

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 17:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2023
 Supervised By : Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:20:33 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	2.640	146.6E6	124.7E6	54.881	53.830
28)	SA Decachlor...	8.738	7.748	103.7E6	108.2E6	54.327	47.391
Target Compounds							
2)	A alpha-BHC	3.768	3.137	225.4E6	184.6E6	56.638	54.227
3)	MA gamma-BHC...	4.097	3.464	210.8E6	170.4E6	56.390	52.982
4)	MA Heptachlor	4.674	3.795	193.7E6	162.2E6	53.009	47.377
5)	MB Aldrin	5.011	4.071	185.1E6	172.0E6	56.121	54.621
6)	B beta-BHC	4.300	3.763	92456904	68330992	54.211	50.081m
7)	B delta-BHC	4.542	3.990	201.5E6	170.4E6	56.002	55.549
8)	B Heptachlo...	5.438	4.573	168.6E6	151.3E6	55.267	52.512
9)	A Endosulfan I	5.818	4.940	157.4E6	137.9E6	56.772	51.652
10)	B gamma-Chl...	5.692	4.822	178.8E6	154.3E6	59.460	53.182
11)	B alpha-Chl...	5.770	4.884	170.0E6	152.6E6	56.969	52.558
12)	B 4,4'-DDE	5.949	5.073	148.2E6	130.3E6	58.295	56.699m
13)	MA Dieldrin	6.093	5.203	156.3E6	141.9E6	56.632	52.561m
14)	MA Endrin	6.319	5.477	132.6E6	123.8E6	54.697	50.627m
15)	B Endosulfa...	6.542	5.775	130.7E6	117.5E6	53.674	52.138
16)	A 4,4'-DDD	6.464	5.630	123.3E6	110.9E6	60.810	59.307
17)	MA 4,4'-DDT	6.775	5.878	110.6E6	97684645	48.360	46.239
18)	B Endrin al...	6.673	5.955	102.7E6	95138242	54.509	50.839
19)	B Endosulfa...	6.907	6.178	130.4E6	120.0E6	54.975	50.962
20)	A Methoxychlor	7.257	6.456	58670017	55593231	48.077	45.875m
21)	B Endrin ke...	7.386	6.681	131.7E6	130.1E6	55.007	51.253m
22)	Mirex	7.851	6.852	101.0E6	108.6E6	51.615	47.144m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 17:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

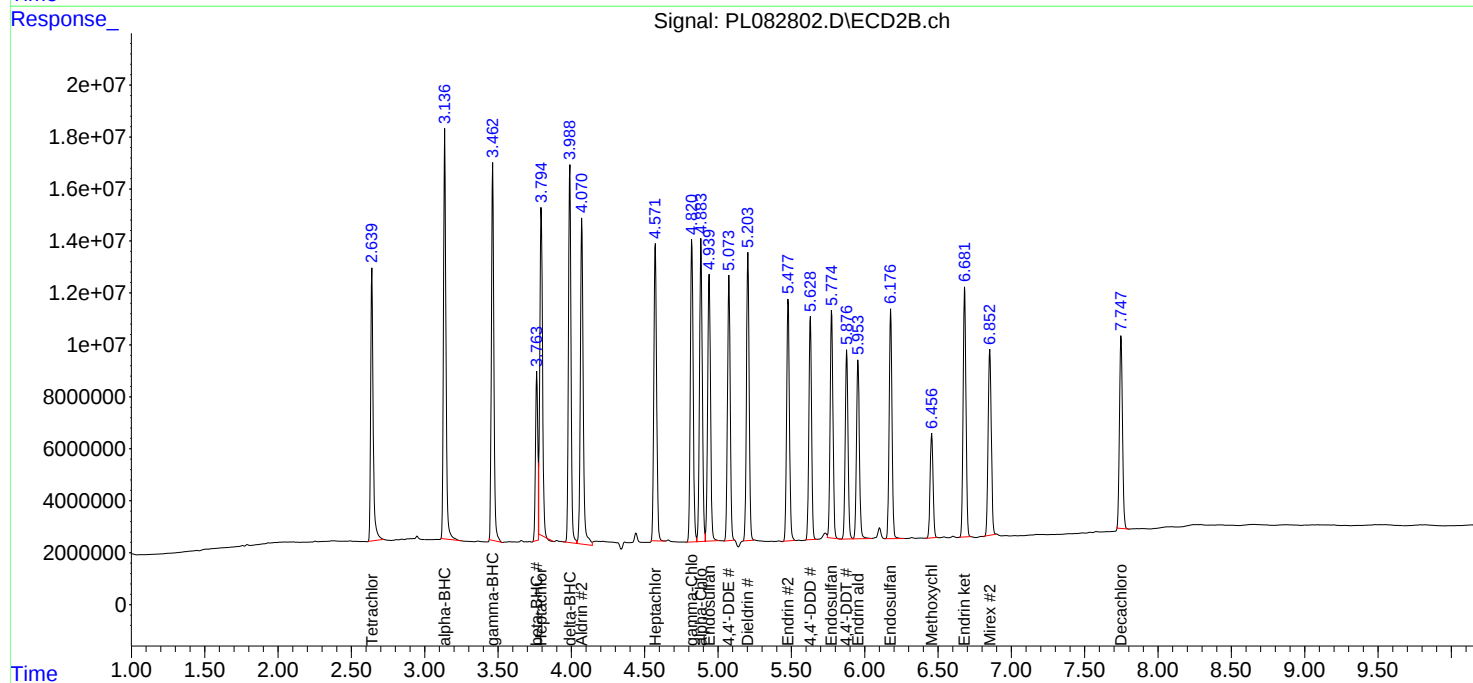
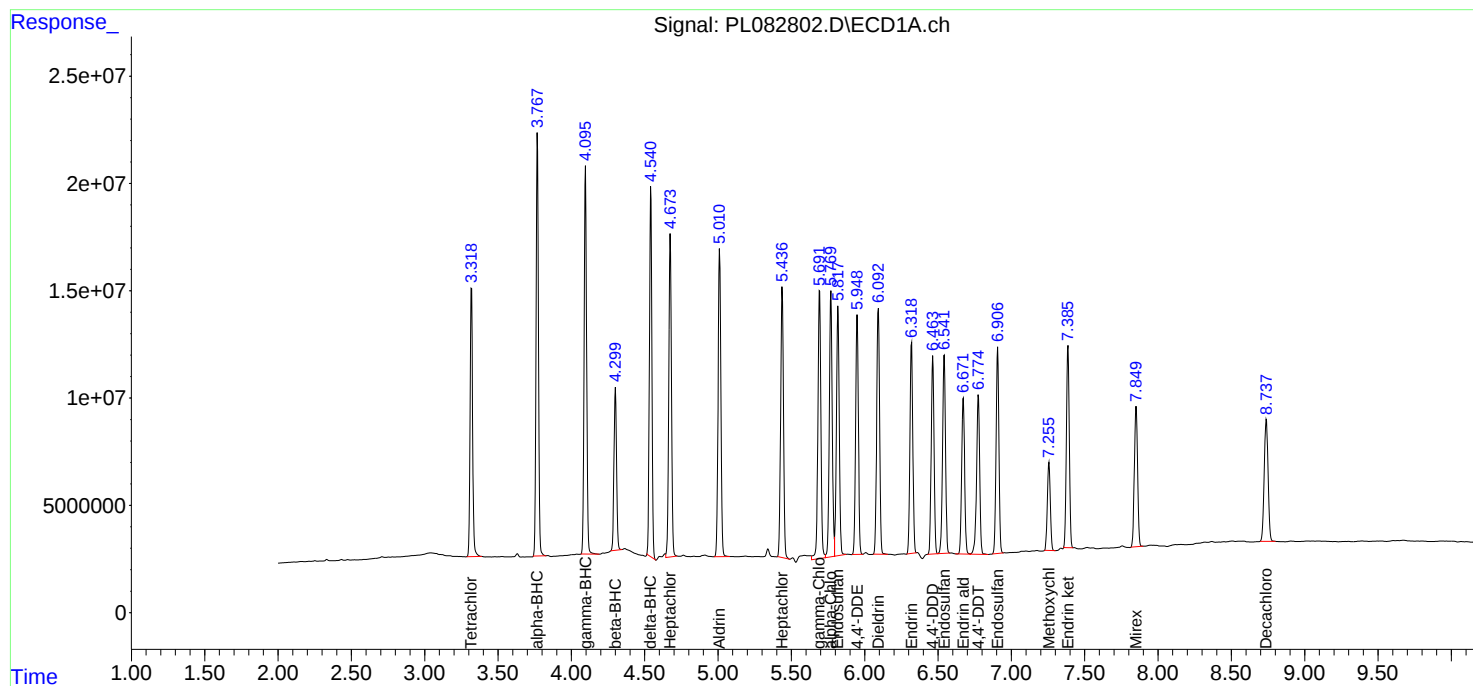
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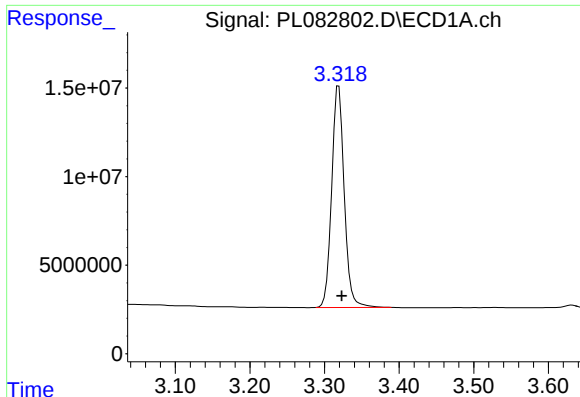
Reviewed By :Abdul Mirza 05/19/2023

Supervised By :Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:20:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





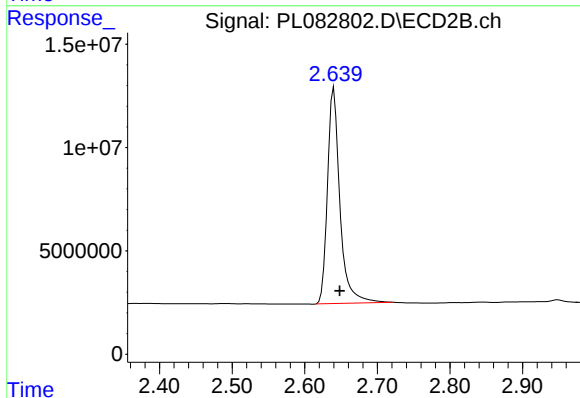
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 146597594
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

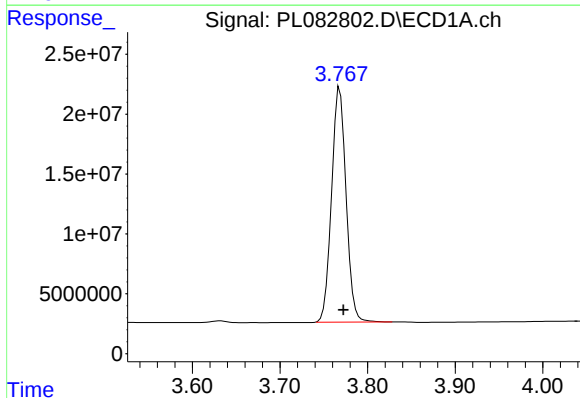
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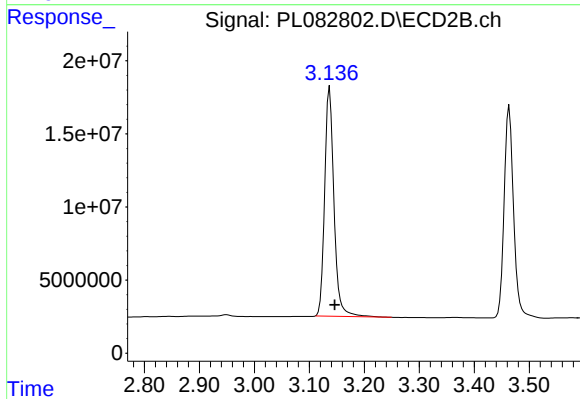
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 124710039
Conc: 53.83 ng/ml



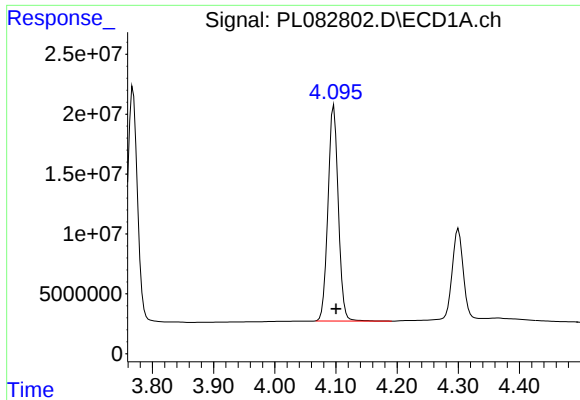
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 225433621
Conc: 56.64 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 184561943
Conc: 54.23 ng/ml



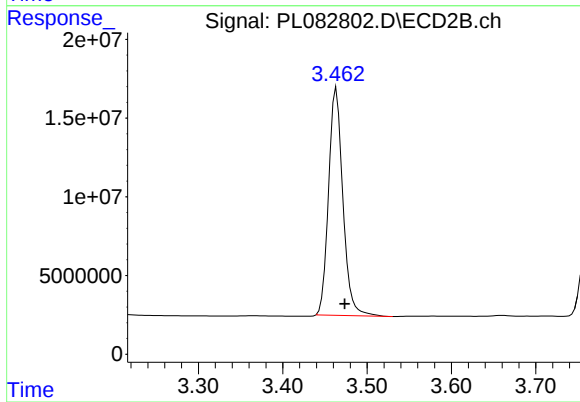
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.004 min
Response: 210837339
Conc: 56.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

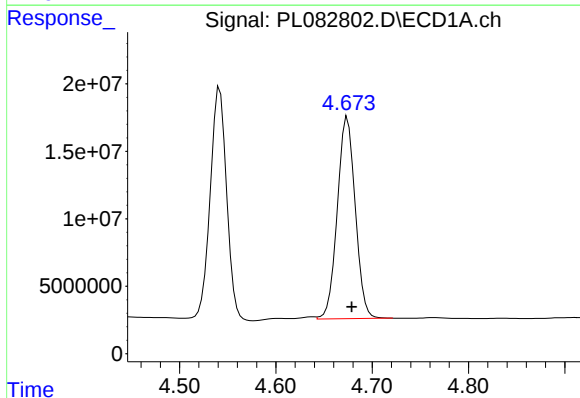
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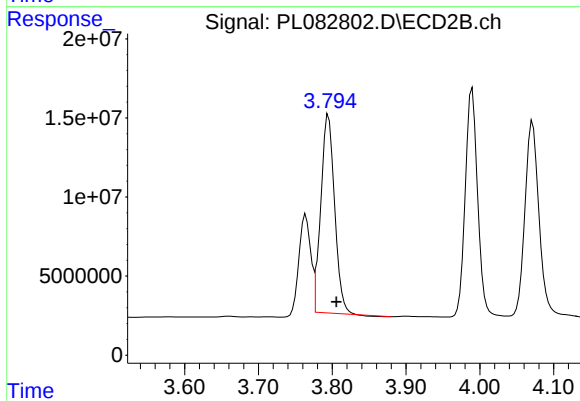
#3 gamma-BHC (Lindane)

R.T.: 3.464 min
Delta R.T.: -0.010 min
Response: 170352055
Conc: 52.98 ng/ml



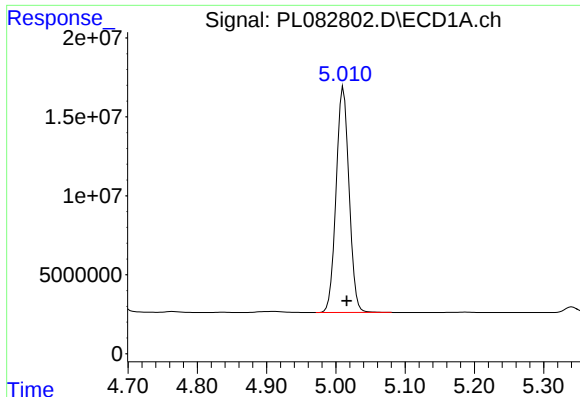
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 193690351
Conc: 53.01 ng/ml



#4 Heptachlor

R.T.: 3.795 min
Delta R.T.: -0.011 min
Response: 162182354
Conc: 47.38 ng/ml



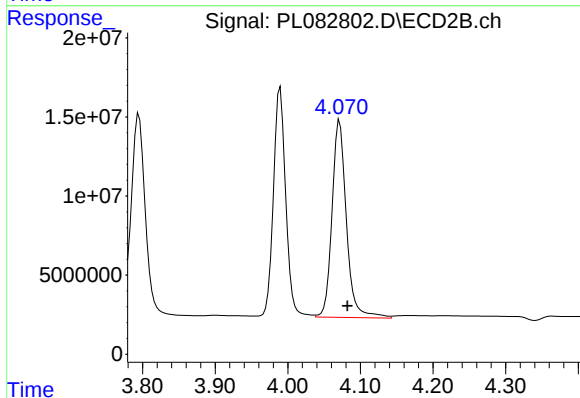
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 185062713
Conc: 56.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

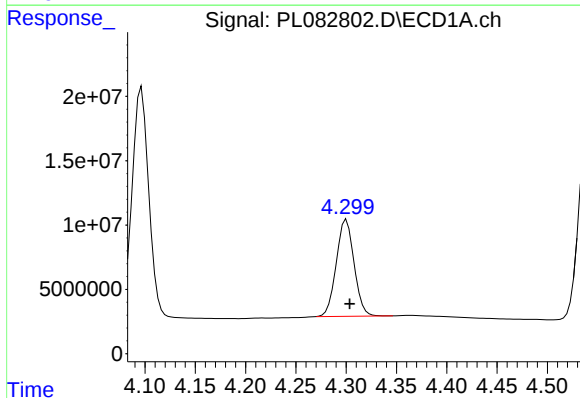
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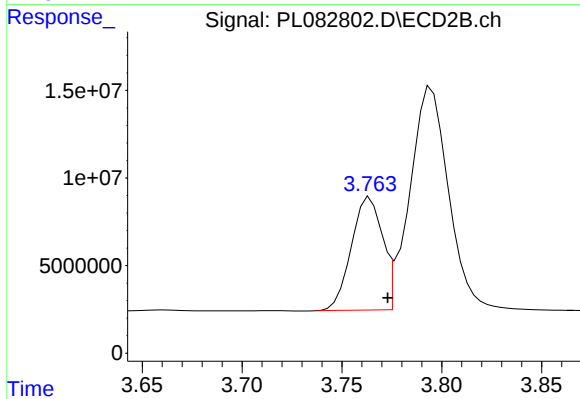
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 172047371
Conc: 54.62 ng/ml



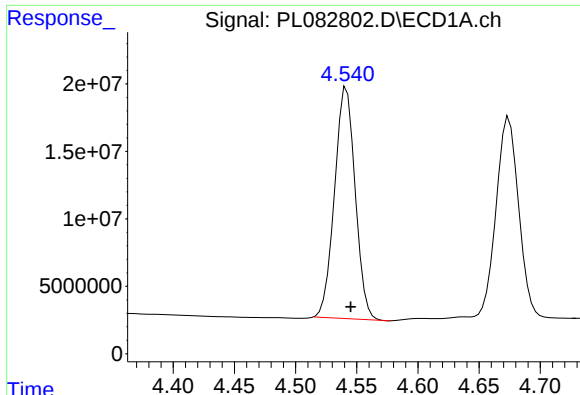
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 92456904
Conc: 54.21 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 68330992
Conc: 50.08 ng/ml m



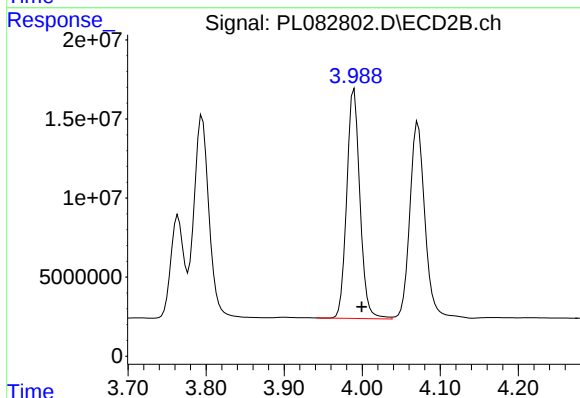
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 201483803
Conc: 56.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

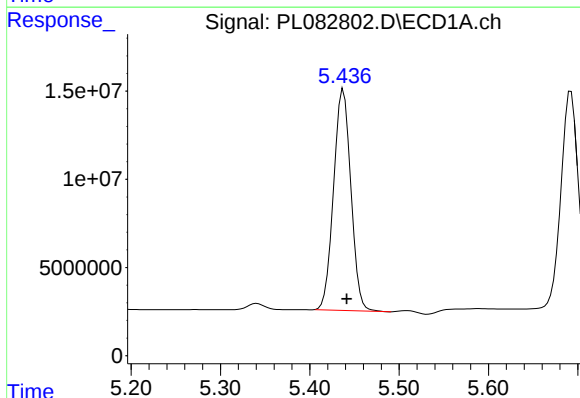
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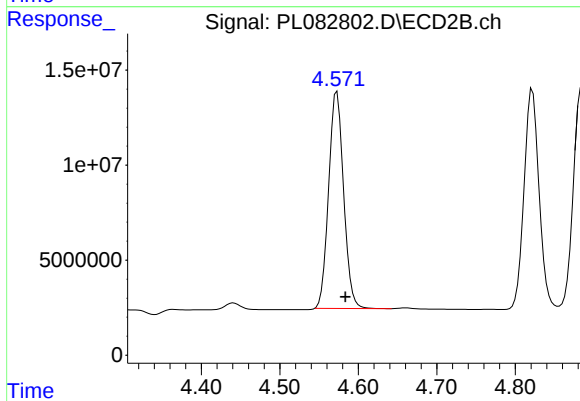
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.010 min
Response: 170389990
Conc: 55.55 ng/ml



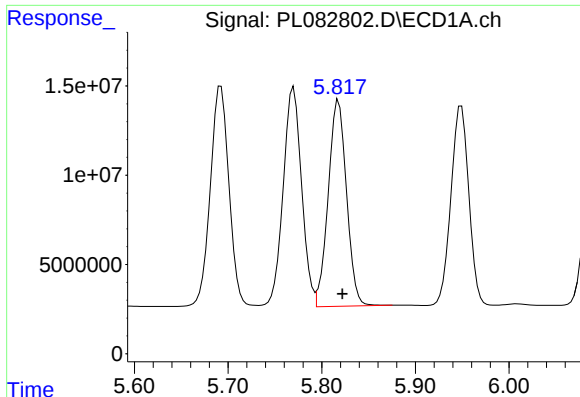
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.004 min
Response: 168584095
Conc: 55.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.011 min
Response: 151282265
Conc: 52.51 ng/ml



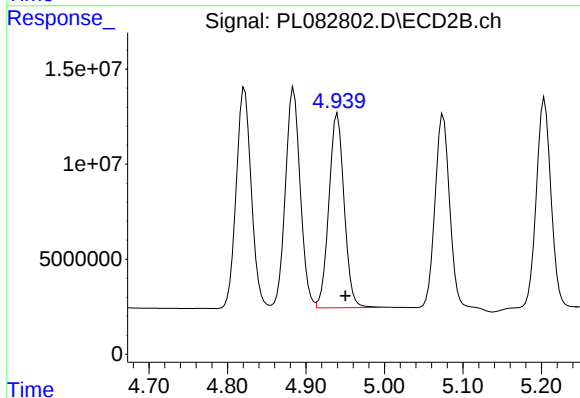
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 157412030
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/19/2023



#9 Endosulfan I

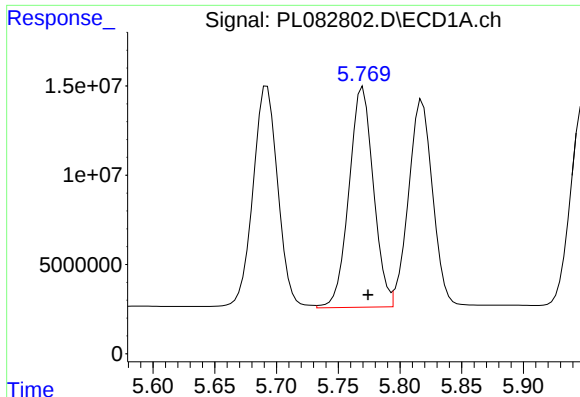
R.T.: 4.940 min
Delta R.T.: -0.010 min
Response: 137882859
Conc: 51.65 ng/ml

#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 178788717
Conc: 59.46 ng/ml

#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.011 min
Response: 154325353
Conc: 53.18 ng/ml



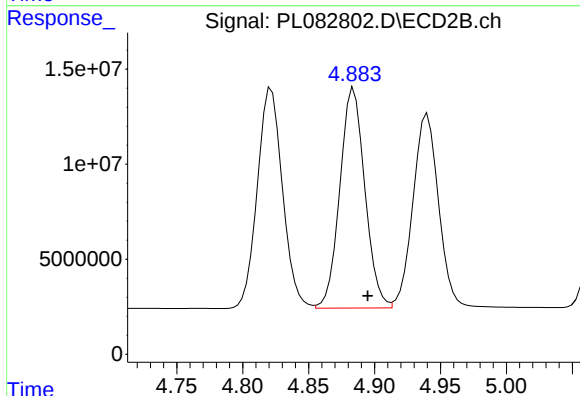
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 170028689
Conc: 56.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

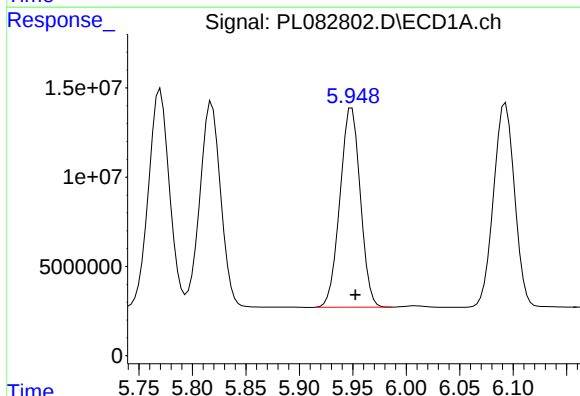
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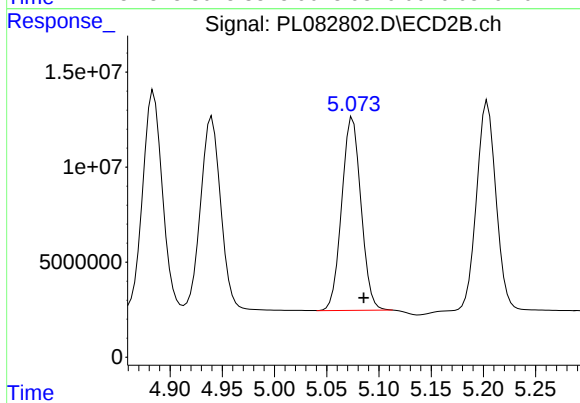
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: -0.011 min
Response: 152566023
Conc: 52.56 ng/ml



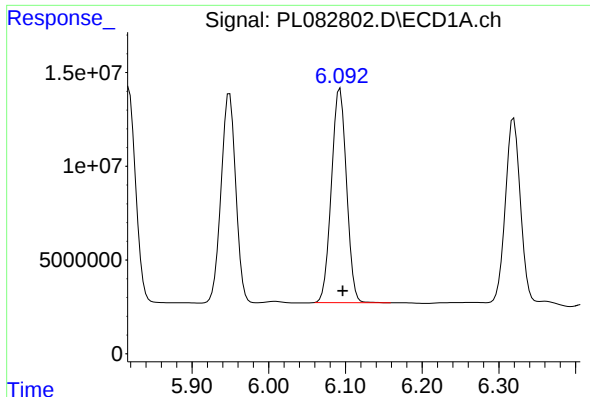
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 148187644
Conc: 58.29 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.012 min
Response: 130349031
Conc: 56.70 ng/ml m



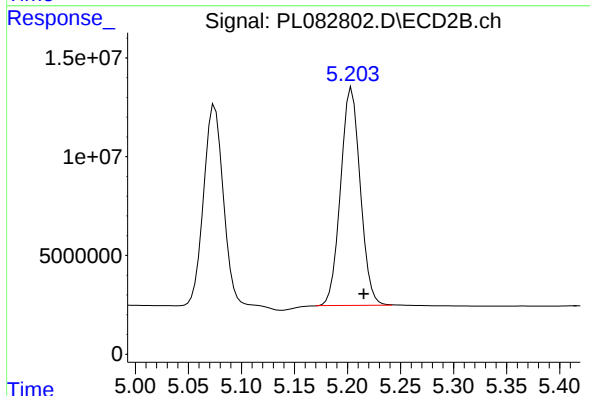
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 156254417
Conc: 56.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

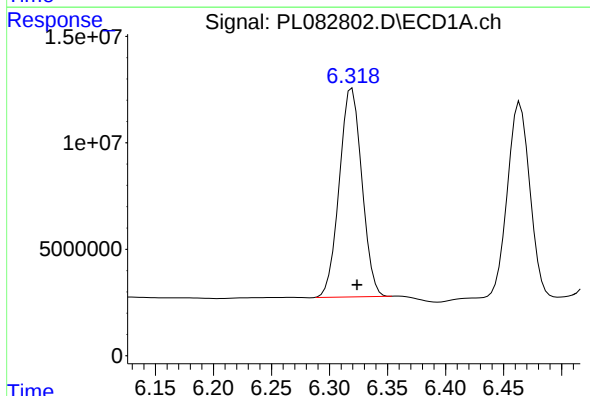
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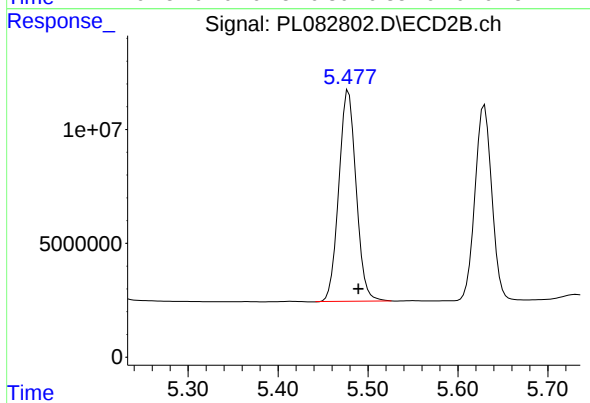
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.013 min
Response: 141935465
Conc: 52.56 ng/ml m



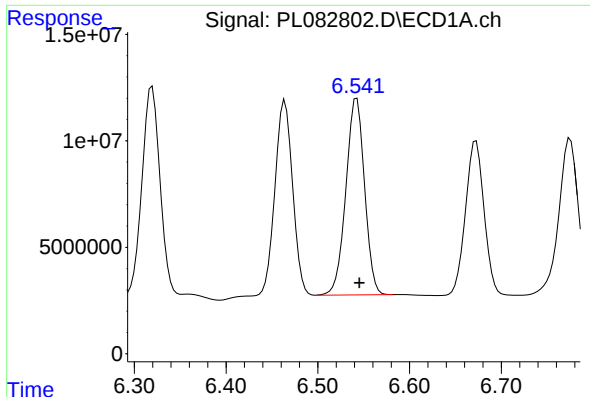
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 132616499
Conc: 54.70 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.013 min
Response: 123831082
Conc: 50.63 ng/ml m



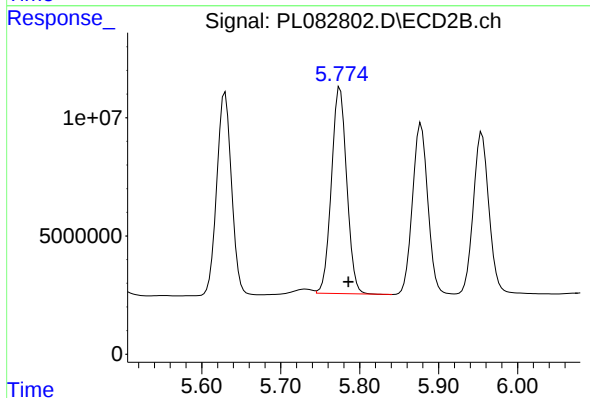
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 130672472
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

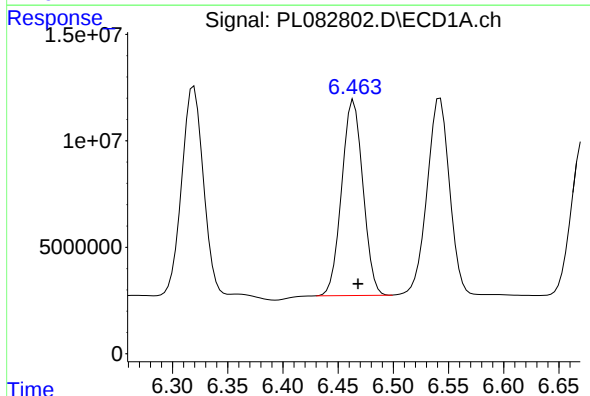
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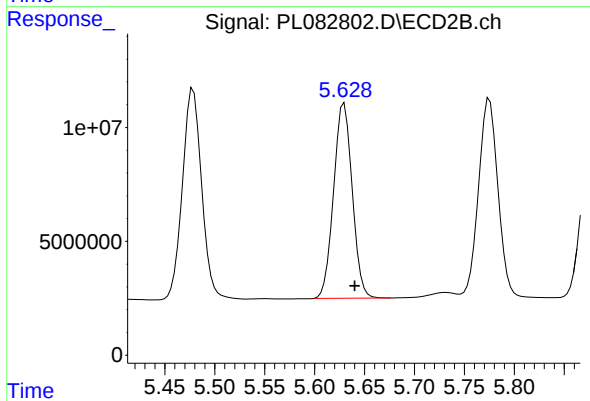
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: -0.010 min
Response: 117525299
Conc: 52.14 ng/ml



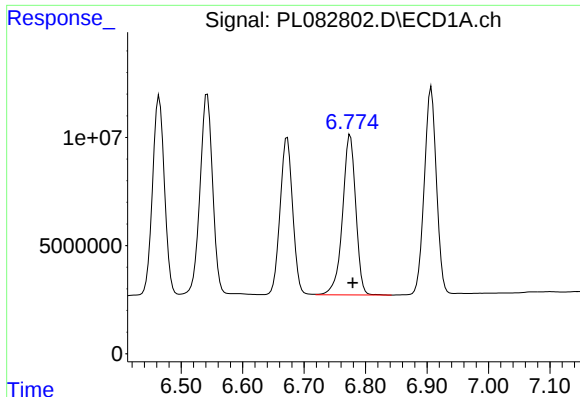
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 123274564
Conc: 60.81 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.011 min
Response: 110927542
Conc: 59.31 ng/ml



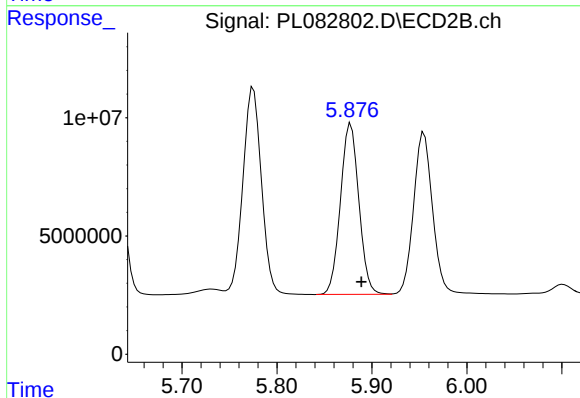
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 110633100
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

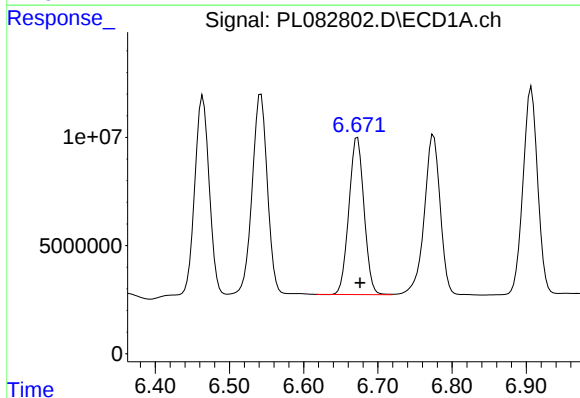
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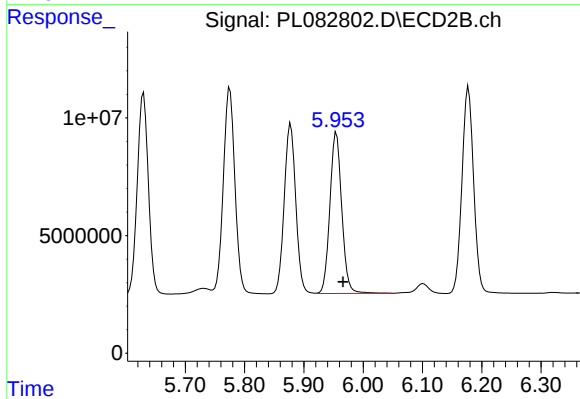
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 97684645
Conc: 46.24 ng/ml



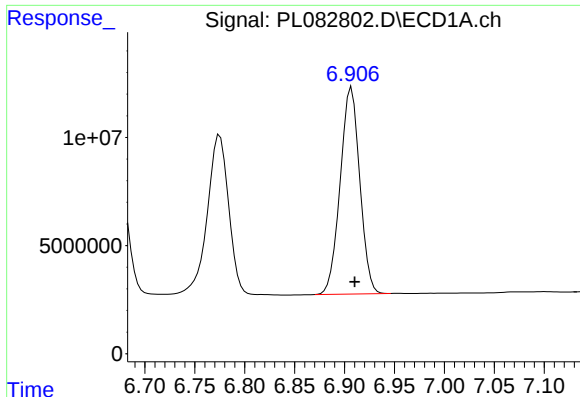
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 102703561
Conc: 54.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.012 min
Response: 95138242
Conc: 50.84 ng/ml



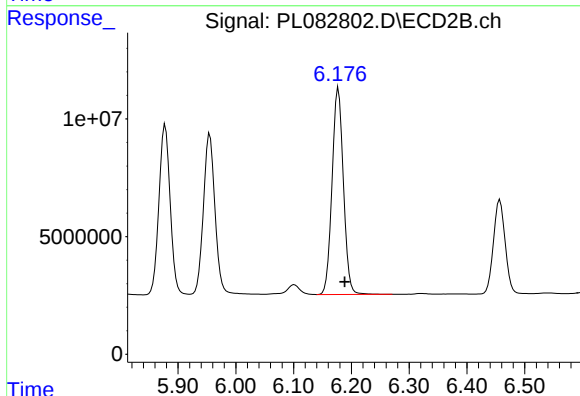
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 130376302
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

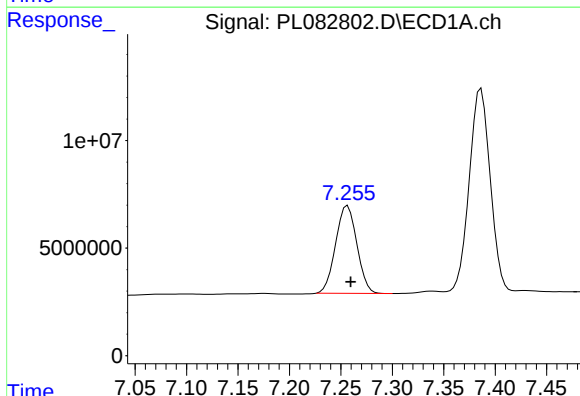
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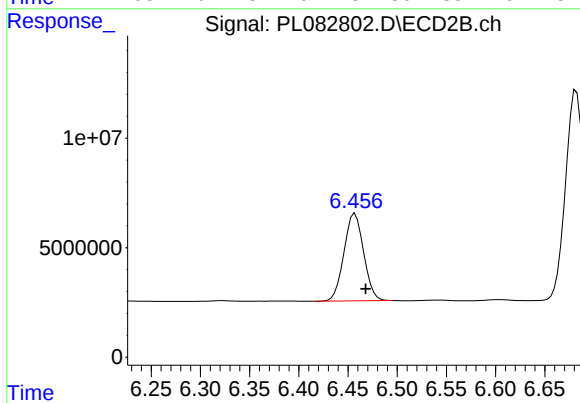
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 119978054
Conc: 50.96 ng/ml



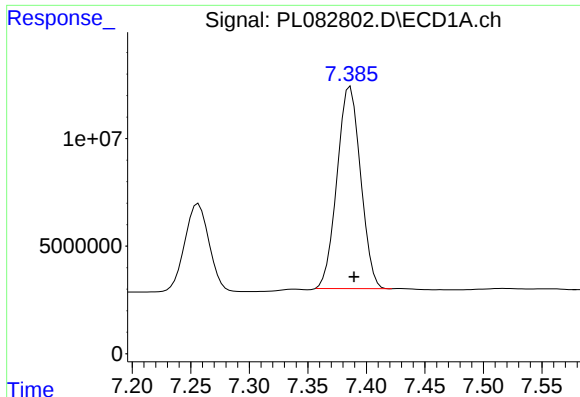
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 58670017
Conc: 48.08 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 55593231
Conc: 45.88 ng/ml m



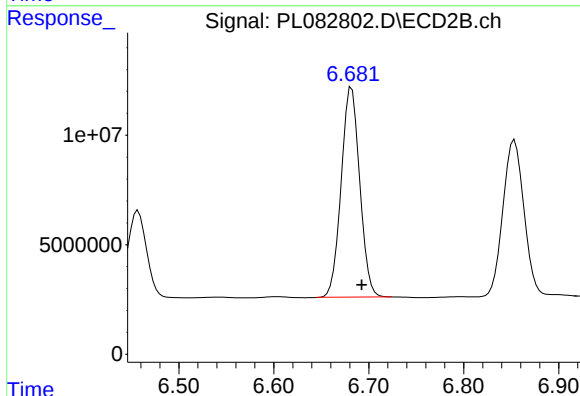
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 131709729
Conc: 55.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

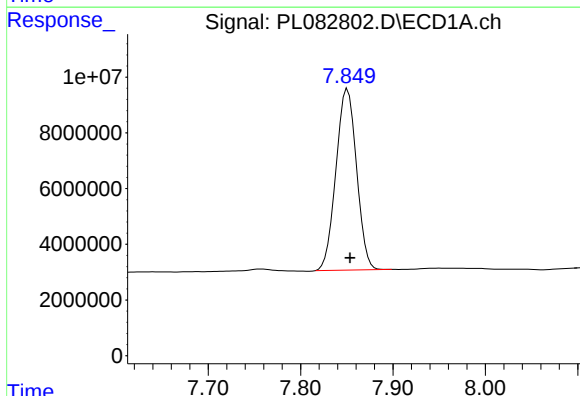
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Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



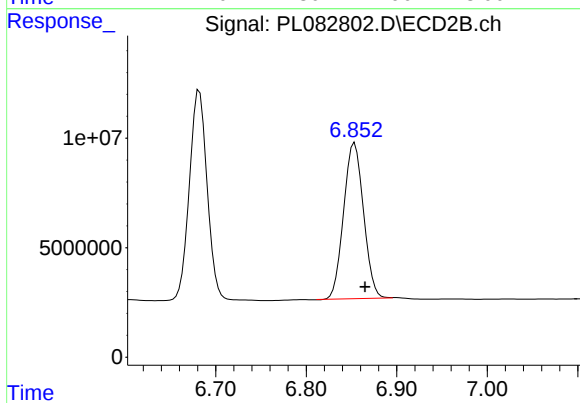
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 130088293
Conc: 51.25 ng/ml m



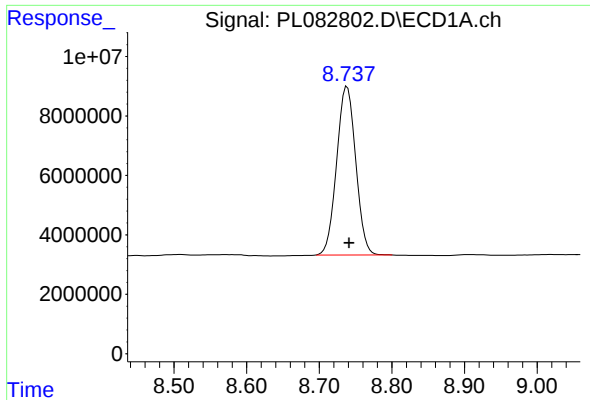
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 100976061
Conc: 51.62 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 108633031
Conc: 47.14 ng/ml m



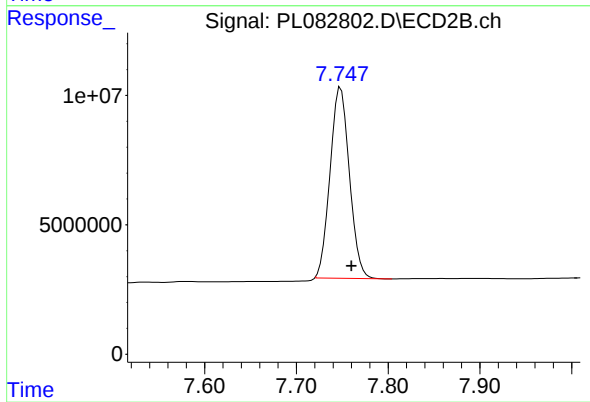
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 103714152
Conc: 54.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 108170161
Conc: 47.39 ng/ml