

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
 Data File : PL082401.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2023 09:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2023
 Supervised By : Ankita Jodhani 05/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 13:51:25 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...	3.333	2.646	138.8E6	115.1E6	51.955	49.662
28)	SA Decachlor...	8.758	7.763	96109497	95233638	50.343m	41.723m
Target Compounds							
2)	A alpha-BHC	3.783	3.145	214.0E6	169.9E6	53.758	49.920
3)	MA gamma-BHC...	4.111	3.472	197.5E6	157.8E6	52.828	49.076
4)	MA Heptachlor	4.691	3.805	192.4E6	167.2E6	52.656	48.854
5)	MB Aldrin	5.028	4.082	174.9E6	153.6E6	53.050	48.768
6)	B beta-BHC	4.316	3.773	84013659	65370917	49.260	47.912
7)	B delta-BHC	4.557	3.999	192.4E6	148.8E6	53.470	48.510
8)	B Heptachlo...	5.454	4.584	156.5E6	138.4E6	51.316	48.044
9)	A Endosulfan I	5.835	4.953	144.6E6	128.8E6	52.134	48.263
10)	B gamma-Chl...	5.709	4.833	158.0E6	139.8E6	52.559	48.187
11)	B alpha-Chl...	5.787	4.896	154.9E6	139.4E6	51.895	48.017
12)	B 4,4'-DDE	5.966	5.087	136.7E6	113.4E6	53.758	49.338
13)	MA Dieldrin	6.110	5.217	148.0E6	130.5E6	53.642	48.330
14)	MA Endrin	6.336	5.492	127.8E6	118.0E6	52.705m	48.250
15)	B Endosulfa...	6.558	5.787	121.0E6	108.7E6	49.707m	48.222m
16)	A 4,4'-DDD	6.482	5.643	110.7E6	93674943	54.605	50.083
17)	MA 4,4'-DDT	6.793	5.892	119.2E6	103.0E6	52.091	48.767
18)	B Endrin al...	6.688	5.969	97046976	87295810	51.506m	46.648
19)	B Endosulfa...	6.923	6.192	124.2E6	111.8E6	52.382m	47.504
20)	A Methoxychlor	7.273	6.472	63353396	57740524	51.915m	47.647
21)	B Endrin ke...	7.403	6.697	128.4E6	122.7E6	53.620m	48.355
22)	Mirex	7.867	6.869	98771552	107.6E6	50.488m	46.717

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
Data File : PL082401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2023 09:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

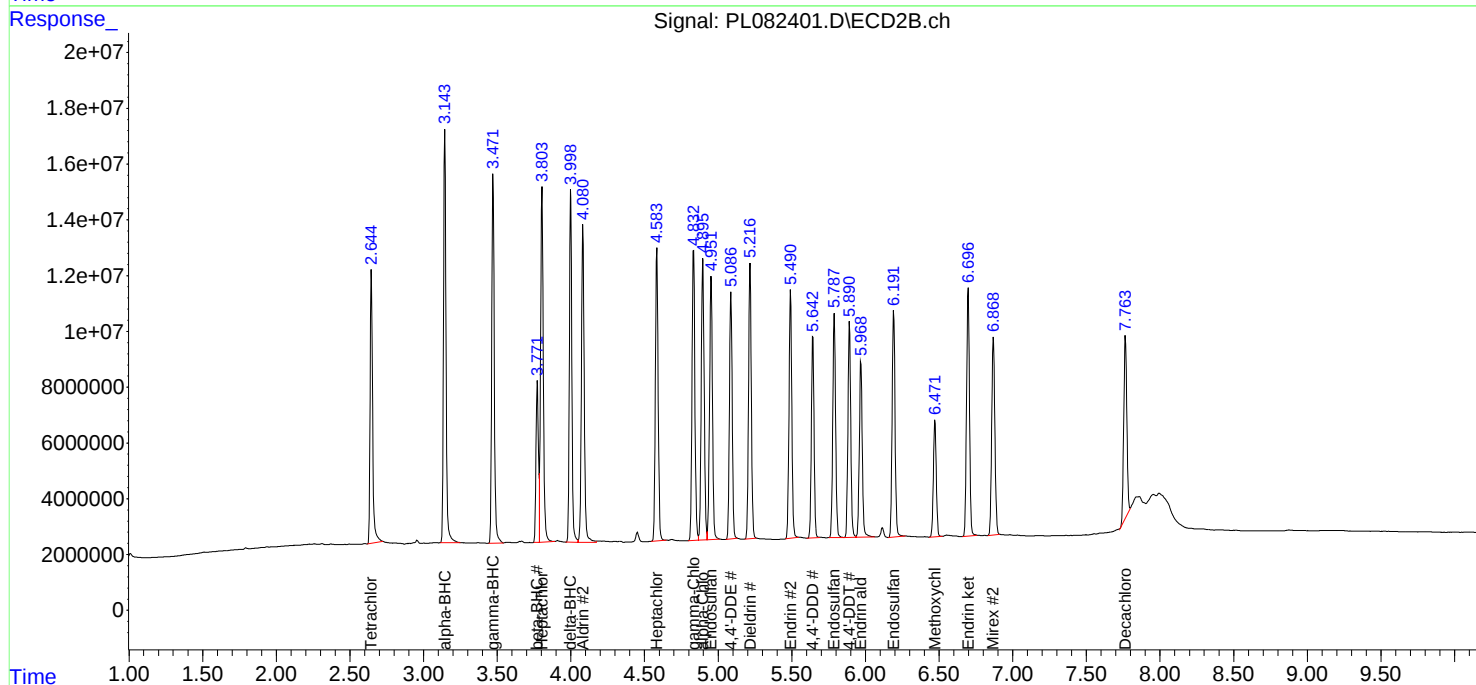
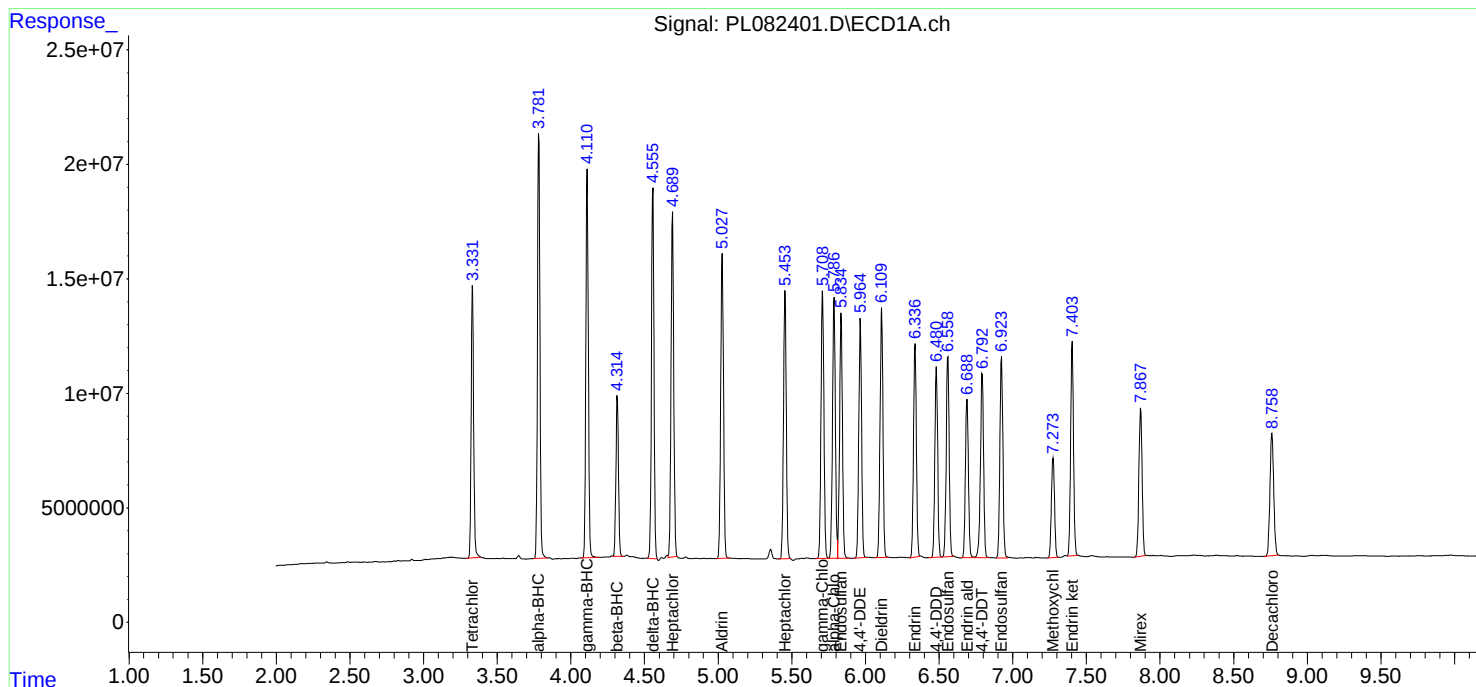
APPROVED

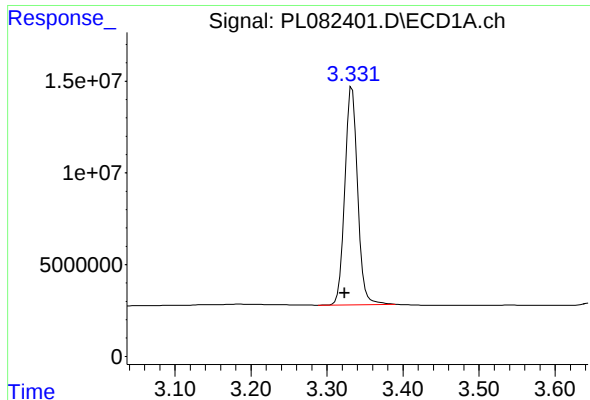
Reviewed By :Abdul Mirza 05/02/2023

Supervised By :Ankita Jodhani 05/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 13:51:25 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





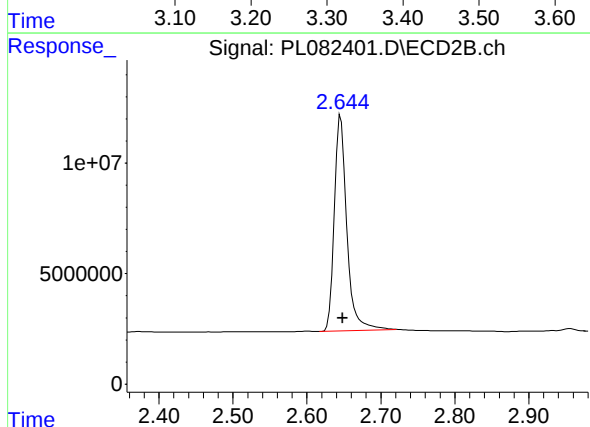
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: 0.010 min
Response: 138783297
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

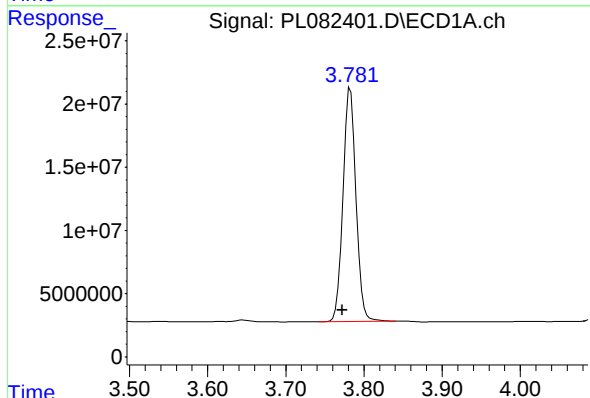
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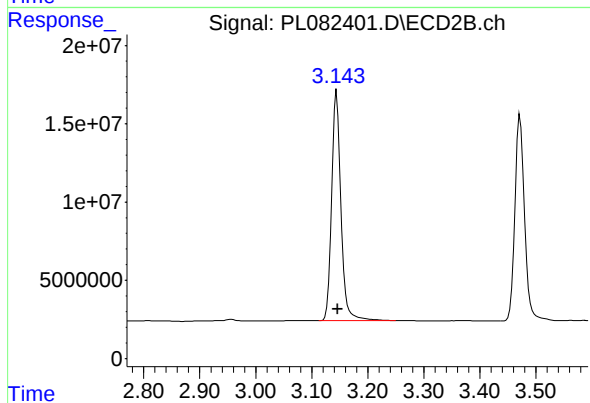
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 115054535
Conc: 49.66 ng/ml



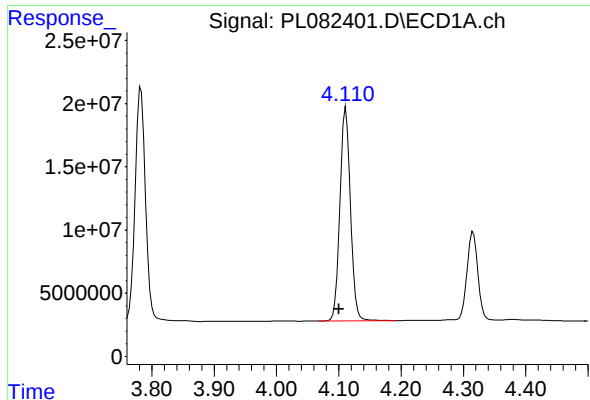
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.010 min
Response: 213969886
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 3.145 min
Delta R.T.: -0.002 min
Response: 169900754
Conc: 49.92 ng/ml



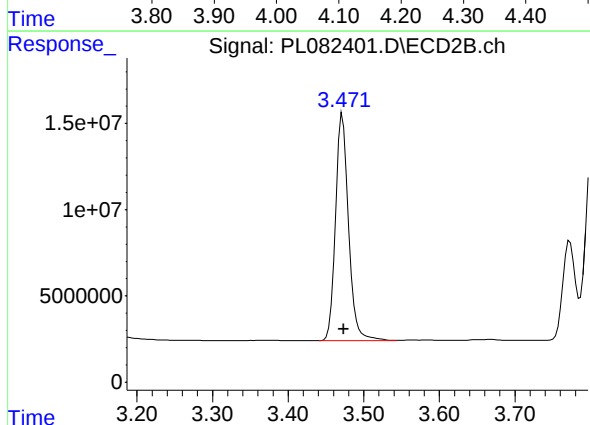
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.011 min
Response: 197521025
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

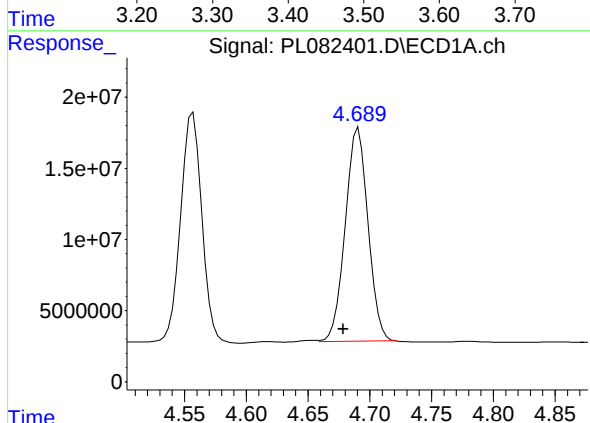
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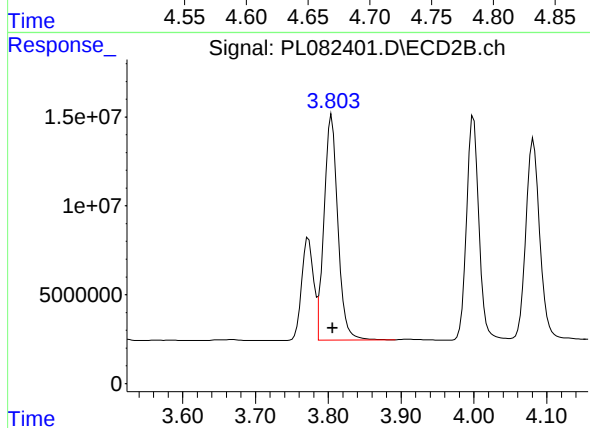
#3 gamma-BHC (Lindane)

R.T.: 3.472 min
Delta R.T.: -0.002 min
Response: 157793731
Conc: 49.08 ng/ml



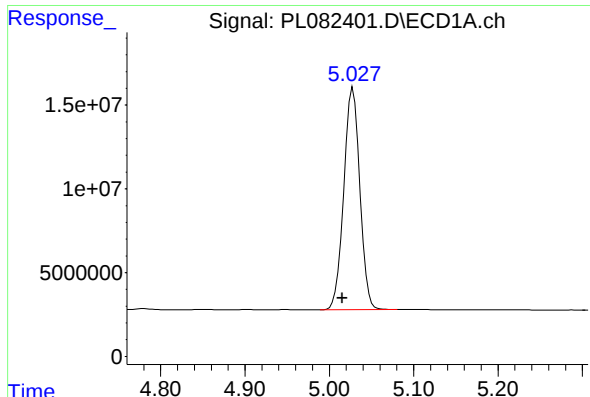
#4 Heptachlor

R.T.: 4.691 min
Delta R.T.: 0.012 min
Response: 192401146
Conc: 52.66 ng/ml



#4 Heptachlor

R.T.: 3.805 min
Delta R.T.: -0.001 min
Response: 167240384
Conc: 48.85 ng/ml



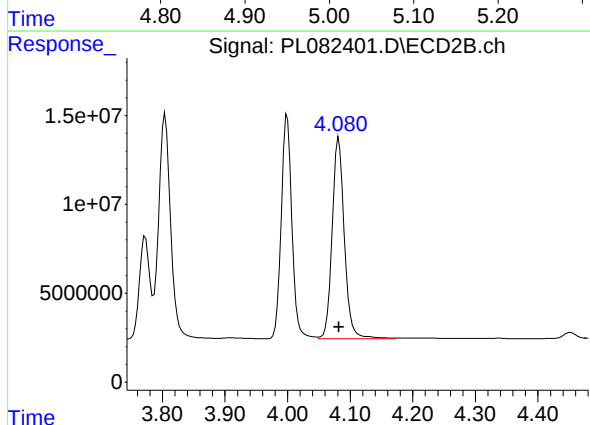
#5 Aldrin

R.T.: 5.028 min
Delta R.T.: 0.012 min
Response: 174938396
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

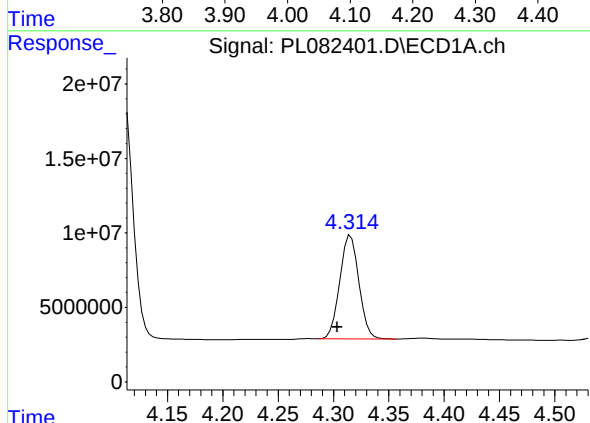
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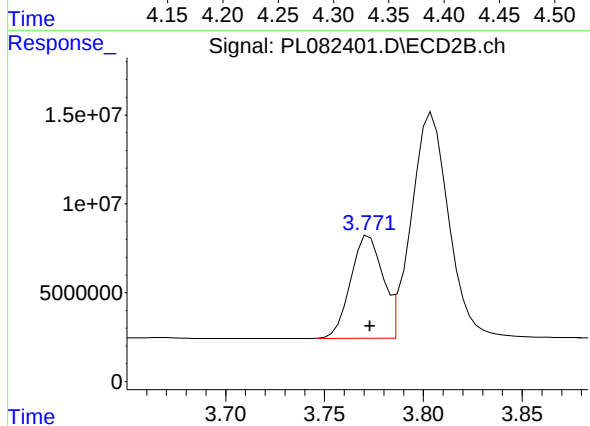
#5 Aldrin

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 153613915
Conc: 48.77 ng/ml



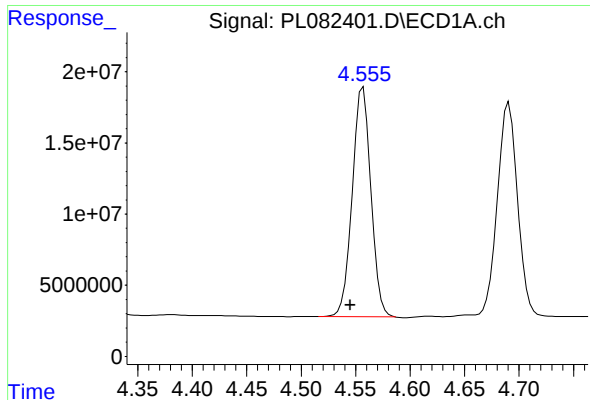
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.012 min
Response: 84013659
Conc: 49.26 ng/ml



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 65370917
Conc: 47.91 ng/ml



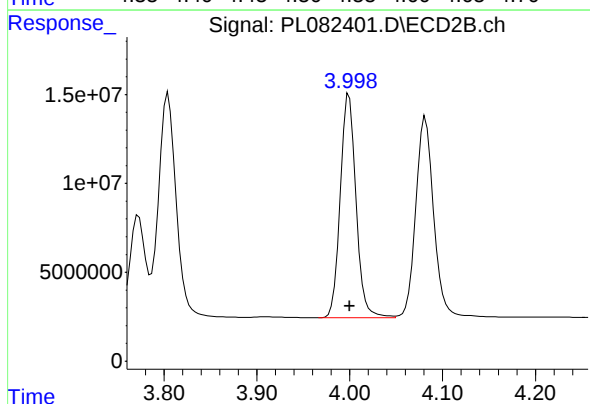
#7 delta-BHC

R.T.: 4.557 min
Delta R.T.: 0.012 min
Response: 192373697
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

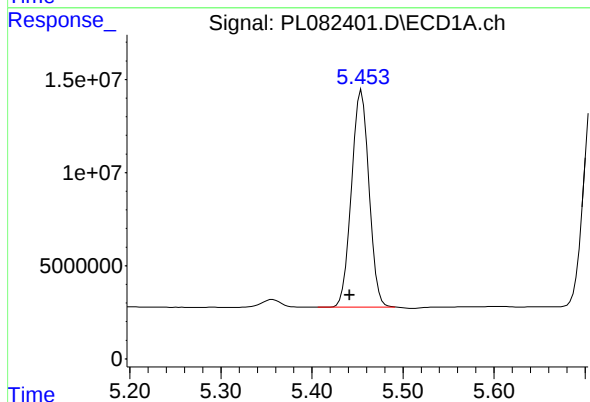
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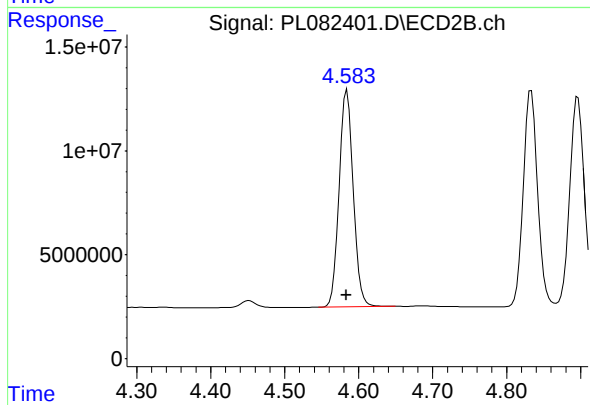
#7 delta-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 148798368
Conc: 48.51 ng/ml



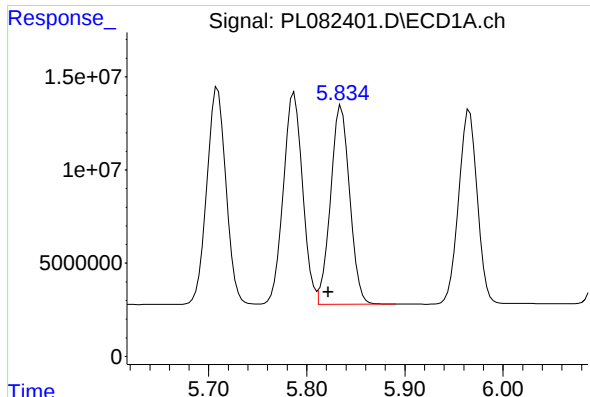
#8 Heptachlor epoxide

R.T.: 5.454 min
Delta R.T.: 0.013 min
Response: 156531203
Conc: 51.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 138409856
Conc: 48.04 ng/ml



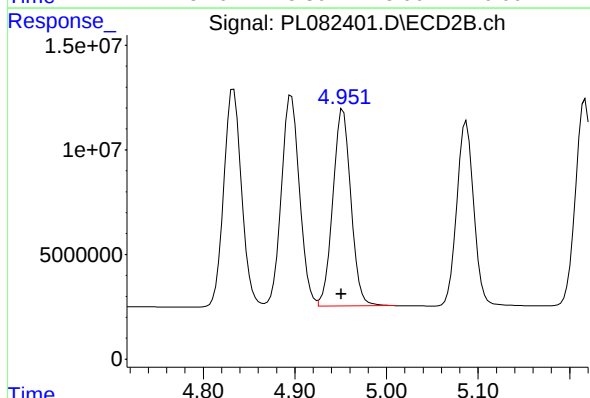
#9 Endosulfan I

R.T.: 5.835 min
Delta R.T.: 0.013 min
Response: 144553115
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

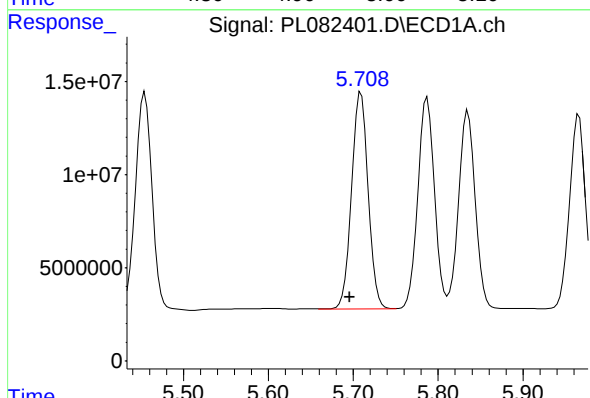
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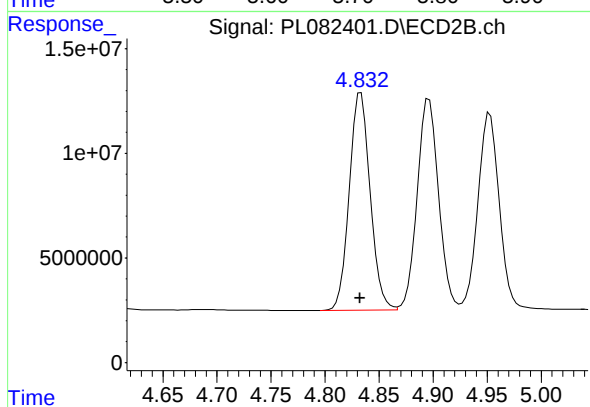
#9 Endosulfan I

R.T.: 4.953 min
Delta R.T.: 0.002 min
Response: 128834429
Conc: 48.26 ng/ml



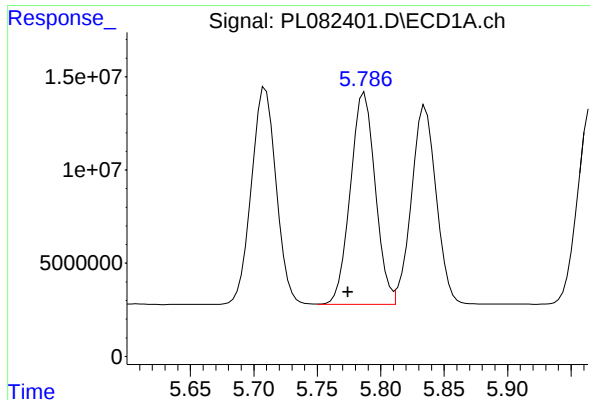
#10 gamma-Chlordane

R.T.: 5.709 min
Delta R.T.: 0.013 min
Response: 158036630
Conc: 52.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 139831230
Conc: 48.19 ng/ml



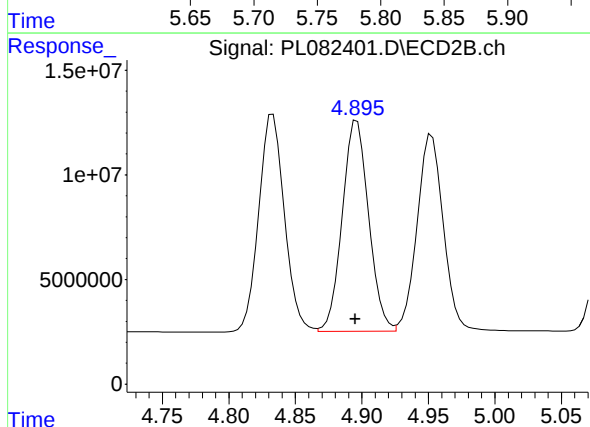
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: 0.013 min
Response: 154886822
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

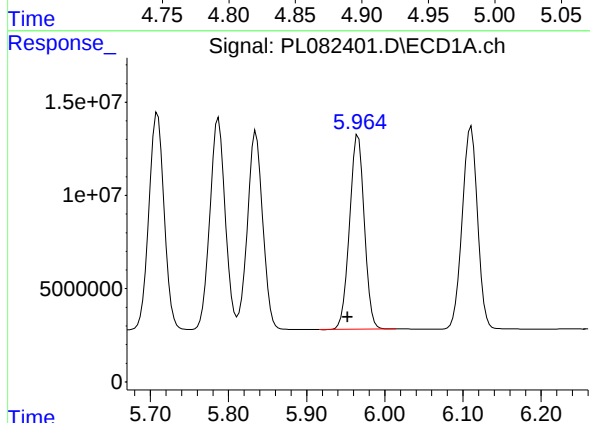
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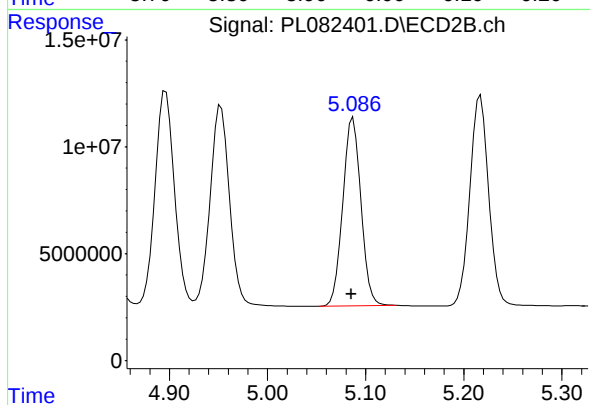
#11 alpha-Chlordane

R.T.: 4.896 min
Delta R.T.: 0.001 min
Response: 139384502
Conc: 48.02 ng/ml



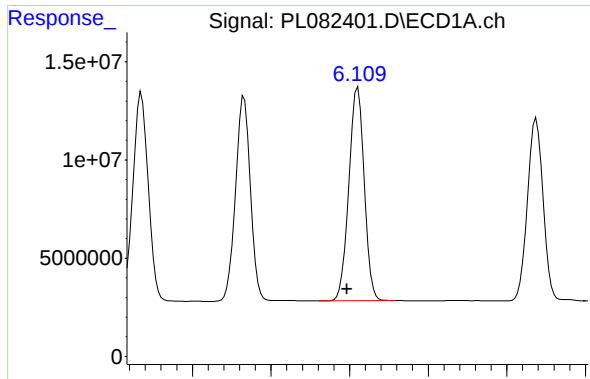
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: 0.014 min
Response: 136653867
Conc: 53.76 ng/ml



#12 4,4'-DDE

R.T.: 5.087 min
Delta R.T.: 0.002 min
Response: 113426601
Conc: 49.34 ng/ml



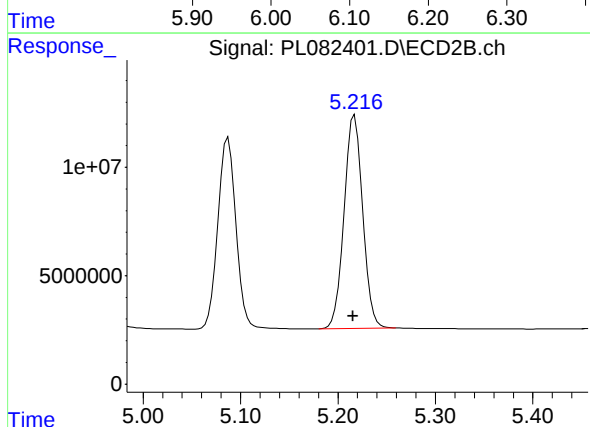
#13 Dieldrin

R.T.: 6.110 min
Delta R.T.: 0.014 min
Response: 148004828
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

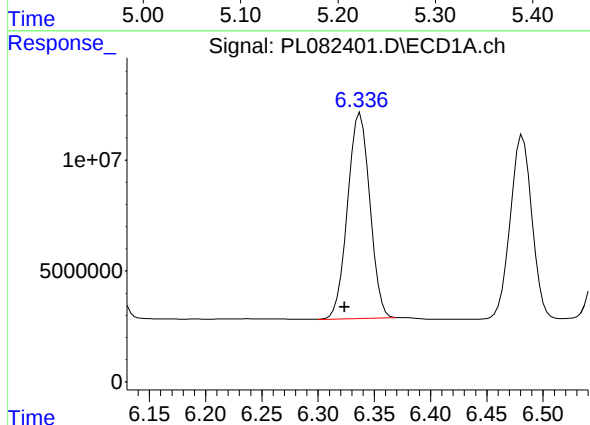
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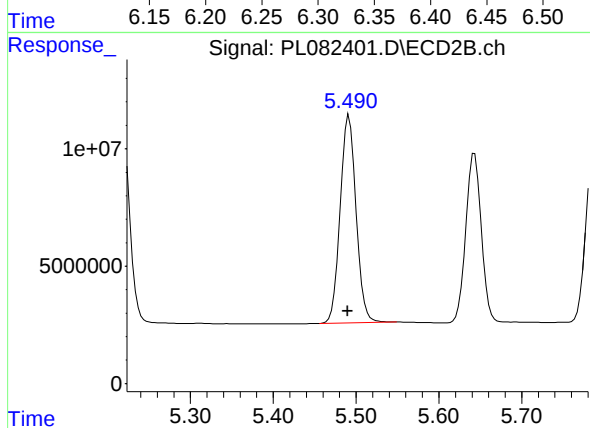
#13 Dieldrin

R.T.: 5.217 min
Delta R.T.: 0.002 min
Response: 130510681
Conc: 48.33 ng/ml



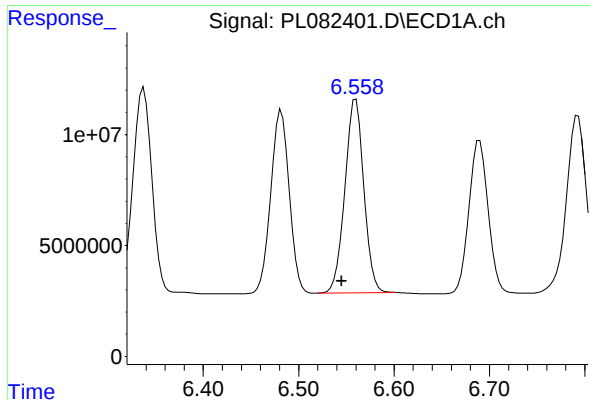
#14 Endrin

R.T.: 6.336 min
Delta R.T.: 0.012 min
Response: 127787092
Conc: 52.71 ng/ml m



#14 Endrin

R.T.: 5.492 min
Delta R.T.: 0.002 min
Response: 118017119
Conc: 48.25 ng/ml



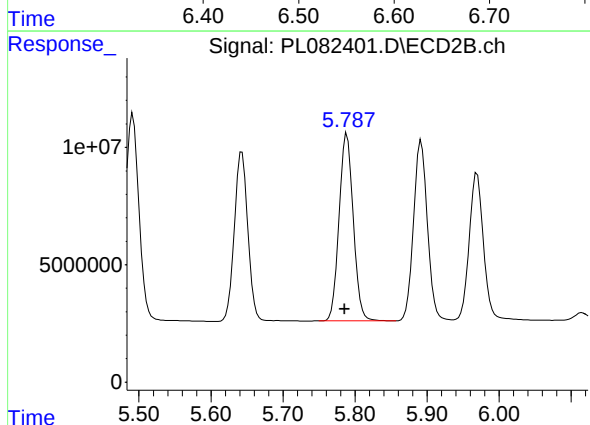
#15 Endosulfan II

R.T.: 6.558 min
Delta R.T.: 0.013 min
Response: 121014766
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

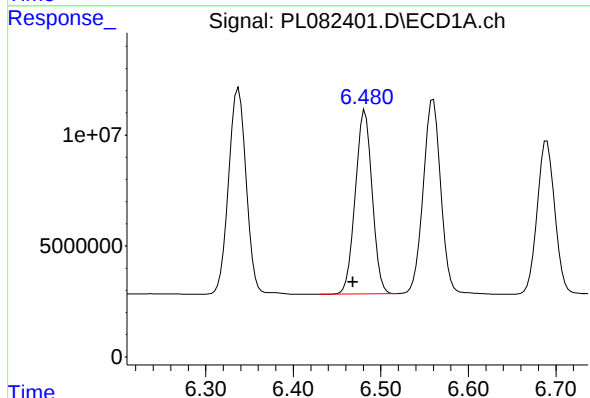
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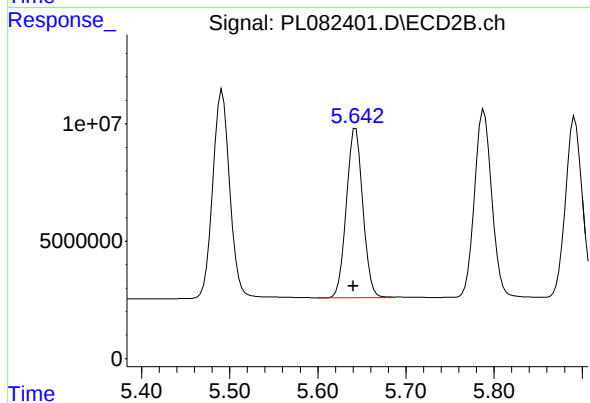
#15 Endosulfan II

R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: 108696908
Conc: 48.22 ng/ml



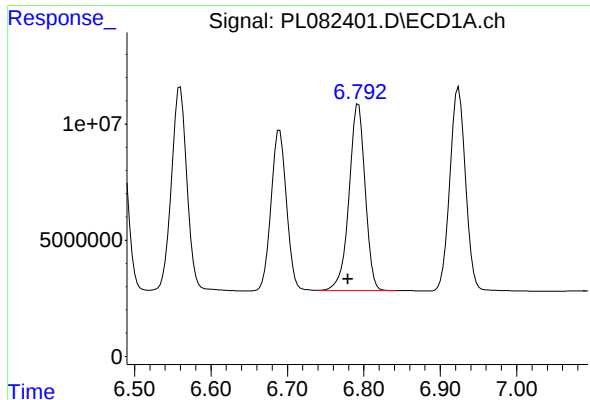
#16 4,4'-DDD

R.T.: 6.482 min
Delta R.T.: 0.014 min
Response: 110696021
Conc: 54.61 ng/ml



#16 4,4'-DDD

R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 93674943
Conc: 50.08 ng/ml



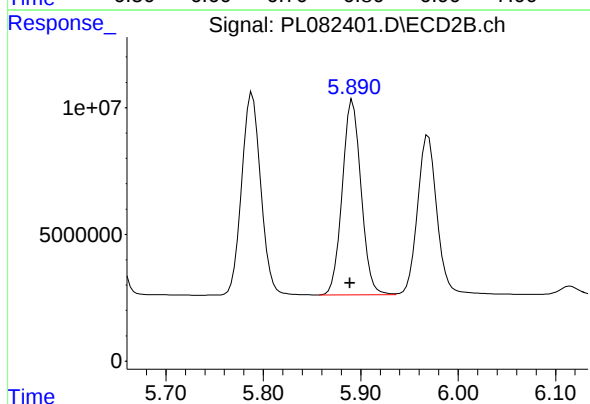
#17 4,4'-DDT

R.T.: 6.793 min
Delta R.T.: 0.014 min
Response: 119169321
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

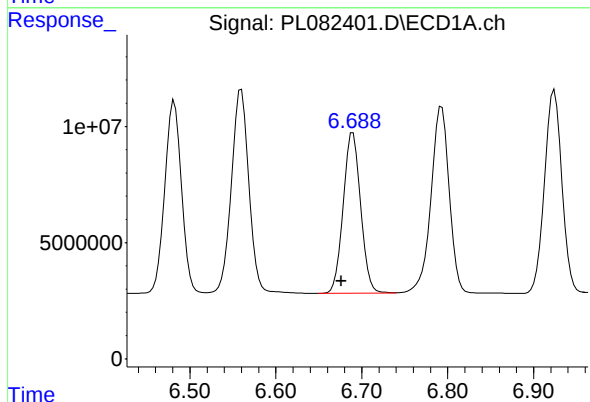
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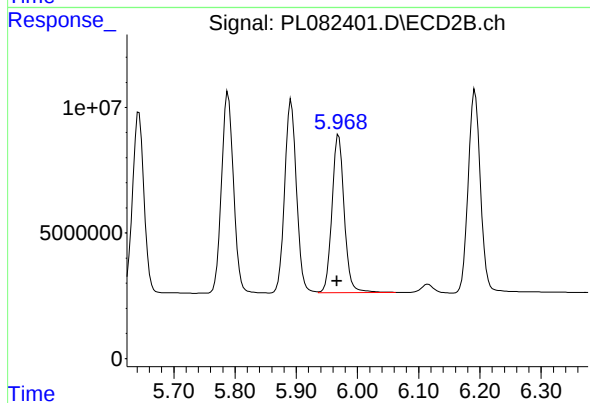
#17 4,4'-DDT

R.T.: 5.892 min
Delta R.T.: 0.003 min
Response: 103025502
Conc: 48.77 ng/ml



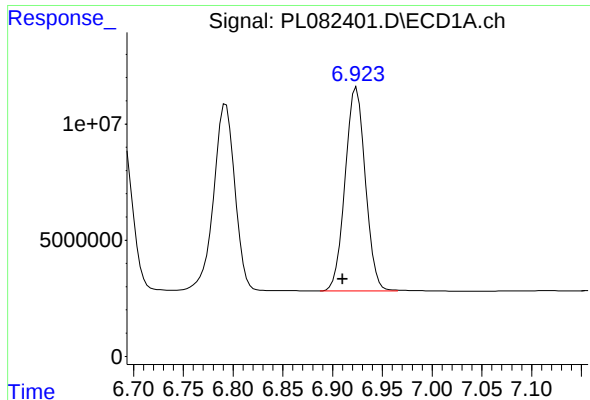
#18 Endrin aldehyde

R.T.: 6.688 min
Delta R.T.: 0.012 min
Response: 97046976
Conc: 51.51 ng/ml m



#18 Endrin aldehyde

R.T.: 5.969 min
Delta R.T.: 0.003 min
Response: 87295810
Conc: 46.65 ng/ml



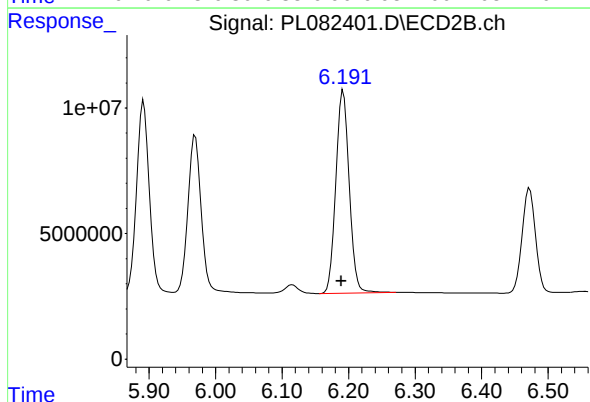
#19 Endosulfan Sulfate

R.T.: 6.923 min
Delta R.T.: 0.013 min
Response: 124225194
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

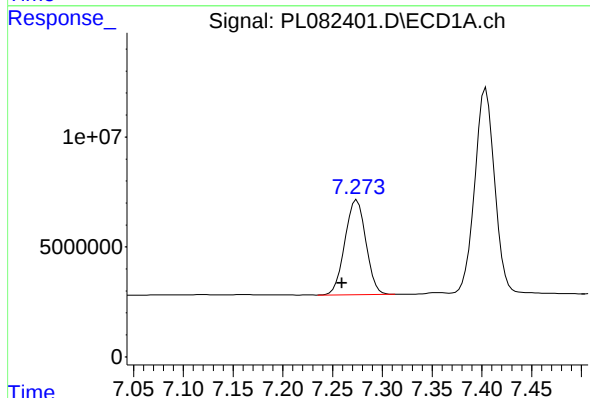
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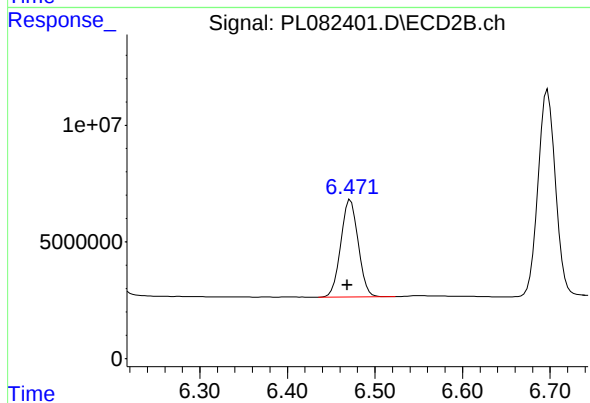
#19 Endosulfan Sulfate

R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 111838139
Conc: 47.50 ng/ml



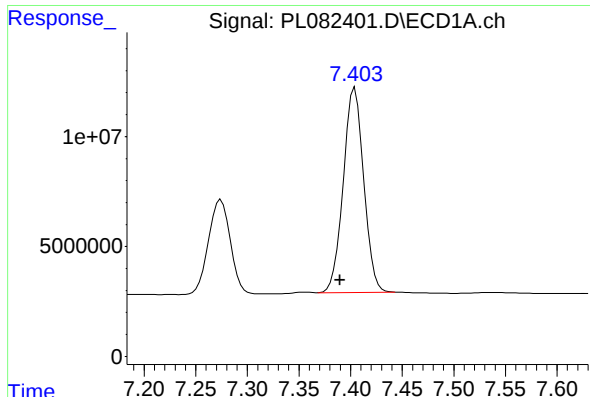
#20 Methoxychlor

R.T.: 7.273 min
Delta R.T.: 0.013 min
Response: 63353396
Conc: 51.91 ng/ml m



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.004 min
Response: 57740524
Conc: 47.65 ng/ml



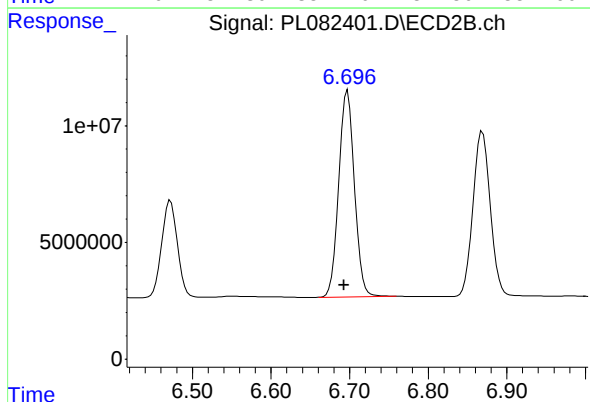
#21 Endrin ketone

R.T.: 7.403 min
Delta R.T.: 0.013 min
Response: 128388331
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

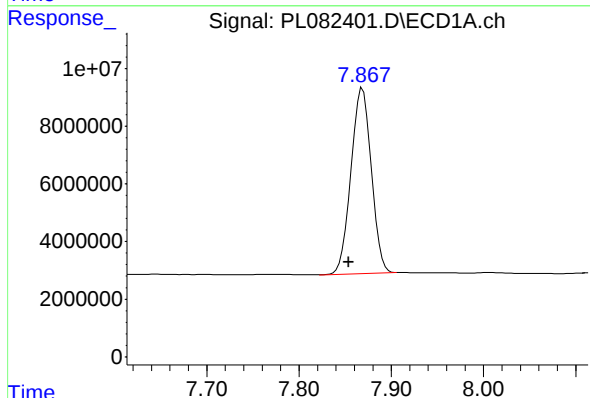
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2023
Supervised By :Ankita Jodhani 05/02/2023



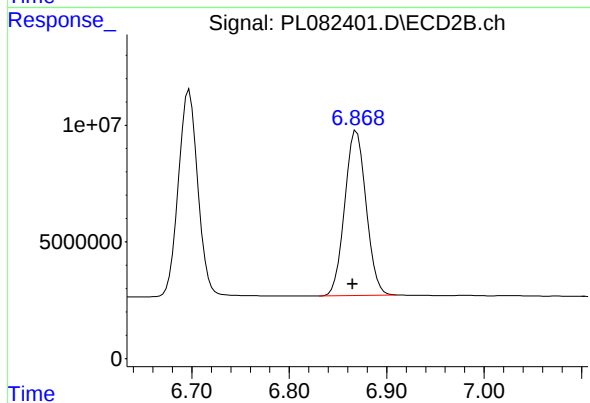
#21 Endrin ketone

R.T.: 6.697 min
Delta R.T.: 0.005 min
Response: 122733048
Conc: 48.35 ng/ml



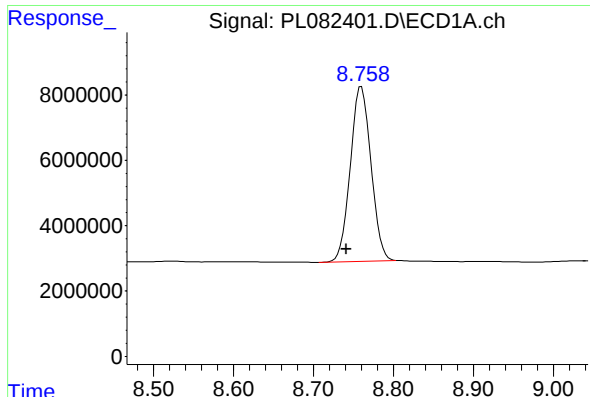
#22 Mirex

R.T.: 7.867 min
Delta R.T.: 0.014 min
Response: 98771552
Conc: 50.49 ng/ml m



#22 Mirex

R.T.: 6.869 min
Delta R.T.: 0.004 min
Response: 107647455
Conc: 46.72 ng/ml



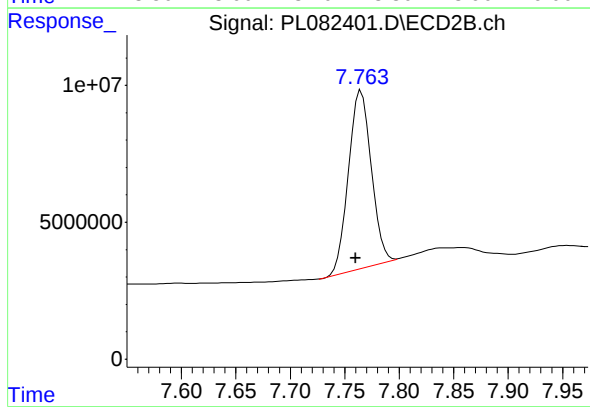
#28 Decachlorobiphenyl

R.T.: 8.758 min
Delta R.T.: 0.017 min
Response: 96109497
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/02/2023



#28 Decachlorobiphenyl

R.T.: 7.763 min
Delta R.T.: 0.003 min
Response: 95233638
Conc: 41.72 ng/ml m