

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
 Data File : PL082190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2023 14:16
 Operator : AR\AJ
 Sample : 02386-07MS 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SPA-2WC-23-04MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/20/2023
 Supervised By :Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 22:05:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.315f	2.643	29759030	19414775	12.795m	9.726
28) SA Decachlor...	8.753	7.776	1877974	3700822	1.049m	1.866 #
Target Compounds						
2) A alpha-BHC	3.782	3.144	8335863	4025891	2.431m	1.381m#
3) MA gamma-BHC...	4.112	3.474	22162619	3677585	6.976m	1.321 #
4) MA Heptachlor	4.687	3.822	2313054	58316885	0.734m	20.341m#
5) MB Aldrin	5.021	4.103	23083911	62774973	8.070m	23.560 #
6) B beta-BHC	4.299f	3.773	10229731	1805183	6.797m	1.516m#
7) B delta-BHC	4.569	4.004	54485228	42624470	17.927	16.482
8) B Heptachlo...	5.447	4.585	168.4E6	2533817	61.913m	1.043 #
9) A Endosulfan I	5.827	4.951	8229481	5873854	3.331	2.661
10) B gamma-Chl...	5.706	4.835	194.9E6	119.1E6	74.234	48.985 #
11) B alpha-Chl...	5.786	4.896	129.3E6	146.4E6	49.951	60.257
12) B 4,4'-DDE	5.963	5.088	204.1E6	55007856	90.574	27.926 #
13) MA Dieldrin	6.107	5.220	201.7E6	309.1E6	83.313m	137.421 #
14) MA Endrin	6.340	5.496	120.7E6	22156040	57.053	10.948m#
15) B Endosulfa...	6.554	5.825f	13070191	55210493	6.159	30.435m#
16) A 4,4'-DDD	6.480	5.644	1554.5E6	1275.4E6	861.967	840.418m
17) MA 4,4'-DDT	6.783	5.887f	10068007	173.3E6	4.961m	100.549 #
18) B Endrin al...	6.696	5.984	5990072	31899120	3.661m	20.541 #
19) B Endosulfa...	6.903f	6.217	27479106	26611834	13.185	13.677
20) A Methoxychlor	7.270	6.499	5936734	2576369	5.513m	2.587m#
21) B Endrin ke...	7.379f	6.722	89552657	24024471	42.753m	11.242m#
22) Mirex	7.866	6.870	4514272	2697523	2.635m	1.405 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041923\
Data File : PL082190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2023 14:16
Operator : AR\AJ
Sample : 02386-07MS 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

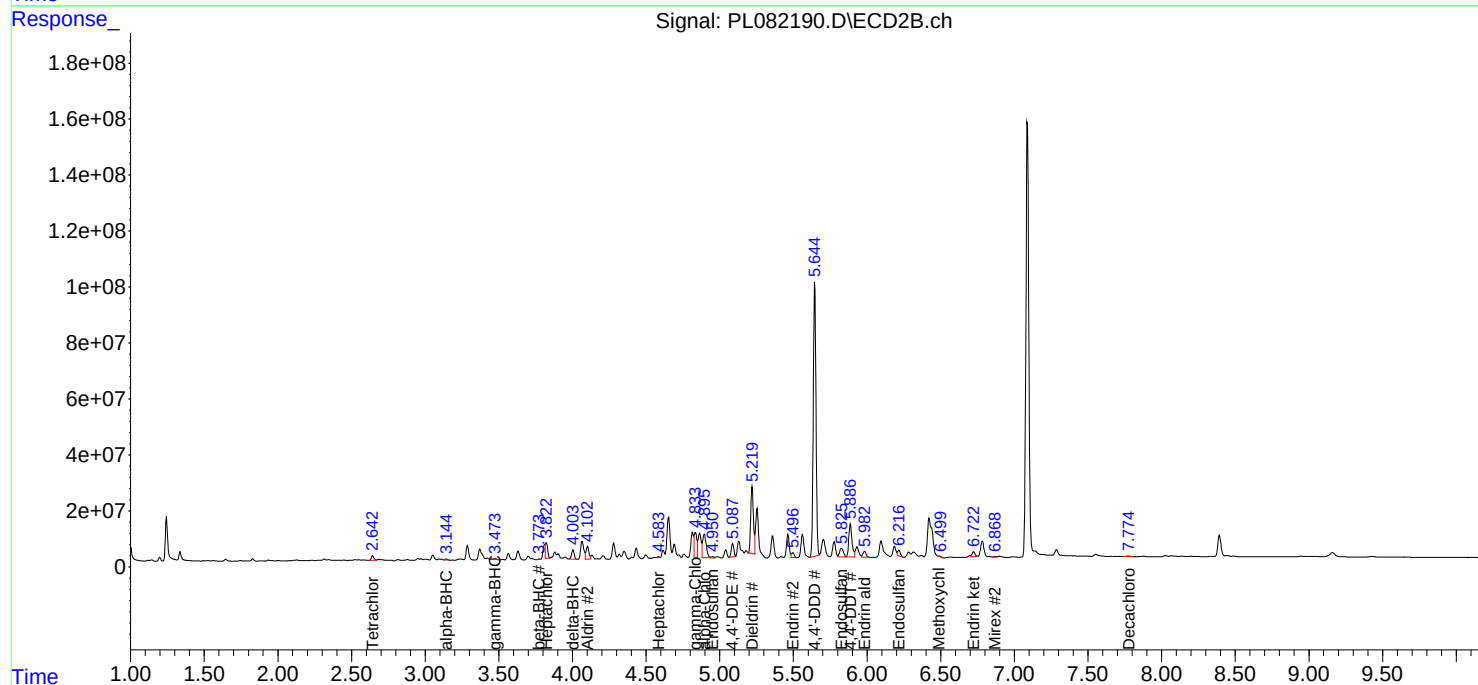
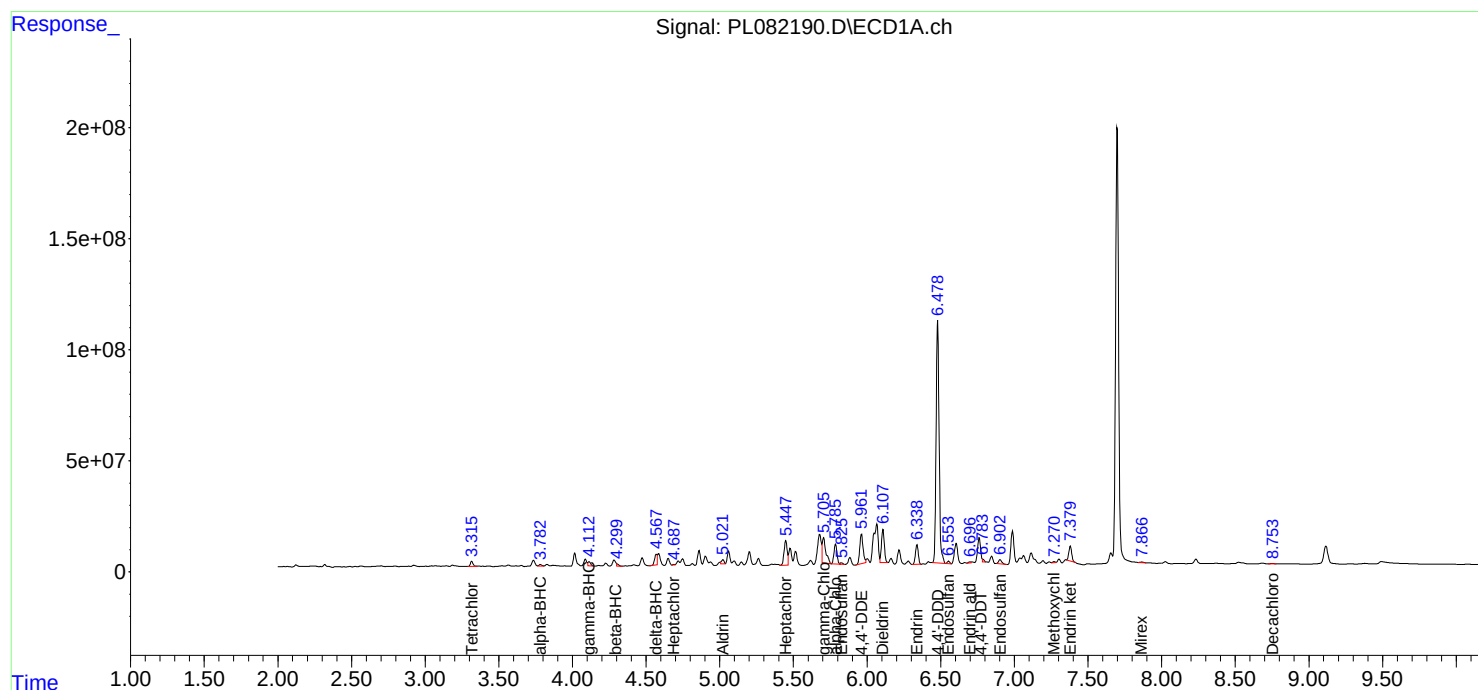
Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

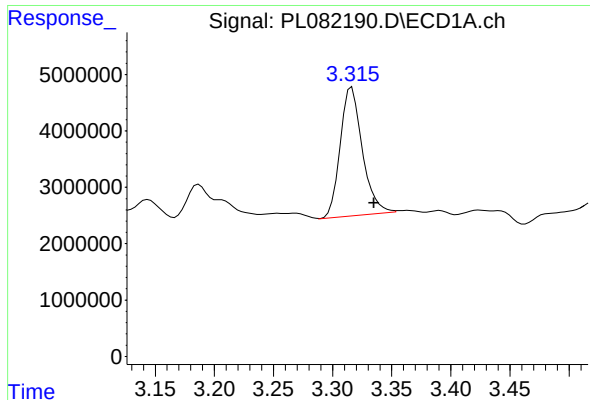
Manual Integrations
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Supervised By :Ankita Jodhani 04/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 22:05:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
Response via : Initial Calibration
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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





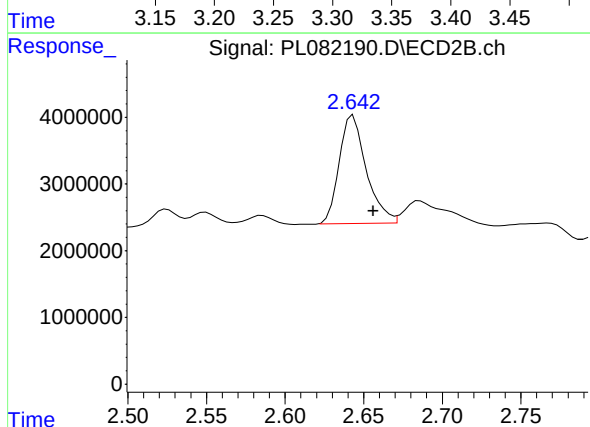
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.020 min
Response: 29759030
Conc: 12.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

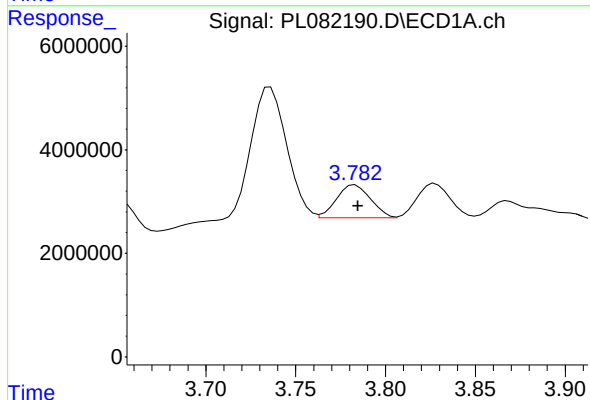
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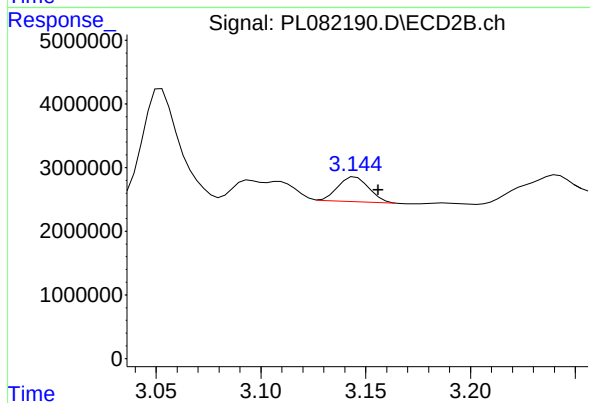
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.013 min
Response: 19414775
Conc: 9.73 ng/ml



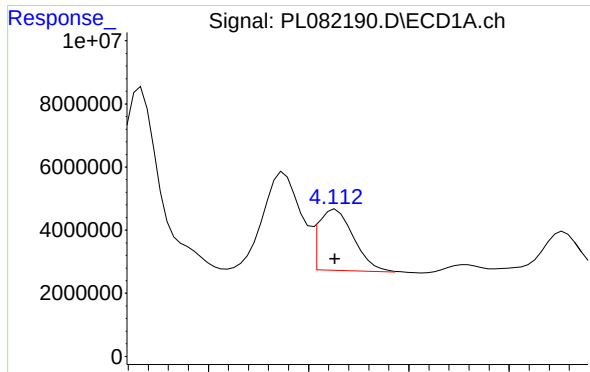
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 8335863
Conc: 2.43 ng/ml m



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.012 min
Response: 4025891
Conc: 1.38 ng/ml m



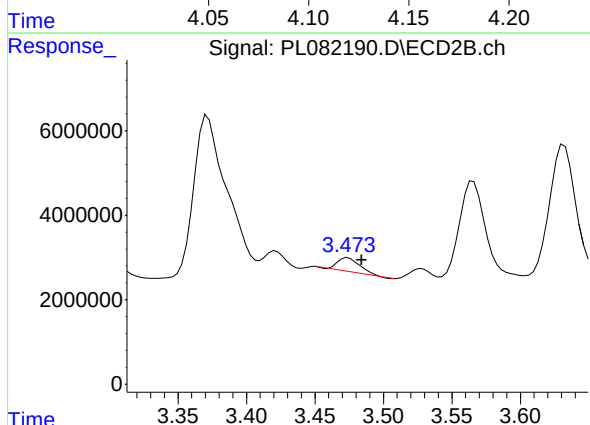
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: -0.001 min
Response: 22162619
Conc: 6.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

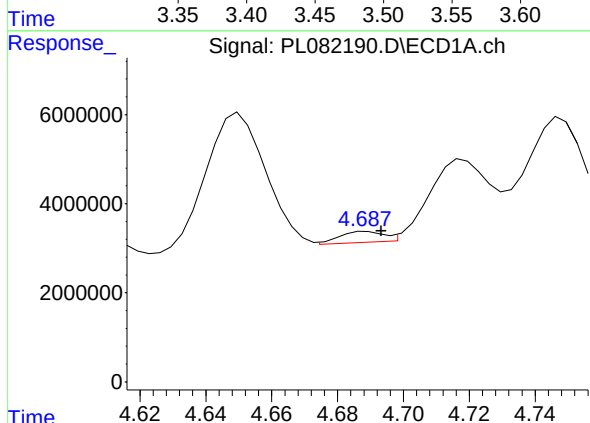
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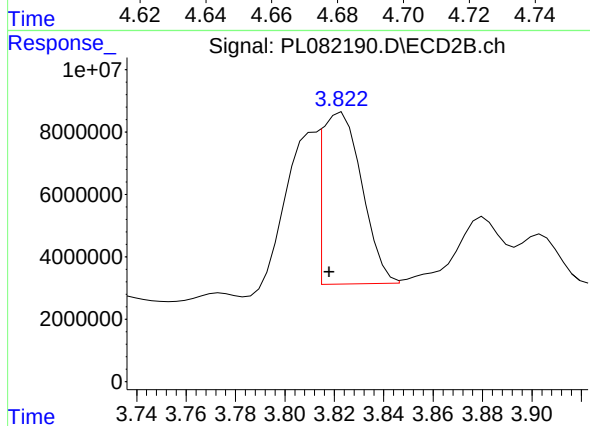
#3 gamma-BHC (Lindane)

R.T.: 3.474 min
Delta R.T.: -0.010 min
Response: 3677585
Conc: 1.32 ng/ml



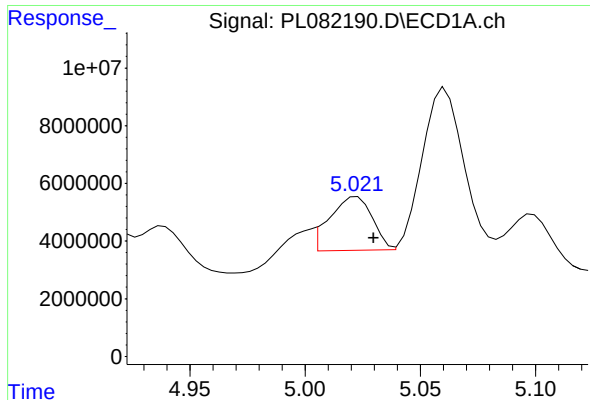
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: -0.006 min
Response: 2313054
Conc: 0.73 ng/ml m



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: 0.004 min
Response: 58316885
Conc: 20.34 ng/ml m



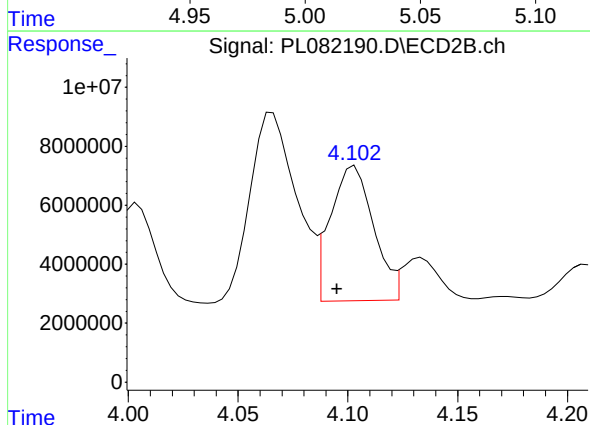
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: -0.009 min
Response: 23083911
Conc: 8.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

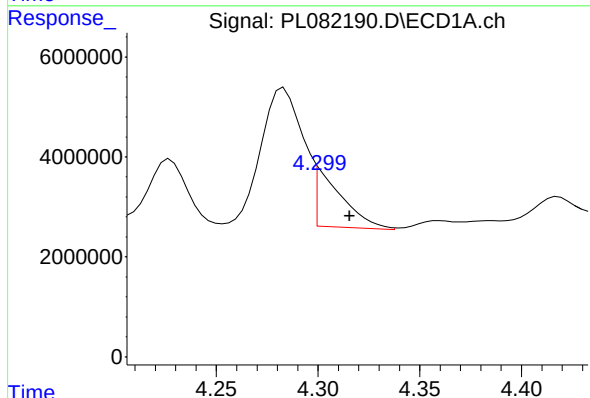
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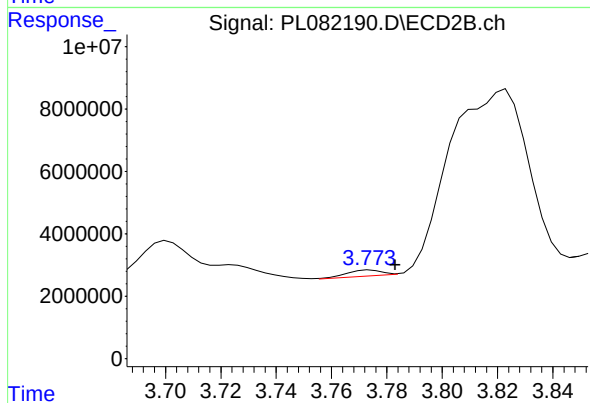
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: 0.008 min
Response: 62774973
Conc: 23.56 ng/ml



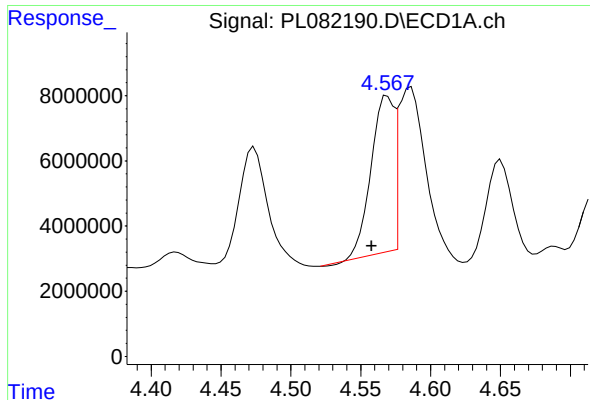
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.016 min
Response: 10229731
Conc: 6.80 ng/ml m



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: -0.010 min
Response: 1805183
Conc: 1.52 ng/ml m



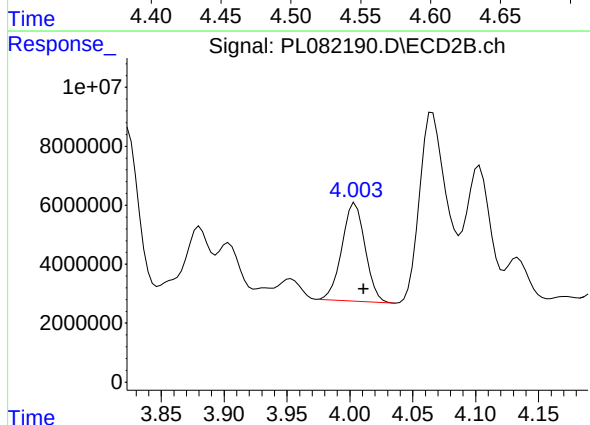
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.011 min
Response: 54485228
Conc: 17.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

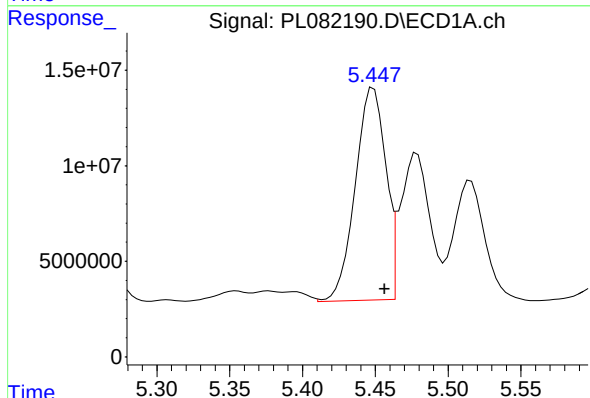
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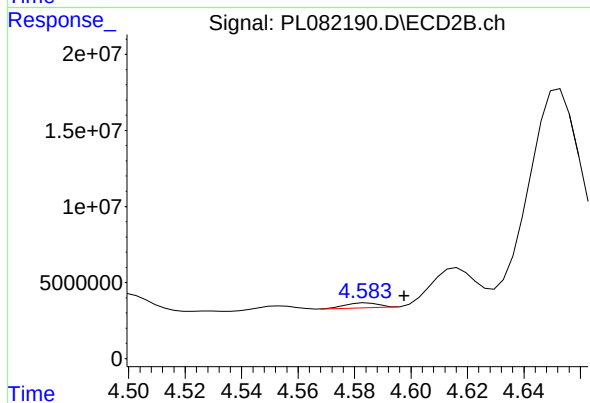
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.007 min
Response: 42624470
Conc: 16.48 ng/ml



#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: -0.009 min
Response: 168405604
Conc: 61.91 ng/ml m



#8 Heptachlor epoxide

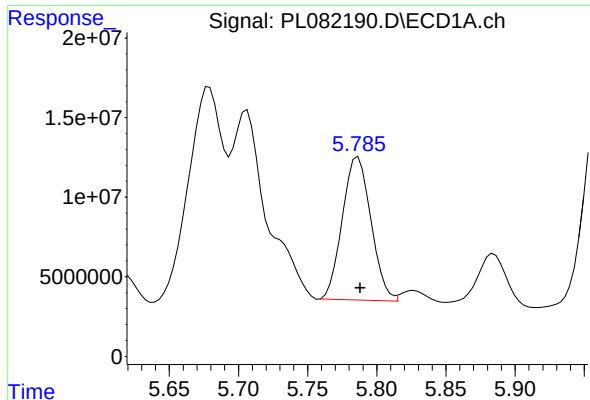
R.T.: 4.585 min
Delta R.T.: -0.013 min
Response: 2533817
Conc: 1.04 ng/ml

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R.T.: 4.951 min
Delta R.T.: -0.015 min
Response: 5873854
Conc: 2.66 ng/ml

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 194881682
Conc: 74.23 ng/ml

R.T.: 4.835 min
Delta R.T.: -0.011 min
Response: 119051304
Conc: 48.98 ng/ml



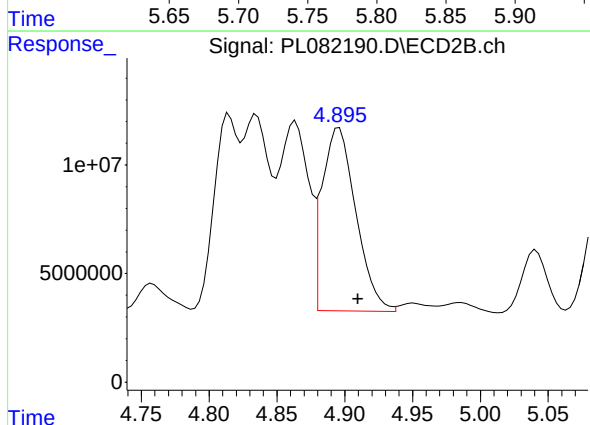
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 129294552
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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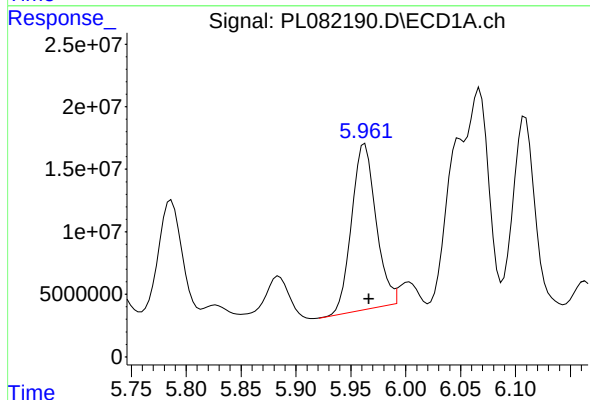
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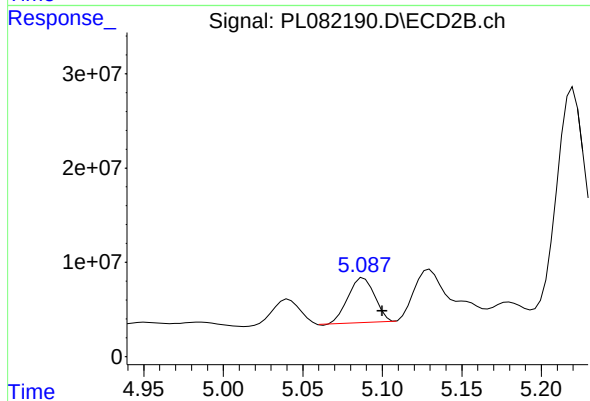
#11 alpha-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.014 min
Response: 146359435
Conc: 60.26 ng/ml



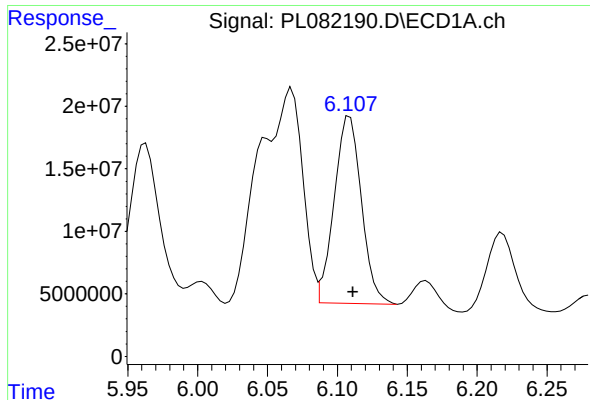
#12 4,4'-DDE

R.T.: 5.963 min
Delta R.T.: -0.004 min
Response: 204121294
Conc: 90.57 ng/ml



#12 4,4'-DDE

R.T.: 5.088 min
Delta R.T.: -0.012 min
Response: 55007856
Conc: 27.93 ng/ml



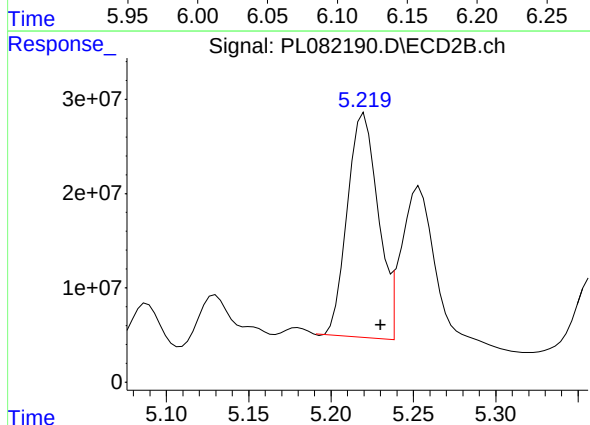
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 201697218
Conc: 83.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

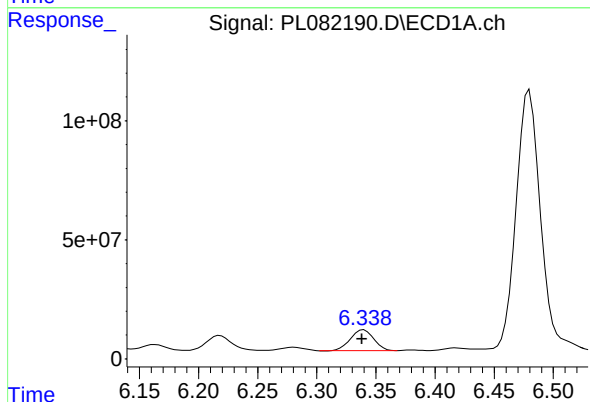
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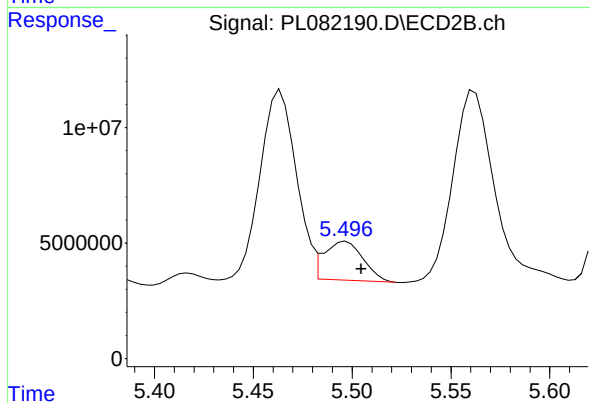
#13 Dieldrin

R.T.: 5.220 min
Delta R.T.: -0.010 min
Response: 309117942
Conc: 137.42 ng/ml



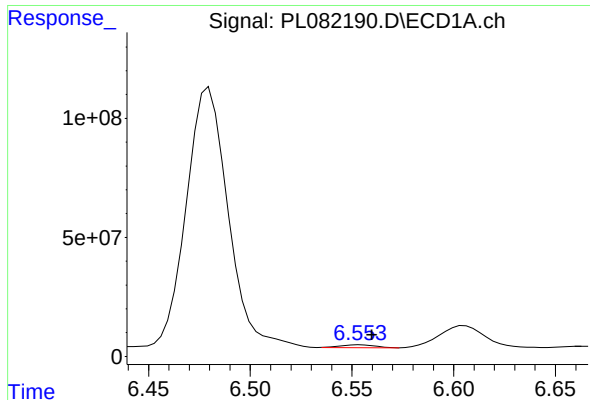
#14 Endrin

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 120680007
Conc: 57.05 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 22156040
Conc: 10.95 ng/ml m



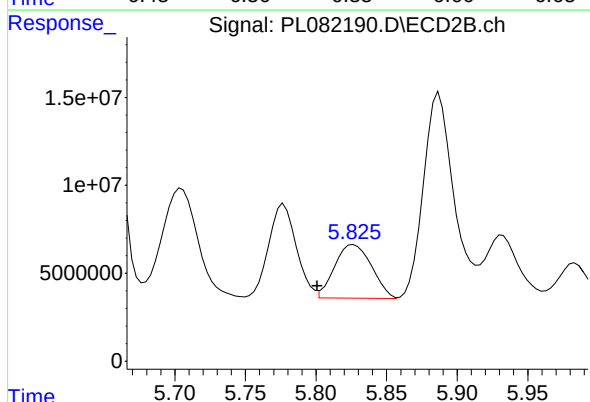
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: -0.006 min
Response: 13070191
Conc: 6.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

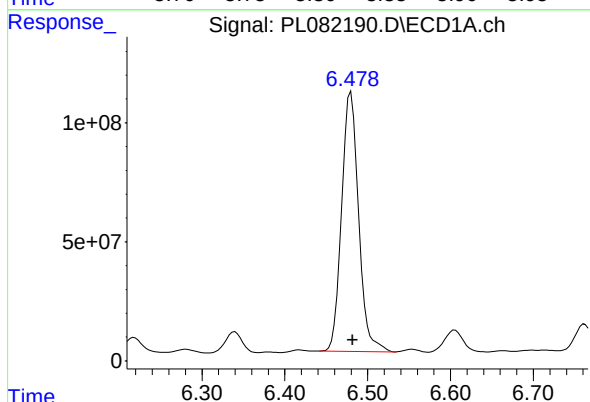
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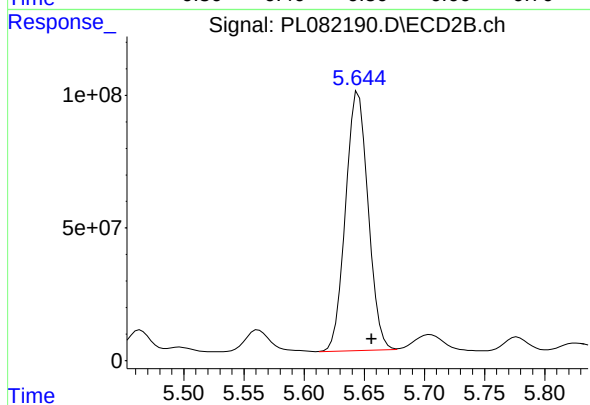
#15 Endosulfan II

R.T.: 5.825 min
Delta R.T.: 0.024 min
Response: 55210493
Conc: 30.44 ng/ml m



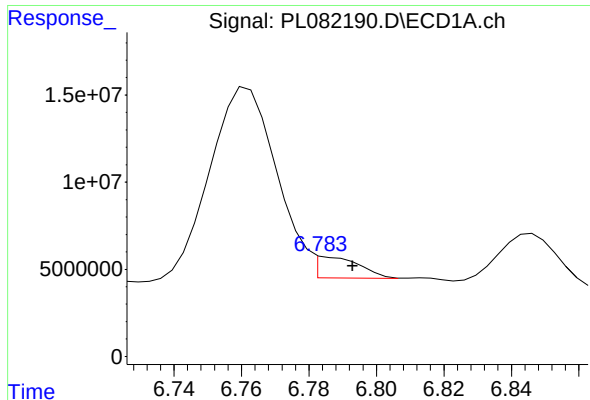
#16 4,4'-DDD

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 1554546243
Conc: 861.97 ng/ml



#16 4,4'-DDD

R.T.: 5.644 min
Delta R.T.: -0.012 min
Response: 1275363868
Conc: 840.42 ng/ml m



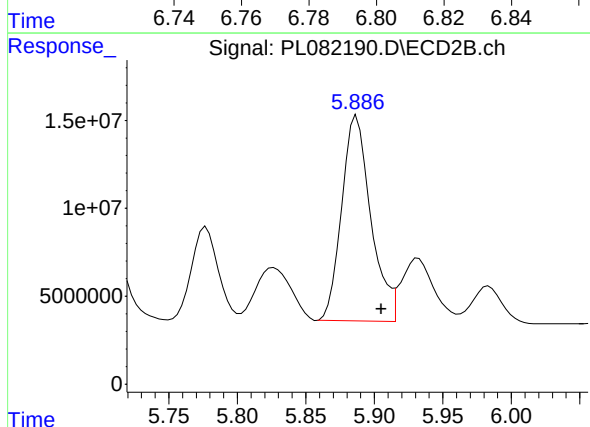
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 10068007
Conc: 4.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

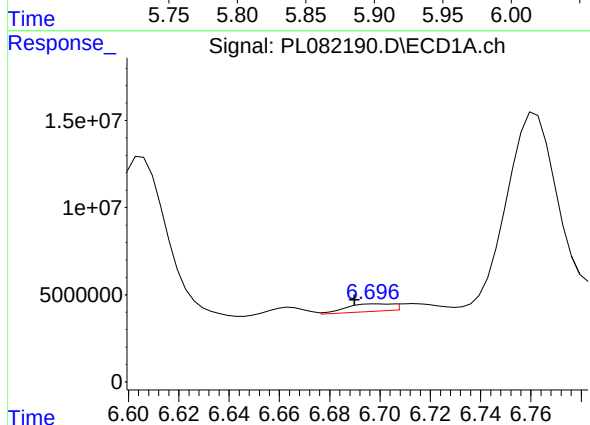
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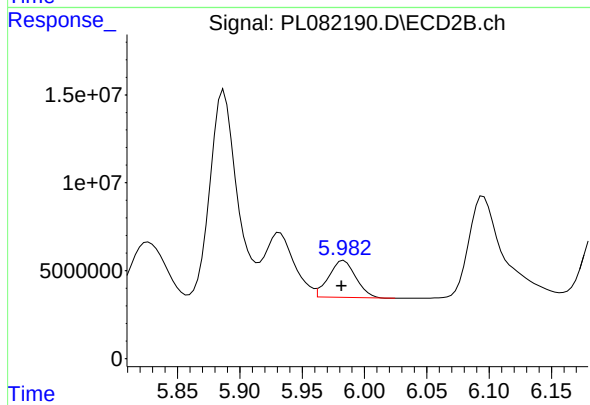
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: -0.018 min
Response: 173273518
Conc: 100.55 ng/ml



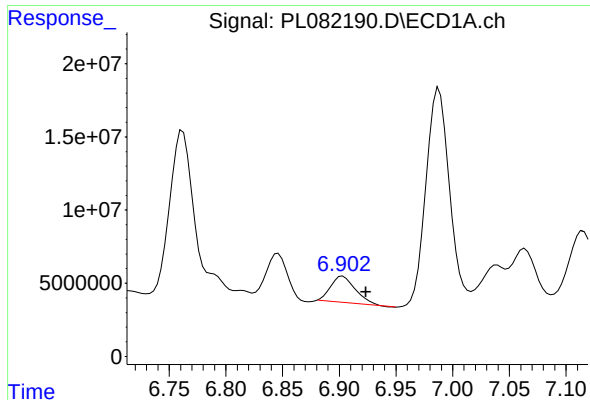
#18 Endrin aldehyde

R.T.: 6.696 min
Delta R.T.: 0.006 min
Response: 5990072
Conc: 3.66 ng/ml m



#18 Endrin aldehyde

R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 31899120
Conc: 20.54 ng/ml



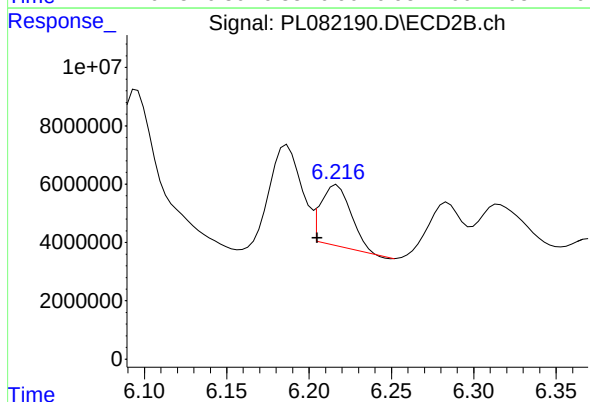
#19 Endosulfan Sulfate

R.T.: 6.903 min
Delta R.T.: -0.021 min
Response: 27479106
Conc: 13.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

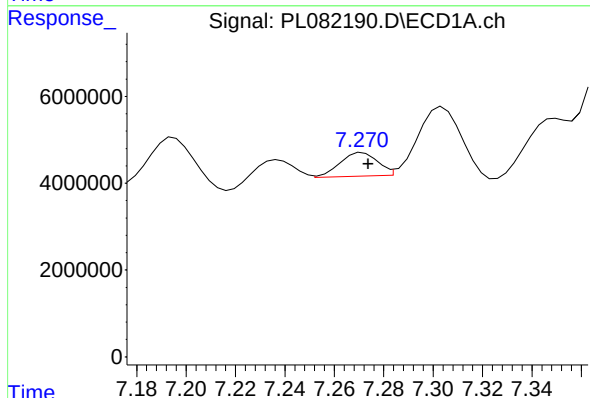
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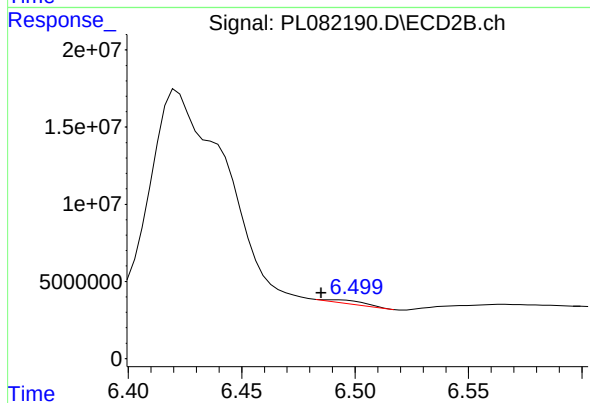
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: 0.012 min
Response: 26611834
Conc: 13.68 ng/ml



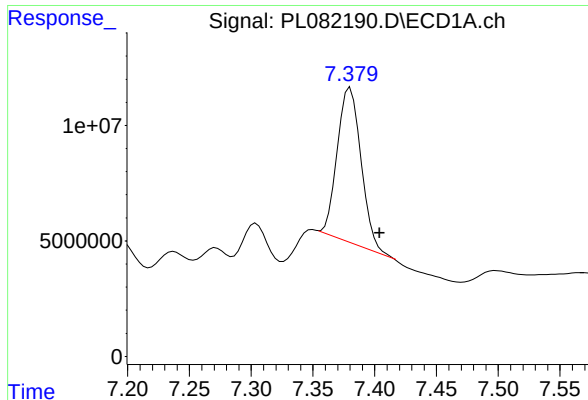
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 5936734
Conc: 5.51 ng/ml m



#20 Methoxychlor

R.T.: 6.499 min
Delta R.T.: 0.014 min
Response: 2576369
Conc: 2.59 ng/ml m



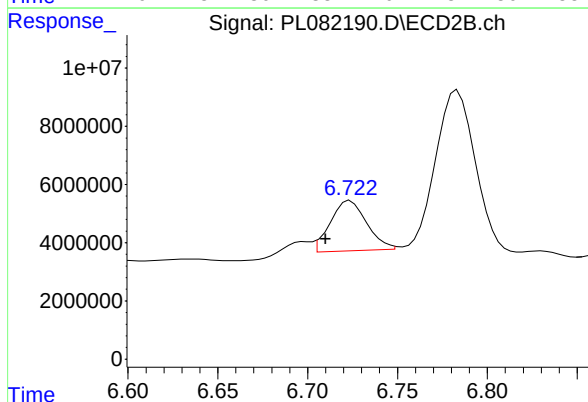
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.025 min
Response: 89552657
Conc: 42.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

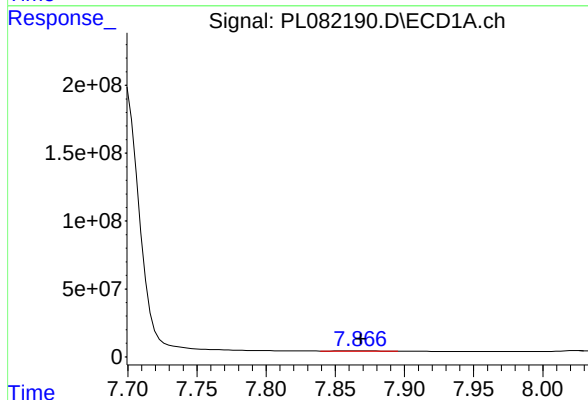
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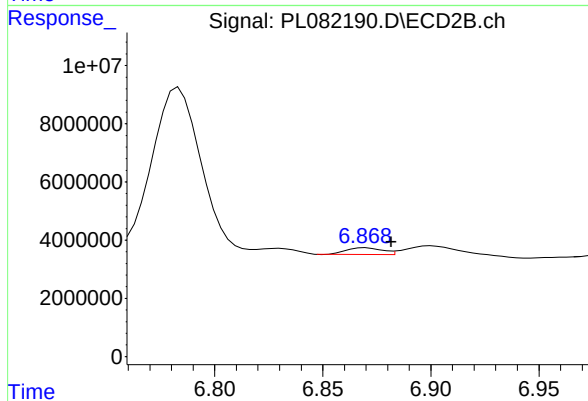
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: 0.012 min
Response: 24024471
Conc: 11.24 ng/ml



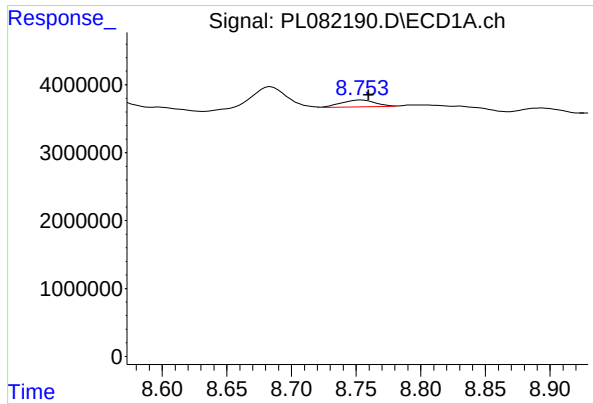
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.003 min
Response: 4514272
Conc: 2.63 ng/ml



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 2697523
Conc: 1.41 ng/ml



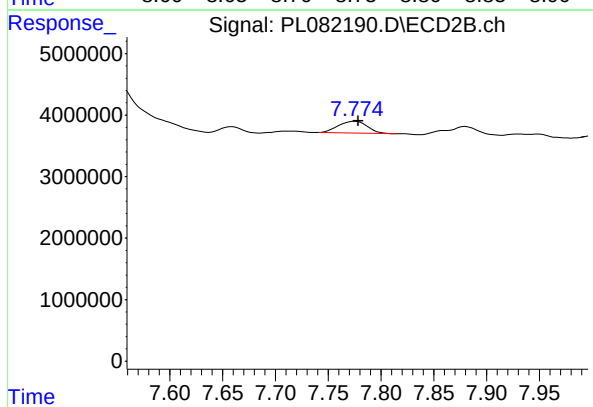
#28 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.007 min
Response: 1877974
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPA-2WC-23-04MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/20/2023
Supervised By :Ankita Jodhani 04/20/2023



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 3700822
Conc: 1.87 ng/ml