

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 13:47
 Operator : AR\AJ
 Sample : 02583-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CF-27MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2023
 Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 21:08:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.643	52311148	41663314	19.583	17.984
28)	SA Decachlor...	8.738	7.753	38326605	45008397	20.076	19.719
Target Compounds							
2)	A alpha-BHC	3.769	3.140	186.4E6	154.0E6	46.824	45.258
3)	MA gamma-BHC...	4.097	3.467	183.8E6	152.3E6	49.168	47.358
4)	MA Heptachlor	4.675	3.799	171.7E6	154.3E6	46.979	45.061
5)	MB Aldrin	5.012	4.076	162.4E6	155.5E6	49.237	49.366
6)	B beta-BHC	4.300	3.767	79183197	61410969	46.428	45.009
7)	B delta-BHC	4.542	3.993	132.4E6	119.3E6	36.806	38.884
8)	B Heptachlo...	5.438	4.577	149.1E6	138.4E6	48.872	48.043
9)	A Endosulfan I	5.819	4.944	135.4E6	127.4E6	48.849	47.730
10)	B gamma-Chl...	5.693	4.826	151.1E6	138.5E6	50.261	47.745
11)	B alpha-Chl...	5.770	4.888	148.3E6	139.5E6	49.682	48.050
12)	B 4,4'-DDE	5.949	5.079	128.6E6	117.4E6	50.598	51.057
13)	MA Dieldrin	6.093	5.208	141.5E6	134.7E6	51.301	49.867
14)	MA Endrin	6.320	5.482	126.6E6	121.0E6	52.229	49.469
15)	B Endosulfa...	6.542	5.779	120.0E6	119.7E6	49.284	53.083
16)	A 4,4'-DDD	6.465	5.634	88057392	95039347	43.438	50.812
17)	MA 4,4'-DDT	6.776	5.882	116.4E6	110.0E6	50.871	52.046
18)	B Endrin al...	6.673	5.959	85049829	82475585	45.139	44.072
19)	B Endosulfa...	6.907	6.182	115.2E6	113.6E6	48.589	48.245
20)	A Methoxychlor	7.257	6.461	64361152	62438477	52.741	51.524
21)	B Endrin ke...	7.386	6.685	124.4E6	132.4E6	51.959	52.156m
22)	Mirex	7.850	6.856	95284453	112.2E6	48.706	48.679m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 13:47
Operator : AR\AJ
Sample : 02583-07MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

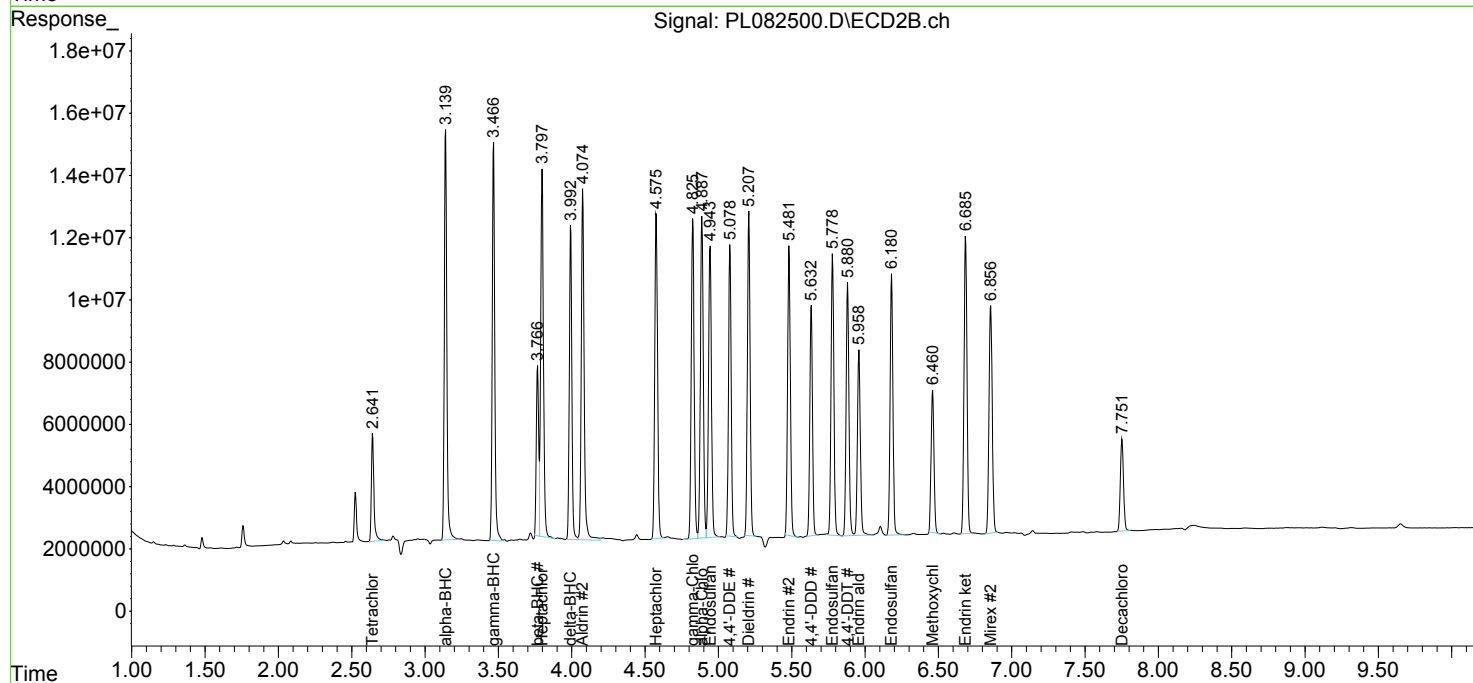
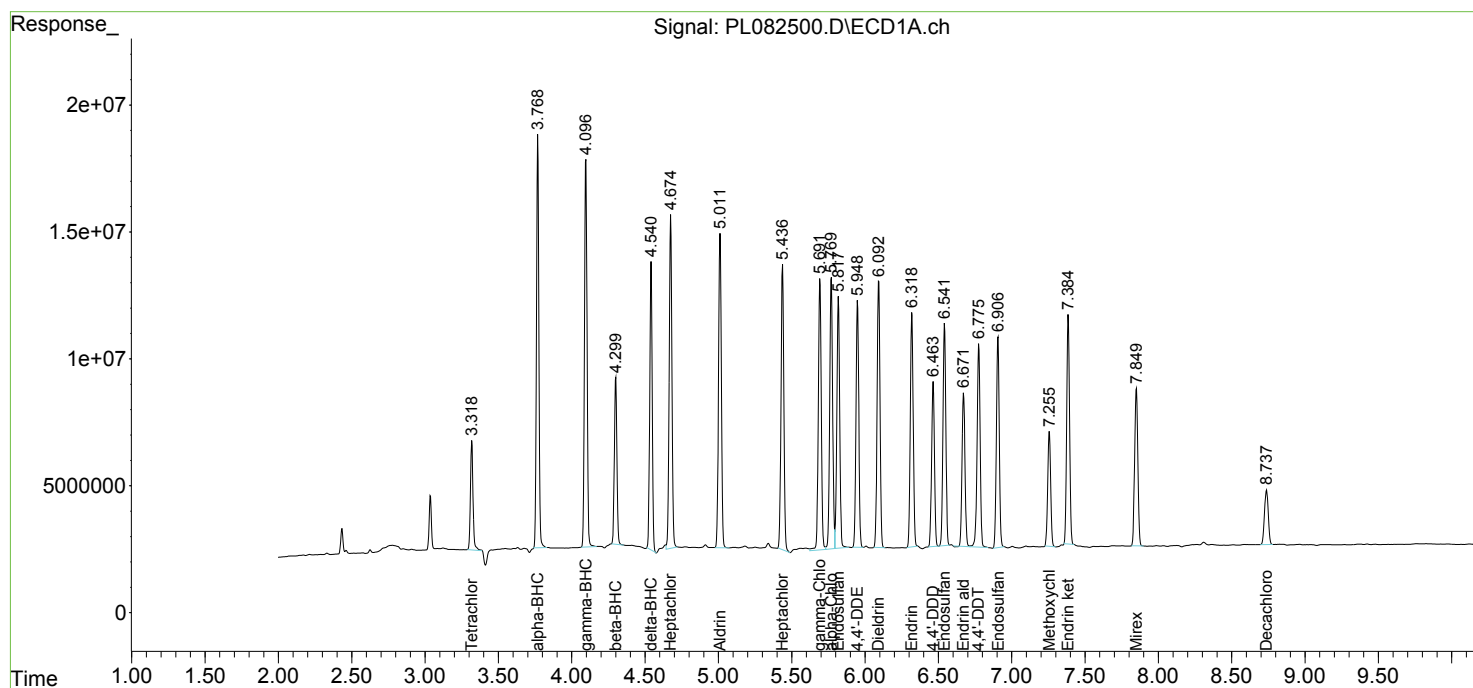
Instrument :
ECD_L
ClientSampleId :
CF-27MSD

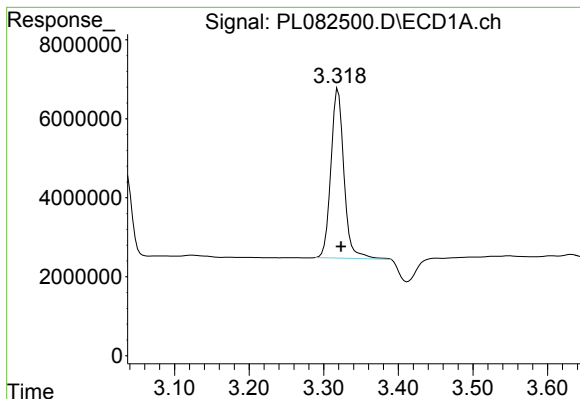
Manual Integrations
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Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 04 21:08:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





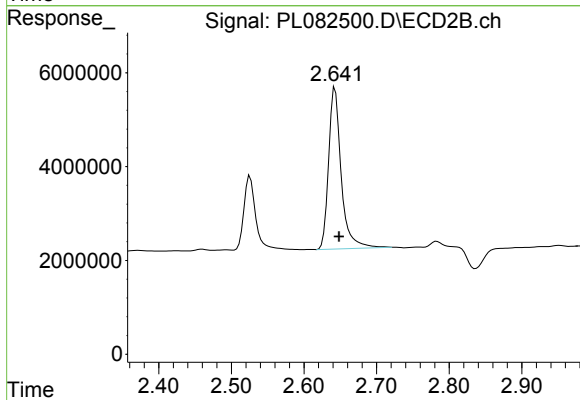
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 52311148
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

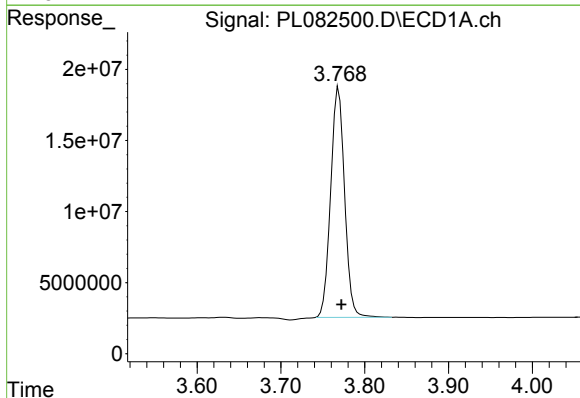
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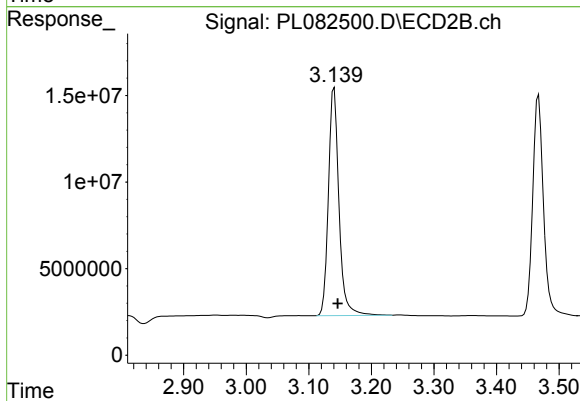
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 41663314
Conc: 17.98 ng/ml



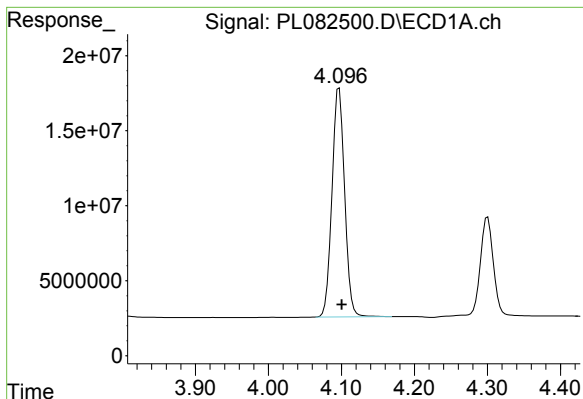
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 186371804
Conc: 46.82 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.006 min
Response: 154035280
Conc: 45.26 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 183837472
Conc: 49.17 ng/ml

Instrument :

ECD_L

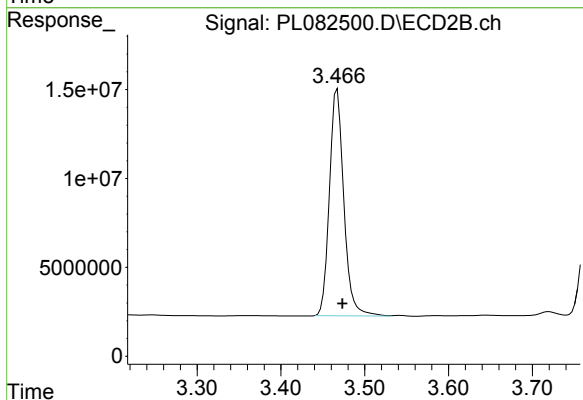
ClientSampleId :

CF-27MSD

Manual Integrations

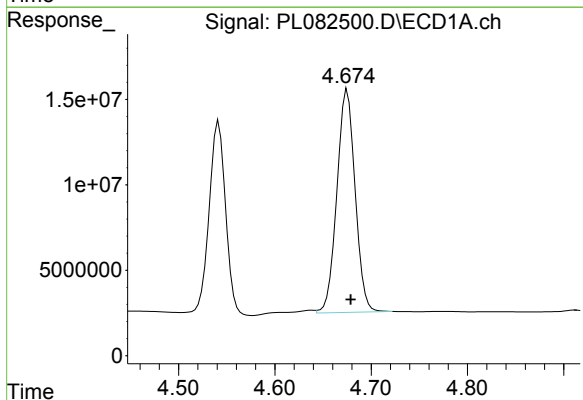
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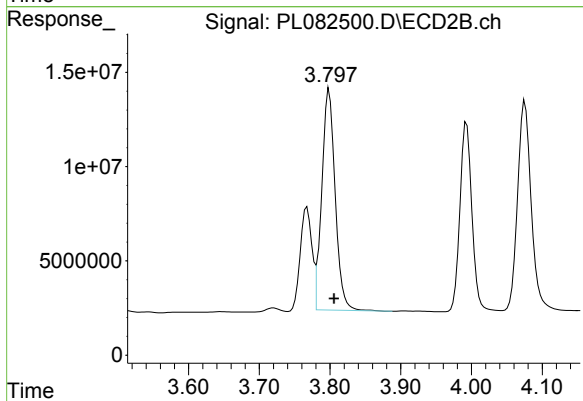
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 152269375
Conc: 47.36 ng/ml



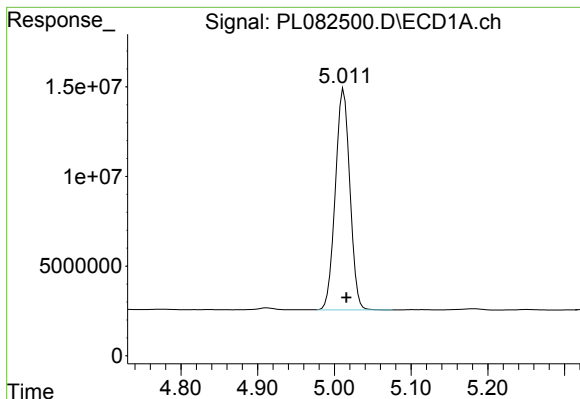
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 171656928
Conc: 46.98 ng/ml



#4 Heptachlor

R.T.: 3.799 min
Delta R.T.: -0.007 min
Response: 154253567
Conc: 45.06 ng/ml



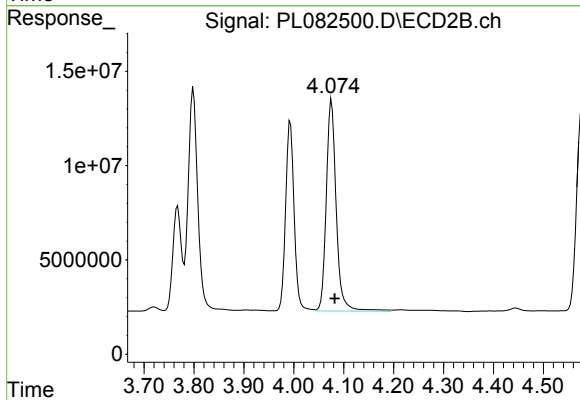
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 162362858
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

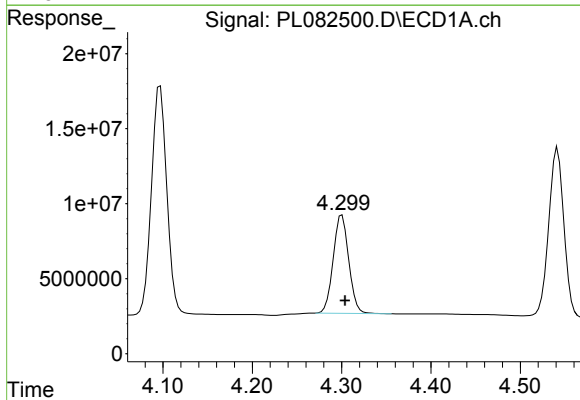
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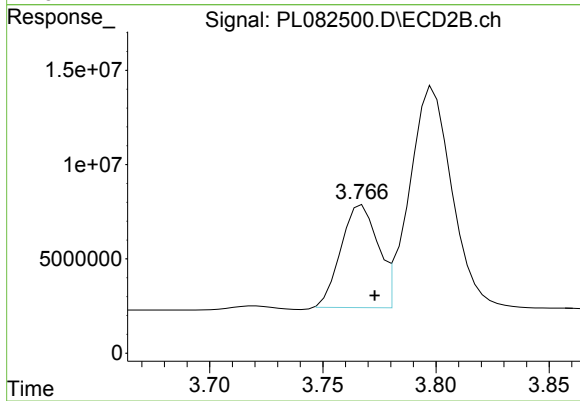
#5 Aldrin

R.T.: 4.076 min
Delta R.T.: -0.007 min
Response: 155496383
Conc: 49.37 ng/ml



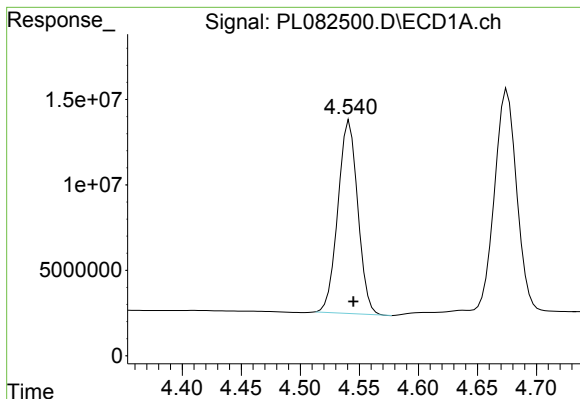
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 79183197
Conc: 46.43 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 61410969
Conc: 45.01 ng/ml



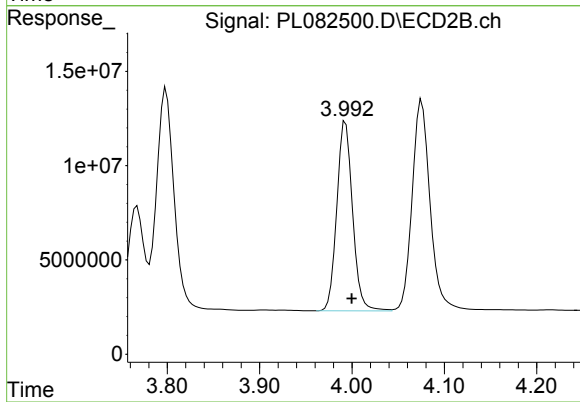
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 132421556
Conc: 36.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

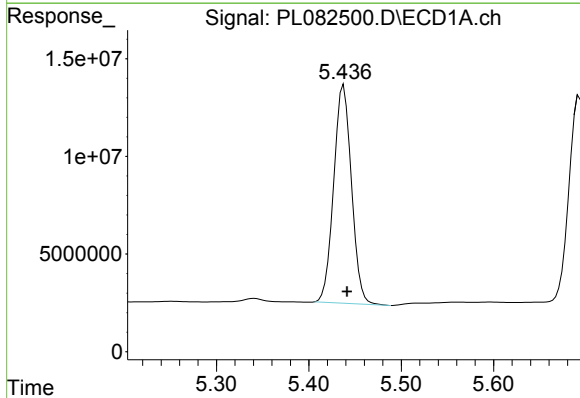
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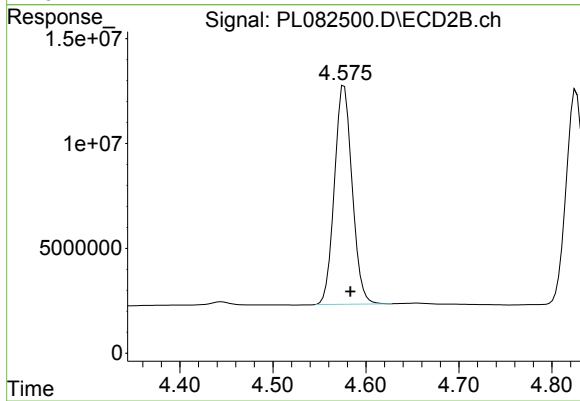
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 119273201
Conc: 38.88 ng/ml



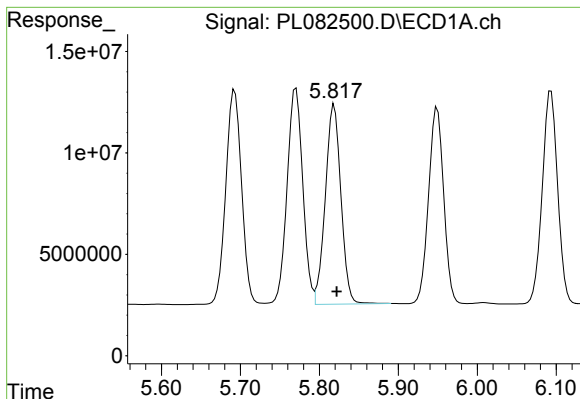
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.004 min
Response: 149077760
Conc: 48.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 138406371
Conc: 48.04 ng/ml



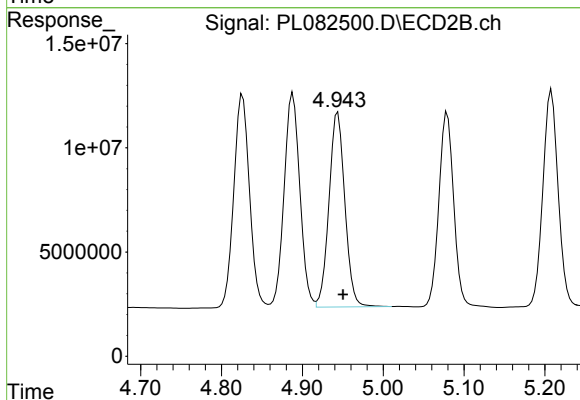
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 135445996
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

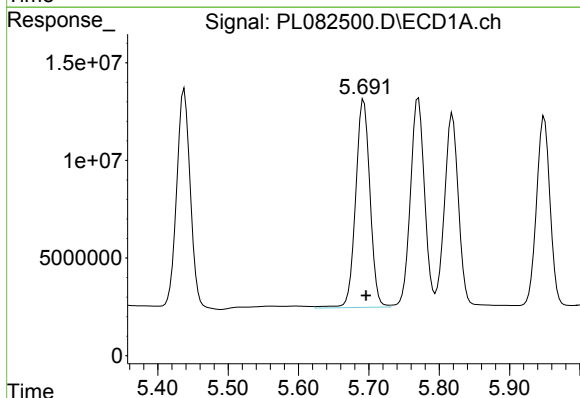
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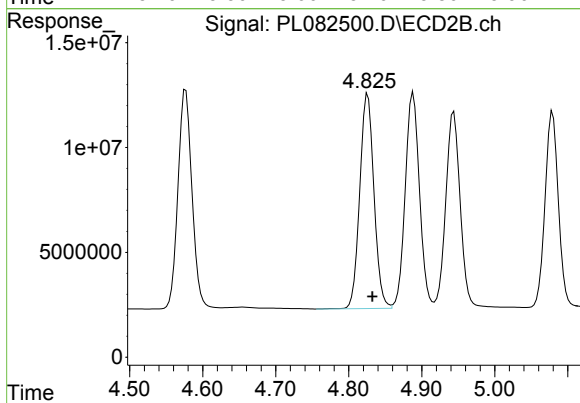
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.007 min
Response: 127413521
Conc: 47.73 ng/ml



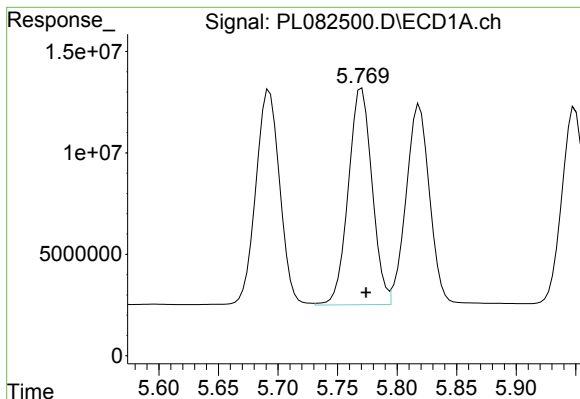
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 151128005
Conc: 50.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 138548533
Conc: 47.74 ng/ml



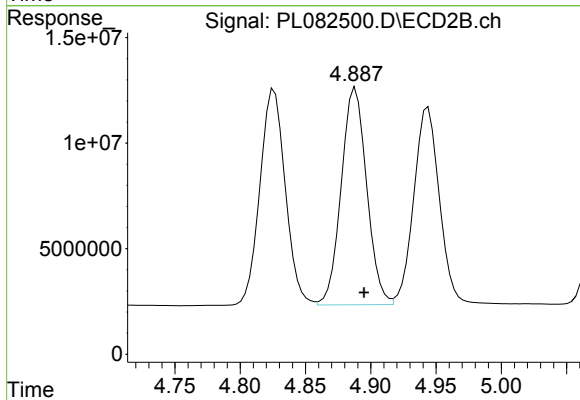
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 148280757
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

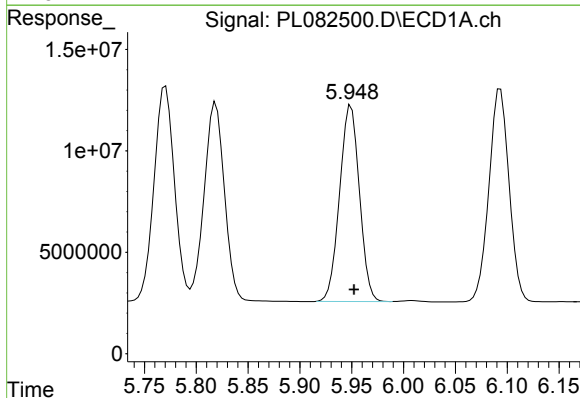
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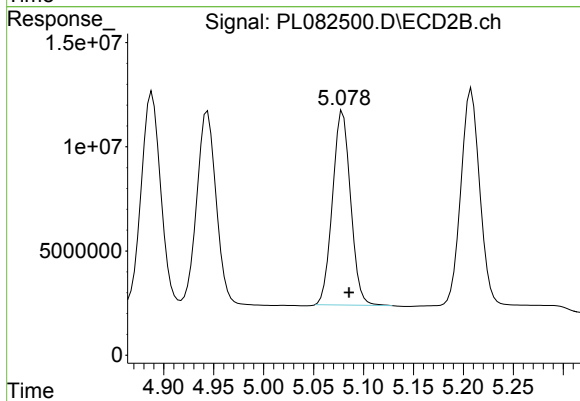
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 139482011
Conc: 48.05 ng/ml



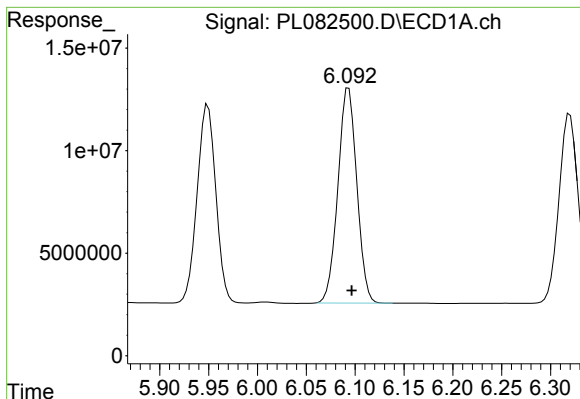
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 128620832
Conc: 50.60 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 117377994
Conc: 51.06 ng/ml



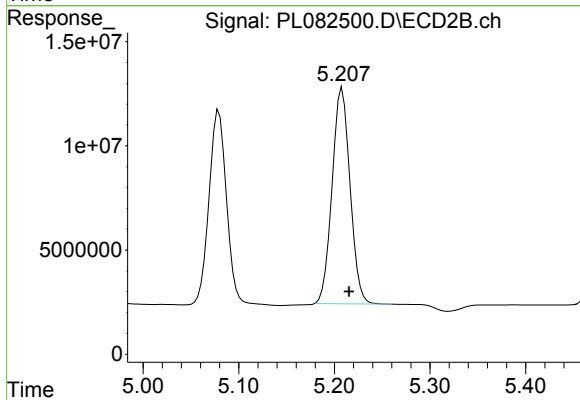
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 141544694
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

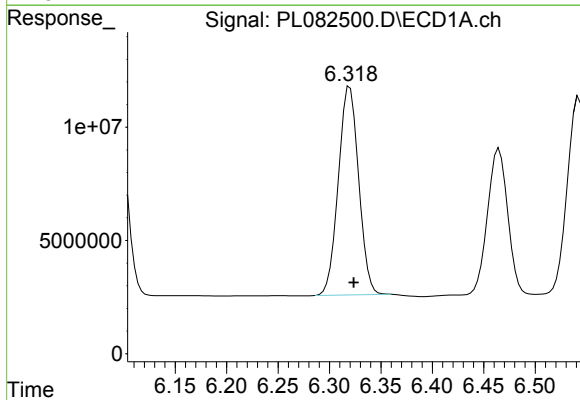
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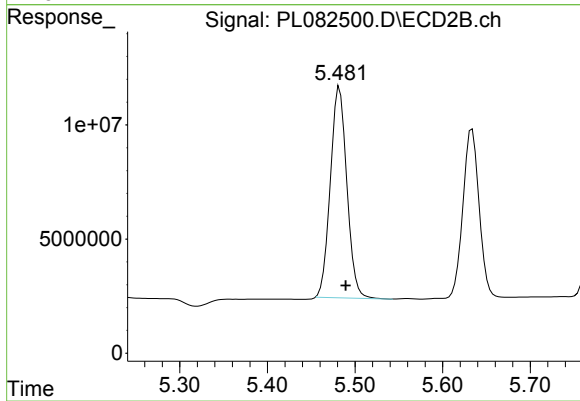
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 134658864
Conc: 49.87 ng/ml



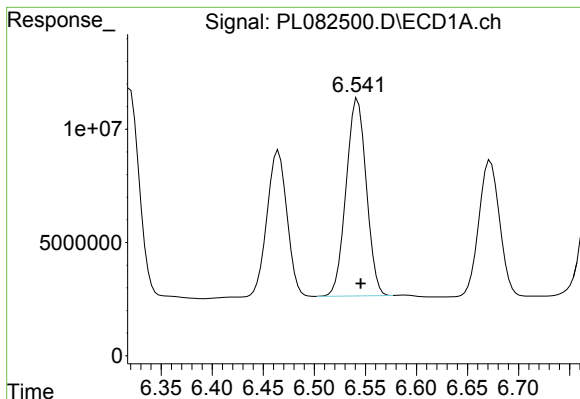
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 126633061
Conc: 52.23 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.007 min
Response: 120999451
Conc: 49.47 ng/ml



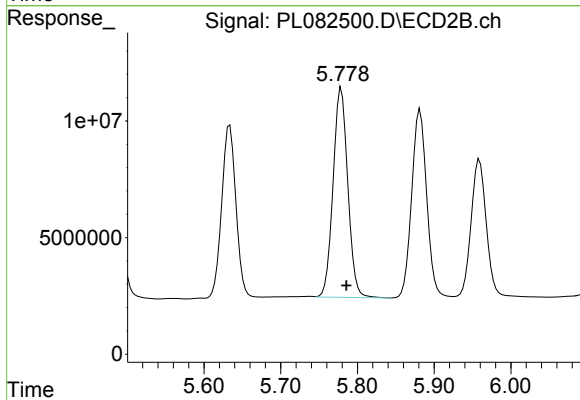
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 119984831
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

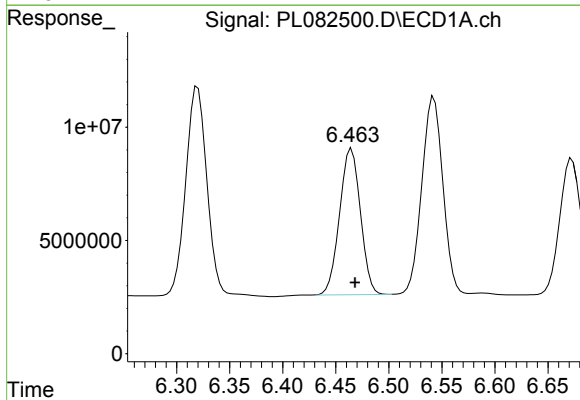
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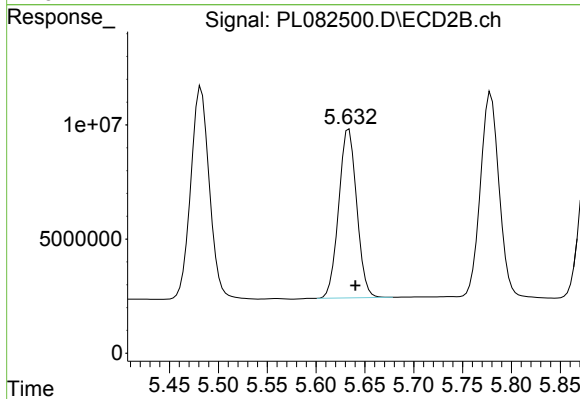
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 119654952
Conc: 53.08 ng/ml



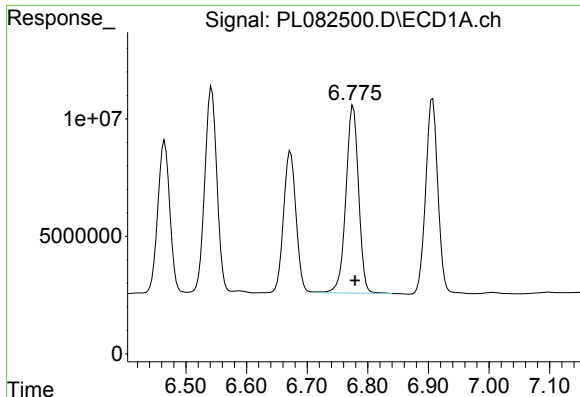
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 88057392
Conc: 43.44 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.007 min
Response: 95039347
Conc: 50.81 ng/ml



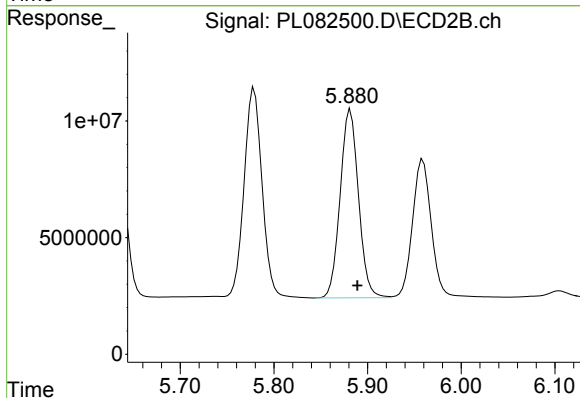
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 116377366
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

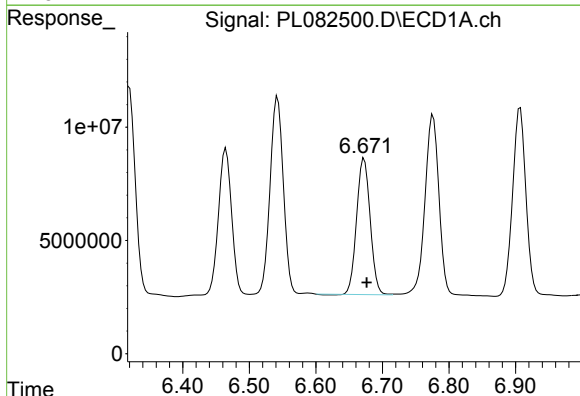
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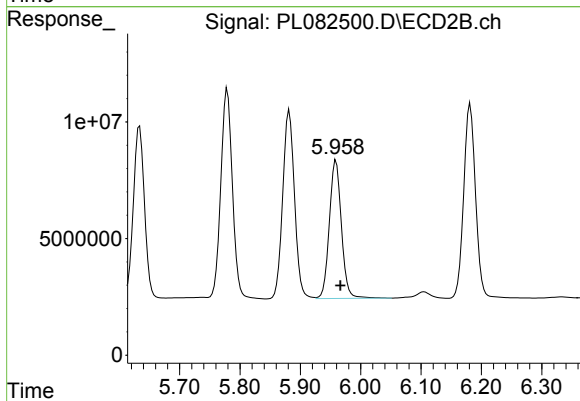
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 109951982
Conc: 52.05 ng/ml



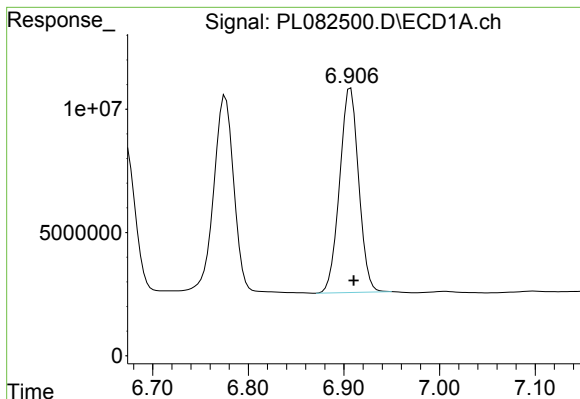
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 85049829
Conc: 45.14 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 82475585
Conc: 44.07 ng/ml



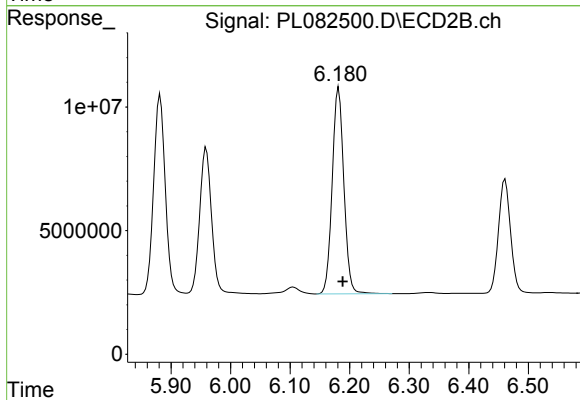
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 115230055
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

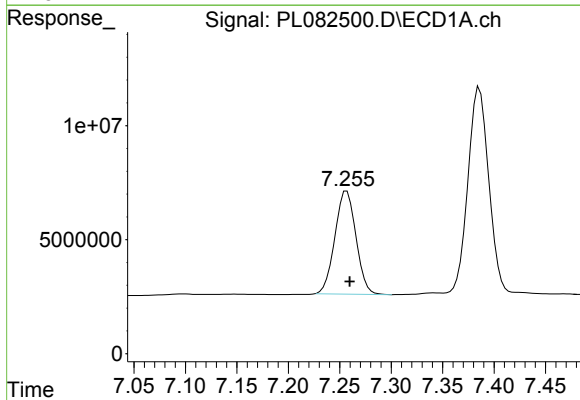
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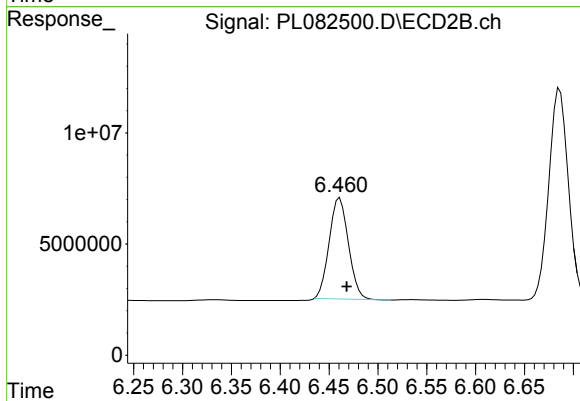
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.007 min
Response: 113581362
Conc: 48.24 ng/ml



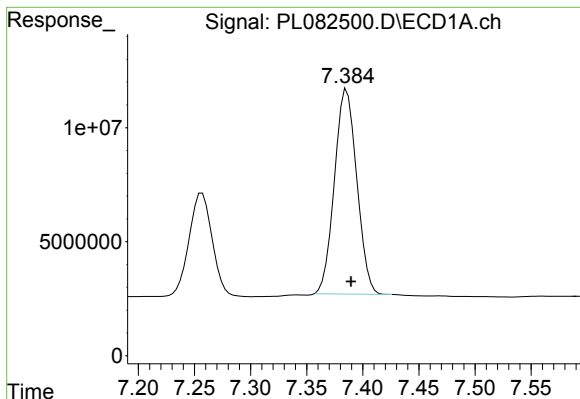
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 64361152
Conc: 52.74 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 62438477
Conc: 51.52 ng/ml



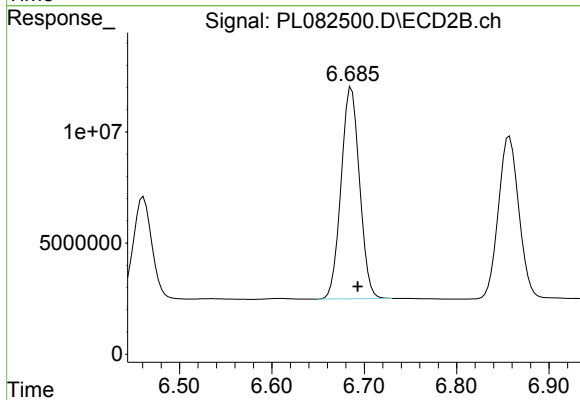
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.004 min
Response: 124410946
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

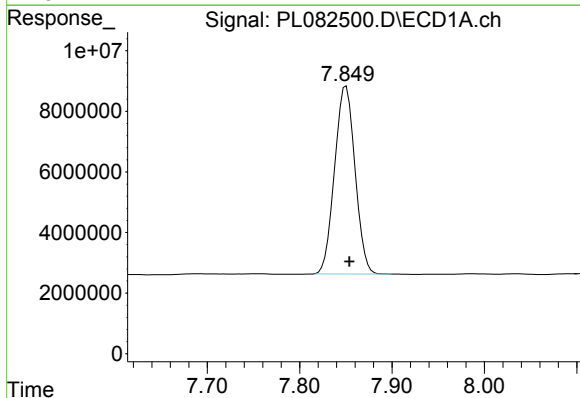
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2023
Supervised By :Ankita Jodhani 05/08/2023



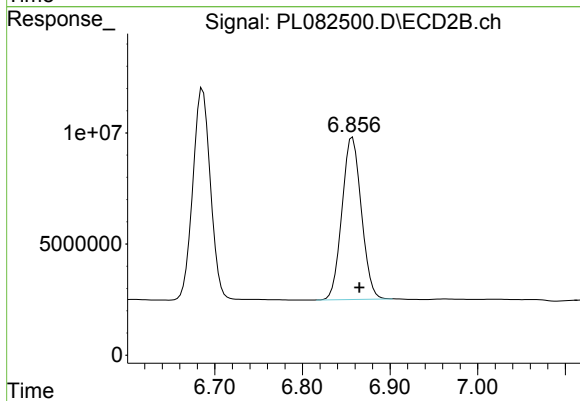
#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 132381457
Conc: 52.16 ng/ml m



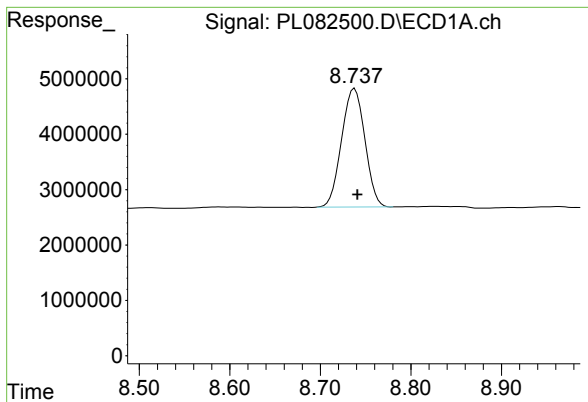
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 95284453
Conc: 48.71 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: -0.009 min
Response: 112170488
Conc: 48.68 ng/ml m



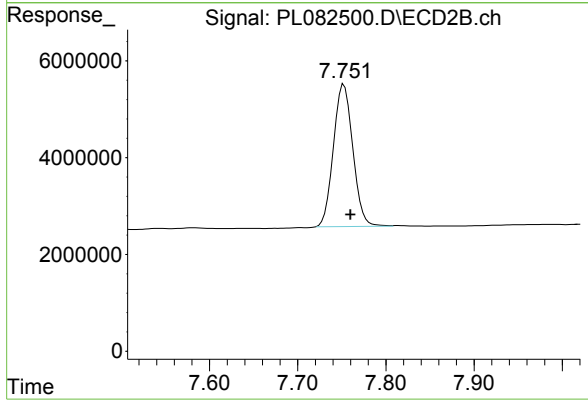
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 38326605
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-27MSD

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#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 45008397
Conc: 19.72 ng/ml