

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072922\
 Data File : PL076740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 15:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/29/2022
 Supervised By : Ankita Jodhani 07/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 00:08:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 2022
 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...	3.422	2.643	58159509	148.6E6	56.354	50.113
28)	SA Decachlor...	8.917	7.753	47131707	126.5E6	53.441	49.295
Target Compounds							
2)	A alpha-BHC	3.887	3.137	82410250	215.5E6	57.144	51.604
3)	MA gamma-BHC...	4.223	3.462	76443924	195.6E6	56.616	51.321
4)	MA Heptachlor	4.800	3.796	73479117	188.8E6	54.753	50.006
5)	MB Aldrin	5.140	4.072	67850180	177.3E6	56.489	50.396
6)	B beta-BHC	4.434	3.760	33065943	83781589	55.411	49.410
7)	B delta-BHC	4.678	3.985	60905355	197.2E6	54.947	51.706
8)	B Heptachlo...	5.573	4.571	62378269	158.5E6	55.941	49.958
9)	A Endosulfan I	5.959	4.937	57895209	146.0E6	56.041	50.454
10)	B gamma-Chl...	5.829	4.820	62546703	161.2E6	56.411	50.370
11)	B alpha-Chl...	5.906	4.883	62129104	157.0E6	56.158	50.308
12)	B 4,4'-DDE	6.085	5.077	56155373	152.1E6	57.212	51.177
13)	MA Dieldrin	6.237	5.201	59227125	154.9E6	56.275	49.906
14)	MA Endrin	6.469	5.473	48370652	119.2E6	50.355	47.484
15)	B Endosulfa...	6.696	5.769	49501298	124.2E6	55.153	51.800
16)	A 4,4'-DDD	6.609	5.630	48657934	127.3E6	58.367	53.720
17)	MA 4,4'-DDT	6.920	5.879	46579975	115.0E6	51.258	47.850
18)	B Endrin al...	6.828	5.949	40729270	95405636	55.867	50.639
19)	B Endosulfa...	7.060	6.171	50196832	124.8E6	55.818	50.737
20)	A Methoxychlor	7.401	6.458	25486499	60323419	50.366	46.122
21)	B Endrin ke...	7.548	6.672	57436212	142.2E6	56.166m	52.409
22)	Mirex	8.010	6.849	41203307	99718528	53.269	49.724

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

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 Data File : PL076740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2022 15:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

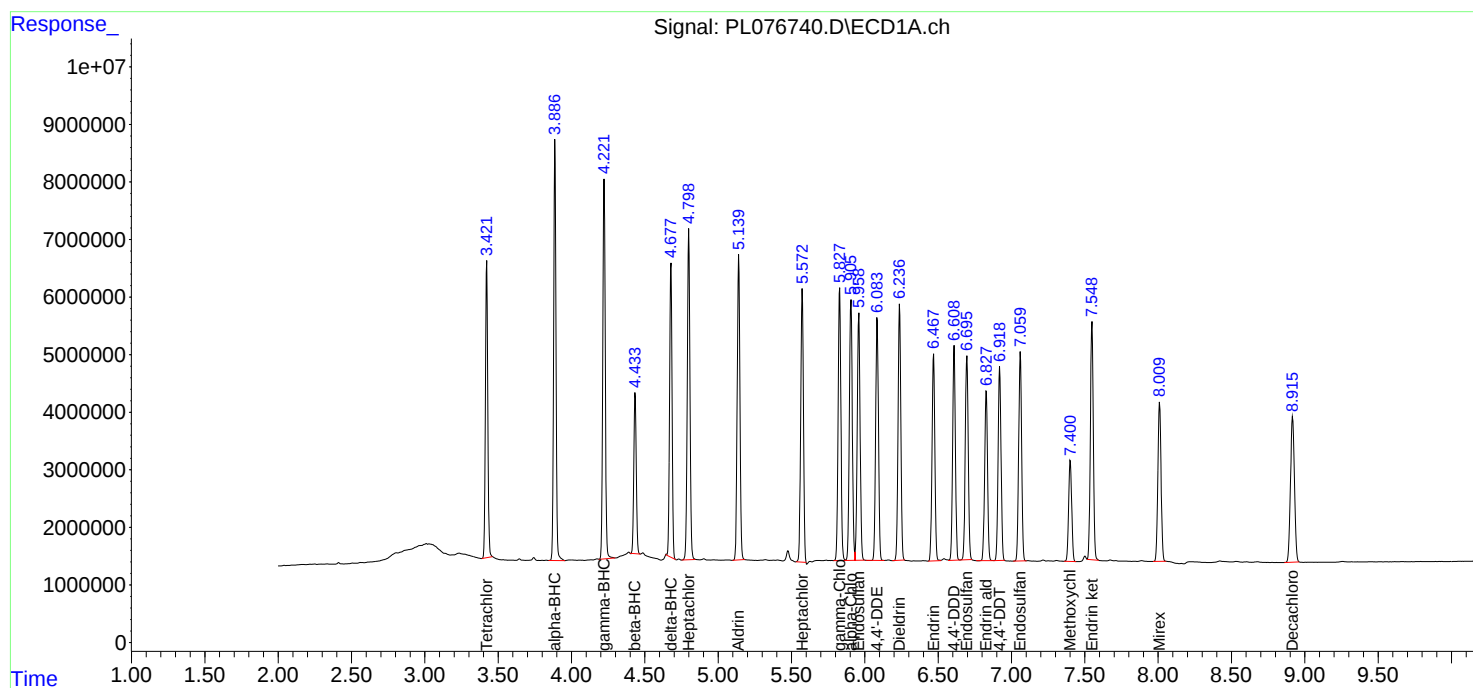
Manual Integrations

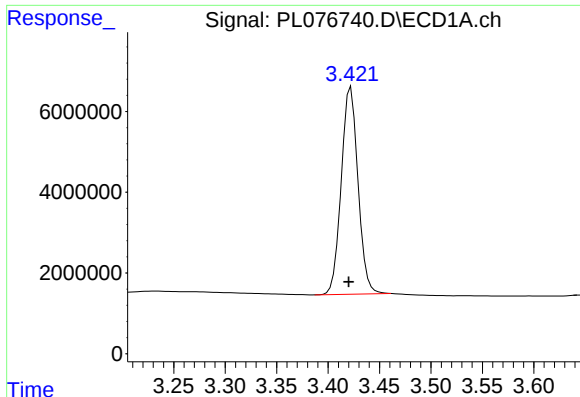
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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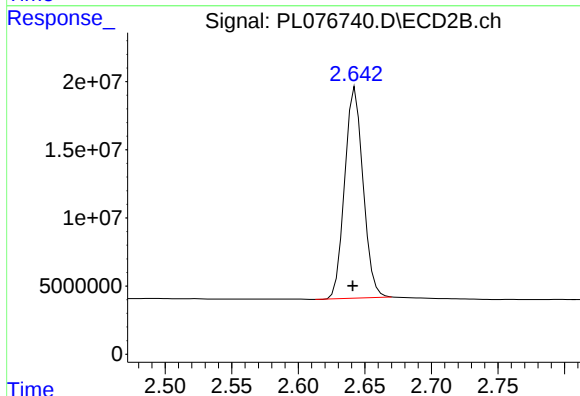
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.002 min
Response: 58159509
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

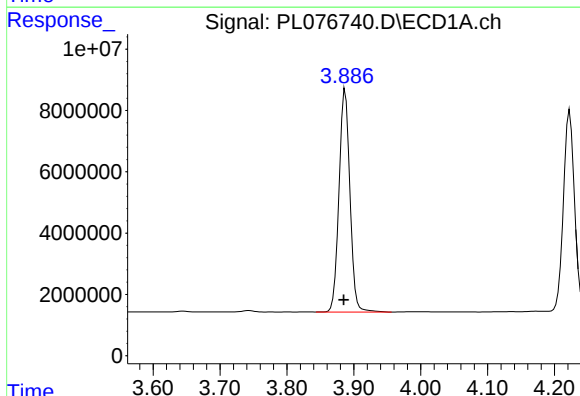
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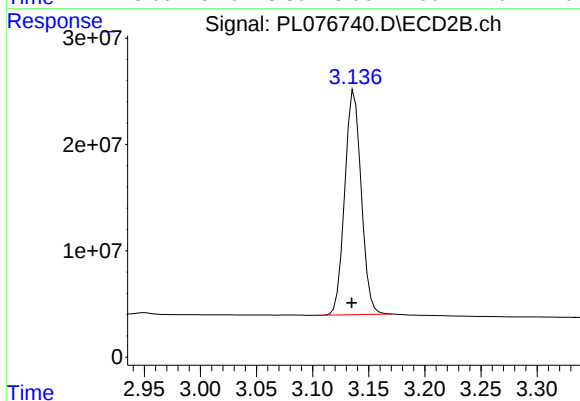
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: 0.002 min
Response: 148646156
Conc: 50.11 ng/ml



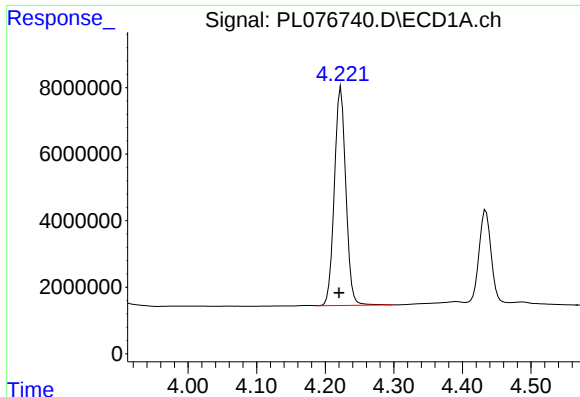
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 82410250
Conc: 57.14 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: 0.002 min
Response: 215454030
Conc: 51.60 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.223 min
Delta R.T.: 0.003 min
Response: 76443924
Conc: 56.62 ng/ml

Instrument :

ECD_L

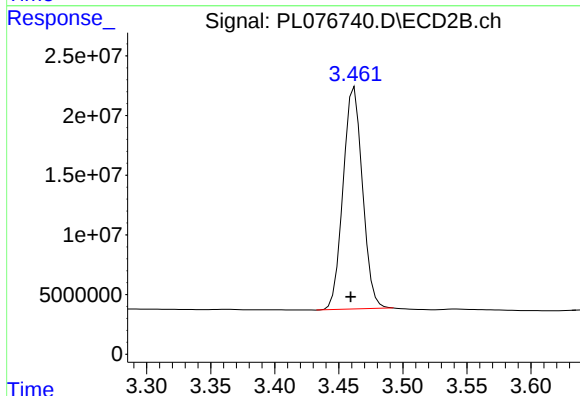
ClientSampleId :

PSTDCCC050

Manual Integrations

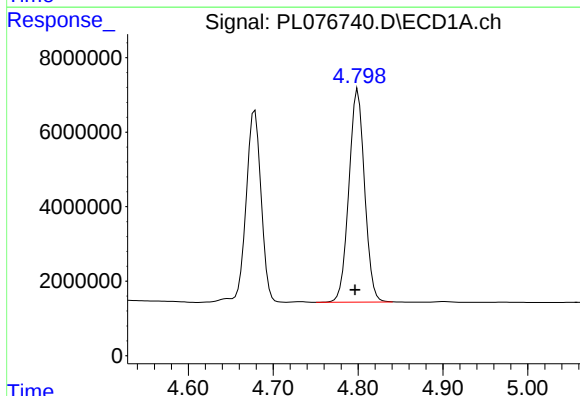
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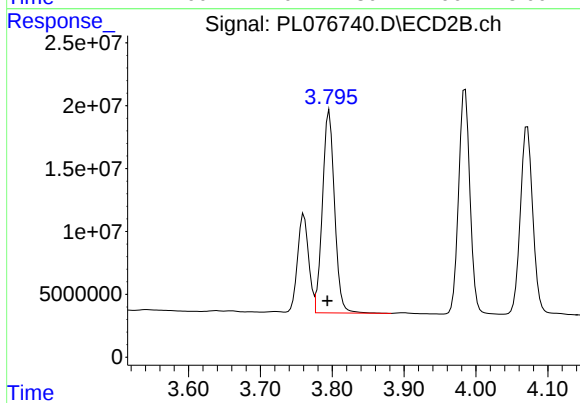
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.003 min
Response: 195603768
Conc: 51.32 ng/ml



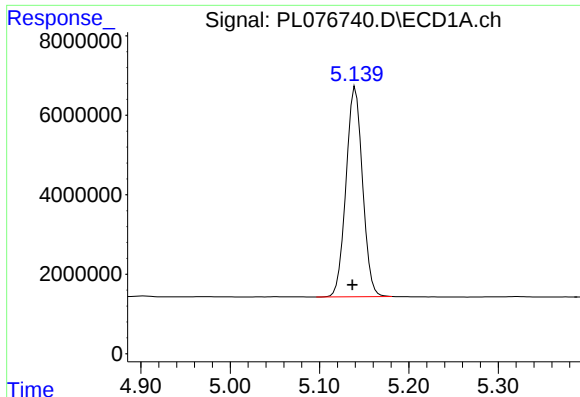
#4 Heptachlor

R.T.: 4.800 min
Delta R.T.: 0.003 min
Response: 73479117
Conc: 54.75 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: 0.003 min
Response: 188814907
Conc: 50.01 ng/ml



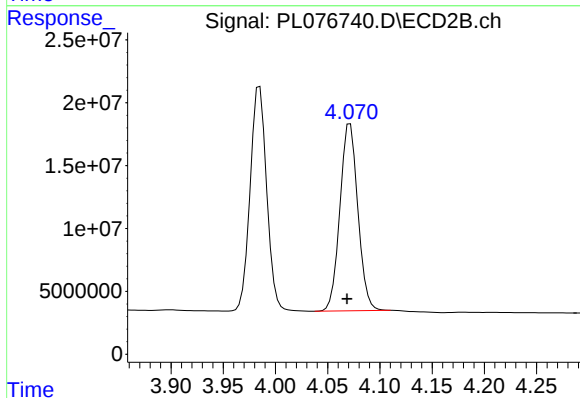
#5 Aldrin

R.T.: 5.140 min
Delta R.T.: 0.003 min
Response: 67850180
Conc: 56.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

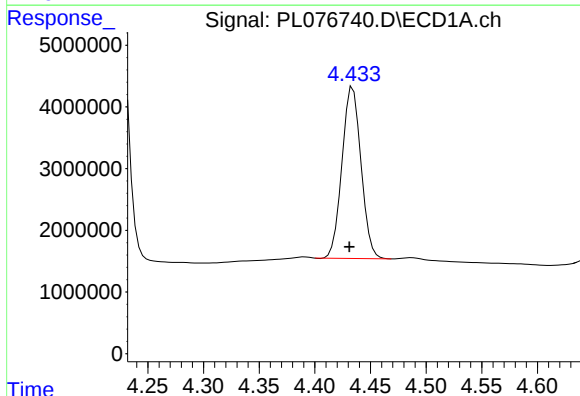
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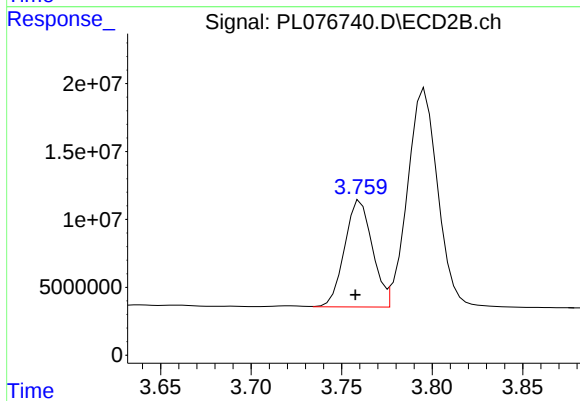
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: 0.003 min
Response: 177285320
Conc: 50.40 ng/ml



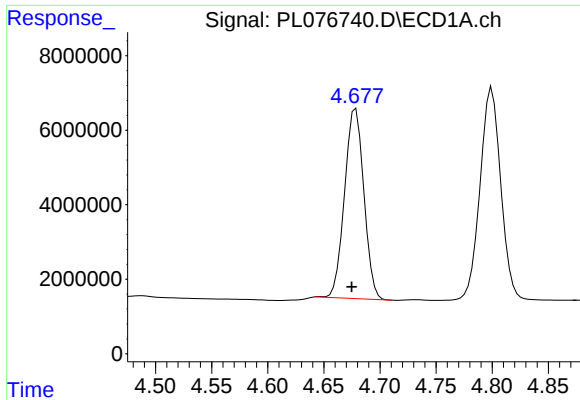
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.003 min
Response: 33065943
Conc: 55.41 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: 0.003 min
Response: 83781589
Conc: 49.41 ng/ml



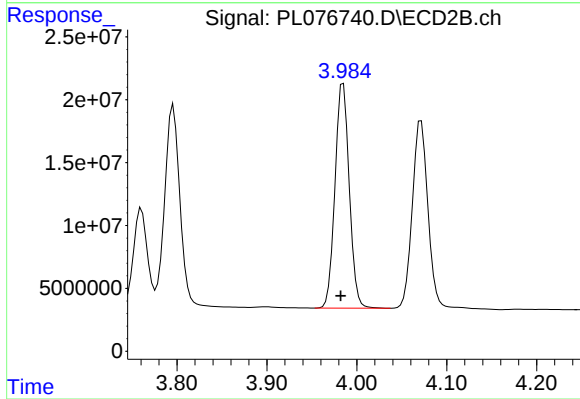
#7 delta-BHC

R.T.: 4.678 min
Delta R.T.: 0.004 min
Response: 60905355
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

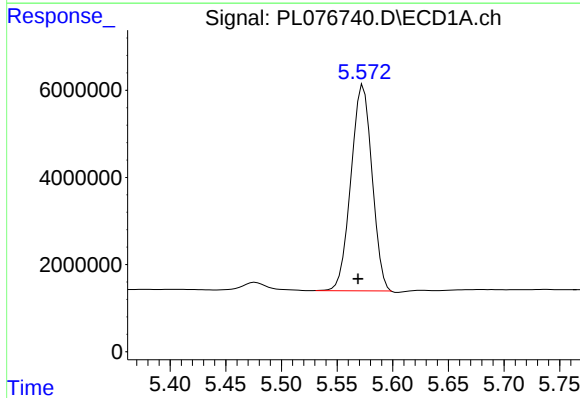
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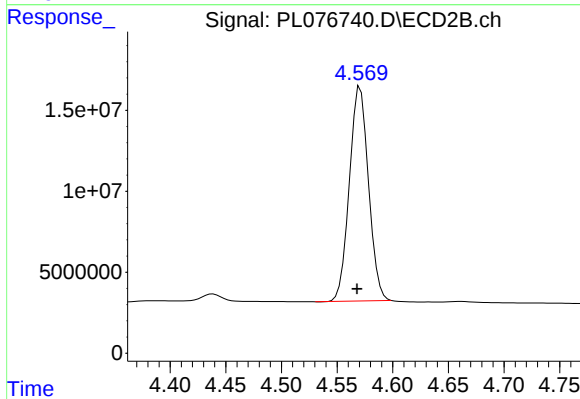
#7 delta-BHC

R.T.: 3.985 min
Delta R.T.: 0.003 min
Response: 197172645
Conc: 51.71 ng/ml



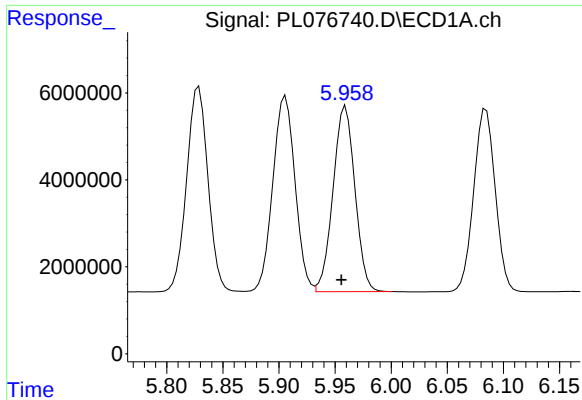
#8 Heptachlor epoxide

R.T.: 5.573 min
Delta R.T.: 0.004 min
Response: 62378269
Conc: 55.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.571 min
Delta R.T.: 0.003 min
Response: 158453754
Conc: 49.96 ng/ml



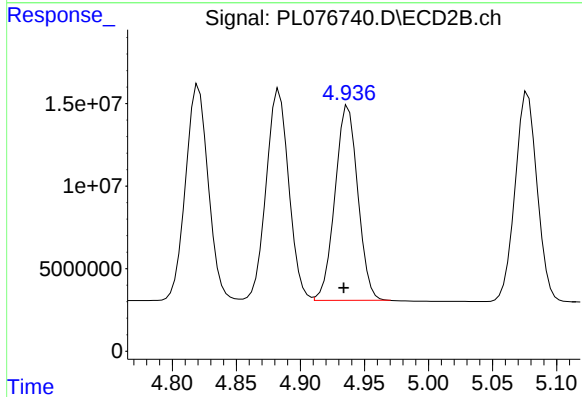
#9 Endosulfan I

R.T.: 5.959 min
Delta R.T.: 0.004 min
Response: 57895209
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

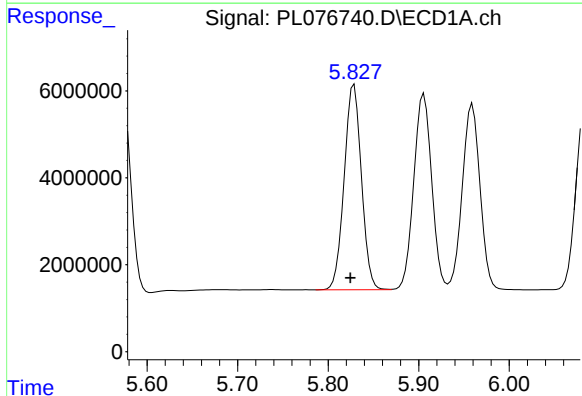
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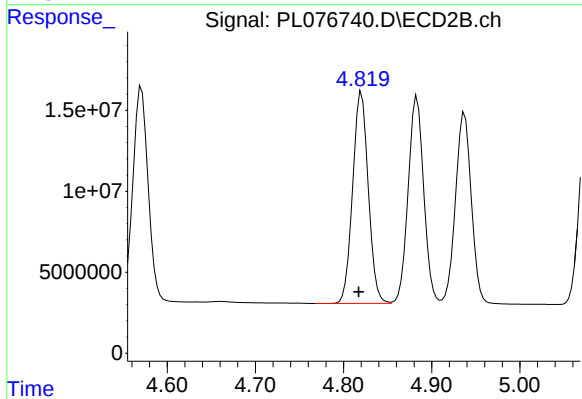
#9 Endosulfan I

R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 145999122
Conc: 50.45 ng/ml



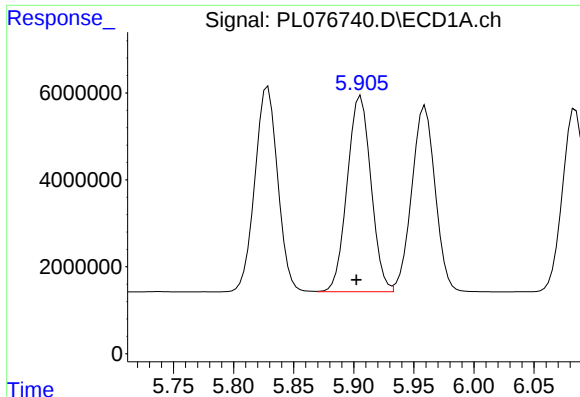
#10 gamma-Chlordane

R.T.: 5.829 min
Delta R.T.: 0.004 min
Response: 62546703
Conc: 56.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.820 min
Delta R.T.: 0.003 min
Response: 161207568
Conc: 50.37 ng/ml



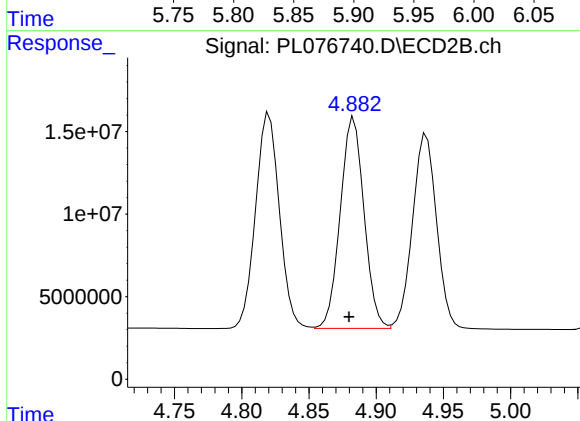
#11 alpha-Chlordane

R.T.: 5.906 min
Delta R.T.: 0.004 min
Response: 62129104
Conc: 56.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

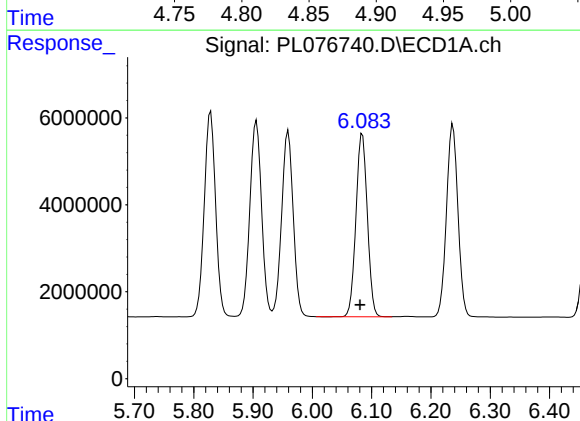
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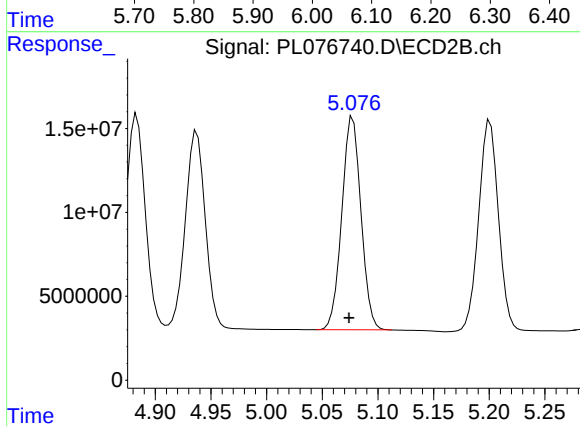
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.003 min
Response: 157005111
Conc: 50.31 ng/ml



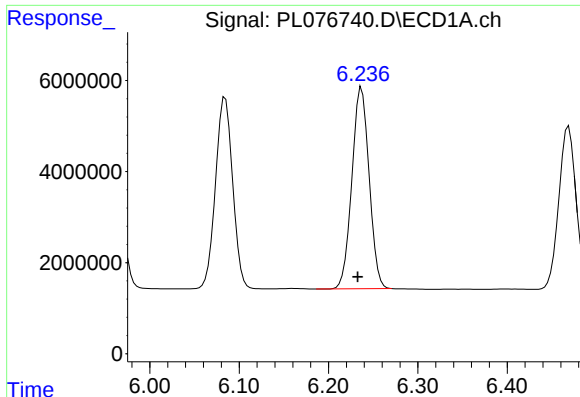
#12 4,4'-DDE

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 56155373
Conc: 57.21 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: 0.003 min
Response: 152103006
Conc: 51.18 ng/ml



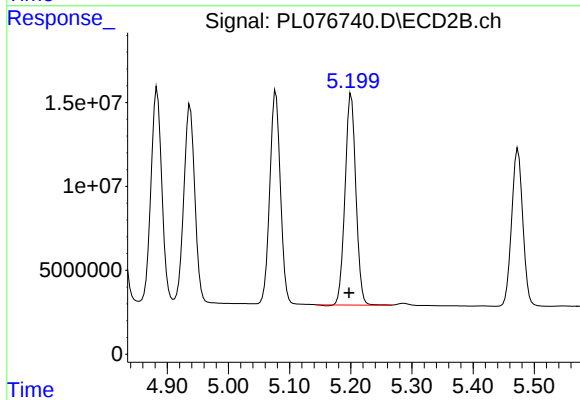
#13 Dieldrin

R.T.: 6.237 min
Delta R.T.: 0.004 min
Response: 59227125
Conc: 56.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

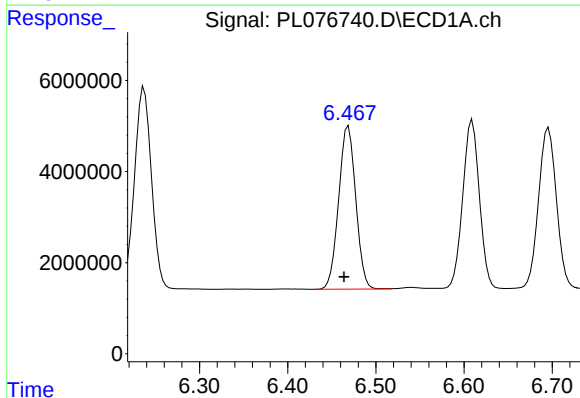
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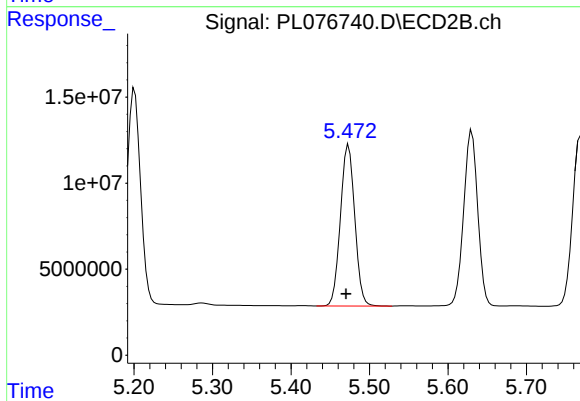
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.004 min
Response: 154860008
Conc: 49.91 ng/ml



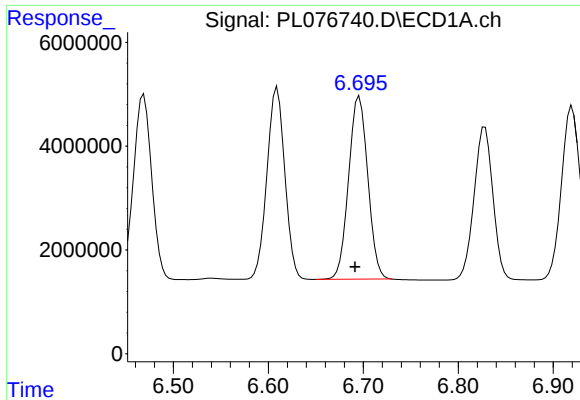
#14 Endrin

R.T.: 6.469 min
Delta R.T.: 0.005 min
Response: 48370652
Conc: 50.36 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.003 min
Response: 119208515
Conc: 47.48 ng/ml



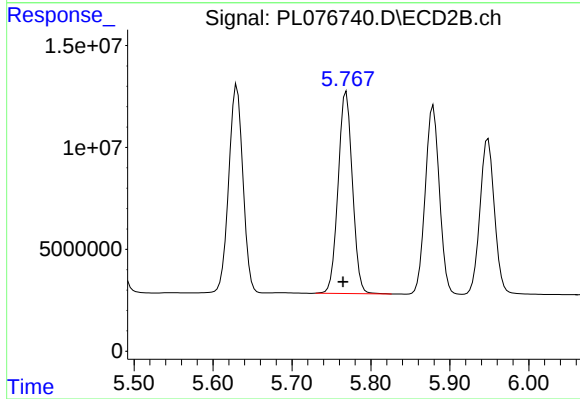
#15 Endosulfan II

R.T.: 6.696 min
Delta R.T.: 0.004 min
Response: 49501298
Conc: 55.15 ng/ml

Instrument :
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ClientSampleId :
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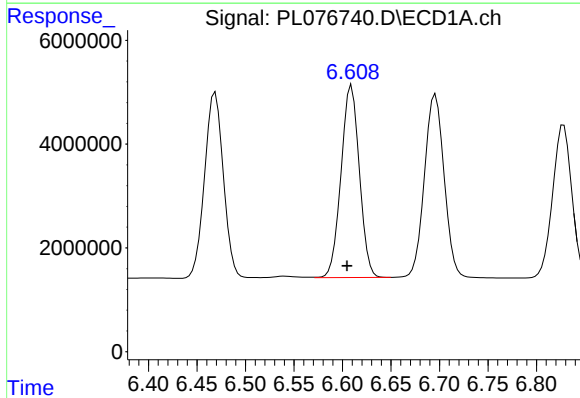
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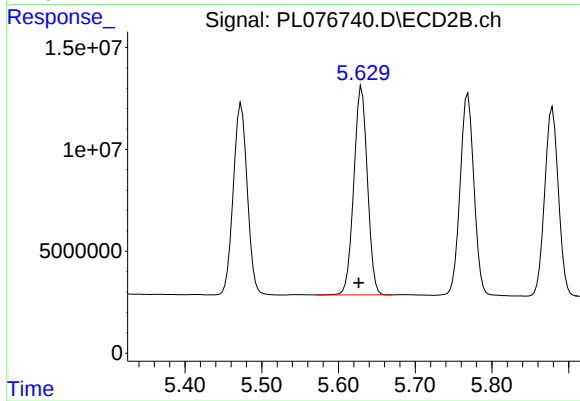
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: 0.004 min
Response: 124219466
Conc: 51.80 ng/ml



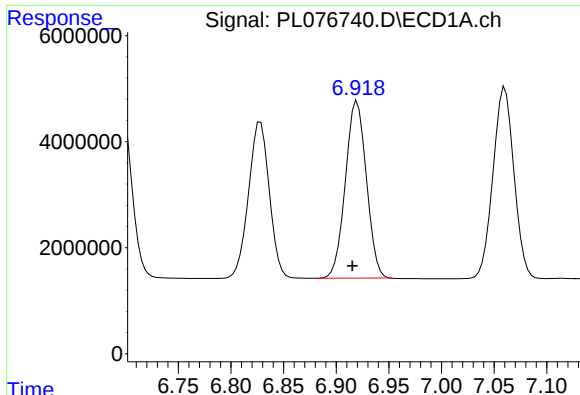
#16 4,4'-DDD

R.T.: 6.609 min
Delta R.T.: 0.005 min
Response: 48657934
Conc: 58.37 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 127264188
Conc: 53.72 ng/ml



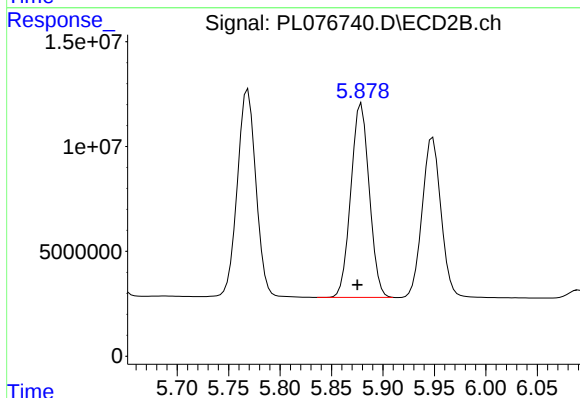
#17 4,4'-DDT

R.T.: 6.920 min
Delta R.T.: 0.005 min
Response: 46579975
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

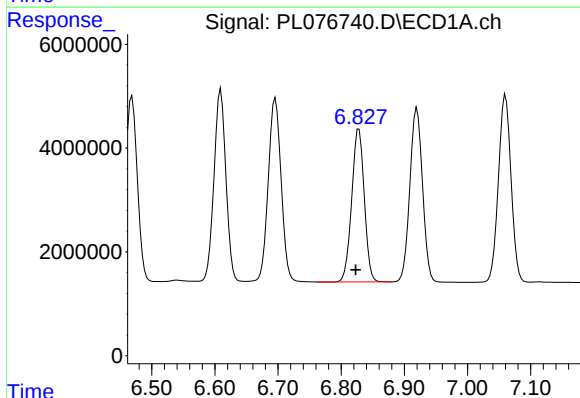
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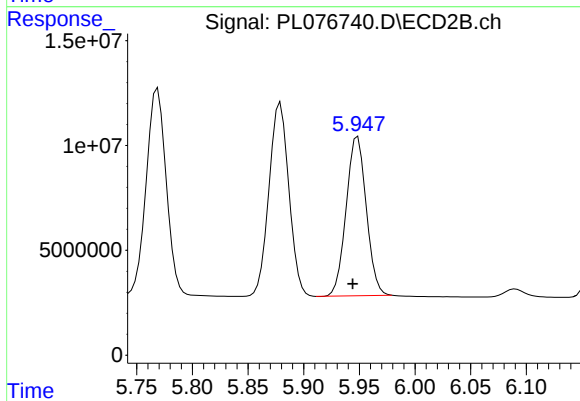
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: 0.004 min
Response: 114965416
Conc: 47.85 ng/ml



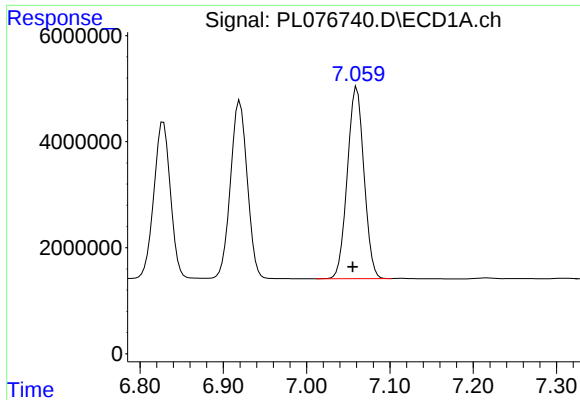
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: 0.005 min
Response: 40729270
Conc: 55.87 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: 0.004 min
Response: 95405636
Conc: 50.64 ng/ml



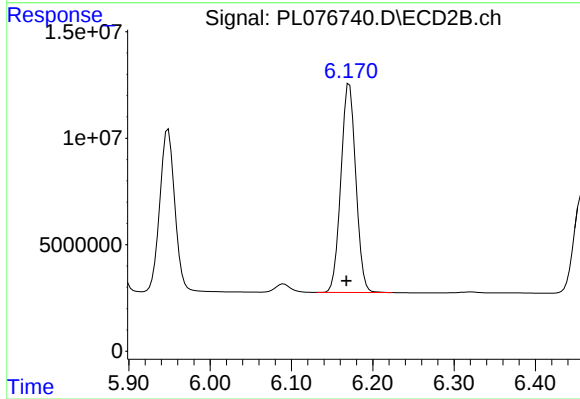
#19 Endosulfan Sulfate

R.T.: 7.060 min
Delta R.T.: 0.005 min
Response: 50196832
Conc: 55.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

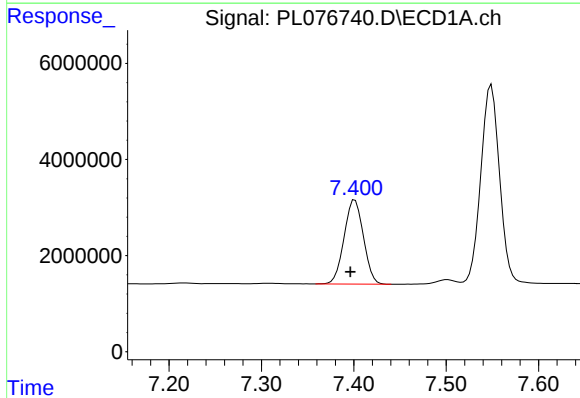
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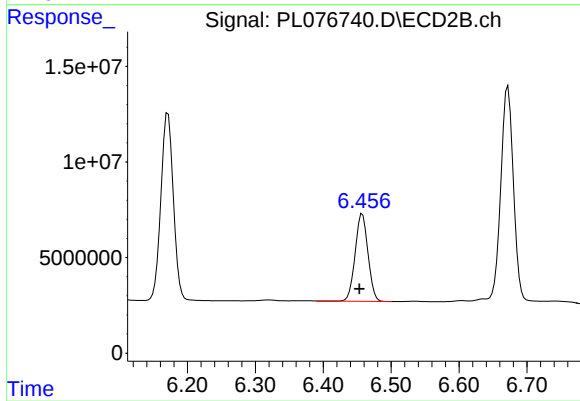
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: 0.004 min
Response: 124798492
Conc: 50.74 ng/ml



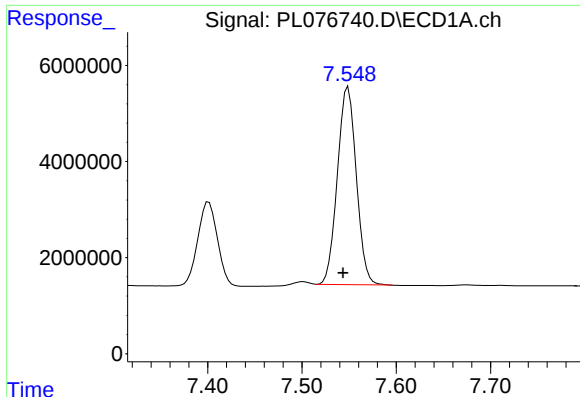
#20 Methoxychlor

R.T.: 7.401 min
Delta R.T.: 0.005 min
Response: 25486499
Conc: 50.37 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: 0.004 min
Response: 60323419
Conc: 46.12 ng/ml



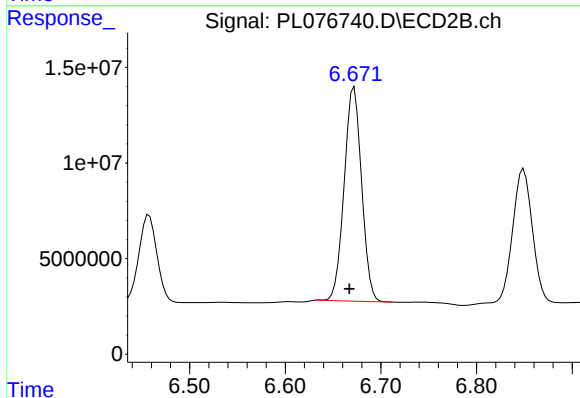
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: 0.004 min
Response: 57436212
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

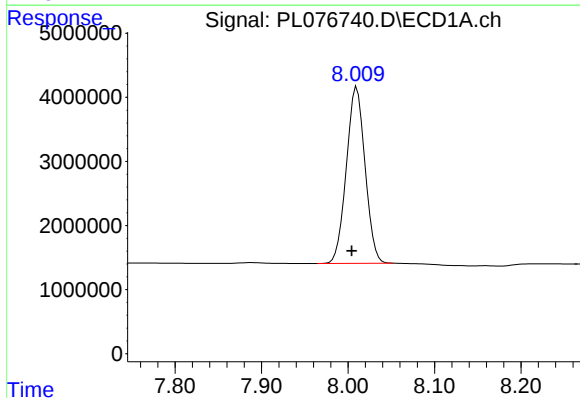
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Reviewed By :Abdul Mirza 07/29/2022
Supervised By :Ankita Jodhani 07/29/2022



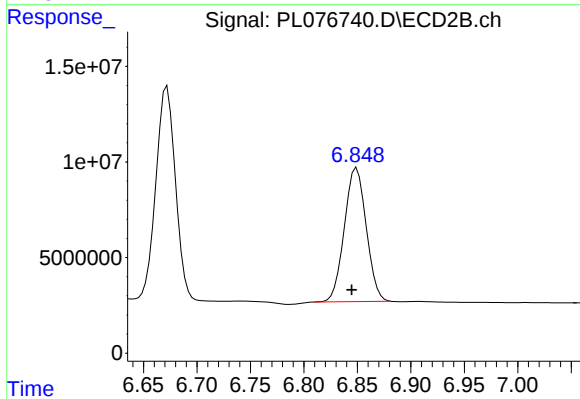
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: 0.005 min
Response: 142243886
Conc: 52.41 ng/ml



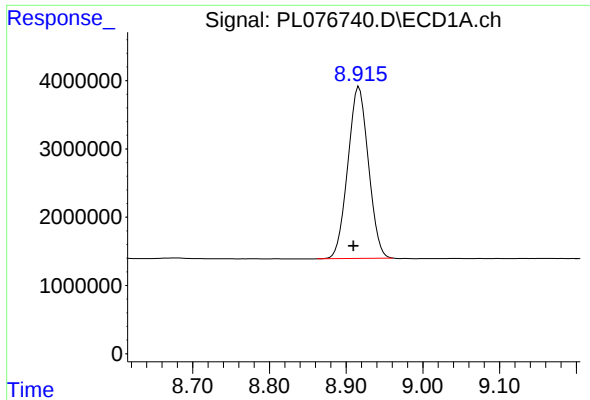
#22 Mirex

R.T.: 8.010 min
Delta R.T.: 0.006 min
Response: 41203307
Conc: 53.27 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.005 min
Response: 99718528
Conc: 49.72 ng/ml



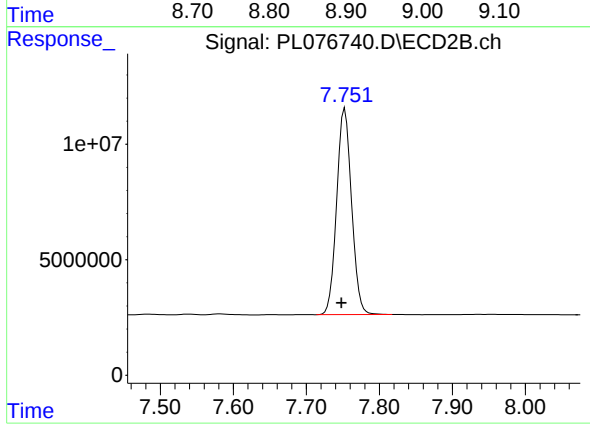
#28 Decachlorobiphenyl

R.T.: 8.917 min
Delta R.T.: 0.008 min
Response: 47131707
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2022
Supervised By :Ankita Jodhani 07/29/2022



#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: 0.005 min
Response: 126528904
Conc: 49.29 ng/ml