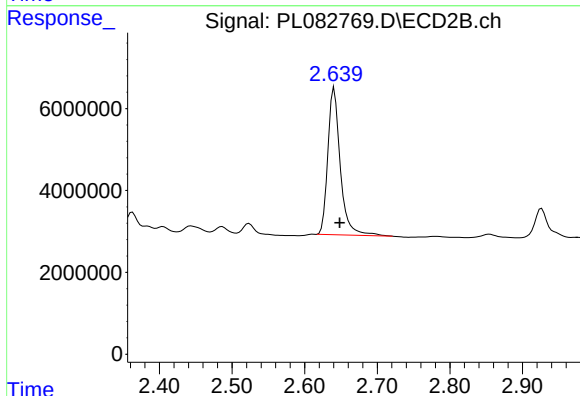
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 50990816
Conc: 19.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

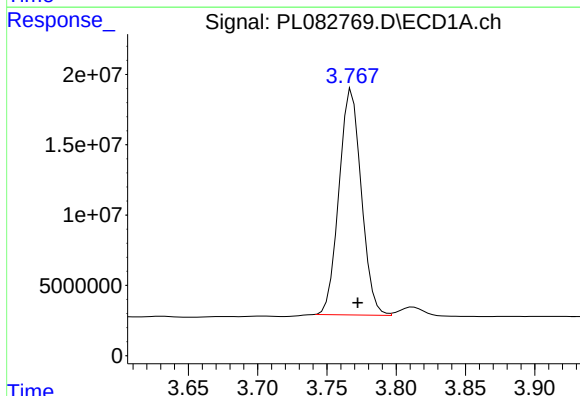
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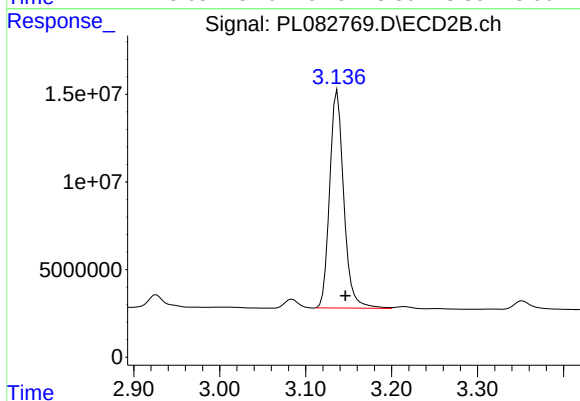
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 42994844
Conc: 18.56 ng/ml



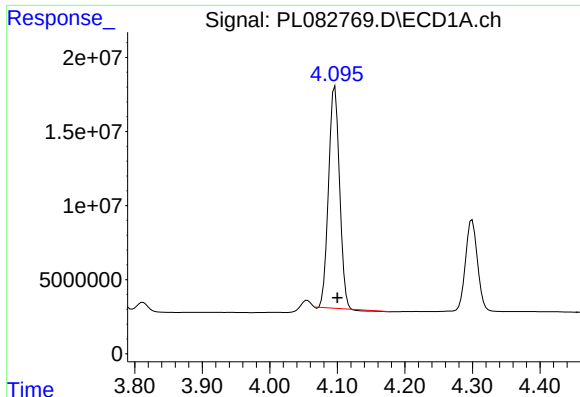
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 180096124
Conc: 45.25 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 141542085
Conc: 41.59 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 169692831
Conc: 45.39 ng/ml

Instrument :

ECD_L

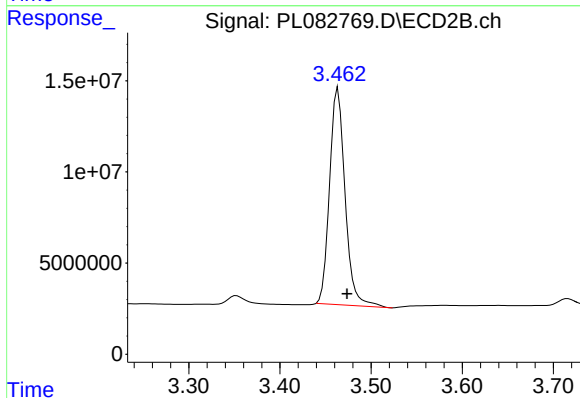
ClientSampleId :

WC-N-1MS

Manual Integrations

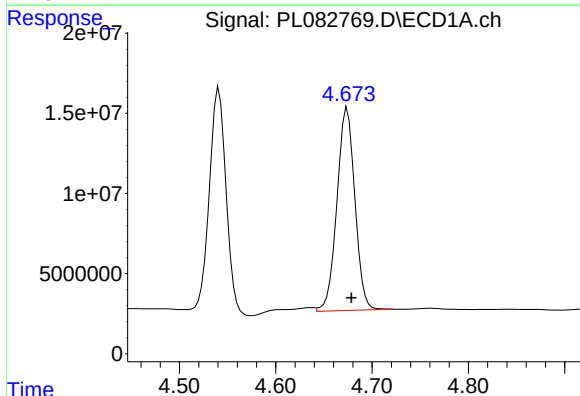
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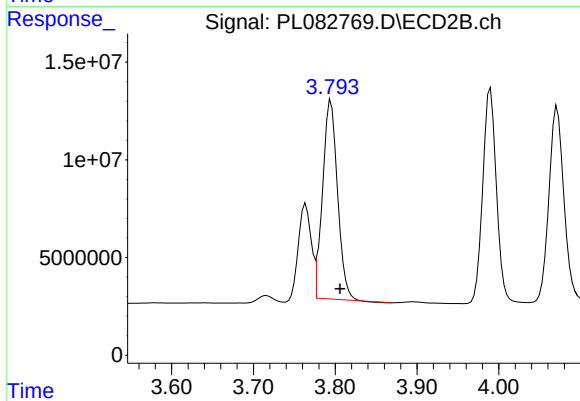
#3 gamma-BHC (Lindane)

R.T.: 3.464 min
Delta R.T.: -0.010 min
Response: 140497380
Conc: 43.70 ng/ml



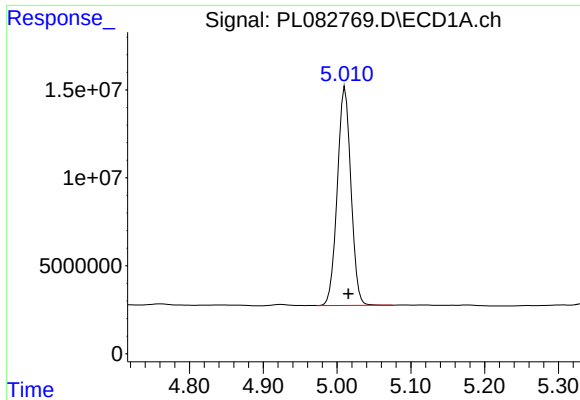
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 163554272
Conc: 44.76 ng/ml



#4 Heptachlor

R.T.: 3.795 min
Delta R.T.: -0.011 min
Response: 129444536
Conc: 37.81 ng/ml



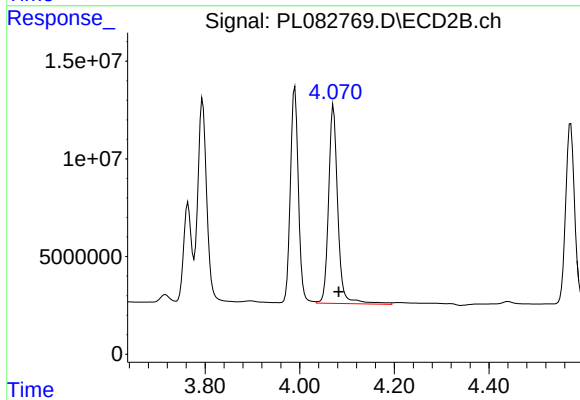
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 159298095
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

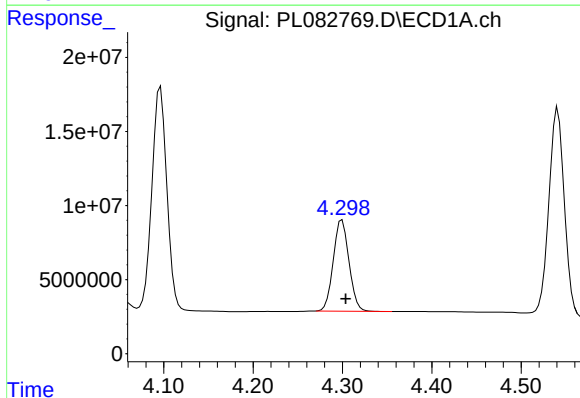
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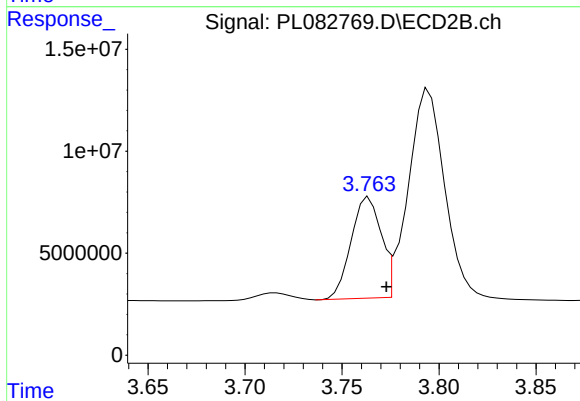
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 138387148
Conc: 43.93 ng/ml



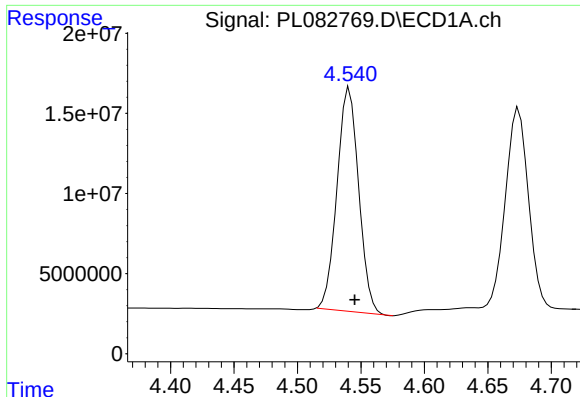
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 75144079
Conc: 44.06 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 52117595
Conc: 38.20 ng/ml m



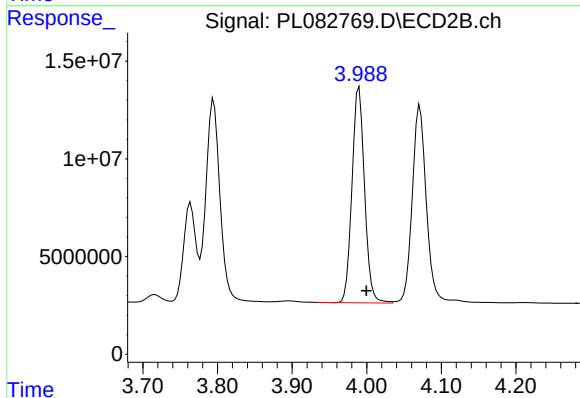
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 165985764
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

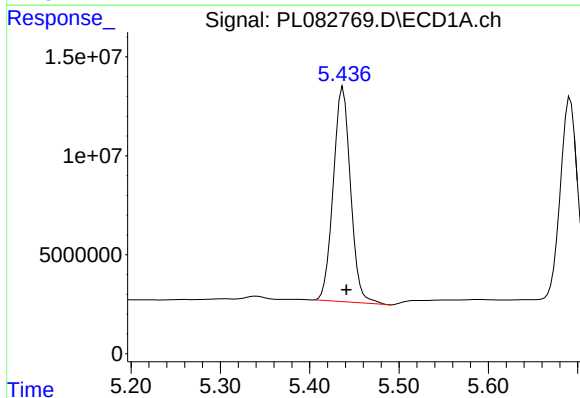
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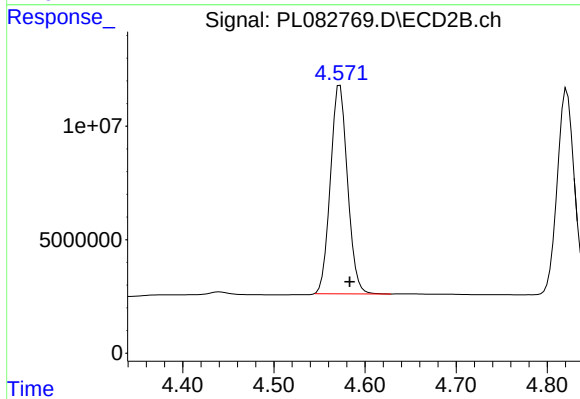
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.010 min
Response: 129179566
Conc: 42.11 ng/ml



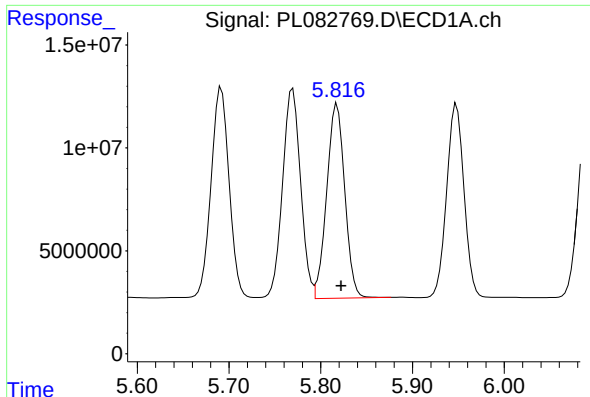
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 145481494
Conc: 47.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.011 min
Response: 119713702
Conc: 41.55 ng/ml



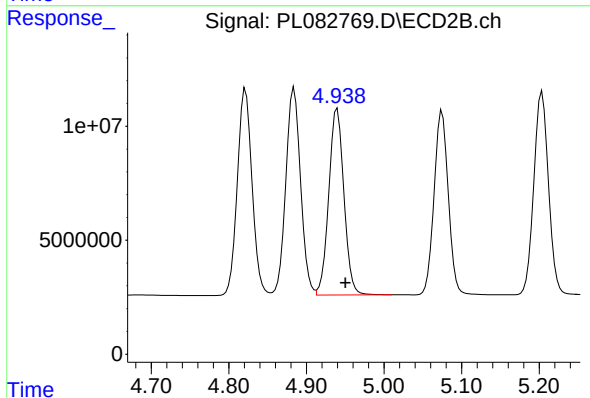
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 129230446
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

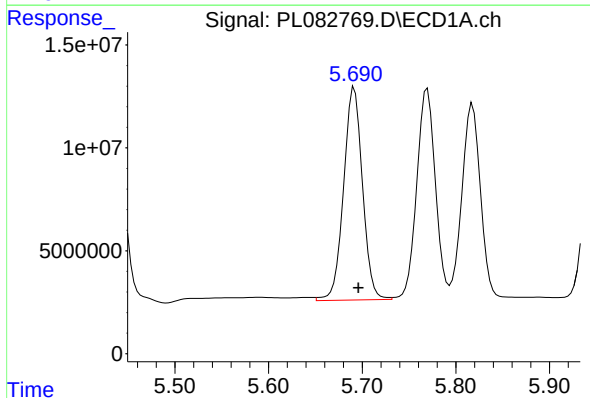
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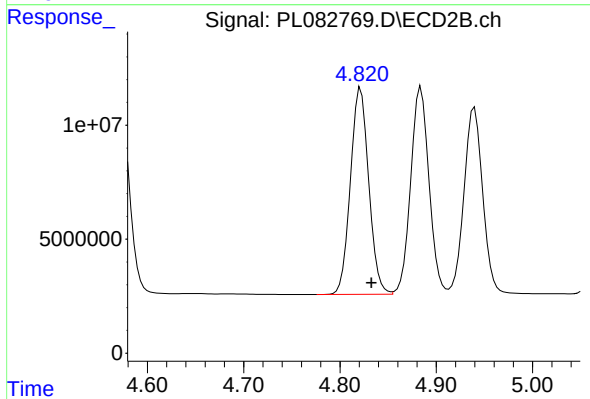
#9 Endosulfan I

R.T.: 4.940 min
Delta R.T.: -0.011 min
Response: 110761952
Conc: 41.49 ng/ml



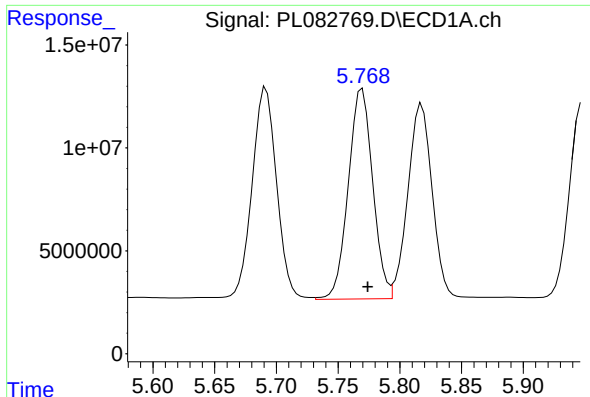
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 144898181
Conc: 48.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: -0.011 min
Response: 119409952
Conc: 41.15 ng/ml



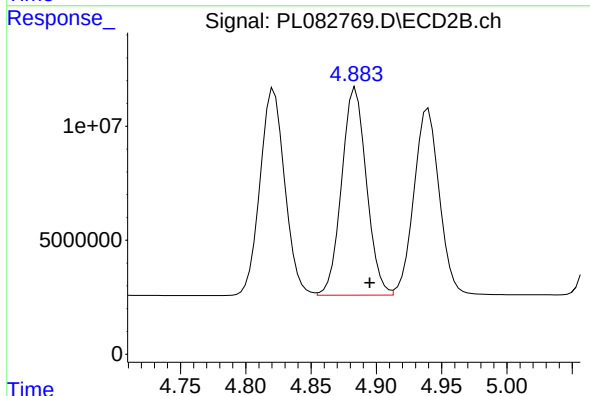
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 140730129
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

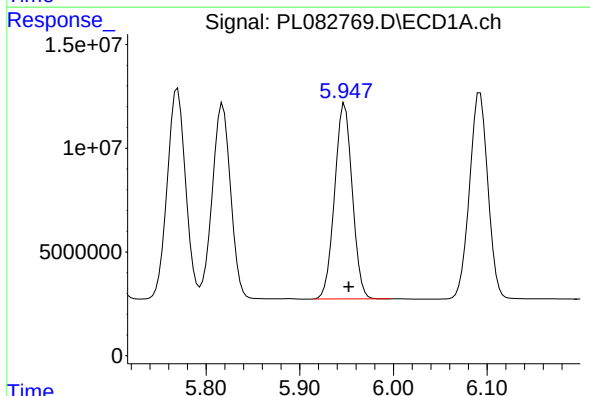
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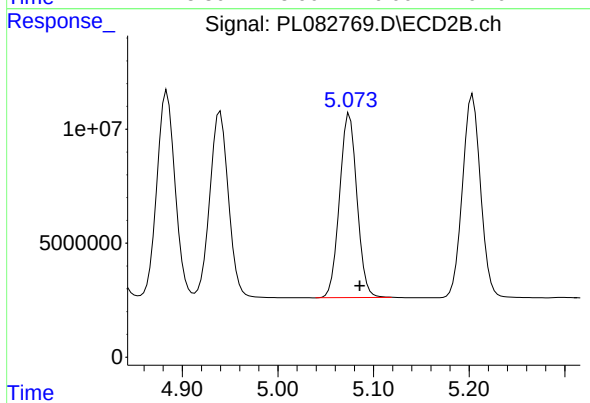
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: -0.011 min
Response: 120310747
Conc: 41.45 ng/ml



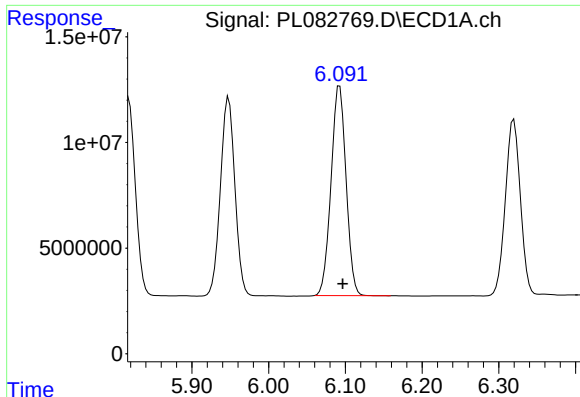
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 123225964
Conc: 48.48 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.012 min
Response: 102345738
Conc: 44.52 ng/ml m



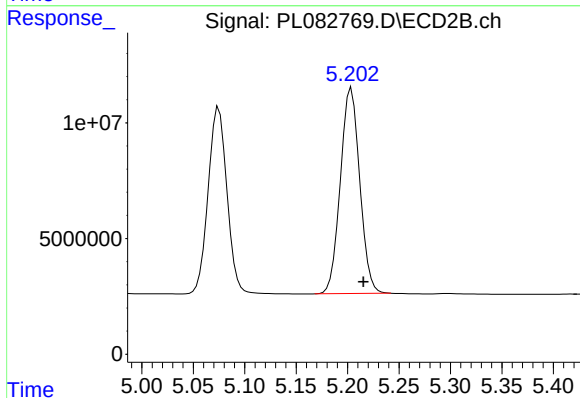
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 135030608
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

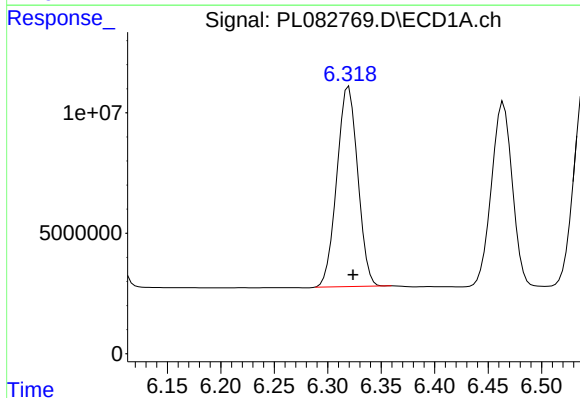
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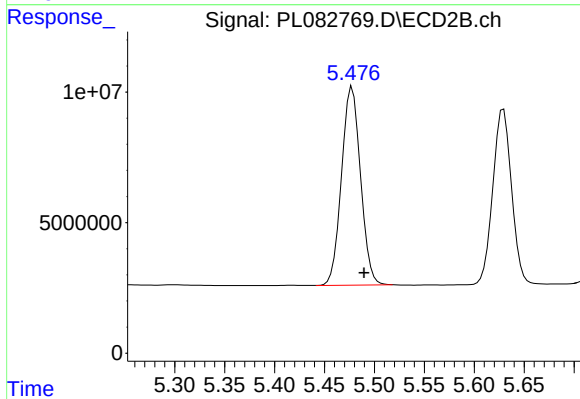
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: -0.013 min
Response: 116425505
Conc: 43.11 ng/ml m



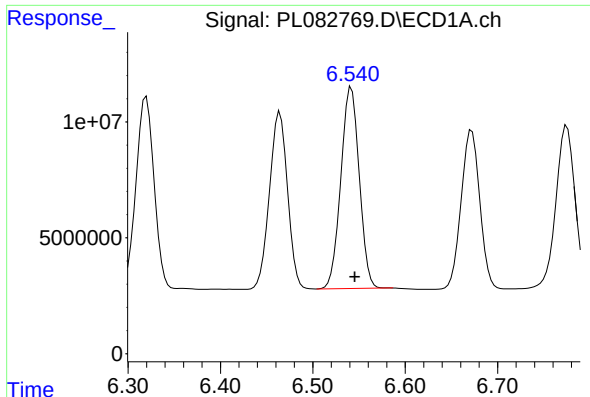
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 113225842
Conc: 46.70 ng/ml



#14 Endrin

R.T.: 5.476 min
Delta R.T.: -0.013 min
Response: 100734698
Conc: 41.18 ng/ml m



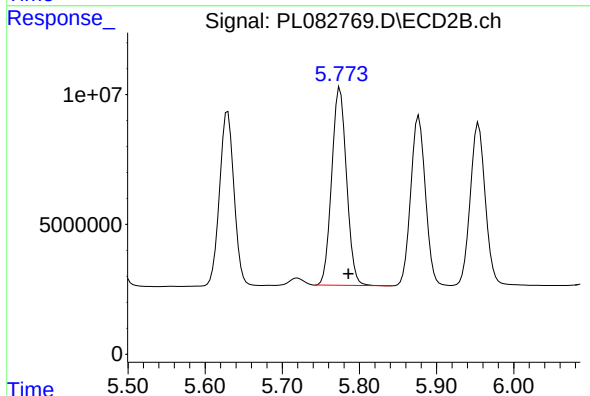
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 120356956
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

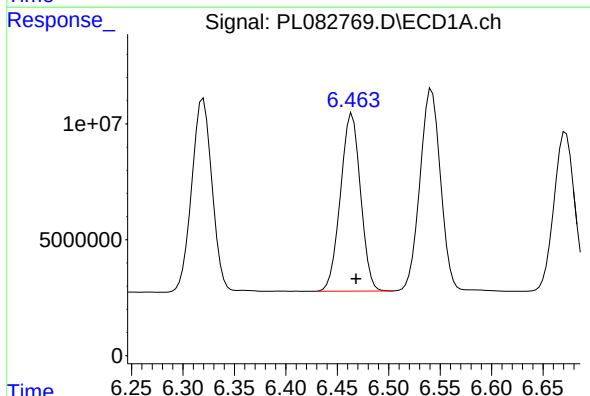
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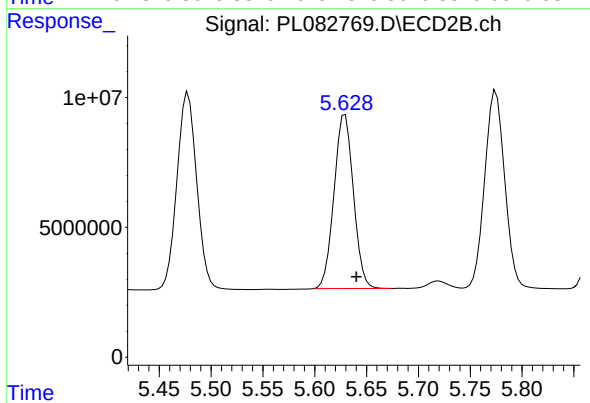
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: -0.011 min
Response: 102054618
Conc: 45.27 ng/ml



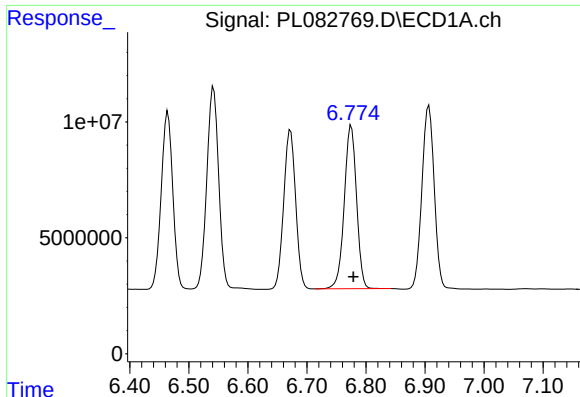
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 103877791
Conc: 51.24 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.011 min
Response: 87189742
Conc: 46.62 ng/ml



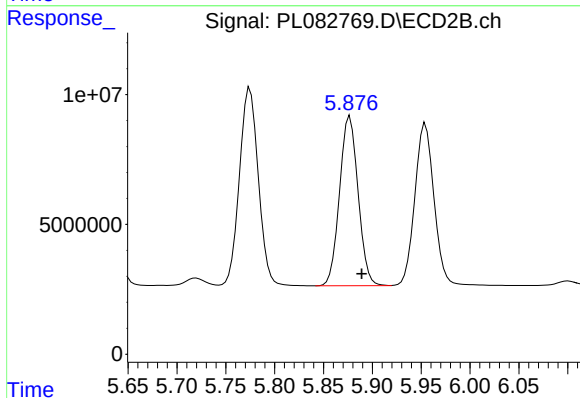
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 101818549
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

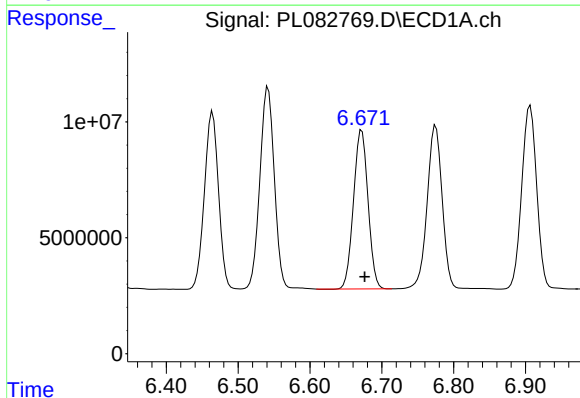
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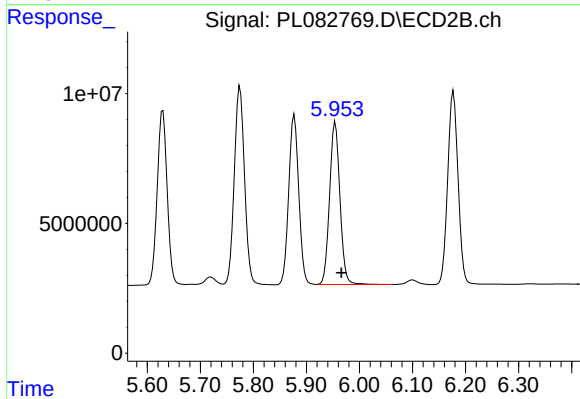
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: -0.012 min
Response: 86402893
Conc: 40.90 ng/ml



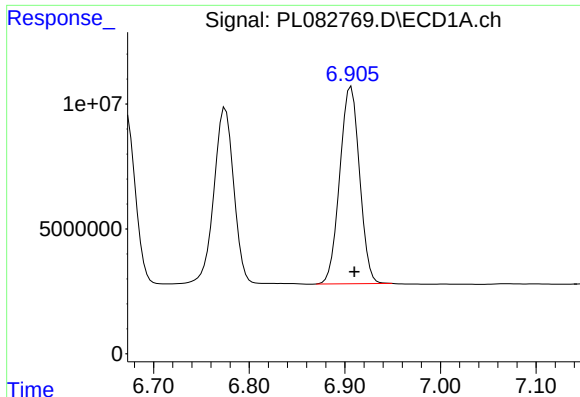
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 95905863
Conc: 50.90 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: -0.012 min
Response: 85479250
Conc: 45.68 ng/ml



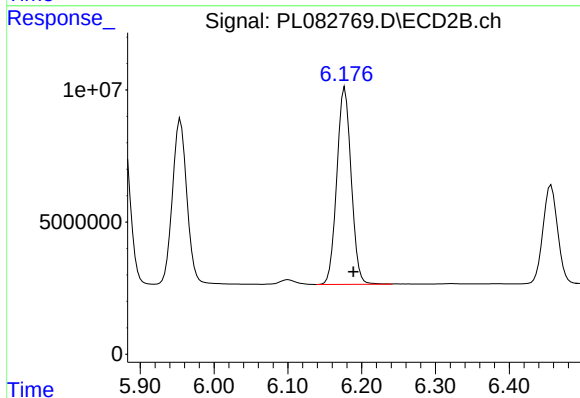
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.004 min
Response: 113903999
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

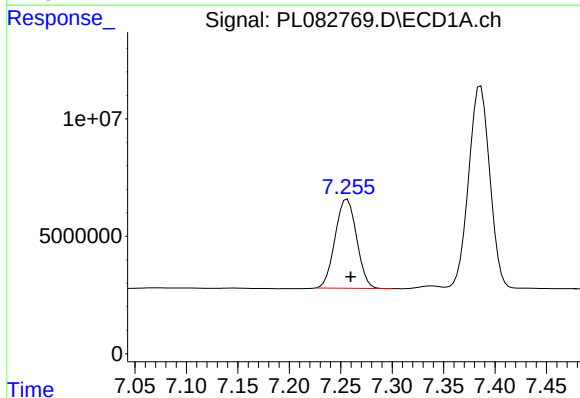
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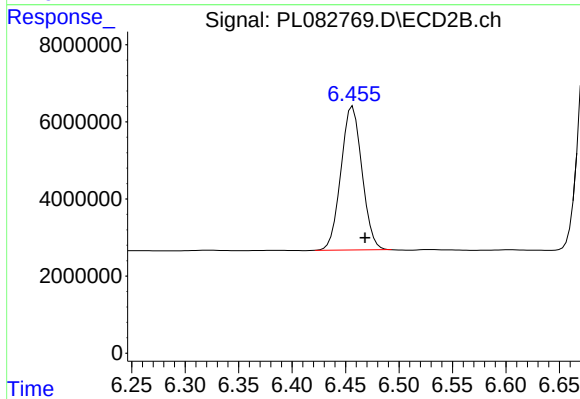
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: -0.011 min
Response: 100711124
Conc: 42.78 ng/ml



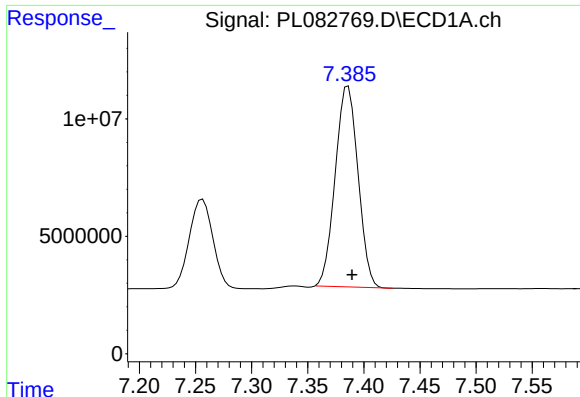
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 55236014
Conc: 45.26 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.013 min
Response: 51090588
Conc: 42.16 ng/ml m



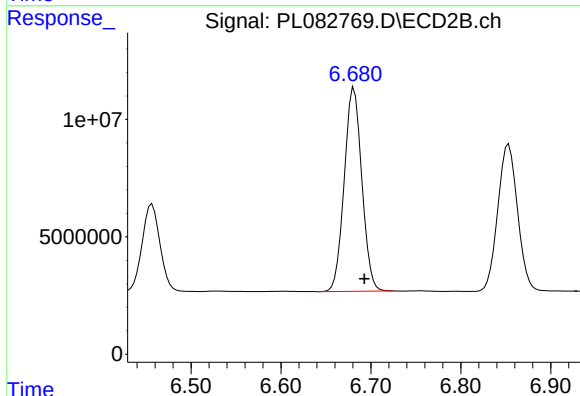
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 120698760
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

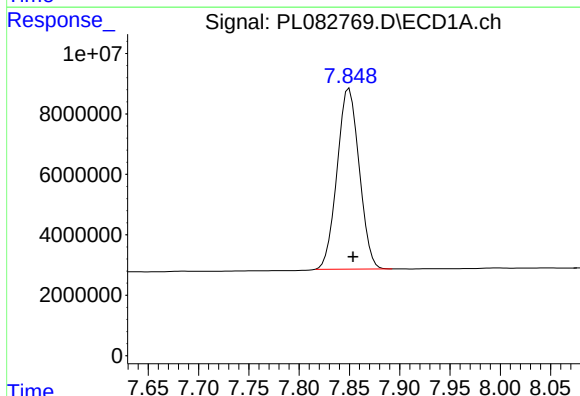
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Reviewed By :Abdul Mirza 05/18/2023
Supervised By :Ankita Jodhani 05/18/2023



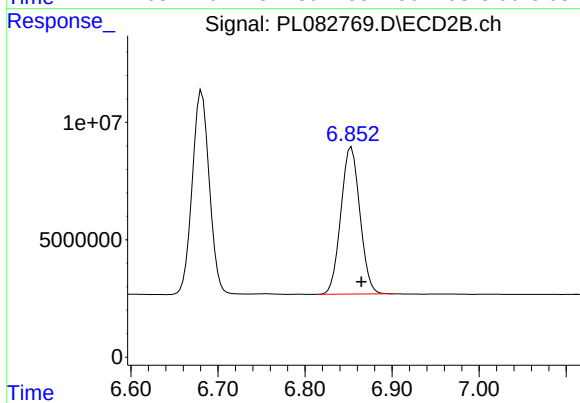
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: -0.013 min
Response: 117896020
Conc: 46.45 ng/ml m



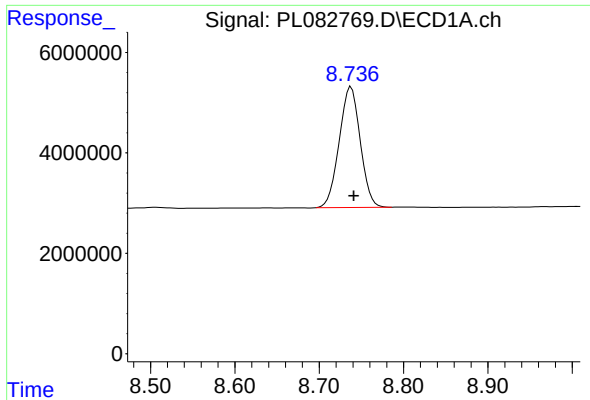
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.004 min
Response: 91389919
Conc: 46.72 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 95025556
Conc: 41.24 ng/ml m



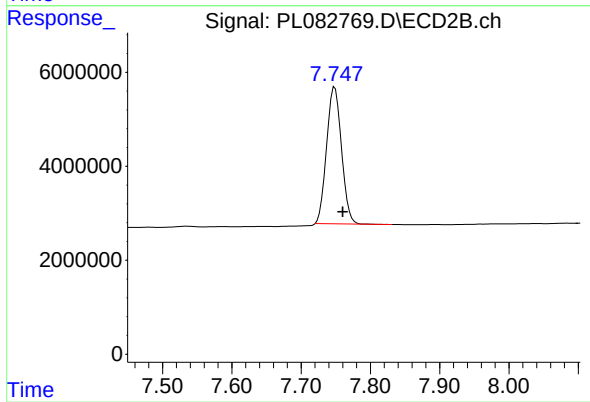
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 41660695
Conc: 21.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-N-1MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 43392736
Conc: 19.01 ng/ml