

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082669.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 19:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:43:34 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...	3.318	2.641	130.8E6	121.3E6	48.957	52.350
28)	SA Decachlor...	8.735	7.747	99652987	116.7E6	52.200	51.115m
Target Compounds							
2)	A alpha-BHC	3.767	3.138	199.7E6	178.9E6	50.184	52.553
3)	MA gamma-BHC...	4.096	3.465	187.0E6	165.5E6	50.009	51.482
4)	MA Heptachlor	4.673	3.796	176.8E6	162.5E6	48.381	47.470
5)	MB Aldrin	5.010	4.073	168.4E6	163.2E6	51.055	51.797
6)	B beta-BHC	4.299	3.764	84184927	66666062	49.361	48.861m
7)	B delta-BHC	4.540	3.991	182.5E6	164.3E6	50.720	53.550
8)	B Heptachlo...	5.436	4.574	154.4E6	148.4E6	50.621	51.495
9)	A Endosulfan I	5.816	4.941	142.8E6	139.8E6	51.499	52.360
10)	B gamma-Chl...	5.691	4.822	156.7E6	150.7E6	52.124	51.946
11)	B alpha-Chl...	5.768	4.885	153.4E6	150.0E6	51.381	51.684
12)	B 4,4'-DDE	5.947	5.075	135.6E6	127.0E6	53.353	55.253m
13)	MA Dieldrin	6.091	5.204	144.1E6	141.5E6	52.242	52.400m
14)	MA Endrin	6.318	5.478	111.7E6	113.8E6	46.089	46.523m
15)	B Endosulfa...	6.540	5.776	119.5E6	118.9E6	49.064	52.734
16)	A 4,4'-DDD	6.463	5.630	118.6E6	111.8E6	58.515	59.796
17)	MA 4,4'-DDT	6.774	5.878	103.0E6	97313614	45.003	46.064
18)	B Endrin al...	6.670	5.956	99198854	97682482	52.649	52.198
19)	B Endosulfa...	6.905	6.178	124.8E6	122.6E6	52.636	52.061
20)	A Methoxychlor	7.255	6.456	52821877	54642016	43.285	45.090m
21)	B Endrin ke...	7.383	6.681	134.9E6	143.5E6	56.355m	56.532m
22)	Mirex	7.848	6.852	99179957	115.1E6	50.697	49.939m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 19:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

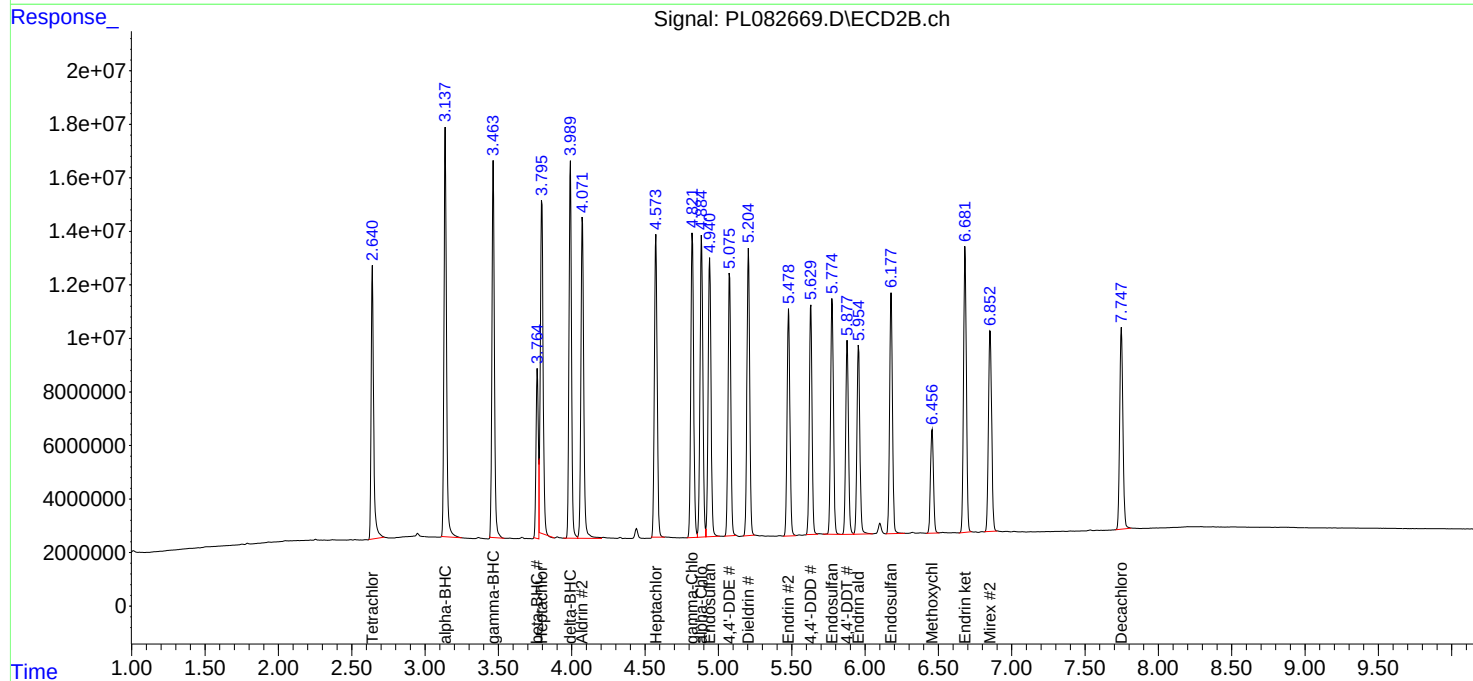
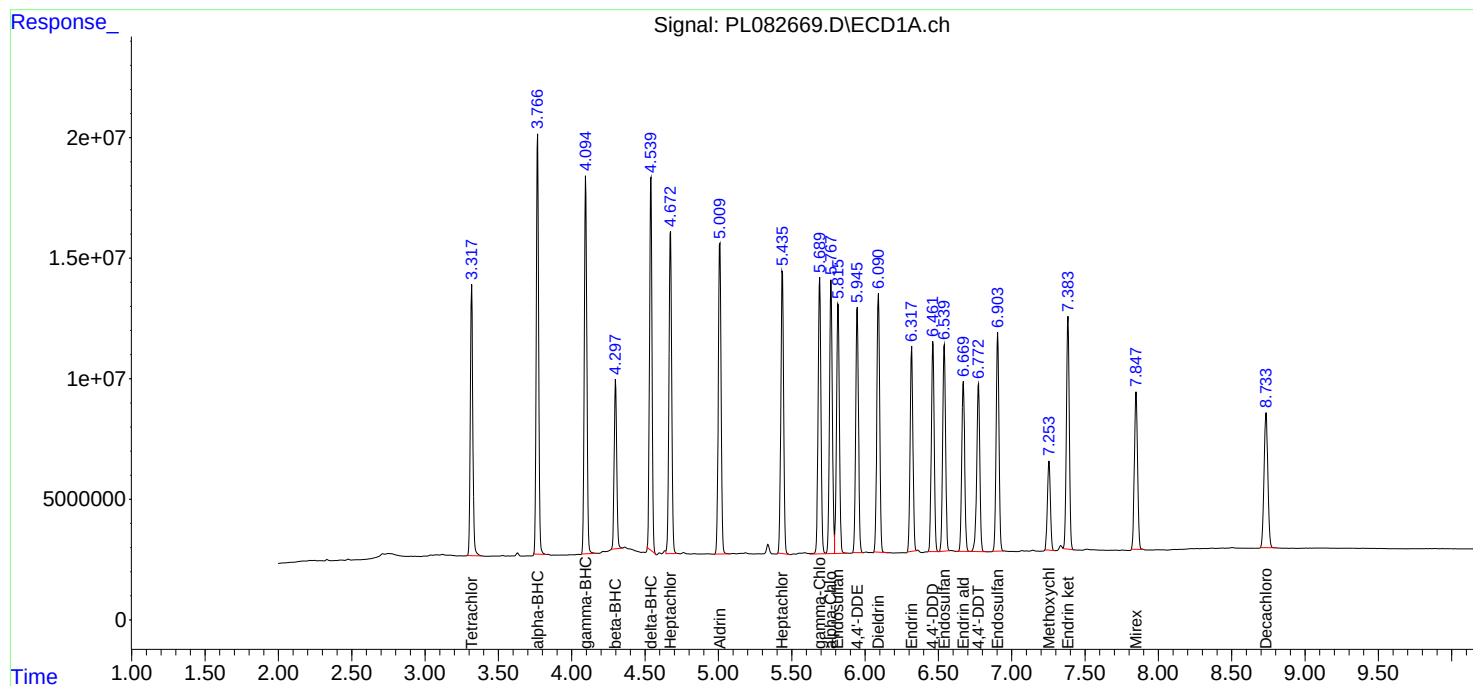
APPROVED

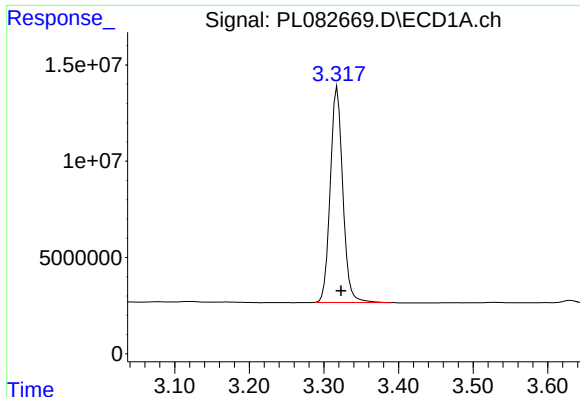
Reviewed By :Abdul Mirza 05/12/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:43:34 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





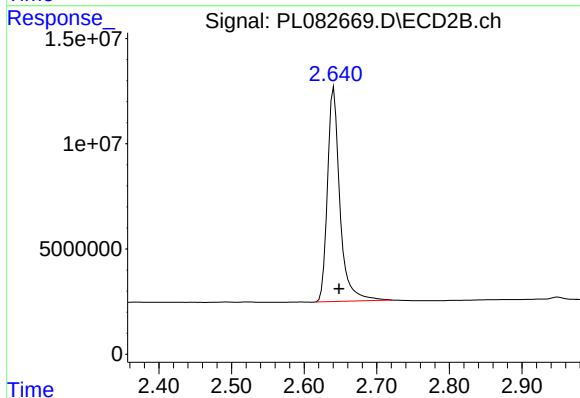
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 130774215
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

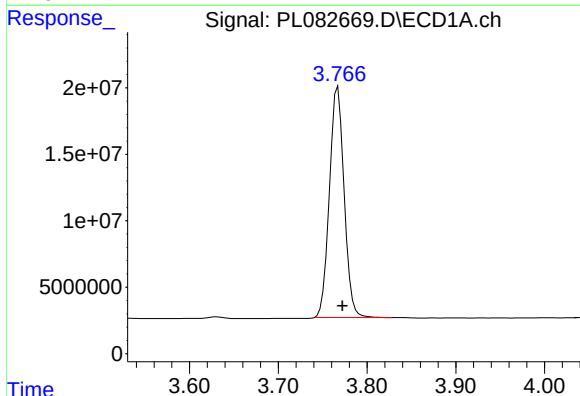
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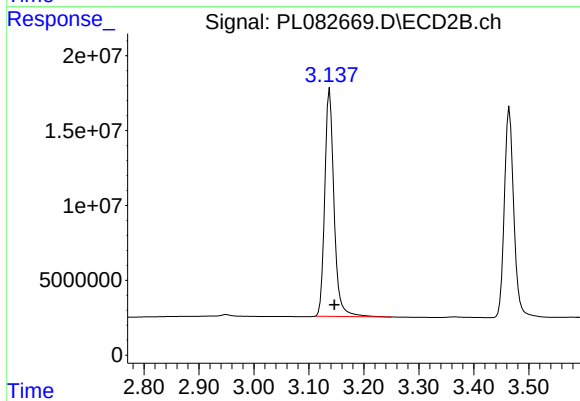
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 121280142
Conc: 52.35 ng/ml



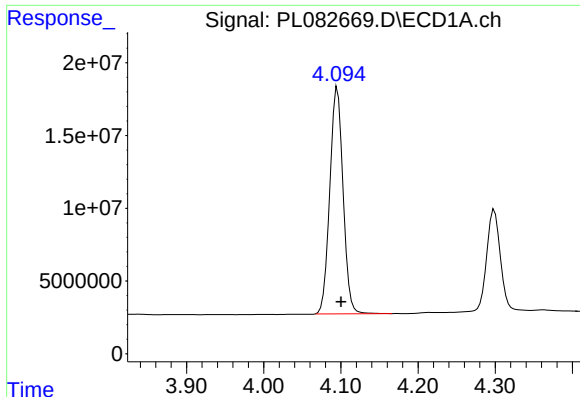
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 199744423
Conc: 50.18 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 178863267
Conc: 52.55 ng/ml



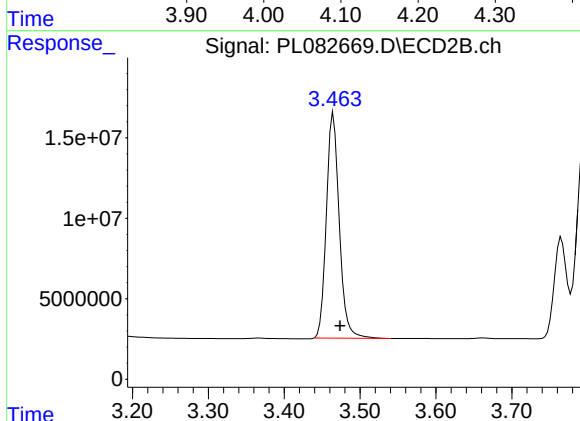
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 186981283
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

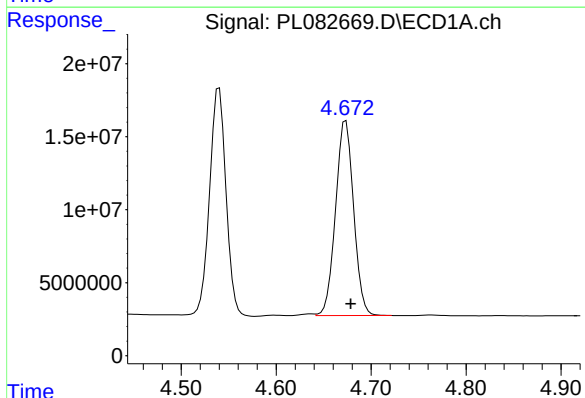
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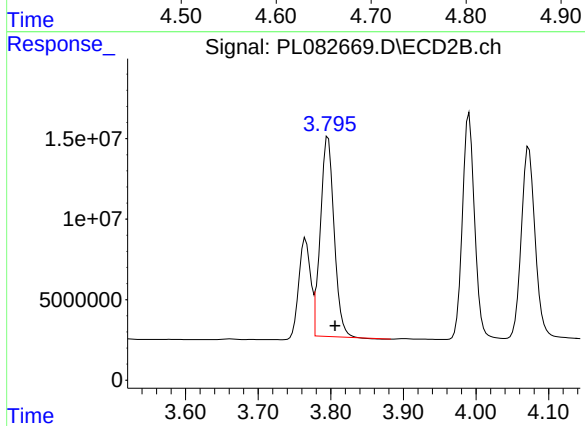
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 165528943
Conc: 51.48 ng/ml



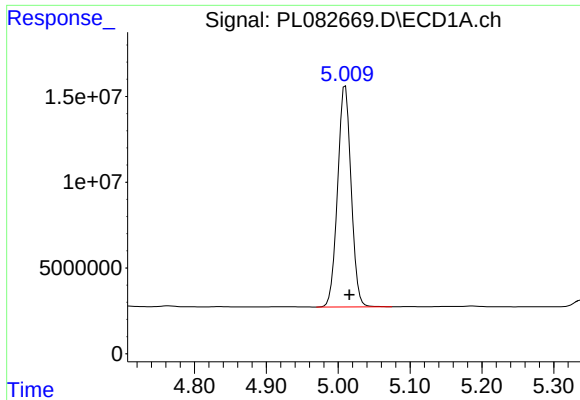
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.005 min
Response: 176779231
Conc: 48.38 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 162502809
Conc: 47.47 ng/ml



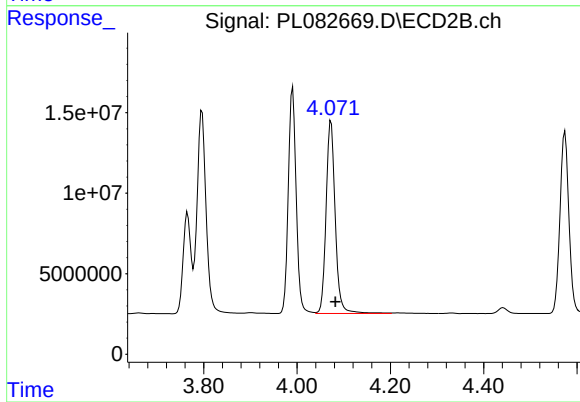
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 168357836
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

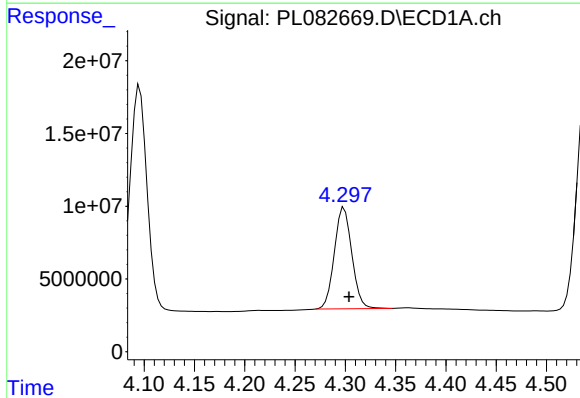
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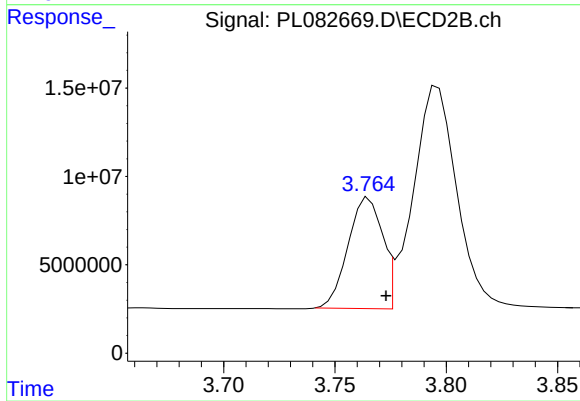
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.009 min
Response: 163153538
Conc: 51.80 ng/ml



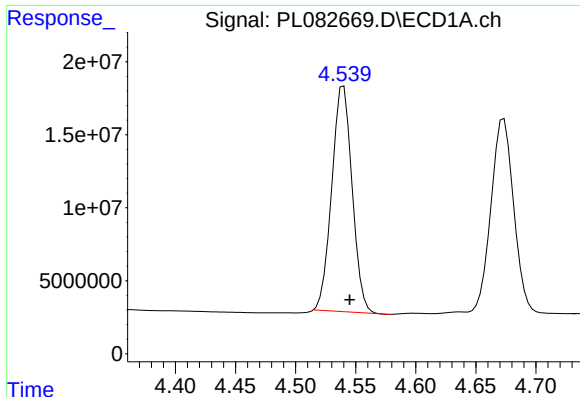
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.005 min
Response: 84184927
Conc: 49.36 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 66666062
Conc: 48.86 ng/ml m



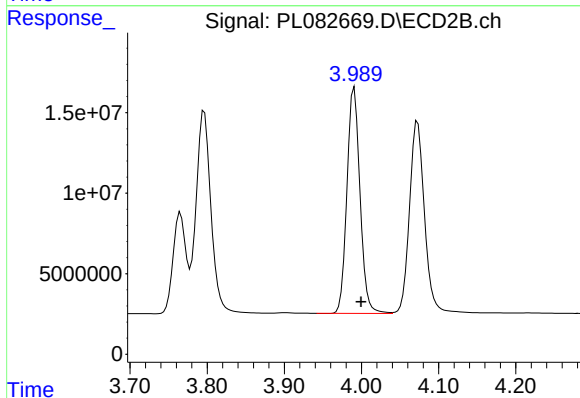
#7 delta-BHC

R.T.: 4.540 min
Delta R.T.: -0.005 min
Response: 182480728
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

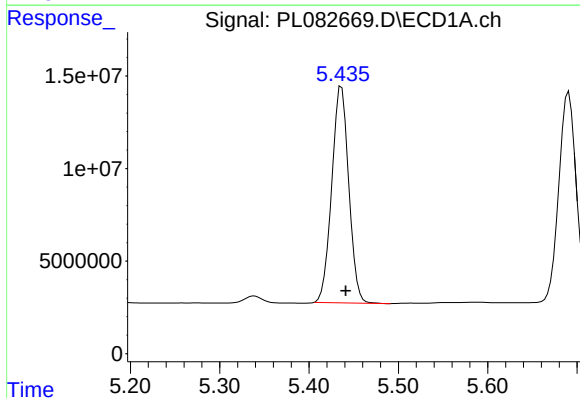
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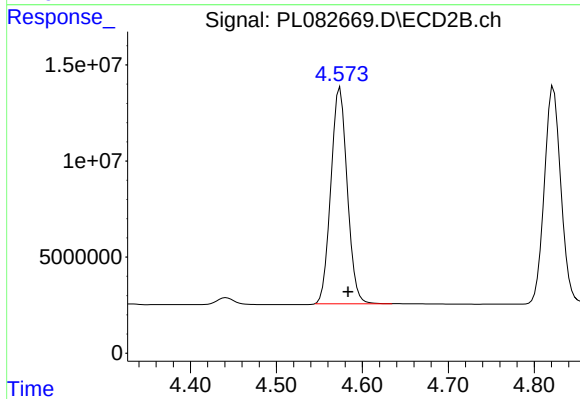
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 164258494
Conc: 53.55 ng/ml



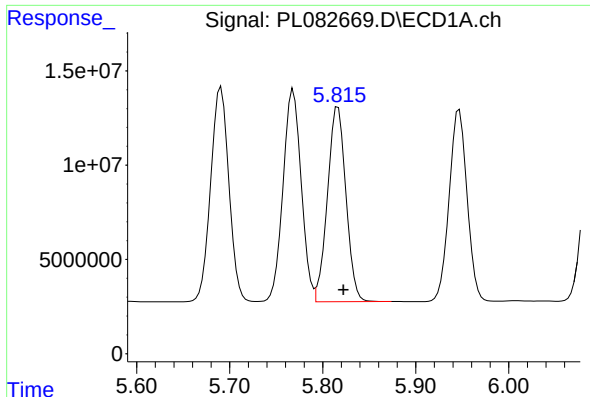
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.005 min
Response: 154411189
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.009 min
Response: 148351895
Conc: 51.50 ng/ml



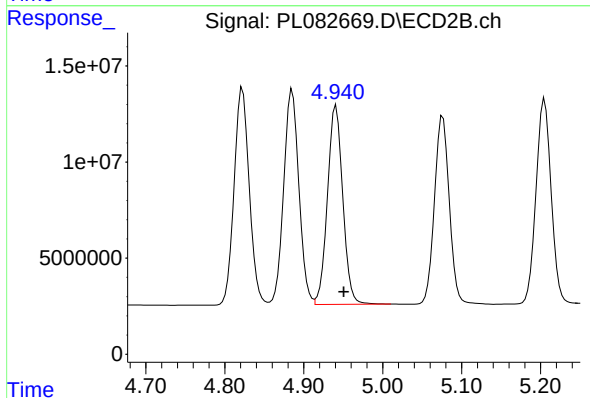
#9 Endosulfan I

R.T.: 5.816 min
Delta R.T.: -0.006 min
Response: 142792783
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

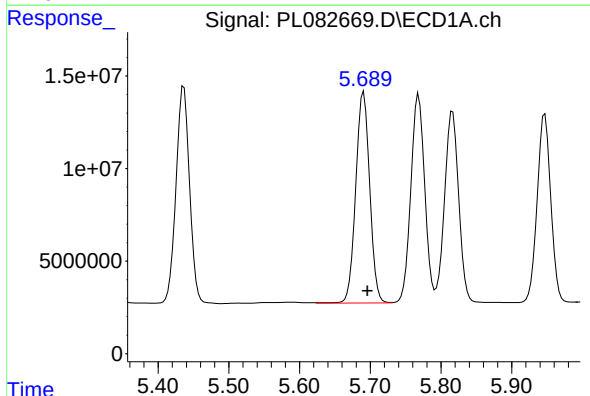
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Supervised By :Ankita Jodhani 05/16/2023



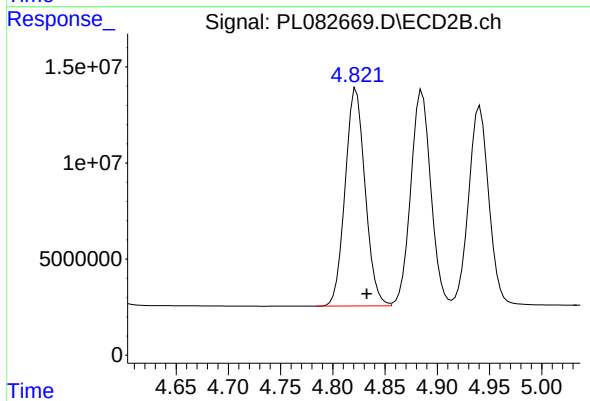
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 139773194
Conc: 52.36 ng/ml



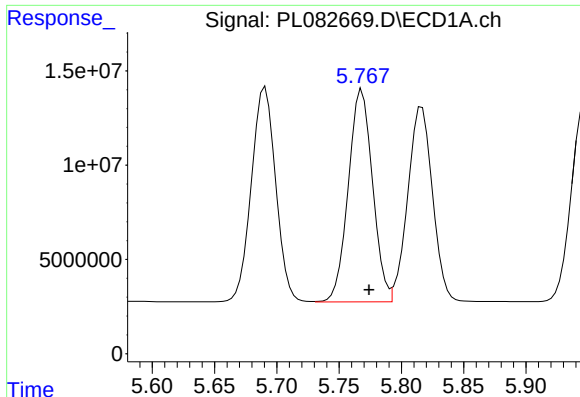
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 156729697
Conc: 52.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 150739625
Conc: 51.95 ng/ml



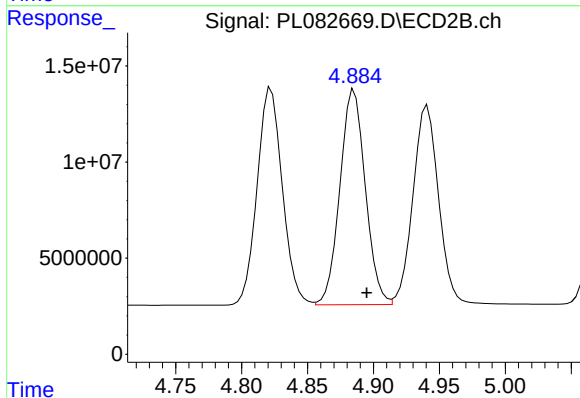
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.006 min
Response: 153350981
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

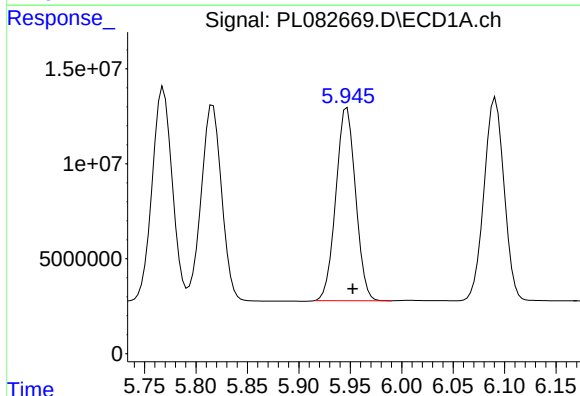
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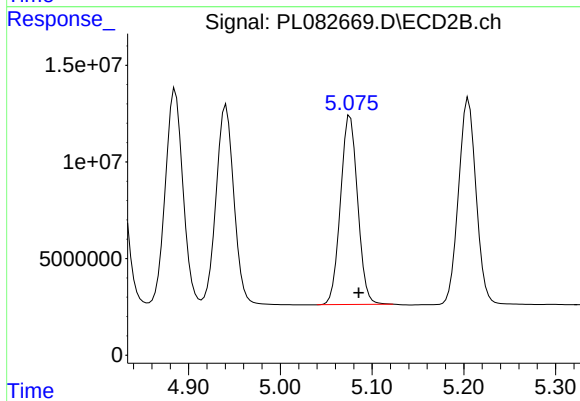
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 150029959
Conc: 51.68 ng/ml



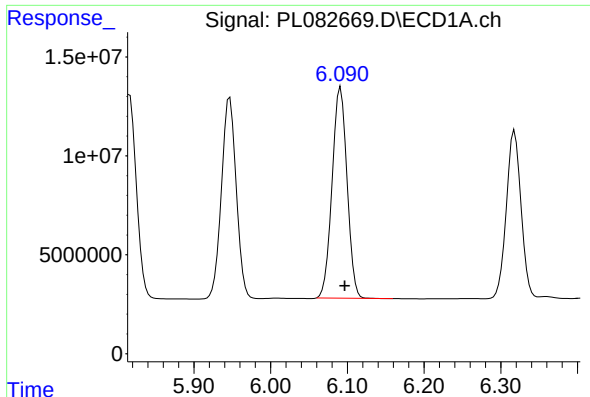
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 135626112
Conc: 53.35 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 127024400
Conc: 55.25 ng/ml m



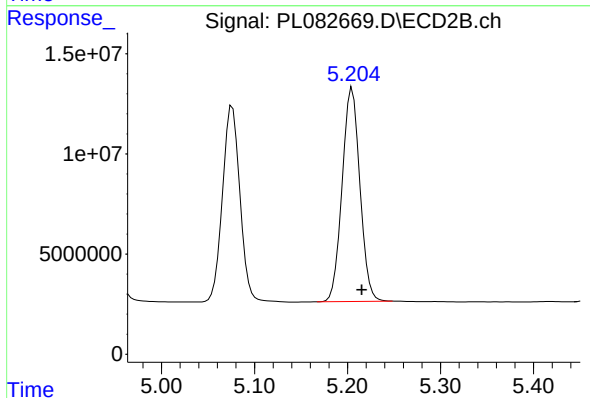
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 144142940
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

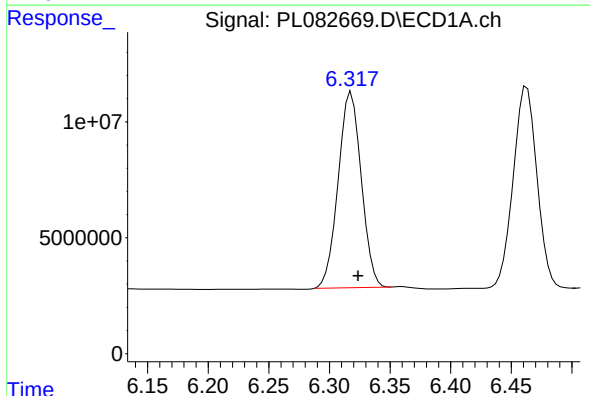
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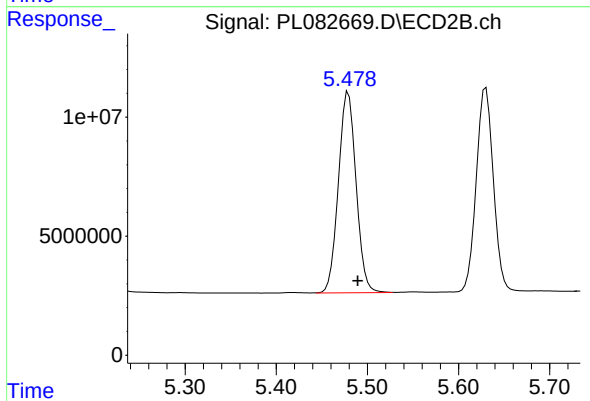
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.012 min
Response: 141500734
Conc: 52.40 ng/ml m



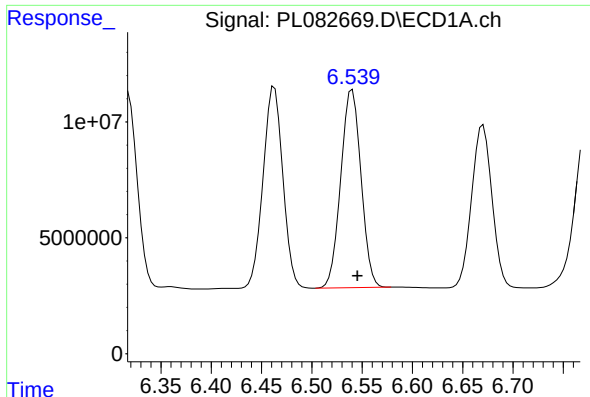
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.006 min
Response: 111745062
Conc: 46.09 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 113794426
Conc: 46.52 ng/ml m



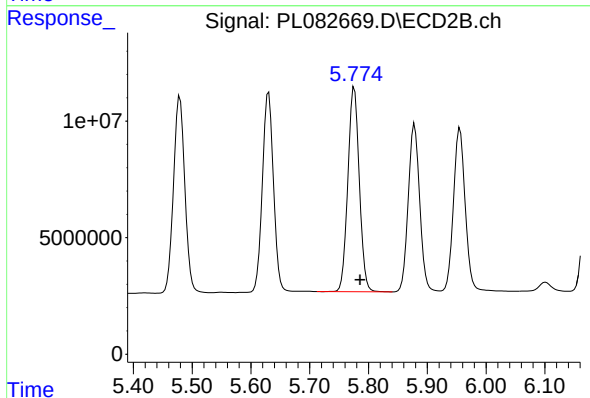
#15 Endosulfan II

R.T.: 6.540 min
Delta R.T.: -0.005 min
Response: 119450312
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

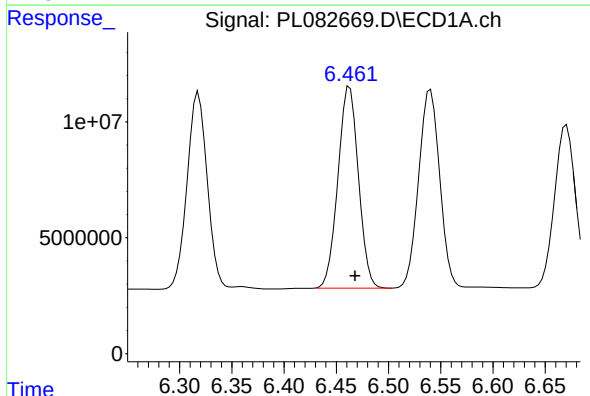
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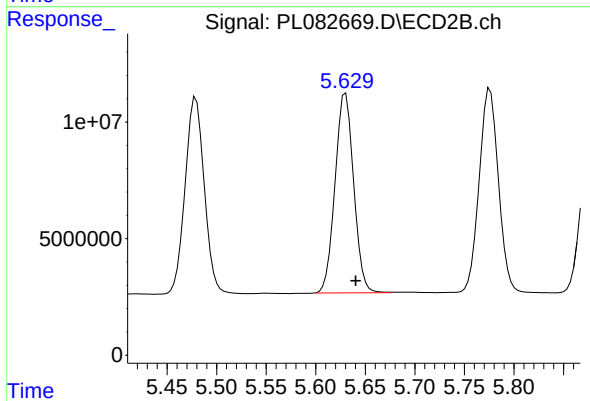
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 118868897
Conc: 52.73 ng/ml



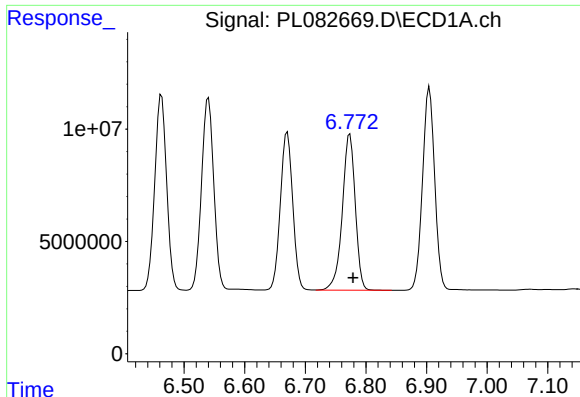
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 118621109
Conc: 58.51 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 111841879
Conc: 59.80 ng/ml



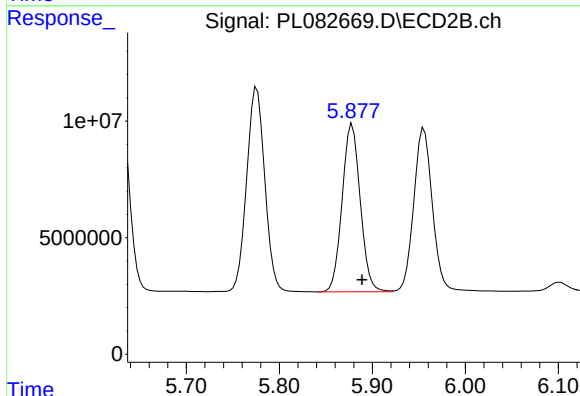
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 102954054
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

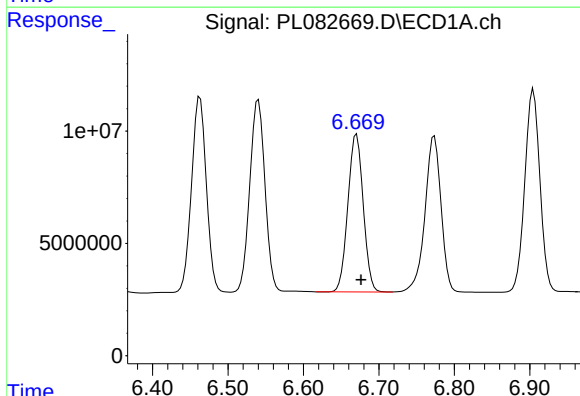
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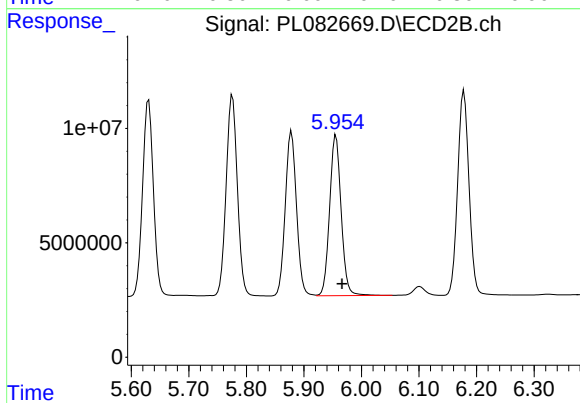
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 97313614
Conc: 46.06 ng/ml



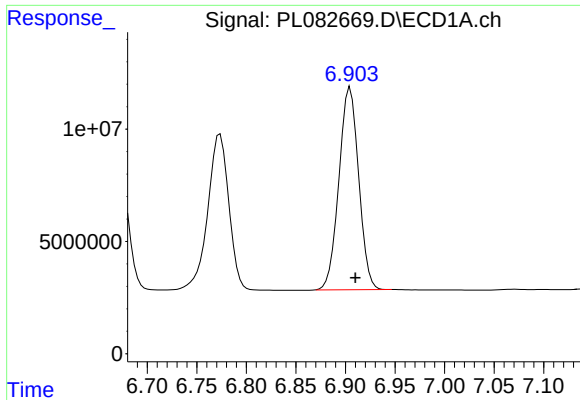
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 99198854
Conc: 52.65 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 97682482
Conc: 52.20 ng/ml



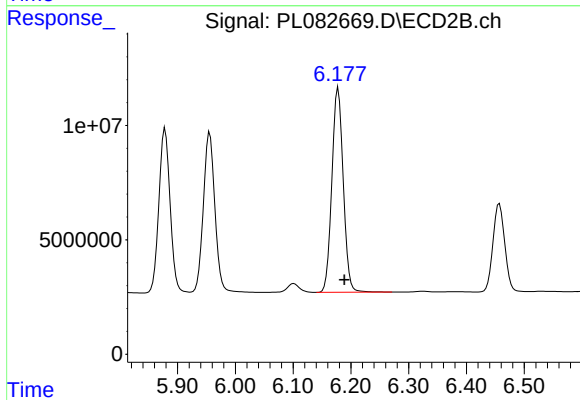
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 124827421
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

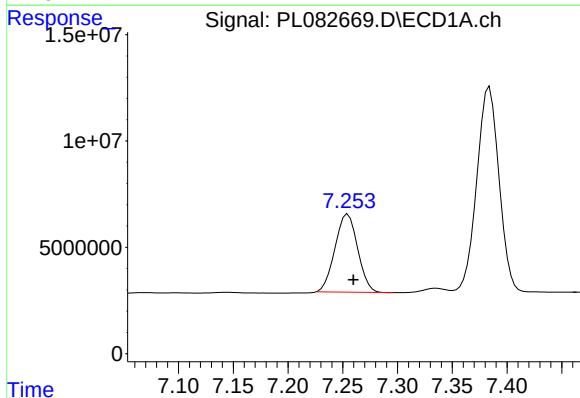
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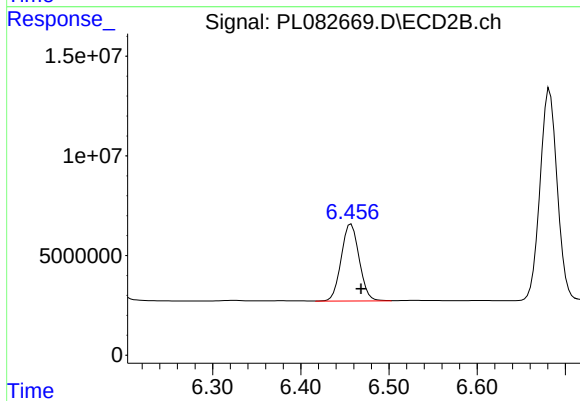
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 122565949
Conc: 52.06 ng/ml



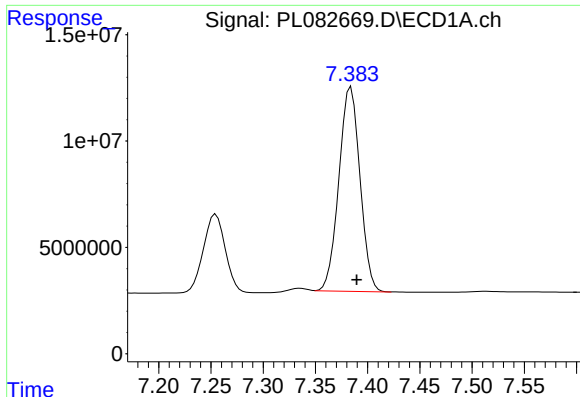
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 52821877
Conc: 43.28 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 54642016
Conc: 45.09 ng/ml m



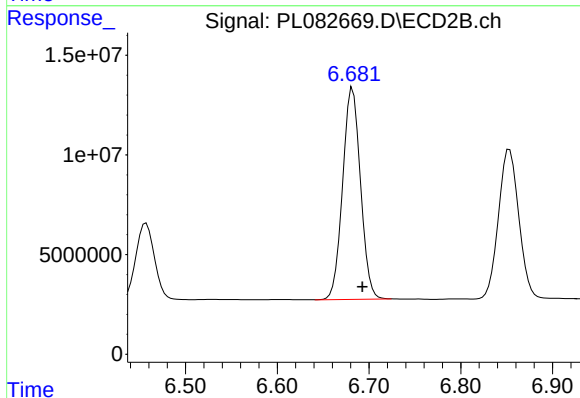
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.007 min
Response: 134937092
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

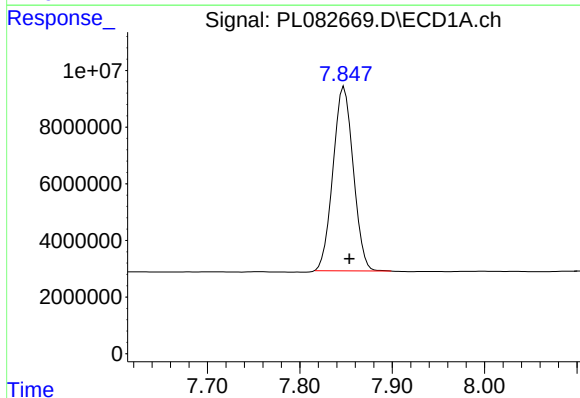
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



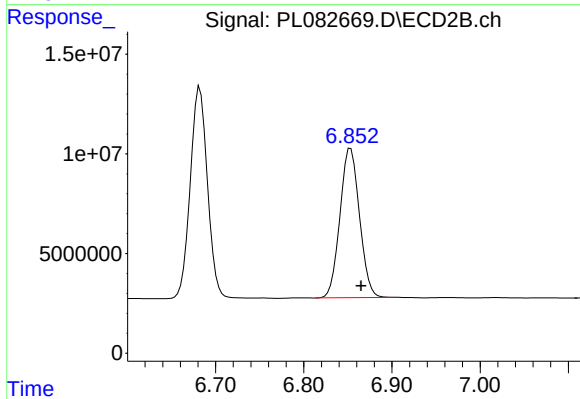
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 143488400
Conc: 56.53 ng/ml m



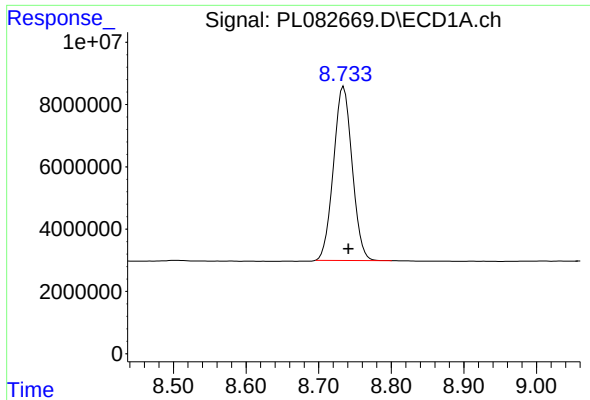
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.006 min
Response: 99179957
Conc: 50.70 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 115072889
Conc: 49.94 ng/ml m



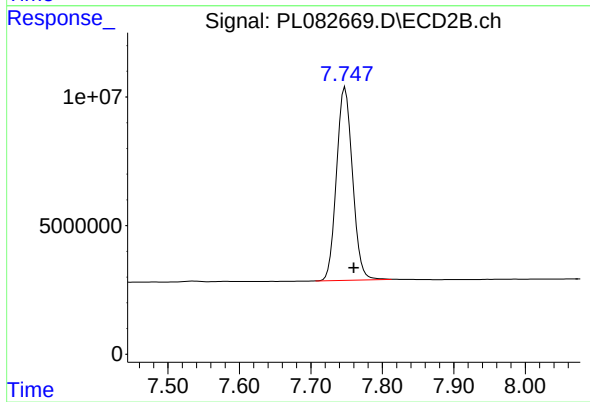
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 99652987
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.013 min
Response: 116670140
Conc: 51.12 ng/ml m