

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
 Data File : PL085437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 17:15
 Operator : AR\AJ
 Sample : PB155712BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB155712BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/21/2023
 Supervised By : Ankita Jodhani 09/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:20:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 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...	3.414	2.650	55655396	24537298	16.711	16.130
28)	SA Decachlor...	8.947	7.826	62836688	35819915	18.461	18.296
Target Compounds							
2)	A alpha-BHC	3.871	3.153	270.9E6	124.4E6	54.963	53.370
3)	MA gamma-BHC...	4.204	3.483	255.0E6	118.4E6	52.160	51.382
4)	MA Heptachlor	4.794	3.822	263.1E6	120.9E6	57.085	56.210
5)	MB Aldrin	5.135	4.101	253.4E6	119.5E6	52.353	51.072
6)	B beta-BHC	4.405	3.785	106.6E6	49727031	51.197	51.743
7)	B delta-BHC	4.650	4.013	256.6E6	121.5E6	53.796	52.609
8)	B Heptachlo...	5.565	4.607	233.3E6	109.6E6	54.362	52.998
9)	A Endosulfan I	5.951	4.976	220.6E6	106.6E6	53.522	52.199
10)	B gamma-Chl...	5.823	4.860	236.3E6	114.0E6	53.879	53.770
11)	B alpha-Chl...	5.903	4.924	232.4E6	113.7E6	52.866	52.235
12)	B 4,4'-DDE	6.085	5.123	215.2E6	108.6E6	53.953	53.669
13)	MA Dieldrin	6.228	5.243	227.6E6	114.5E6	52.460	52.372
14)	MA Endrin	6.458	5.518	196.6E6	103.0E6	54.782	54.976
15)	B Endosulfa...	6.680	5.817	191.3E6	97547290	48.348	49.745
16)	A 4,4'-DDD	6.605	5.681	175.8E6	92213328	53.954	53.610
17)	MA 4,4'-DDT	6.920	5.933	195.6E6	100.1E6	54.481	54.919
18)	B Endrin al...	6.810	5.999	150.1E6	80277155	51.539m	50.667
19)	B Endosulfa...	7.048	6.224	192.3E6	100.7E6	52.604	53.533
20)	A Methoxychlor	7.406	6.519	108.4E6	54317660	49.480	51.205
21)	B Endrin ke...	7.531	6.728	208.5E6	124.7E6	51.367	49.955
22)	Mirex	8.005	6.906	161.5E6	91621169	50.804	50.396

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
Data File : PL085437.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2023 17:15
Operator : AR\AJ
Sample : PB155712BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

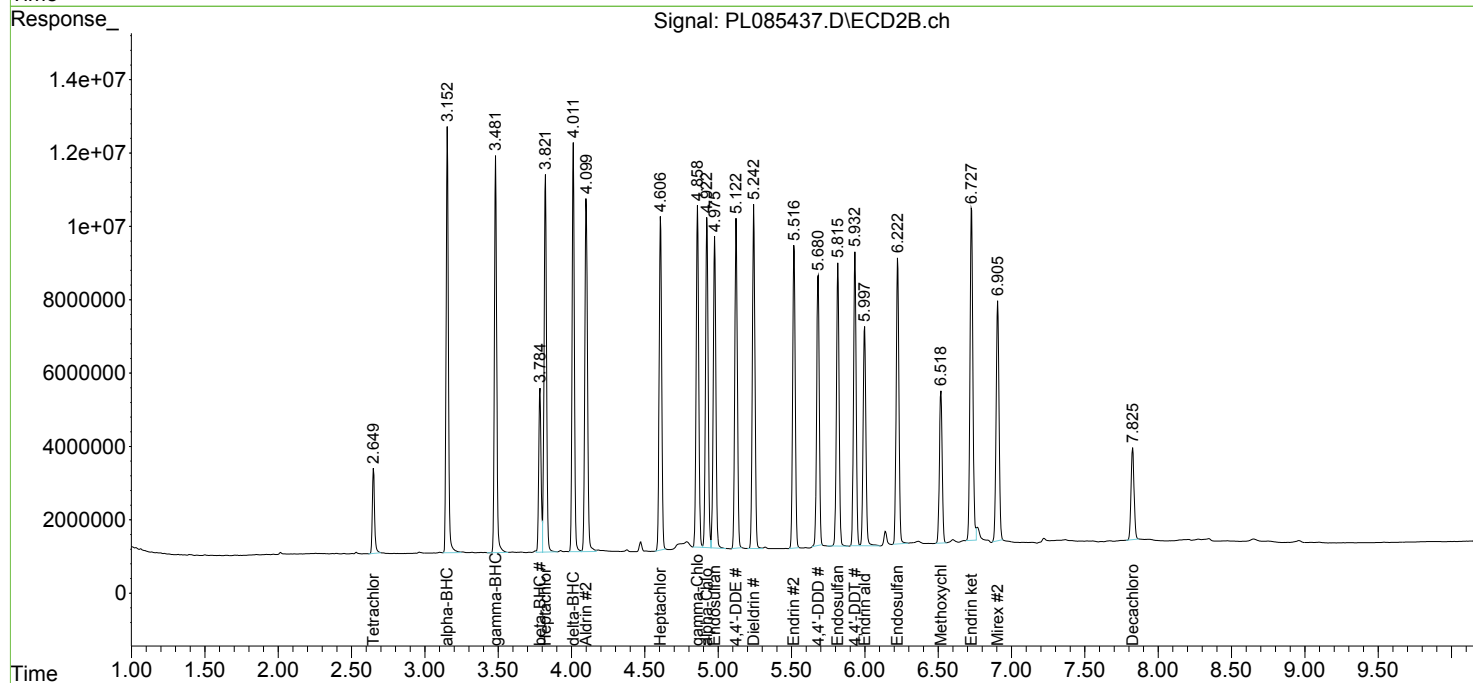
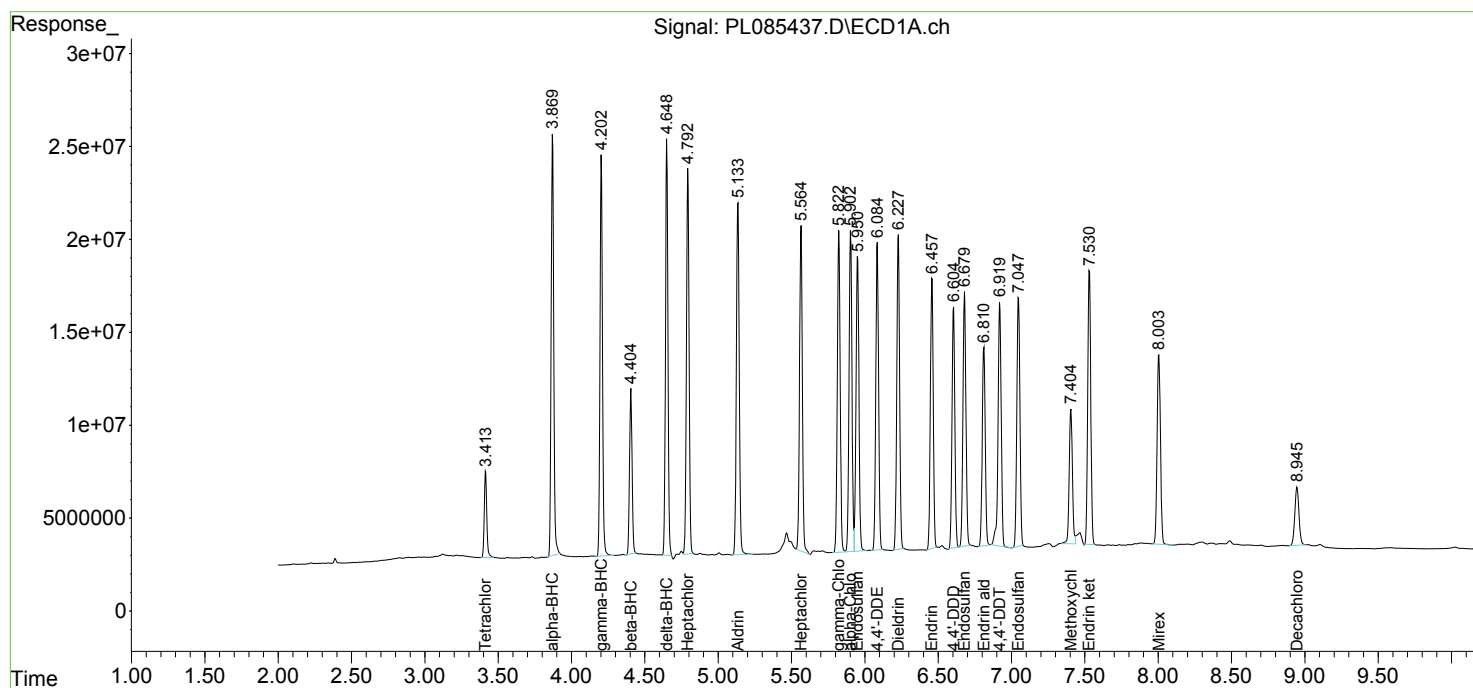
Instrument :
ECD_L
ClientSampleId :
PB155712BS

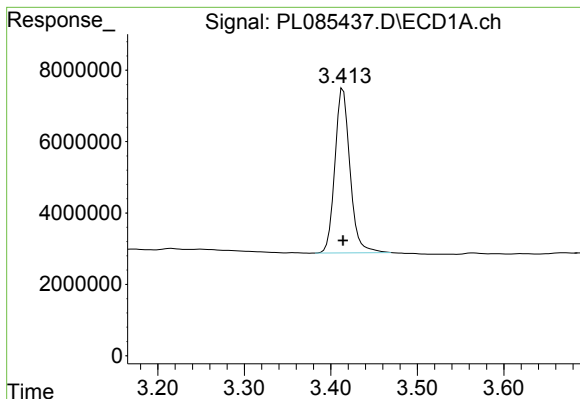
Manual Integrations
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Supervised By : Ankita Jodhani 09/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 00:20:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
Quant Title : GC Extractables
QLast Update : Wed Sep 20 10:25:09 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





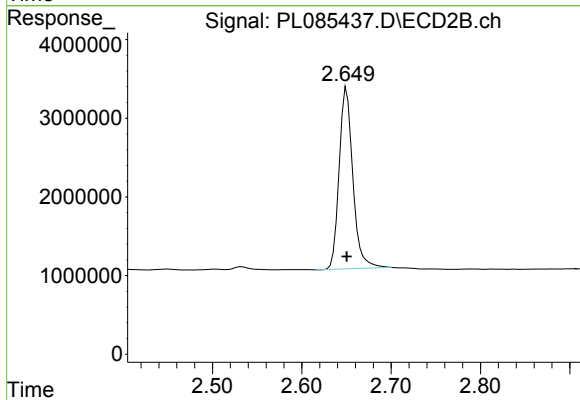
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 55655396
Conc: 16.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

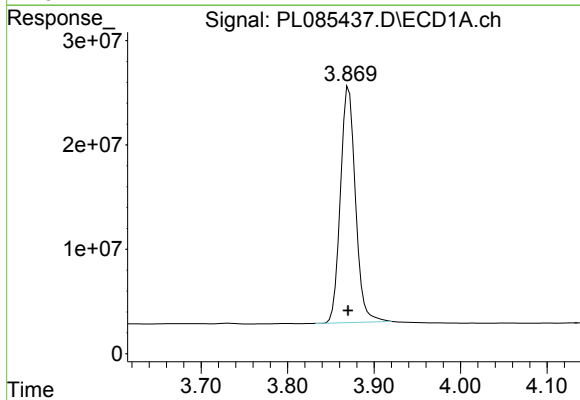
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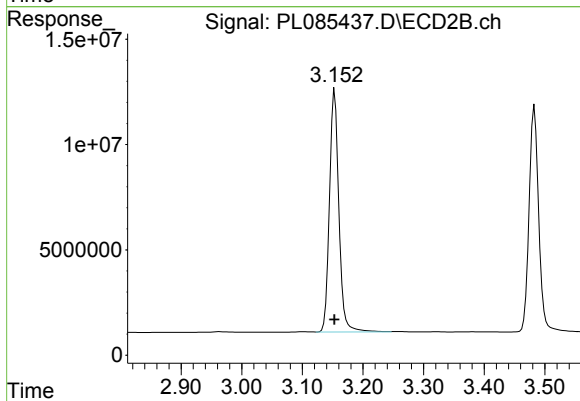
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.000 min
Response: 24537298
Conc: 16.13 ng/ml



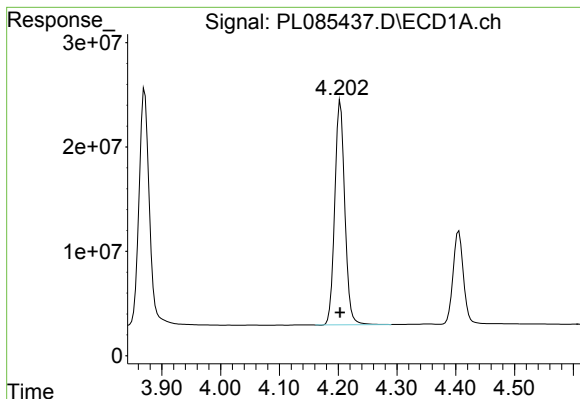
#2 alpha-BHC

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 270867484
Conc: 54.96 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 124356639
Conc: 53.37 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 254951486
Conc: 52.16 ng/ml

Instrument :

ECD_L

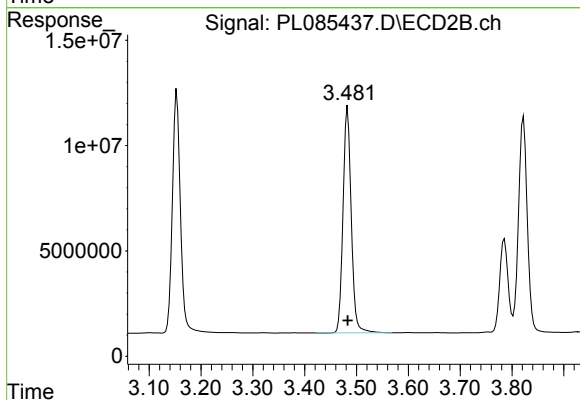
ClientSampleId :

PB155712BS

Manual Integrations

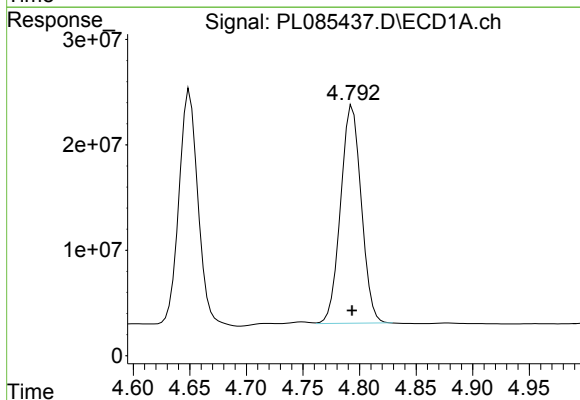
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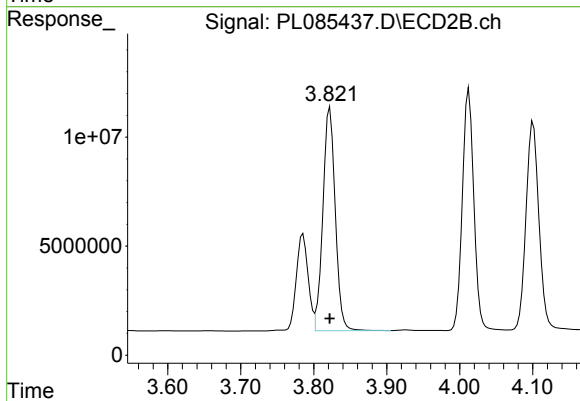
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 118360126
Conc: 51.38 ng/ml



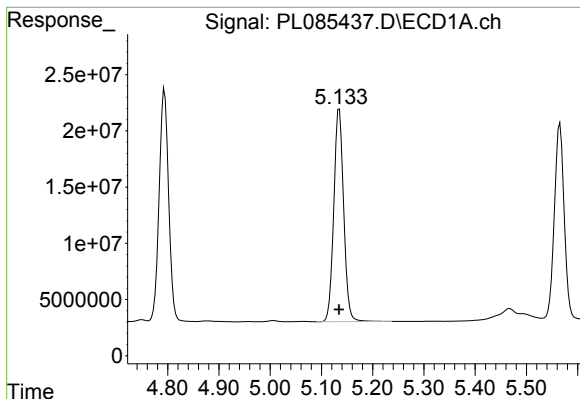
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 263110565
Conc: 57.08 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 120884128
Conc: 56.21 ng/ml



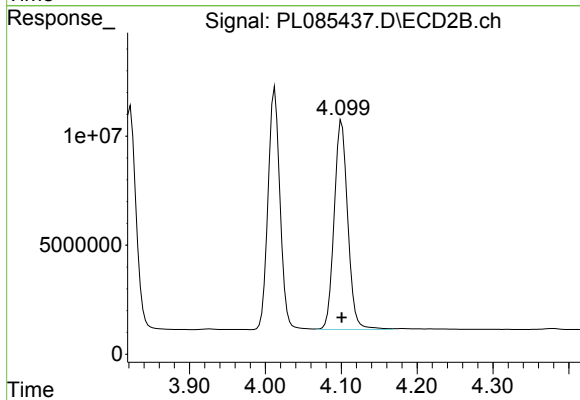
#5 Aldrin

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 253428380
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

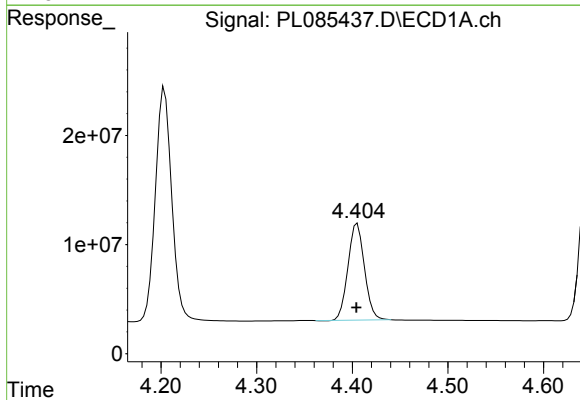
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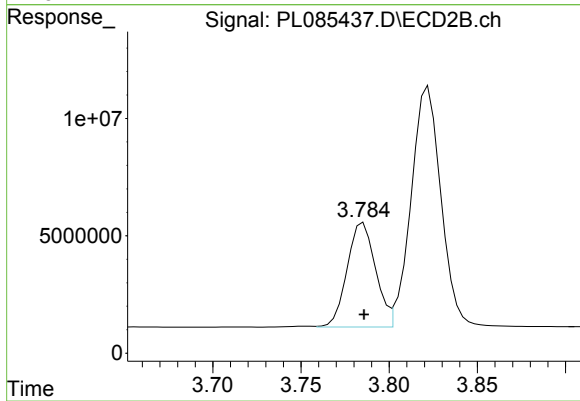
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 119468692
Conc: 51.07 ng/ml



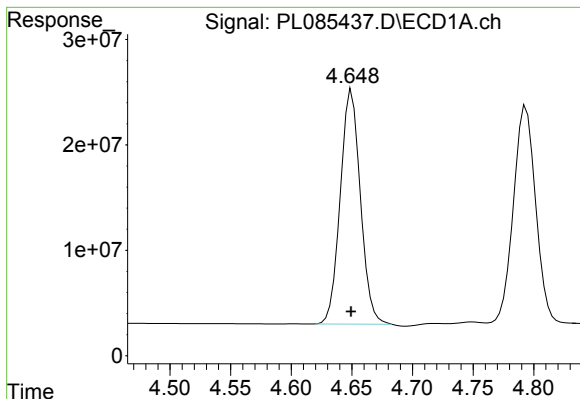
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: 0.000 min
Response: 106607538
Conc: 51.20 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 49727031
Conc: 51.74 ng/ml



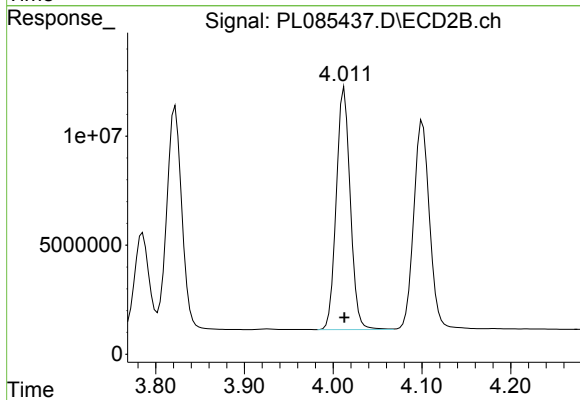
#7 delta-BHC

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 256600899
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

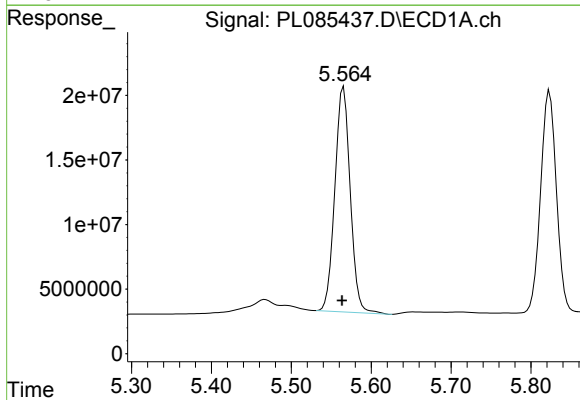
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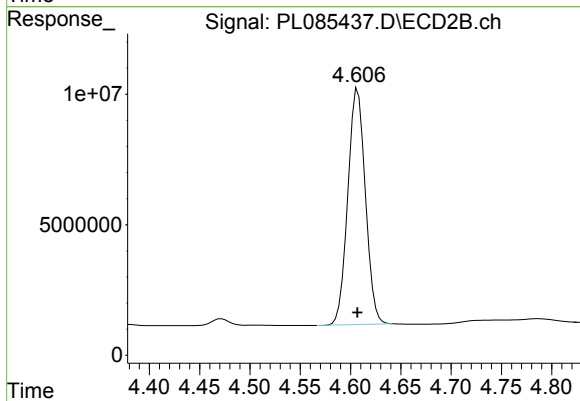
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 121480110
Conc: 52.61 ng/ml



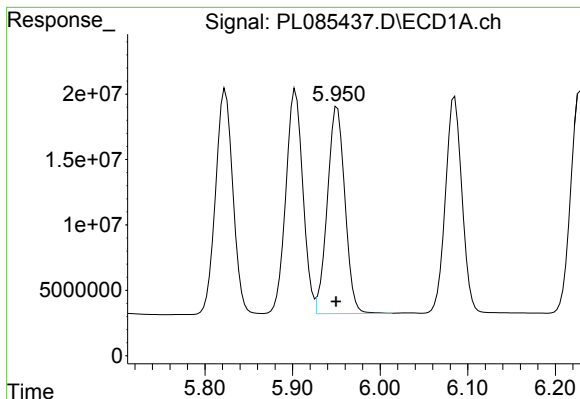
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: 0.002 min
Response: 233260606
Conc: 54.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 109576825
Conc: 53.00 ng/ml



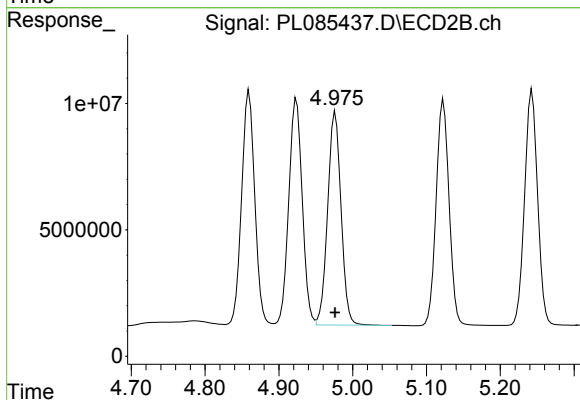
#9 Endosulfan I

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 220616154
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

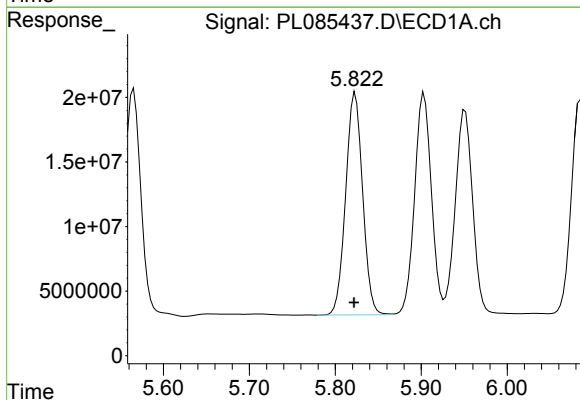
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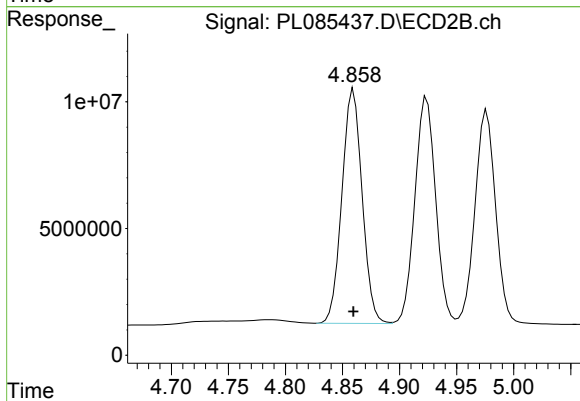
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 106607843
Conc: 52.20 ng/ml



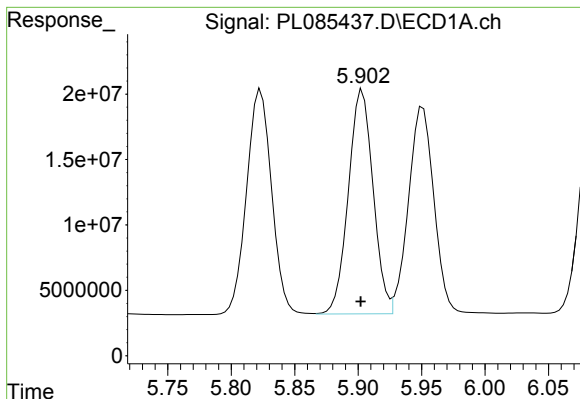
#10 gamma-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.001 min
Response: 236304734
Conc: 53.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 114034717
Conc: 53.77 ng/ml



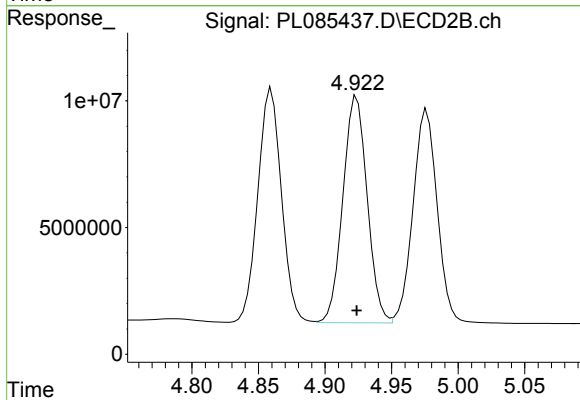
#11 alpha-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.001 min
Response: 232389461
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

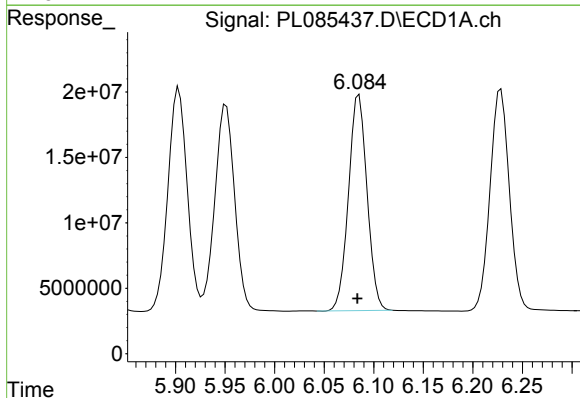
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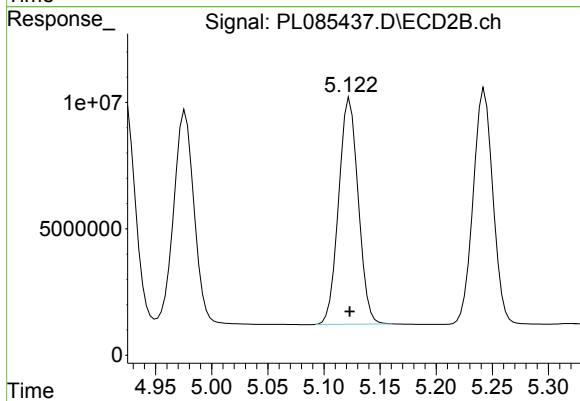
#11 alpha-Chlordane

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 113707333
Conc: 52.23 ng/ml



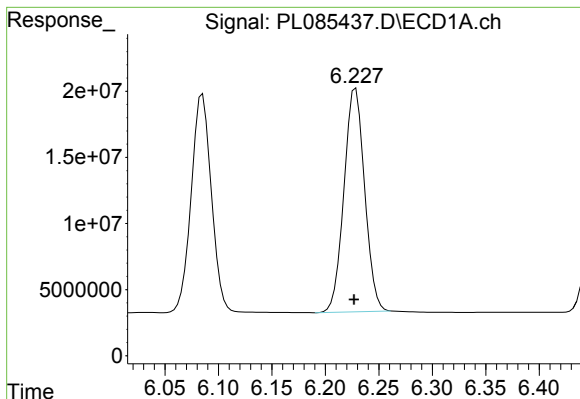
#12 4,4'-DDE

R.T.: 6.085 min
Delta R.T.: 0.002 min
Response: 215247452
Conc: 53.95 ng/ml



#12 4,4'-DDE

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 108629752
Conc: 53.67 ng/ml



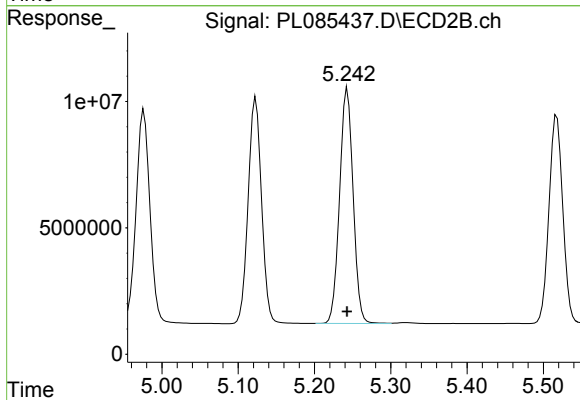
#13 Dieldrin

R.T.: 6.228 min
Delta R.T.: 0.002 min
Response: 227560019
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

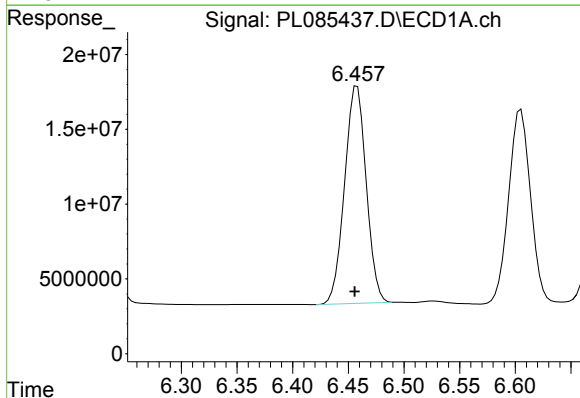
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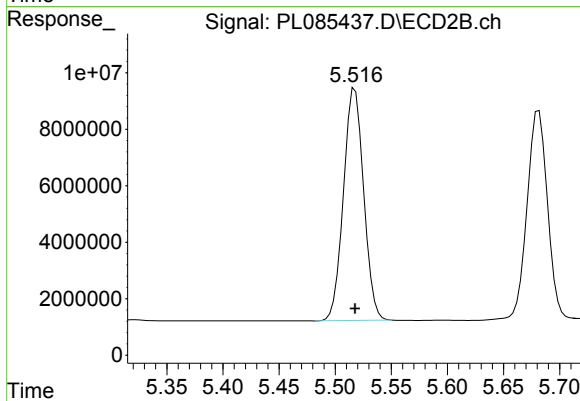
#13 Dieldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 114543620
Conc: 52.37 ng/ml



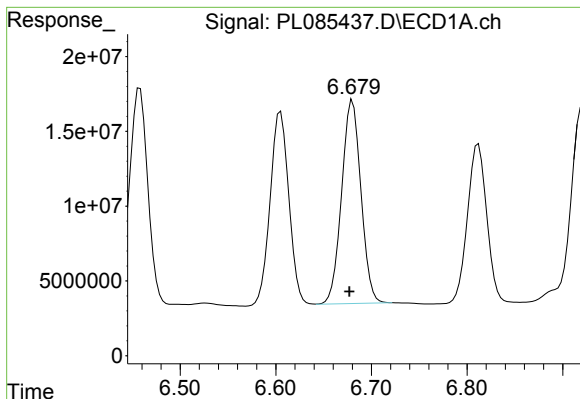
#14 Endrin

R.T.: 6.458 min
Delta R.T.: 0.002 min
Response: 196560484
Conc: 54.78 ng/ml



#14 Endrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 102985985
Conc: 54.98 ng/ml



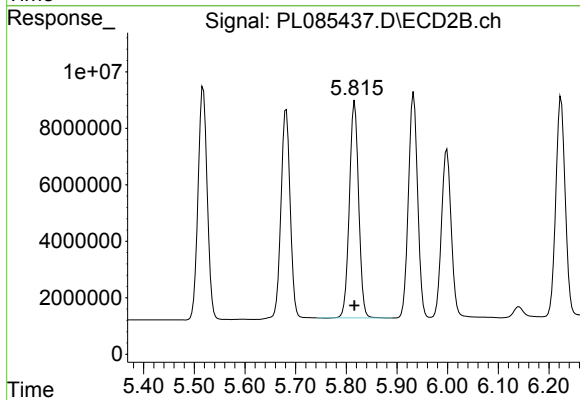
#15 Endosulfan II

R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 191294009
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

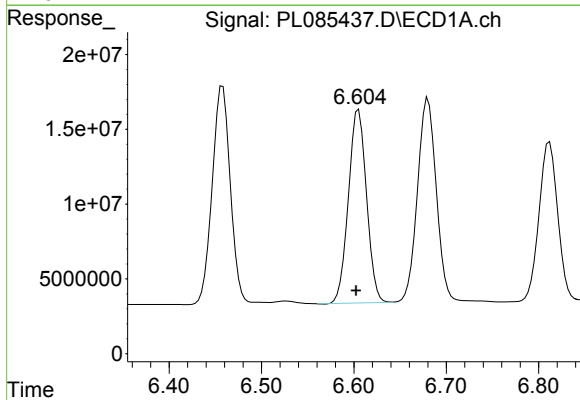
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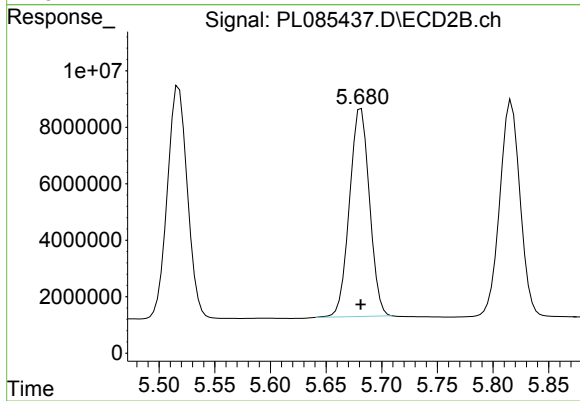
#15 Endosulfan II

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 97547290
Conc: 49.75 ng/ml



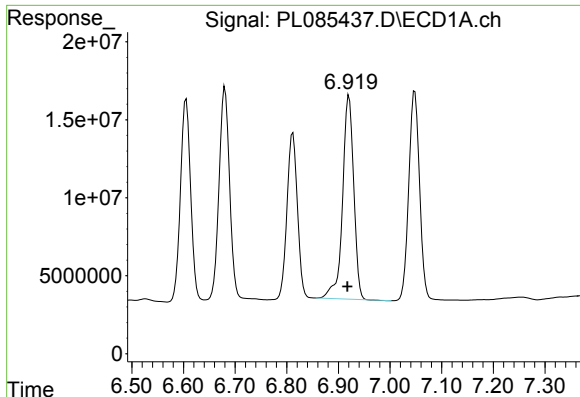
#16 4,4'-DDD

R.T.: 6.605 min
Delta R.T.: 0.003 min
Response: 175799713
Conc: 53.95 ng/ml



#16 4,4'-DDD

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 92213328
Conc: 53.61 ng/ml



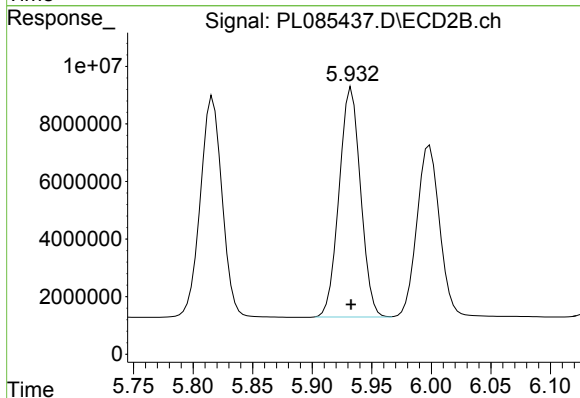
#17 4,4'-DDT

R.T.: 6.920 min
Delta R.T.: 0.003 min
Response: 195593020
Conc: 54.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

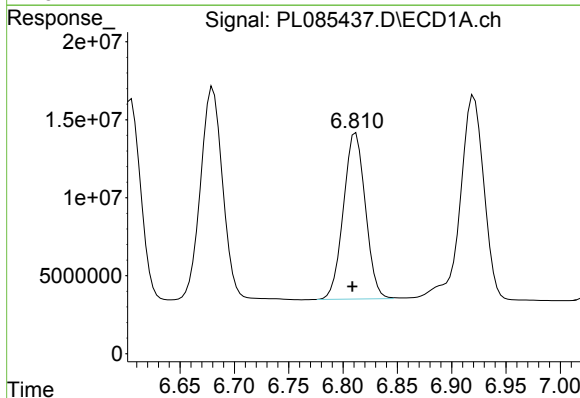
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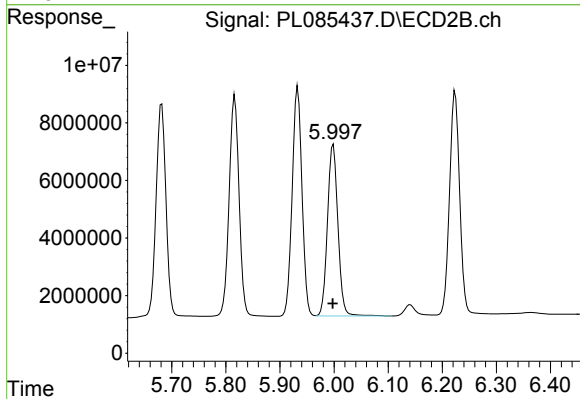
#17 4,4'-DDT

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 100062758
Conc: 54.92 ng/ml



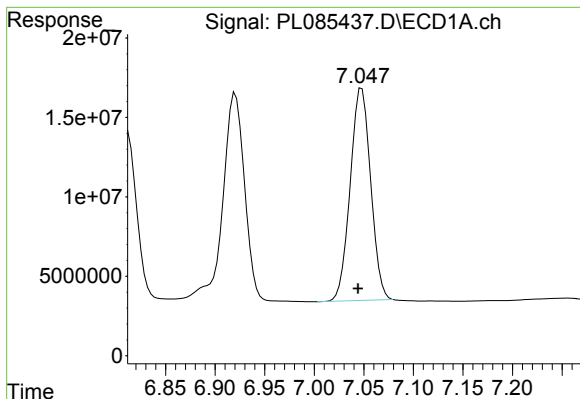
#18 Endrin aldehyde

R.T.: 6.810 min
Delta R.T.: 0.002 min
Response: 150102664
Conc: 51.54 ng/ml m



#18 Endrin aldehyde

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 80277155
Conc: 50.67 ng/ml



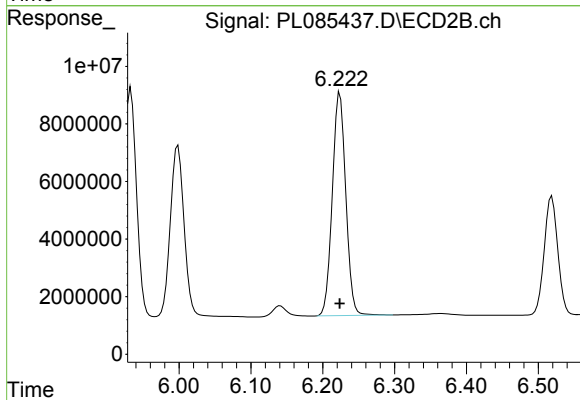
#19 Endosulfan Sulfate

R.T.: 7.048 min
Delta R.T.: 0.004 min
Response: 192338472
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

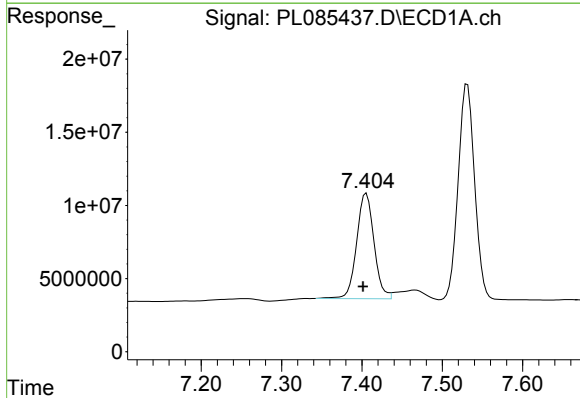
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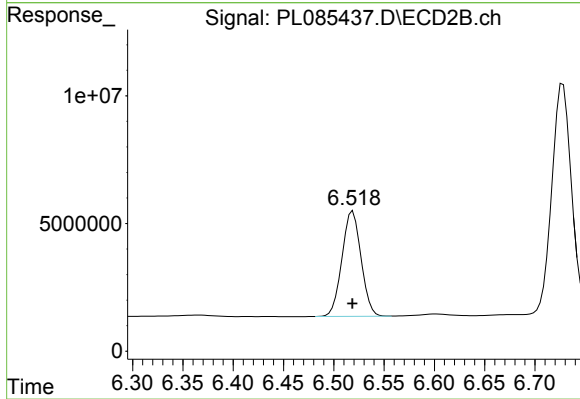
#19 Endosulfan Sulfate

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 100678426
Conc: 53.53 ng/ml



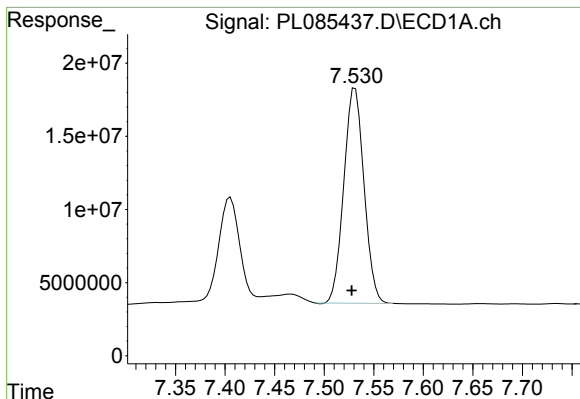
#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: 0.004 min
Response: 108438813
Conc: 49.48 ng/ml



#20 Methoxychlor

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 54317660
Conc: 51.21 ng/ml



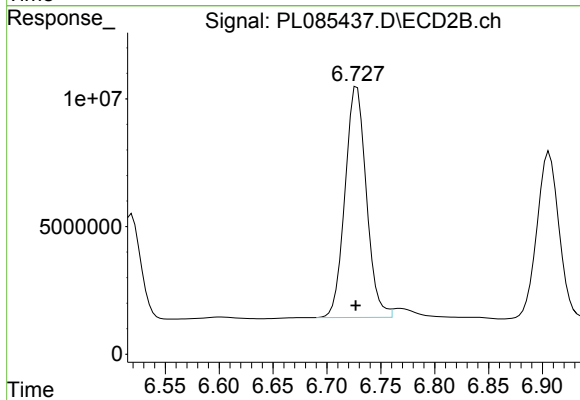
#21 Endrin ketone

R.T.: 7.531 min
Delta R.T.: 0.003 min
Response: 208520525
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

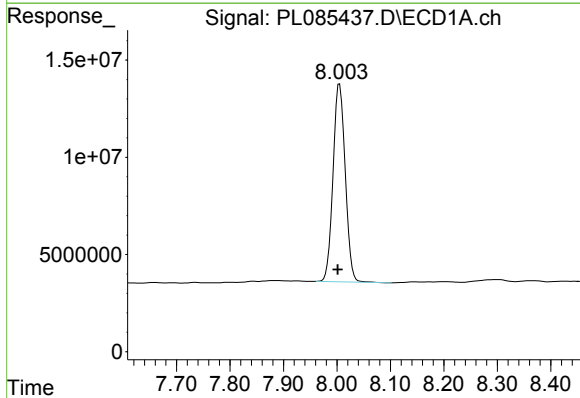
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Supervised By :Ankita Jodhani 09/21/2023



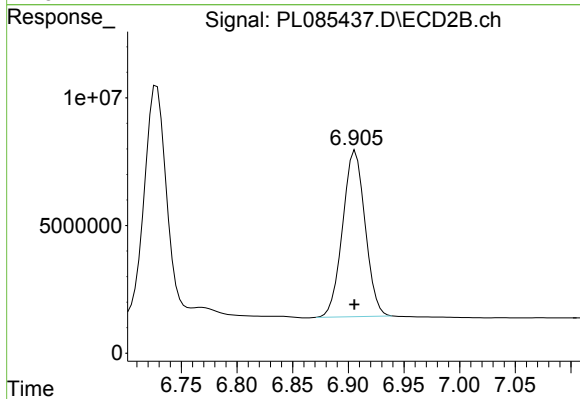
#21 Endrin ketone

R.T.: 6.728 min
Delta R.T.: 0.001 min
Response: 124737040
Conc: 49.95 ng/ml



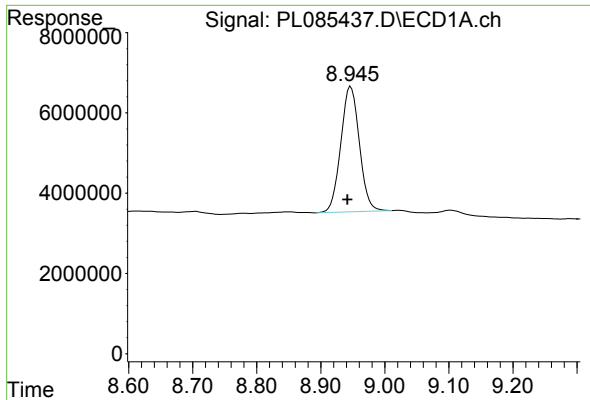
#22 Mirex

R.T.: 8.005 min
Delta R.T.: 0.003 min
Response: 161504460
Conc: 50.80 ng/ml



#22 Mirex

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 91621169
Conc: 50.40 ng/ml



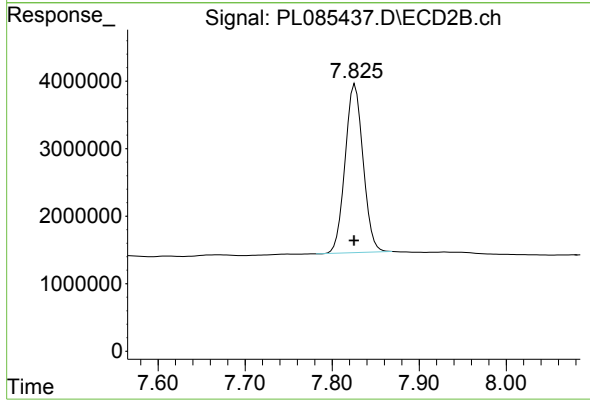
#28 Decachlorobiphenyl

R.T.: 8.947 min
Delta R.T.: 0.005 min
Response: 62836688
Conc: 18.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB155712BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/21/2023
Supervised By :Ankita Jodhani 09/21/2023



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 35819915
Conc: 18.30 ng/ml