

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040723\
 Data File : PL081885.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 08:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:00:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.329	2.656	114.2E6	96290293	49.091	48.238
28)	SA Decachlor...	8.750	7.771	81980037	94112852	45.808	47.454
Target Compounds							
2)	A alpha-BHC	3.778	3.155	173.1E6	139.8E6	50.503	47.971
3)	MA gamma-BHC...	4.107	3.482	157.6E6	132.3E6	49.623	47.523
4)	MA Heptachlor	4.684	3.815	150.4E6	135.5E6	47.727m	47.270
5)	MB Aldrin	5.023	4.093	140.7E6	127.4E6	49.188	47.802
6)	B beta-BHC	4.309	3.781	70502913	57810696	46.843	48.540
7)	B delta-BHC	4.551	4.009	155.7E6	127.5E6	51.224	49.297
8)	B Heptachlo...	5.448	4.594	129.9E6	118.5E6	47.754	48.782
9)	A Endosulfan I	5.829	4.961	117.1E6	110.5E6	47.404	50.058
10)	B gamma-Chl...	5.703	4.843	128.0E6	120.3E6	48.758	49.502
11)	B alpha-Chl...	5.781	4.906	125.7E6	119.4E6	48.554	49.156
12)	B 4,4'-DDE	5.959	5.096	110.2E6	101.2E6	48.880	51.363
13)	MA Dieldrin	6.104	5.226	117.1E6	111.5E6	48.355	49.559
14)	MA Endrin	6.330	5.500	96645093	95653780	45.690	47.266
15)	B Endosulfa...	6.552	5.796	96053913	91017237	45.264	50.174
16)	A 4,4'-DDD	6.474	5.651	91610660	85512762	50.796	56.350
17)	MA 4,4'-DDT	6.785	5.900	86048313	79684284	42.396	46.240
18)	B Endrin al...	6.682	5.977	78597166	75446904	48.039	48.582
19)	B Endosulfa...	6.916	6.199	99960153	95168967	47.965	48.913
20)	A Methoxychlor	7.266	6.479	45803474	45580940	42.533	45.762
21)	B Endrin ke...	7.395	6.704	102.6E6	108.7E6	48.982	50.861
22)	Mirex	7.861	6.876	77979820	91257707	45.515	47.536

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040723\
Data File : PL081885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2023 08:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

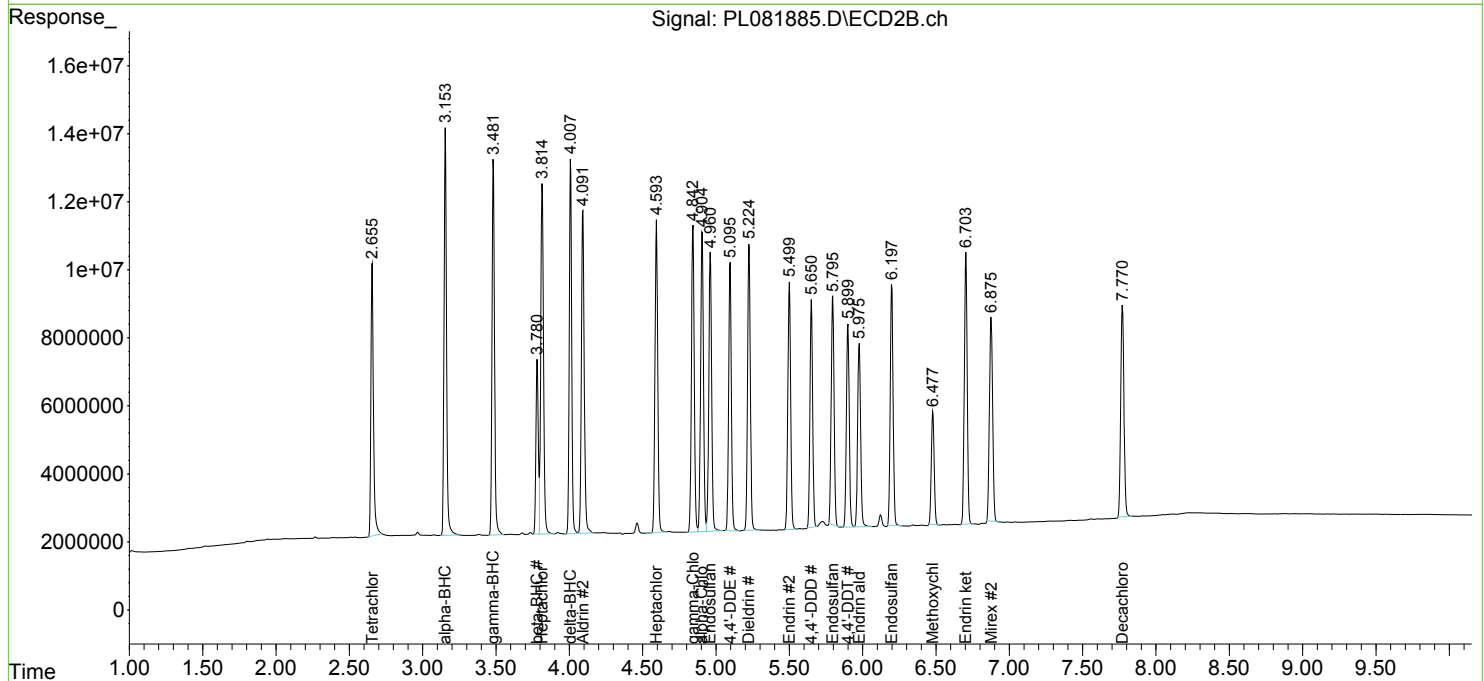
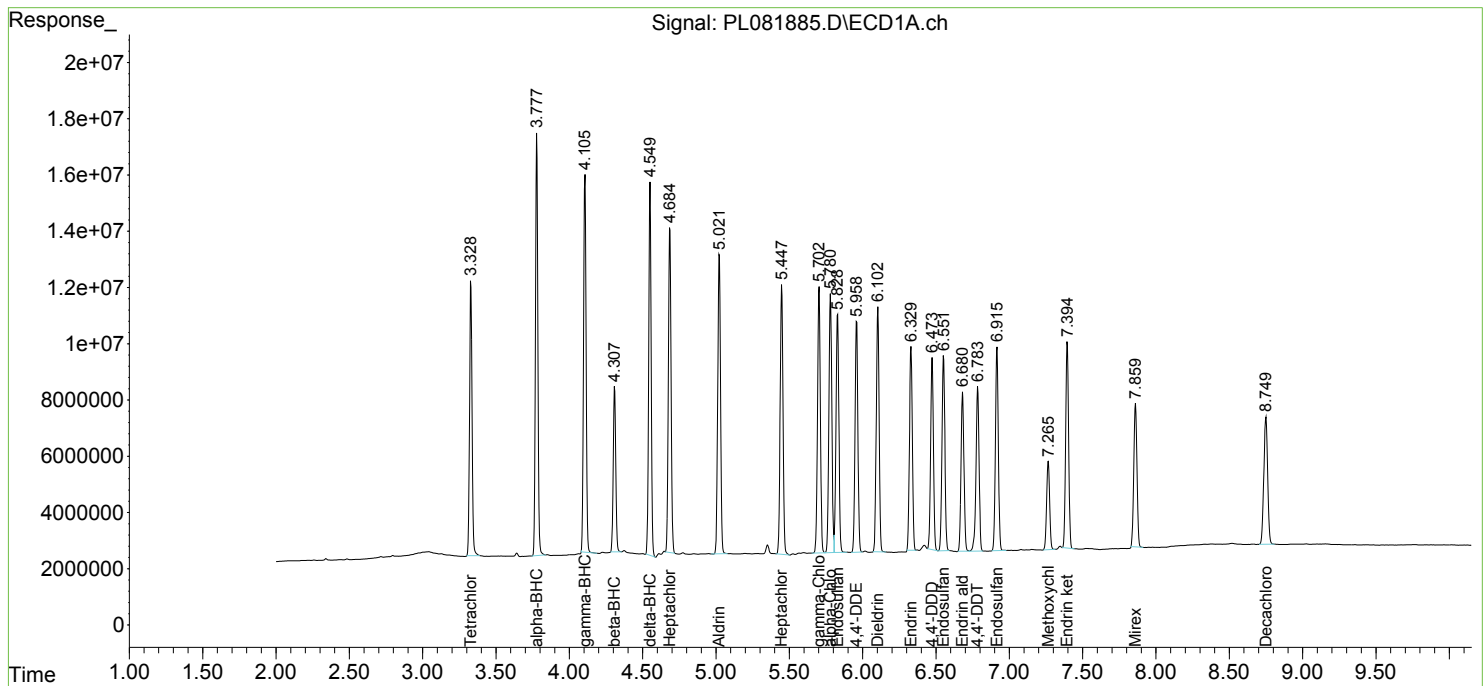
APPROVED

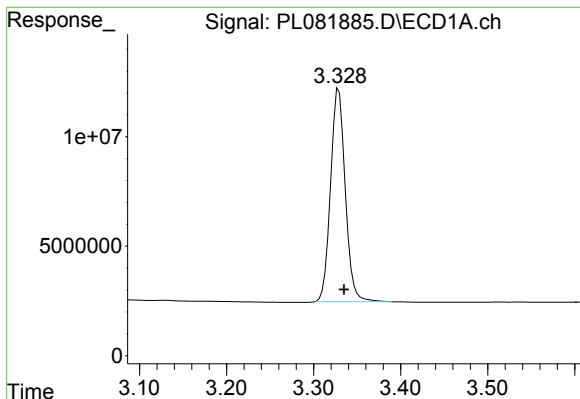
Reviewed By :Abdul Mirza 04/10/2023

Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 07 22:00:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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.: 3.329 min
Delta R.T.: -0.006 min
Response: 114180469
Conc: 49.09 ng/ml

Instrument :

ECD_L

ClientSampleId :

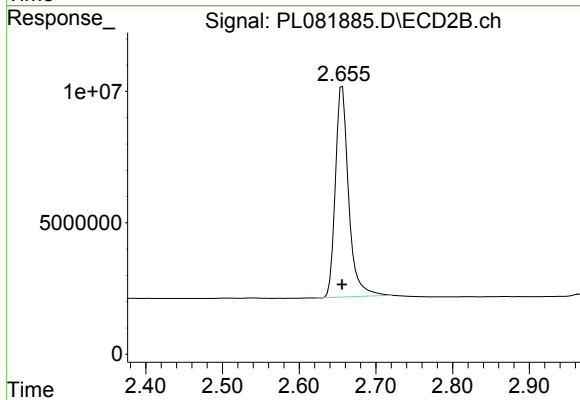
PSTDCCC050

Manual Integrations

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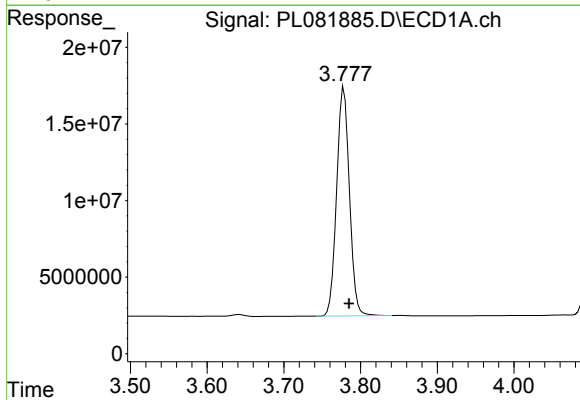
Reviewed By :Abdul Mirza 04/10/2023

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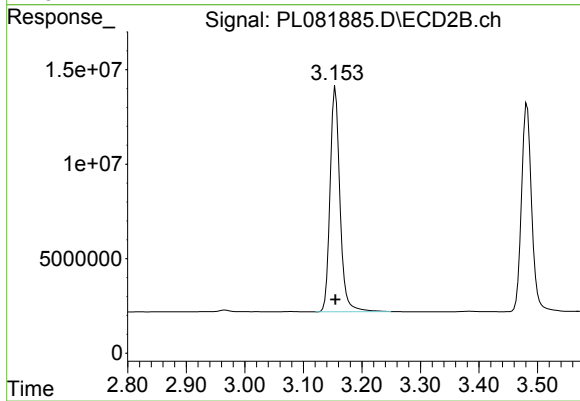
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.000 min
Response: 96290293
Conc: 48.24 ng/ml



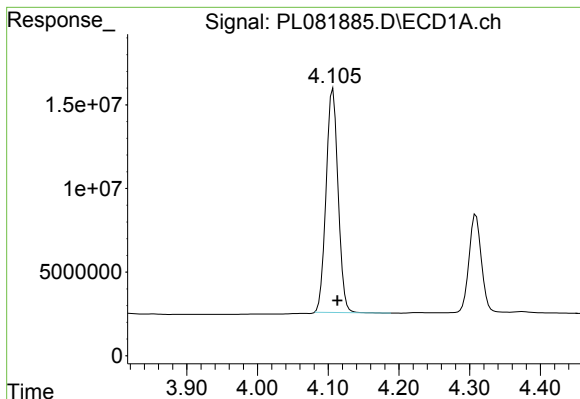
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 173142965
Conc: 50.50 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 139836507
Conc: 47.97 ng/ml



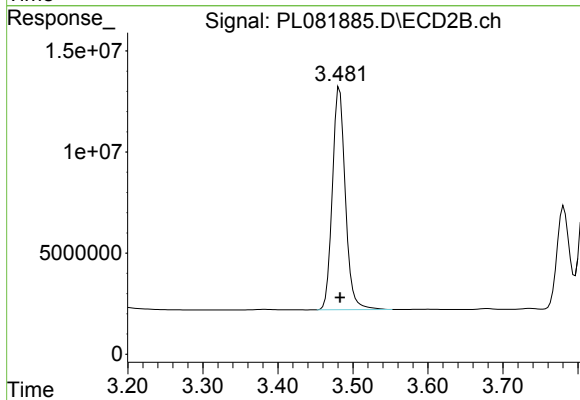
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.007 min
Response: 157643679
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

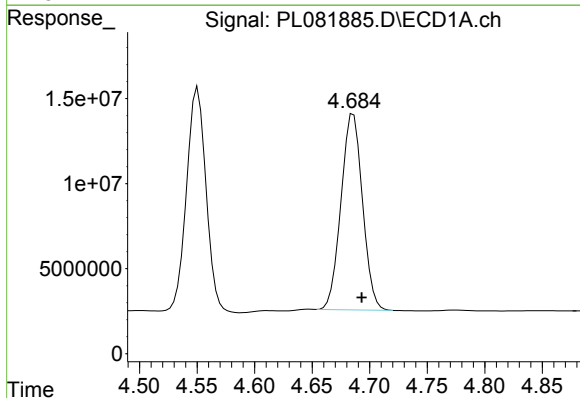
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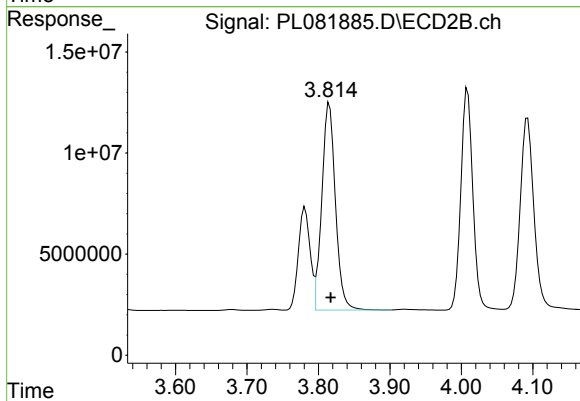
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 132314050
Conc: 47.52 ng/ml



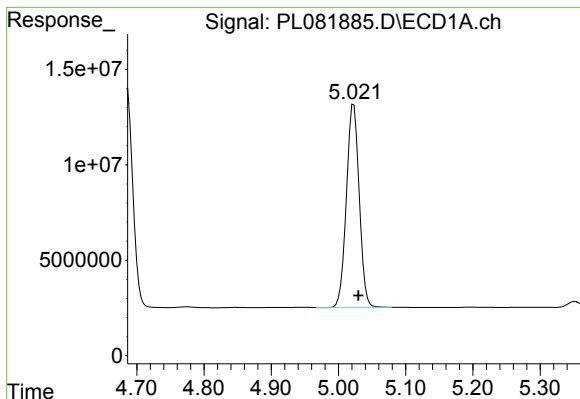
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.009 min
Response: 150443165
Conc: 47.73 ng/ml m



#4 Heptachlor

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 135522195
Conc: 47.27 ng/ml



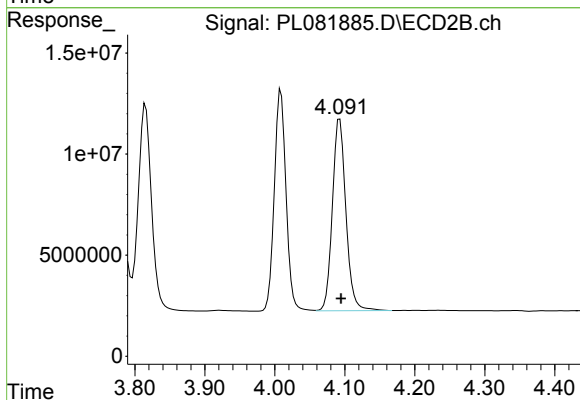
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 140692556
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

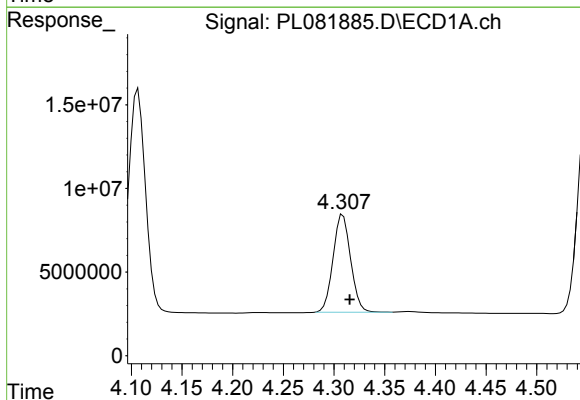
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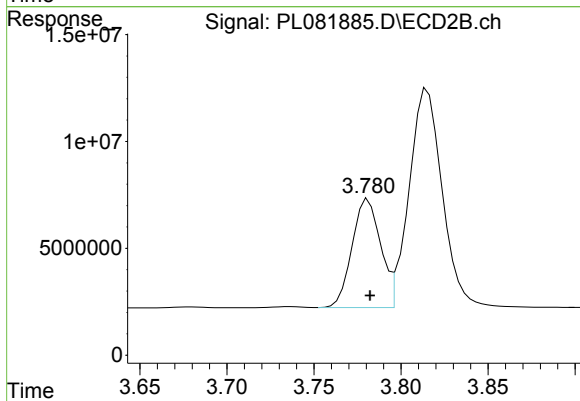
#5 Aldrin

R.T.: 4.093 min
Delta R.T.: -0.002 min
Response: 127365649
Conc: 47.80 ng/ml



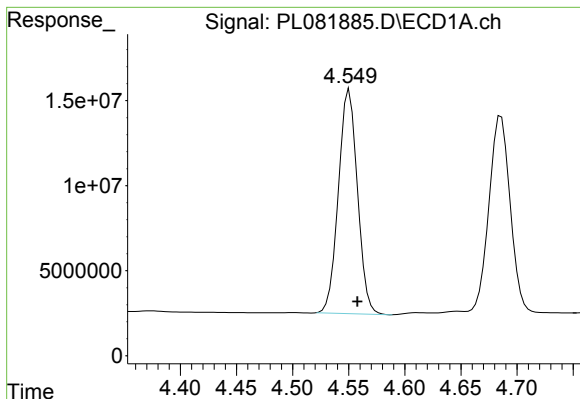
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 70502913
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 57810696
Conc: 48.54 ng/ml



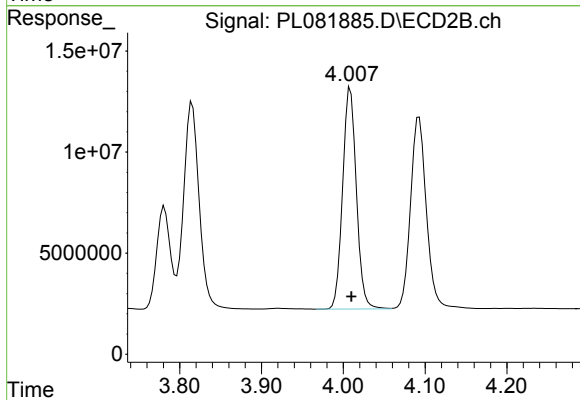
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 155681703
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

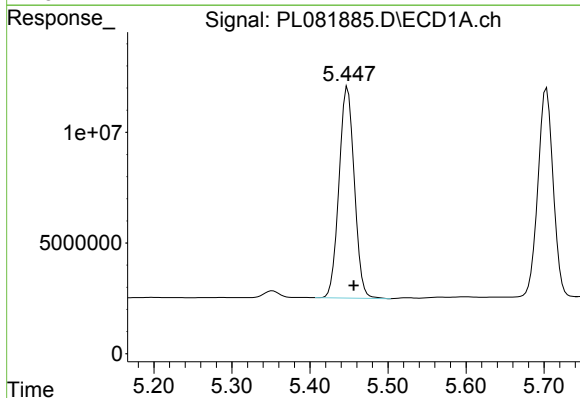
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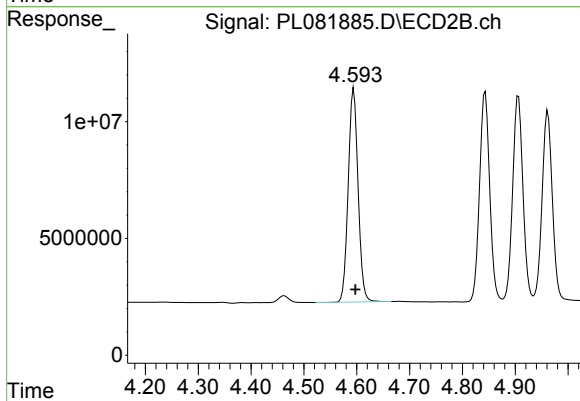
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 127487236
Conc: 49.30 ng/ml



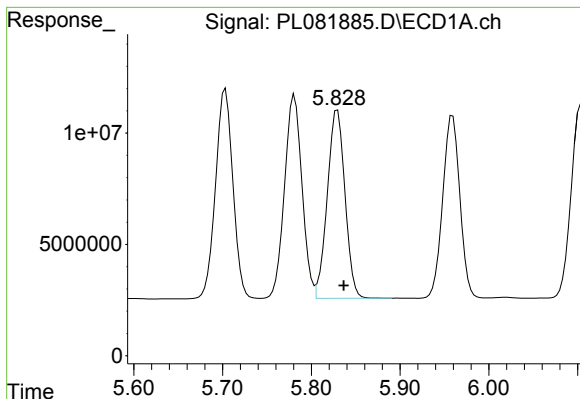
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.008 min
Response: 129891135
Conc: 47.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 118479070
Conc: 48.78 ng/ml



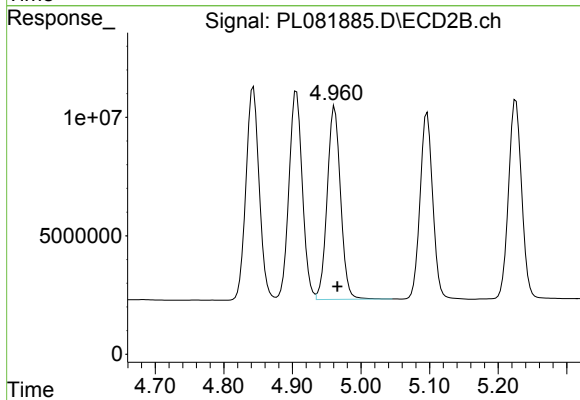
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 117127306
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

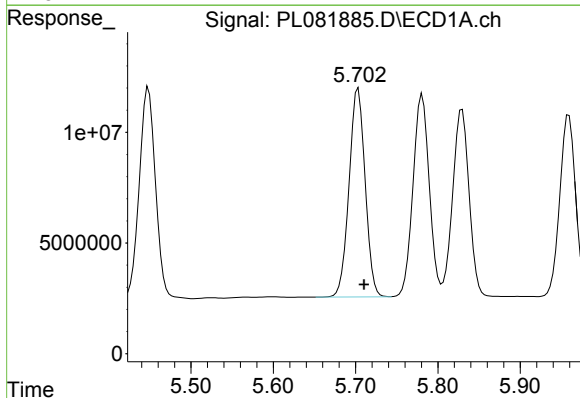
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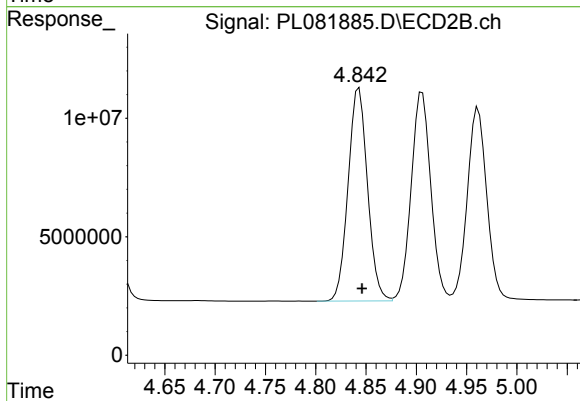
#9 Endosulfan I

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 110514193
Conc: 50.06 ng/ml



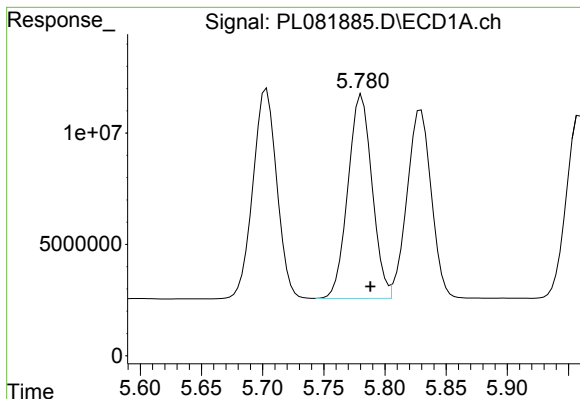
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 128000980
Conc: 48.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 120309674
Conc: 49.50 ng/ml



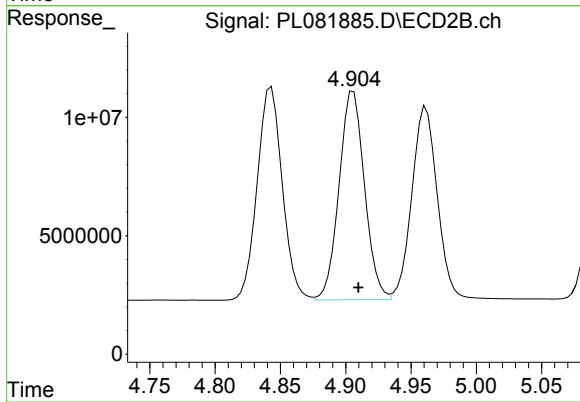
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 125678300
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

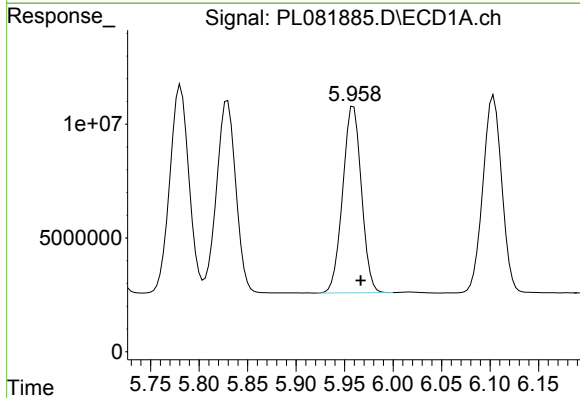
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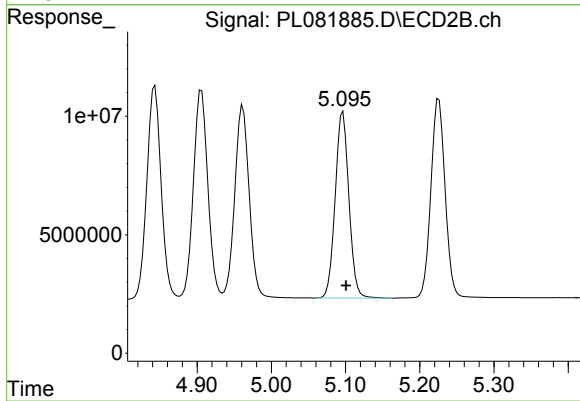
#11 alpha-Chlordane

R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 119397095
Conc: 49.16 ng/ml



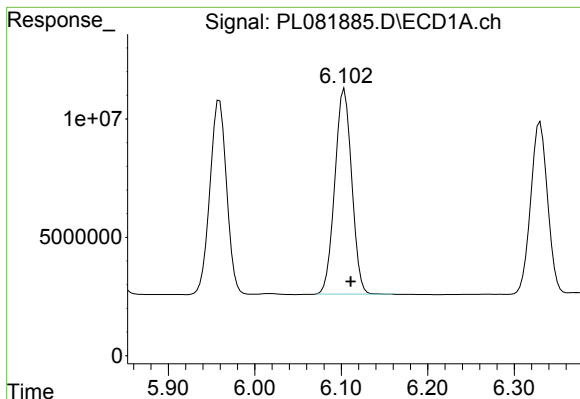
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 110157705
Conc: 48.88 ng/ml



#12 4,4'-DDE

R.T.: 5.096 min
Delta R.T.: -0.004 min
Response: 101175572
Conc: 51.36 ng/ml



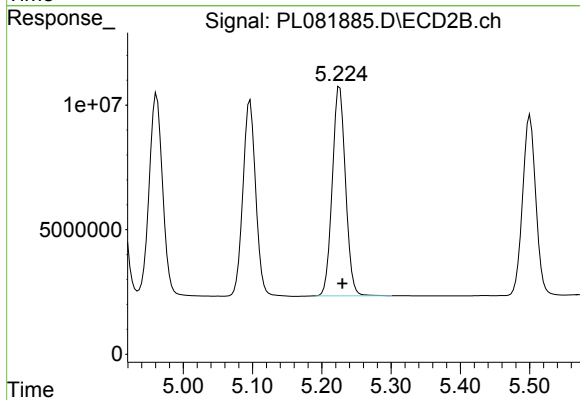
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 117065020
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

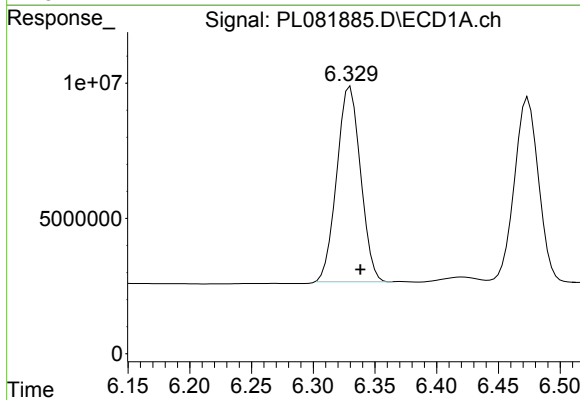
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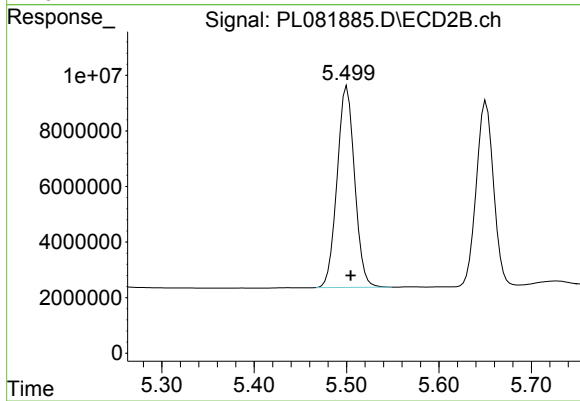
#13 Dieldrin

R.T.: 5.226 min
Delta R.T.: -0.004 min
Response: 111478206
Conc: 49.56 ng/ml



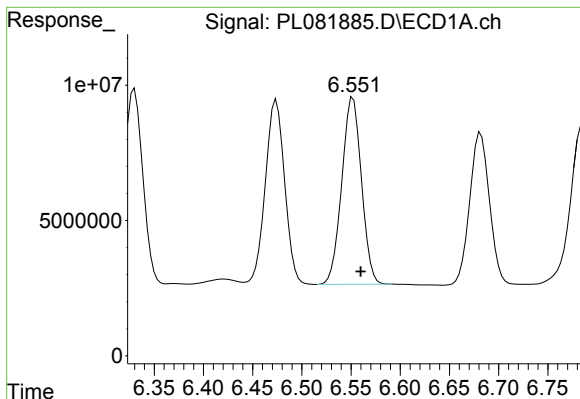
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 96645093
Conc: 45.69 ng/ml



#14 Endrin

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 95653780
Conc: 47.27 ng/ml



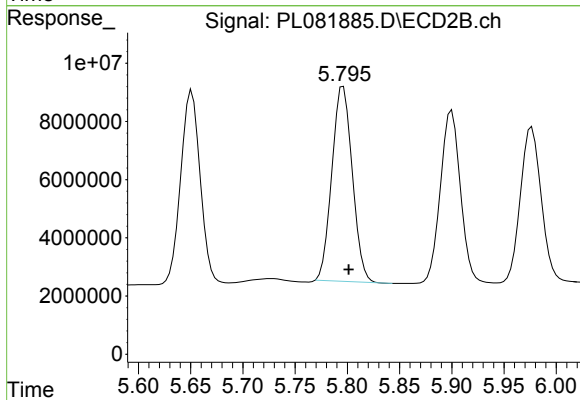
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: -0.008 min
Response: 96053913
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

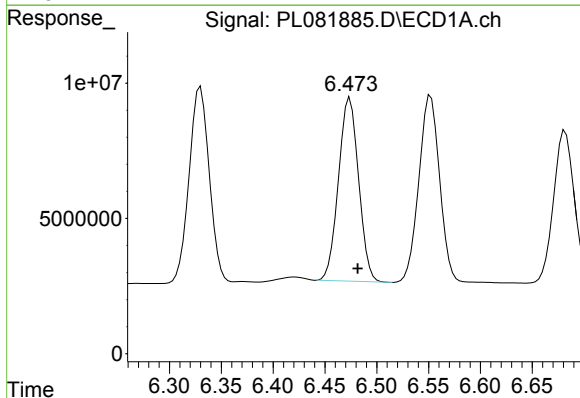
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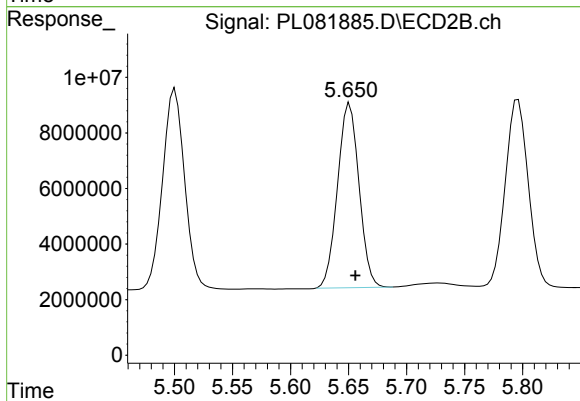
#15 Endosulfan II

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 91017237
Conc: 50.17 ng/ml



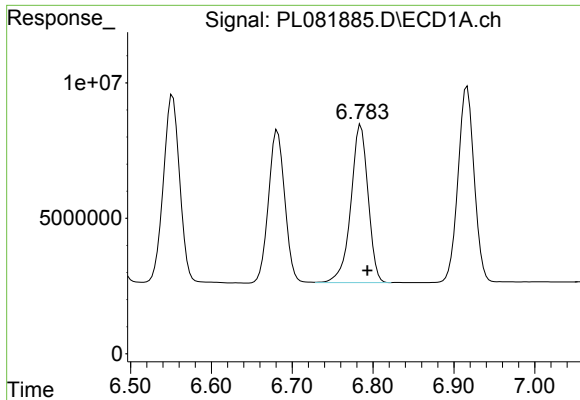
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 91610660
Conc: 50.80 ng/ml



#16 4,4'-DDD

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 85512762
Conc: 56.35 ng/ml



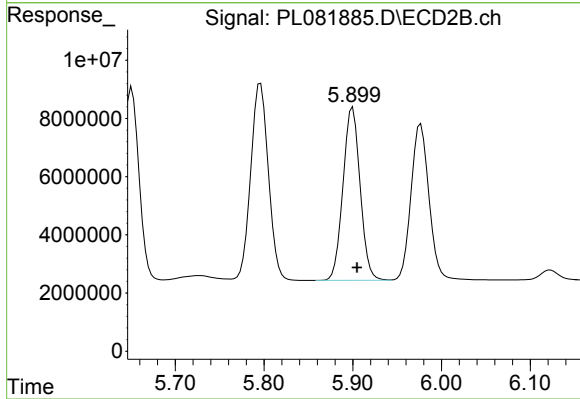
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 86048313
Conc: 42.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

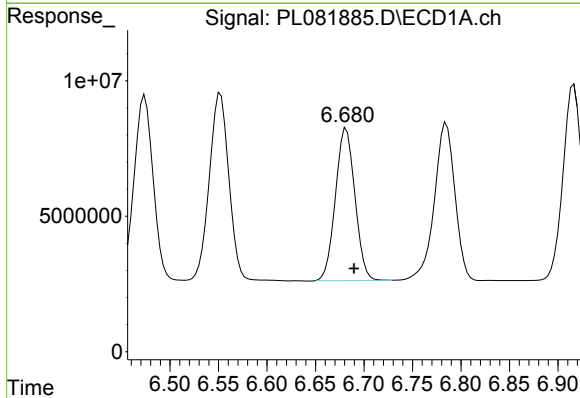
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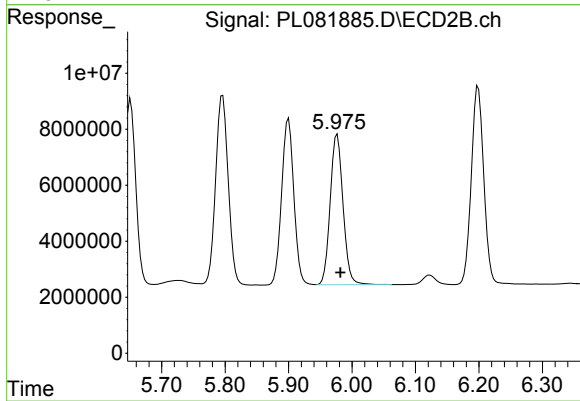
#17 4,4'-DDT

R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 79684284
Conc: 46.24 ng/ml



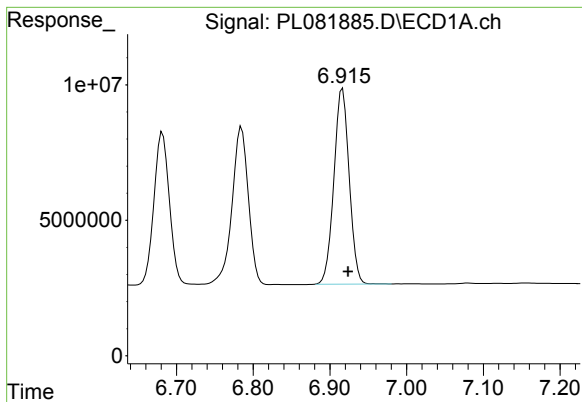
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 78597166
Conc: 48.04 ng/ml



#18 Endrin aldehyde

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 75446904
Conc: 48.58 ng/ml



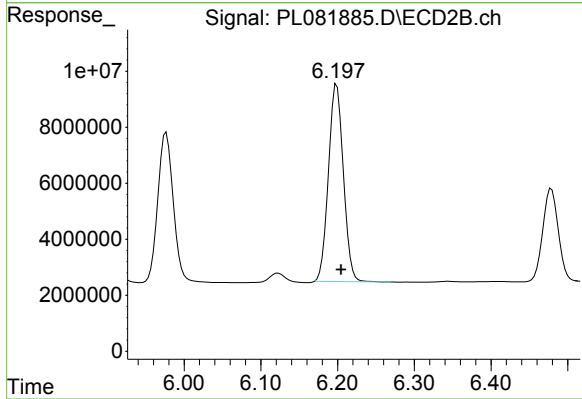
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.007 min
Response: 99960153
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

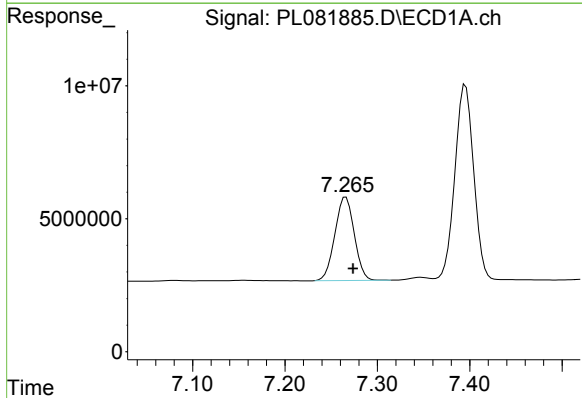
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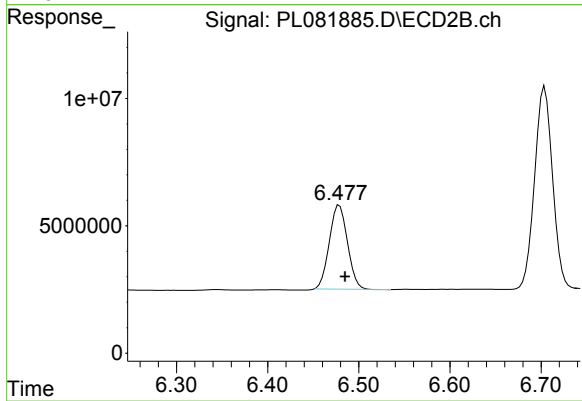
#19 Endosulfan Sulfate

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 95168967
Conc: 48.91 ng/ml



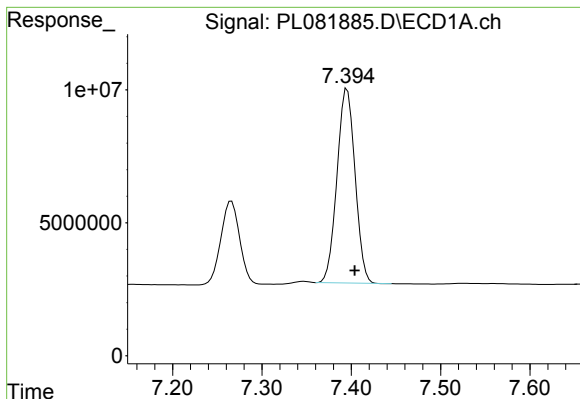
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 45803474
Conc: 42.53 ng/ml



#20 Methoxychlor

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 45580940
Conc: 45.76 ng/ml



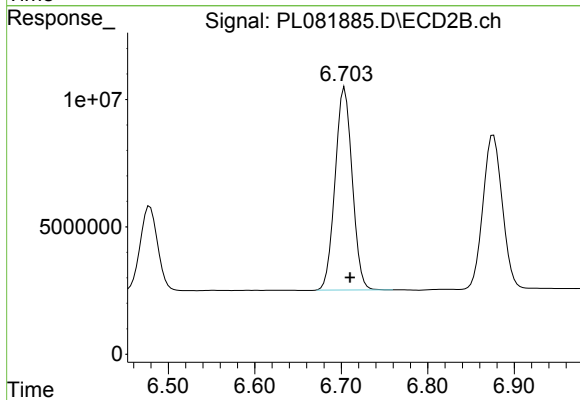
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 102600618
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

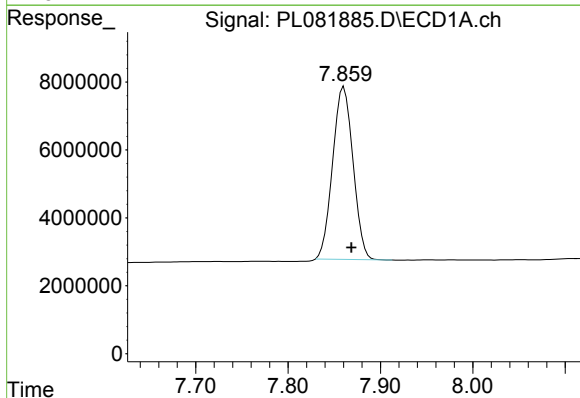
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



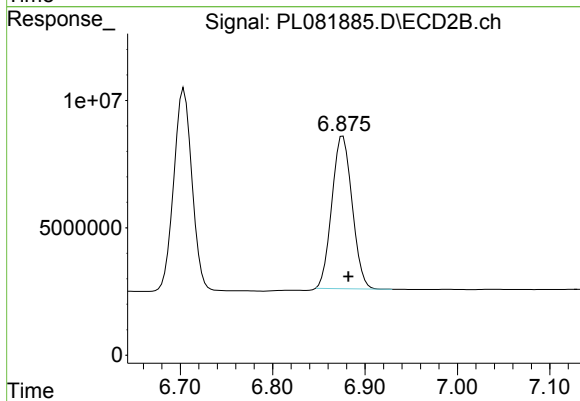
#21 Endrin ketone

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 108688841
Conc: 50.86 ng/ml



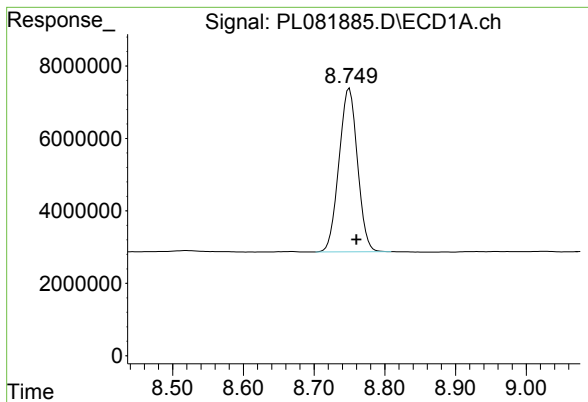
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 77979820
Conc: 45.52 ng/ml



#22 Mirex

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 91257707
Conc: 47.54 ng/ml



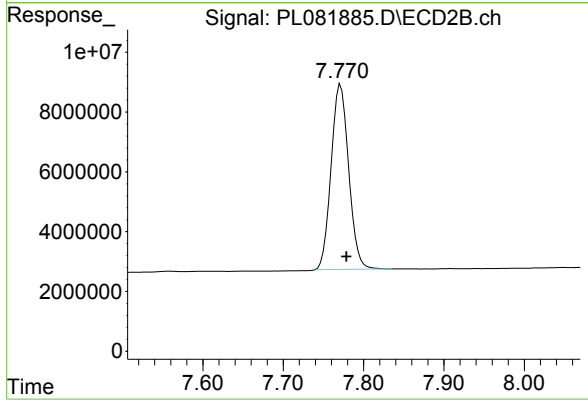
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.010 min
Response: 81980037
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.007 min
Response: 94112852
Conc: 47.45 ng/ml