

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
 Data File : PL080430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 20:55
 Operator : AR\AJ
 Sample : PB150373BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150373BS

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 21 06:12:59 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...	3.351	2.689	39182270	40489999	18.268	18.434
28)	SA Decachlor...	8.790	7.839	35399616	47662736	20.220	20.005
Target Compounds							
2)	A alpha-BHC	3.800	3.191	142.4E6	144.5E6	44.938	45.434
3)	MA gamma-BHC...	4.128	3.519	133.2E6	135.2E6	45.307	45.259
4)	MA Heptachlor	4.712	3.860	134.7E6	143.5E6	45.584	45.078
5)	MB Aldrin	5.050	4.140	127.6E6	137.6E6	46.656	46.645
6)	B beta-BHC	4.324	3.815	58430550	56882017	42.806	42.620
7)	B delta-BHC	4.567	4.045	131.7E6	130.0E6	45.484	45.057
8)	B Heptachlo...	5.475	4.642	116.8E6	127.8E6	45.132	45.918
9)	A Endosulfan I	5.857	5.012	106.3E6	116.8E6	45.033	44.895
10)	B gamma-Chl...	5.730	4.894	113.9E6	126.2E6	45.087	44.530
11)	B alpha-Chl...	5.809	4.957	115.6E6	127.9E6	45.788	44.637
12)	B 4,4'-DDE	5.987	5.150	102.4E6	106.2E6	45.996	45.008
13)	MA Dieldrin	6.131	5.277	113.9E6	128.1E6	47.590	47.370
14)	MA Endrin	6.358	5.552	101.9E6	115.0E6	47.121	49.532
15)	B Endosulfa...	6.578	5.844	97349432	108.9E6	42.468	52.240m
16)	A 4,4'-DDD	6.501	5.704	82866986	85491572	45.233	45.494
17)	MA 4,4'-DDT	6.815	5.955	90601712	94556365	43.607	44.995
18)	B Endrin al...	6.707	6.026	81908151	89463150	49.241	48.991
19)	B Endosulfa...	6.941	6.249	96840253	107.5E6	46.785	46.227
20)	A Methoxychlor	7.292	6.534	51212061	55025954	46.418	45.346
21)	B Endrin ke...	7.420	6.754	101.9E6	118.9E6	46.196	46.586
22)	Mirex	7.893	6.938	82811754	109.2E6	48.152	47.943

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080430.D
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Acq On : 20 Jan 2023 20:55
Operator : AR\AJ
Sample : PB150373BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150373BS

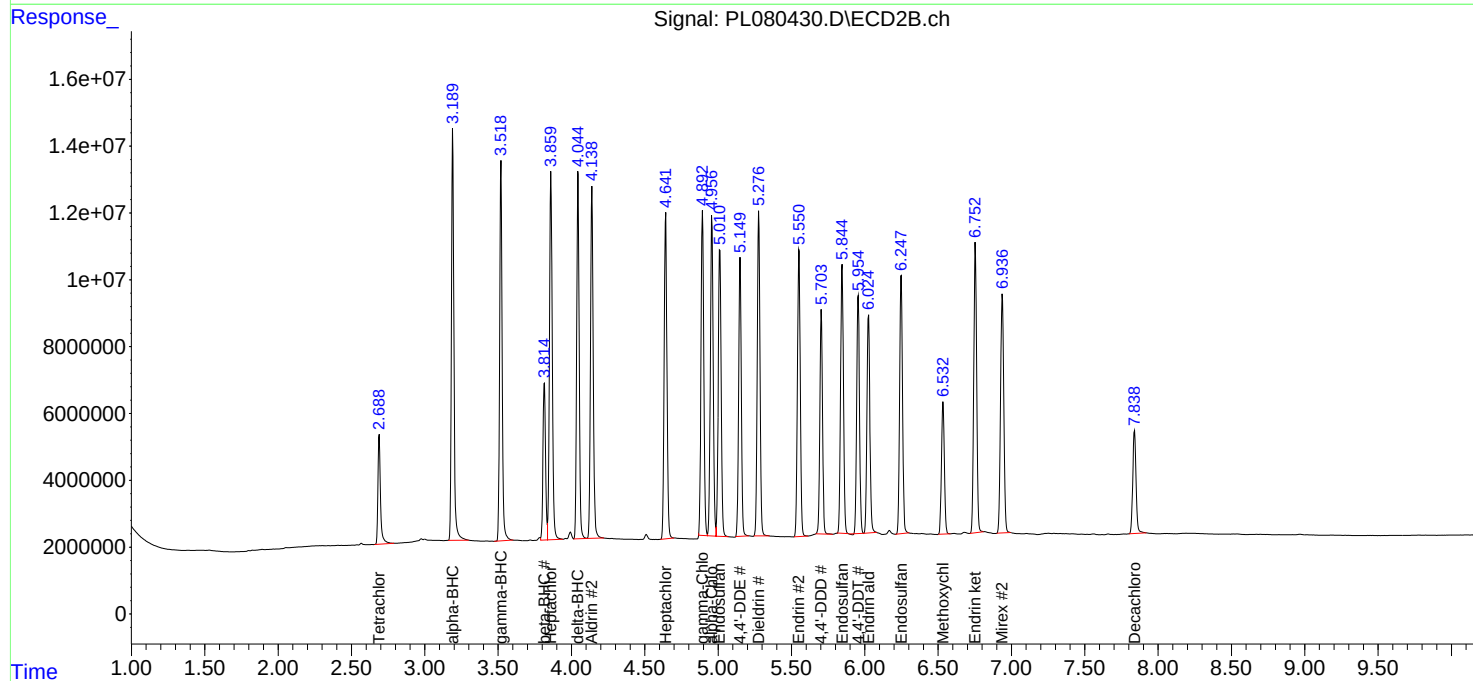
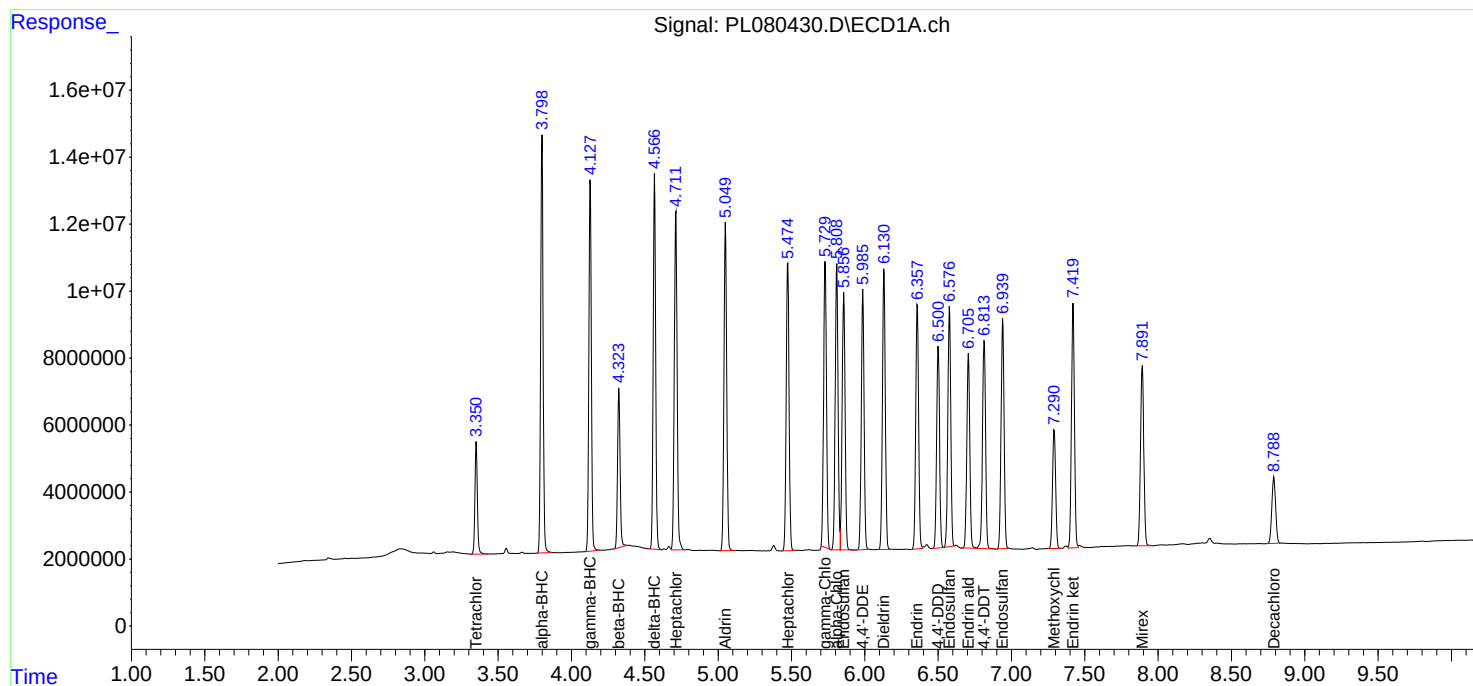
Manual Integrations

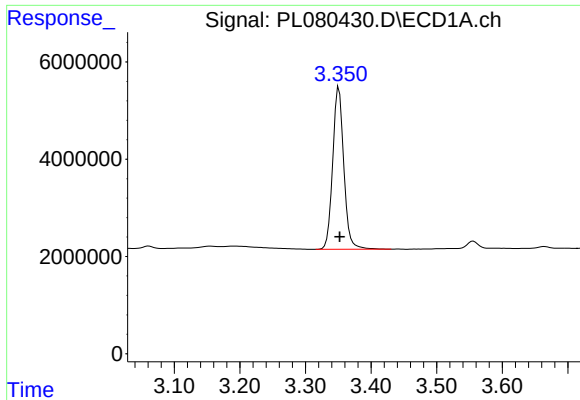
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Supervised By :Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 06:12:59 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





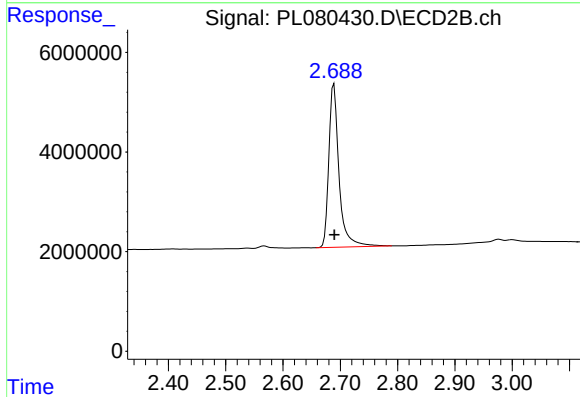
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 39182270
Conc: 18.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

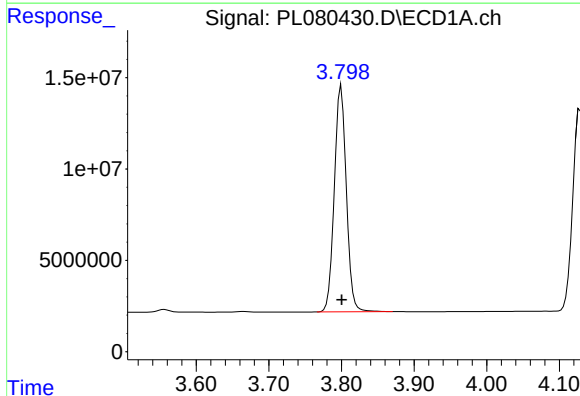
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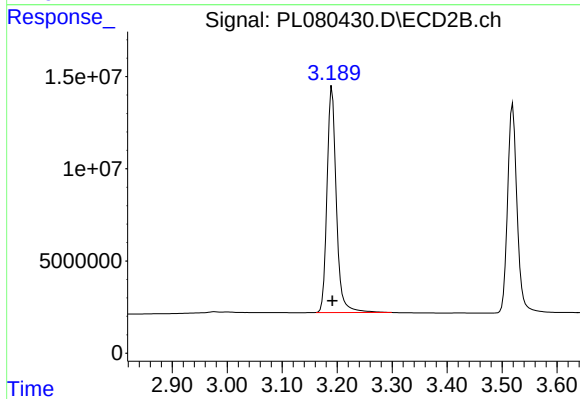
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 40489999
Conc: 18.43 ng/ml



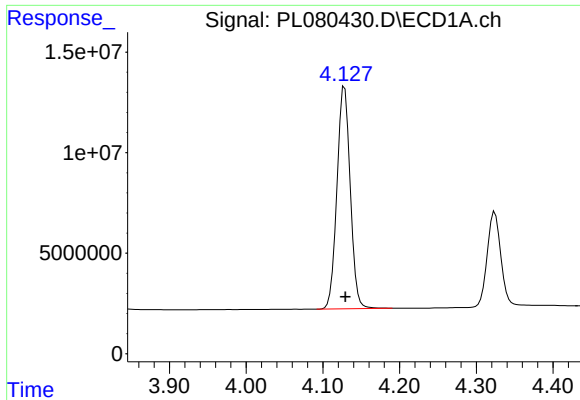
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 142364626
Conc: 44.94 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 144497647
Conc: 45.43 ng/ml



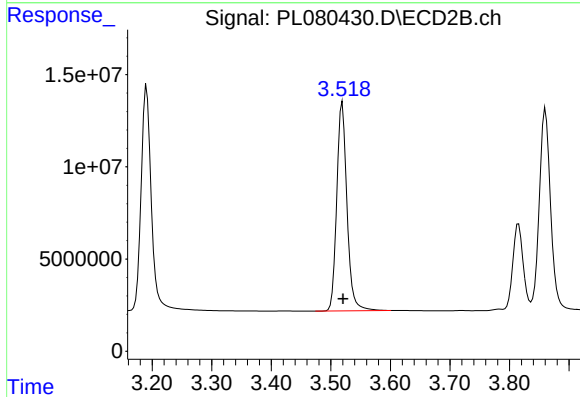
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 133193517
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

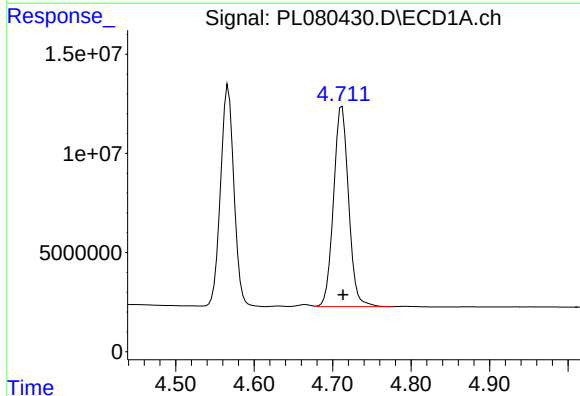
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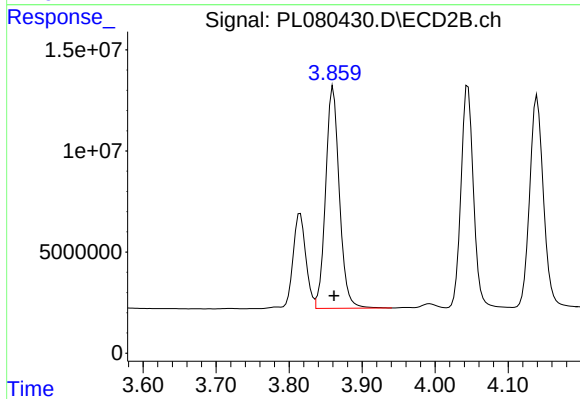
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 135201948
Conc: 45.26 ng/ml



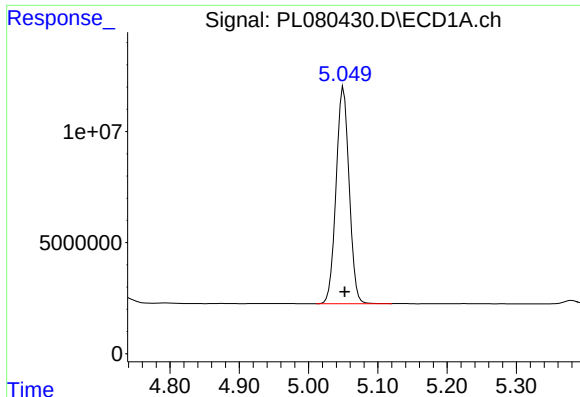
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 134709438
Conc: 45.58 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.001 min
Response: 143454340
Conc: 45.08 ng/ml



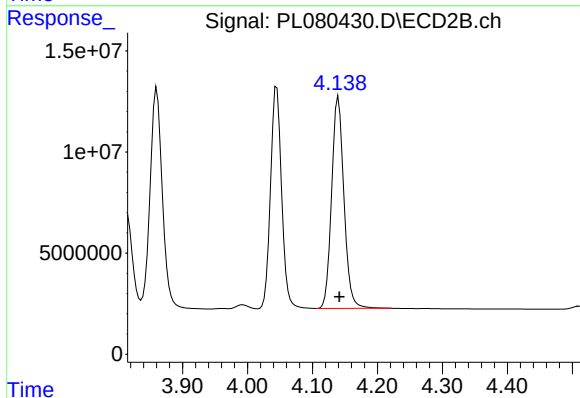
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 127641174
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

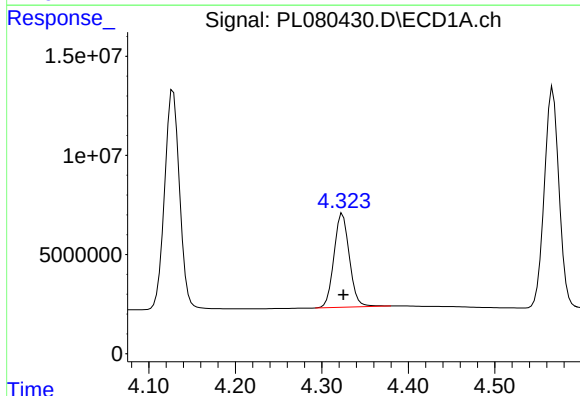
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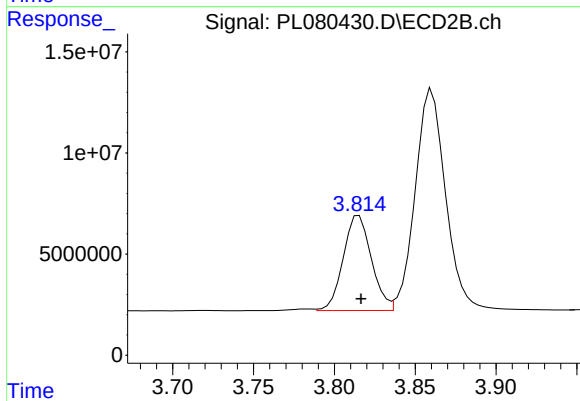
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.001 min
Response: 137583692
Conc: 46.65 ng/ml



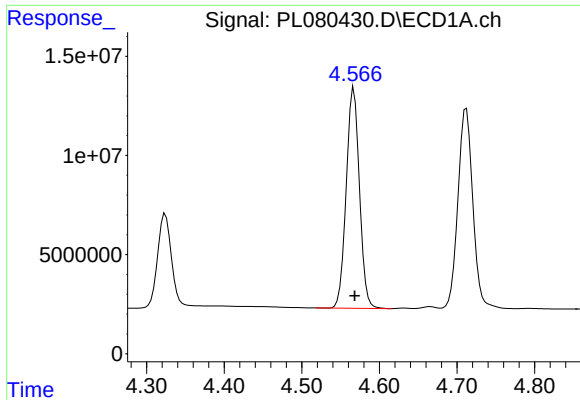
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 58430550
Conc: 42.81 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 56882017
Conc: 42.62 ng/ml



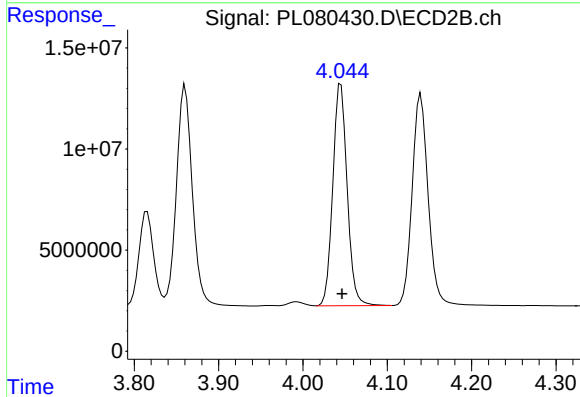
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 131675021
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

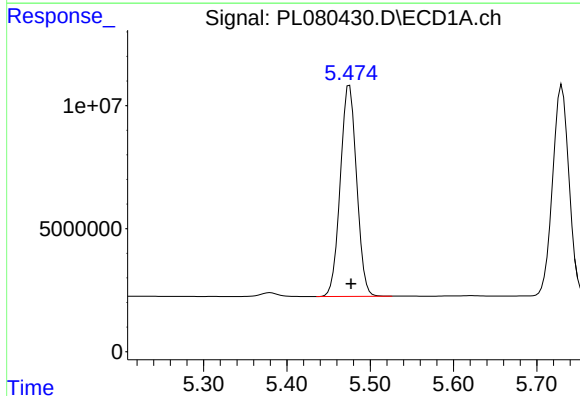
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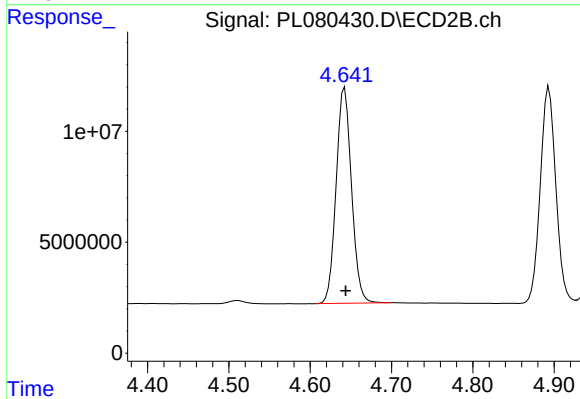
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 129963071
Conc: 45.06 ng/ml



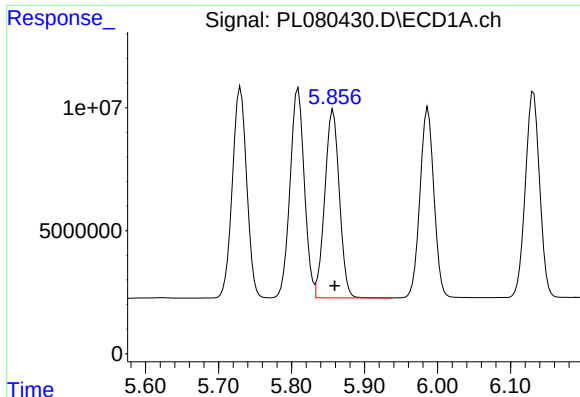
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 116759520
Conc: 45.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 127758893
Conc: 45.92 ng/ml



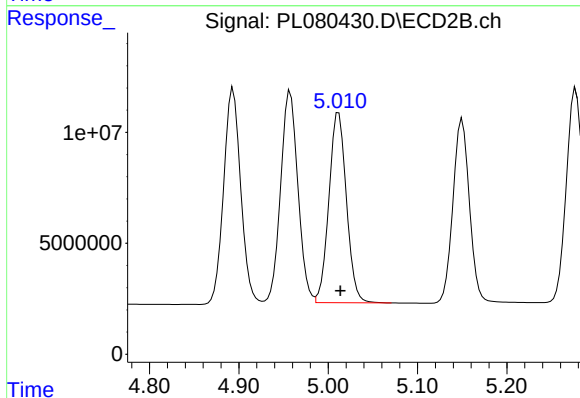
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 106343060
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

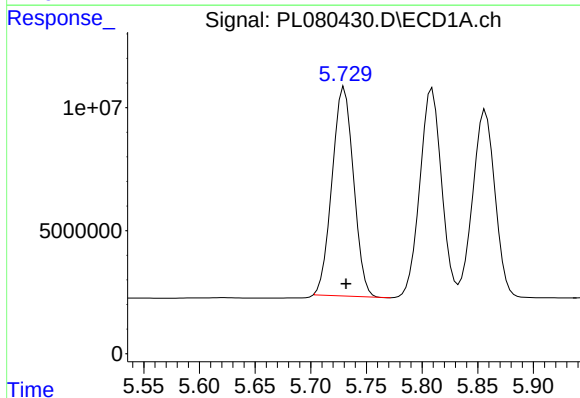
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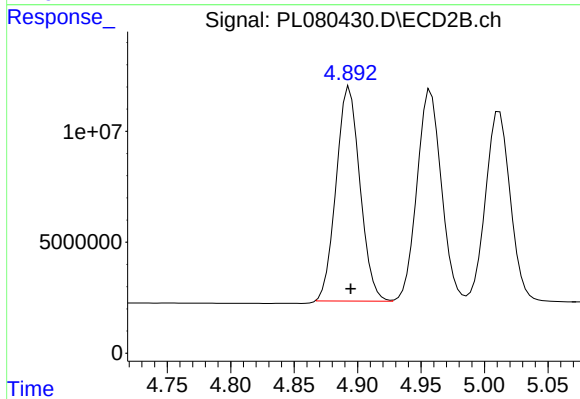
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 116786306
Conc: 44.89 ng/ml



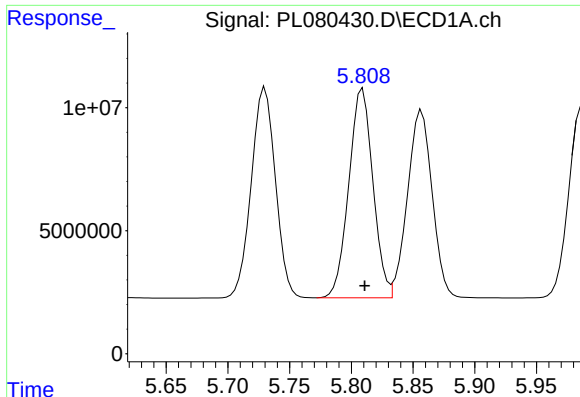
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 113877744
Conc: 45.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.894 min
Delta R.T.: -0.001 min
Response: 126207740
Conc: 44.53 ng/ml



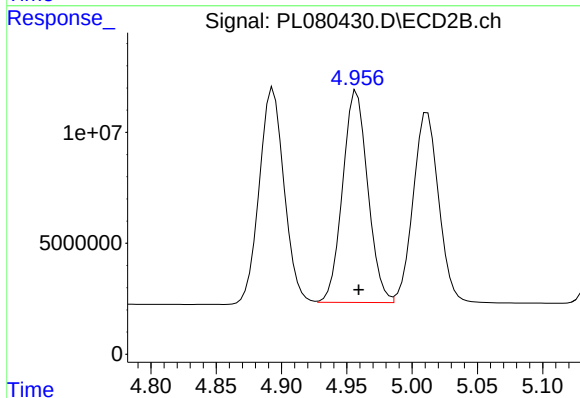
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 115581120
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

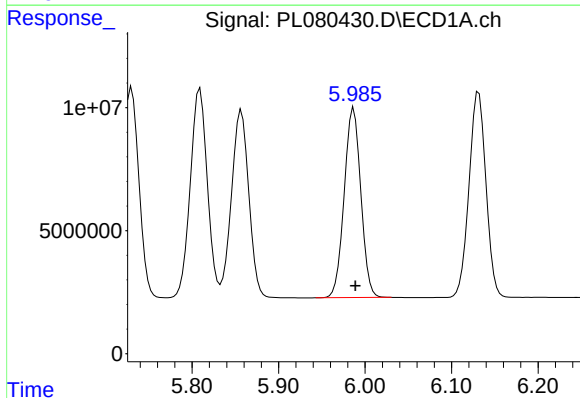
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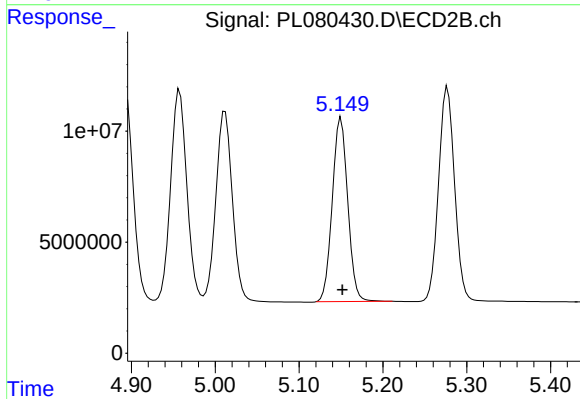
#11 alpha-Chlordane

R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 127870275
Conc: 44.64 ng/ml



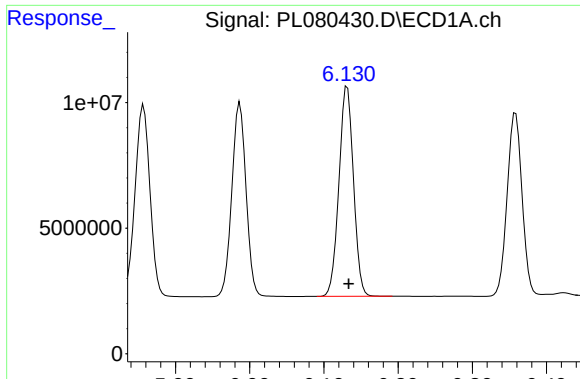
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 102448834
Conc: 46.00 ng/ml



#12 4,4'-DDE

R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 106166926
Conc: 45.01 ng/ml



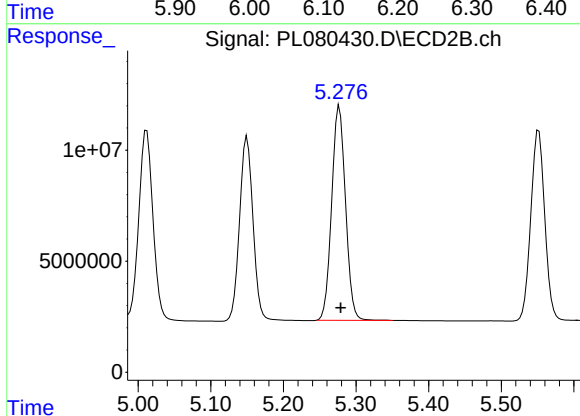
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 113900143
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

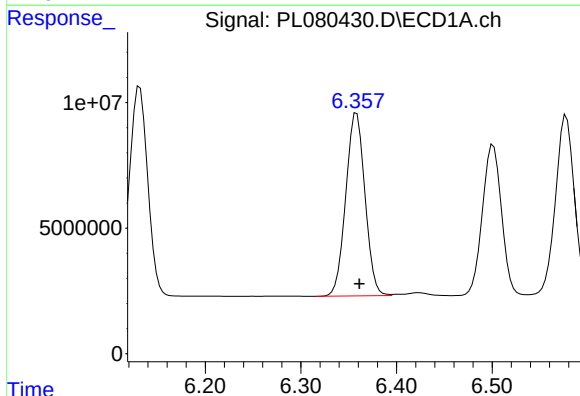
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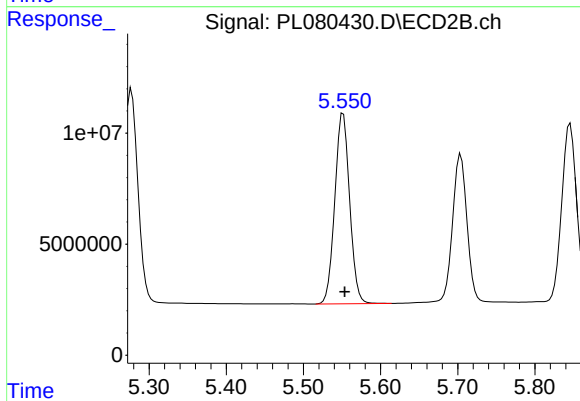
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 128134728
Conc: 47.37 ng/ml



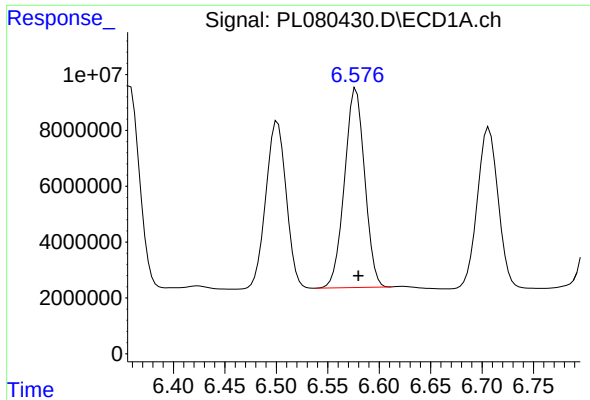
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 101908127
Conc: 47.12 ng/ml



#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 114970816
Conc: 49.53 ng/ml



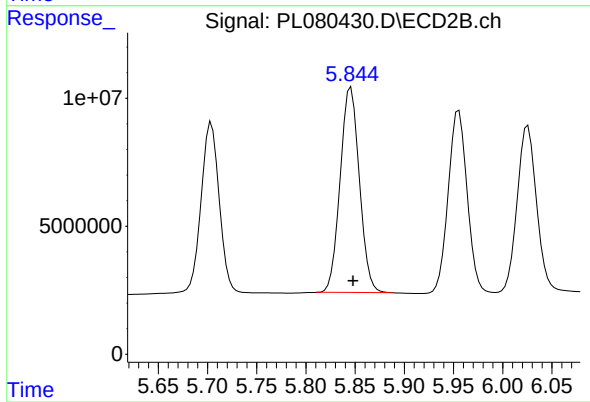
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 97349432
Conc: 42.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

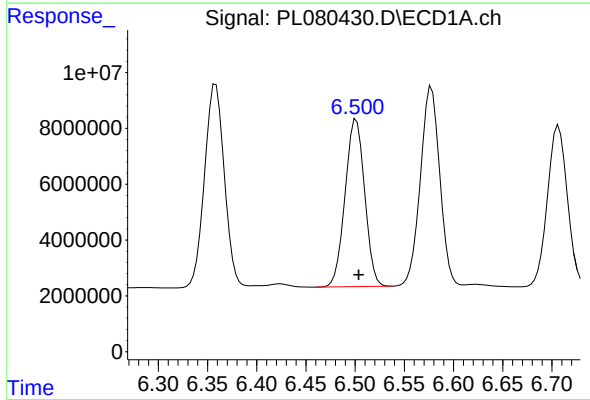
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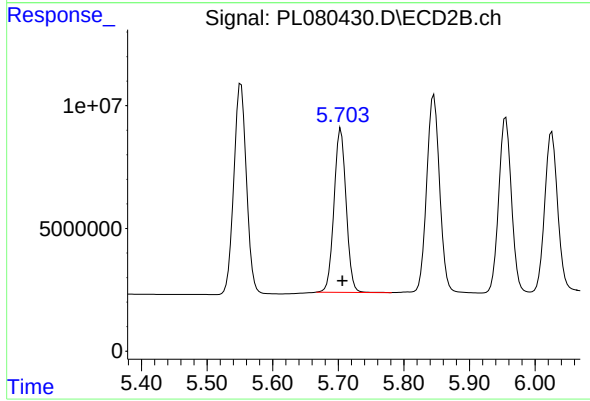
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.003 min
Response: 108854507
Conc: 52.24 ng/ml m



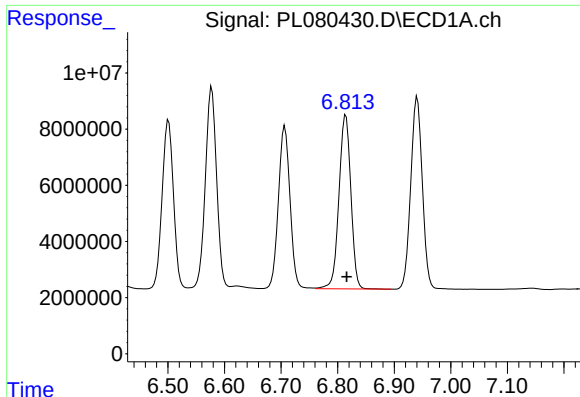
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 82866986
Conc: 45.23 ng/ml



#16 4,4'-DDD

R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 85491572
Conc: 45.49 ng/ml



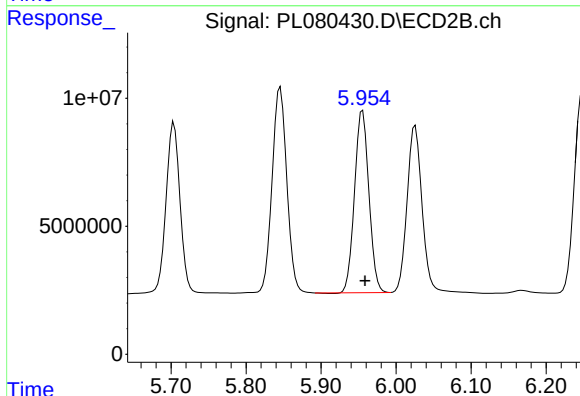
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 90601712
Conc: 43.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

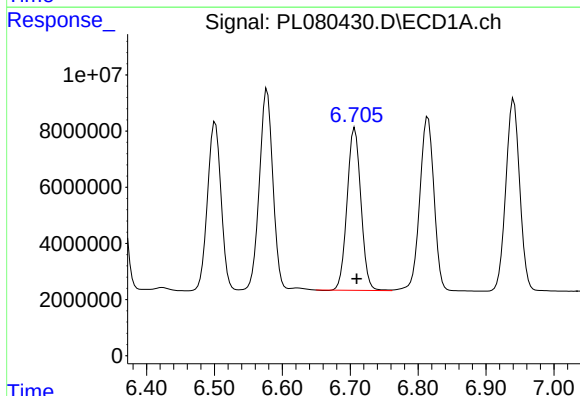
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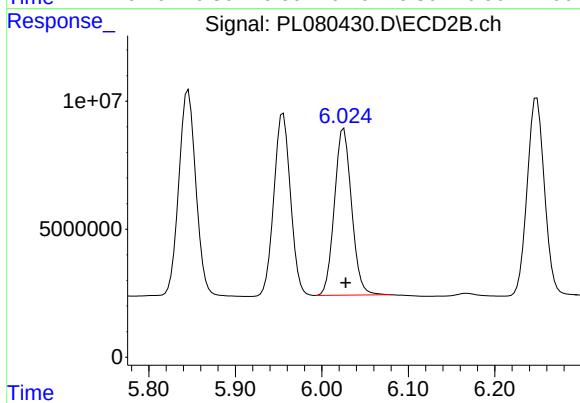
#17 4,4'-DDT

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 94556365
Conc: 45.00 ng/ml



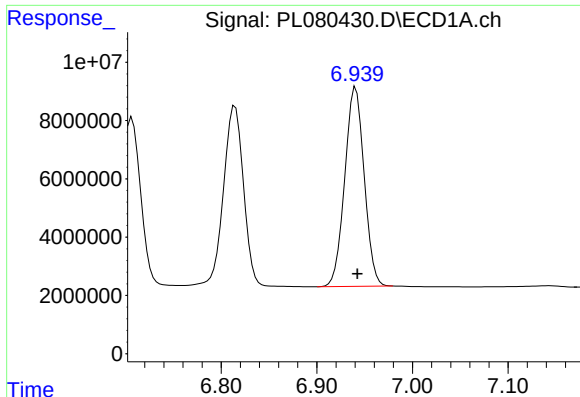
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 81908151
Conc: 49.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 89463150
Conc: 48.99 ng/ml



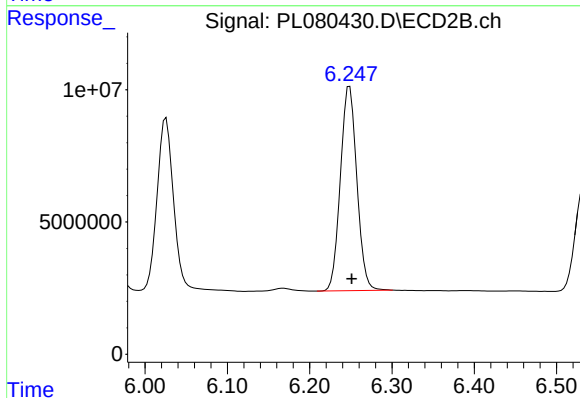
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 96840253
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

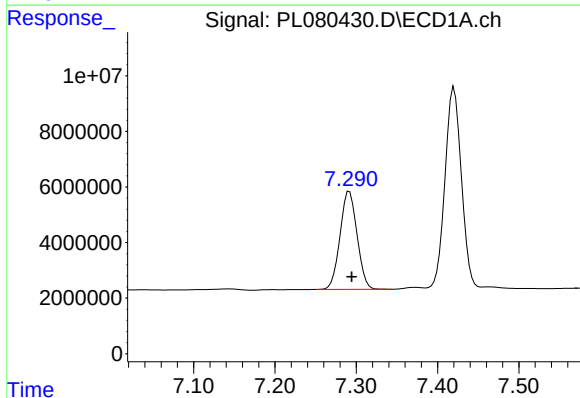
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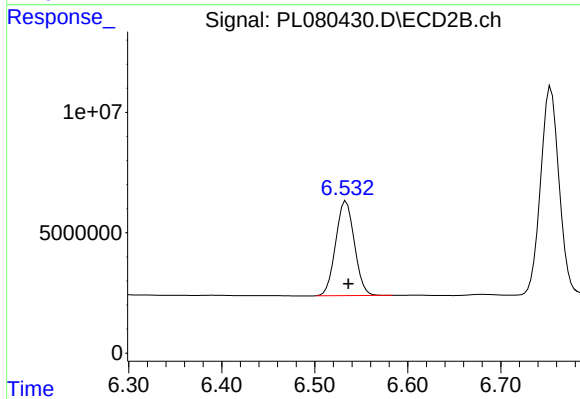
#19 Endosulfan Sulfate

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 107509130
Conc: 46.23 ng/ml



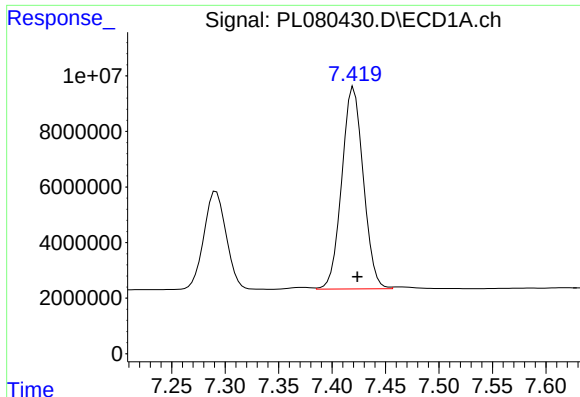
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 51212061
Conc: 46.42 ng/ml



#20 Methoxychlor

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 55025954
Conc: 45.35 ng/ml



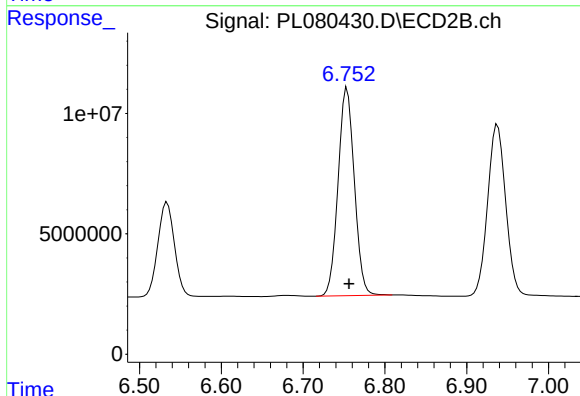
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.003 min
Response: 101924639
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

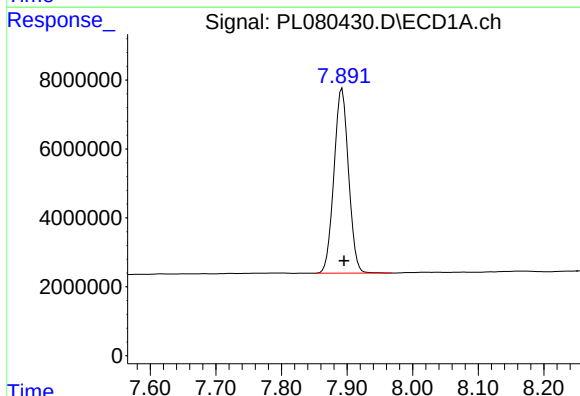
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Supervised By :Ankita Jodhani 01/23/2023



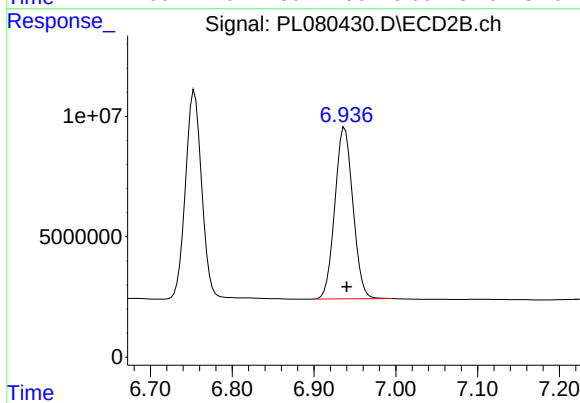
#21 Endrin ketone

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 118944090
Conc: 46.59 ng/ml



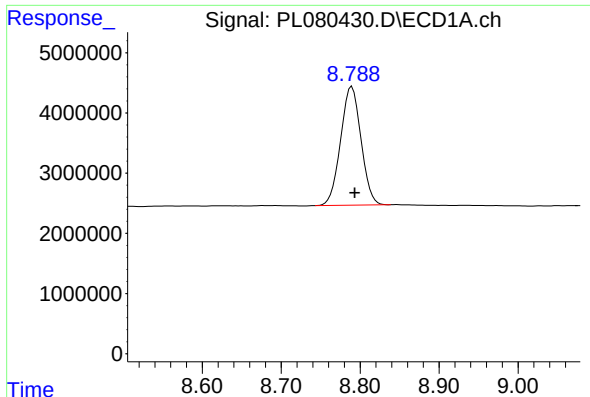
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 82811754
Conc: 48.15 ng/ml



#22 Mirex

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 109153988
Conc: 47.94 ng/ml



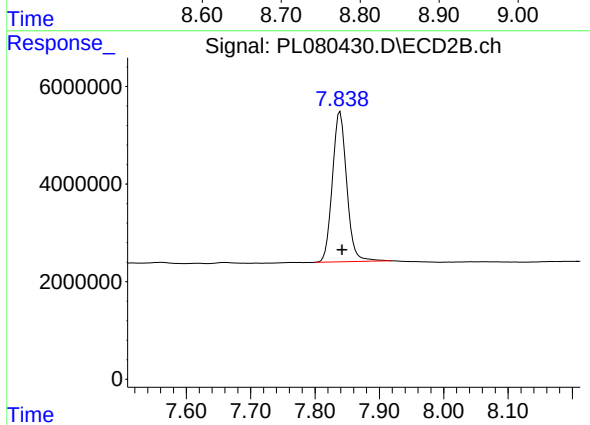
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 35399616
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150373BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.839 min
Delta R.T.: -0.003 min
Response: 47662736
Conc: 20.01 ng/ml