

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
 Data File : PL080902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 10:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/15/2023
 Supervised By : Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 20:25:58 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...	3.352	2.688	120.4E6	118.2E6	56.158	53.820
28)	SA Decachlor...	8.788	7.832	84099744	103.2E6	48.036	43.331
Target Compounds							
2)	A alpha-BHC	3.800	3.189	186.5E6	173.7E6	58.880	54.605
3)	MA gamma-BHC...	4.128	3.517	172.2E6	161.8E6	58.585	54.148
4)	MA Heptachlor	4.712	3.857	165.4E6	162.9E6	55.982	51.189
5)	MB Aldrin	5.050	4.136	154.9E6	155.0E6	56.635	52.564
6)	B beta-BHC	4.324	3.813	75343186	71020553	55.196	53.214
7)	B delta-BHC	4.567	4.042	169.3E6	157.8E6	58.494	54.705
8)	B Heptachlo...	5.475	4.638	142.9E6	143.9E6	55.253	51.720
9)	A Endosulfan I	5.856	5.007	131.2E6	132.5E6	55.541	50.931
10)	B gamma-Chl...	5.729	4.888	143.4E6	146.8E6	56.776	51.781m
11)	B alpha-Chl...	5.809	4.953	141.2E6	143.3E6	55.935	50.019
12)	B 4,4'-DDE	5.986	5.144	124.9E6	126.7E6	56.074	53.699m
13)	MA Dieldrin	6.131	5.271	131.6E6	137.9E6	54.991	50.981m
14)	MA Endrin	6.358	5.547	109.6E6	116.7E6	50.655	50.270
15)	B Endosulfa...	6.577	5.841	103.7E6	113.6E6	45.252	54.518
16)	A 4,4'-DDD	6.501	5.699	101.5E6	110.3E6	55.387	58.704
17)	MA 4,4'-DDT	6.813	5.951	95269646	103.5E6	45.854	49.232
18)	B Endrin al...	6.706	6.021	82087325	89835320	49.349	49.195
19)	B Endosulfa...	6.940	6.243	109.6E6	118.2E6	52.958	50.819
20)	A Methoxychlor	7.291	6.528	54391136	55165654	49.299	45.461
21)	B Endrin ke...	7.419	6.748	123.2E6	130.6E6	55.832	51.138
22)	Mirex	7.892	6.930	85891018	106.1E6	49.943	46.610m

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

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Data File : PL080902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2023 10:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

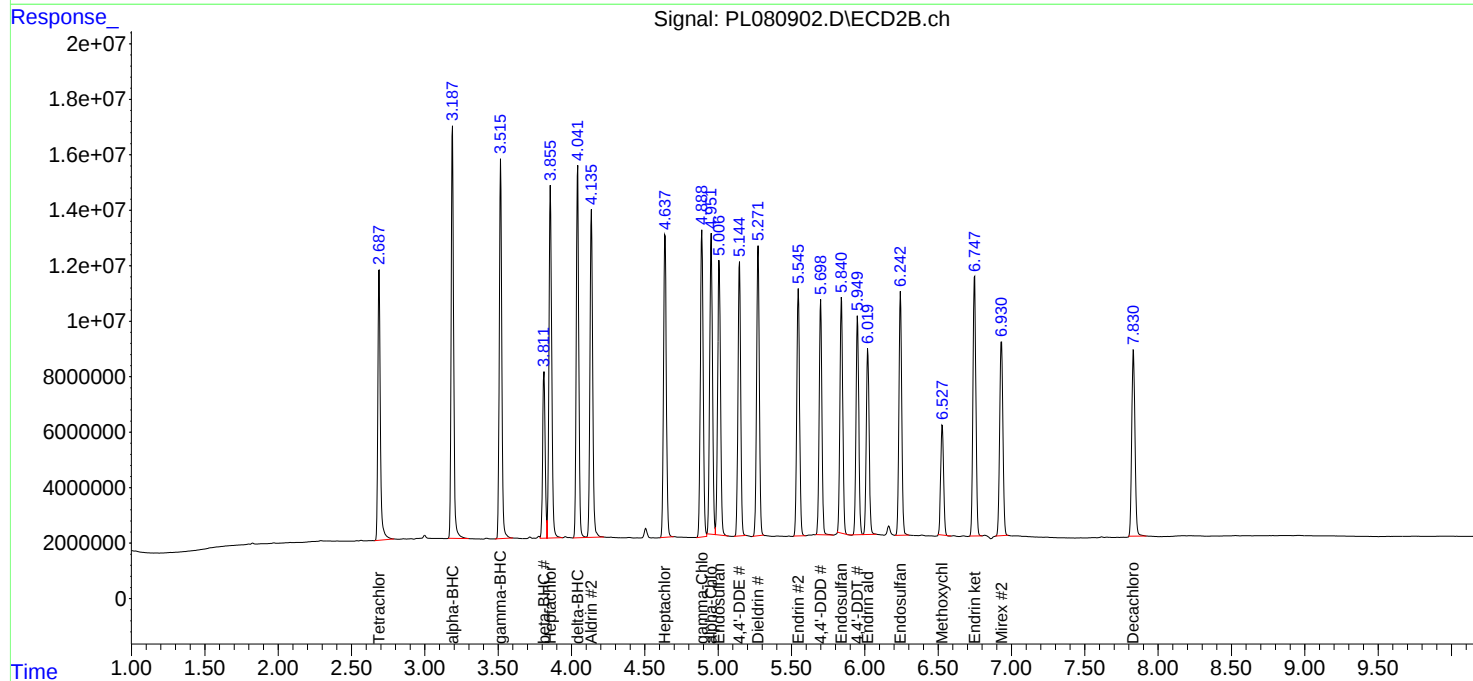
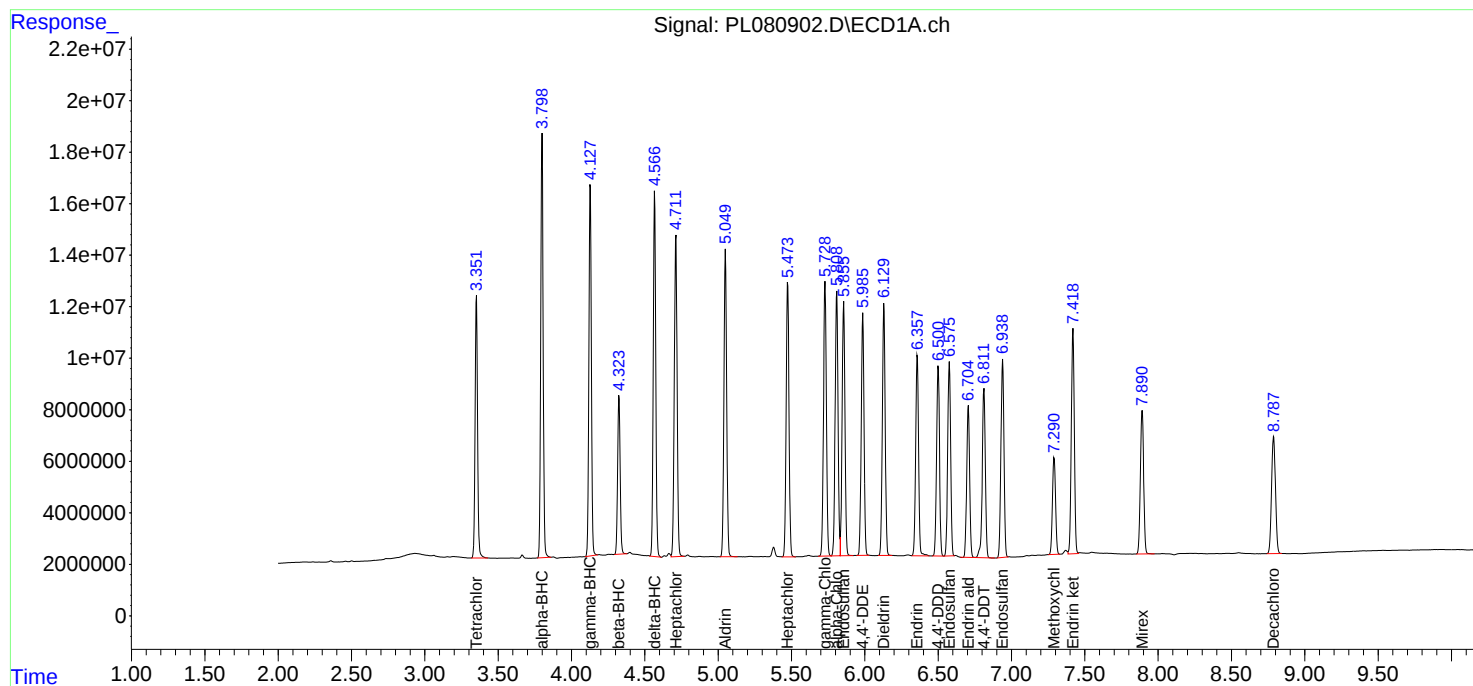
Manual Integrations

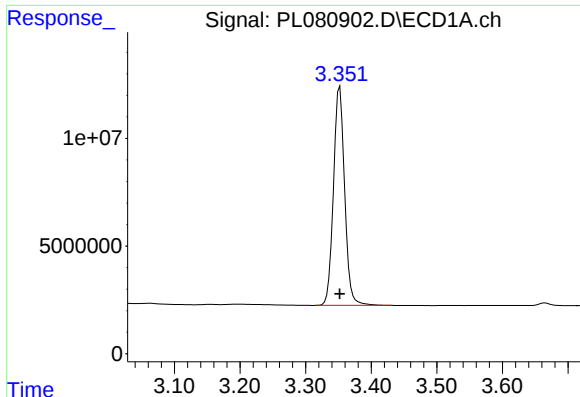
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Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 20:25:58 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





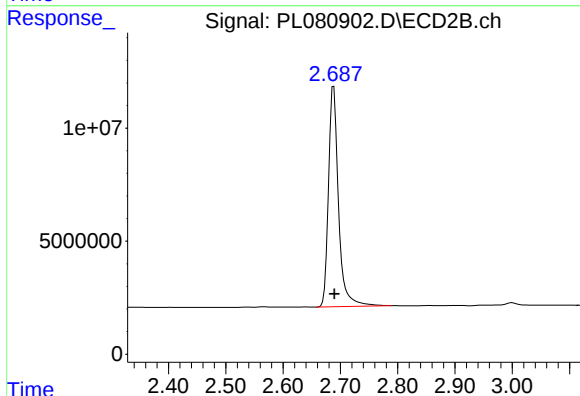
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 120449372
Conc: 56.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

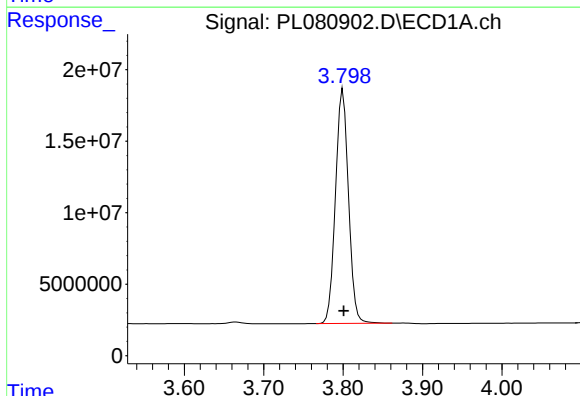
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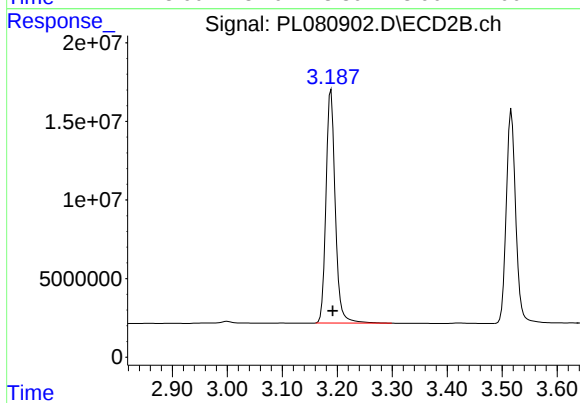
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 118213051
Conc: 53.82 ng/ml



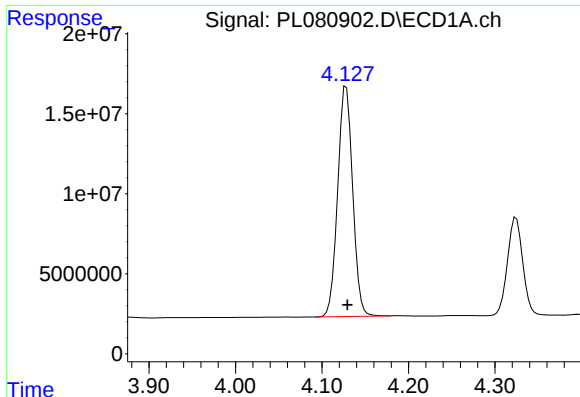
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 186534147
Conc: 58.88 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 173664906
Conc: 54.60 ng/ml



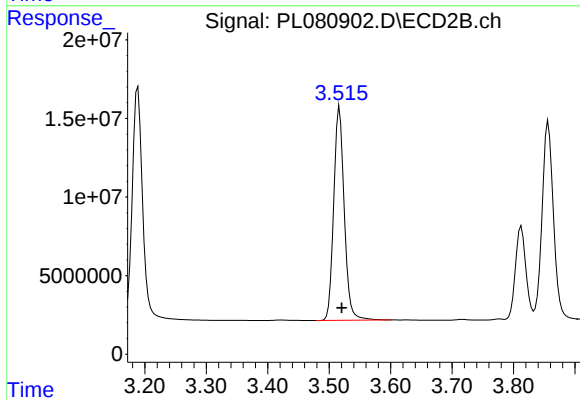
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 172226291
Conc: 58.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

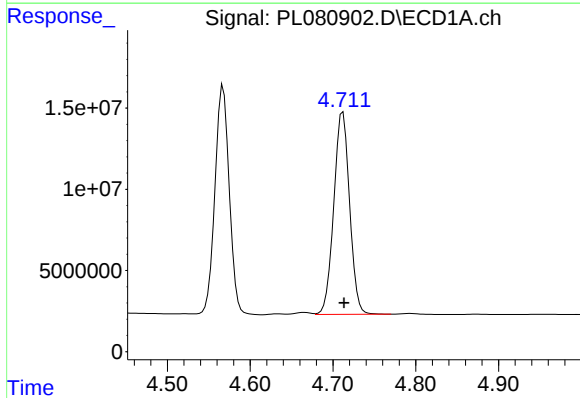
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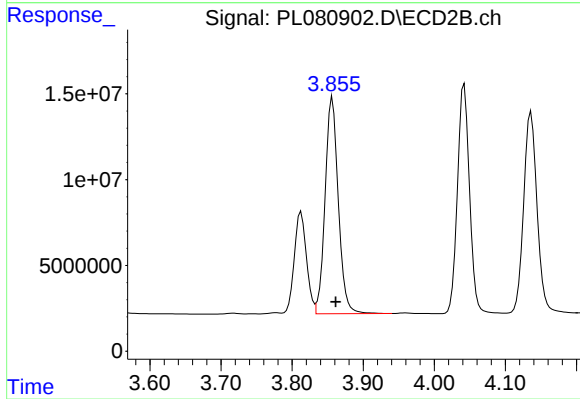
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 161756134
Conc: 54.15 ng/ml



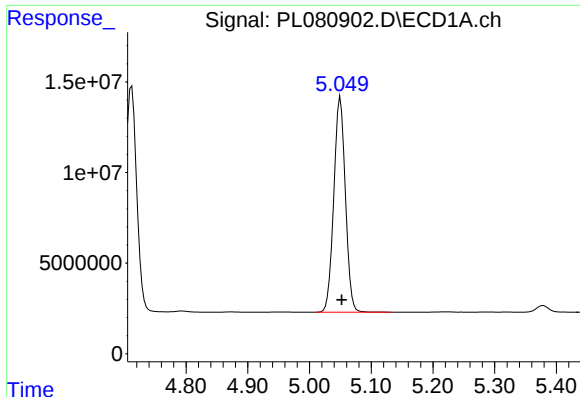
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 165439339
Conc: 55.98 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 162901222
Conc: 51.19 ng/ml



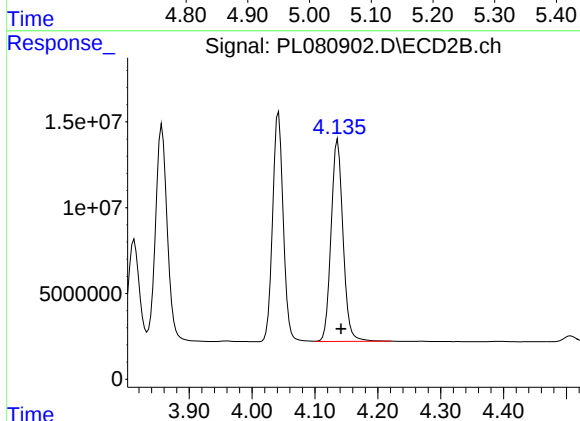
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 154940967
Conc: 56.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

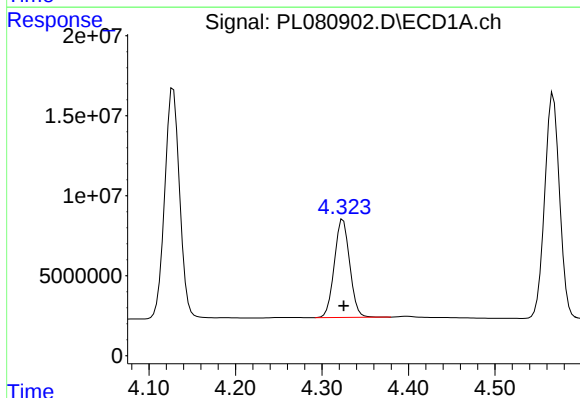
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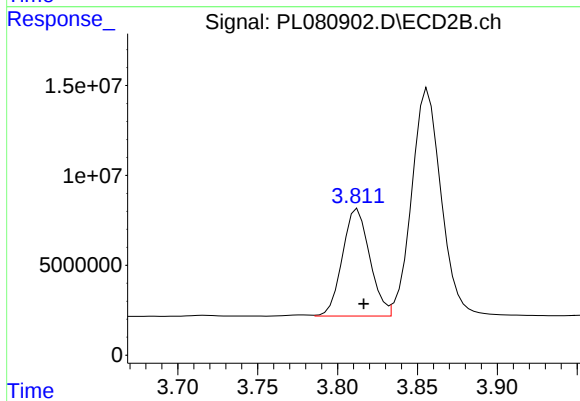
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 155042636
Conc: 52.56 ng/ml



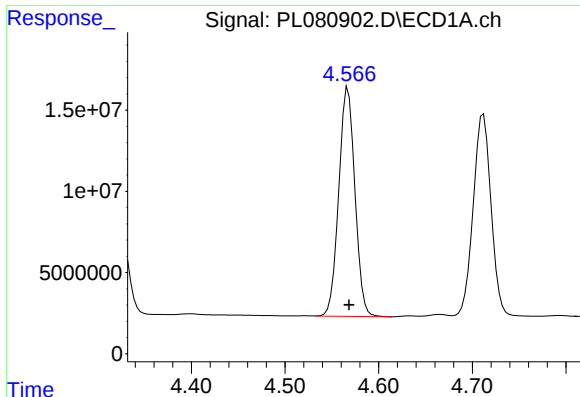
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 75343186
Conc: 55.20 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 71020553
Conc: 53.21 ng/ml



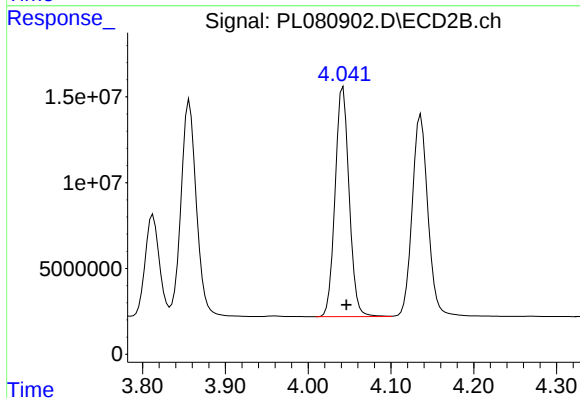
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 169339450
Conc: 58.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

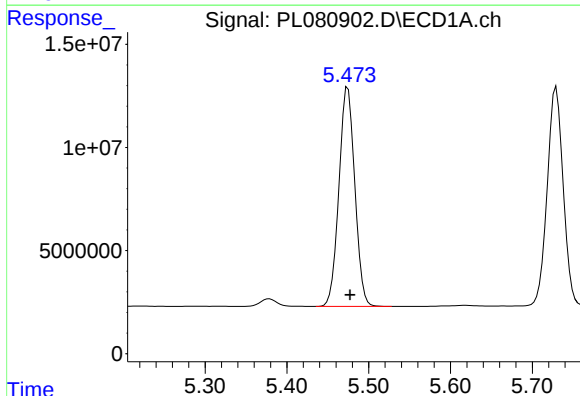
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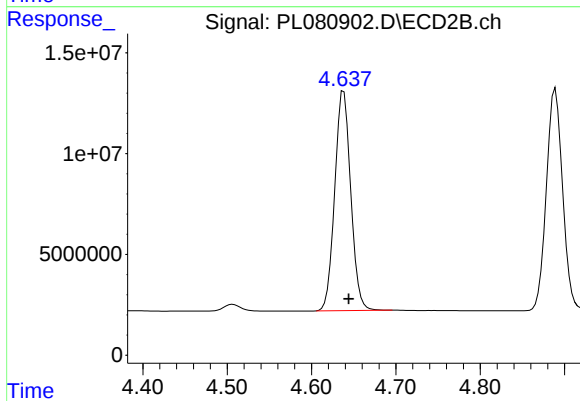
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 157793609
Conc: 54.71 ng/ml



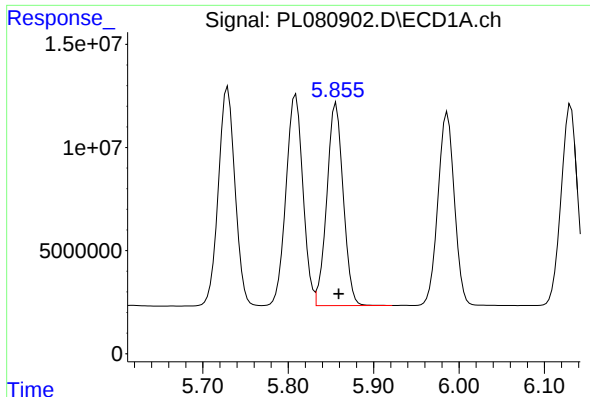
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 142943450
Conc: 55.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 143903502
Conc: 51.72 ng/ml



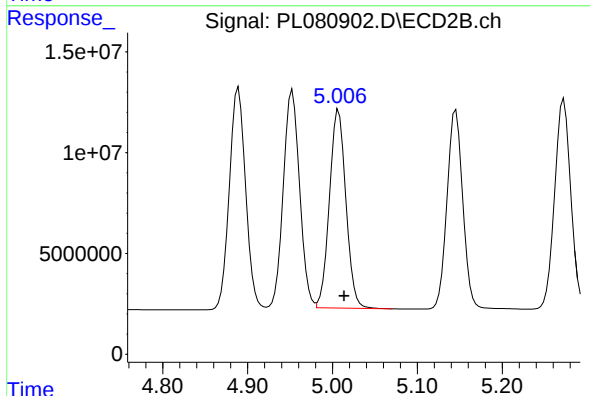
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 131158449
Conc: 55.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

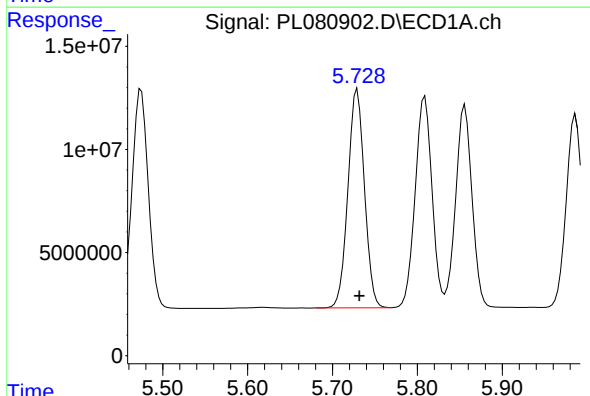
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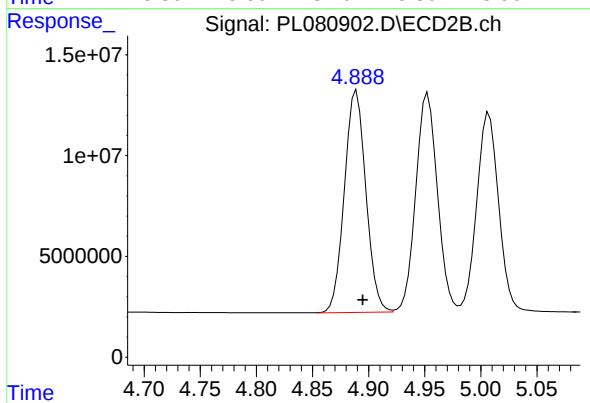
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 132487750
Conc: 50.93 ng/ml



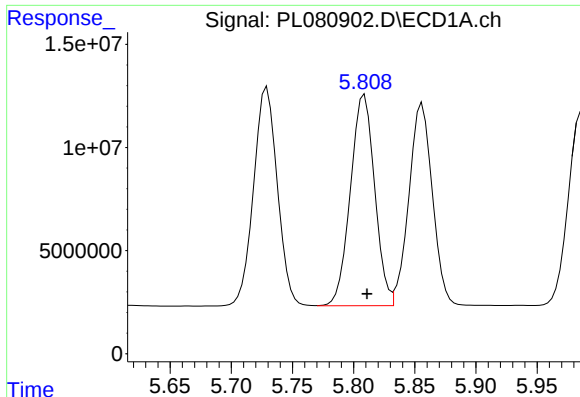
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 143401500
Conc: 56.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 146760358
Conc: 51.78 ng/ml m



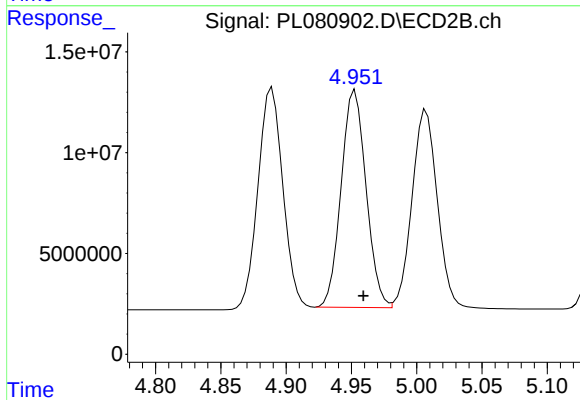
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 141193685
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

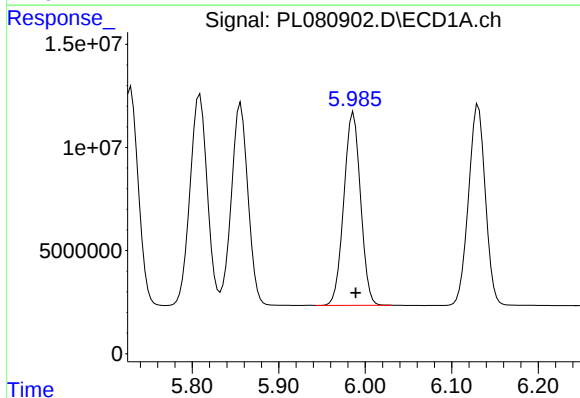
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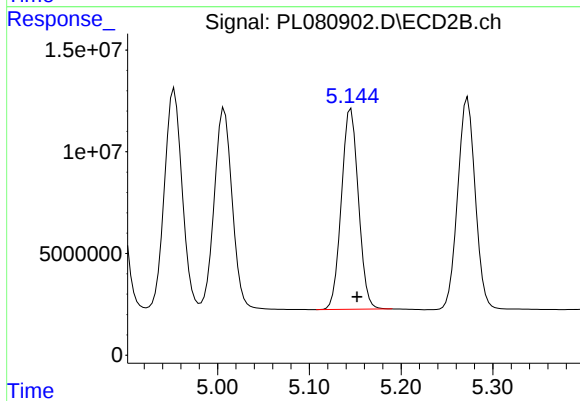
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 143288552
Conc: 50.02 ng/ml



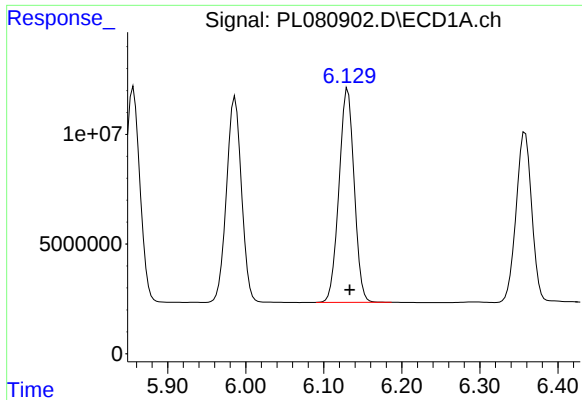
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.002 min
Response: 124897117
Conc: 56.07 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 126666712
Conc: 53.70 ng/ml m



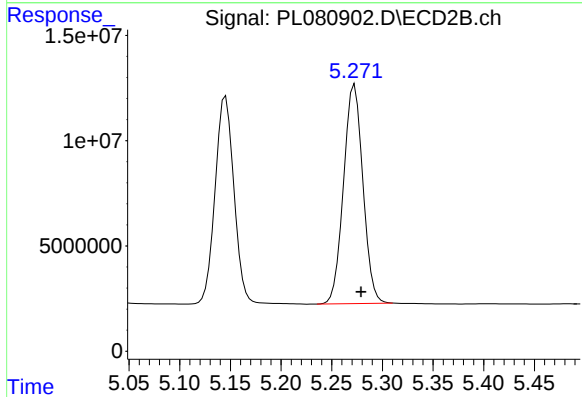
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 131613876
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

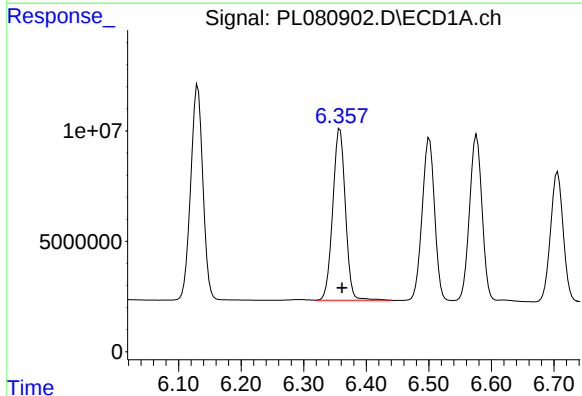
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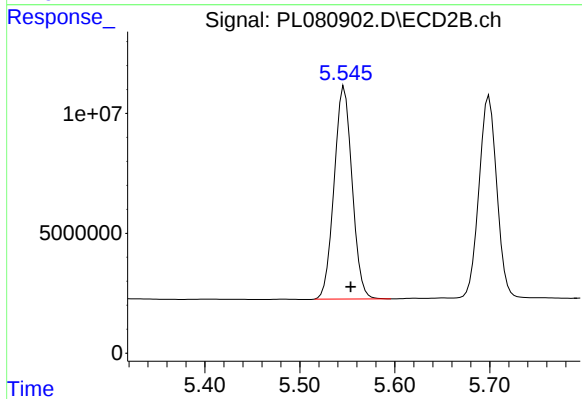
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 137901906
Conc: 50.98 ng/ml m



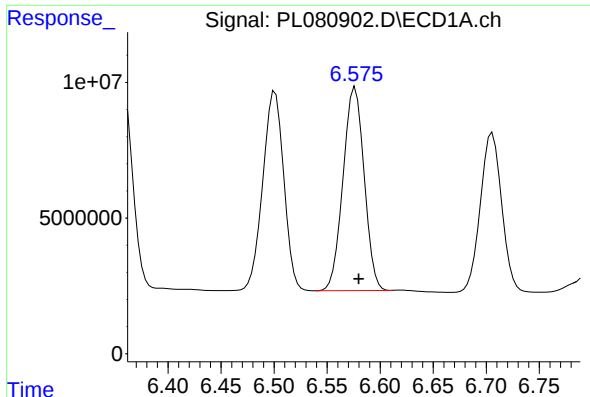
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 109552090
Conc: 50.66 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 116684011
Conc: 50.27 ng/ml



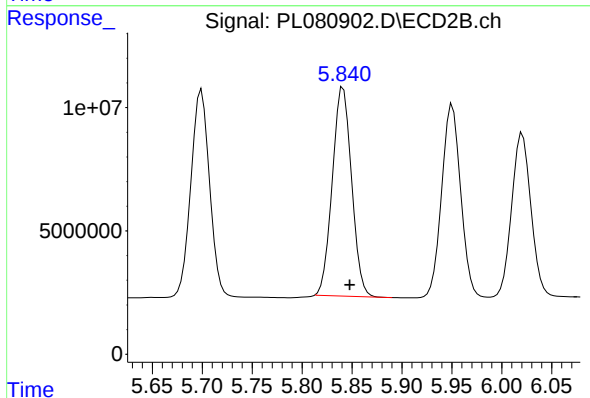
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 103732849
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

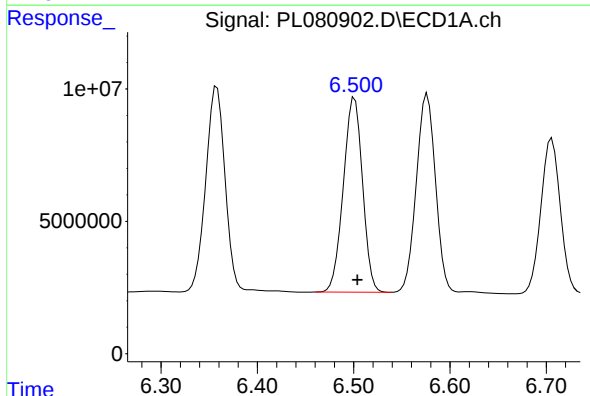
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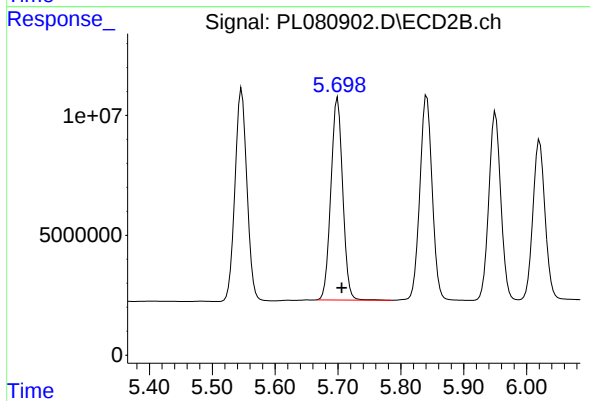
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.007 min
Response: 113600214
Conc: 54.52 ng/ml



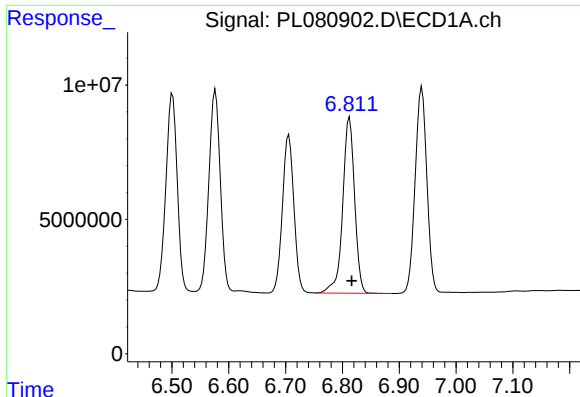
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 101468518
Conc: 55.39 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 110316719
Conc: 58.70 ng/ml



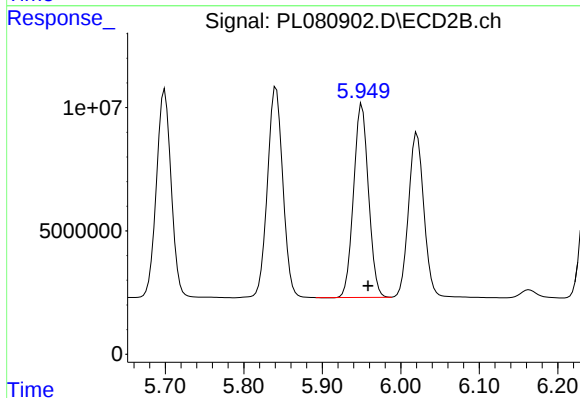
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 95269646
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

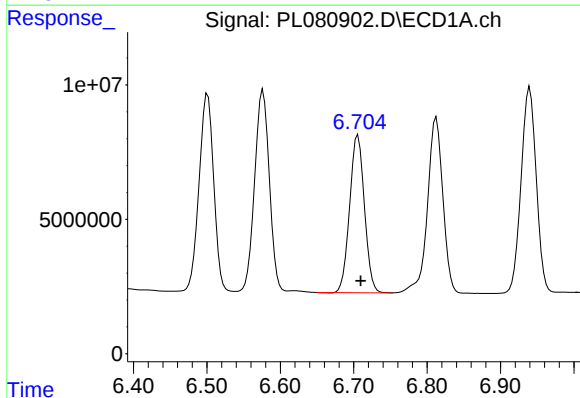
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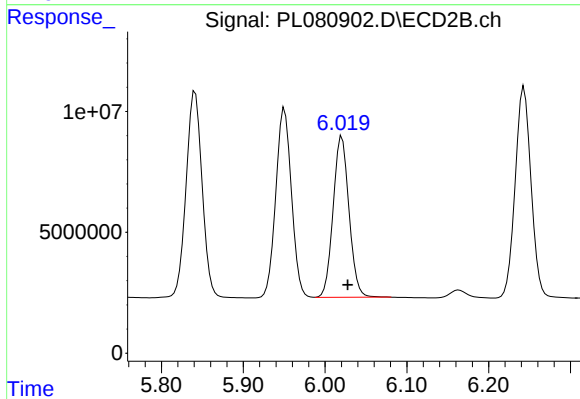
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.008 min
Response: 103460731
Conc: 49.23 ng/ml



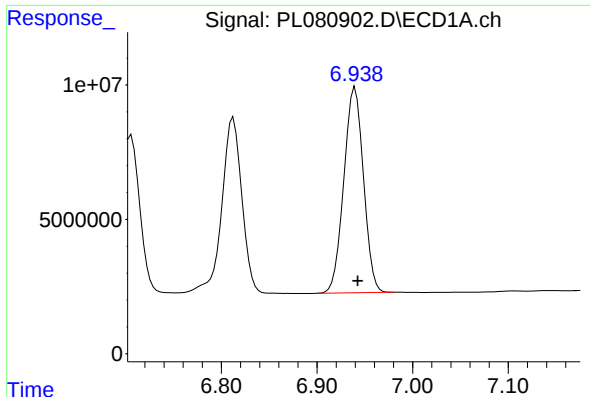
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 82087325
Conc: 49.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 89835320
Conc: 49.19 ng/ml



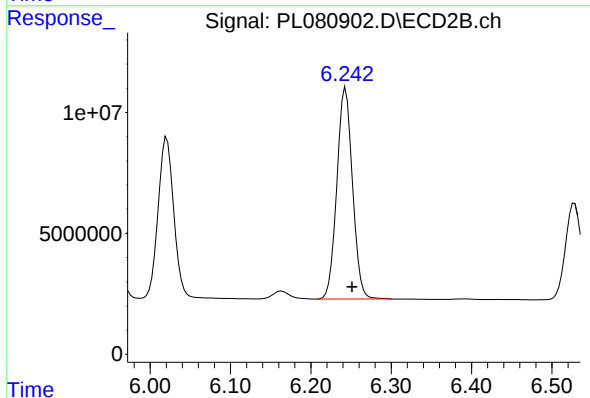
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 109618966
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

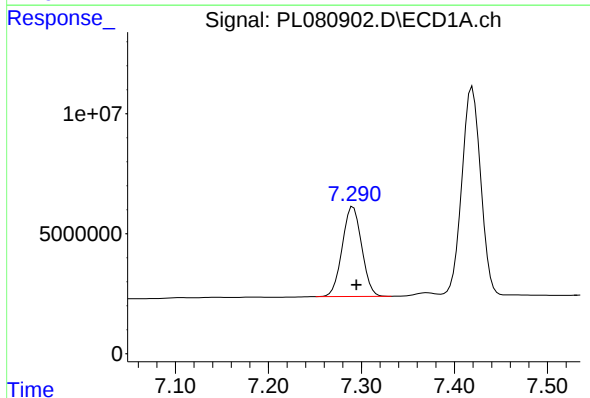
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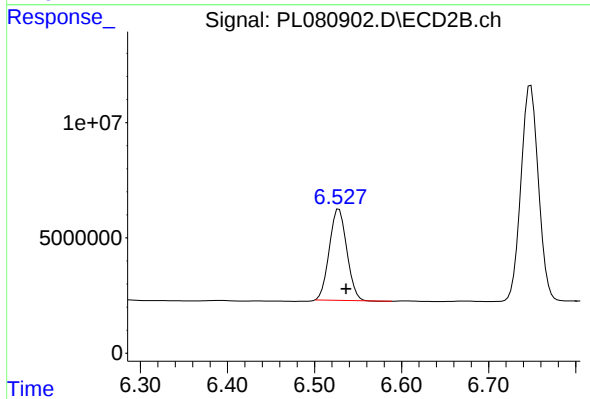
#19 Endosulfan Sulfate

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 118187506
Conc: 50.82 ng/ml



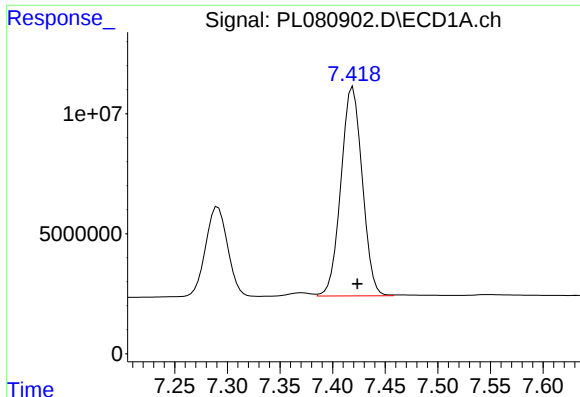
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 54391136
Conc: 49.30 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 55165654
Conc: 45.46 ng/ml



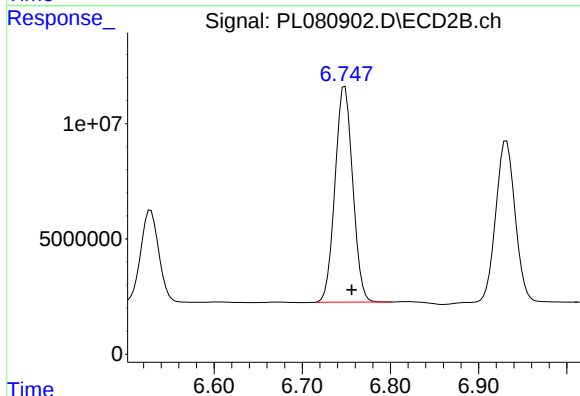
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.004 min
Response: 123185627
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

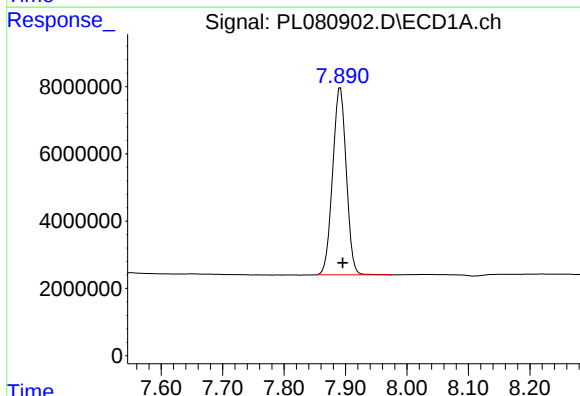
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/15/2023
Supervised By :Ankita Jodhani 02/15/2023



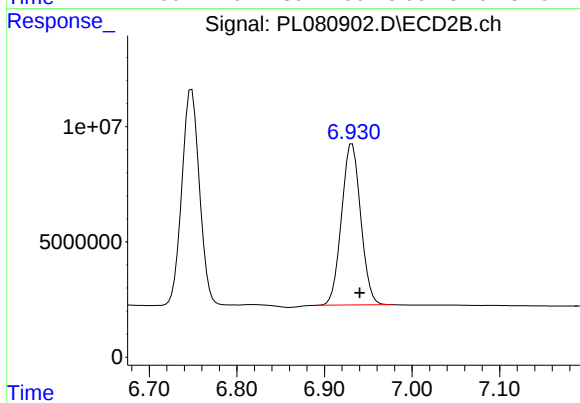
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 130568021
Conc: 51.14 ng/ml



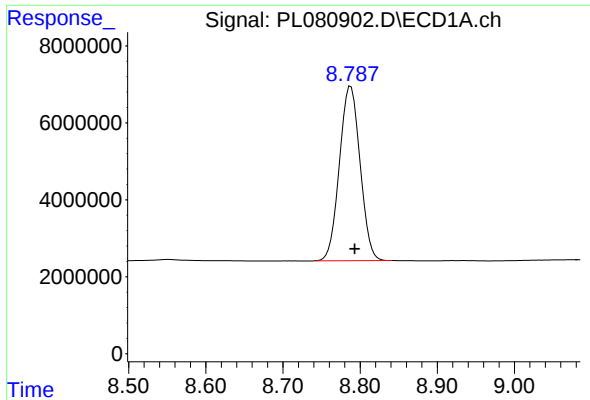
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 85891018
Conc: 49.94 ng/ml



#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.010 min
Response: 106118335
Conc: 46.61 ng/ml m



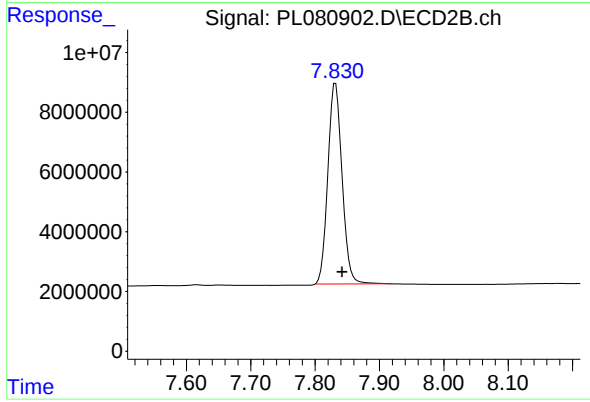
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 84099744
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/15/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 103238539
Conc: 43.33 ng/ml