

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
 Data File : PL080423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 18:09
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL012023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2023
 Supervised By : Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 18:22:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 20 17:01:11 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...	3.352	2.690	107.9E6	113.2E6	50.321	51.529
28)	SA Decachlor...	8.790	7.840	85755776	115.0E6	48.982	48.249
Target Compounds							
2)	A alpha-BHC	3.800	3.191	163.3E6	167.2E6	51.535	52.558
3)	MA gamma-BHC...	4.128	3.520	151.8E6	155.9E6	51.648	52.181
4)	MA Heptachlor	4.713	3.861	150.2E6	163.8E6	50.835	51.473
5)	MB Aldrin	5.051	4.141	138.5E6	152.9E6	50.611	51.829
6)	B beta-BHC	4.324	3.815	67356846	67193785	49.345	50.346
7)	B delta-BHC	4.568	4.045	148.7E6	150.0E6	51.358	52.006
8)	B Heptachlo...	5.476	4.643	128.2E6	142.4E6	49.564	51.162
9)	A Endosulfan I	5.857	5.012	117.7E6	132.6E6	49.841	50.977
10)	B gamma-Chl...	5.729	4.895	127.5E6	144.0E6	50.491m	50.810
11)	B alpha-Chl...	5.809	4.958	126.4E6	144.9E6	50.072	50.592
12)	B 4,4'-DDE	5.987	5.151	112.7E6	120.5E6	50.605	51.091
13)	MA Dieldrin	6.132	5.278	120.8E6	138.4E6	50.459	51.178
14)	MA Endrin	6.359	5.552	107.6E6	120.3E6	49.772	51.840
15)	B Endosulfa...	6.578	5.845	99650266	109.3E6	43.471	52.451m
16)	A 4,4'-DDD	6.502	5.705	90578353	96310151	49.443	51.251
17)	MA 4,4'-DDT	6.814	5.956	101.2E6	107.9E6	48.703	51.325
18)	B Endrin al...	6.707	6.026	80868833	90116594	48.616	49.349
19)	B Endosulfa...	6.941	6.249	103.1E6	116.3E6	49.820	49.988
20)	A Methoxychlor	7.292	6.535	54443671	60228389	49.347	49.633
21)	B Endrin ke...	7.421	6.755	109.2E6	128.3E6	49.501	50.266
22)	Mirex	7.893	6.938	84610848	113.5E6	49.198	49.852

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2023 18:09
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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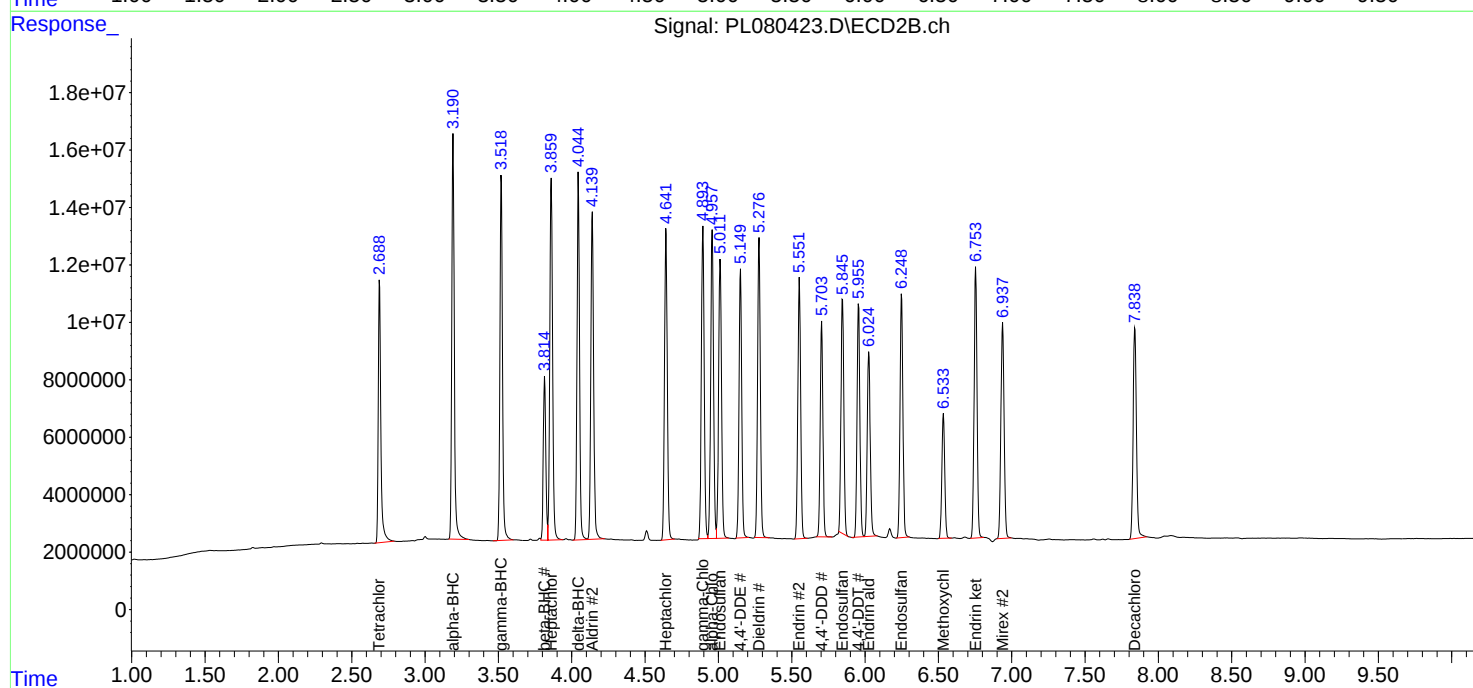
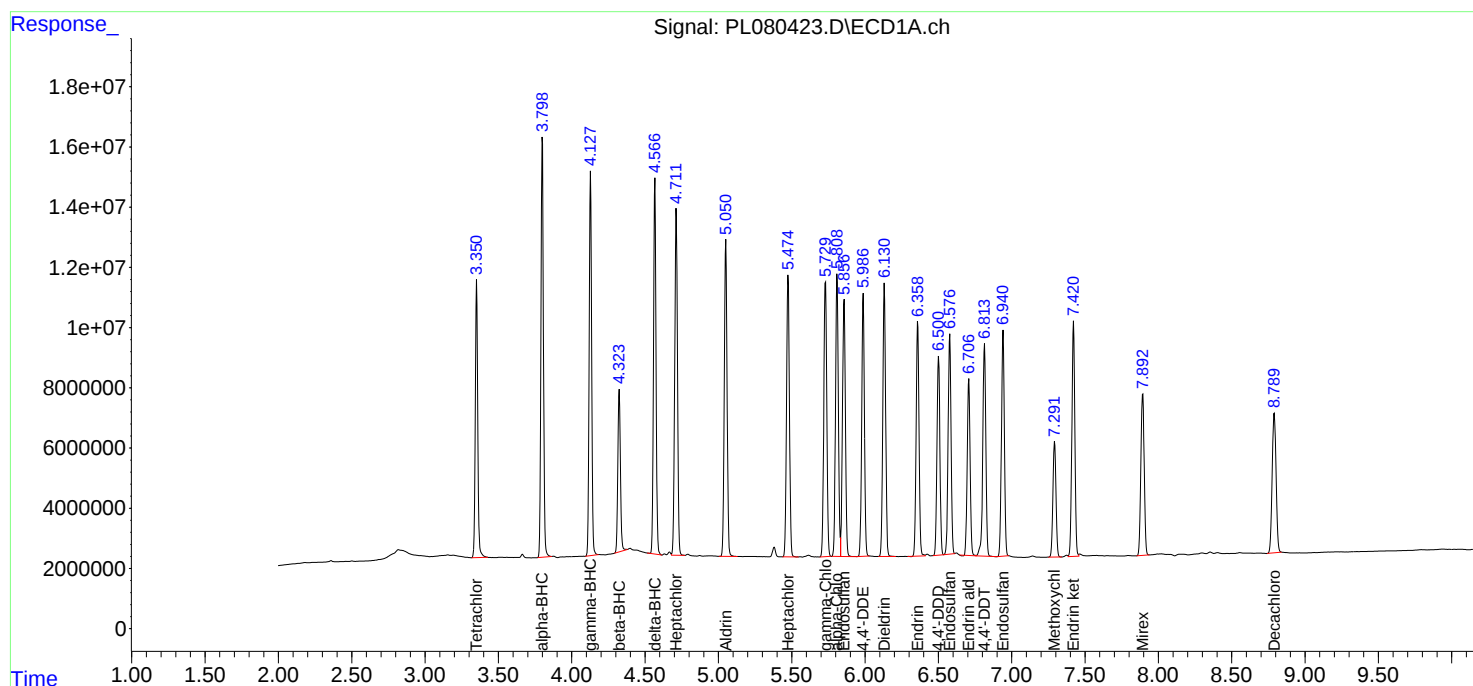
Manual Integrations

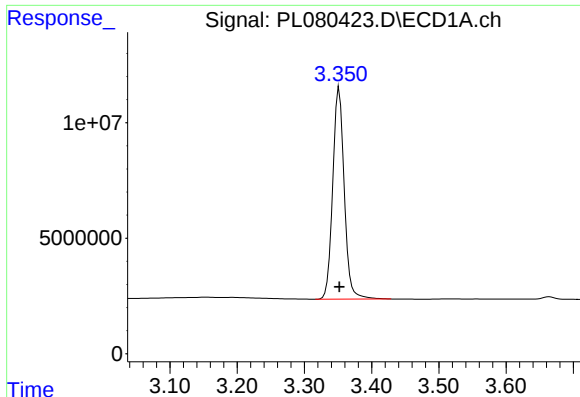
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Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 18:22:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Fri Jan 20 17:01:11 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.: 3.352 min
Delta R.T.: 0.000 min
Response: 107930804
Conc: 50.32 ng/ml

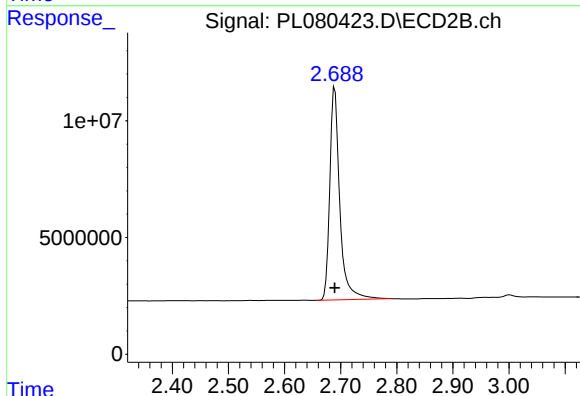
Instrument :

ECD_L

ClientSampleId :
ICVPL012023

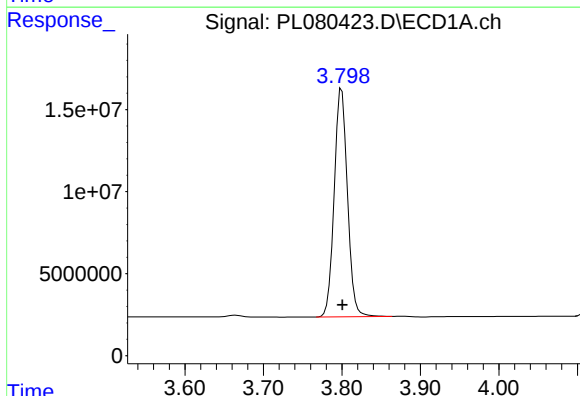
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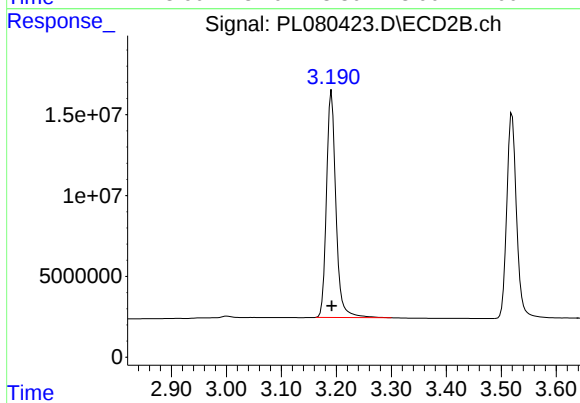
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 113181784
Conc: 51.53 ng/ml



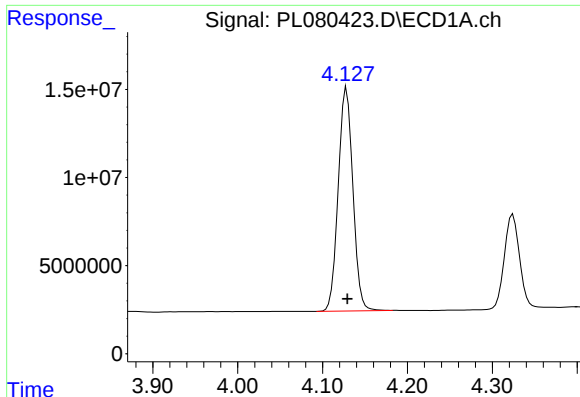
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 163265787
Conc: 51.54 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 167157425
Conc: 52.56 ng/ml



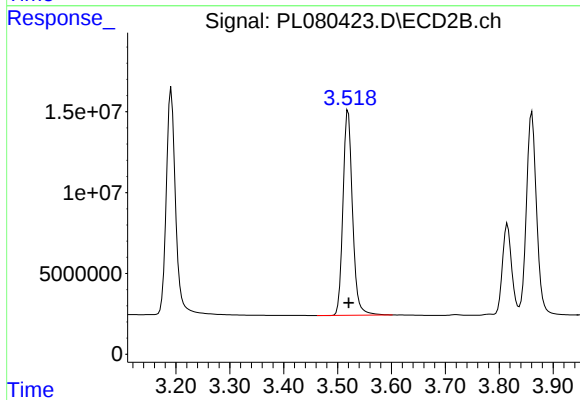
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 151832475
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

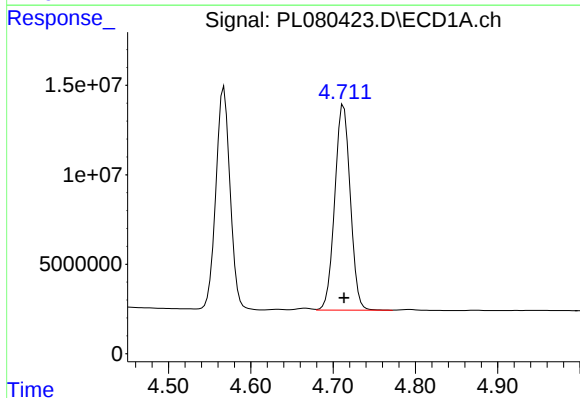
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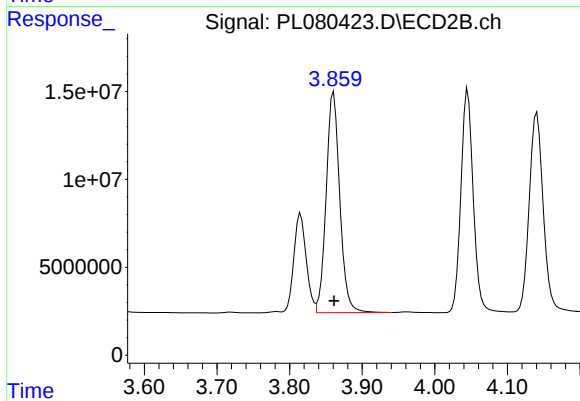
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 155881898
Conc: 52.18 ng/ml



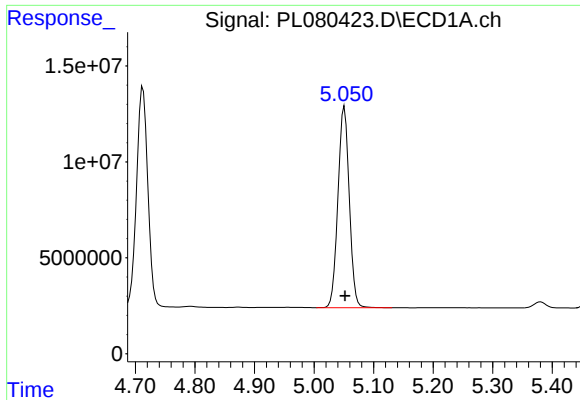
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 150227553
Conc: 50.83 ng/ml



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 163807273
Conc: 51.47 ng/ml



#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 138461909
Conc: 50.61 ng/ml

Instrument :

ECD_L

ClientSampleId :

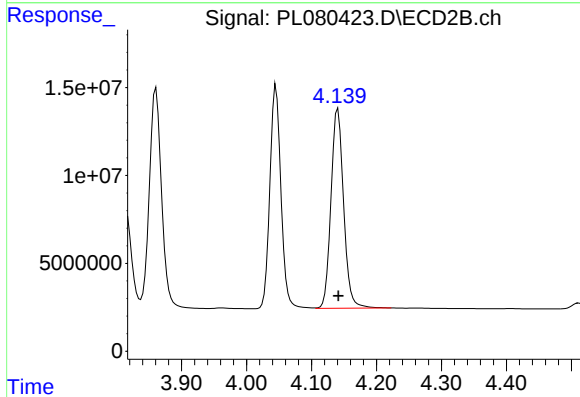
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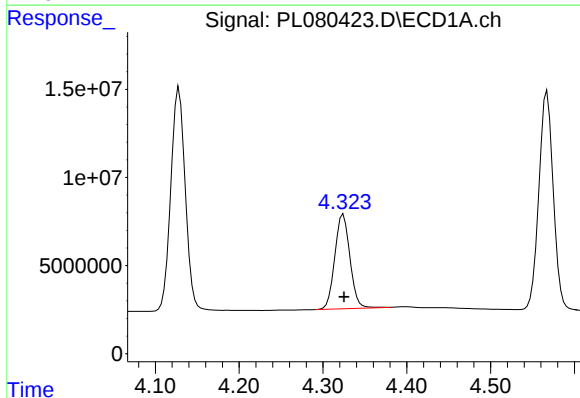
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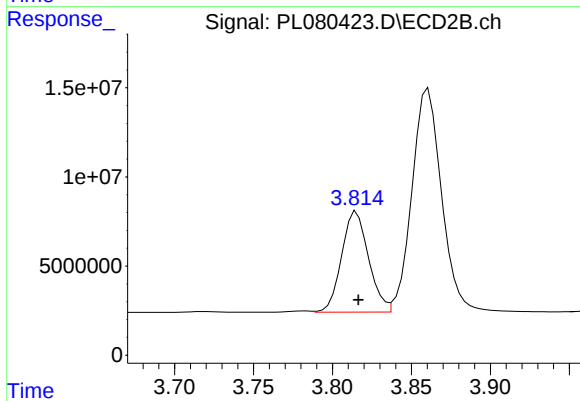
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 152873172
Conc: 51.83 ng/ml



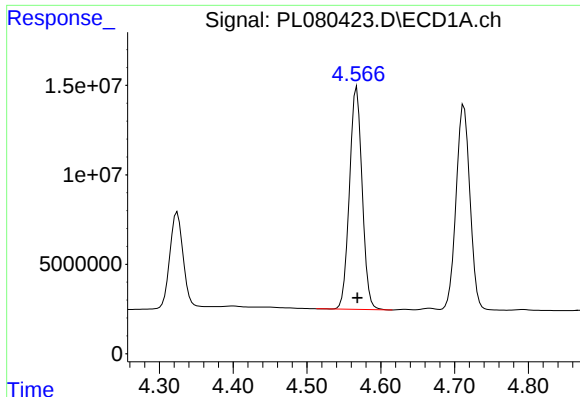
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 67356846
Conc: 49.34 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 67193785
Conc: 50.35 ng/ml



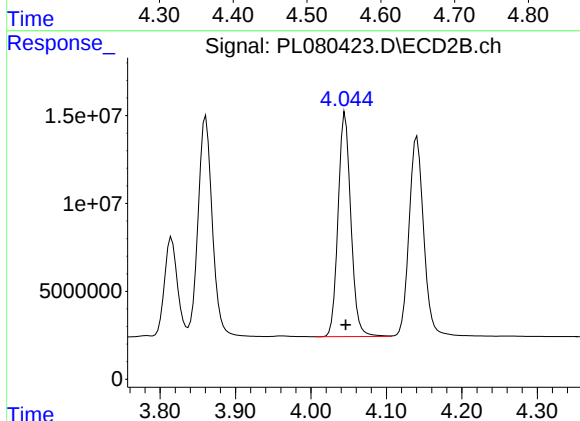
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 148679812
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

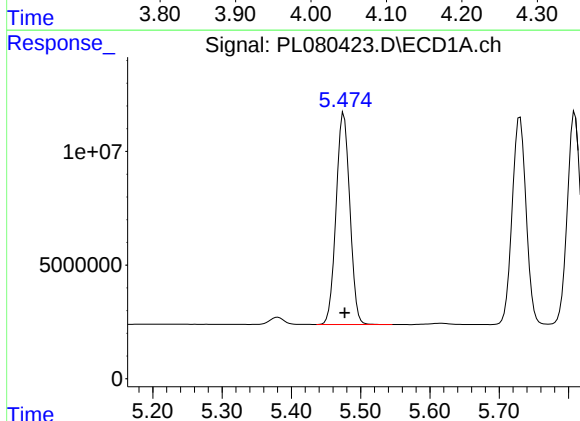
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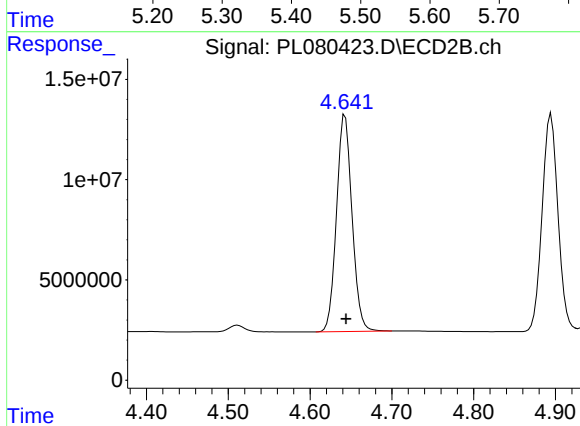
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 150009129
Conc: 52.01 ng/ml



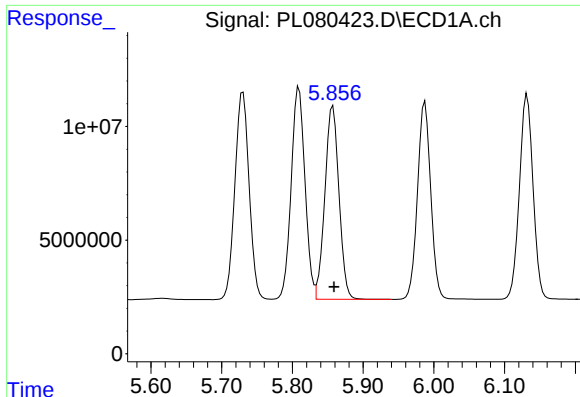
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 128226252
Conc: 49.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.001 min
Response: 142350036
Conc: 51.16 ng/ml



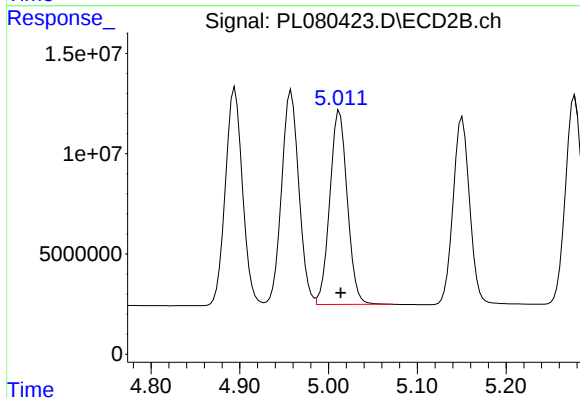
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 117696596
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

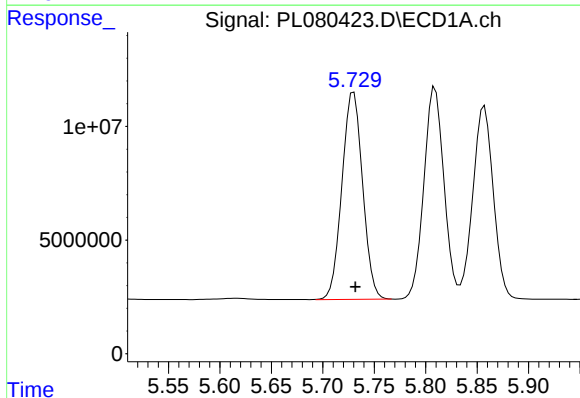
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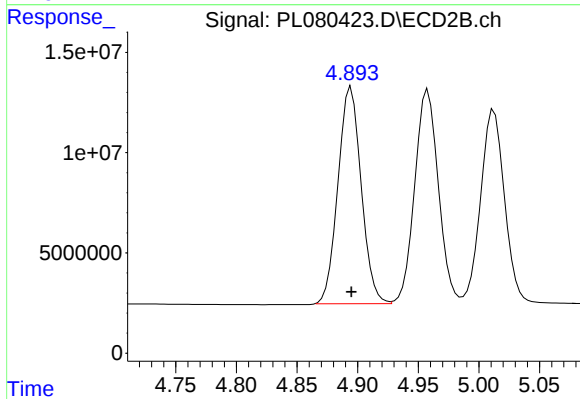
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 132608199
Conc: 50.98 ng/ml



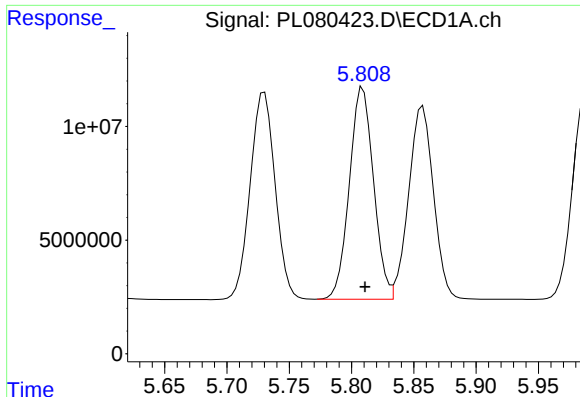
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 127526229
Conc: 50.49 ng/ml m



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 144006498
Conc: 50.81 ng/ml



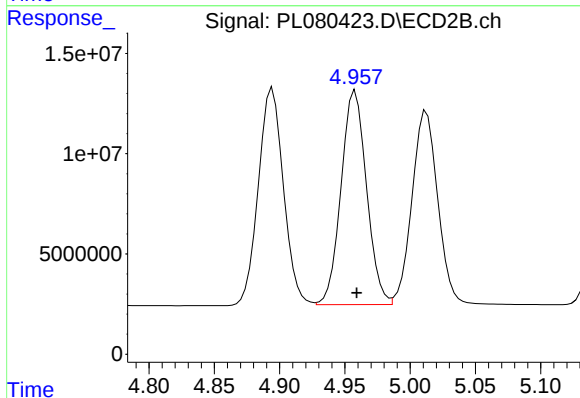
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 126395102
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

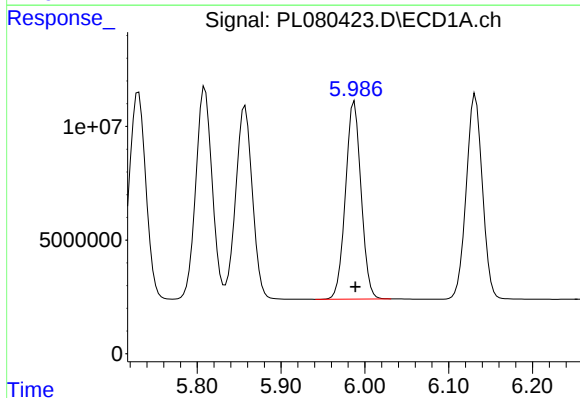
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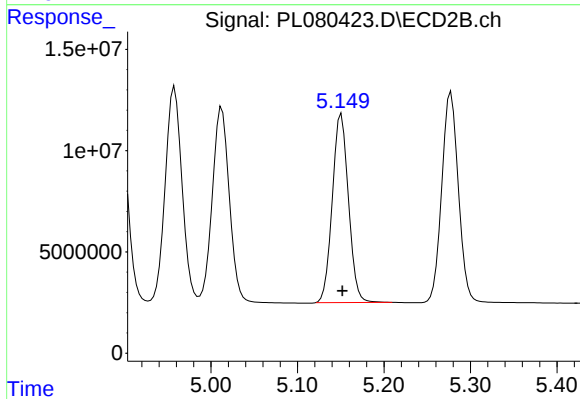
#11 alpha-Chlordane

R.T.: 4.958 min
Delta R.T.: -0.001 min
Response: 144930071
Conc: 50.59 ng/ml



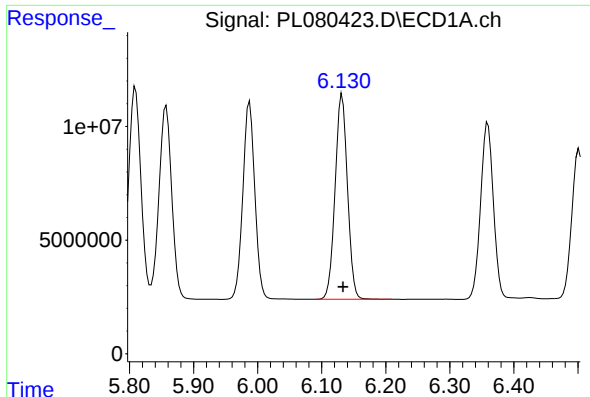
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 112714119
Conc: 50.60 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 120515290
Conc: 51.09 ng/ml



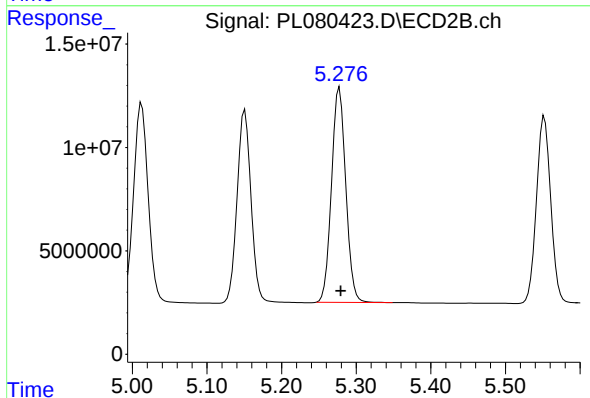
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 120765993
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

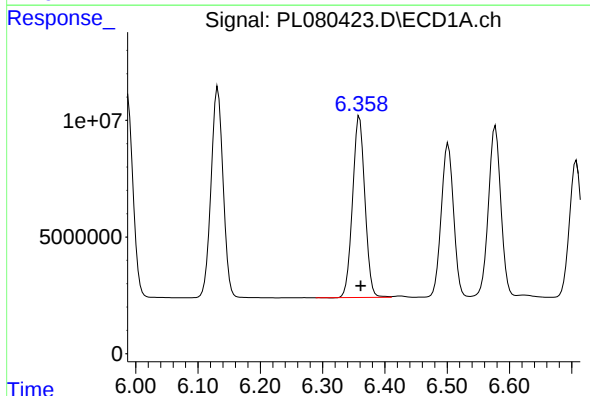
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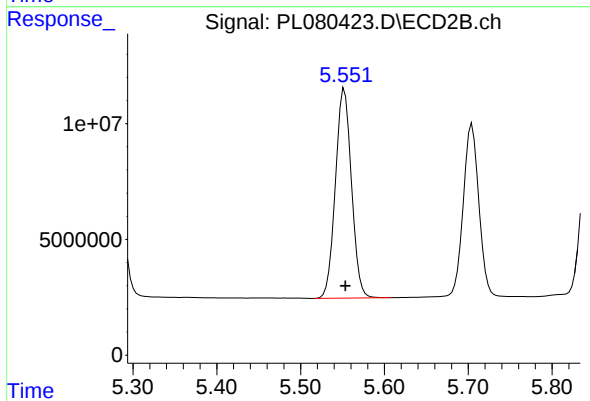
#13 Dieldrin

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 138435356
Conc: 51.18 ng/ml



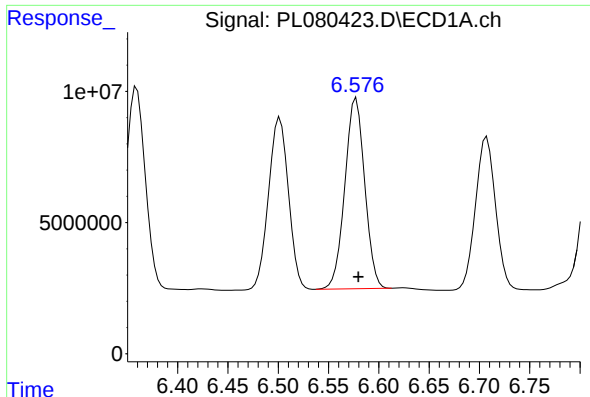
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 107641164
Conc: 49.77 ng/ml



#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 120327945
Conc: 51.84 ng/ml



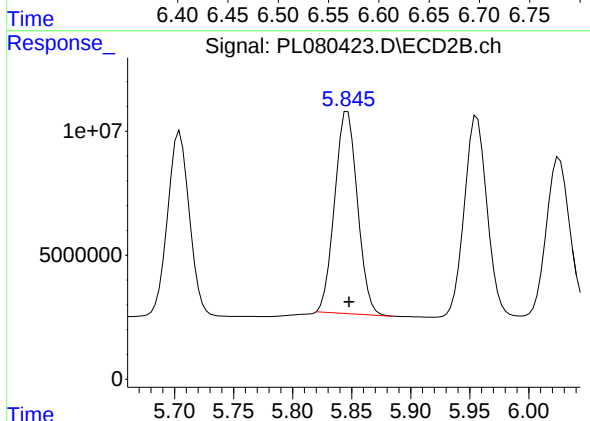
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 99650266
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

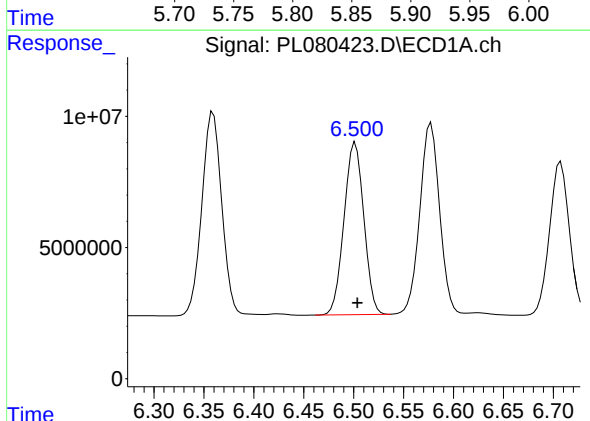
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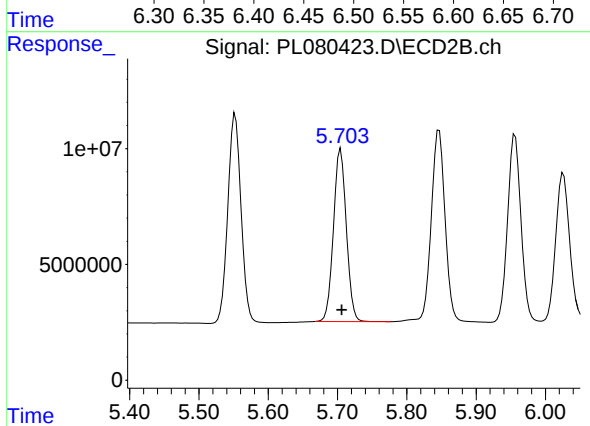
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.003 min
Response: 109293309
Conc: 52.45 ng/ml m



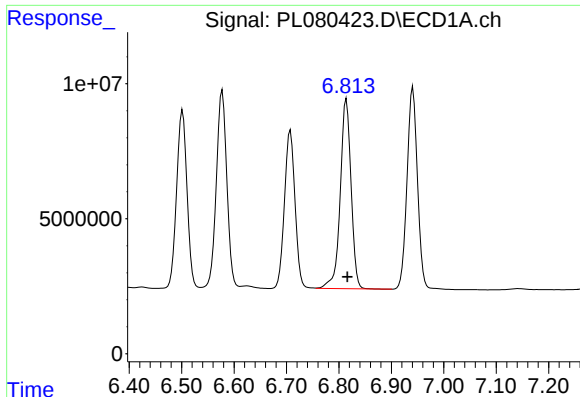
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 90578353
Conc: 49.44 ng/ml



#16 4,4'-DDD

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 96310151
Conc: 51.25 ng/ml



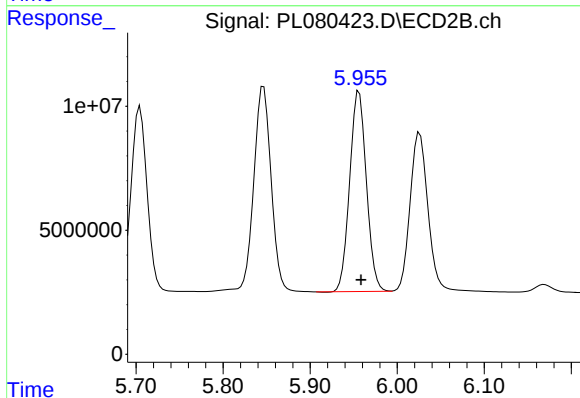
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 101188834
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

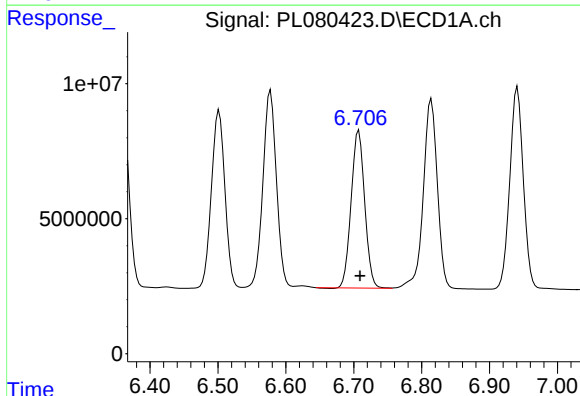
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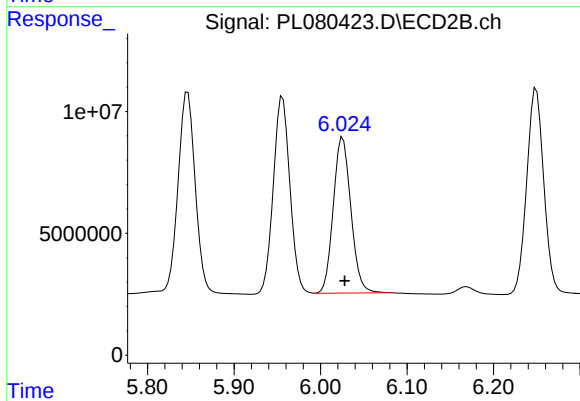
#17 4,4'-DDT

R.T.: 5.956 min
Delta R.T.: -0.002 min
Response: 107857779
Conc: 51.32 ng/ml



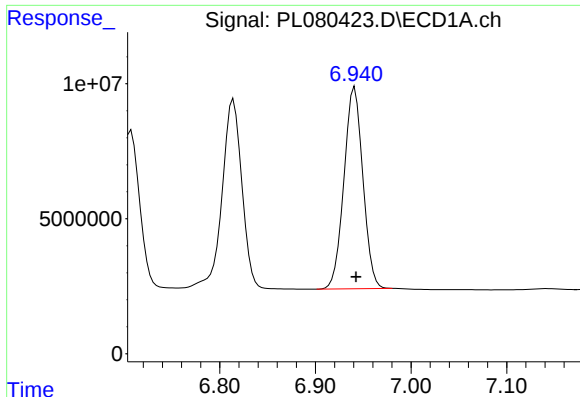
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 80868833
Conc: 48.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 90116594
Conc: 49.35 ng/ml



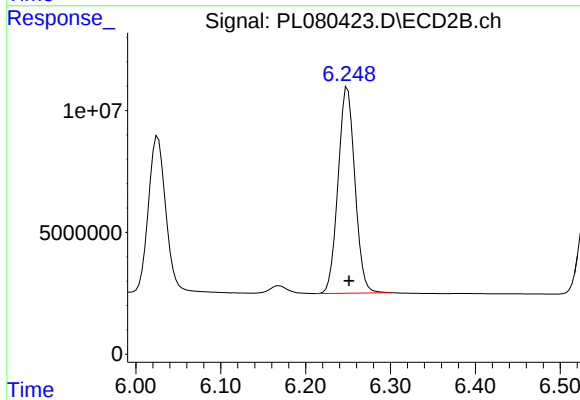
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 103123464
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

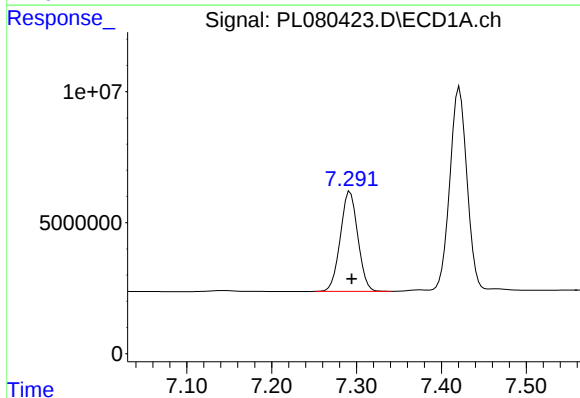
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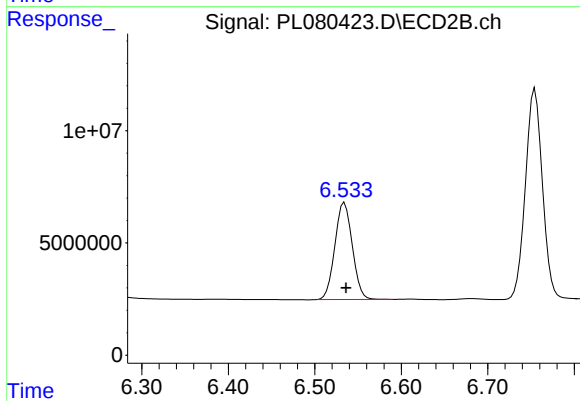
#19 Endosulfan Sulfate

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 116255177
Conc: 49.99 ng/ml



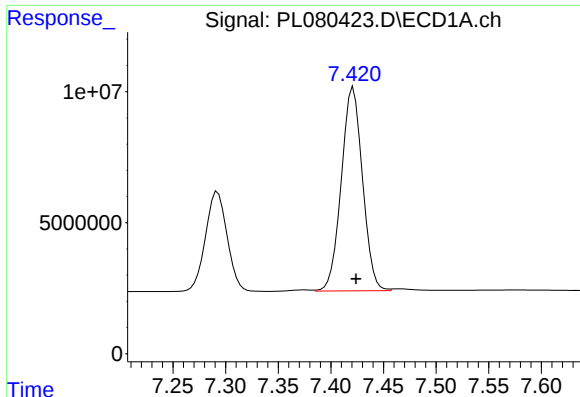
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 54443671
Conc: 49.35 ng/ml



#20 Methoxychlor

R.T.: 6.535 min
Delta R.T.: -0.002 min
Response: 60228389
Conc: 49.63 ng/ml



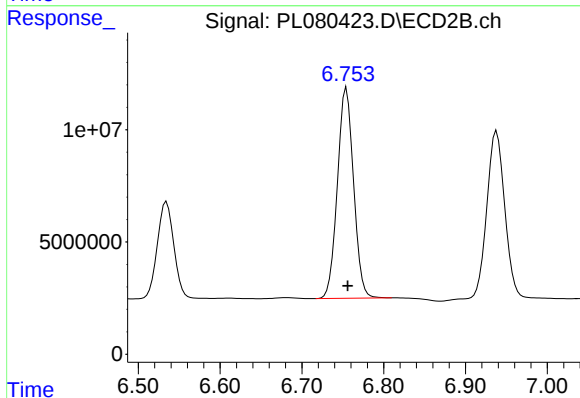
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.002 min
Response: 109216824
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

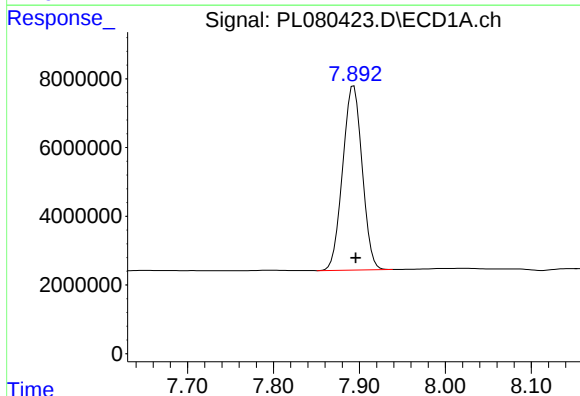
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



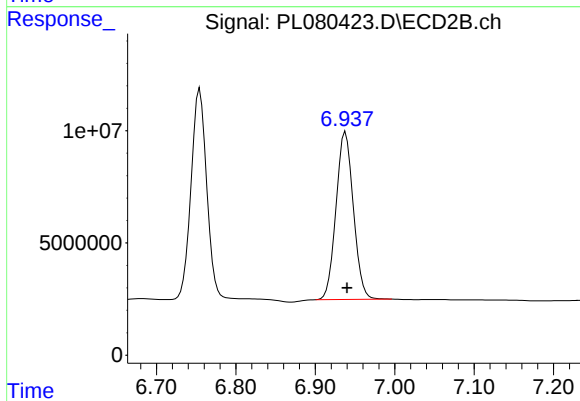
#21 Endrin ketone

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 128339648
Conc: 50.27 ng/ml



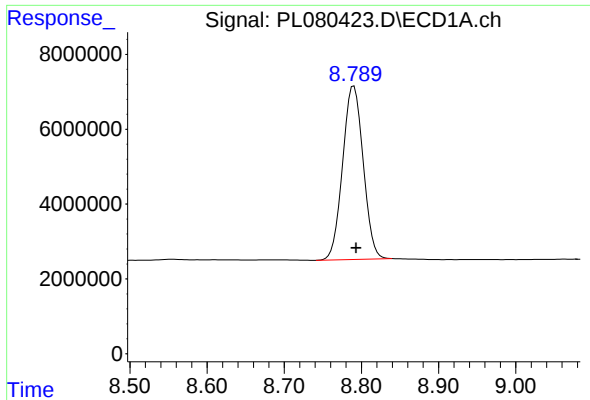
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 84610848
Conc: 49.20 ng/ml



#22 Mirex

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 113499744
Conc: 49.85 ng/ml



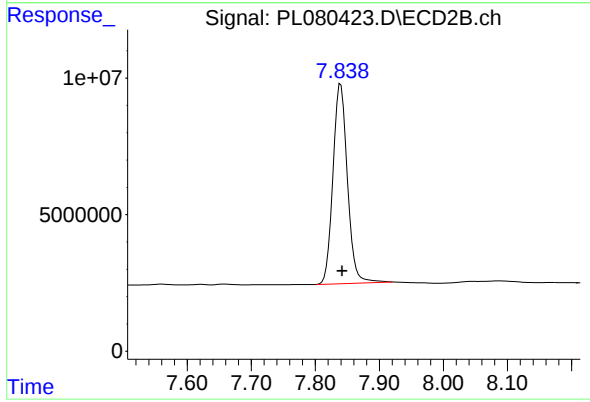
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 85755776
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL012023

Manual Integrations
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Supervised By :Ankita Jodhani 01/23/2023



#28 Decachlorobiphenyl

R.T.: 7.840 min
Delta R.T.: -0.002 min
Response: 114955918
Conc: 48.25 ng/ml