

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
 Data File : PL083111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2023 10:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/01/2023
 Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 05:05:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.317	2.636	143.6E6	121.3E6	48.873	46.738
28)	SA Decachlor...	8.733	7.739	108.4E6	124.5E6	51.695	50.051
Target Compounds							
2)	A alpha-BHC	3.766	3.132	220.2E6	174.5E6	49.603	46.774
3)	MA gamma-BHC...	4.094	3.458	207.0E6	161.6E6	49.971	48.475
4)	MA Heptachlor	4.671	3.789	193.3E6	167.5E6	50.571	45.740
5)	MB Aldrin	5.008	4.065	183.9E6	154.8E6	52.263	47.578
6)	B beta-BHC	4.298	3.759	89479338	67965040	47.526	47.525
7)	B delta-BHC	4.539	3.984	204.0E6	157.9E6	59.308	48.207
8)	B Heptachlo...	5.434	4.566	164.6E6	140.8E6	51.444	47.450
9)	A Endosulfan I	5.815	4.933	154.4E6	129.9E6	51.462	46.494
10)	B gamma-Chl...	5.687	4.814	166.3E6	143.7E6	52.349m	47.838
11)	B alpha-Chl...	5.766	4.877	166.9E6	143.4E6	52.020	47.772
12)	B 4,4'-DDE	5.945	5.066	143.8E6	122.1E6	52.156	50.285m
13)	MA Dieldrin	6.089	5.197	153.7E6	135.2E6	51.107	47.893
14)	MA Endrin	6.316	5.471	130.8E6	118.1E6	48.672	46.558
15)	B Endosulfa...	6.539	5.768	125.6E6	113.6E6	47.259	45.924
16)	A 4,4'-DDD	6.461	5.622	119.1E6	100.8E6	54.796	52.392
17)	MA 4,4'-DDT	6.772	5.869	119.6E6	104.1E6	47.781	46.643m
18)	B Endrin al...	6.667	5.947	102.9E6	92392459	51.182m	46.723
19)	B Endosulfa...	6.903	6.170	130.7E6	117.8E6	50.969	48.100
20)	A Methoxychlor	7.253	6.449	64589400	58733690	48.843	46.183
21)	B Endrin ke...	7.382	6.674	136.3E6	133.8E6	53.432	49.484
22)	Mirex	7.846	6.844	104.8E6	113.3E6	49.982	48.431

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
Data File : PL083111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 May 2023 10:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

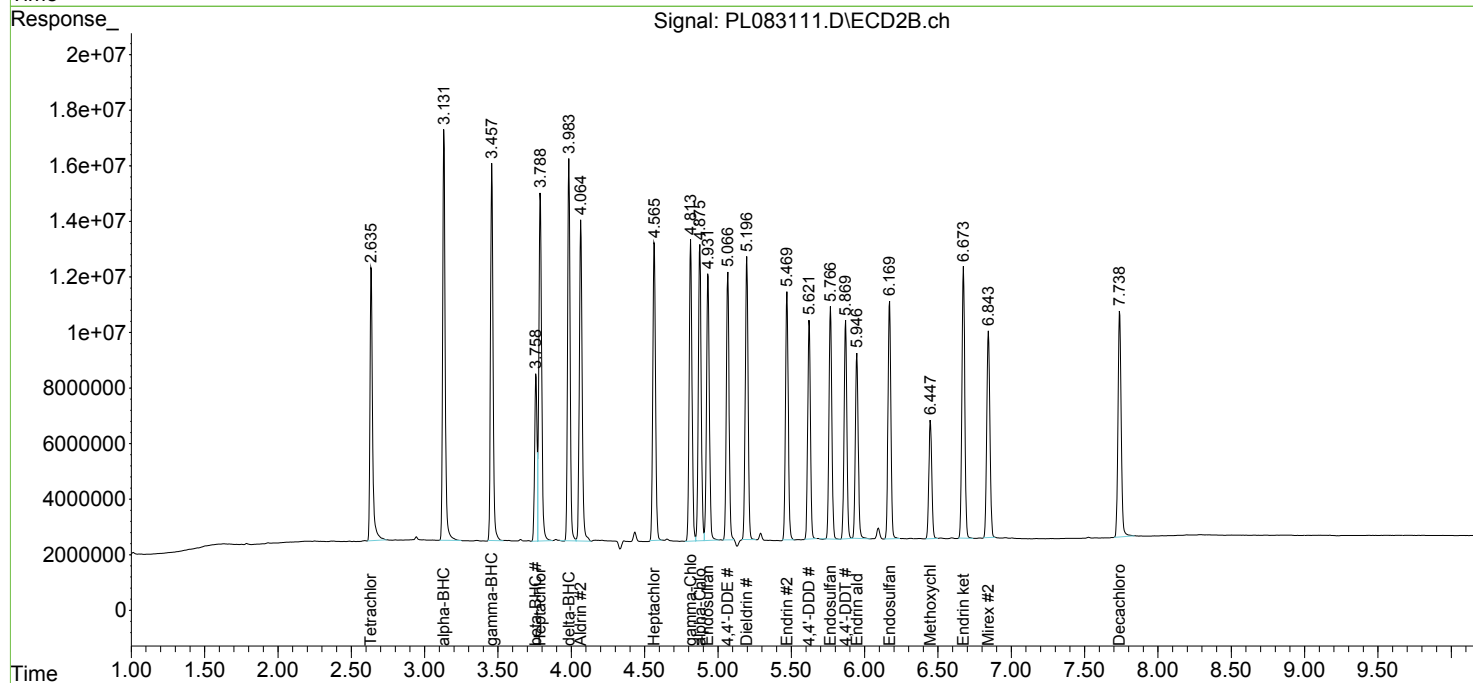
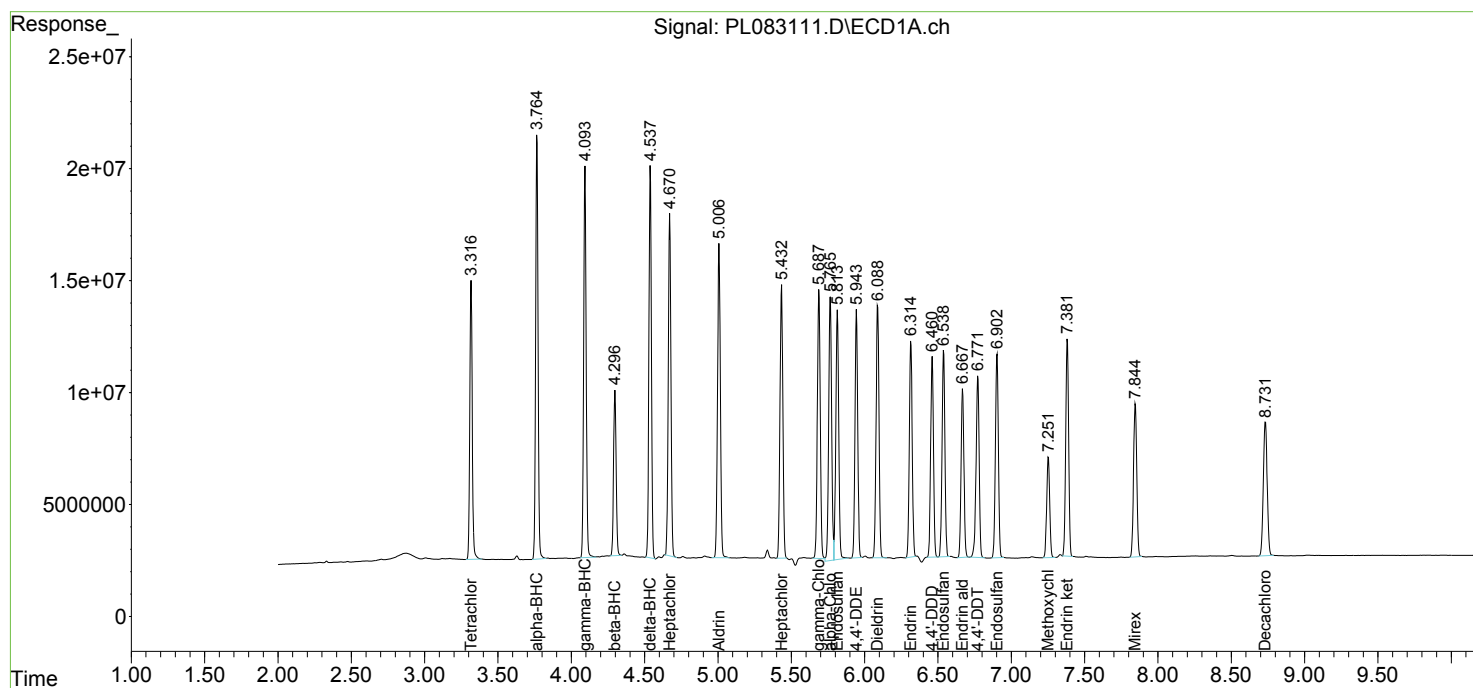
APPROVED

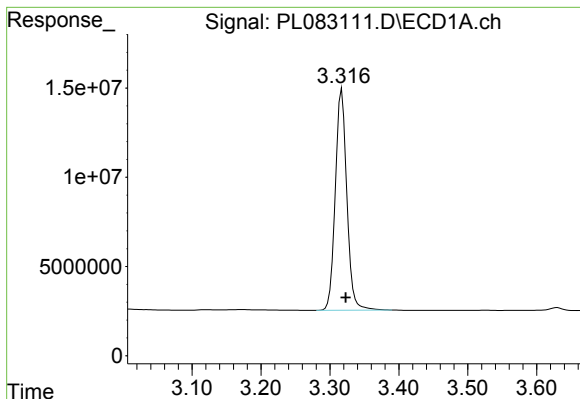
Reviewed By :Abdul Mirza 06/01/2023

Supervised By :Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 05:05:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





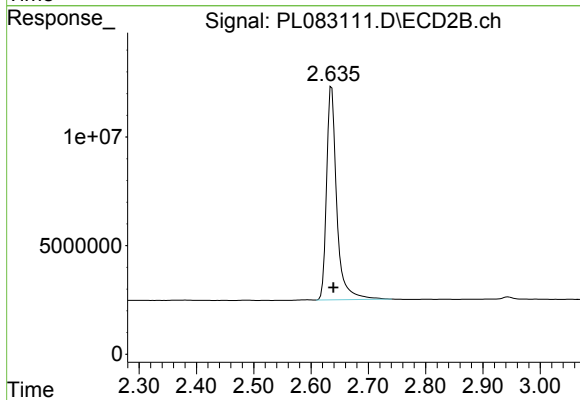
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 143638743
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

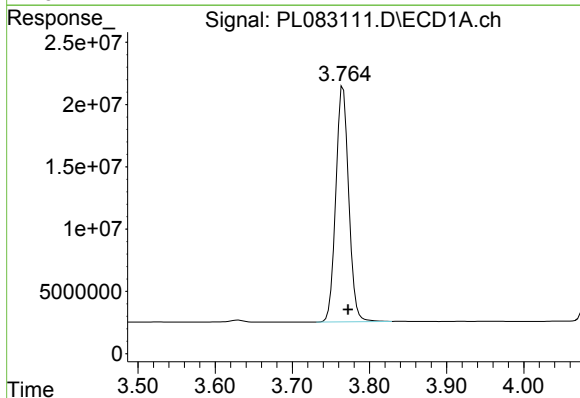
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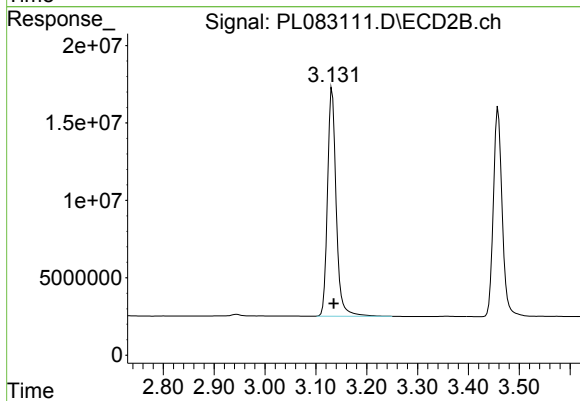
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: -0.003 min
Response: 121334992
Conc: 46.74 ng/ml



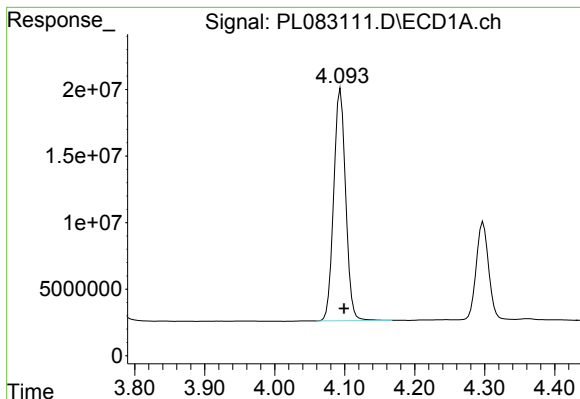
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 220198702
Conc: 49.60 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 174536252
Conc: 46.77 ng/ml



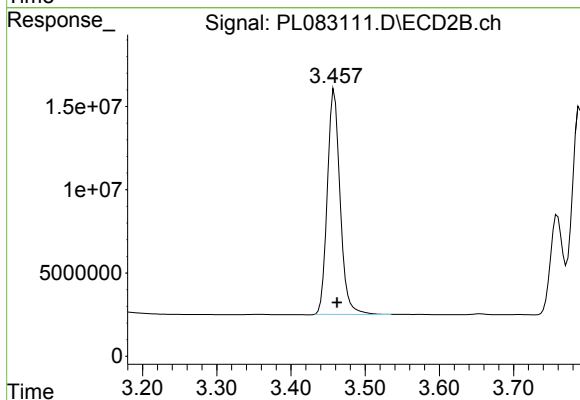
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 207024855
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

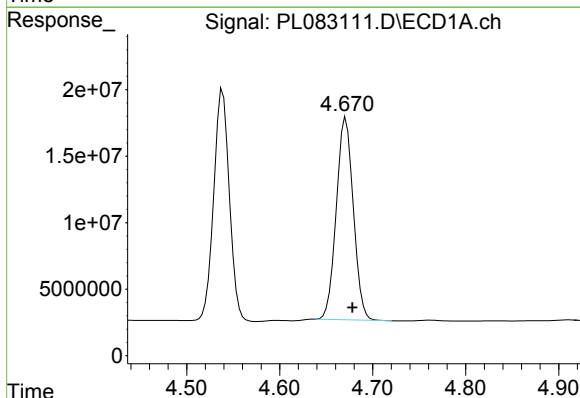
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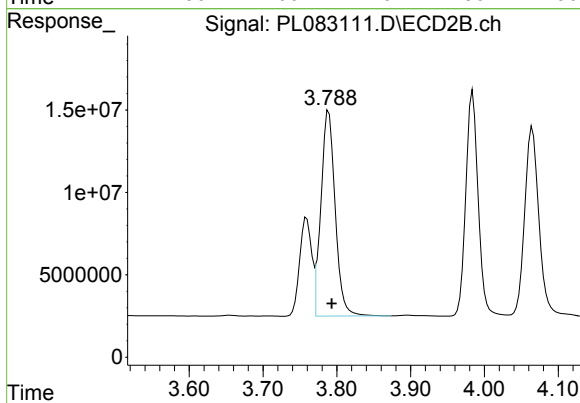
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.004 min
Response: 161582298
Conc: 48.48 ng/ml



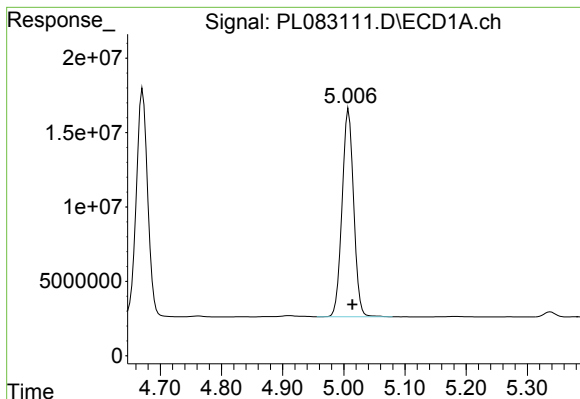
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 193305180
Conc: 50.57 ng/ml



#4 Heptachlor

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 167458439
Conc: 45.74 ng/ml



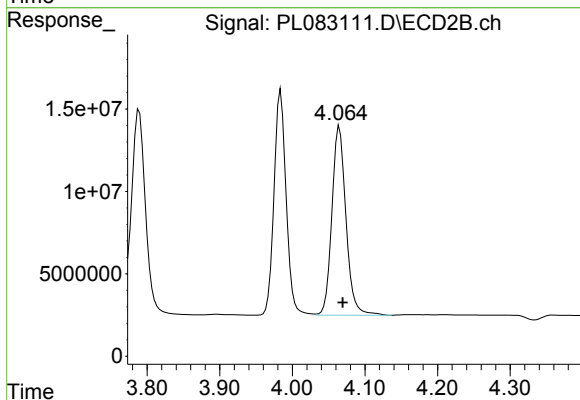
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 183866945
Conc: 52.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

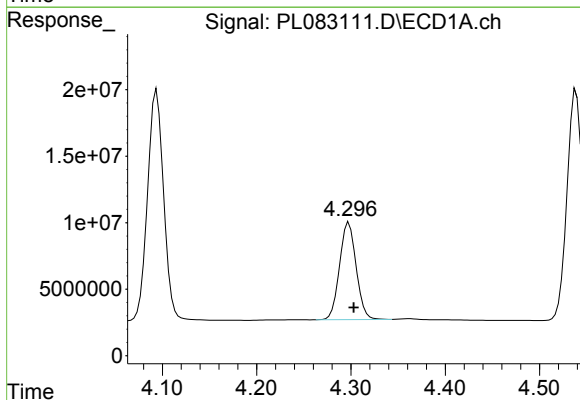
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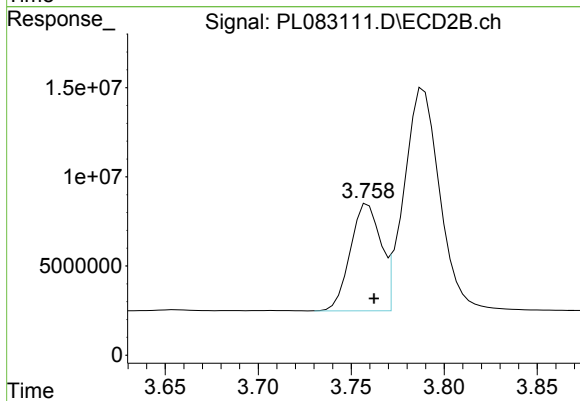
#5 Aldrin

R.T.: 4.065 min
Delta R.T.: -0.005 min
Response: 154799845
Conc: 47.58 ng/ml



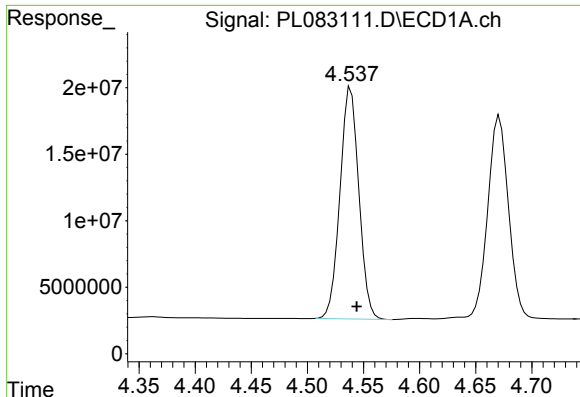
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 89479338
Conc: 47.53 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 67965040
Conc: 47.53 ng/ml



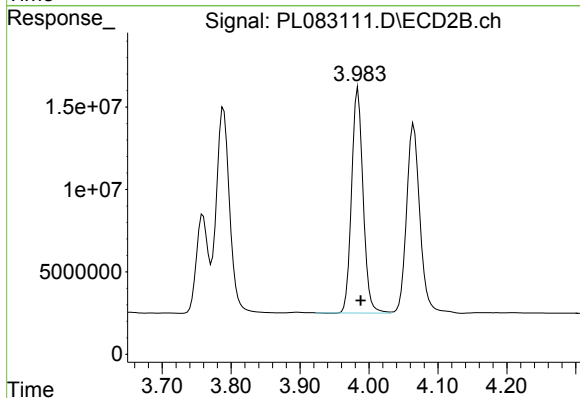
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 203955674
Conc: 59.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

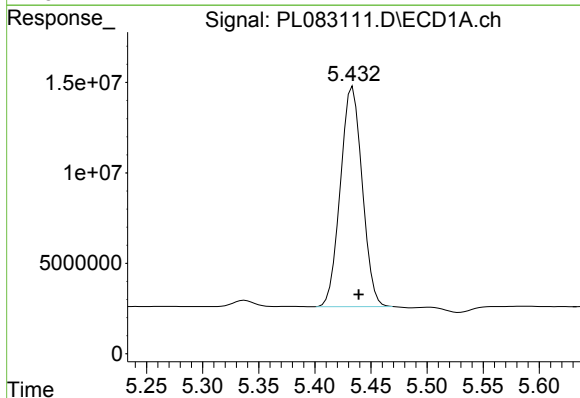
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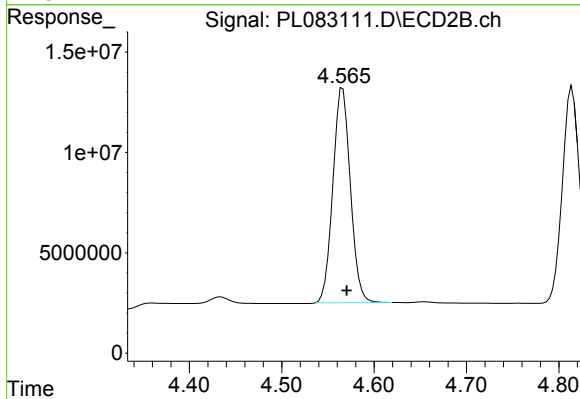
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 157946855
Conc: 48.21 ng/ml



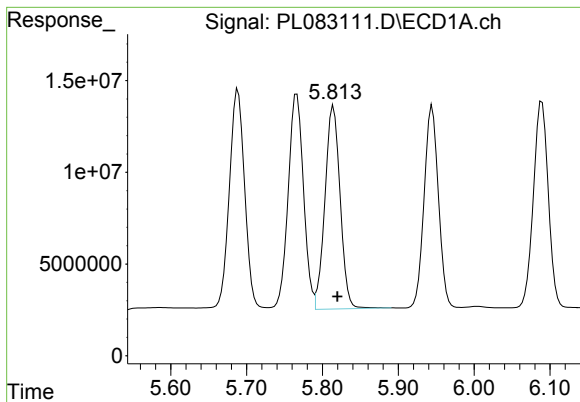
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 164556211
Conc: 51.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 140826871
Conc: 47.45 ng/ml



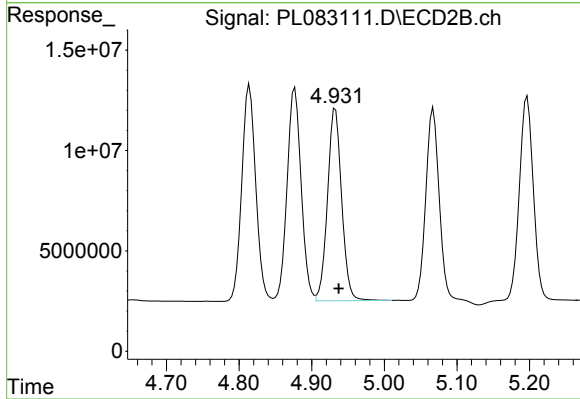
#9 Endosulfan I

R.T.: 5.815 min
Delta R.T.: -0.005 min
Response: 154416165
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

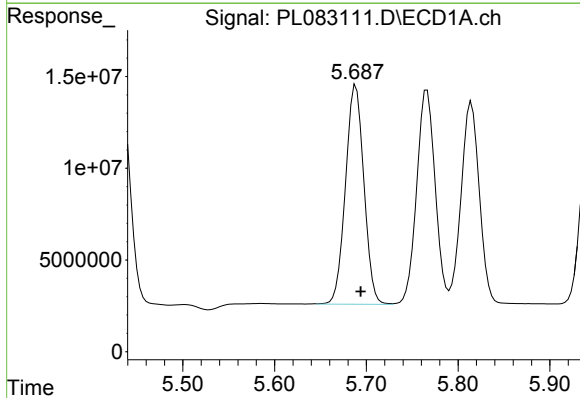
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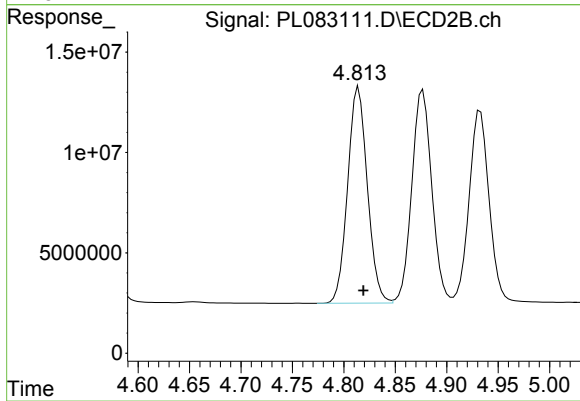
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 129922158
Conc: 46.49 ng/ml



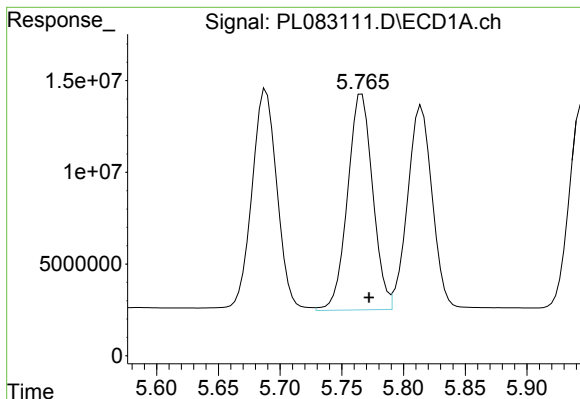
#10 gamma-Chlordane

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 166311571
Conc: 52.35 ng/ml m



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 143676963
Conc: 47.84 ng/ml



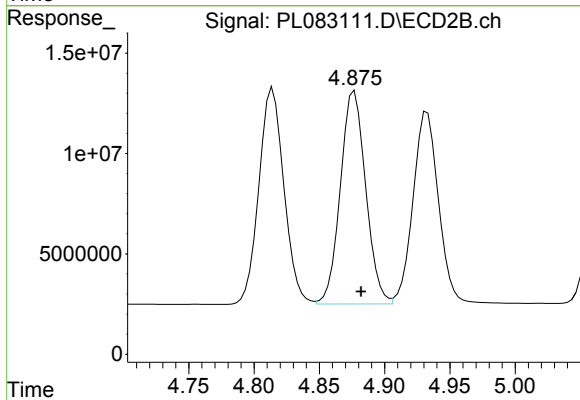
#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 166949007
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

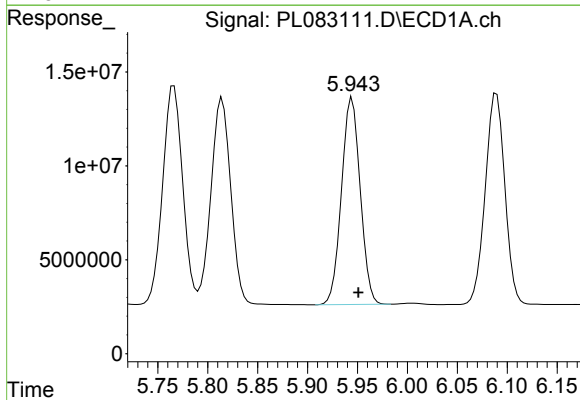
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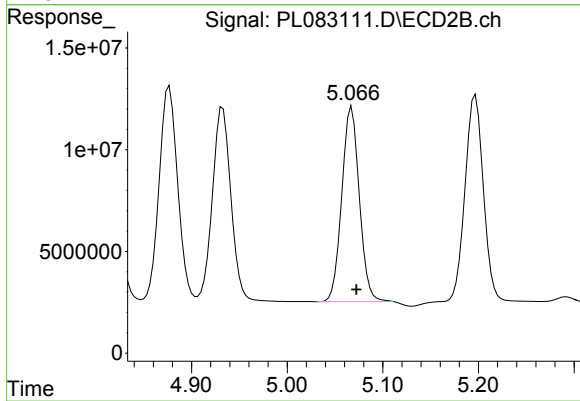
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 143409413
Conc: 47.77 ng/ml



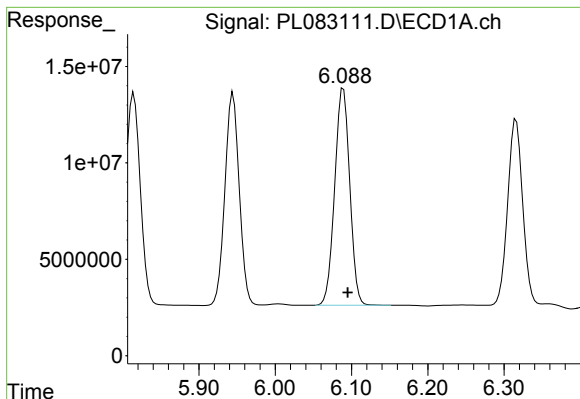
#12 4,4'-DDE

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 143767947
Conc: 52.16 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 122129411
Conc: 50.28 ng/ml m



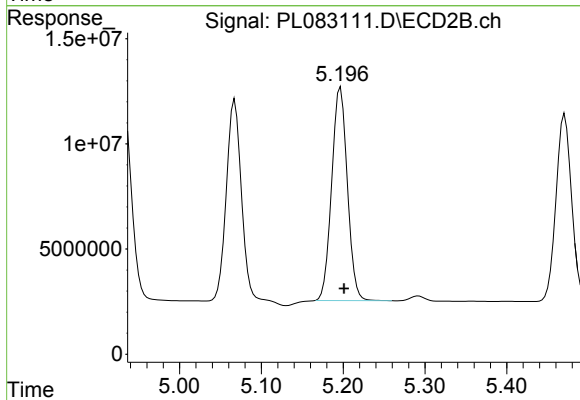
#13 Dieldrin

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 153723327
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

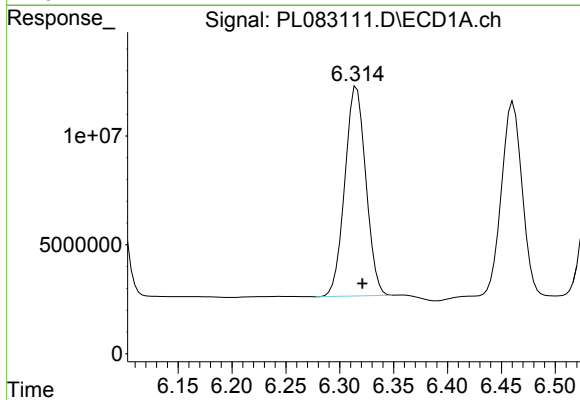
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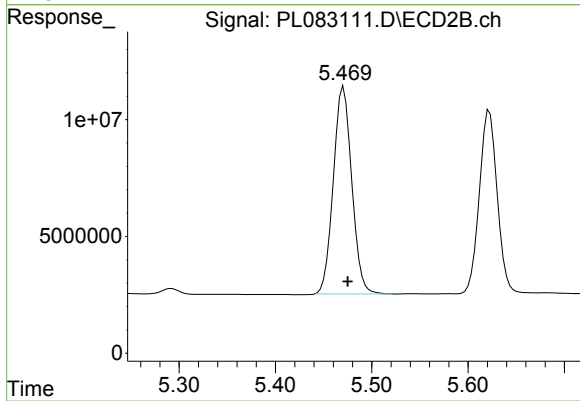
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 135198470
Conc: 47.89 ng/ml



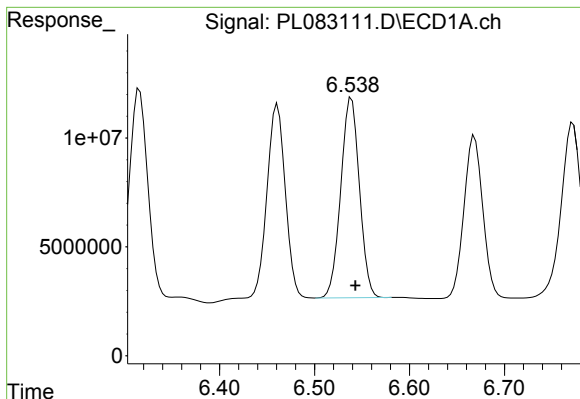
#14 Endrin

R.T.: 6.316 min
Delta R.T.: -0.005 min
Response: 130795093
Conc: 48.67 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 118115235
Conc: 46.56 ng/ml



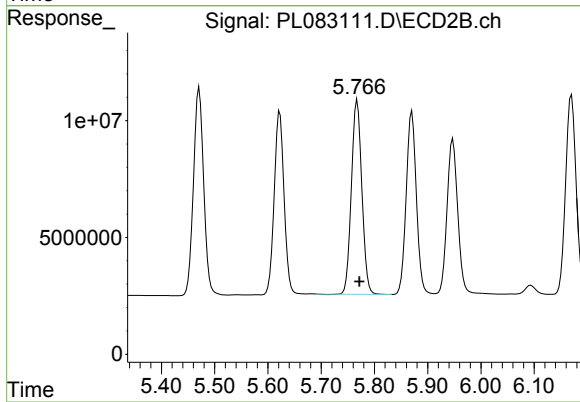
#15 Endosulfan II

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 125589415
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

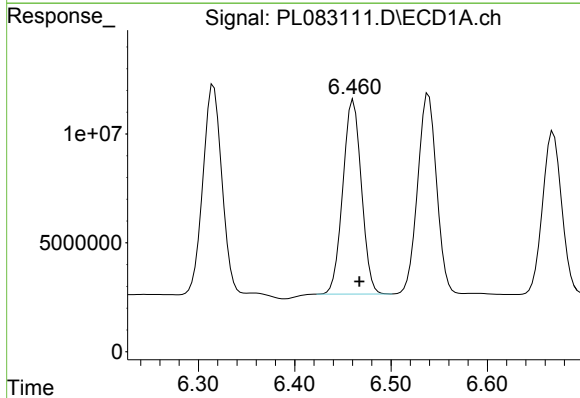
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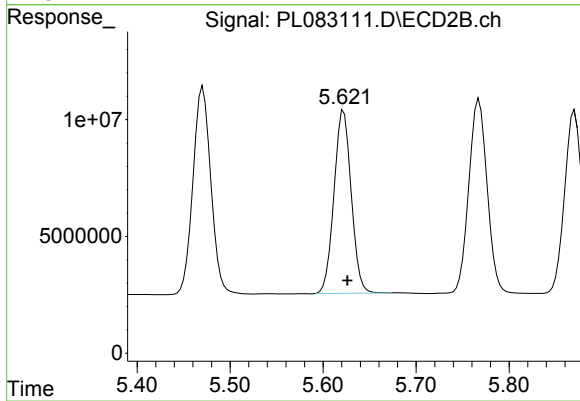
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 113625565
Conc: 45.92 ng/ml



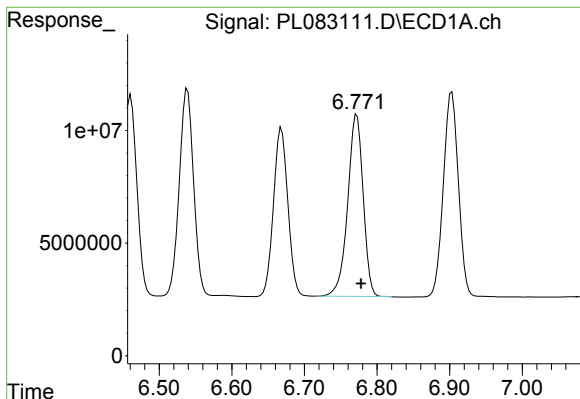
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 119075867
Conc: 54.80 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 100762912
Conc: 52.39 ng/ml



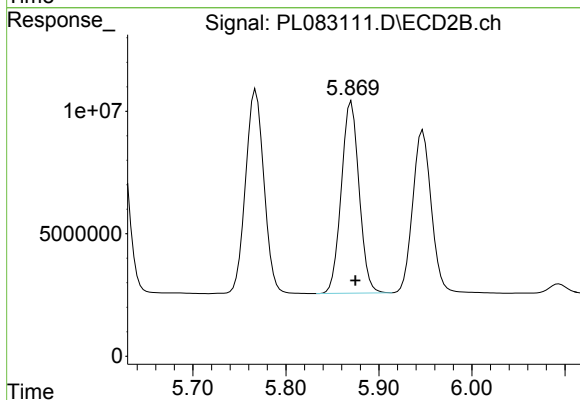
#17 4,4'-DDT

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 119605047
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

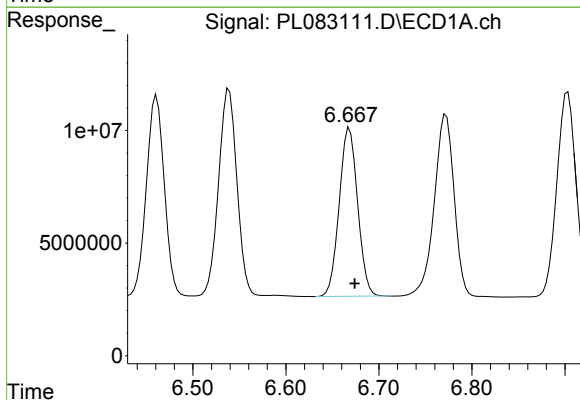
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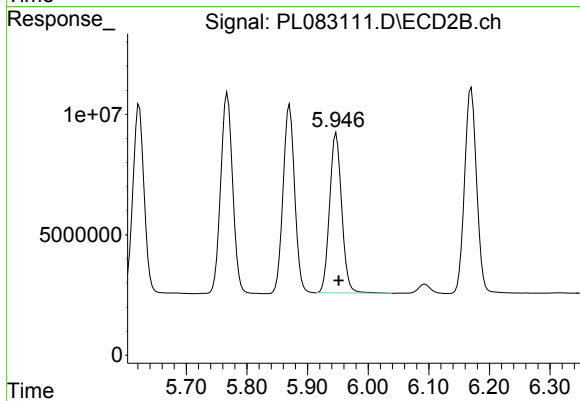
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 104062832
Conc: 46.64 ng/ml m



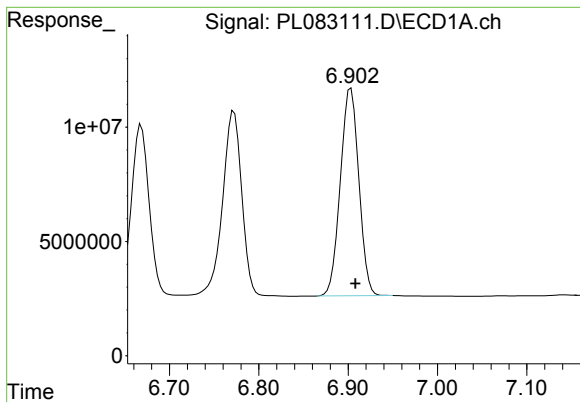
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 102908218
Conc: 51.18 ng/ml m



#18 Endrin aldehyde

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 92392459
Conc: 46.72 ng/ml



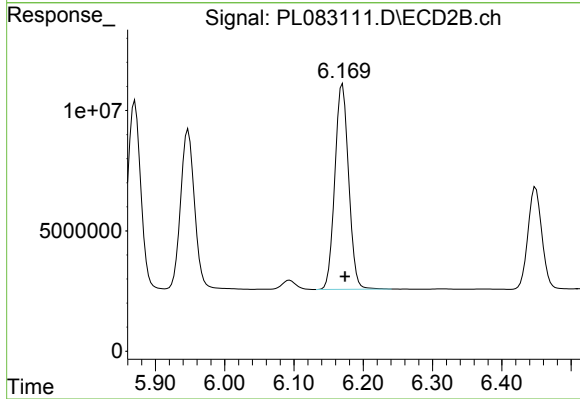
#19 Endosulfan Sulfate

R.T.: 6.903 min
Delta R.T.: -0.005 min
Response: 130669284
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

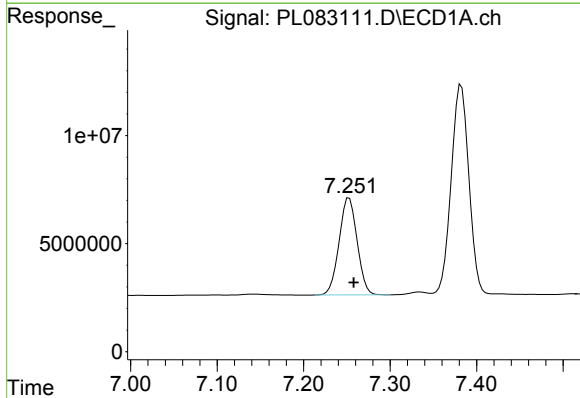
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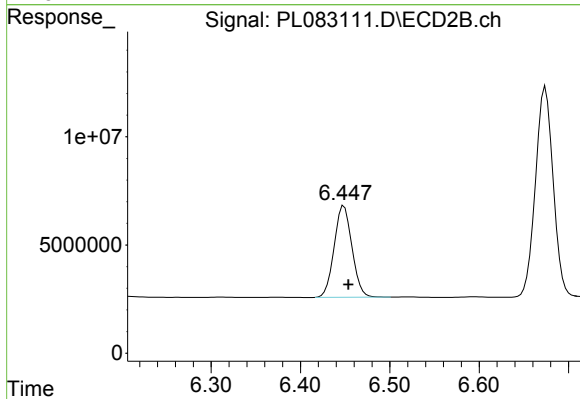
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 117796006
Conc: 48.10 ng/ml



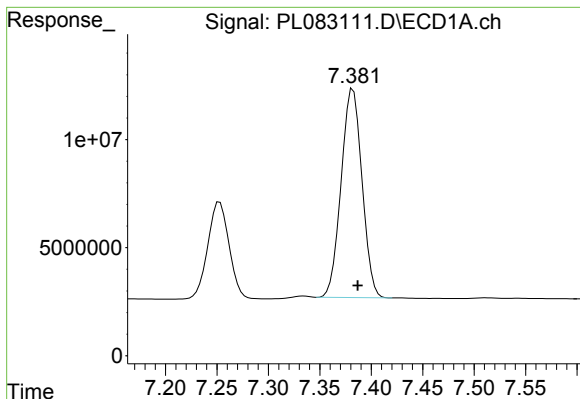
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 64589400
Conc: 48.84 ng/ml



#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.005 min
Response: 58733690
Conc: 46.18 ng/ml



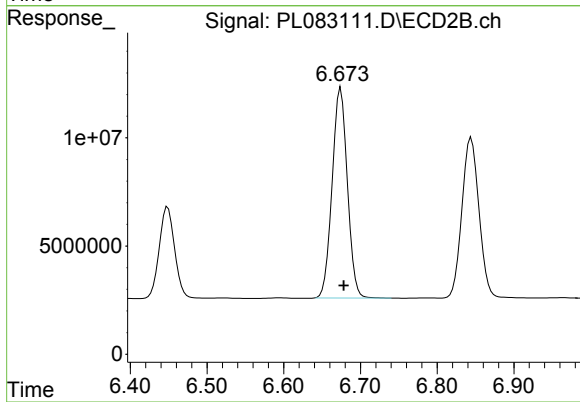
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 136293592
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

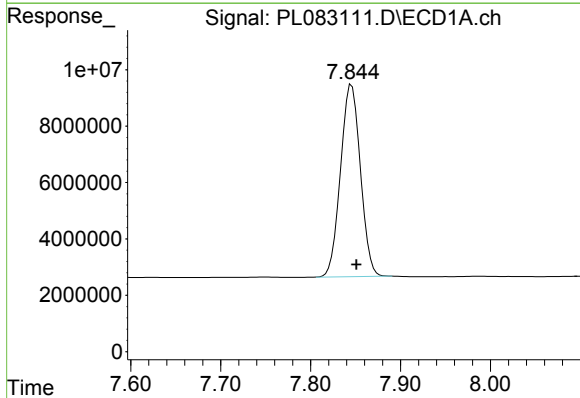
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/01/2023
Supervised By :Ankita Jodhani 06/01/2023



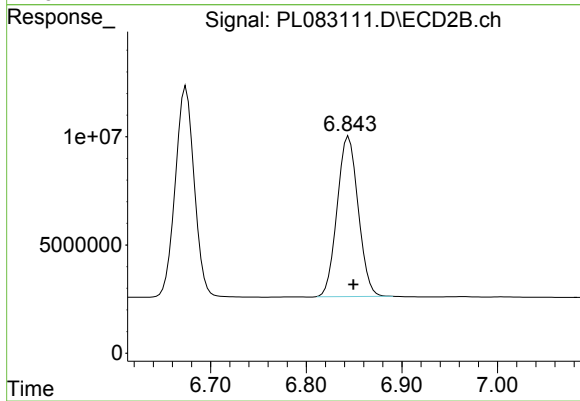
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 133797400
Conc: 49.48 ng/ml



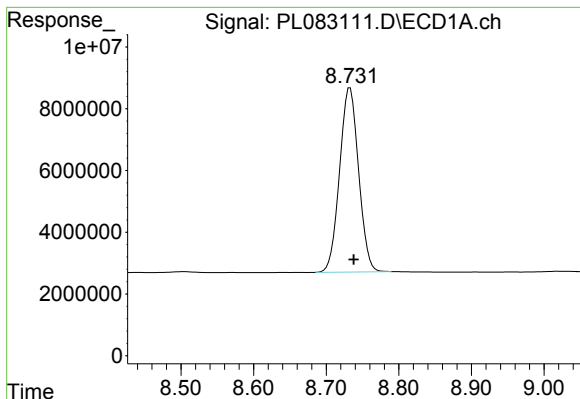
#22 Mirex

R.T.: 7.846 min
Delta R.T.: -0.005 min
Response: 104763360
Conc: 49.98 ng/ml



#22 Mirex

R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 113319298
Conc: 48.43 ng/ml



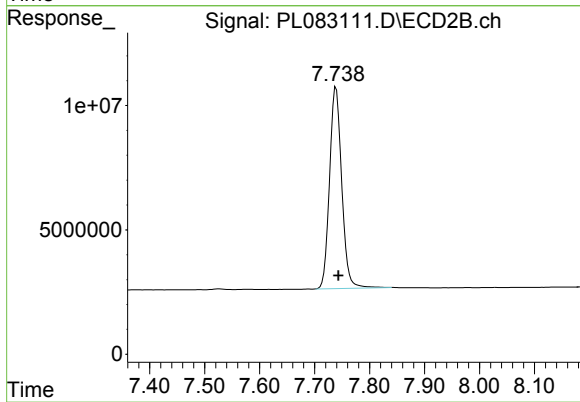
#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.005 min
Response: 108422353
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.739 min
Delta R.T.: -0.005 min
Response: 124454830
Conc: 50.05 ng/ml