

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120122\
 Data File : PL079524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2022 12:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/02/2022
 Supervised By : Ankita Jodhani 12/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 20:35:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 2022
 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	2.564	125.5E6	143.2E6	55.536	52.624
28)	SA Decachlor...	8.769	7.630	102.6E6	113.2E6	52.807	48.196
Target Compounds							
2)	A alpha-BHC	3.779	3.051	198.0E6	229.0E6	57.580	53.114
3)	MA gamma-BHC...	4.112	3.371	183.3E6	200.6E6	56.553	51.509
4)	MA Heptachlor	4.683	3.698	182.6E6	206.3E6	55.408	53.627
5)	MB Aldrin	5.021	3.969	170.7E6	192.6E6	54.970	51.875
6)	B beta-BHC	4.328	3.672	76827138	78376165	54.412	51.727
7)	B delta-BHC	4.568	3.891	137.8E6	202.9E6	49.679	52.739
8)	B Heptachlo...	5.454	4.464	138.6E6	171.9E6	48.546	50.939m
9)	A Endosulfan I	5.839	4.828	144.0E6	161.6E6	54.175	50.500
10)	B gamma-Chl...	5.710	4.713	152.0E6	171.4E6	53.138	50.652
11)	B alpha-Chl...	5.786	4.775	154.6E6	169.2E6	53.636	50.512
12)	B 4,4'-DDE	5.970	4.970	137.4E6	159.3E6	54.998	51.942
13)	MA Dieldrin	6.116	5.090	143.7E6	174.1E6	52.393	51.634
14)	MA Endrin	6.347	5.361	134.7E6	137.2E6	55.681	45.355
15)	B Endosulfa...	6.577	5.656	123.0E6	137.6E6	54.488	49.183m
16)	A 4,4'-DDD	6.495	5.521	106.9E6	129.0E6	53.885	51.587
17)	MA 4,4'-DDT	6.805	5.767	126.0E6	140.1E6	55.565	53.589
18)	B Endrin al...	6.709	5.836	96648248	107.7E6	53.363	50.613
19)	B Endosulfa...	6.942	6.058	121.2E6	142.1E6	52.268	50.344
20)	A Methoxychlor	7.290	6.345	63457710	72482417	52.601	53.329
21)	B Endrin ke...	7.428	6.555	131.5E6	151.9E6	53.298	49.311
22)	Mirex	7.884	6.726	97979433	113.9E6	51.729	48.148

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120122\
Data File : PL079524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2022 12:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

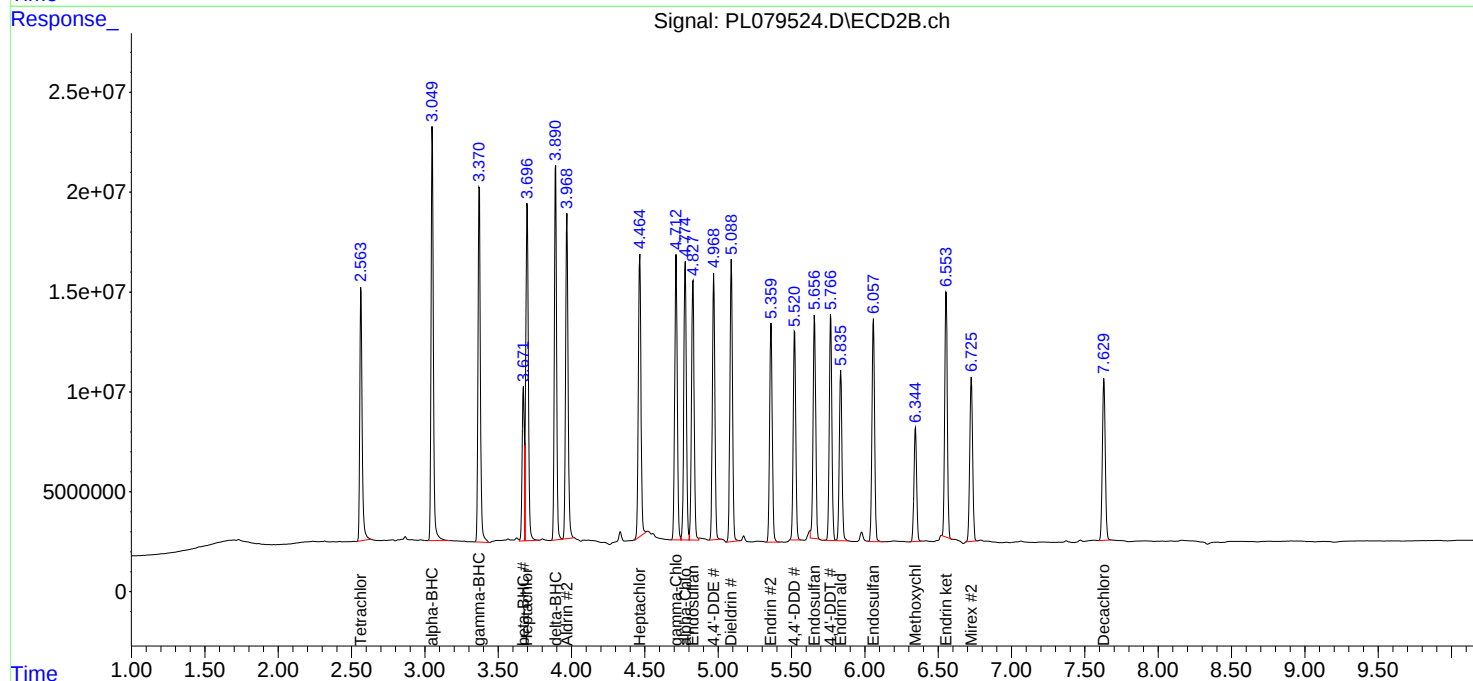
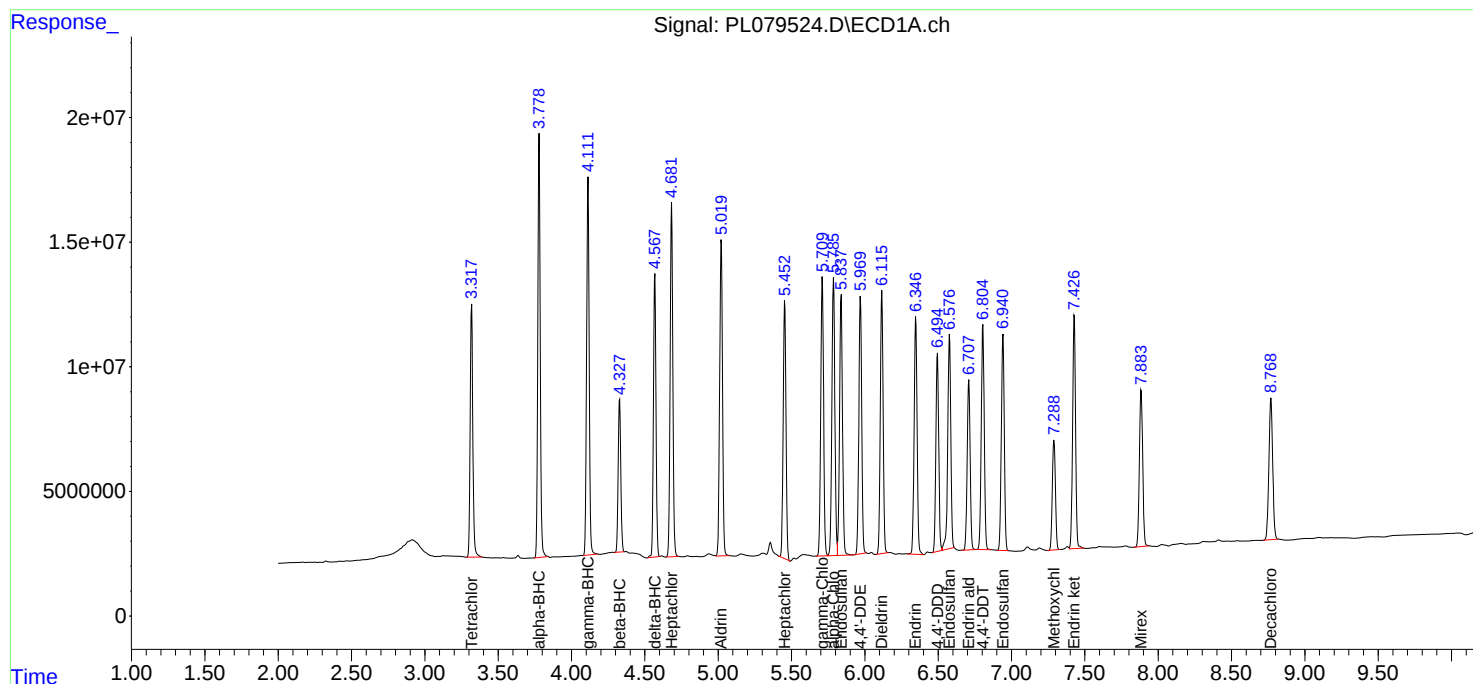
APPROVED

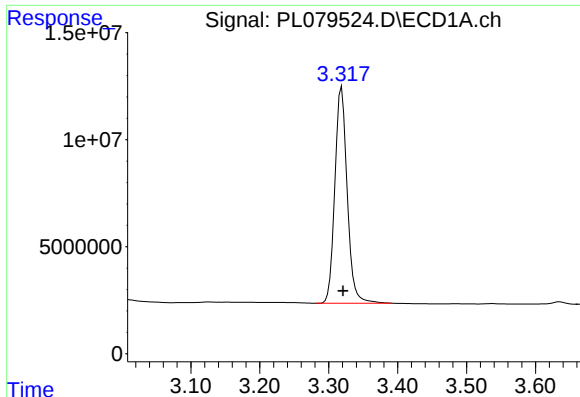
Reviewed By :Abdul Mirza 12/02/2022

Supervised By :Ankita Jodhani 12/02/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 20:35:10 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
Quant Title : GC Extractables
QLast Update : Thu Nov 24 00:09:49 2022
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.: -0.002 min
Response: 125457133
Conc: 55.54 ng/ml

Instrument :

ECD_L

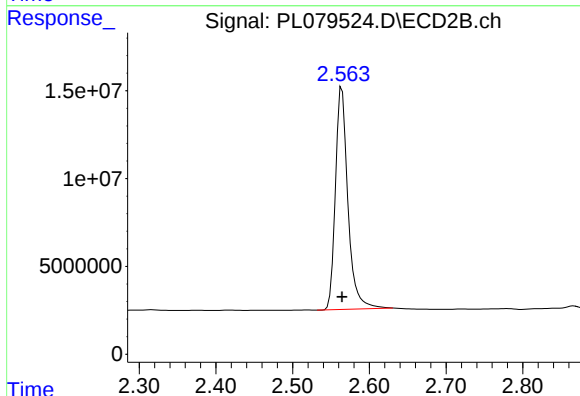
ClientSampleId :

PSTDCCC050

Manual Integrations

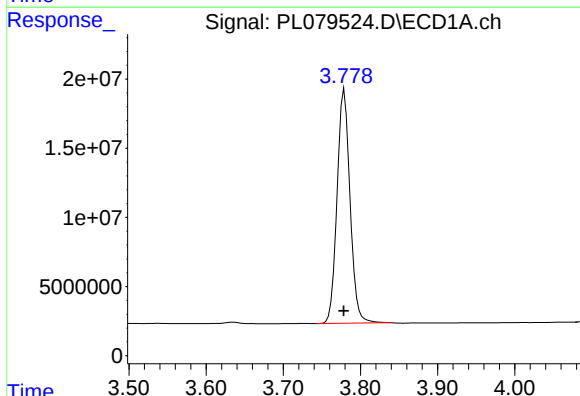
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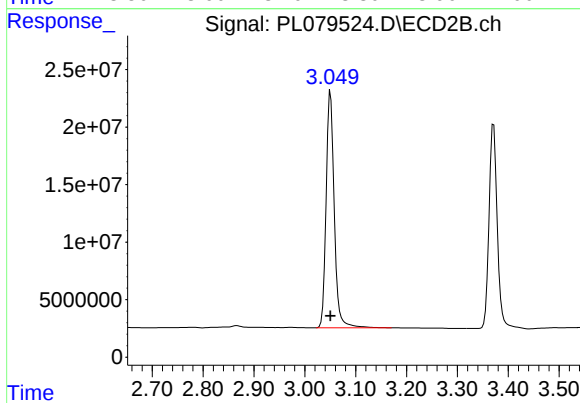
#1 Tetrachloro-m-xylene

R.T.: 2.564 min
Delta R.T.: 0.000 min
Response: 143244450
Conc: 52.62 ng/ml



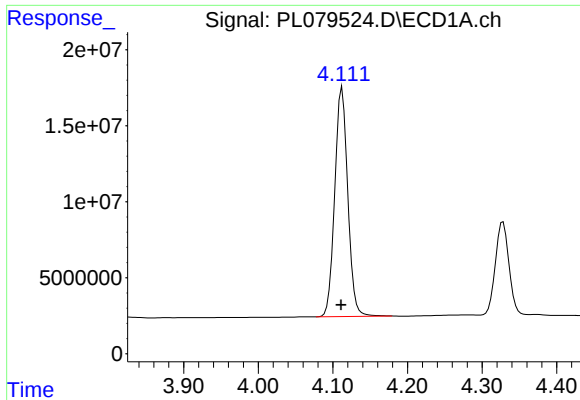
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.001 min
Response: 198002169
Conc: 57.58 ng/ml



#2 alpha-BHC

R.T.: 3.051 min
Delta R.T.: 0.000 min
Response: 229028245
Conc: 53.11 ng/ml



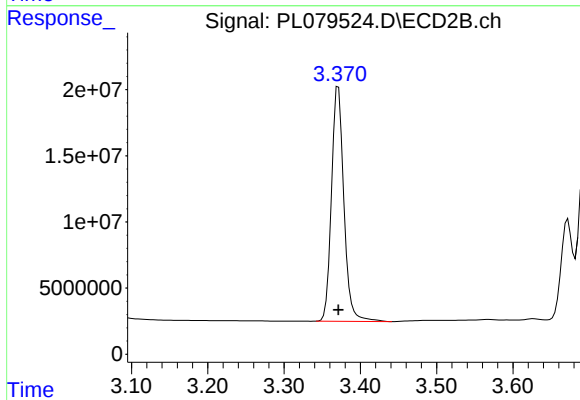
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.002 min
Response: 183275116
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

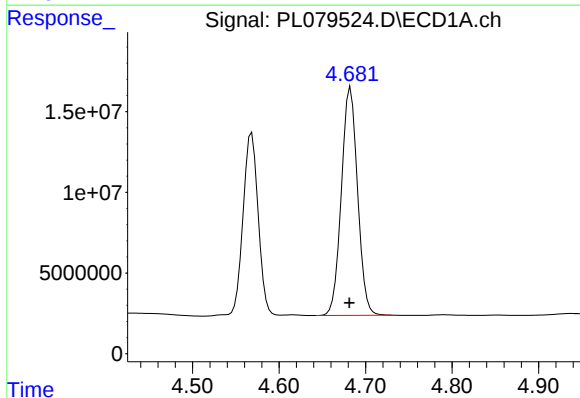
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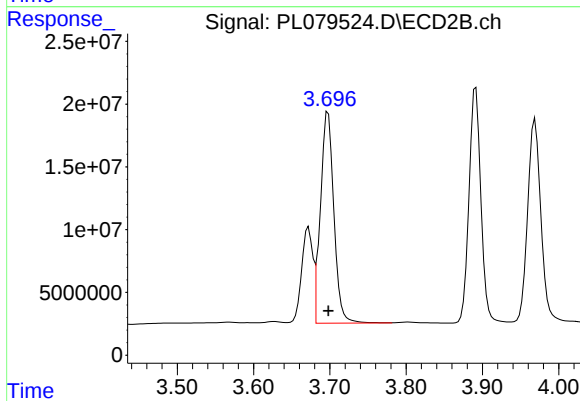
#3 gamma-BHC (Lindane)

R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 200560350
Conc: 51.51 ng/ml



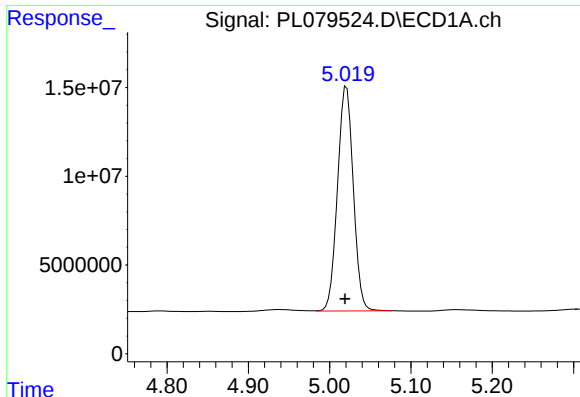
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: 0.001 min
Response: 182581547
Conc: 55.41 ng/ml



#4 Heptachlor

R.T.: 3.698 min
Delta R.T.: 0.000 min
Response: 206343302
Conc: 53.63 ng/ml



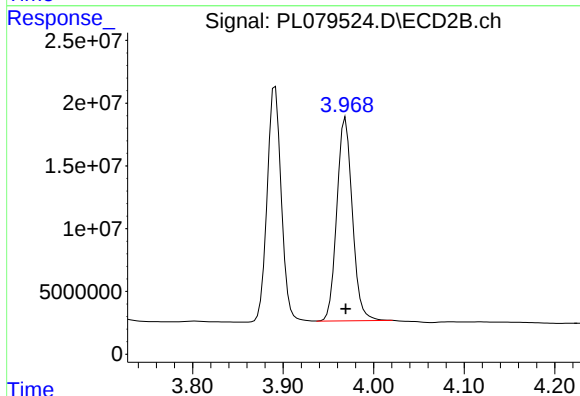
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: 0.002 min
Response: 170702145
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

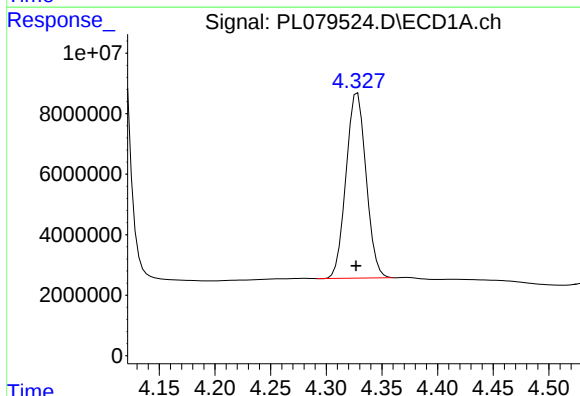
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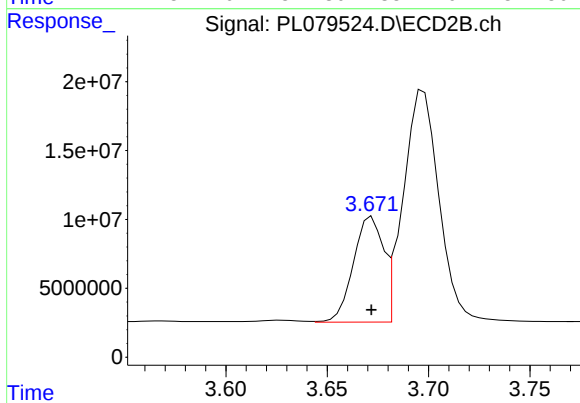
#5 Aldrin

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 192604796
Conc: 51.87 ng/ml



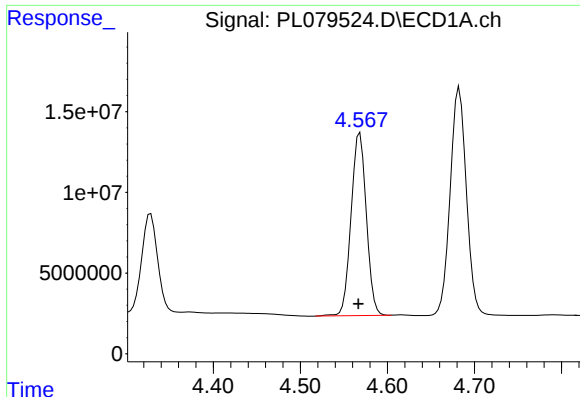
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 76827138
Conc: 54.41 ng/ml



#6 beta-BHC

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 78376165
Conc: 51.73 ng/ml



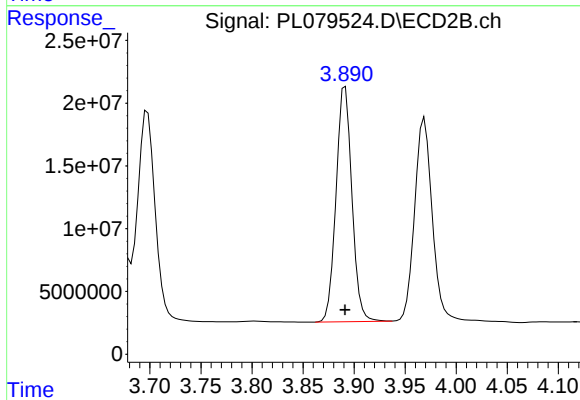
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.002 min
Response: 137826270
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

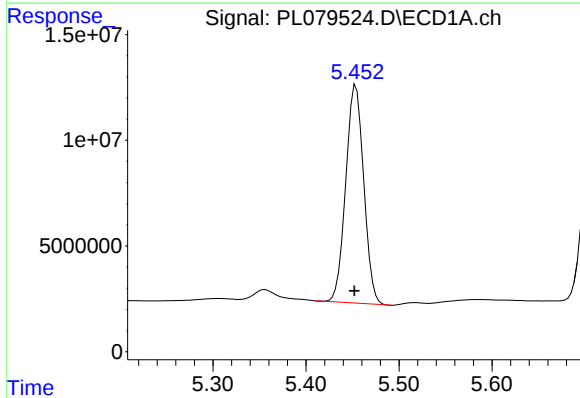
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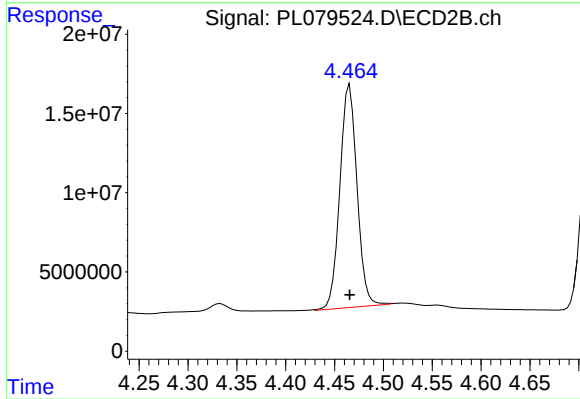
#7 delta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 202898439
Conc: 52.74 ng/ml



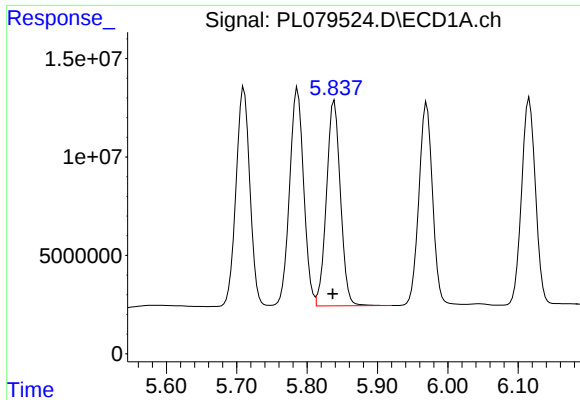
#8 Heptachlor epoxide

R.T.: 5.454 min
Delta R.T.: 0.002 min
Response: 138597430
Conc: 48.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 171938057
Conc: 50.94 ng/ml m



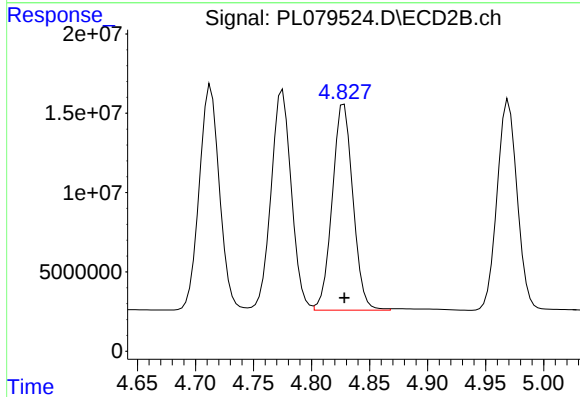
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: 0.002 min
Response: 144036797
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

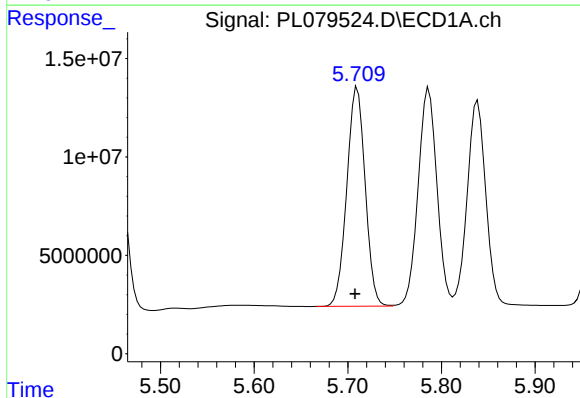
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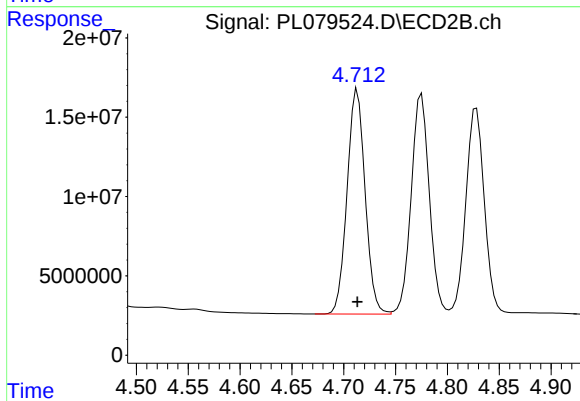
#9 Endosulfan I

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 161590556
Conc: 50.50 ng/ml



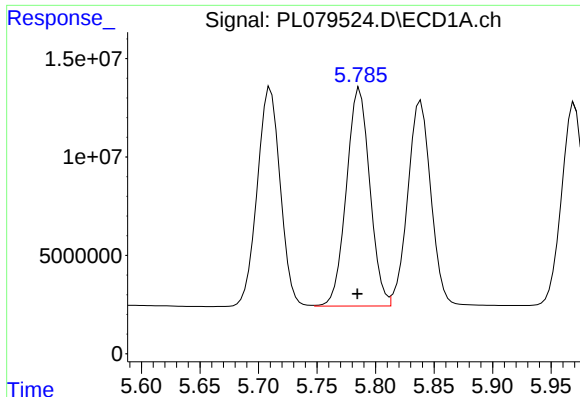
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: 0.003 min
Response: 152038709
Conc: 53.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 171418988
Conc: 50.65 ng/ml



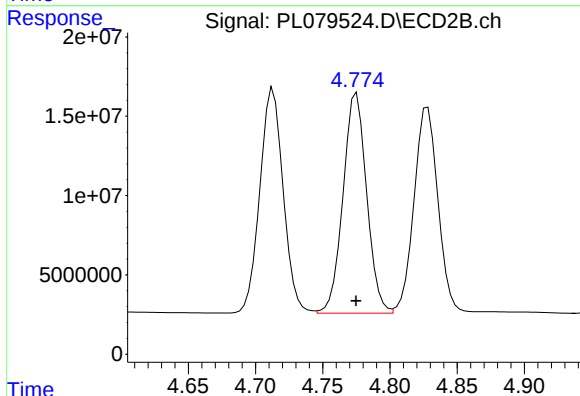
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 154556965
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

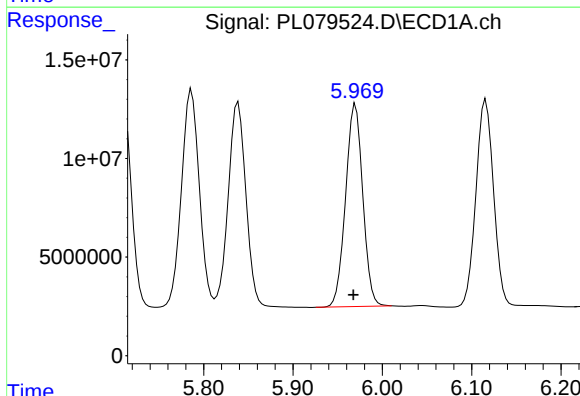
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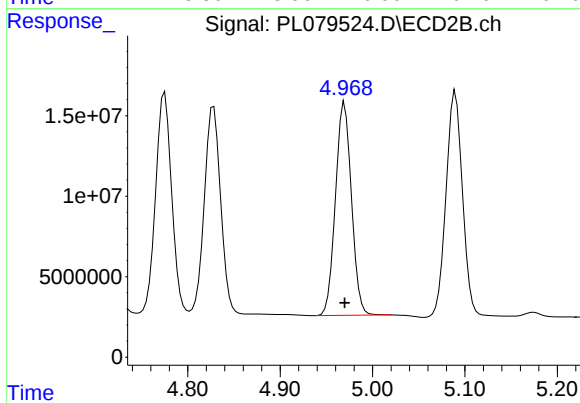
#11 alpha-Chlordane

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 169173538
Conc: 50.51 ng/ml



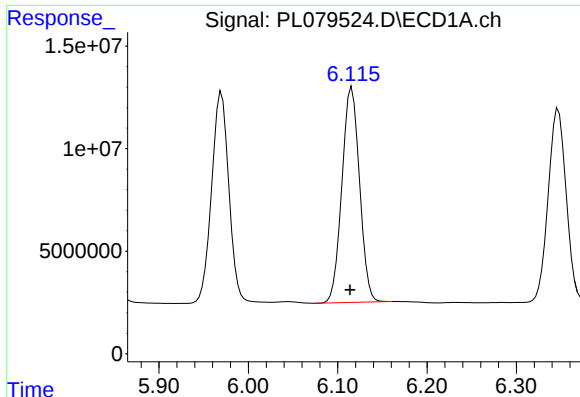
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 137403897
Conc: 55.00 ng/ml



#12 4,4'-DDE

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 159261719
Conc: 51.94 ng/ml



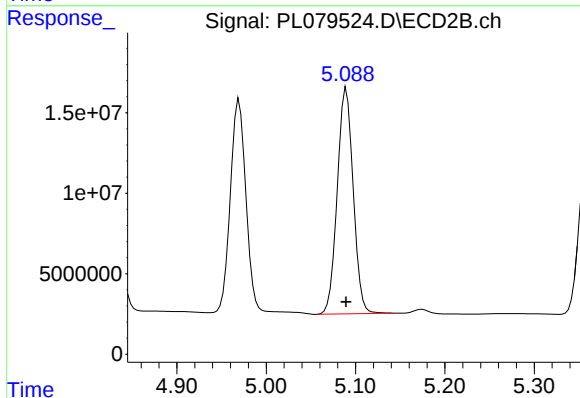
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 143704885
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

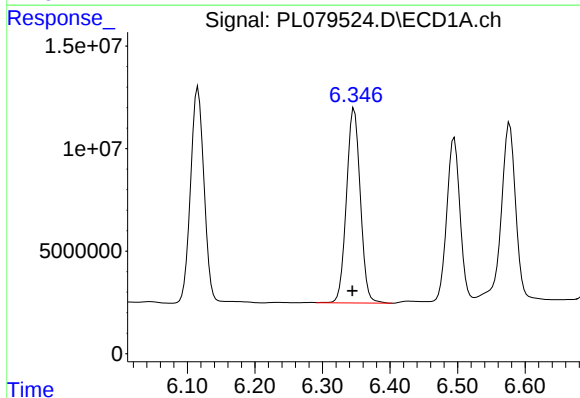
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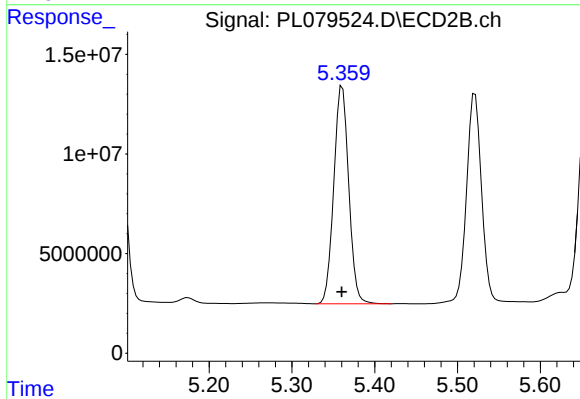
#13 Dieldrin

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 174065812
Conc: 51.63 ng/ml



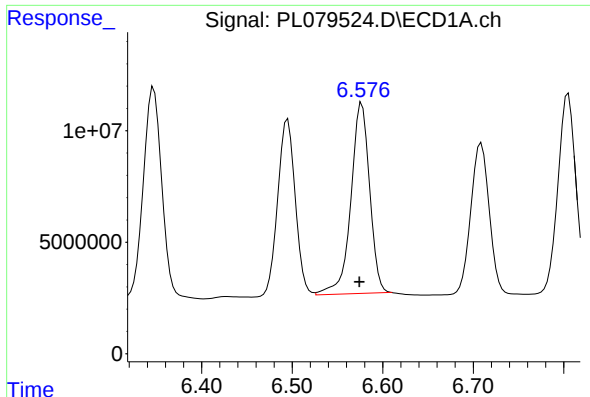
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 134704067
Conc: 55.68 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 137186980
Conc: 45.36 ng/ml



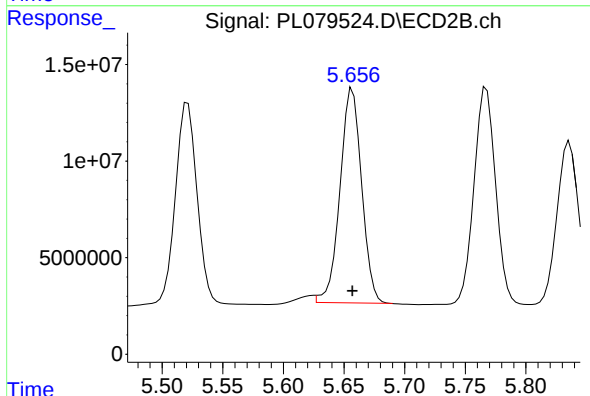
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 123003384
Conc: 54.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

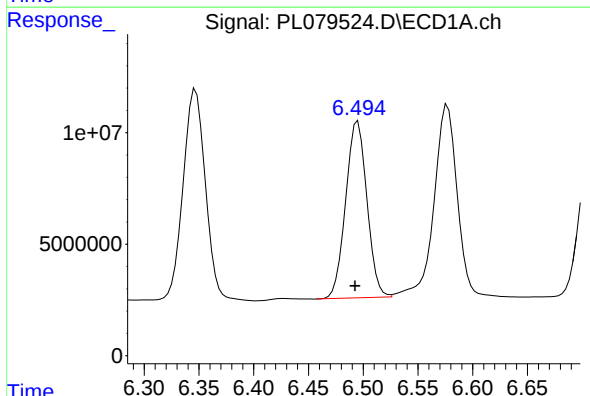
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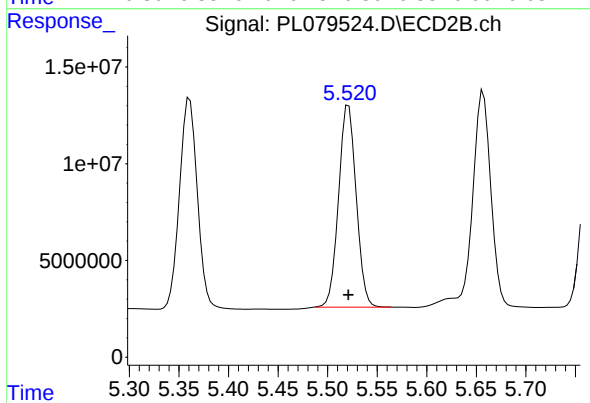
#15 Endosulfan II

R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 137625077
Conc: 49.18 ng/ml m



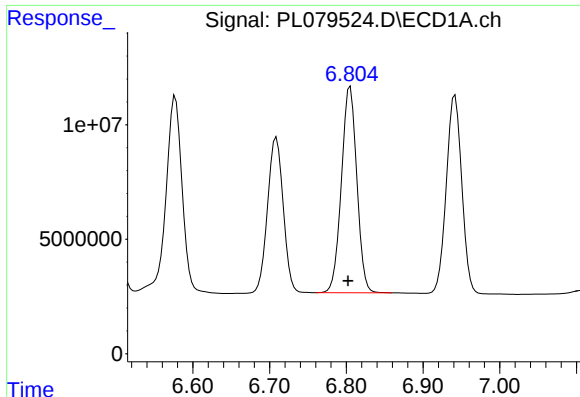
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: 0.003 min
Response: 106909134
Conc: 53.88 ng/ml



#16 4,4'-DDD

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 129045139
Conc: 51.59 ng/ml



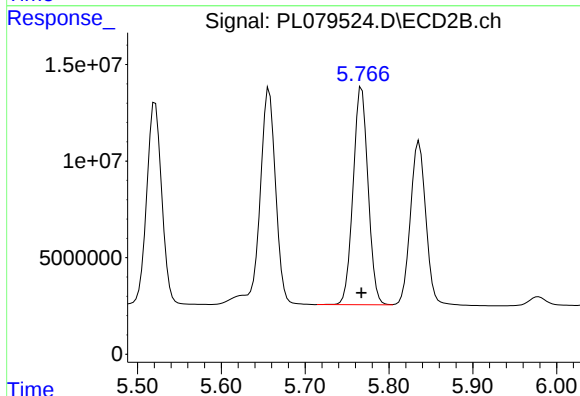
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: 0.003 min
Response: 126042222
Conc: 55.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

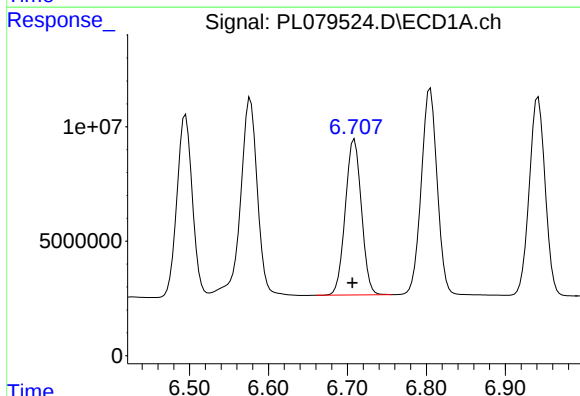
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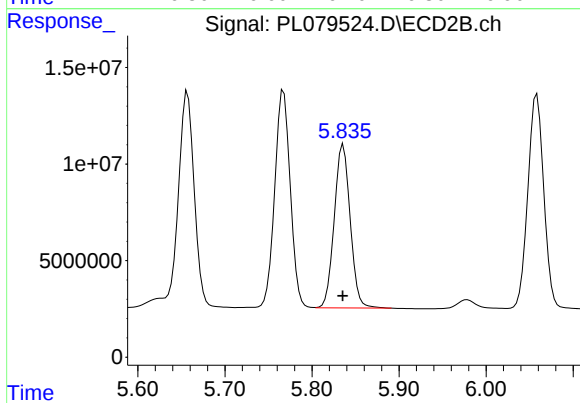
#17 4,4'-DDT

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 140058736
Conc: 53.59 ng/ml



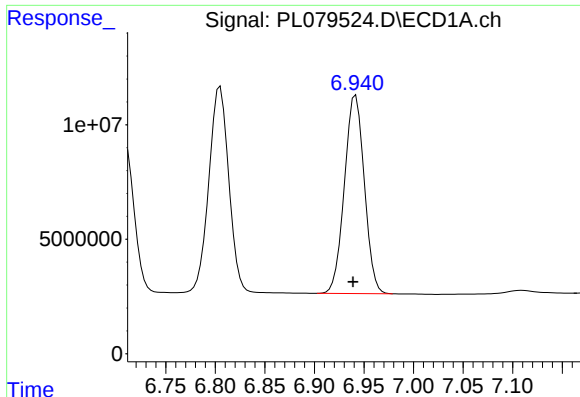
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 96648248
Conc: 53.36 ng/ml



#18 Endrin aldehyde

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 107725129
Conc: 50.61 ng/ml



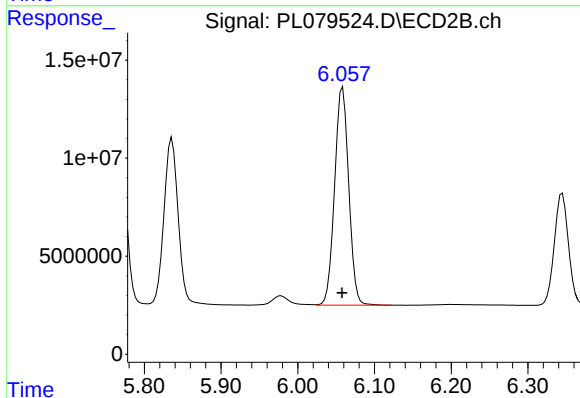
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.003 min
Response: 121204536
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

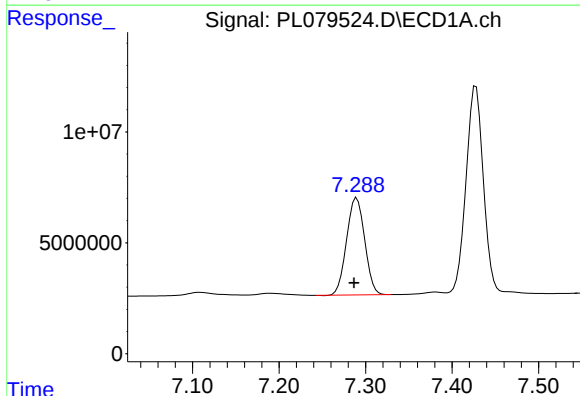
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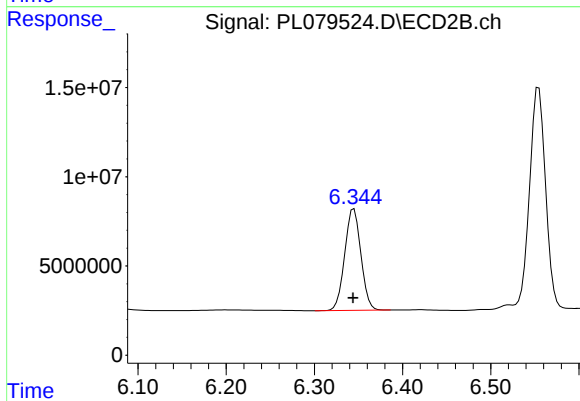
#19 Endosulfan Sulfate

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 142055505
Conc: 50.34 ng/ml



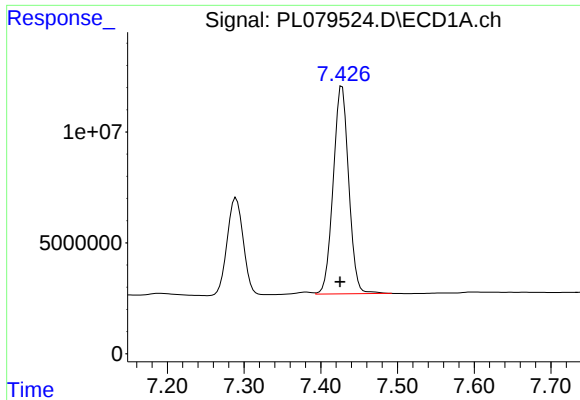
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: 0.003 min
Response: 63457710
Conc: 52.60 ng/ml



#20 Methoxychlor

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 72482417
Conc: 53.33 ng/ml



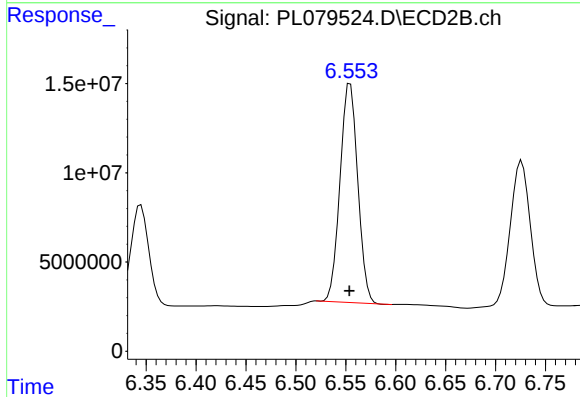
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 131498357
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

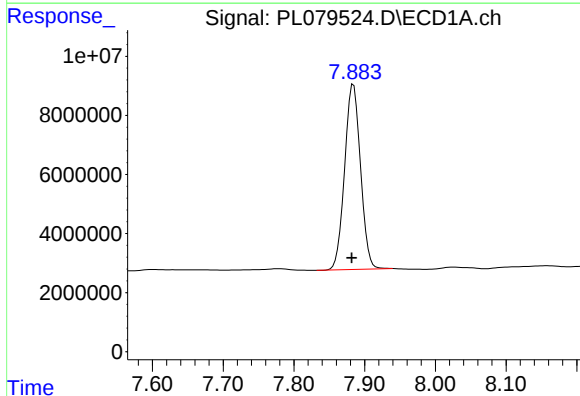
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2022
Supervised By :Ankita Jodhani 12/02/2022



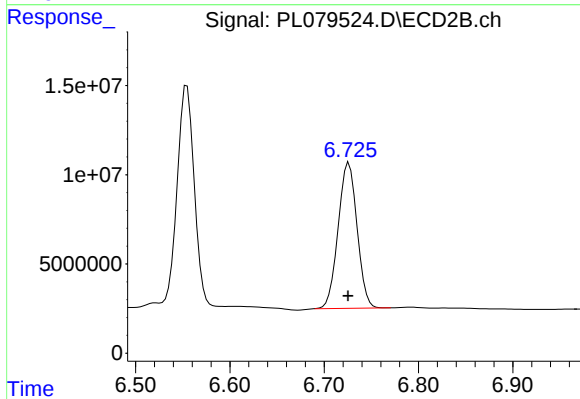
#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 151873292
Conc: 49.31 ng/ml



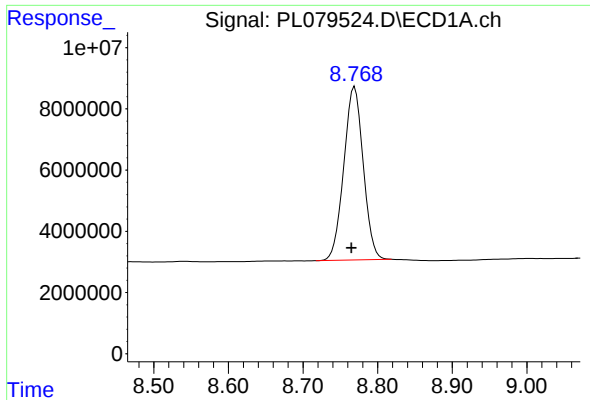
#22 Mirex

R.T.: 7.884 min
Delta R.T.: 0.003 min
Response: 97979433
Conc: 51.73 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 113870905
Conc: 48.15 ng/ml



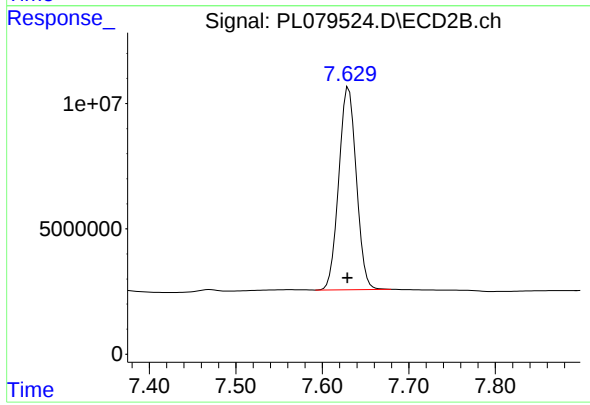
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: 0.004 min
Response: 102555728
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 12/02/2022



#28 Decachlorobiphenyl

R.T.: 7.630 min
Delta R.T.: 0.001 min
Response: 113224855
Conc: 48.20 ng/ml