

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
 Data File : PL080686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 17:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 21:05:30 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	112.4E6	116.1E6	52.425	52.861
28)	SA Decachlor...	8.785	7.833	88837851	110.6E6	50.743	46.419
Target Compounds							
2)	A alpha-BHC	3.799	3.189	172.2E6	170.4E6	54.360	53.585
3)	MA gamma-BHC...	4.127	3.517	159.8E6	158.8E6	54.360	53.161
4)	MA Heptachlor	4.710	3.857	152.6E6	160.1E6	51.645	50.295
5)	MB Aldrin	5.049	4.137	141.5E6	151.9E6	51.717	51.494
6)	B beta-BHC	4.323	3.813	69415532	69661555	50.853	52.195
7)	B delta-BHC	4.566	4.042	156.1E6	154.1E6	53.911	53.420
8)	B Heptachlo...	5.473	4.639	131.2E6	140.0E6	50.723	50.302
9)	A Endosulfan I	5.855	5.008	119.5E6	127.5E6	50.595	49.028
10)	B gamma-Chl...	5.728	4.888	129.7E6	143.6E6	51.359	50.683m
11)	B alpha-Chl...	5.807	4.954	128.4E6	138.6E6	50.858	48.395
12)	B 4,4'-DDE	5.985	5.145	112.9E6	121.0E6	50.707	51.311m
13)	MA Dieldrin	6.129	5.273	121.6E6	133.7E6	50.808	49.432
14)	MA Endrin	6.355	5.548	103.6E6	113.3E6	47.926m	48.801
15)	B Endosulfa...	6.575	5.842	99961729	108.4E6	43.607	52.038
16)	A 4,4'-DDD	6.498	5.700	95980797	101.8E6	52.392	54.149
17)	MA 4,4'-DDT	6.812	5.952	95231116	101.4E6	45.836	48.271
18)	B Endrin al...	6.704	6.022	81119361	88063893	48.767	48.225
19)	B Endosulfa...	6.938	6.245	103.4E6	114.5E6	49.957	49.221
20)	A Methoxychlor	7.290	6.529	50880389	54649455	46.117	45.036
21)	B Endrin ke...	7.418	6.749	112.7E6	129.6E6	51.063	50.772
22)	Mirex	7.889	6.932	85588896	106.4E6	49.767	46.729

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
Data File : PL080686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Feb 2023 17:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

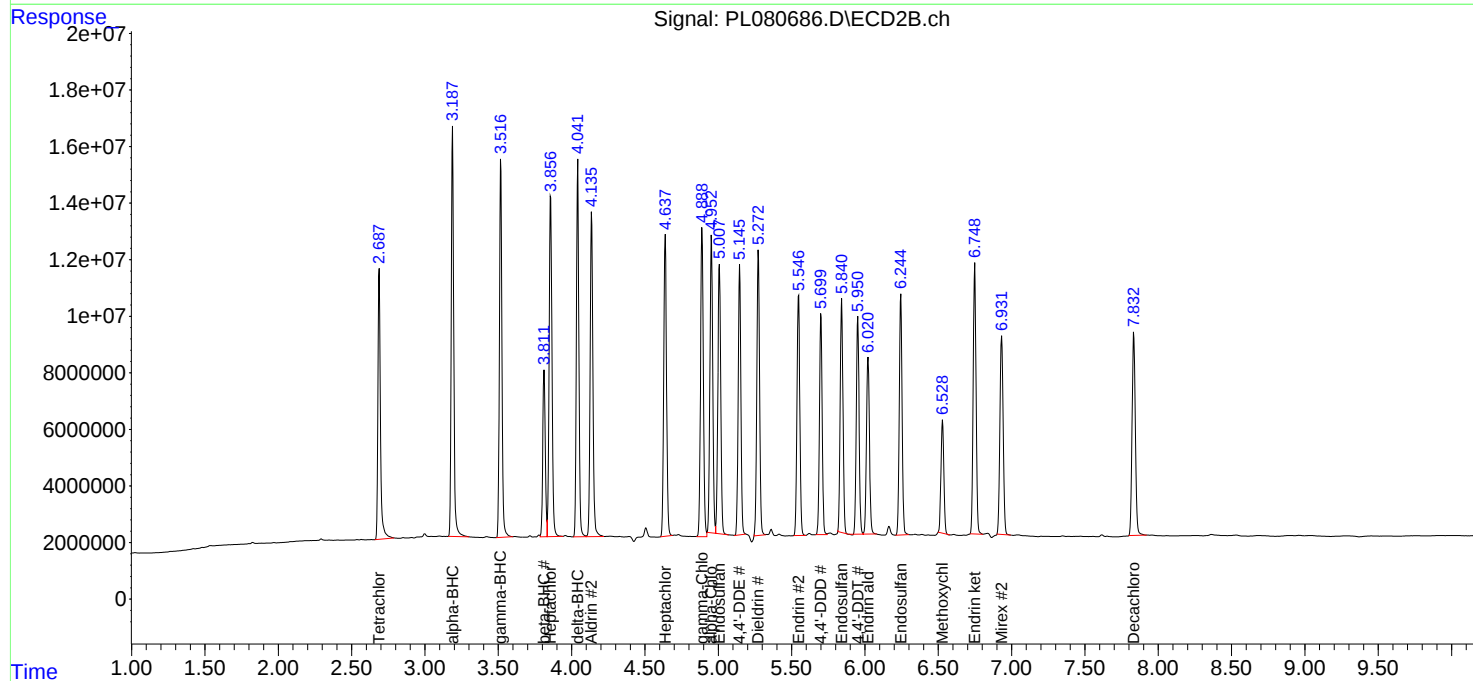
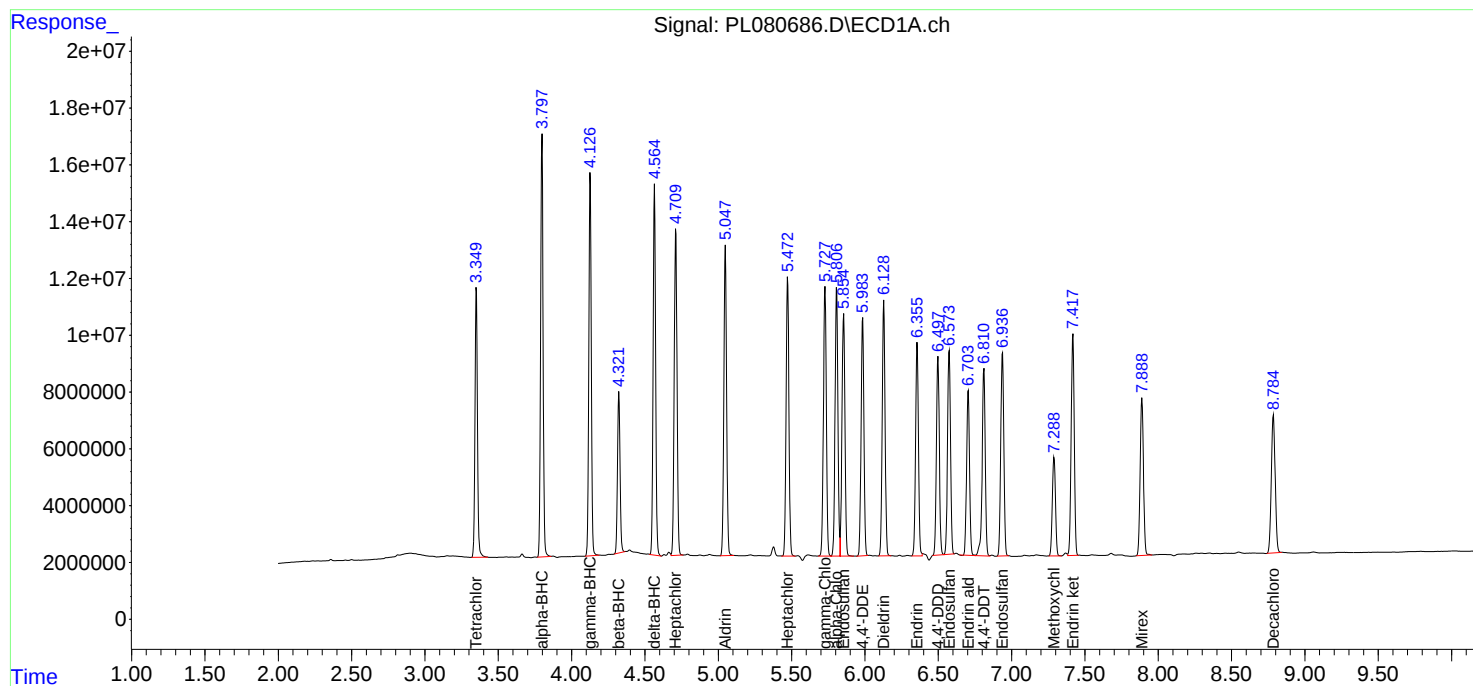
APPROVED

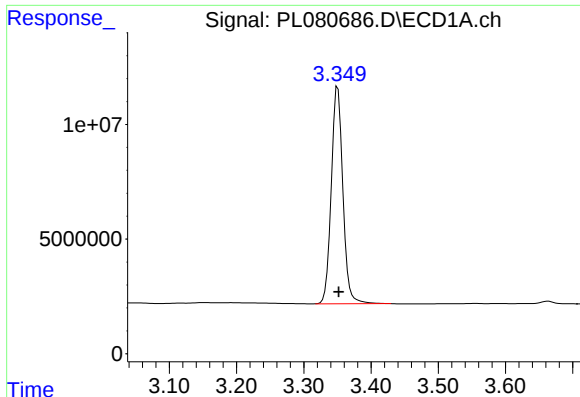
Reviewed By :Abdul Mirza 02/02/2023

Supervised By :Ankita Jodhani 02/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 21:05:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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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





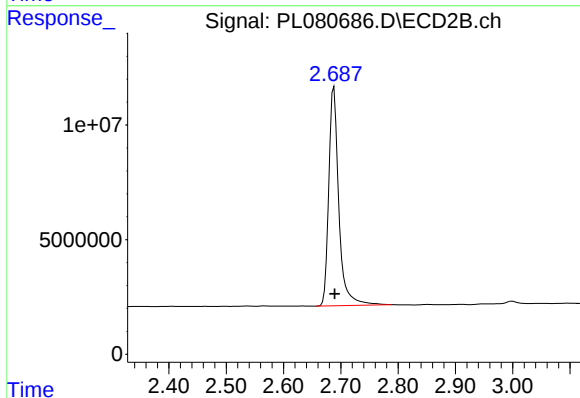
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 112441976
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

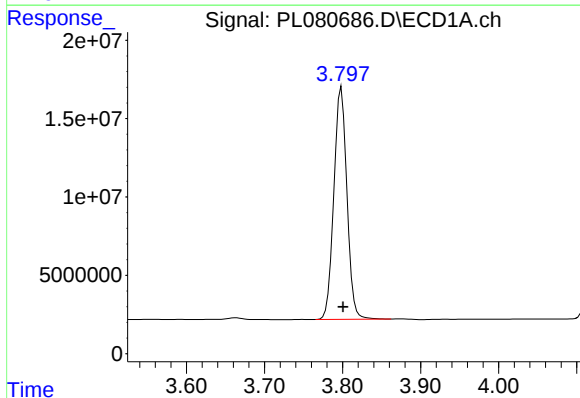
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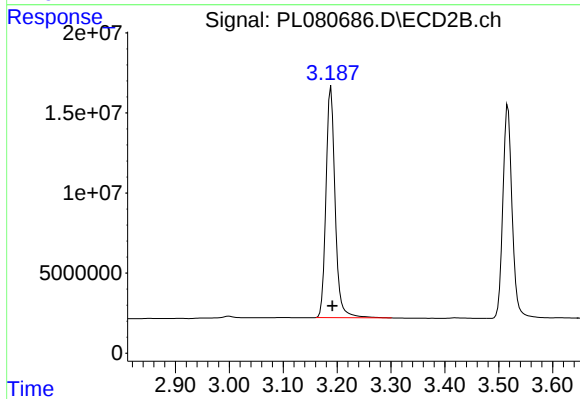
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 116106778
Conc: 52.86 ng/ml



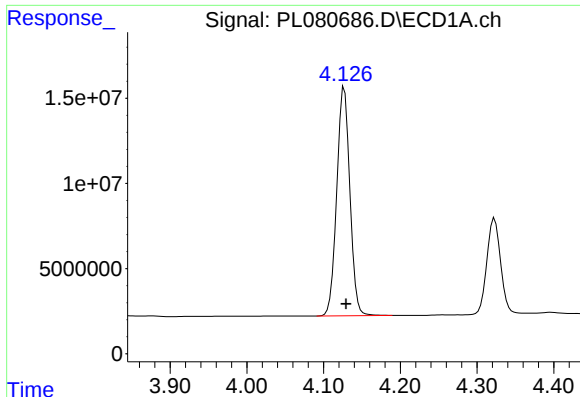
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 172213225
Conc: 54.36 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 170421377
Conc: 53.58 ng/ml



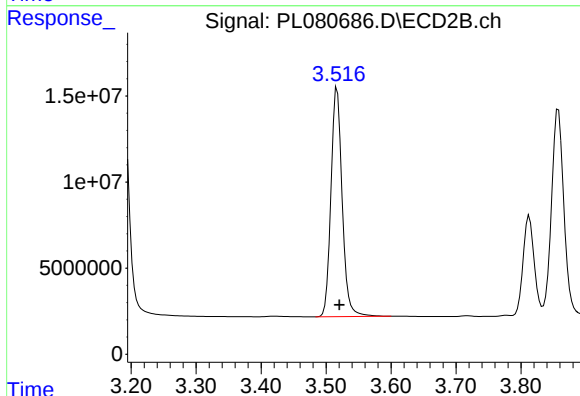
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 159805944
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

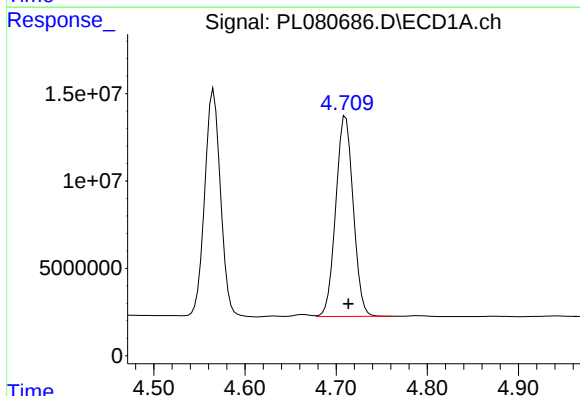
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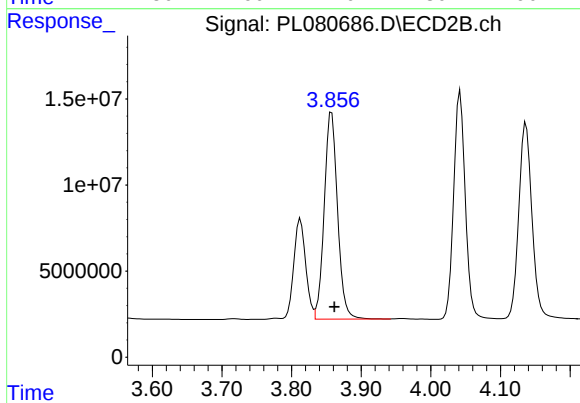
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 158808834
Conc: 53.16 ng/ml



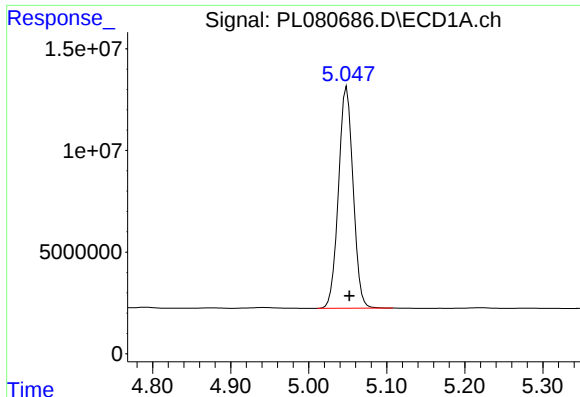
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 152621365
Conc: 51.64 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 160057278
Conc: 50.30 ng/ml



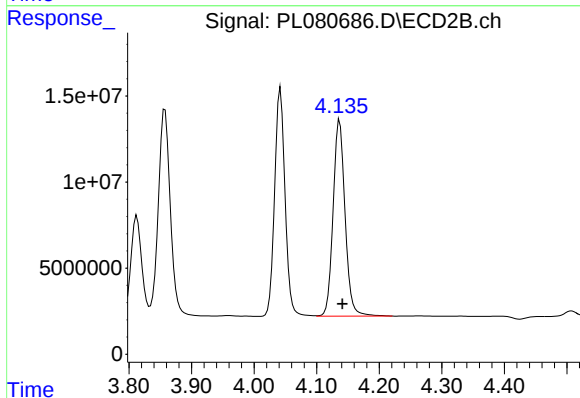
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 141486372
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

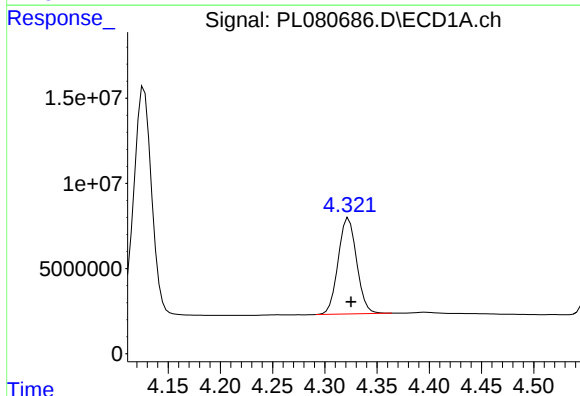
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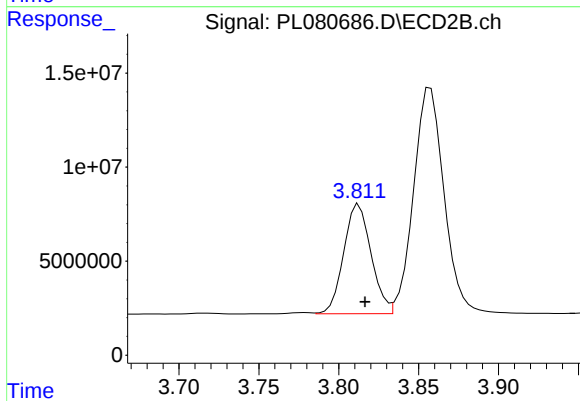
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 151886001
Conc: 51.49 ng/ml



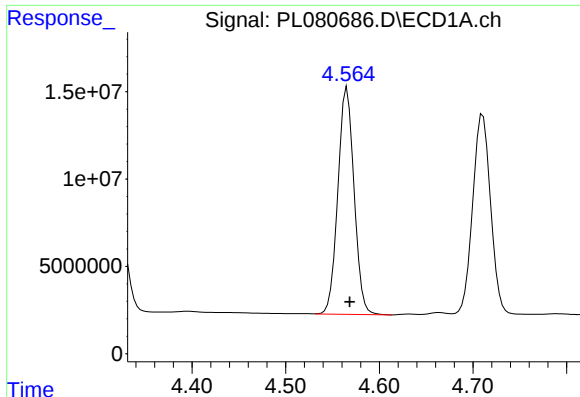
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 69415532
Conc: 50.85 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 69661555
Conc: 52.20 ng/ml



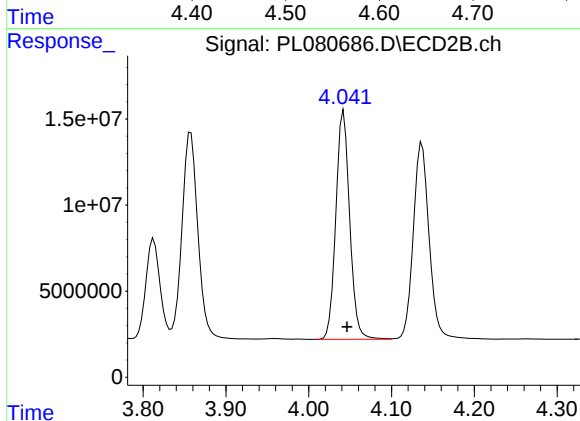
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 156073045
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

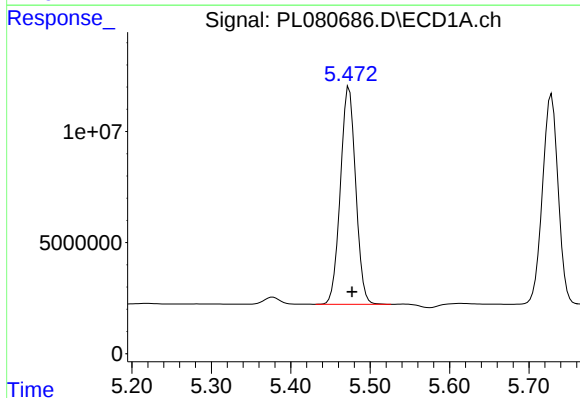
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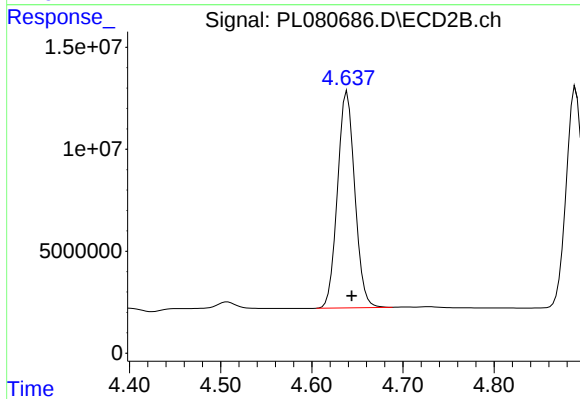
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 154088142
Conc: 53.42 ng/ml



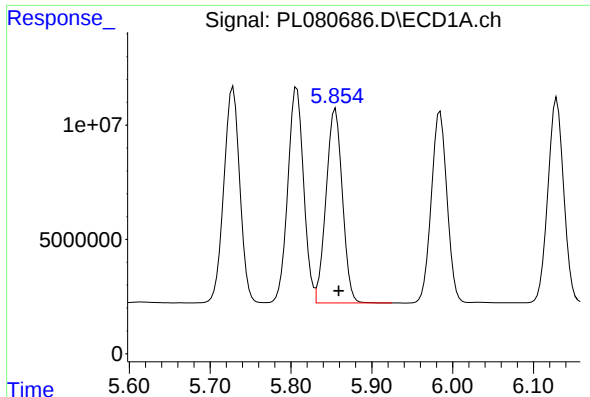
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 131224017
Conc: 50.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 139957873
Conc: 50.30 ng/ml



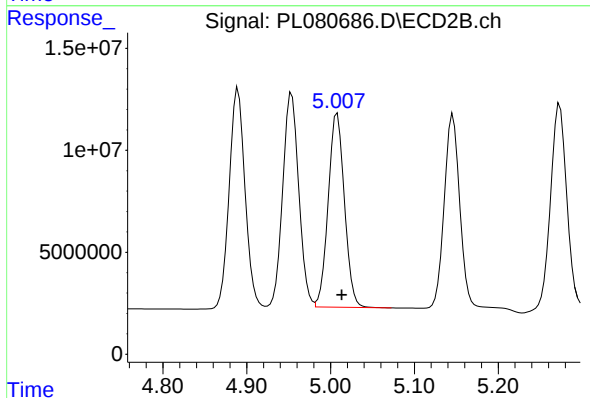
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 119477332
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

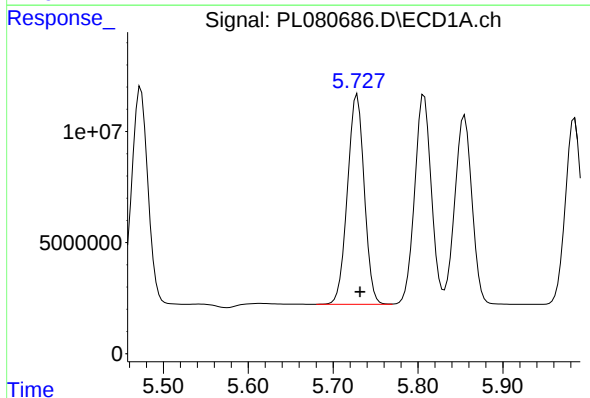
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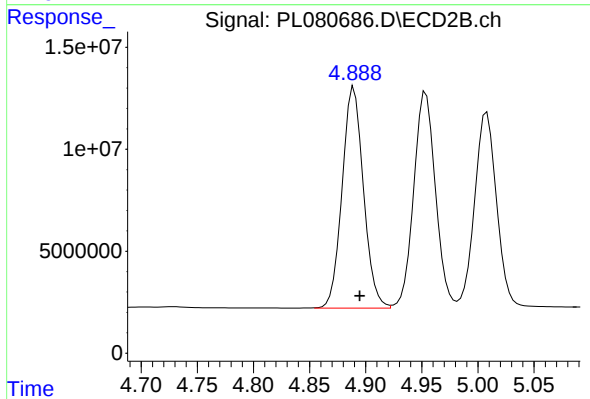
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 127538289
Conc: 49.03 ng/ml



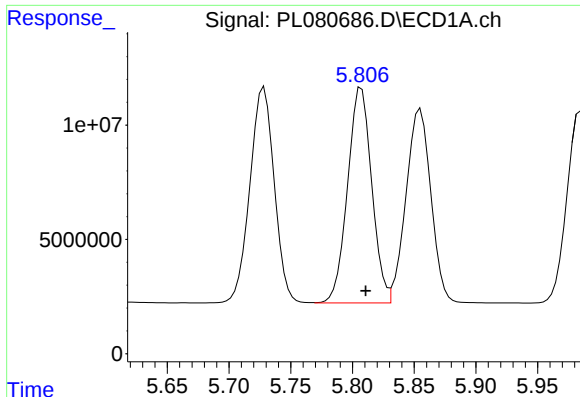
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 129719535
Conc: 51.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 143647019
Conc: 50.68 ng/ml m



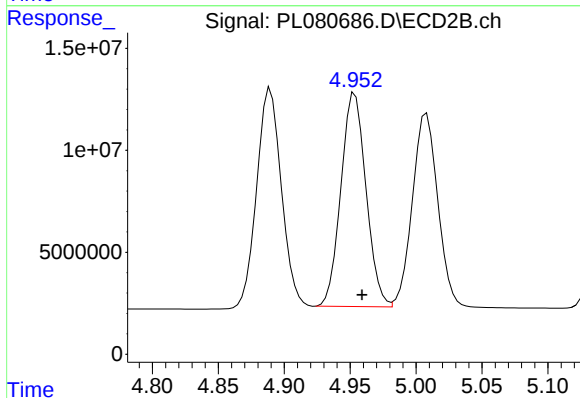
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 128379194
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

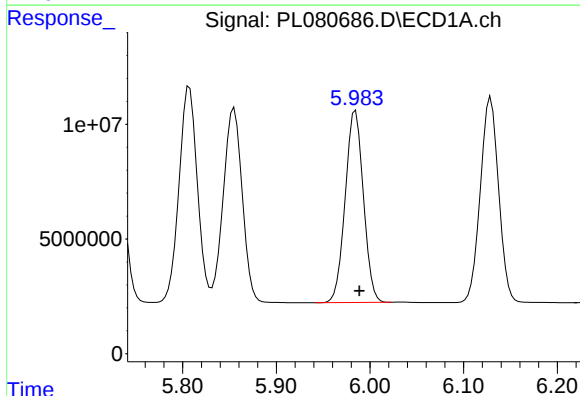
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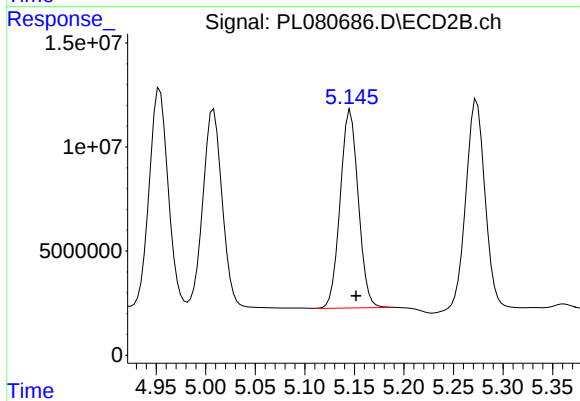
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 138635182
Conc: 48.39 ng/ml



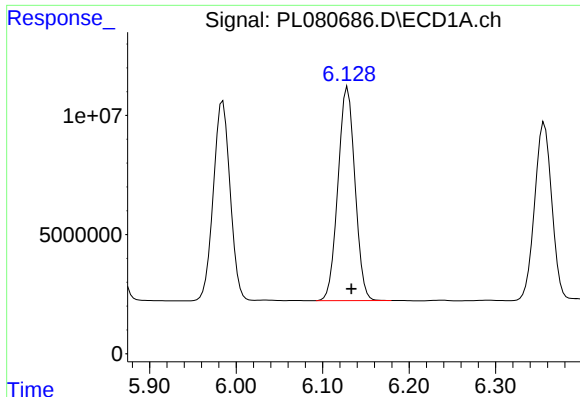
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 112941034
Conc: 50.71 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 121034004
Conc: 51.31 ng/ml m



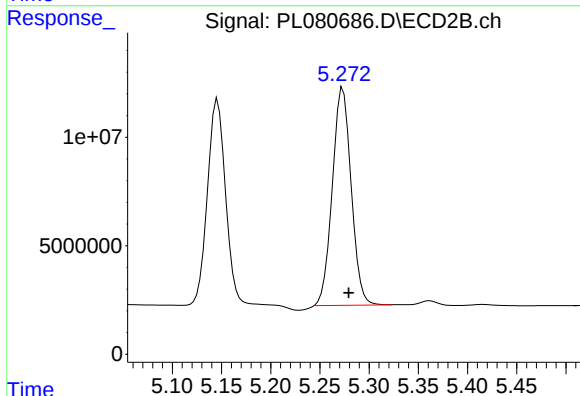
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 121602382
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

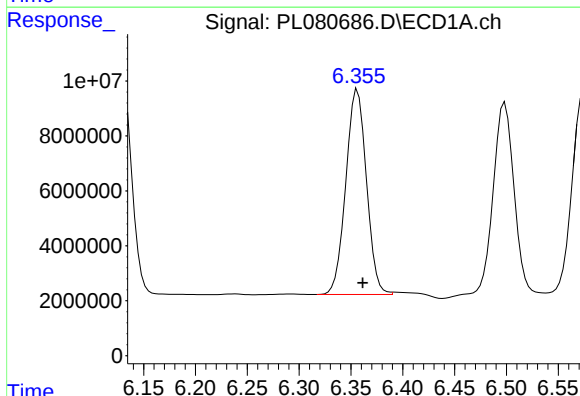
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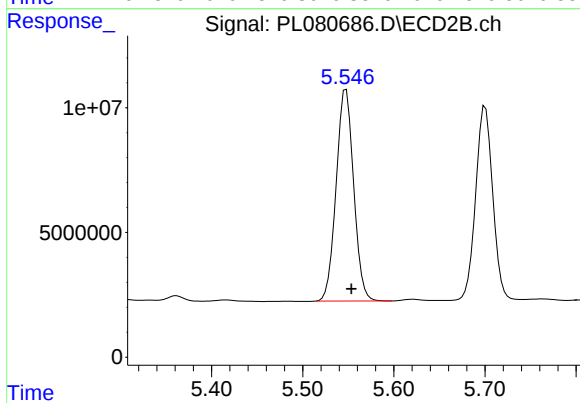
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 133711707
Conc: 49.43 ng/ml



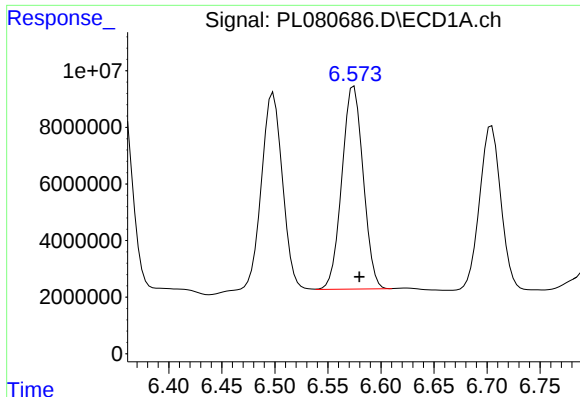
#14 Endrin

R.T.: 6.355 min
Delta R.T.: -0.006 min
Response: 103649875
Conc: 47.93 ng/ml m



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 113274501
Conc: 48.80 ng/ml



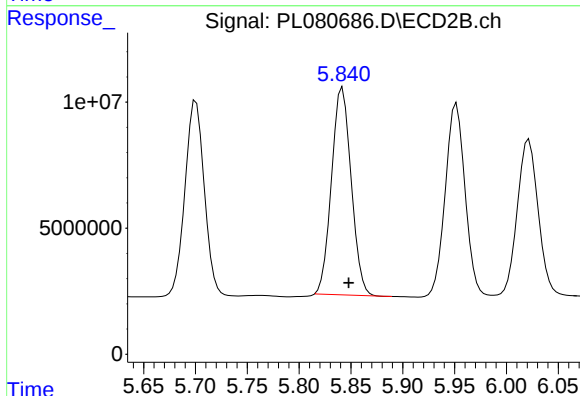
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 99961729
Conc: 43.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

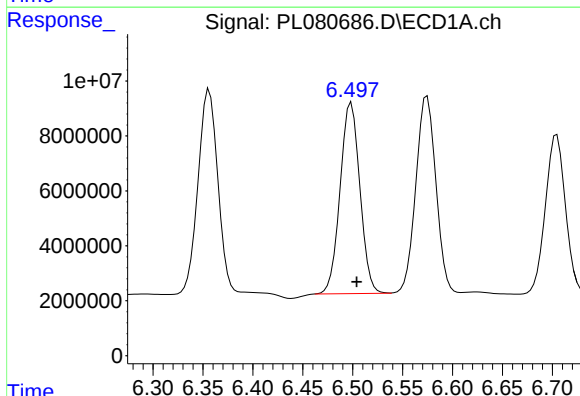
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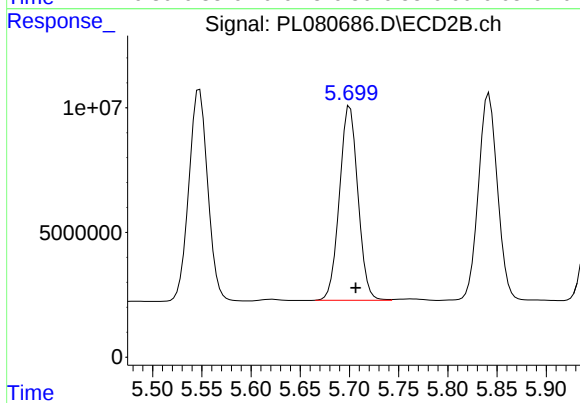
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 108432638
Conc: 52.04 ng/ml



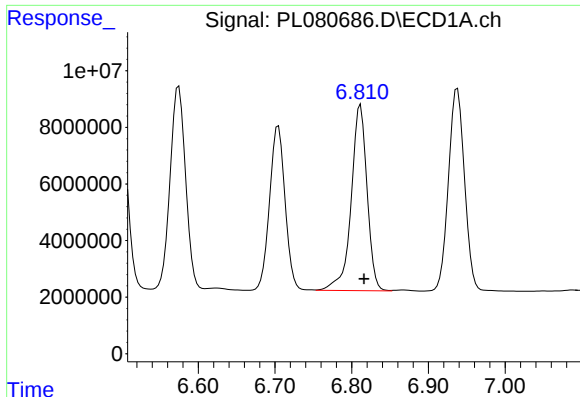
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 95980797
Conc: 52.39 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 101757039
Conc: 54.15 ng/ml



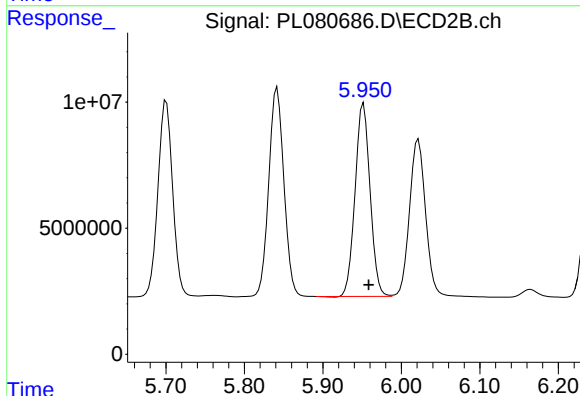
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.005 min
Response: 95231116
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

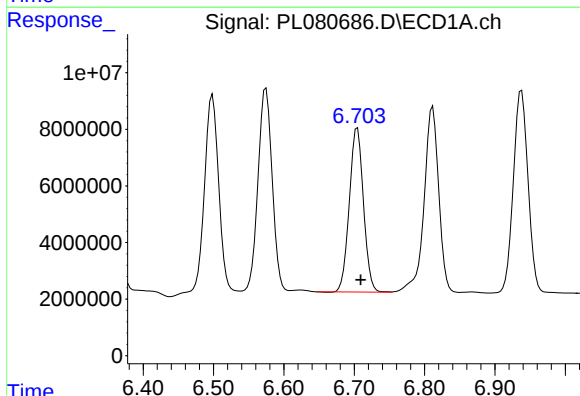
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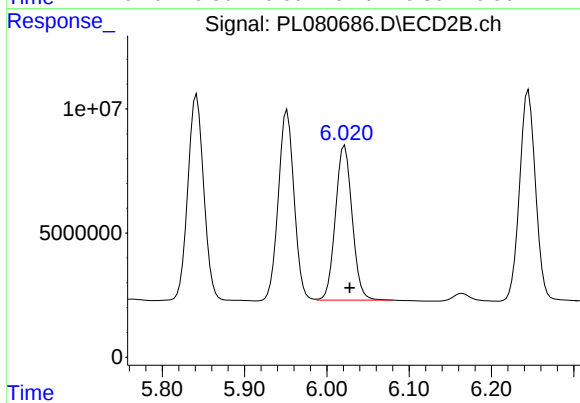
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 101439965
Conc: 48.27 ng/ml



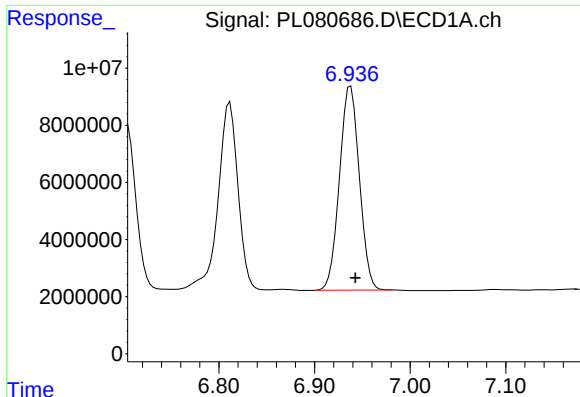
#18 Endrin aldehyde

R.T.: 6.704 min
Delta R.T.: -0.005 min
Response: 81119361
Conc: 48.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 88063893
Conc: 48.22 ng/ml



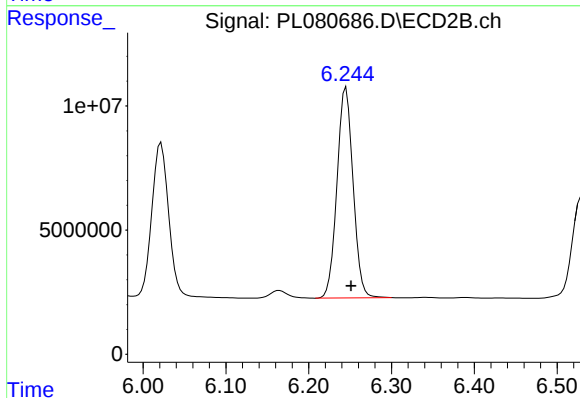
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: -0.005 min
Response: 103405923
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

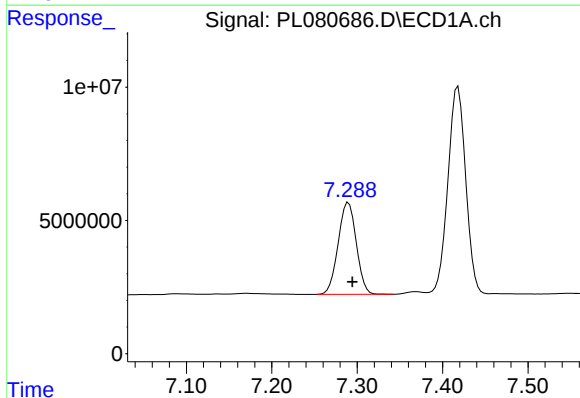
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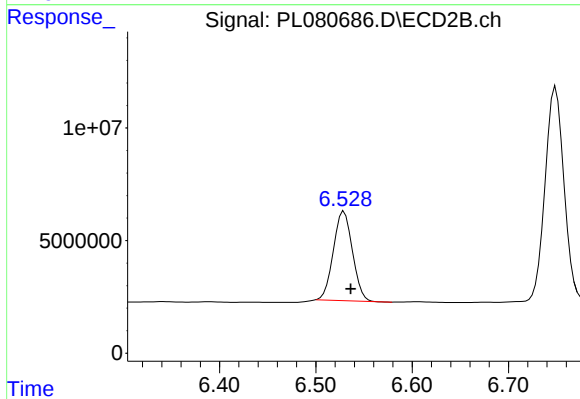
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 114471421
Conc: 49.22 ng/ml



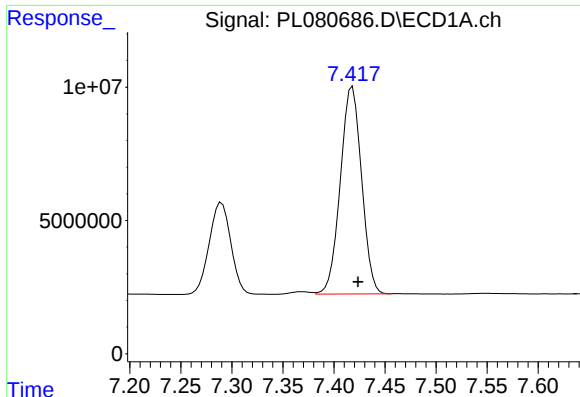
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 50880389
Conc: 46.12 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 54649455
Conc: 45.04 ng/ml



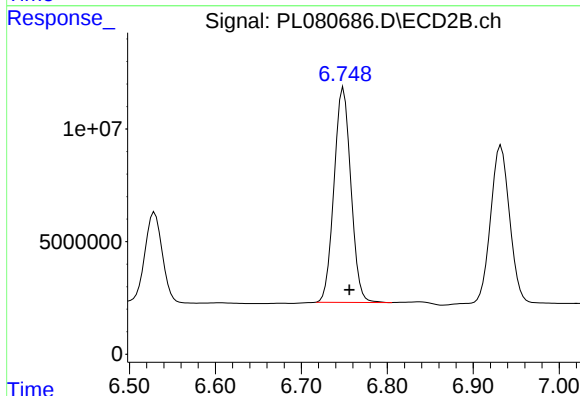
#21 Endrin ketone

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 112663397
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

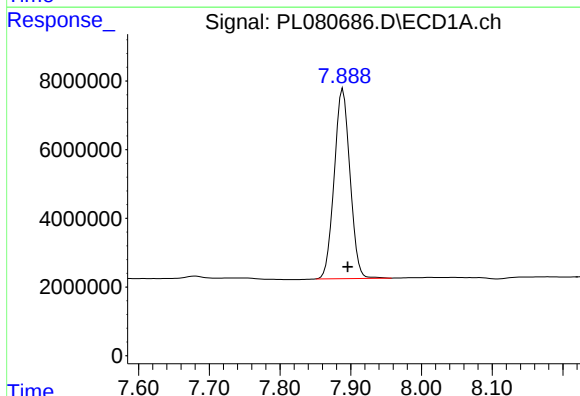
Manual Integrations
APPROVED

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



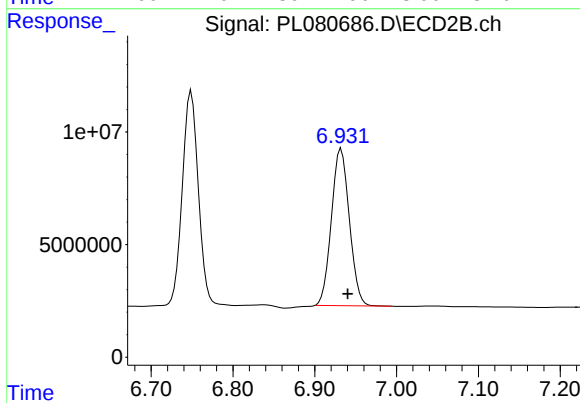
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 129632050
Conc: 50.77 ng/ml



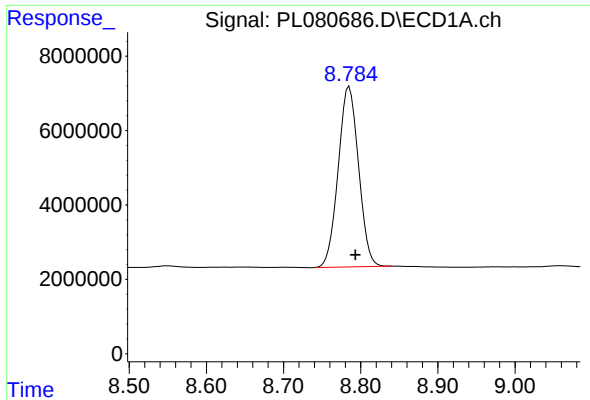
#22 Mirex

R.T.: 7.889 min
Delta R.T.: -0.007 min
Response: 85588896
Conc: 49.77 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 106388447
Conc: 46.73 ng/ml



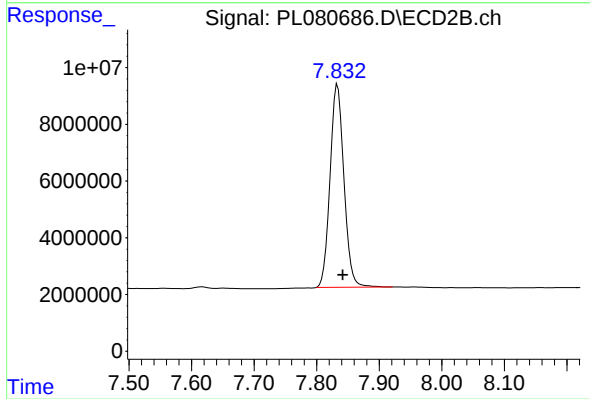
#28 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.008 min
Response: 88837851
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/02/2023



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 110594936
Conc: 46.42 ng/ml