

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl052523\
 Data File : PL082991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 09:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/26/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 21:09:42 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...	3.323	2.635	139.8E6	116.9E6	47.584	45.037
28)	SA Decachlor...	8.740	7.743	98136375	115.1E6	46.791	46.291
Target Compounds							
2)	A alpha-BHC	3.772	3.131	214.8E6	167.2E6	48.379	44.800
3)	MA gamma-BHC...	4.100	3.458	197.5E6	155.6E6	47.683	46.694
4)	MA Heptachlor	4.678	3.789	182.2E6	154.5E6	47.673	42.193
5)	MB Aldrin	5.014	4.066	175.4E6	152.8E6	49.843	46.958
6)	B beta-BHC	4.304	3.759	83931440	65847742	44.580	46.045
7)	B delta-BHC	4.545	3.984	196.1E6	154.3E6	57.023	47.089
8)	B Heptachlo...	5.441	4.567	157.1E6	136.5E6	49.102	45.992
9)	A Endosulfan I	5.821	4.934	155.1E6	117.9E6	51.705	42.178
10)	B gamma-Chl...	5.694	4.816	162.8E6	139.0E6	51.254m	46.277
11)	B alpha-Chl...	5.771	4.878	161.8E6	137.6E6	50.410m	45.846
12)	B 4,4'-DDE	5.952	5.067	136.5E6	116.1E6	49.507	47.787m
13)	MA Dieldrin	6.095	5.198	147.7E6	130.1E6	49.116	46.074
14)	MA Endrin	6.323	5.472	127.8E6	119.7E6	47.560	47.165
15)	B Endosulfa...	6.545	5.770	121.8E6	108.6E6	45.709	43.884
16)	A 4,4'-DDD	6.467	5.624	115.6E6	94688284	53.210	49.234
17)	MA 4,4'-DDT	6.779	5.872	116.5E6	100.7E6	46.541	45.123
18)	B Endrin al...	6.675	5.950	98893949	88119120	49.185	44.562
19)	B Endosulfa...	6.909	6.172	125.5E6	112.6E6	48.959	45.991
20)	A Methoxychlor	7.260	6.451	62869368	56541626	47.543	44.460
21)	B Endrin ke...	7.388	6.677	126.0E6	123.2E6	49.412	45.579
22)	Mirex	7.852	6.848	99223876	106.9E6	47.339	45.691

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\p1052523\
Data File : PL082991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 09:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

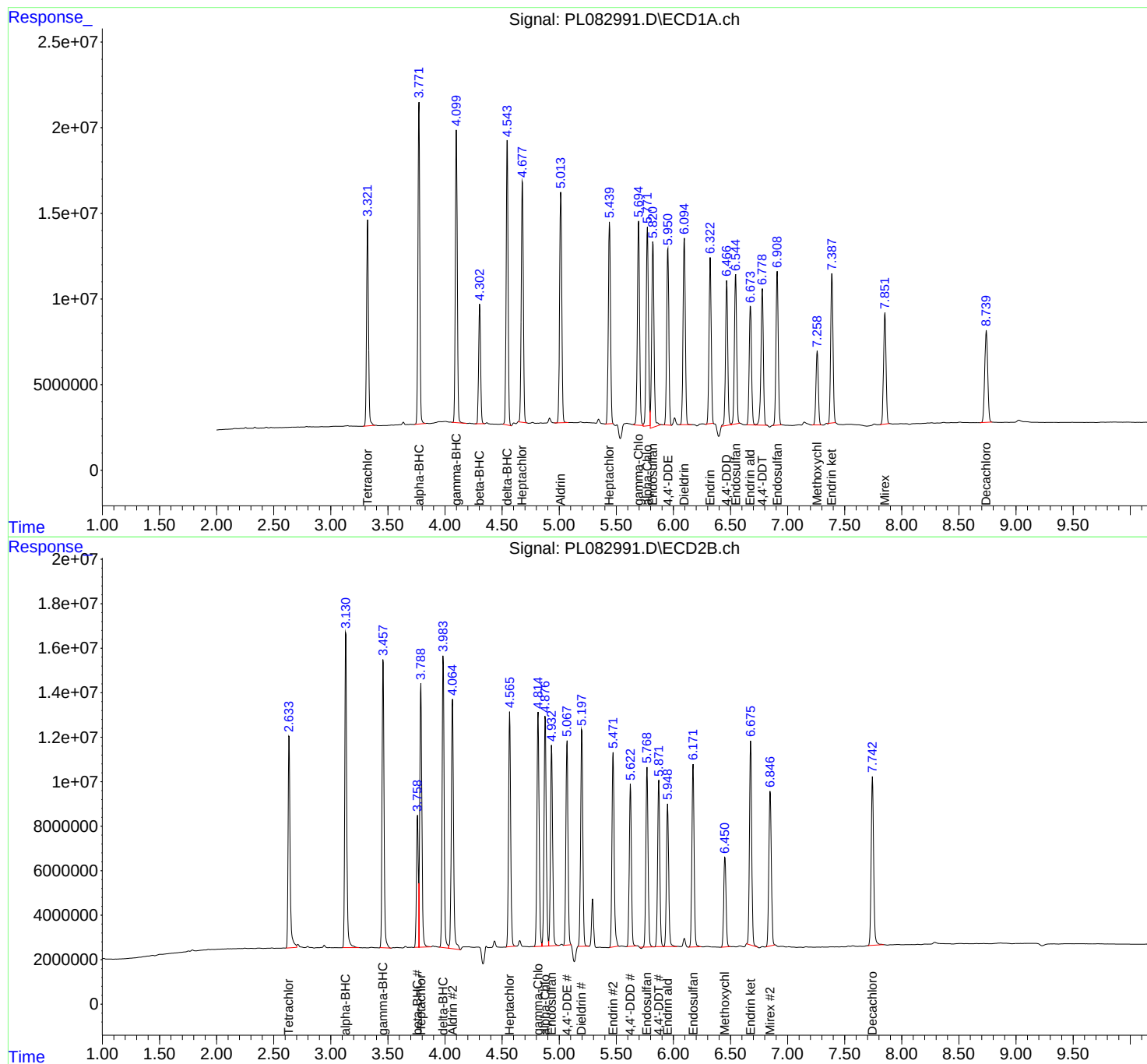
APPROVED

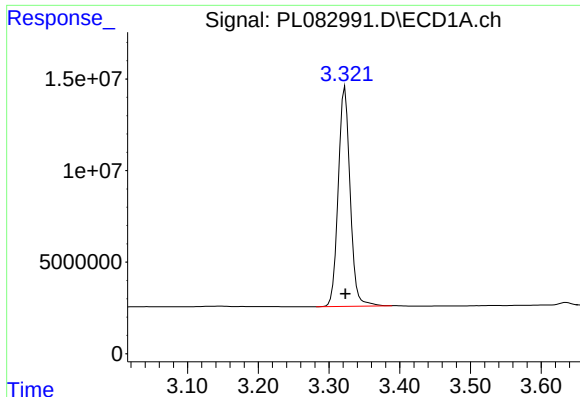
Reviewed By :Abdul Mirza 05/26/2023

Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 21:09:42 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





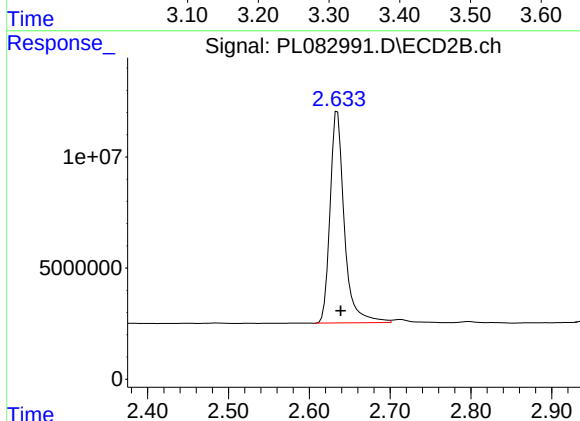
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 139849996
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

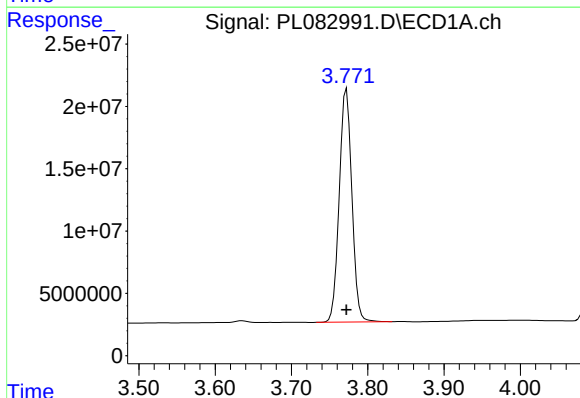
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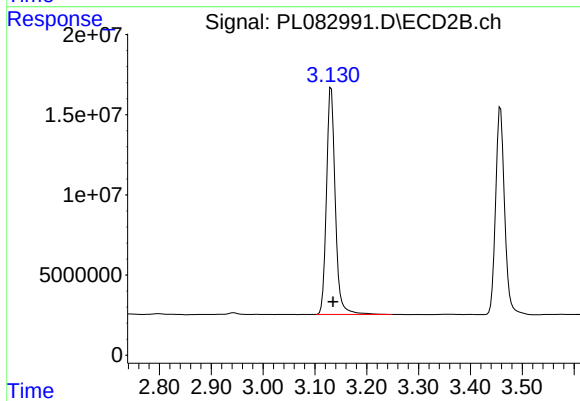
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 116919115
Conc: 45.04 ng/ml



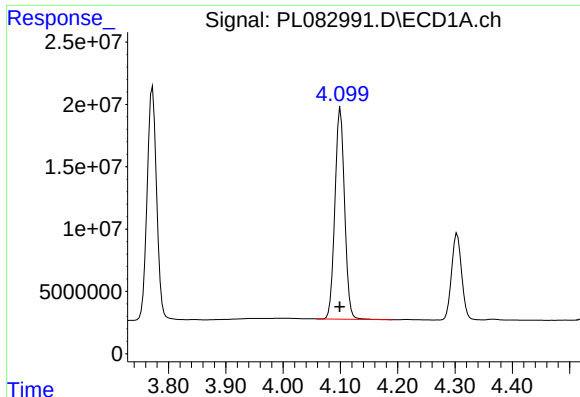
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 214768013
Conc: 48.38 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 167167690
Conc: 44.80 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.001 min
Response: 197546002
Conc: 47.68 ng/ml

Instrument :

ECD_L

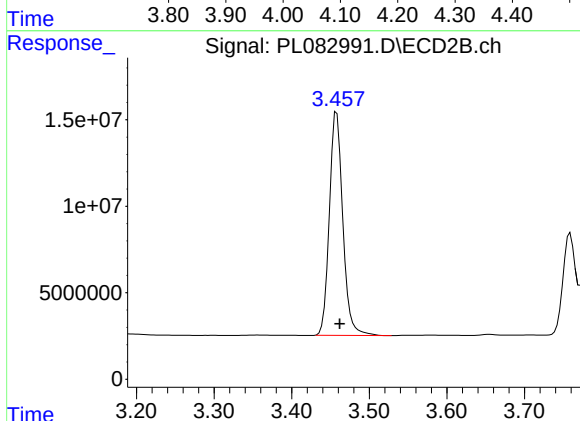
ClientSampleId :

PSTDCCC050

Manual Integrations

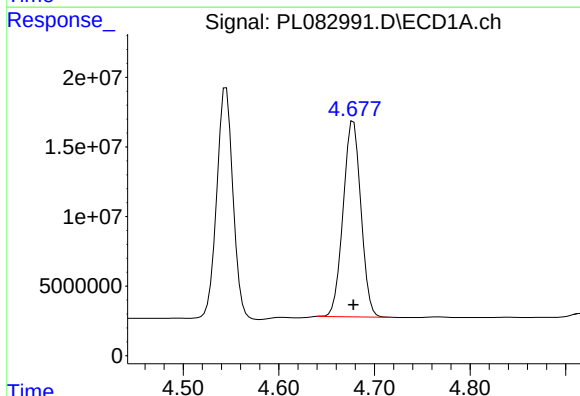
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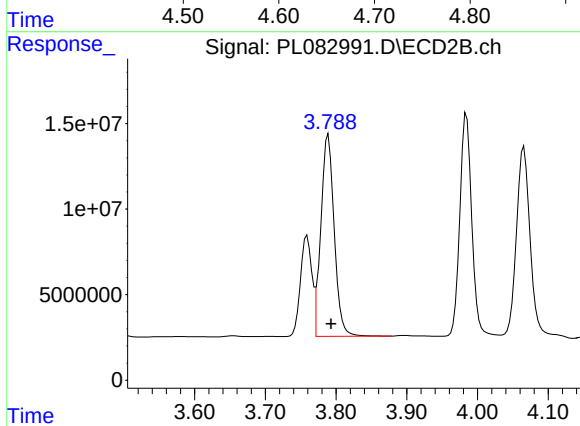
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.004 min
Response: 155645244
Conc: 46.69 ng/ml



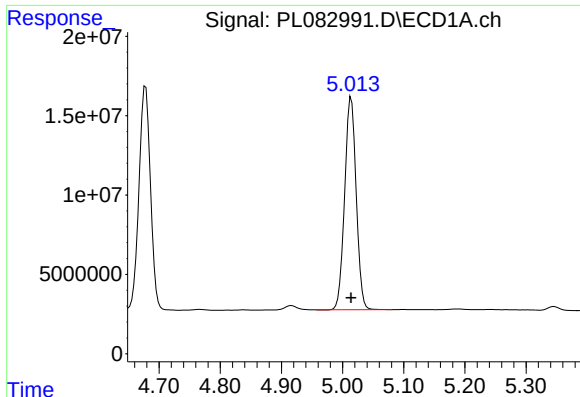
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 182228467
Conc: 47.67 ng/ml



#4 Heptachlor

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 154471353
Conc: 42.19 ng/ml



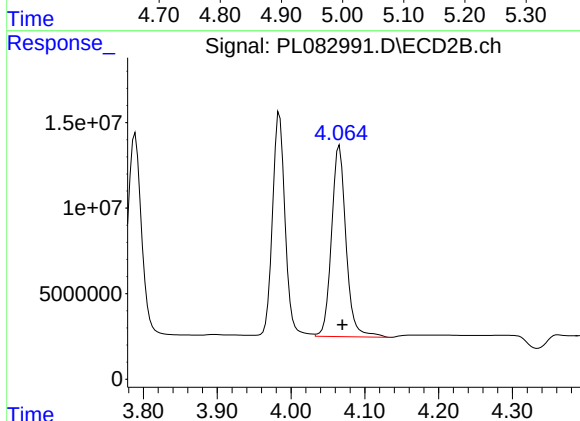
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 175352157
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

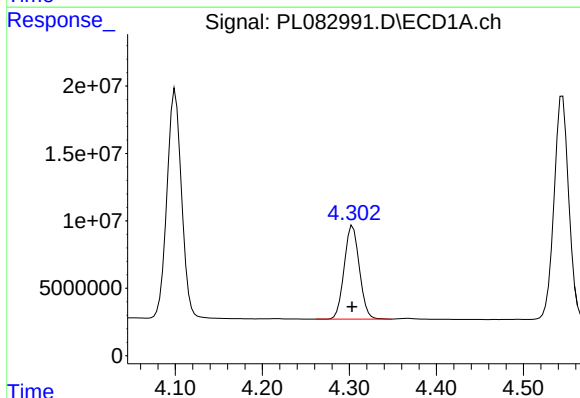
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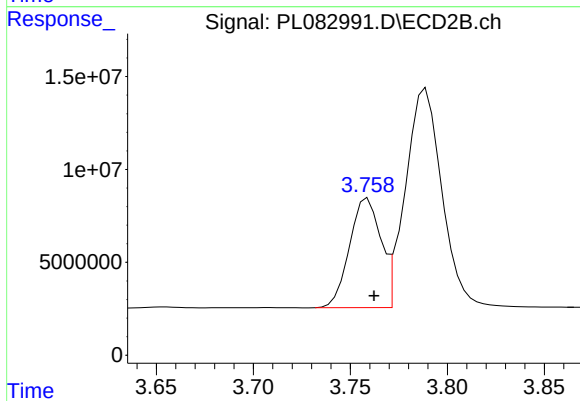
#5 Aldrin

R.T.: 4.066 min
Delta R.T.: -0.004 min
Response: 152783007
Conc: 46.96 ng/ml



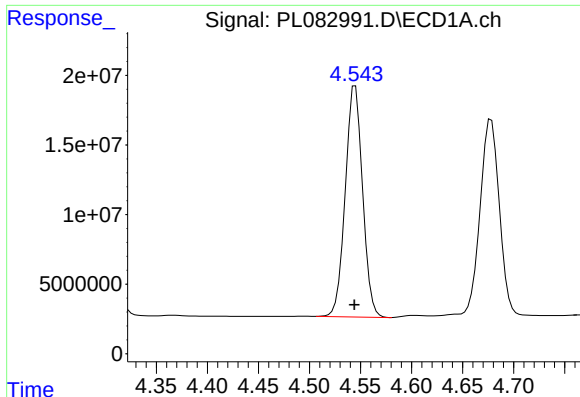
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 83931440
Conc: 44.58 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 65847742
Conc: 46.04 ng/ml



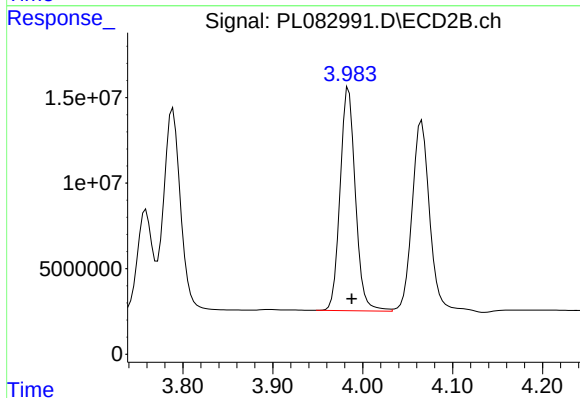
#7 delta-BHC

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 196096365
Conc: 57.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

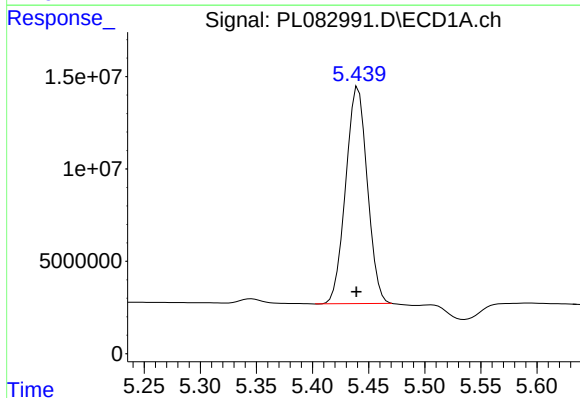
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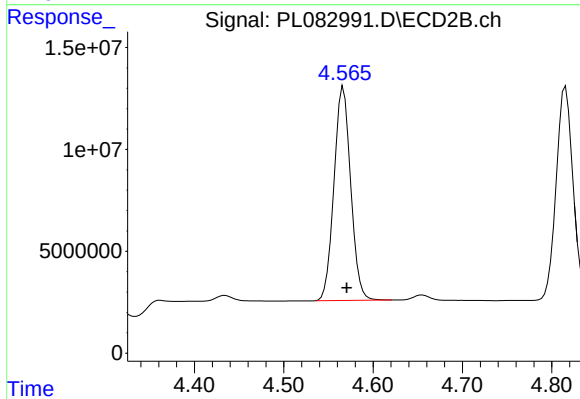
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 154285919
Conc: 47.09 ng/ml



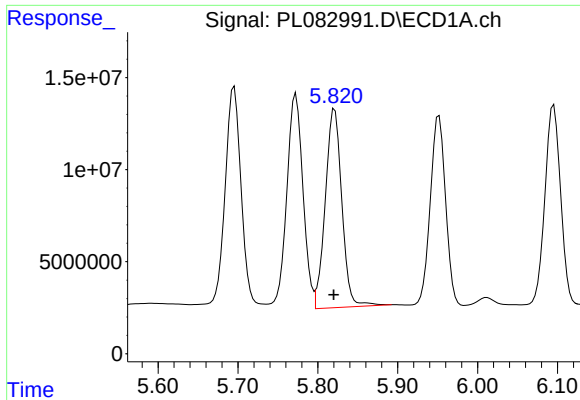
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.002 min
Response: 157063661
Conc: 49.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: -0.004 min
Response: 136500175
Conc: 45.99 ng/ml



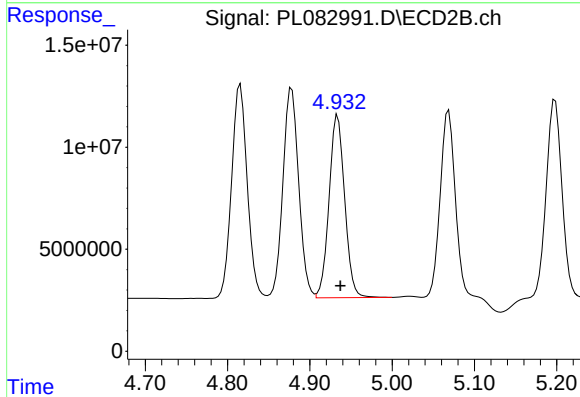
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: 0.001 min
Response: 155144489
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

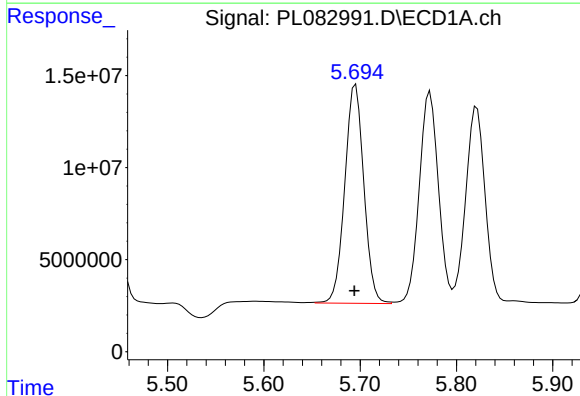
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Supervised By :Ankita Jodhani 05/26/2023



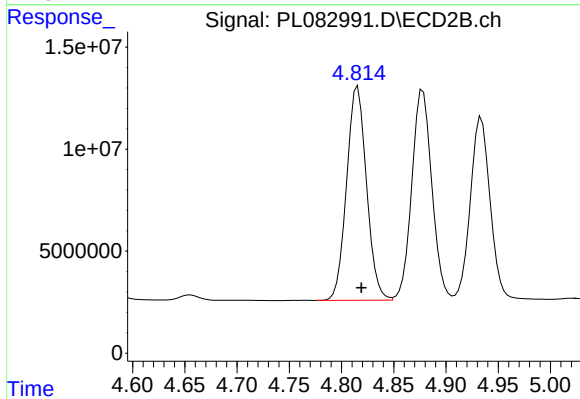
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: -0.003 min
Response: 117860796
Conc: 42.18 ng/ml



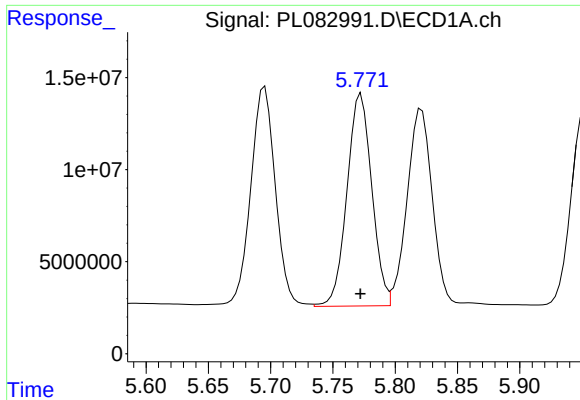
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 162833903
Conc: 51.25 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.004 min
Response: 138988127
Conc: 46.28 ng/ml



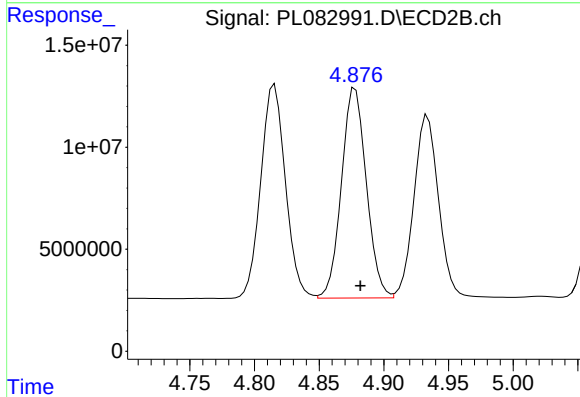
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 161781508
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

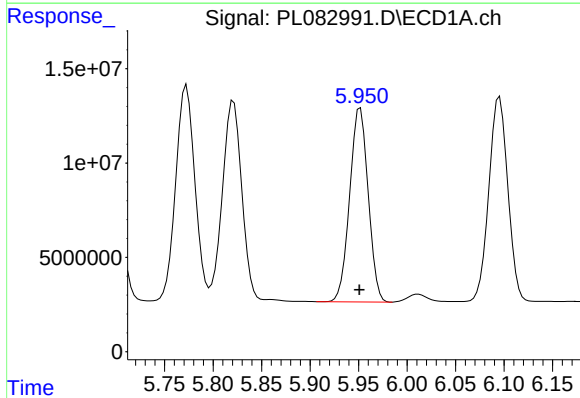
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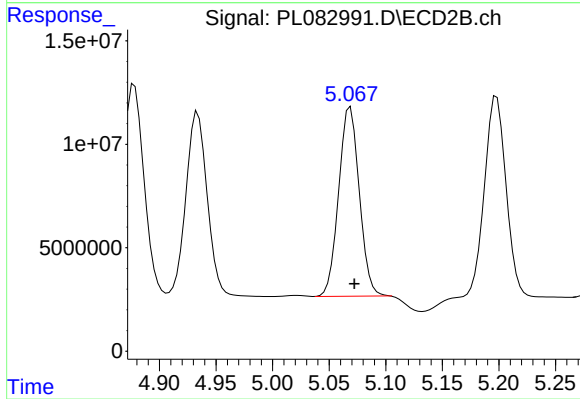
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: -0.004 min
Response: 137627748
Conc: 45.85 ng/ml



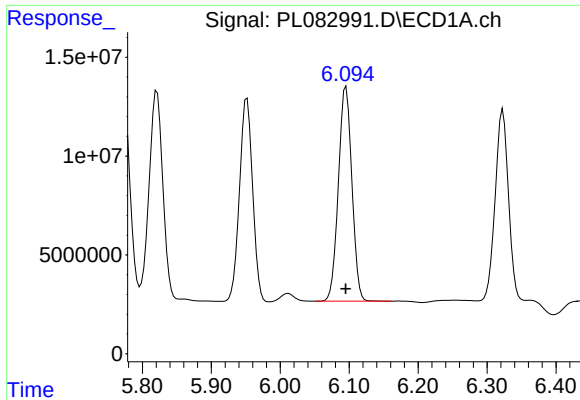
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 136466359
Conc: 49.51 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 116063536
Conc: 47.79 ng/ml m



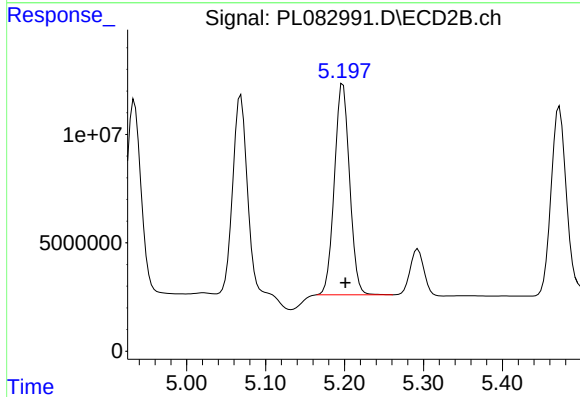
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 147734253
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

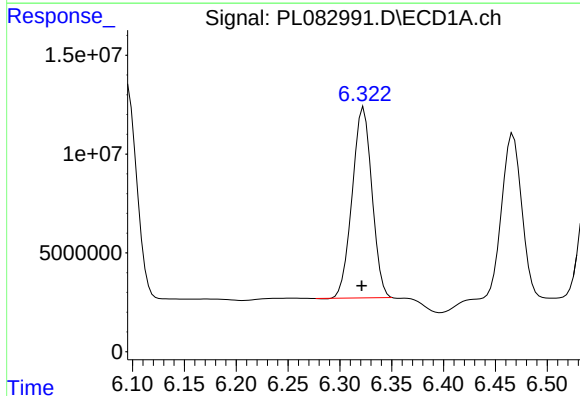
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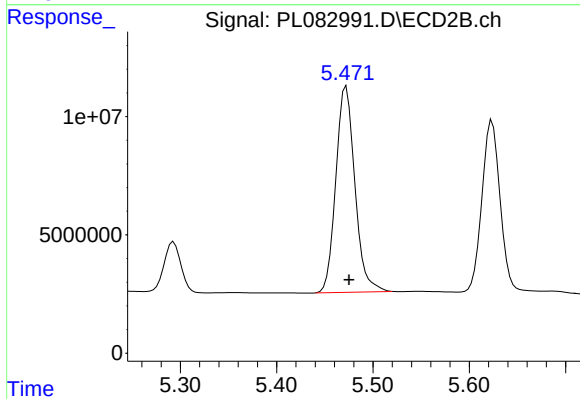
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 130064240
Conc: 46.07 ng/ml



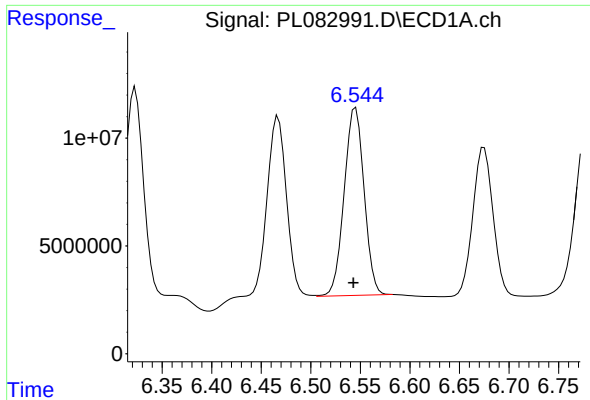
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.002 min
Response: 127804685
Conc: 47.56 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 119655861
Conc: 47.17 ng/ml



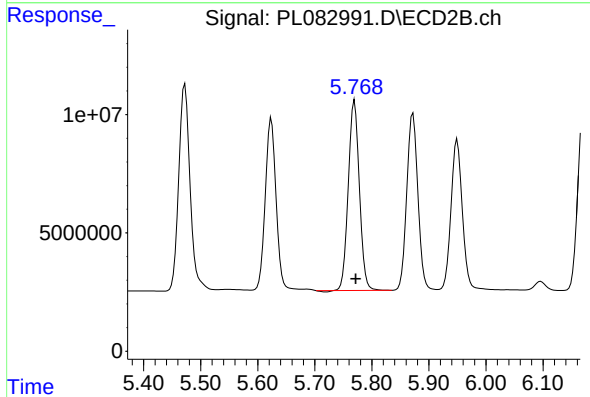
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 121840062
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

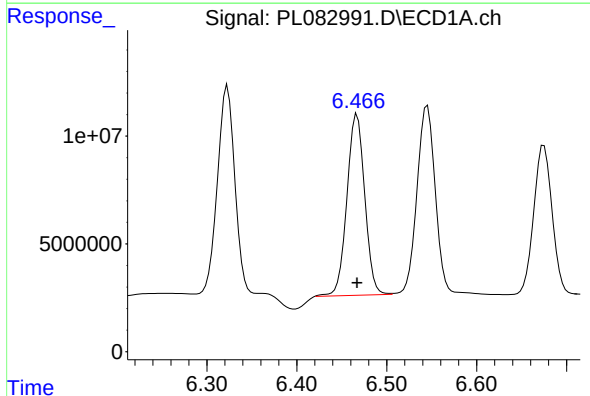
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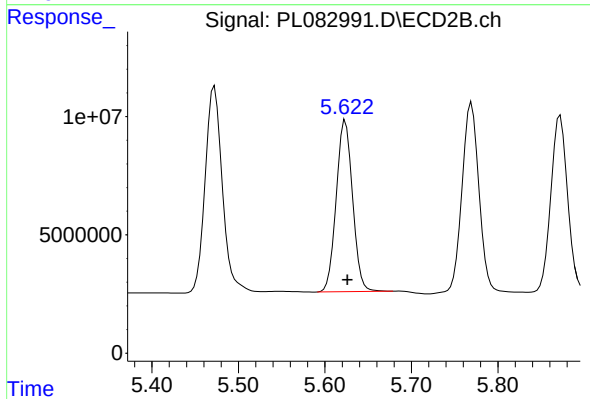
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 108577528
Conc: 43.88 ng/ml



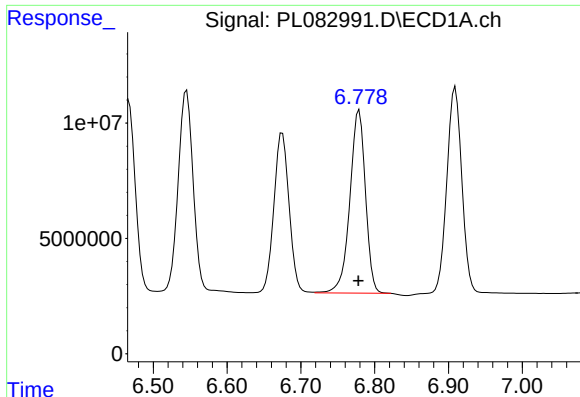
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 115628485
Conc: 53.21 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 94688284
Conc: 49.23 ng/ml



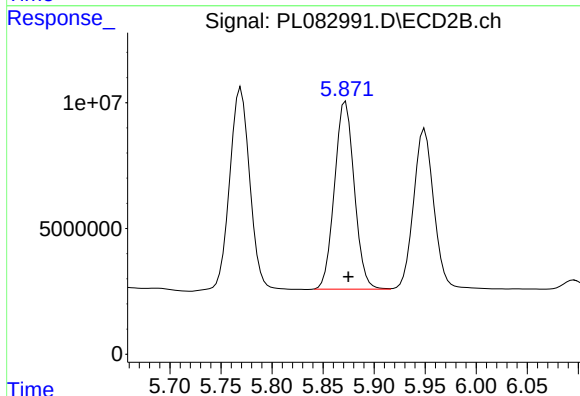
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.001 min
Response: 116501071
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

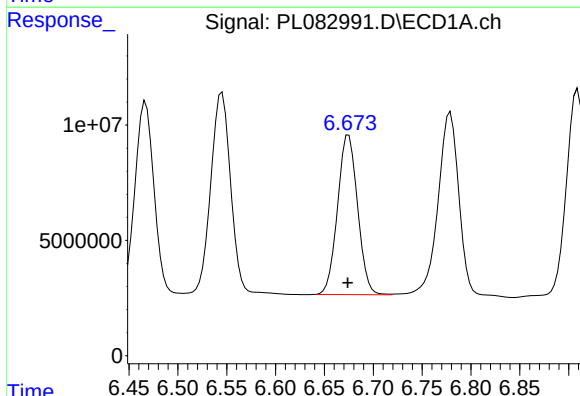
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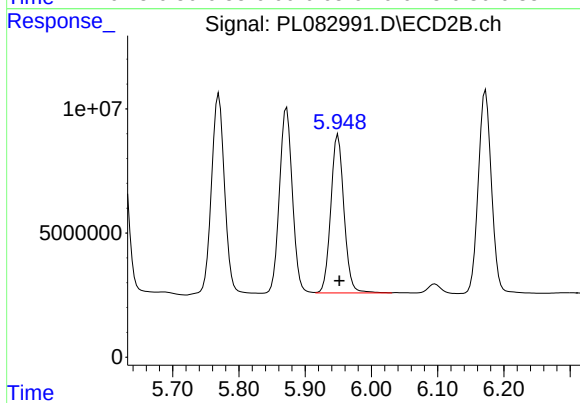
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 100670709
Conc: 45.12 ng/ml



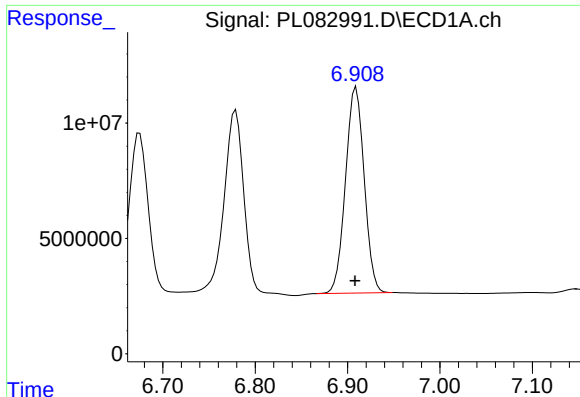
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 98893949
Conc: 49.19 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 88119120
Conc: 44.56 ng/ml



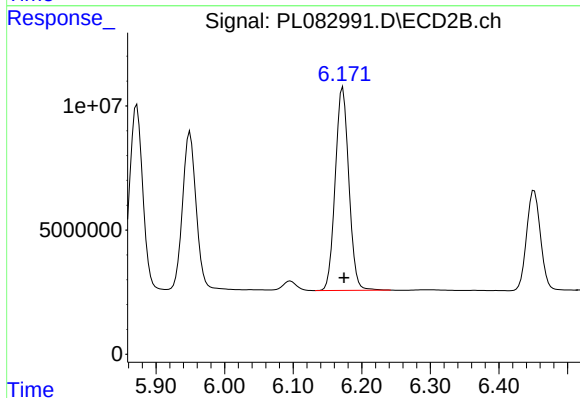
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 125517736
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

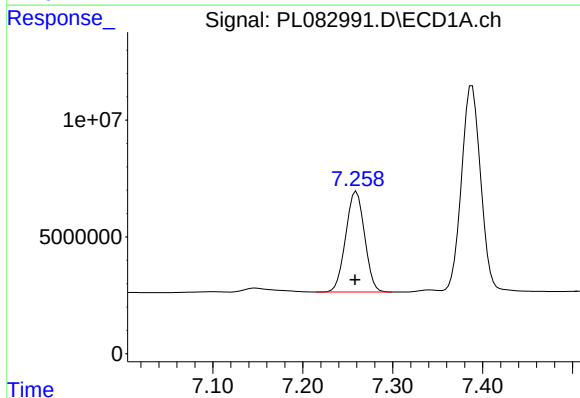
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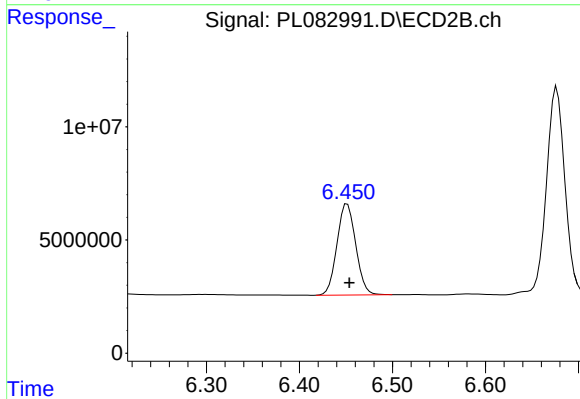
#19 Endosulfan Sulfate

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 112632524
Conc: 45.99 ng/ml



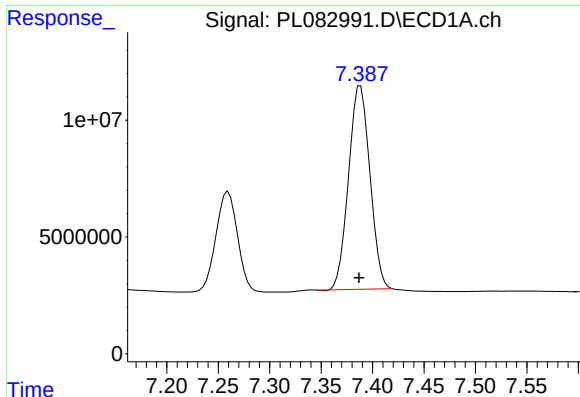
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.002 min
Response: 62869368
Conc: 47.54 ng/ml



#20 Methoxychlor

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 56541626
Conc: 44.46 ng/ml



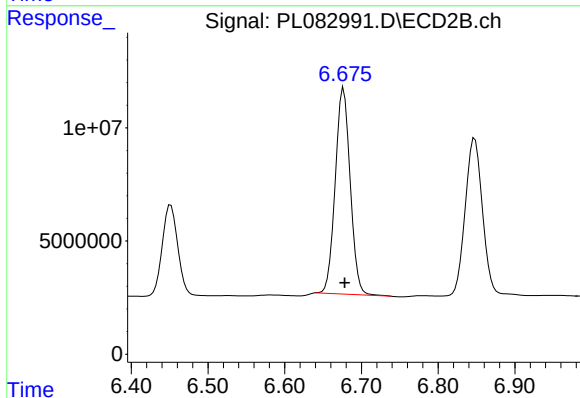
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: 0.001 min
Response: 126040987
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

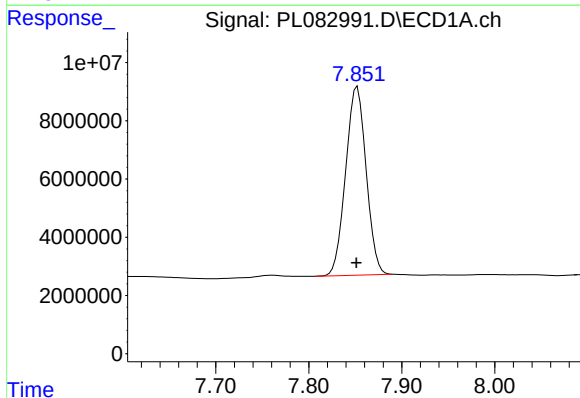
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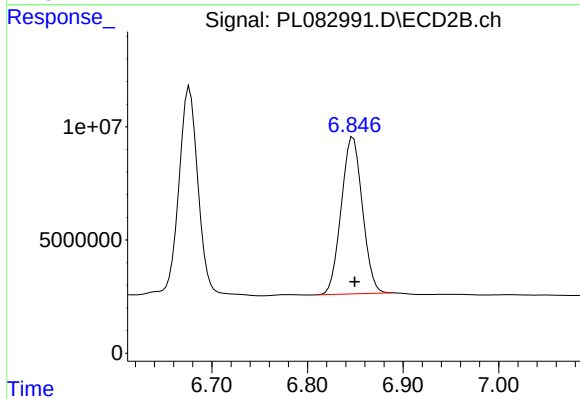
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 123238351
Conc: 45.58 ng/ml



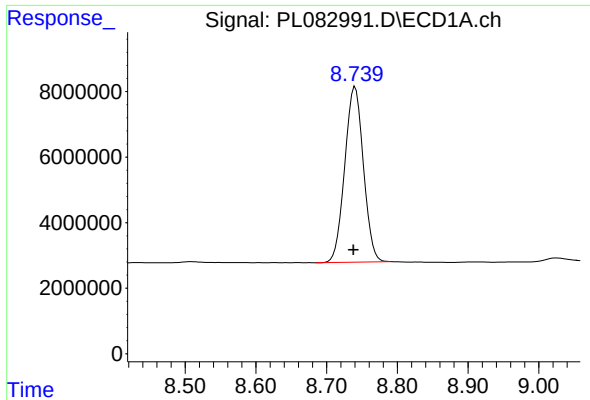
#22 Mirex

R.T.: 7.852 min
Delta R.T.: 0.001 min
Response: 99223876
Conc: 47.34 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 106908252
Conc: 45.69 ng/ml



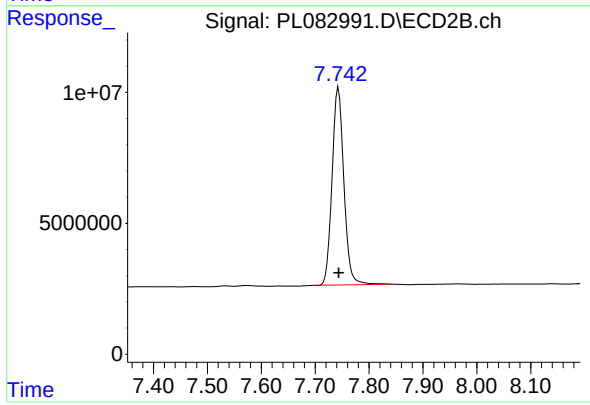
#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: 0.002 min
Response: 98136375
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 115104331
Conc: 46.29 ng/ml