

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
 Data File : PL081002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2023 14:45
 Operator : AR\AJ
 Sample : PB150915BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150915BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2023
 Supervised By : Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 22:08:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.354	2.688	50856712	47486618	23.711	21.620
28)	SA Decachlor...	8.796	7.834	40820116	50500240	23.316	21.196
Target Compounds							
2)	A alpha-BHC	3.803	3.189	175.5E6	159.5E6	55.413	50.142
3)	MA gamma-BHC...	4.132	3.517	163.9E6	150.4E6	55.767	50.341
4)	MA Heptachlor	4.716	3.857	161.4E6	154.0E6	54.611	48.377
5)	MB Aldrin	5.054	4.137	151.1E6	146.6E6	55.215	49.709
6)	B beta-BHC	4.328	3.813	71514273	66011217	52.391	49.460
7)	B delta-BHC	4.571	4.043	147.8E6	132.5E6	51.049	45.942
8)	B Heptachlo...	5.479	4.639	139.4E6	136.8E6	53.872	49.164
9)	A Endosulfan I	5.861	5.008	128.0E6	125.1E6	54.187	48.081
10)	B gamma-Chl...	5.734	4.889	140.0E6	139.4E6	55.449	49.195m
11)	B alpha-Chl...	5.813	4.954	137.9E6	135.7E6	54.628	47.365
12)	B 4,4'-DDE	5.991	5.145	124.2E6	120.8E6	55.778	51.223m
13)	MA Dieldrin	6.135	5.274	132.5E6	131.6E6	55.366	48.638
14)	MA Endrin	6.363	5.548	111.0E6	114.0E6	51.330	49.101
15)	B Endosulfa...	6.581	5.843	107.4E6	109.7E6	46.850	52.664
16)	A 4,4'-DDD	6.505	5.700	105.6E6	104.6E6	57.653	55.661
17)	MA 4,4'-DDT	6.818	5.952	99426214	96774862	47.855	46.051
18)	B Endrin al...	6.712	6.022	87975648	88710947	52.889	48.579
19)	B Endosulfa...	6.945	6.245	109.2E6	111.8E6	52.753	48.077
20)	A Methoxychlor	7.296	6.530	53218338	54051067	48.236	44.543
21)	B Endrin ke...	7.426	6.750	121.6E6	129.9E6	55.109	50.888
22)	Mirex	7.897	6.933	82598827	106.4E6	48.029	46.755

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL081002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 14:45
Operator : AR\AJ
Sample : PB150915BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150915BS

Manual Integrations

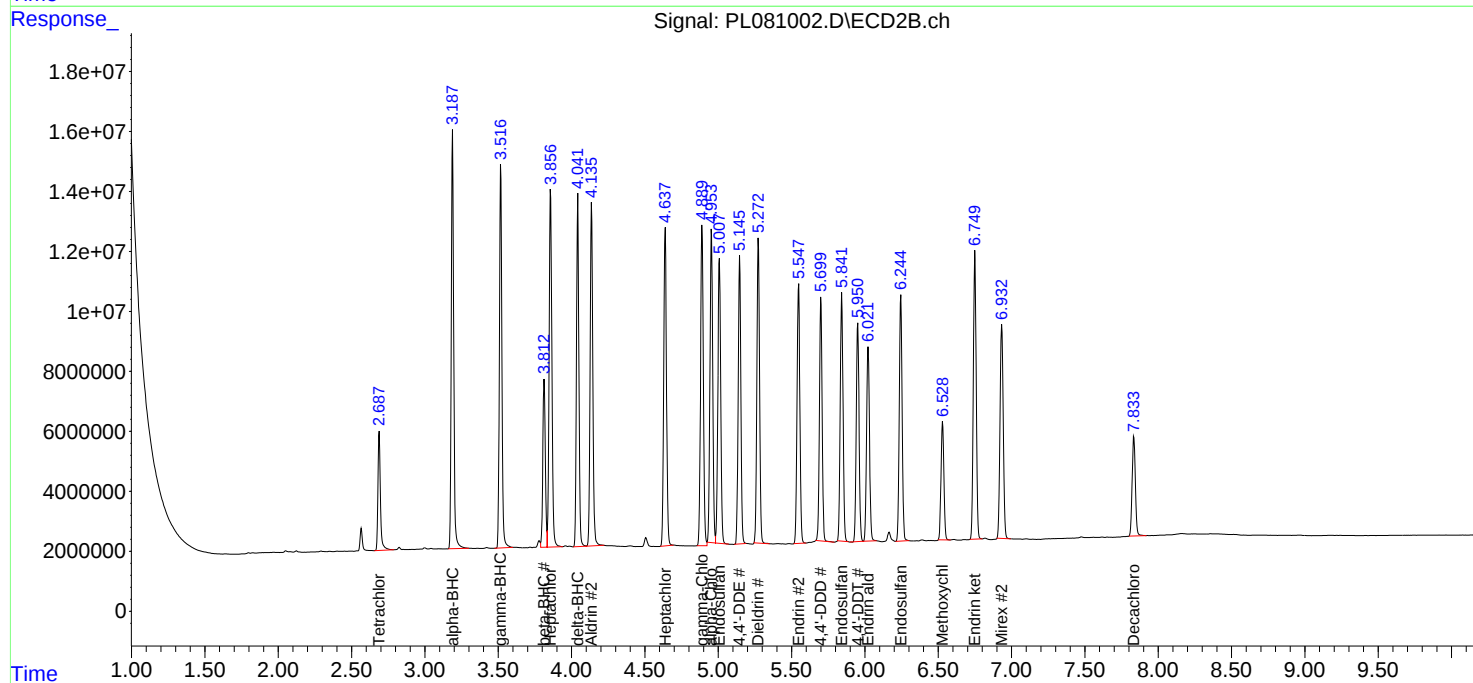
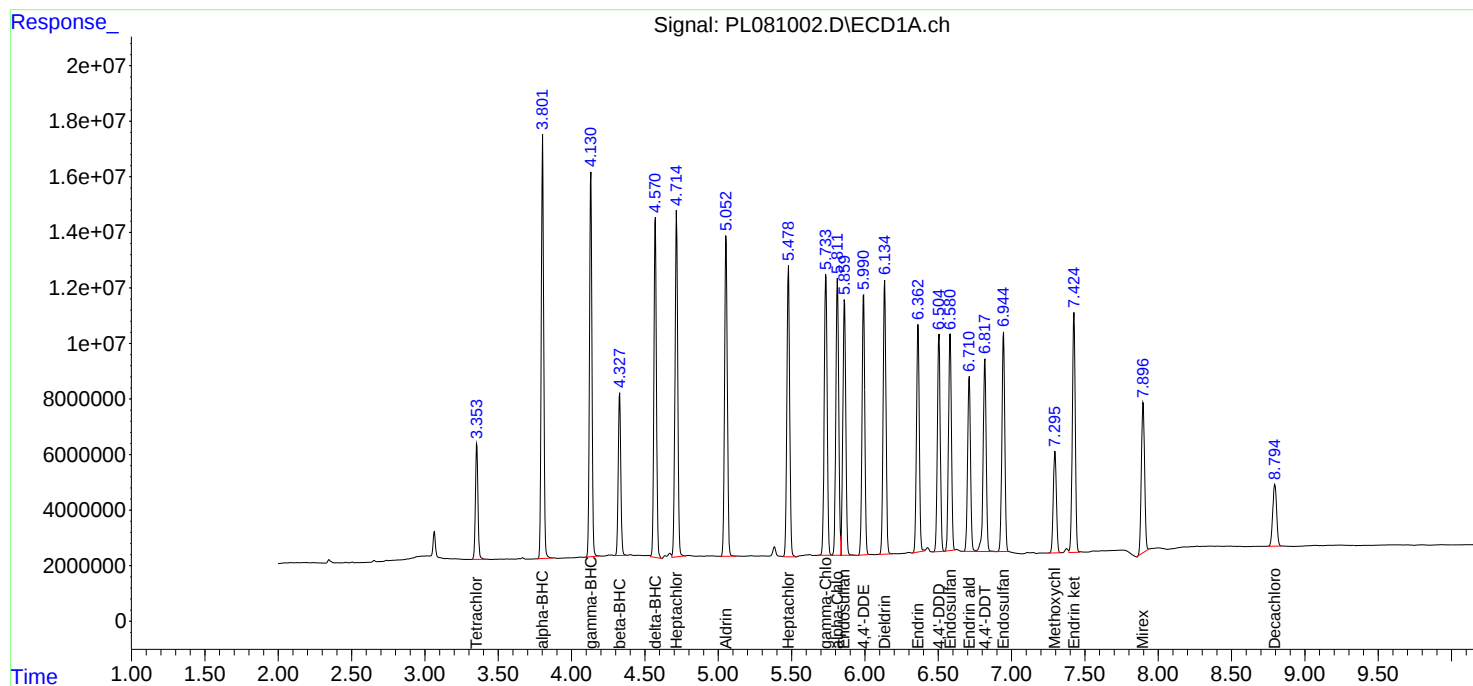
APPROVED

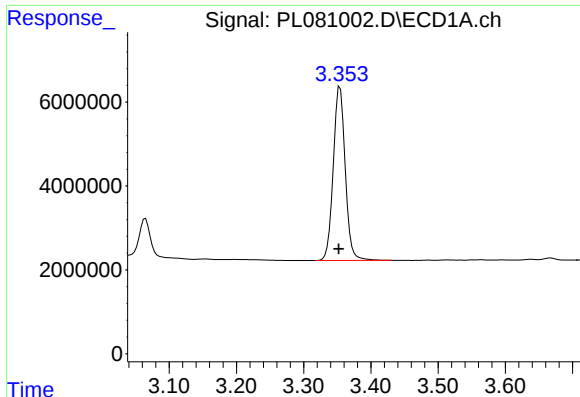
Reviewed By :Abdul Mirza 02/20/2023

Supervised By :Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 22:08:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





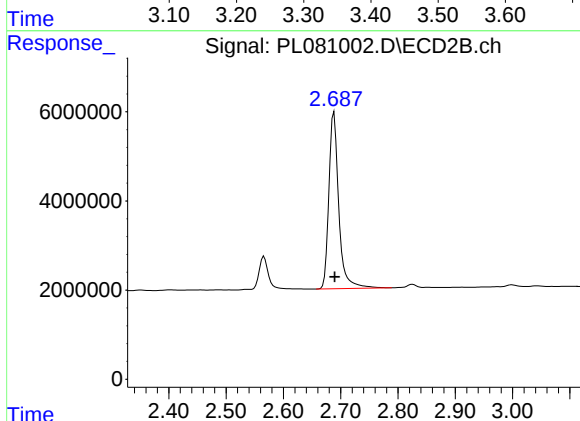
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 50856712
Conc: 23.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

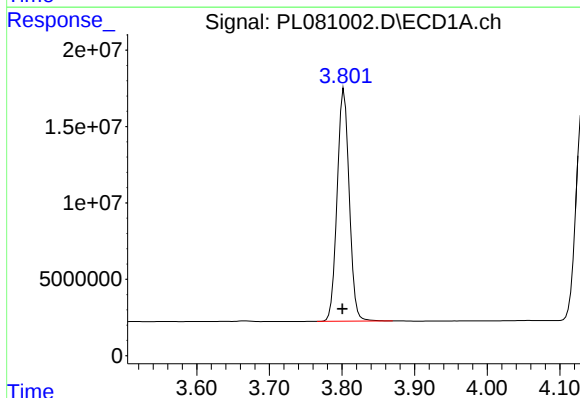
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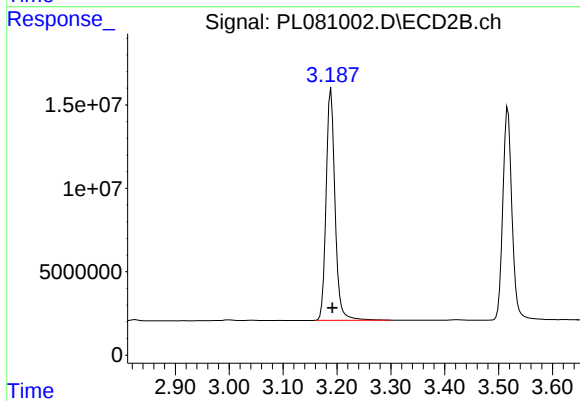
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 47486618
Conc: 21.62 ng/ml



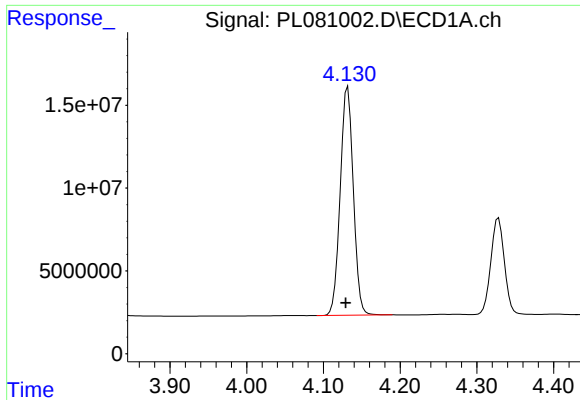
#2 alpha-BHC

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 175548732
Conc: 55.41 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 159473549
Conc: 50.14 ng/ml



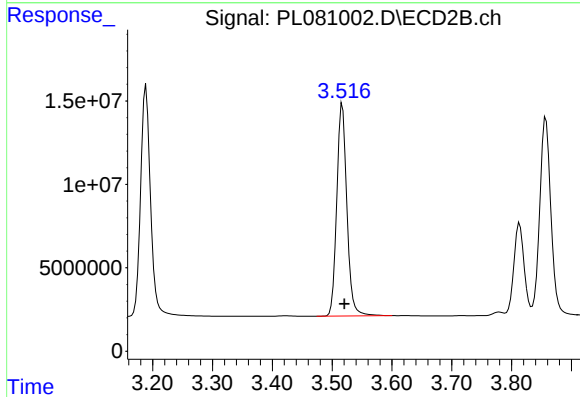
#3 gamma-BHC (Lindane)

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 163941754
Conc: 55.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

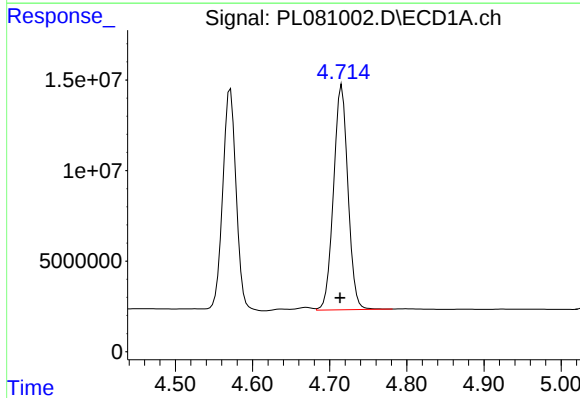
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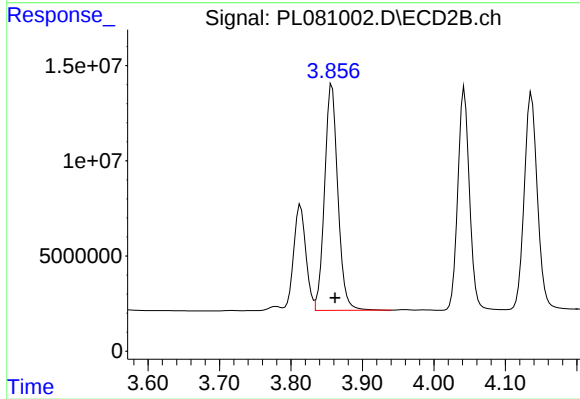
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 150383093
Conc: 50.34 ng/ml



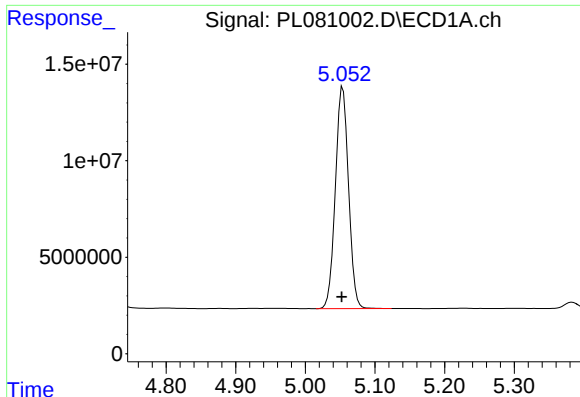
#4 Heptachlor

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 161388817
Conc: 54.61 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 153952102
Conc: 48.38 ng/ml



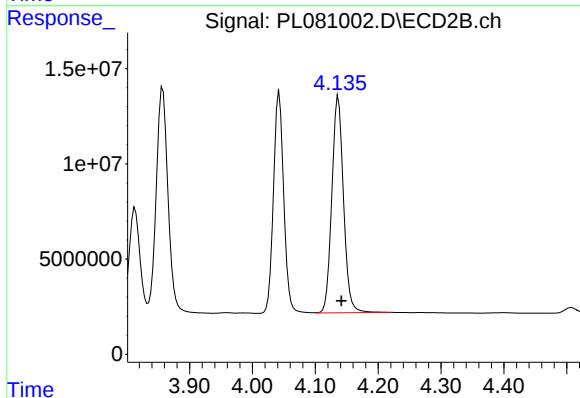
#5 Aldrin

R.T.: 5.054 min
Delta R.T.: 0.002 min
Response: 151055946
Conc: 55.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

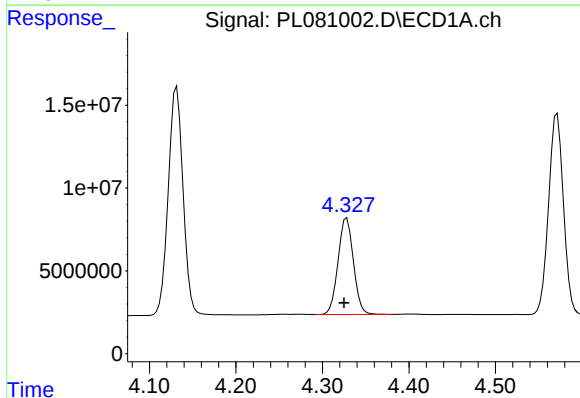
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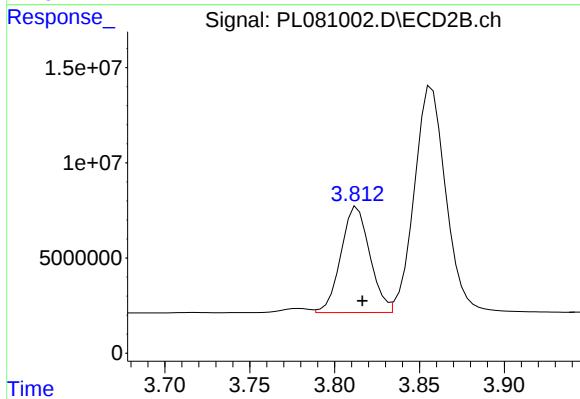
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 146619158
Conc: 49.71 ng/ml



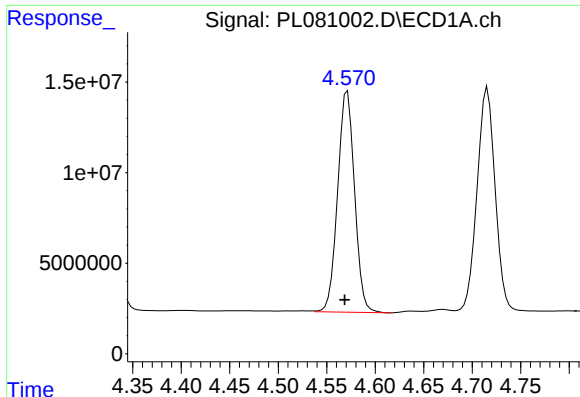
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.003 min
Response: 71514273
Conc: 52.39 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 66011217
Conc: 49.46 ng/ml



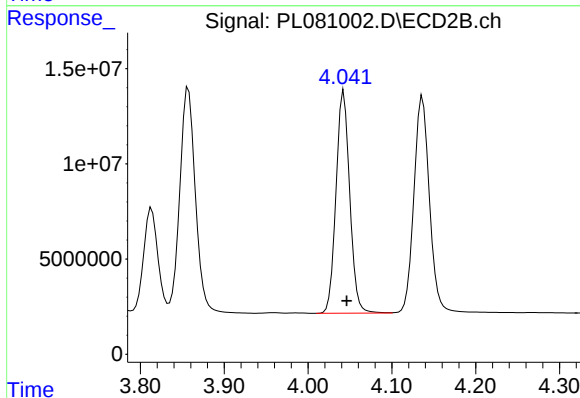
#7 delta-BHC

R.T.: 4.571 min
Delta R.T.: 0.003 min
Response: 147785983
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

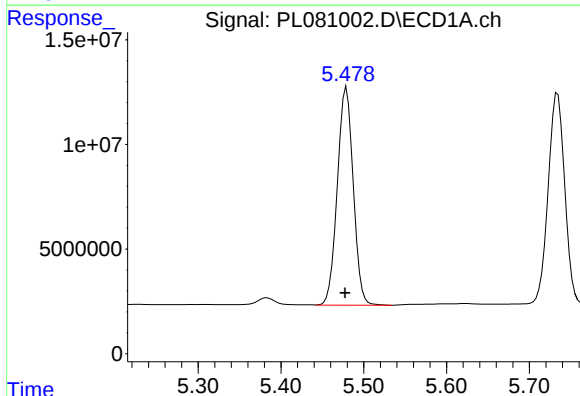
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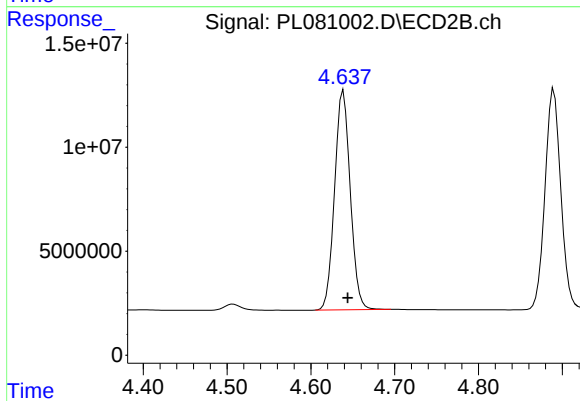
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 132516063
Conc: 45.94 ng/ml



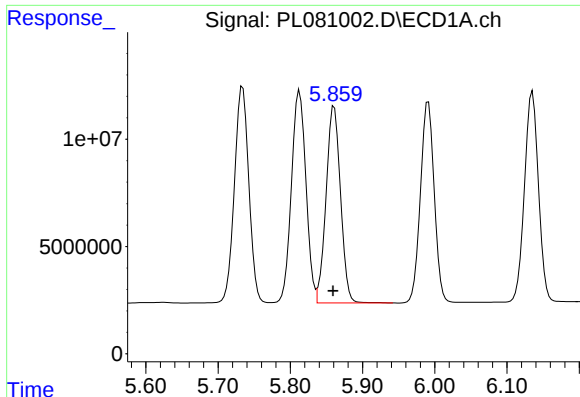
#8 Heptachlor epoxide

R.T.: 5.479 min
Delta R.T.: 0.002 min
Response: 139370431
Conc: 53.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 136792044
Conc: 49.16 ng/ml



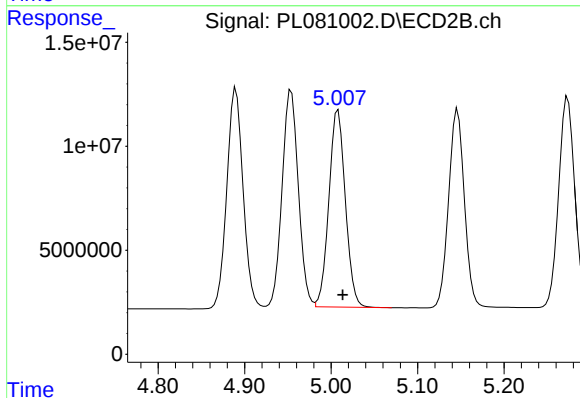
#9 Endosulfan I

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 127960089
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

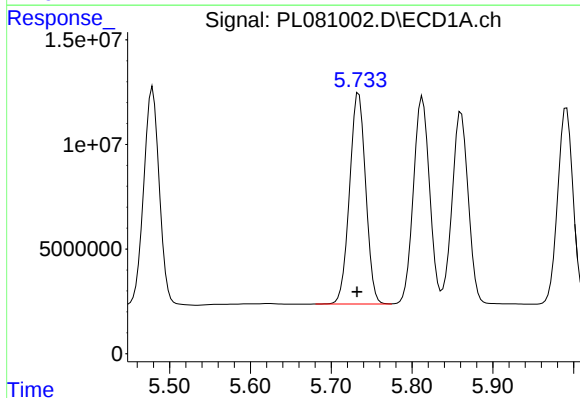
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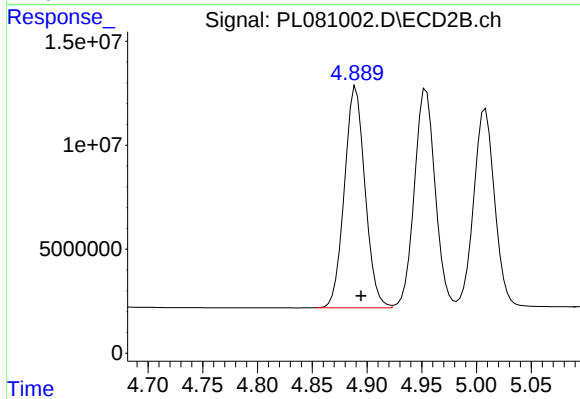
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 125075905
Conc: 48.08 ng/ml



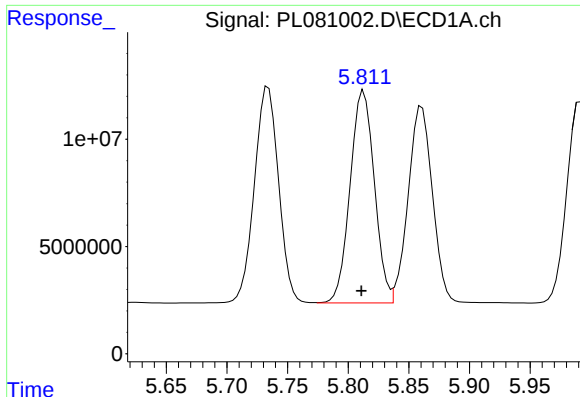
#10 gamma-Chlordane

R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 140049102
Conc: 55.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 139429160
Conc: 49.19 ng/ml m



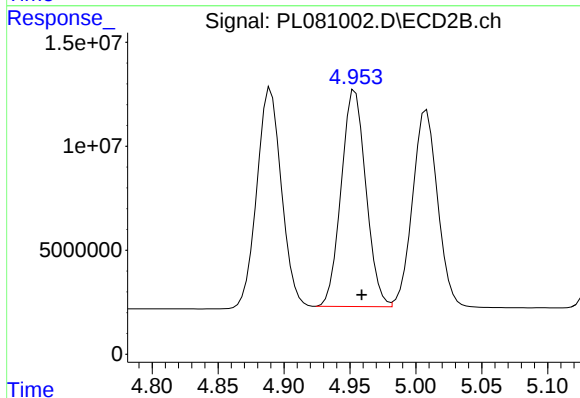
#11 alpha-Chlordane

R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 137895180
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

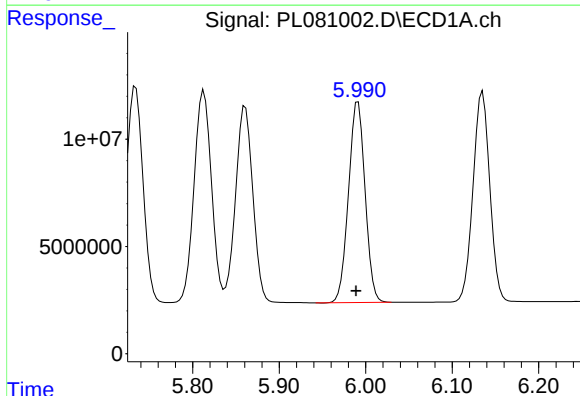
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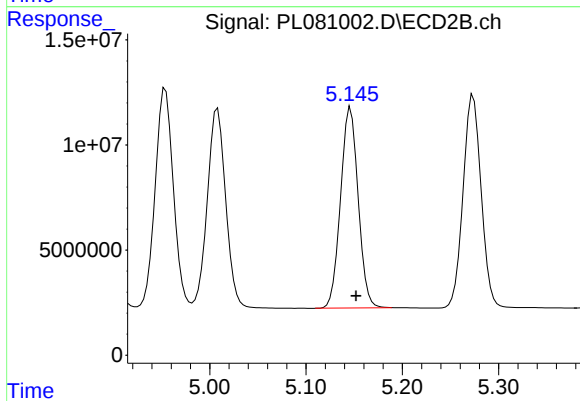
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 135685521
Conc: 47.36 ng/ml



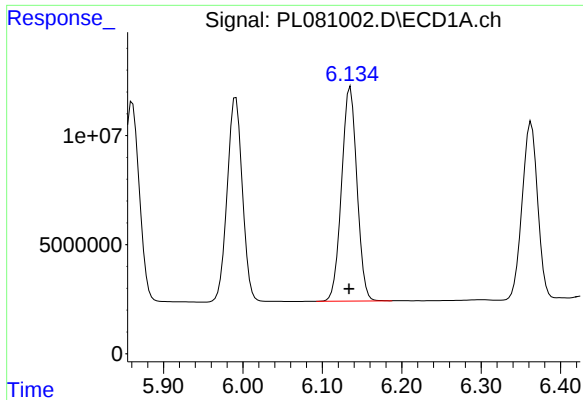
#12 4,4'-DDE

R.T.: 5.991 min
Delta R.T.: 0.002 min
Response: 124236635
Conc: 55.78 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 120825978
Conc: 51.22 ng/ml m



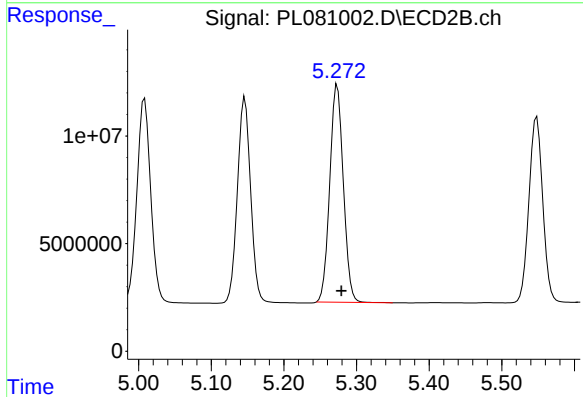
#13 Dieldrin

R.T.: 6.135 min
Delta R.T.: 0.002 min
Response: 132511338
Conc: 55.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

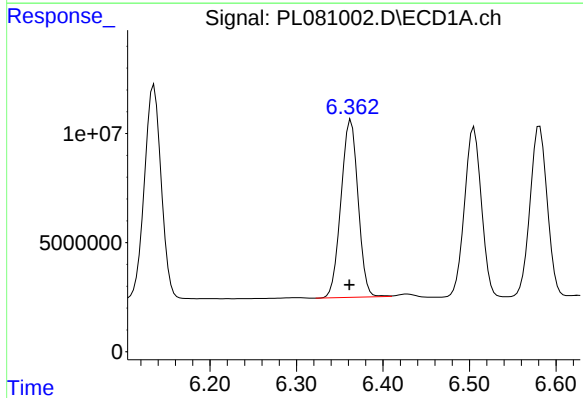
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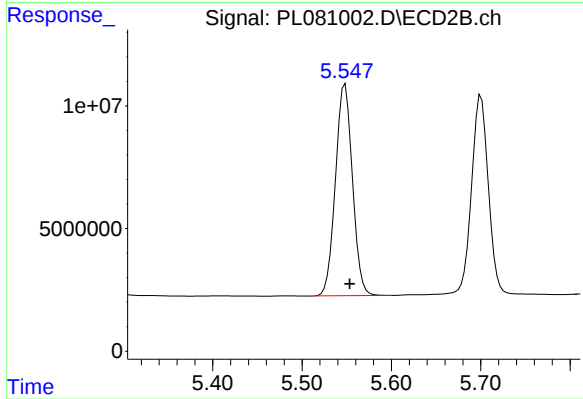
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 131564058
Conc: 48.64 ng/ml



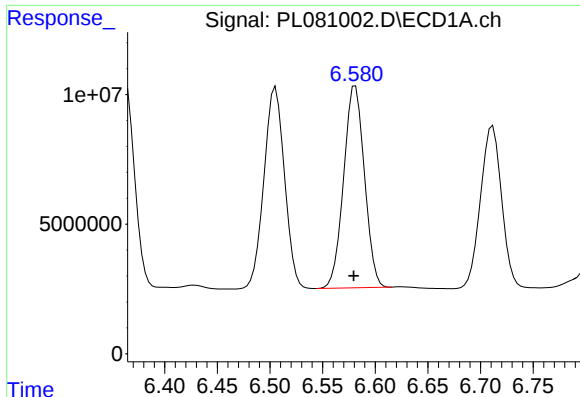
#14 Endrin

R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 111011123
Conc: 51.33 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 113971403
Conc: 49.10 ng/ml



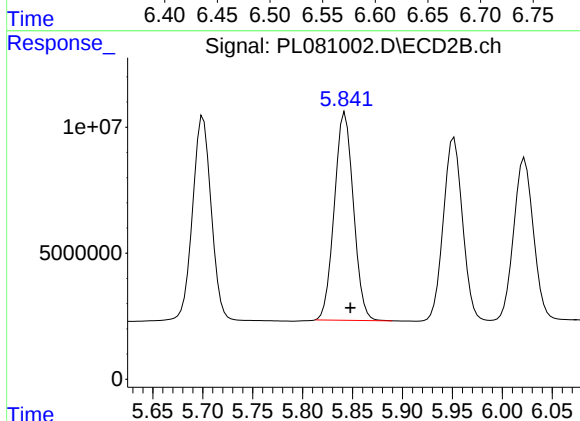
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 107396344
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

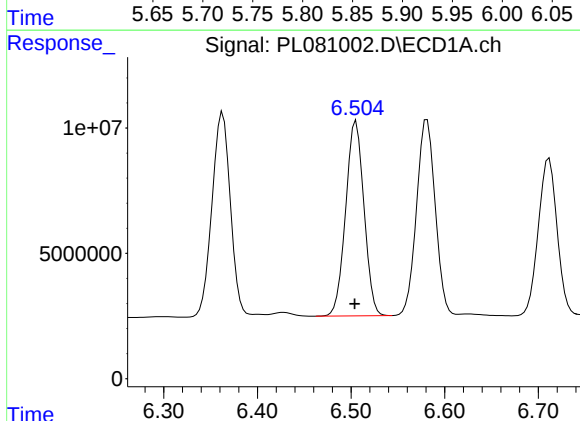
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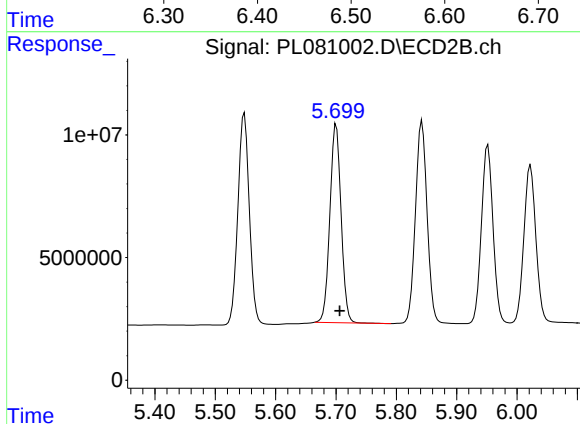
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 109736534
Conc: 52.66 ng/ml



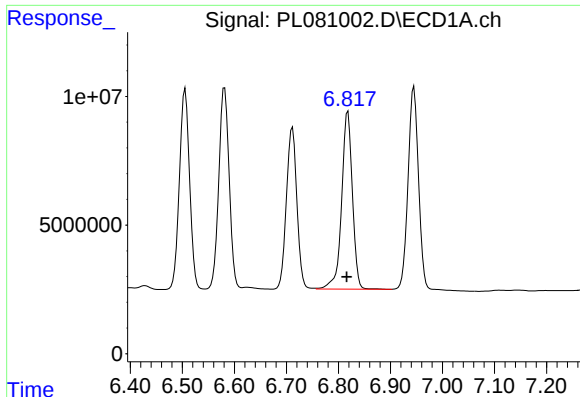
#16 4,4'-DDD

R.T.: 6.505 min
Delta R.T.: 0.002 min
Response: 105620387
Conc: 57.65 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 104599161
Conc: 55.66 ng/ml



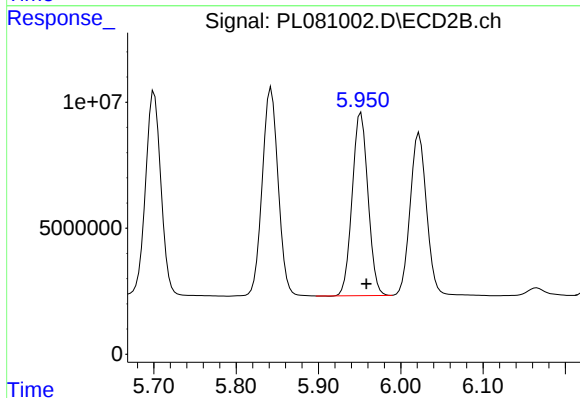
#17 4,4'-DDT

R.T.: 6.818 min
Delta R.T.: 0.002 min
Response: 99426214
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

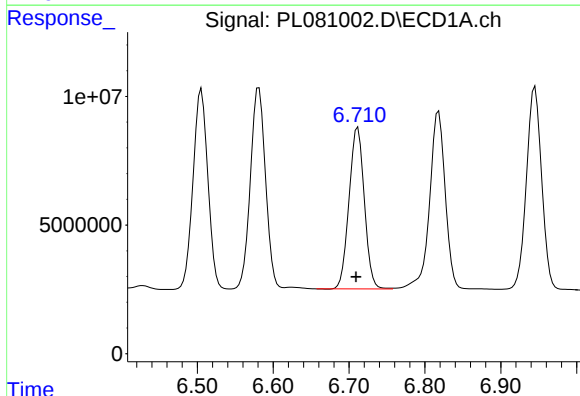
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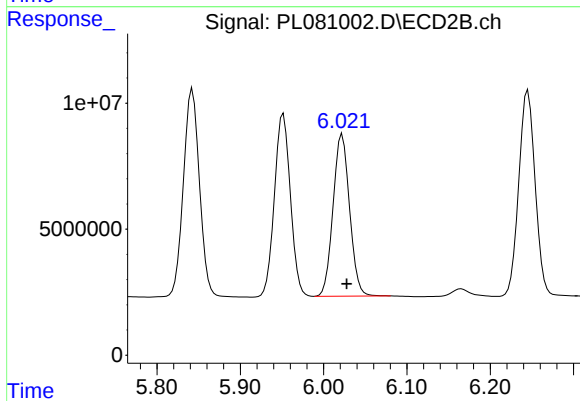
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 96774862
Conc: 46.05 ng/ml



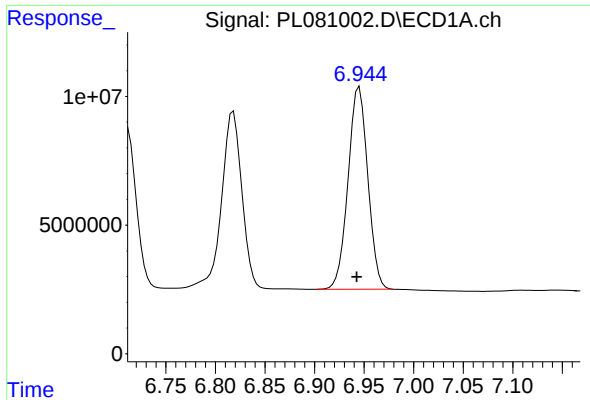
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 87975648
Conc: 52.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 88710947
Conc: 48.58 ng/ml



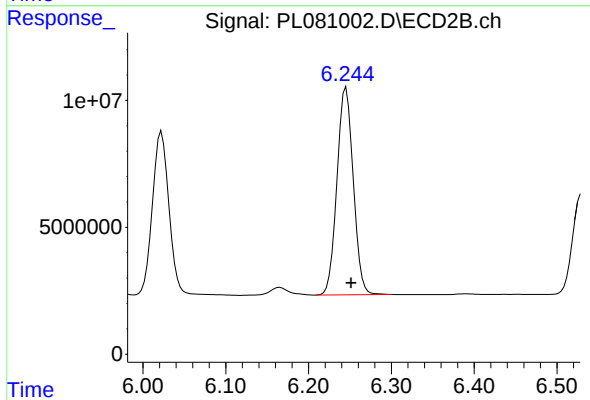
#19 Endosulfan Sulfate

R.T.: 6.945 min
Delta R.T.: 0.003 min
Response: 109195201
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

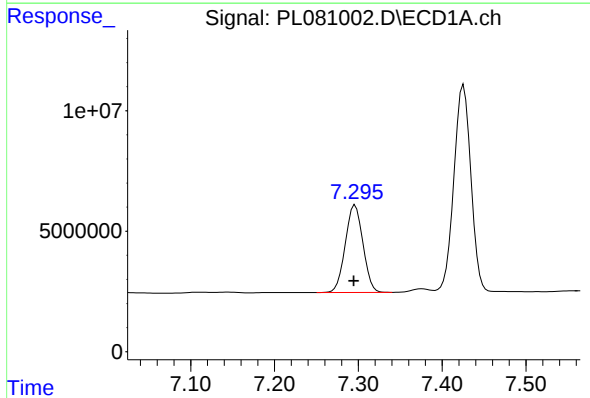
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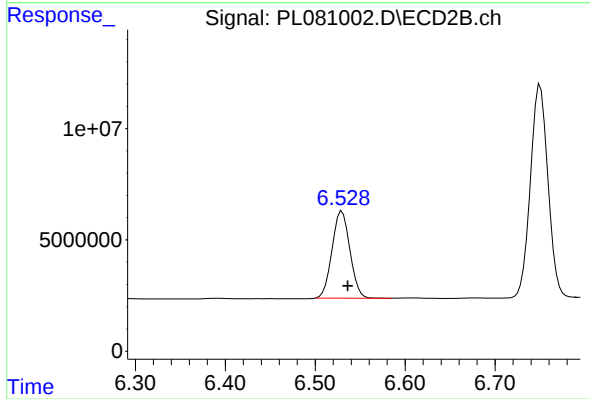
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 111811588
Conc: 48.08 ng/ml



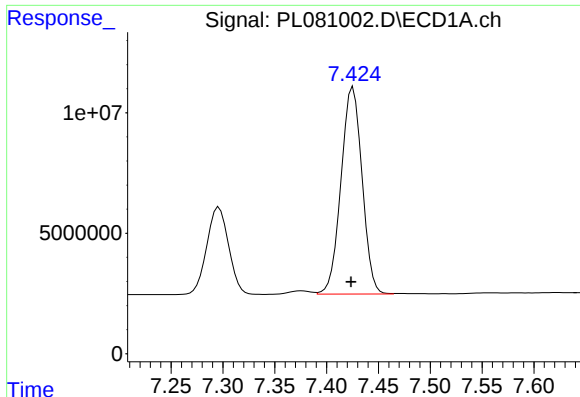
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 53218338
Conc: 48.24 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 54051067
Conc: 44.54 ng/ml



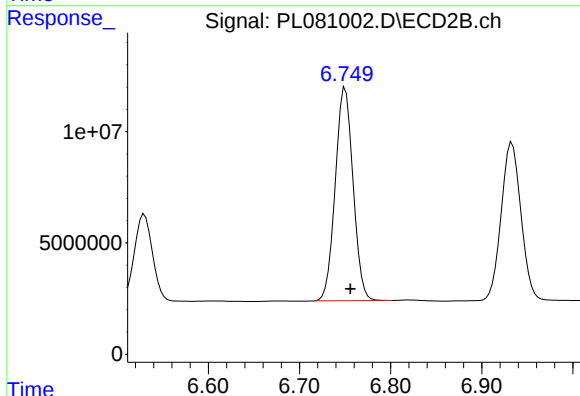
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: 0.002 min
Response: 121588487
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

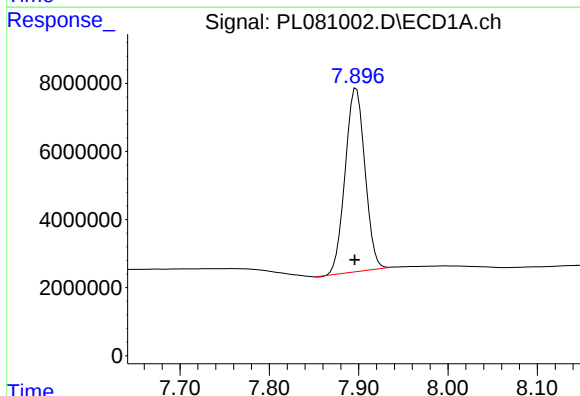
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023



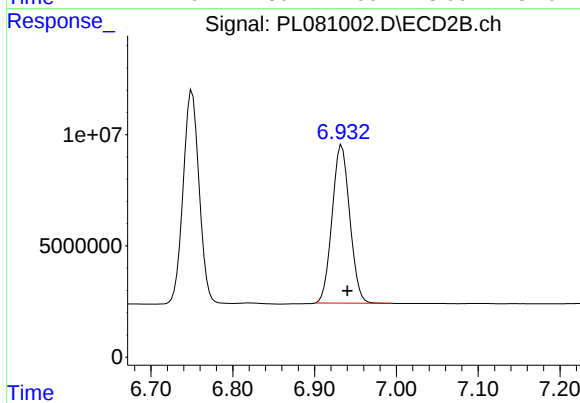
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 129928697
Conc: 50.89 ng/ml



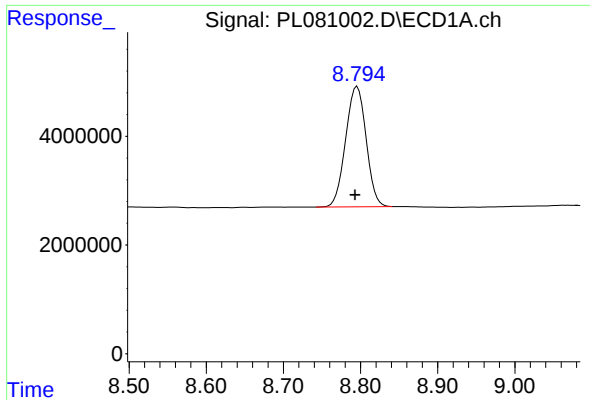
#22 Mirex

R.T.: 7.897 min
Delta R.T.: 0.002 min
Response: 82598827
Conc: 48.03 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 106448864
Conc: 46.76 ng/ml



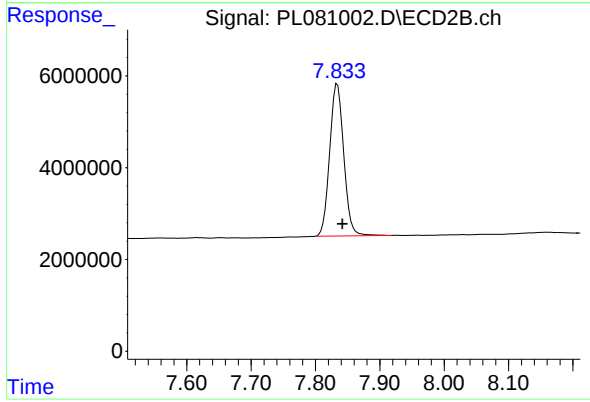
#28 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.003 min
Response: 40820116
Conc: 23.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150915BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 50500240
Conc: 21.20 ng/ml