

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
 Data File : PL080864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 18:31
 Operator : AR\AJ
 Sample : PB150792BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150792BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/13/2023
 Supervised By : Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 22:02:21 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...	3.351	2.688	57150160	56821336	26.646	25.870
28)	SA Decachlor...	8.787	7.832	48003369	57411945	27.419	24.097
Target Compounds							
2)	A alpha-BHC	3.799	3.189	171.0E6	166.3E6	53.978	52.275
3)	MA gamma-BHC...	4.127	3.517	159.5E6	155.3E6	54.257	51.994
4)	MA Heptachlor	4.711	3.857	157.6E6	158.7E6	53.334	49.865
5)	MB Aldrin	5.049	4.136	146.8E6	149.8E6	53.662	50.786
6)	B beta-BHC	4.324	3.813	69262432	67122799	50.741	50.293
7)	B delta-BHC	4.567	4.042	144.5E6	137.7E6	49.926	47.746
8)	B Heptachlo...	5.474	4.638	136.8E6	140.0E6	52.895	50.325
9)	A Endosulfan I	5.855	5.008	124.5E6	126.7E6	52.709	48.689
10)	B gamma-Chl...	5.728	4.888	135.7E6	141.5E6	53.730	49.933m
11)	B alpha-Chl...	5.807	4.953	133.4E6	137.6E6	52.837	48.025
12)	B 4,4'-DDE	5.986	5.144	119.8E6	122.3E6	53.791	51.827m
13)	MA Dieldrin	6.130	5.273	127.7E6	132.9E6	53.346	49.134
14)	MA Endrin	6.357	5.547	112.9E6	116.8E6	52.190	50.307
15)	B Endosulfa...	6.576	5.841	103.8E6	110.4E6	45.299	52.986
16)	A 4,4'-DDD	6.499	5.699	101.2E6	104.0E6	55.231	55.357
17)	MA 4,4'-DDT	6.812	5.950	94147153	97020767	45.314	46.168
18)	B Endrin al...	6.705	6.021	85012455	89190038	51.107	48.842
19)	B Endosulfa...	6.938	6.244	106.0E6	113.4E6	51.197	48.776
20)	A Methoxychlor	7.291	6.529	51362350	53795412	46.554	44.332
21)	B Endrin ke...	7.419	6.749	116.7E6	126.9E6	52.908	49.695
22)	Mirex	7.890	6.931	87968529	105.0E6	51.151	46.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 18:31
Operator : AR\AJ
Sample : PB150792BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150792BS

Manual Integrations

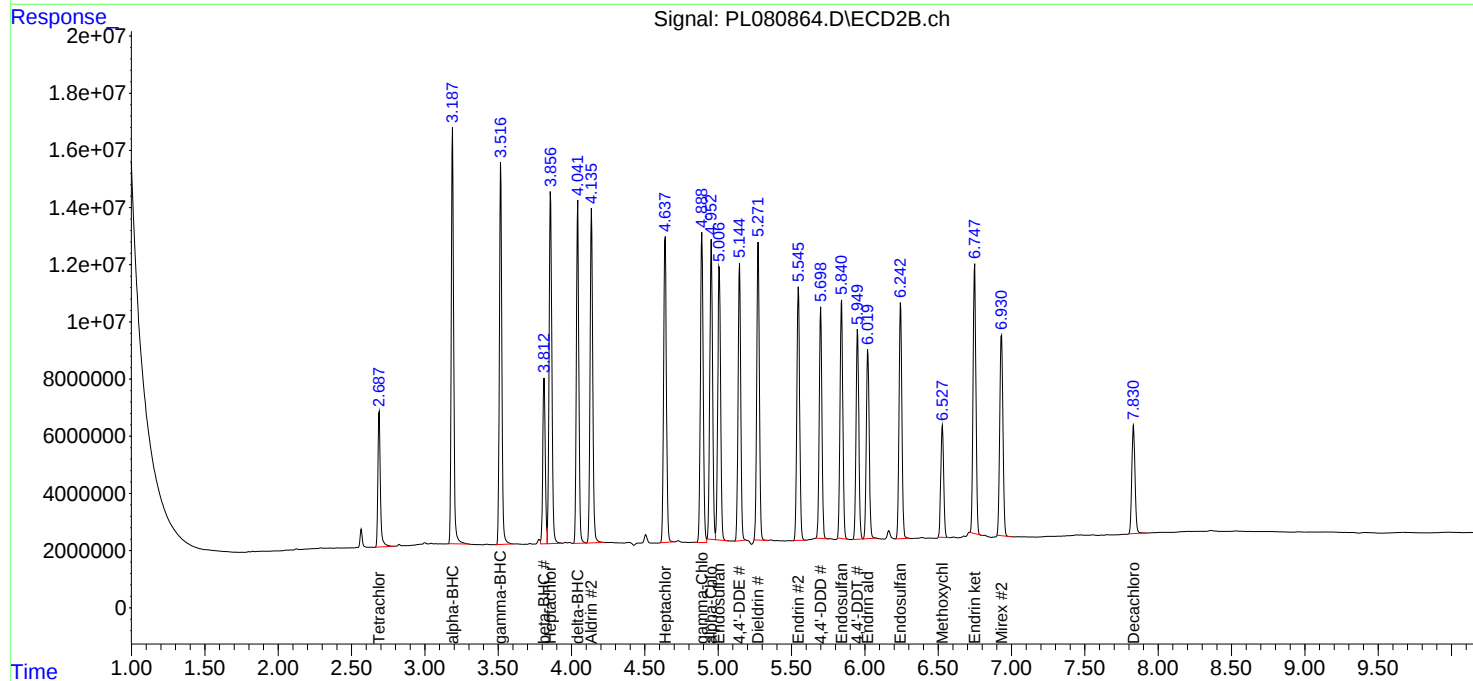
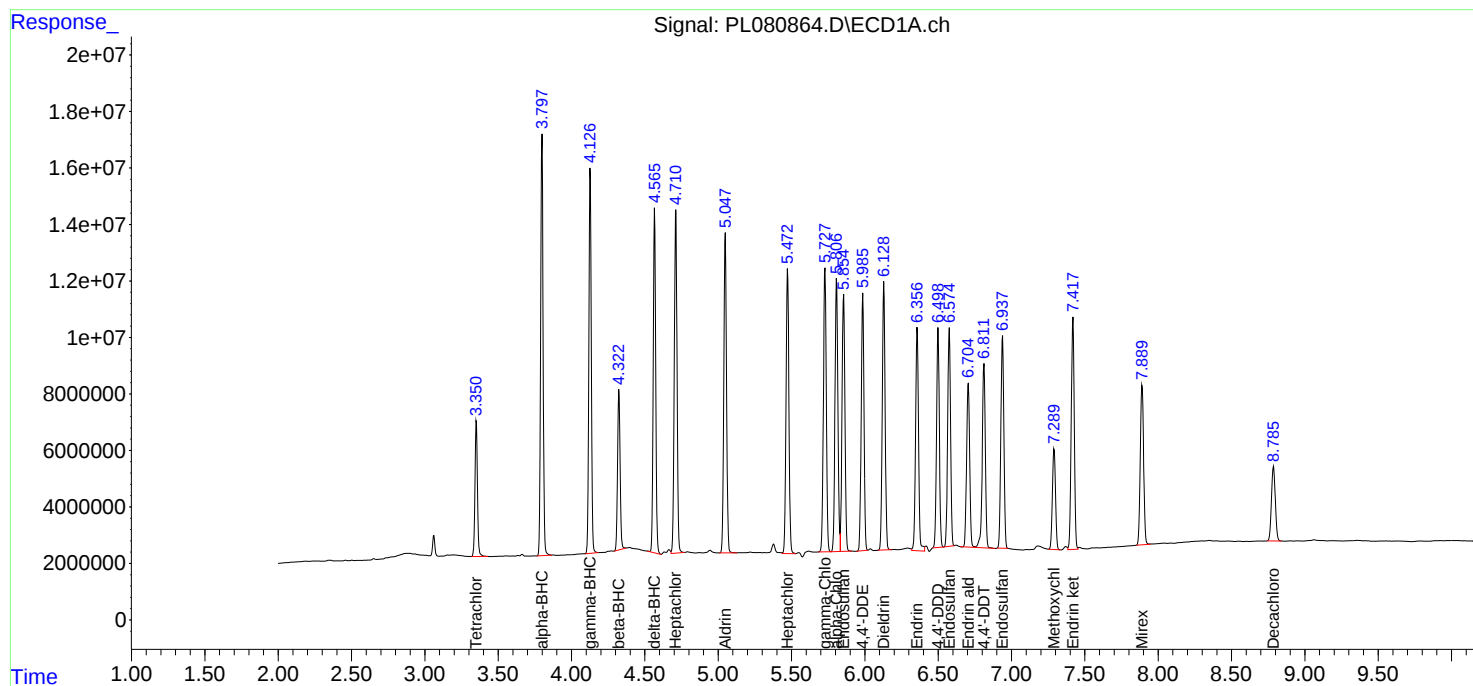
APPROVED

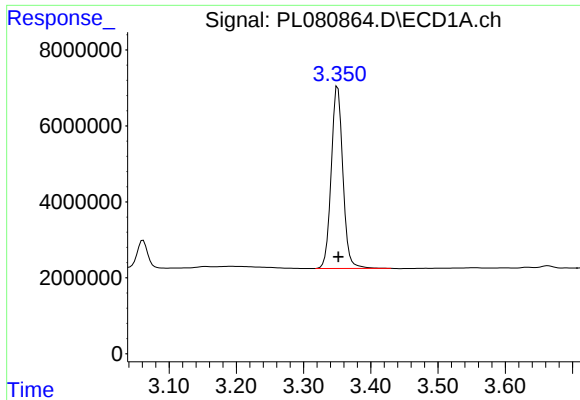
Reviewed By :Abdul Mirza 02/13/2023

Supervised By :Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 22:02:21 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





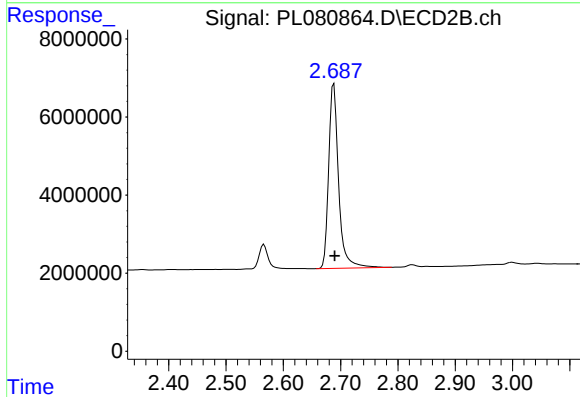
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 57150160
Conc: 26.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

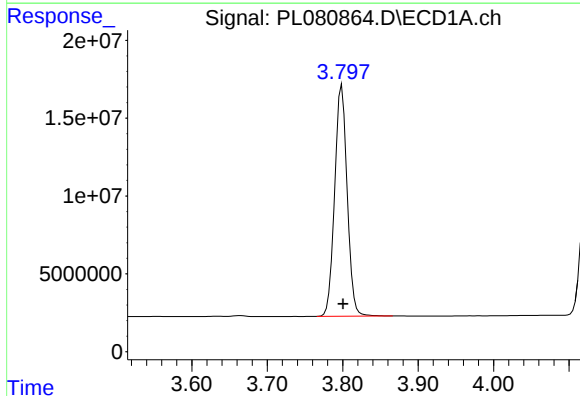
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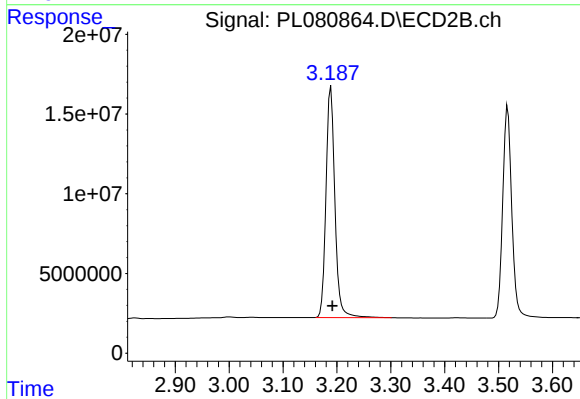
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 56821336
Conc: 25.87 ng/ml



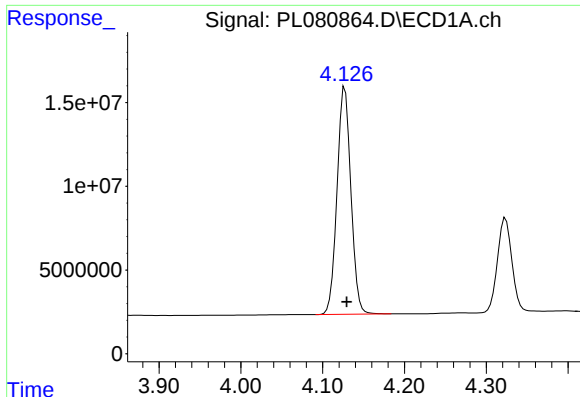
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 171002292
Conc: 53.98 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 166256048
Conc: 52.27 ng/ml



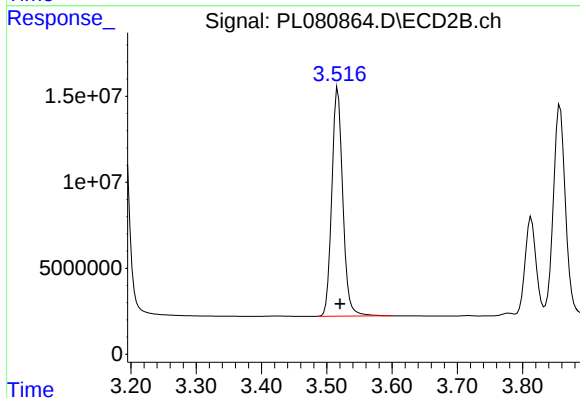
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 159503339
Conc: 54.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

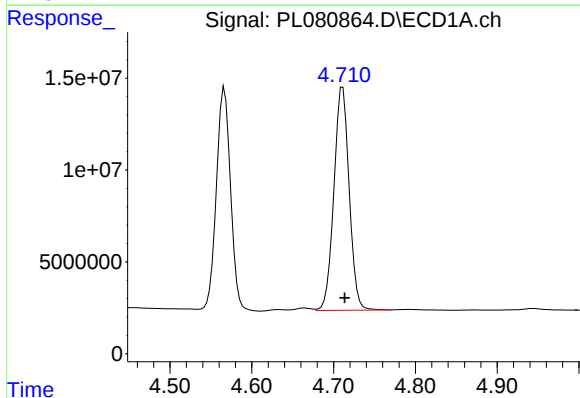
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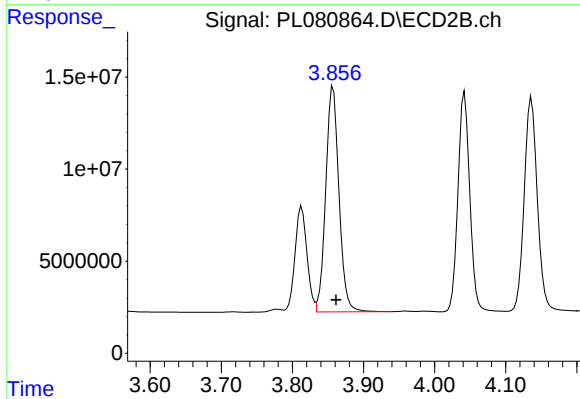
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 155321726
Conc: 51.99 ng/ml



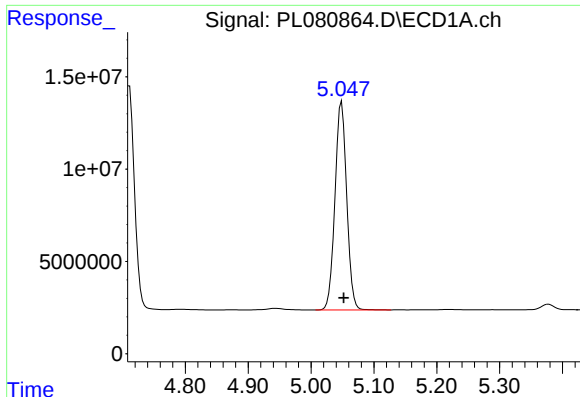
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 157612624
Conc: 53.33 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 158687235
Conc: 49.86 ng/ml



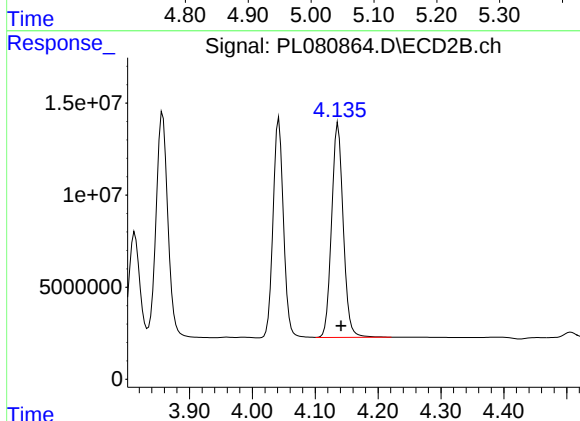
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.004 min
Response: 146808127
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

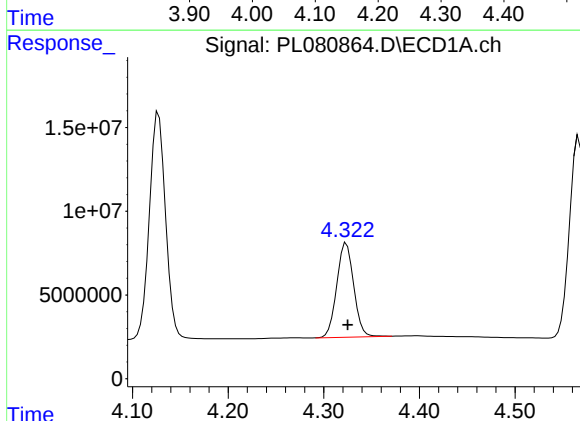
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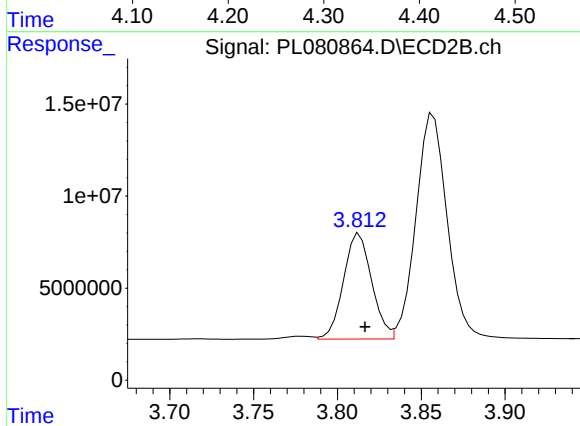
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 149795793
Conc: 50.79 ng/ml



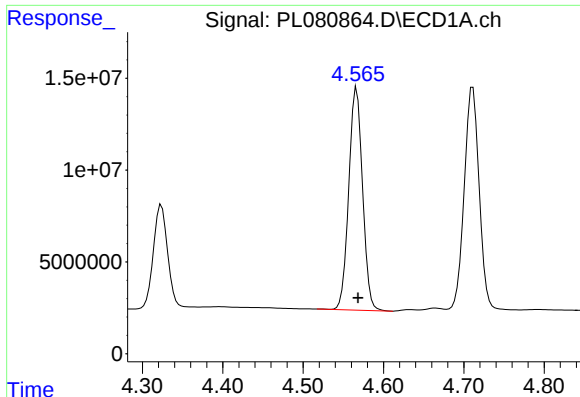
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 69262432
Conc: 50.74 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 67122799
Conc: 50.29 ng/ml



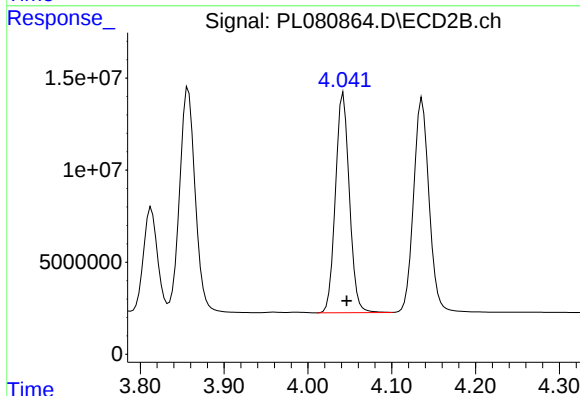
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 144534740
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

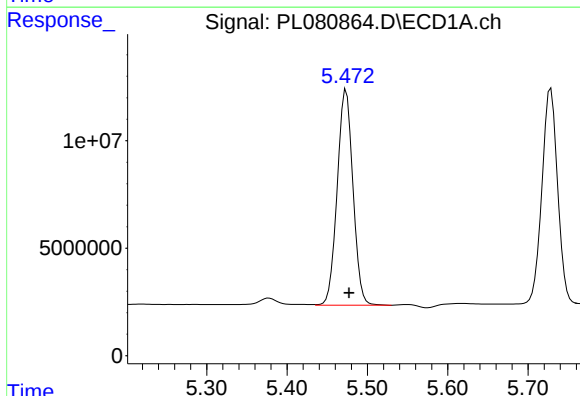
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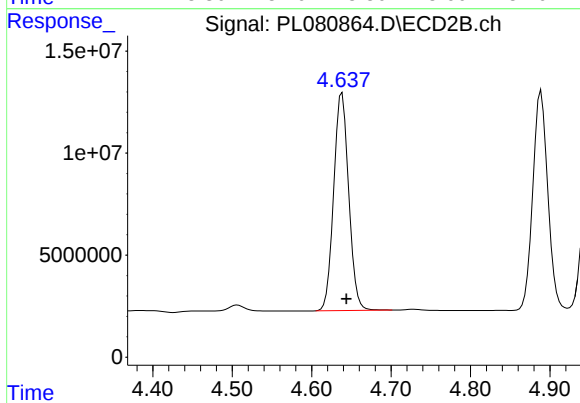
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 137720952
Conc: 47.75 ng/ml



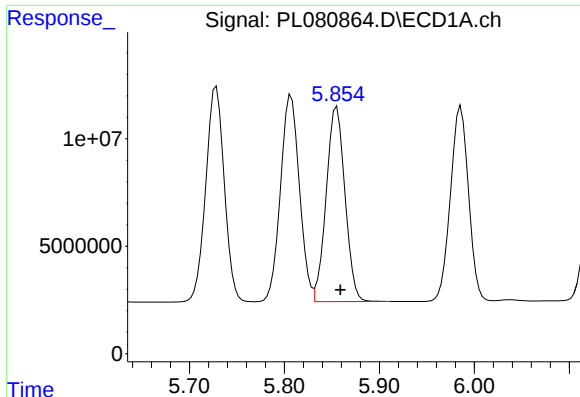
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.004 min
Response: 136841408
Conc: 52.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 140020619
Conc: 50.32 ng/ml



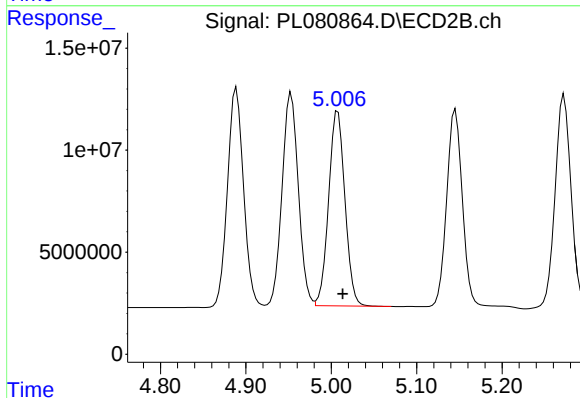
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 124470561
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

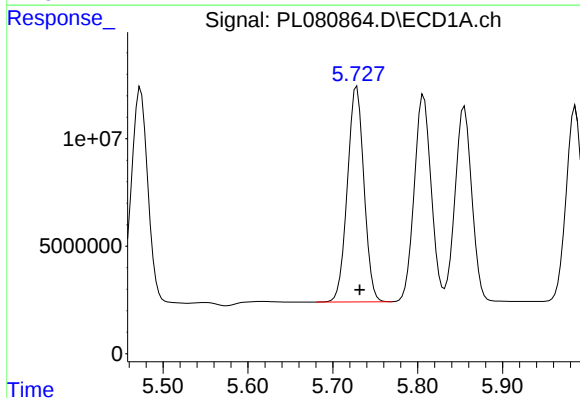
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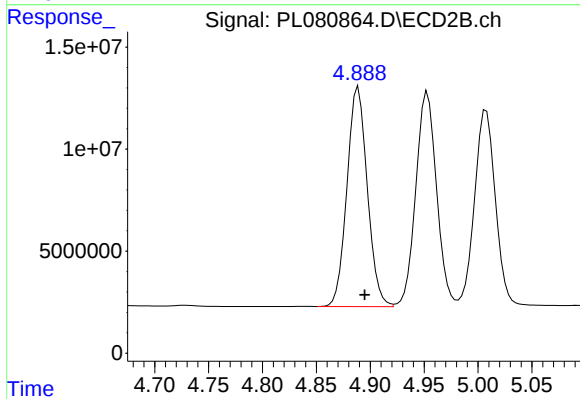
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 126657399
Conc: 48.69 ng/ml



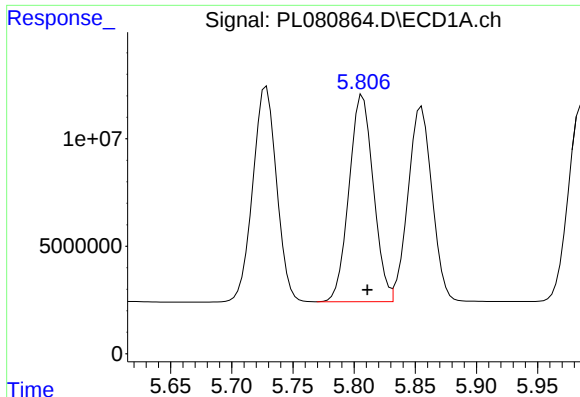
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 135707325
Conc: 53.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 141522865
Conc: 49.93 ng/ml m



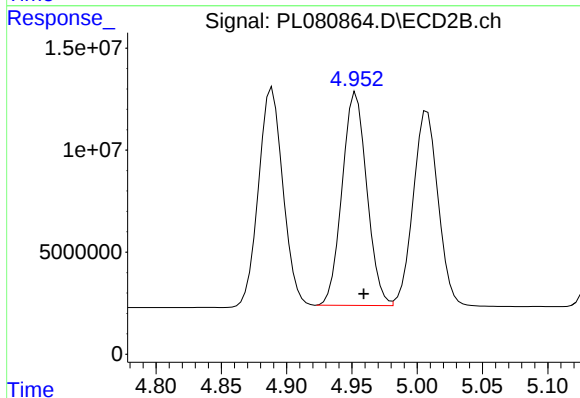
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 133375117
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

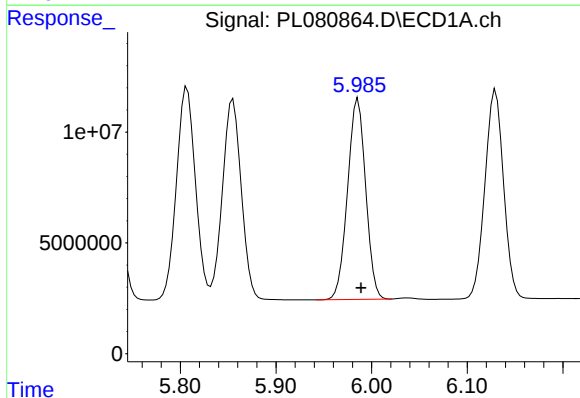
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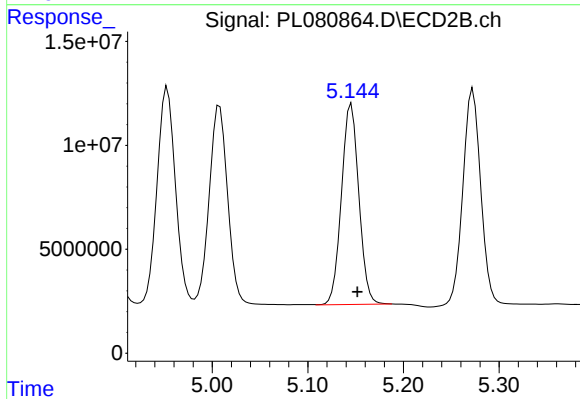
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 137574798
Conc: 48.02 ng/ml



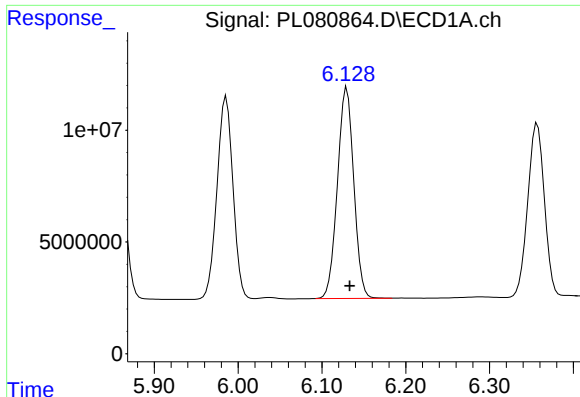
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 119811691
Conc: 53.79 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 122251698
Conc: 51.83 ng/ml m



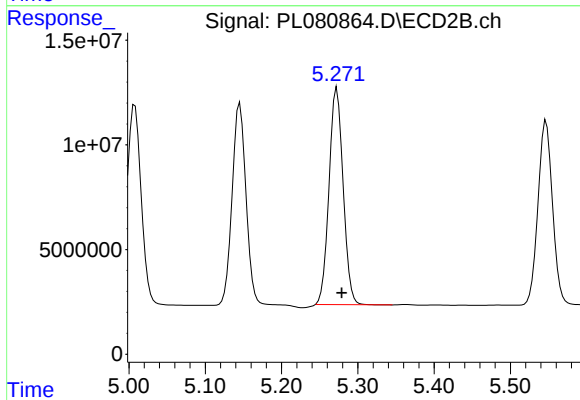
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 127676555
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

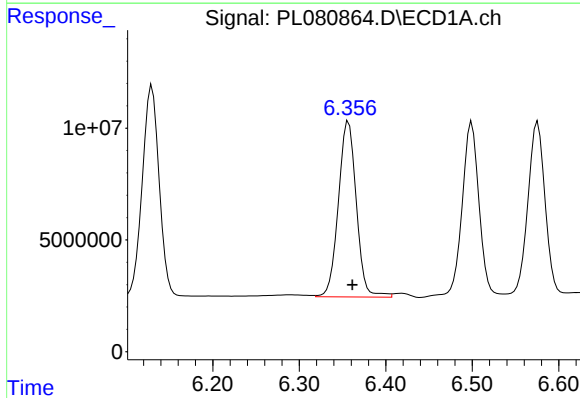
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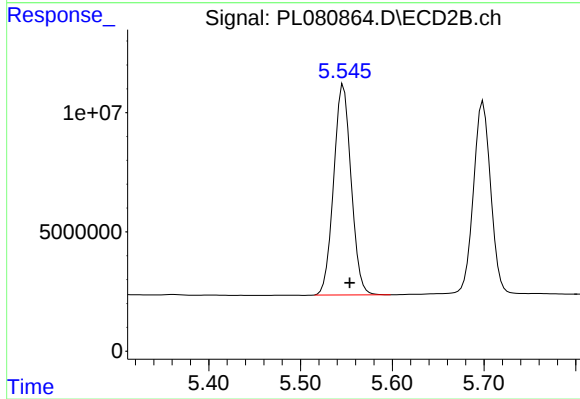
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 132906523
Conc: 49.13 ng/ml



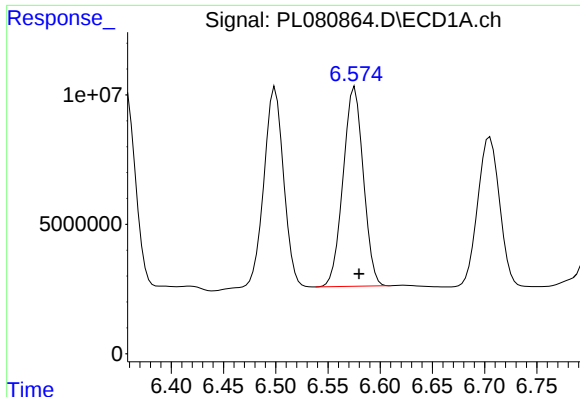
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 112870850
Conc: 52.19 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 116770852
Conc: 50.31 ng/ml



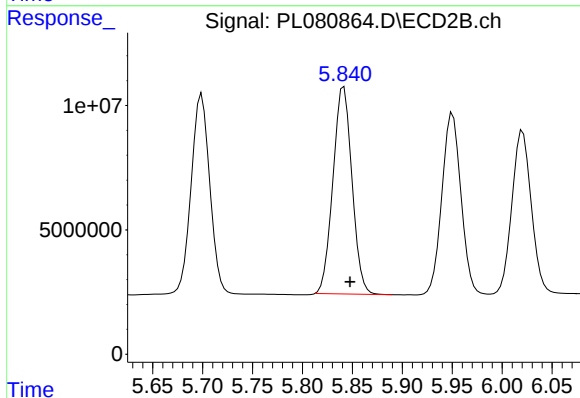
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 103839766
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

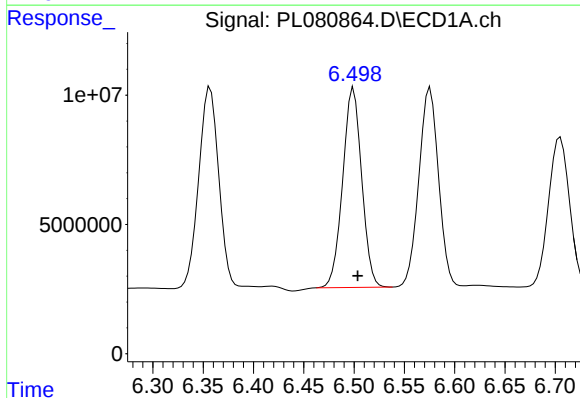
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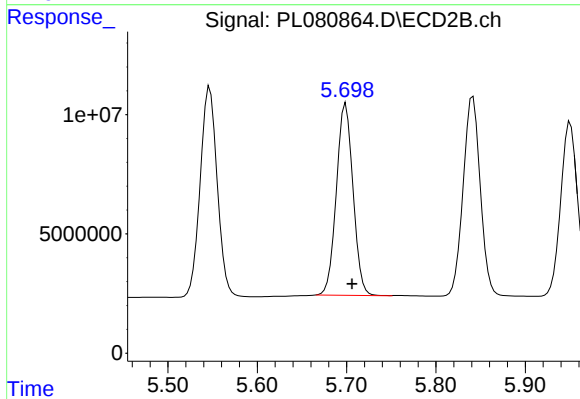
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 110407928
Conc: 52.99 ng/ml



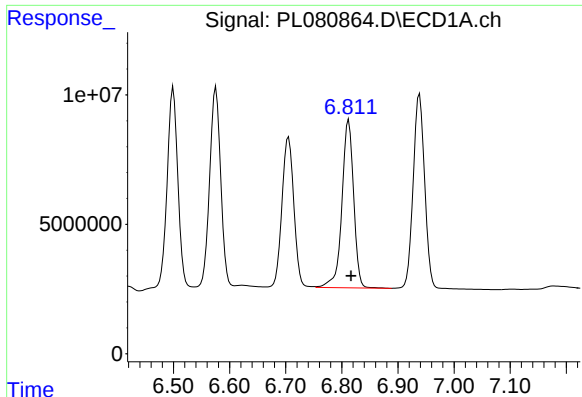
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 101182757
Conc: 55.23 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 104026102
Conc: 55.36 ng/ml



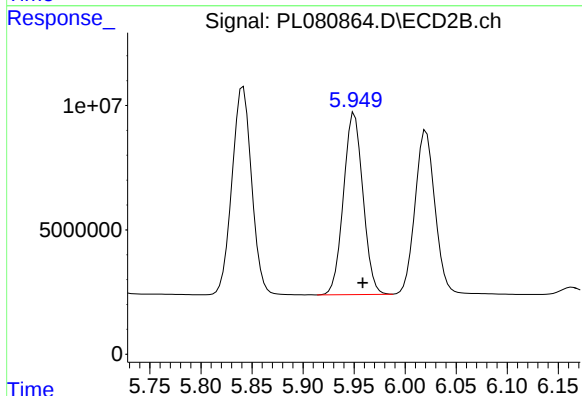
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 94147153
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

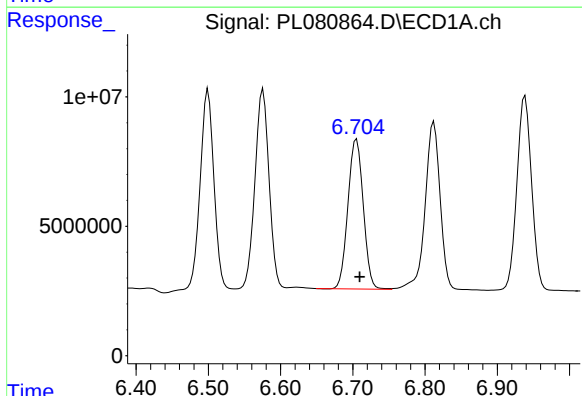
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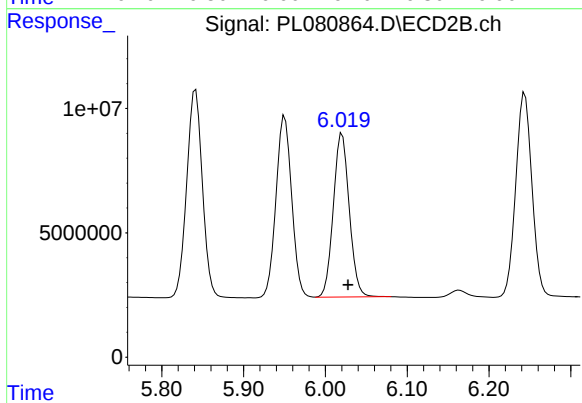
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 97020767
Conc: 46.17 ng/ml



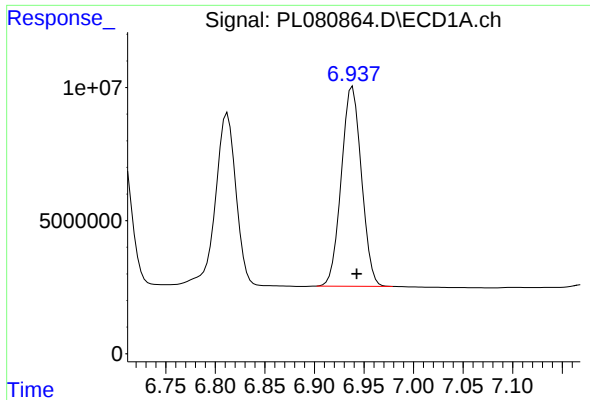
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 85012455
Conc: 51.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 89190038
Conc: 48.84 ng/ml



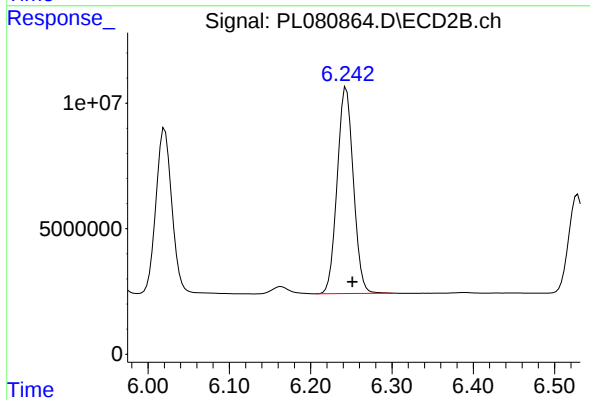
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 105972402
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

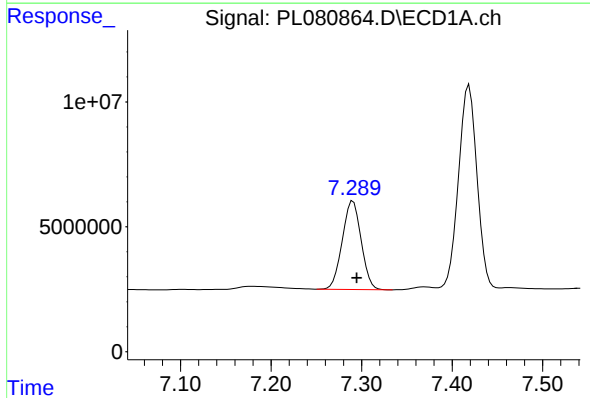
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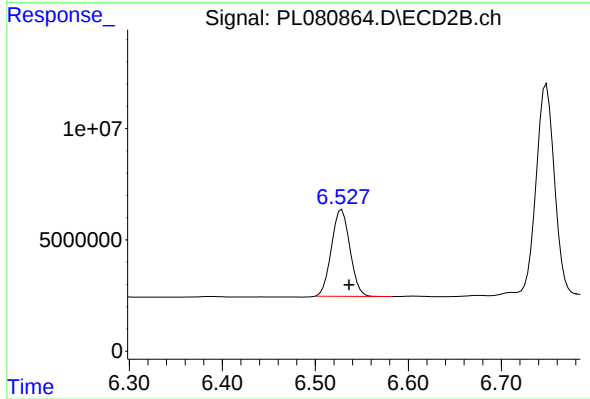
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 113436111
Conc: 48.78 ng/ml



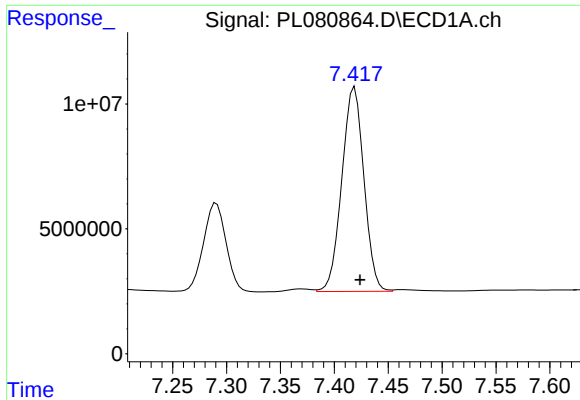
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 51362350
Conc: 46.55 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.008 min
Response: 53795412
Conc: 44.33 ng/ml



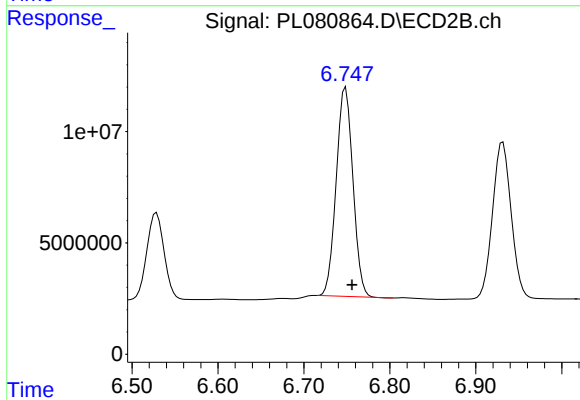
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 116733826
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

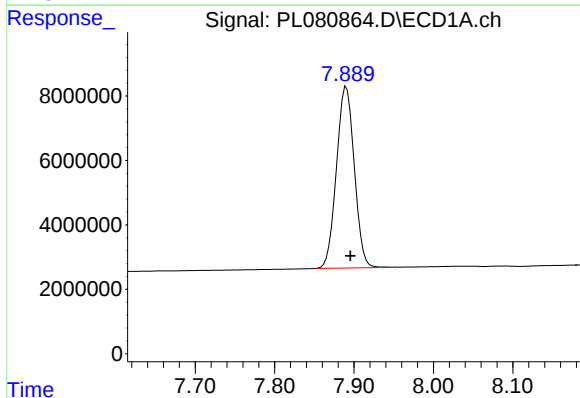
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2023
Supervised By :Ankita Jodhani 02/13/2023



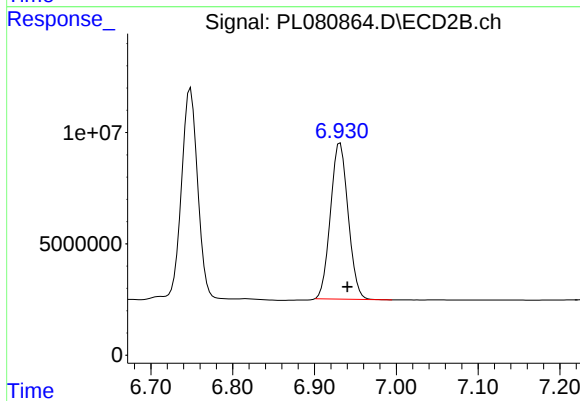
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 126883762
Conc: 49.70 ng/ml



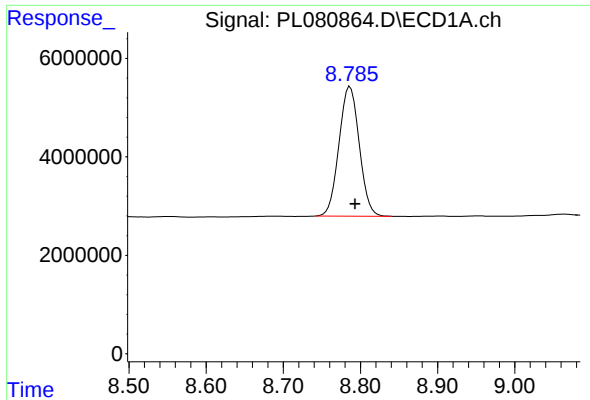
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 87968529
Conc: 51.15 ng/ml



#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.009 min
Response: 104989989
Conc: 46.11 ng/ml



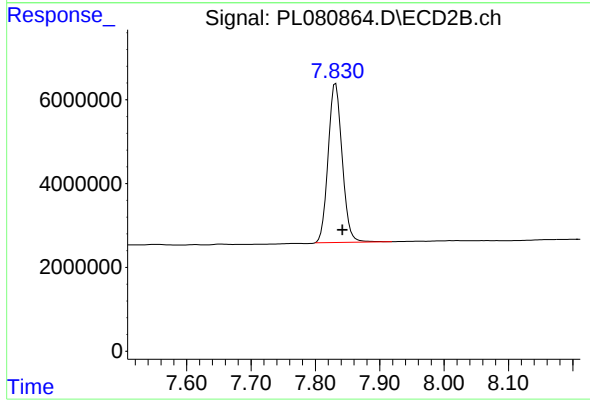
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 48003369
Conc: 27.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150792BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 57411945
Conc: 24.10 ng/ml