

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120123\
 Data File : PL086907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2023 13:49
 Operator : AR\AJ
 Sample : PB157472BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157472BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 21:53:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.342	2.610	61644594	16987011	19.281	18.678
28)	SA Decachlor...	8.842	7.759	57520610	23292054	21.546	21.125
Target Compounds							
2)	A alpha-BHC	3.796	3.108	245.2E6	65770681	52.962	51.791
3)	MA gamma-BHC...	4.127	3.435	227.5E6	62682377	52.006	51.302
4)	MA Heptachlor	4.715	3.770	230.3E6	65887664	58.038	56.428
5)	MB Aldrin	5.054	4.046	222.9E6	62436189	52.817	51.154
6)	B beta-BHC	4.332	3.737	96573851	27274372	51.626	51.550
7)	B delta-BHC	4.575	3.962	214.4E6	59648236	50.503	51.078
8)	B Heptachlo...	5.485	4.551	200.6E6	59500337	56.634	52.268
9)	A Endosulfan I	5.869	4.919	191.7E6	58591498	53.197	45.680
10)	B gamma-Chl...	5.743	4.803	206.2E6	60398490	54.830	52.690
11)	B alpha-Chl...	5.823	4.867	205.1E6	61454444	54.487	46.213
12)	B 4,4'-DDE	6.007	5.067	168.5E6	49797259	55.732	54.241
13)	MA Dieldrin	6.147	5.185	191.6E6	57647664	55.197	53.829
14)	MA Endrin	6.375	5.459	155.5E6	49807859	60.334	59.097
15)	B Endosulfa...	6.599	5.757	152.1E6	49299252	53.291	53.093
16)	A 4,4'-DDD	6.526	5.623	130.3E6	41685180	55.652	53.974
17)	MA 4,4'-DDT	6.841	5.873	146.6E6	46601327	57.114	57.785
18)	B Endrin al...	6.728	5.938	116.9E6	39215310	54.804m	56.133
19)	B Endosulfa...	6.966	6.163	157.8E6	51551454	55.257	54.332
20)	A Methoxychlor	7.327	6.458	75811835	28129986	57.412	54.651
21)	B Endrin ke...	7.448	6.665	161.9E6	60386729	54.161	52.902
22)	Mirex	7.920	6.840	134.7E6	52433153	52.679	50.520

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

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Acq On : 30 Nov 2023 13:49
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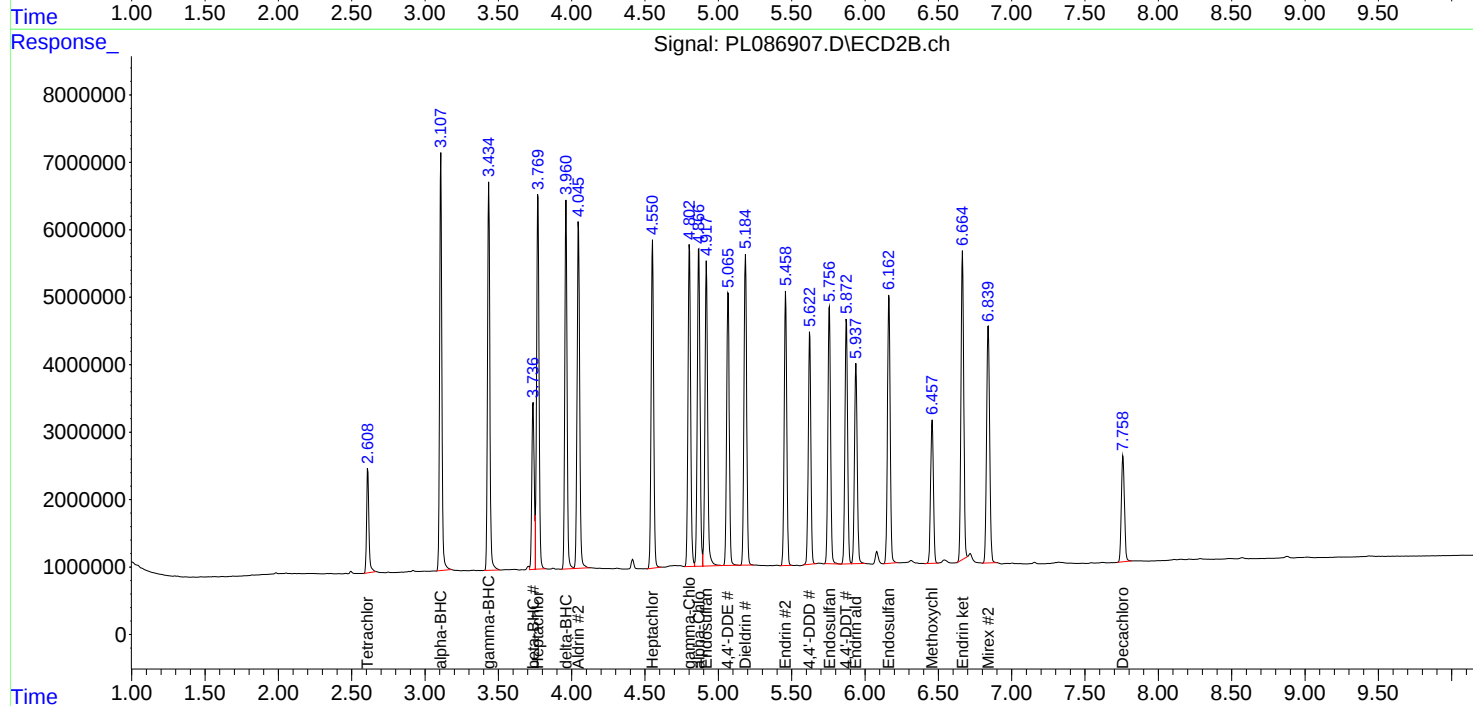
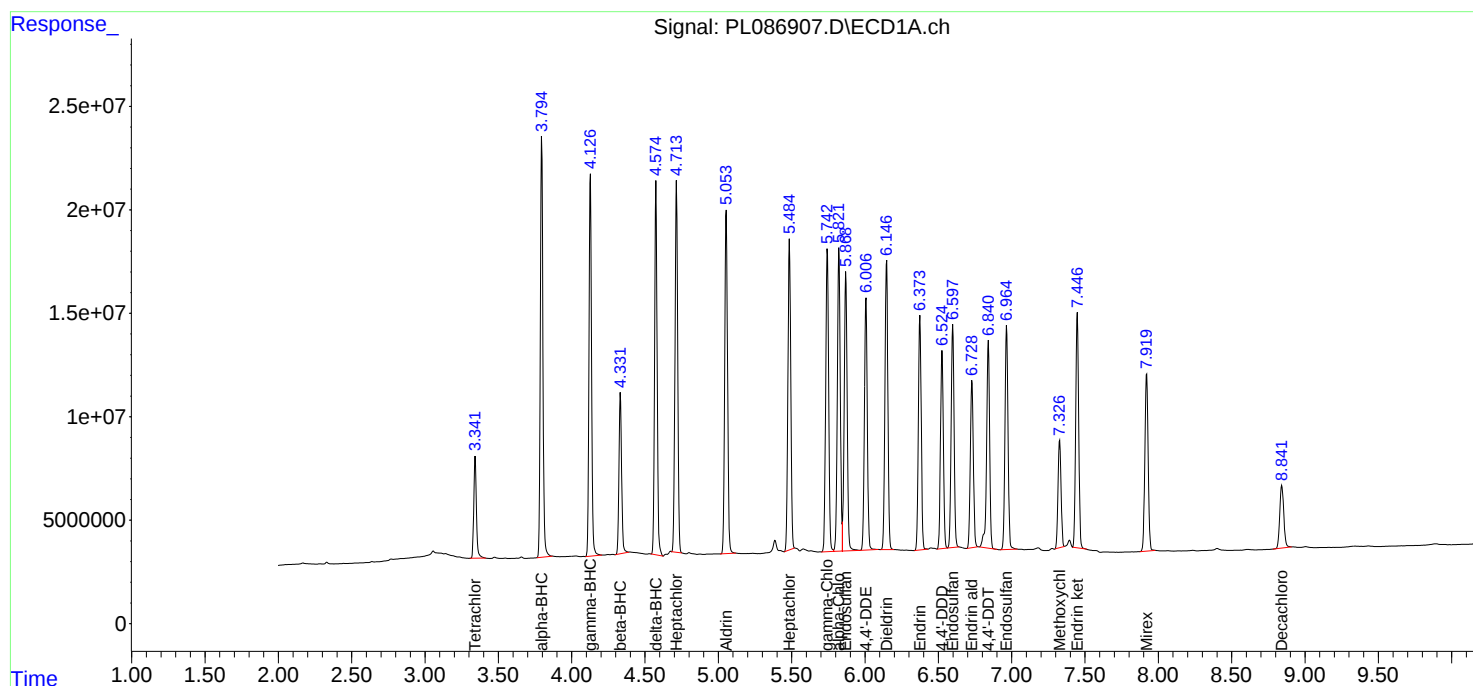
Manual Integrations

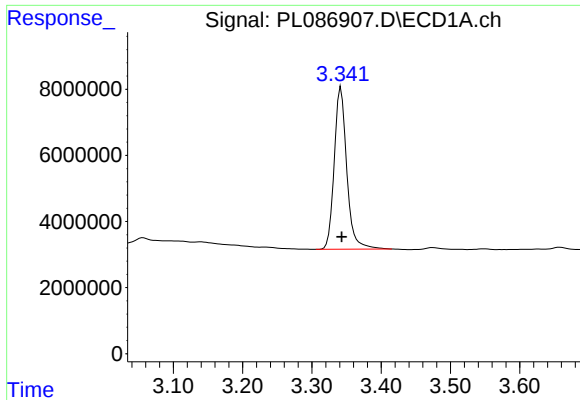
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Supervised By :Ankita Jodhani 12/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 30 21:53:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 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





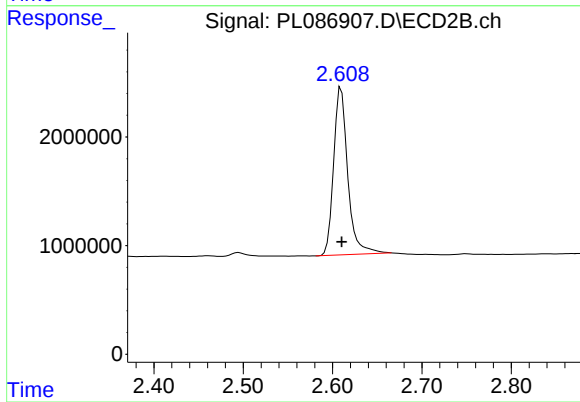
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: -0.001 min
Response: 61644594
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

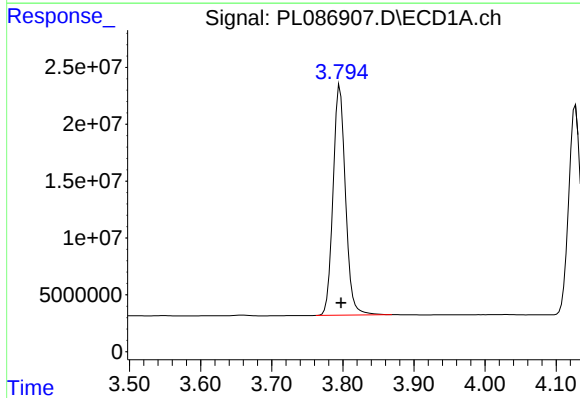
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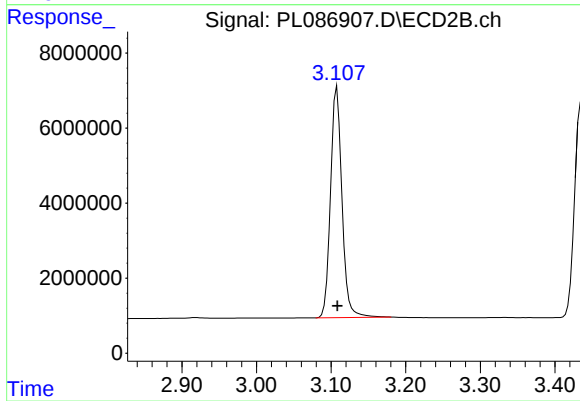
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 16987011
Conc: 18.68 ng/ml



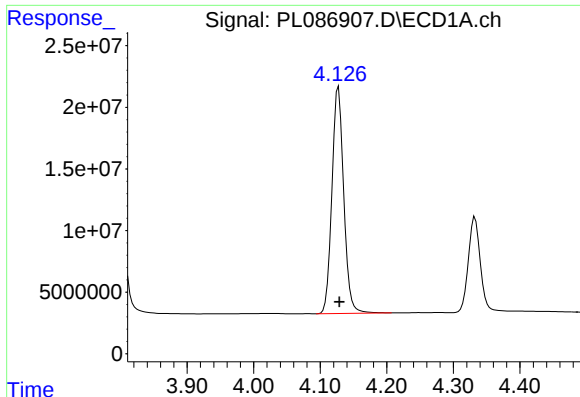
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 245217963
Conc: 52.96 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 65770681
Conc: 51.79 ng/ml



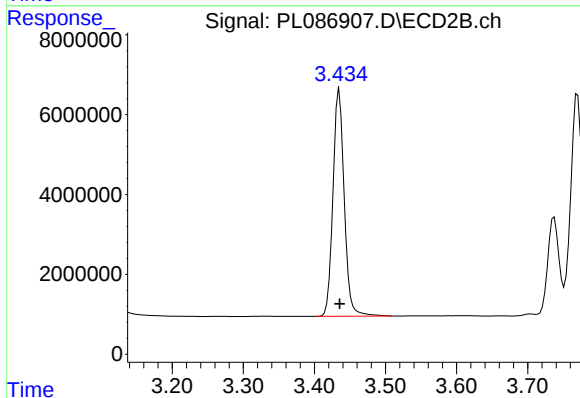
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.001 min
Response: 227517804
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

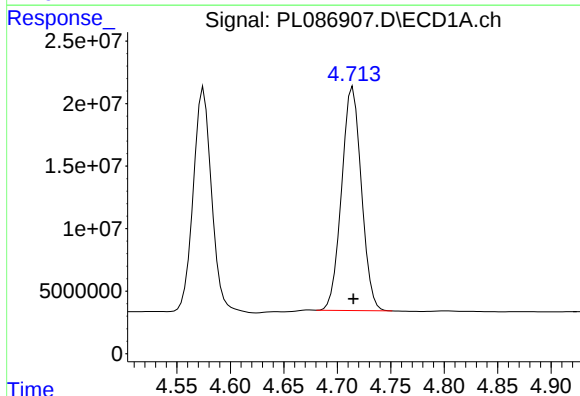
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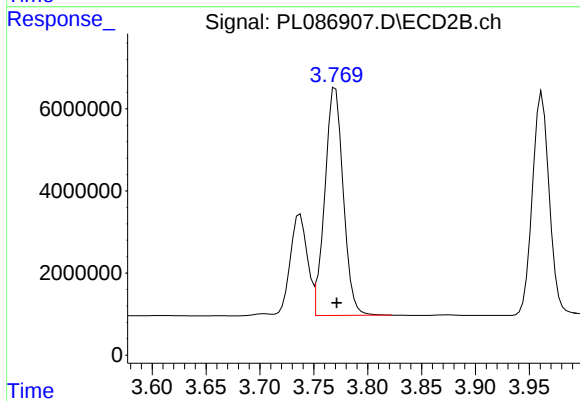
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 62682377
Conc: 51.30 ng/ml



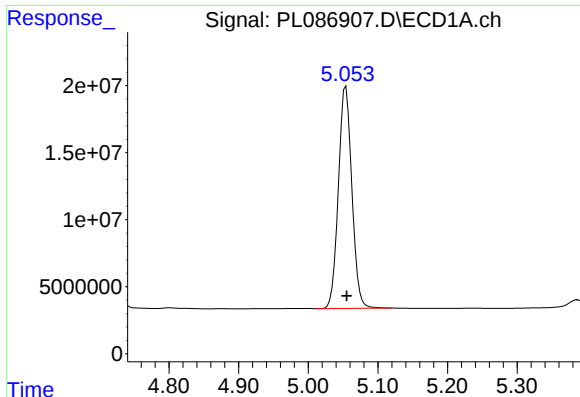
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 230337229
Conc: 58.04 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 65887664
Conc: 56.43 ng/ml



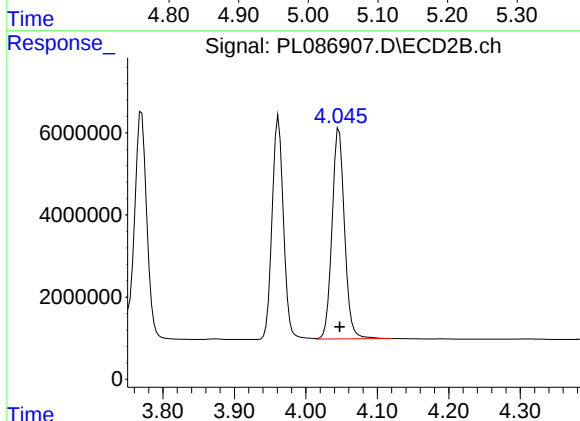
#5 Aldrin

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 222895227
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

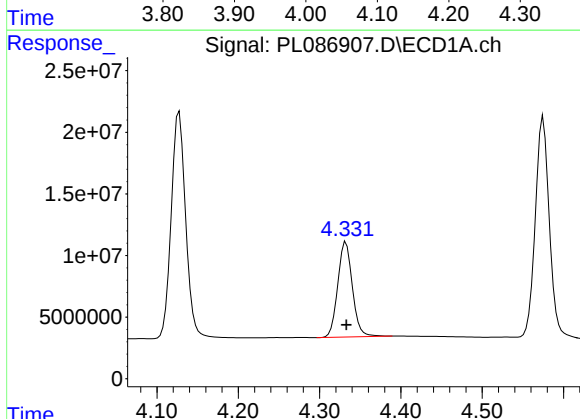
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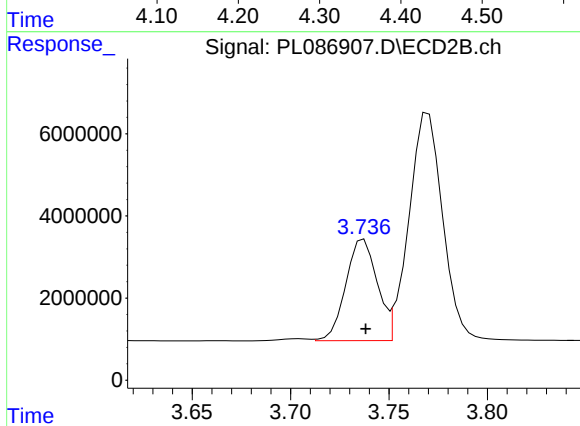
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 62436189
Conc: 51.15 ng/ml



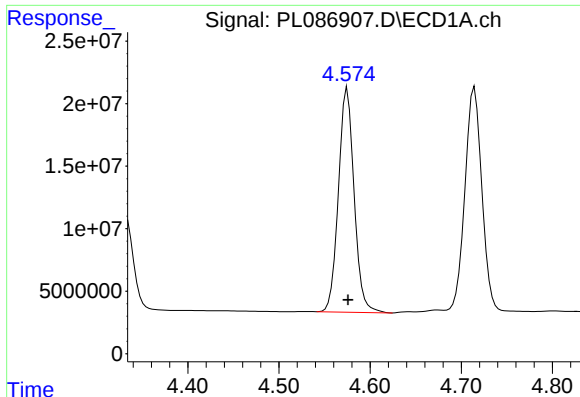
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 96573851
Conc: 51.63 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: 0.000 min
Response: 27274372
Conc: 51.55 ng/ml



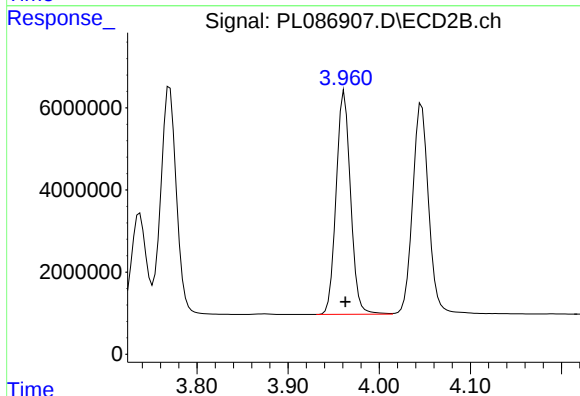
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 214394868
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

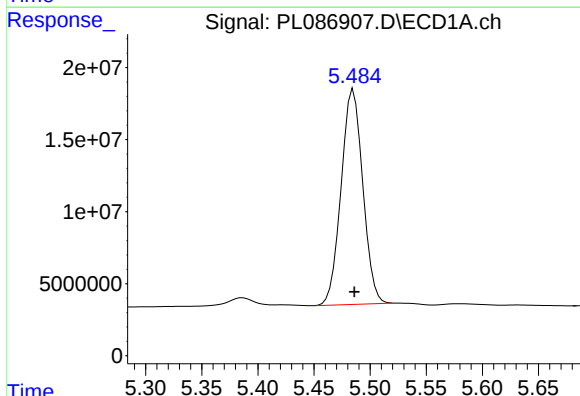
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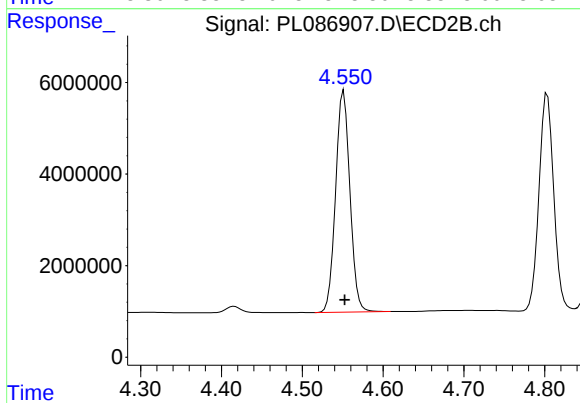
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 59648236
Conc: 51.08 ng/ml



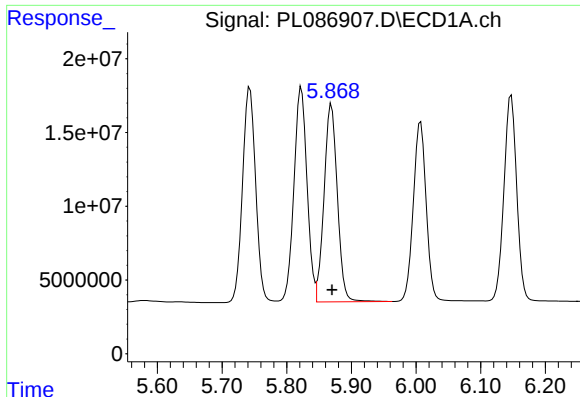
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 200616425
Conc: 56.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 59500337
Conc: 52.27 ng/ml



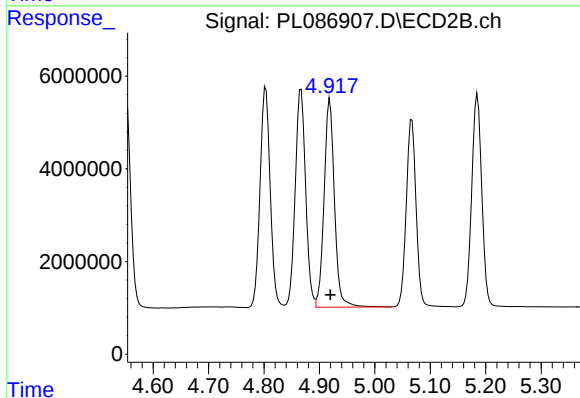
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 191662564
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

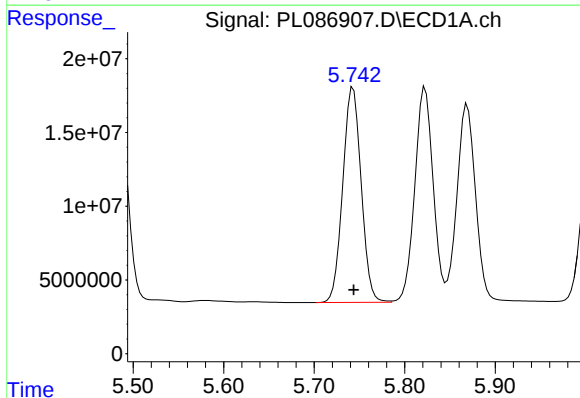
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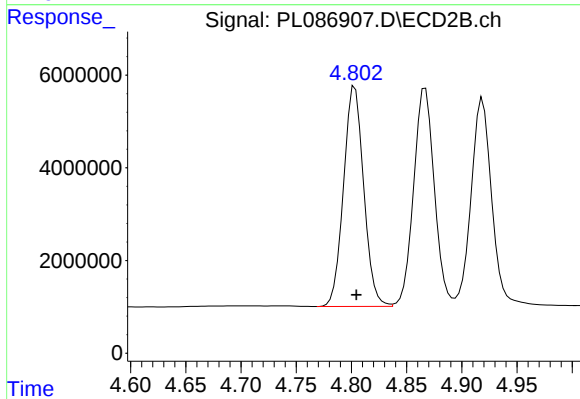
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 58591498
Conc: 45.68 ng/ml



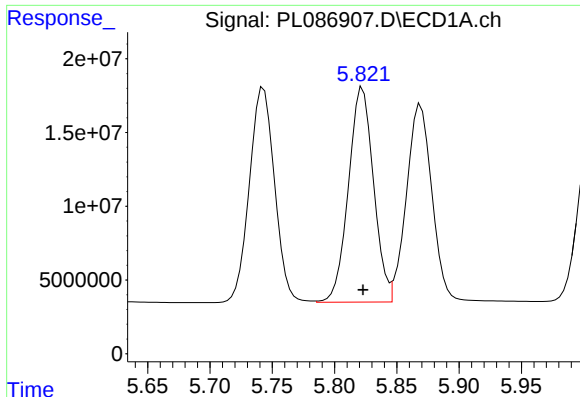
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 206153735
Conc: 54.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 60398490
Conc: 52.69 ng/ml



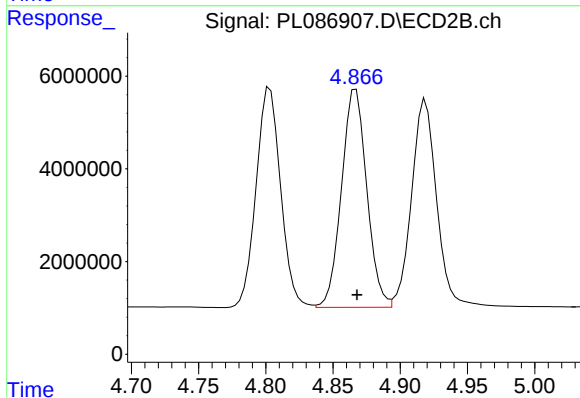
#11 alpha-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 205119874
Conc: 54.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

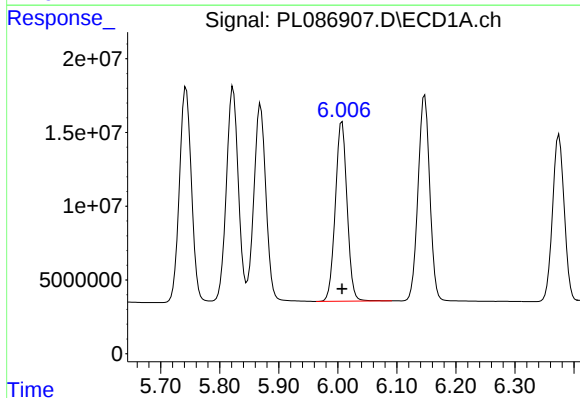
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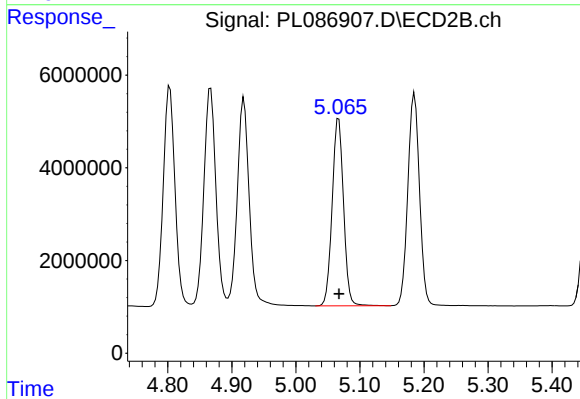
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 61454444
Conc: 46.21 ng/ml



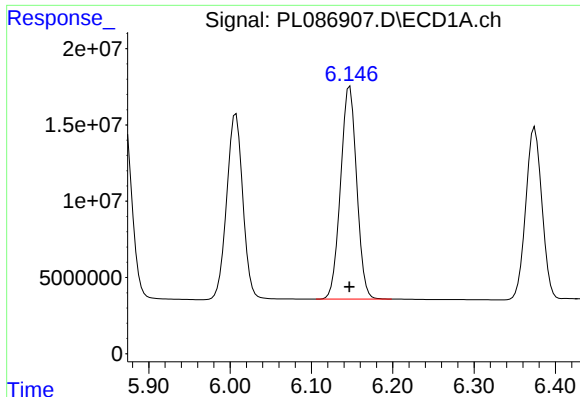
#12 4,4'-DDE

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 168500252
Conc: 55.73 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 49797259
Conc: 54.24 ng/ml



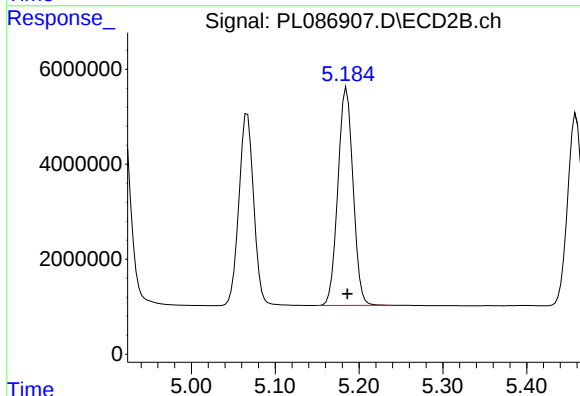
#13 Dieldrin

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 191626397
Conc: 55.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

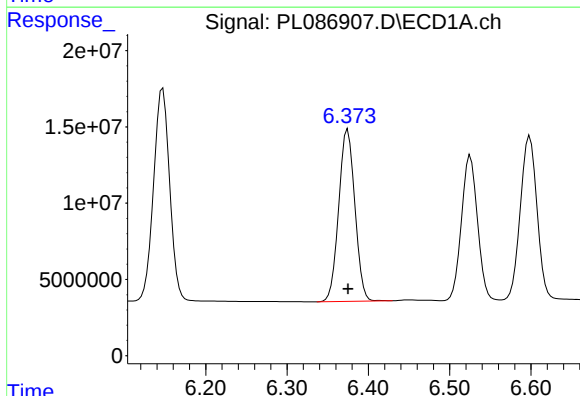
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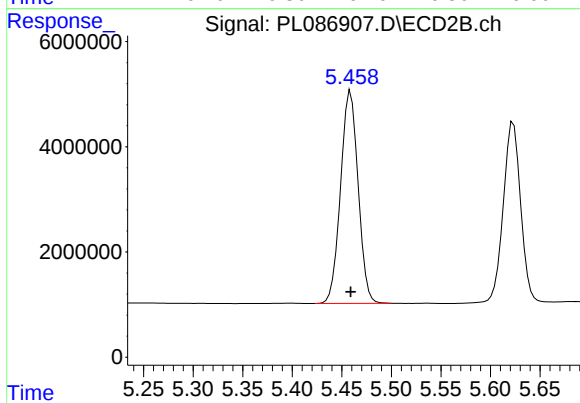
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 57647664
Conc: 53.83 ng/ml



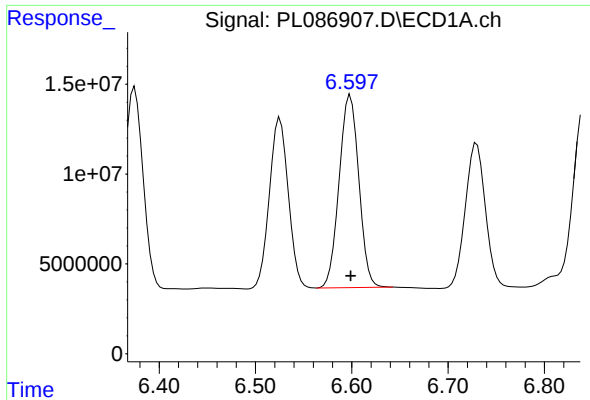
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 155520477
Conc: 60.33 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 49807859
Conc: 59.10 ng/ml



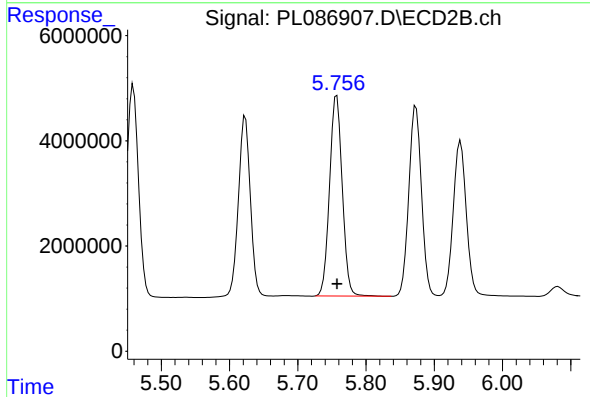
#15 Endosulfan II

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 152071261
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

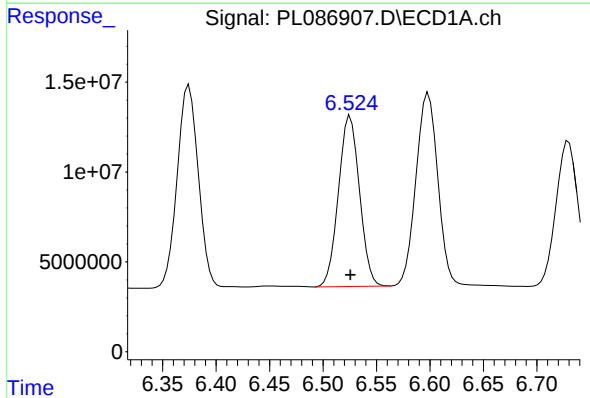
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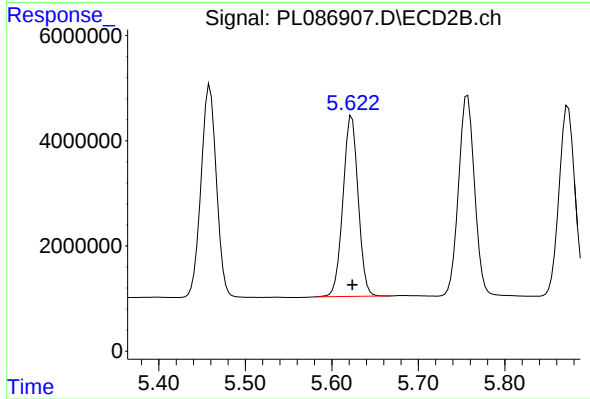
#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 49299252
Conc: 53.09 ng/ml



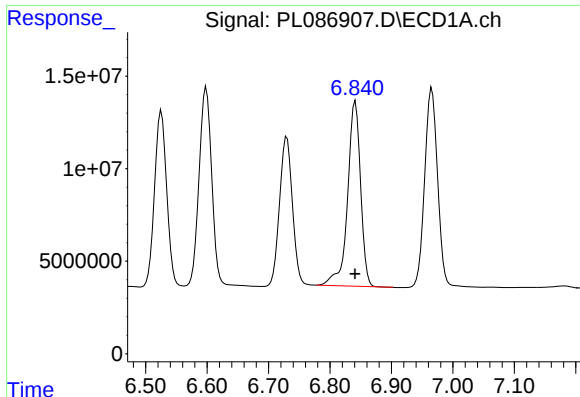
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 130313093
Conc: 55.65 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 41685180
Conc: 53.97 ng/ml



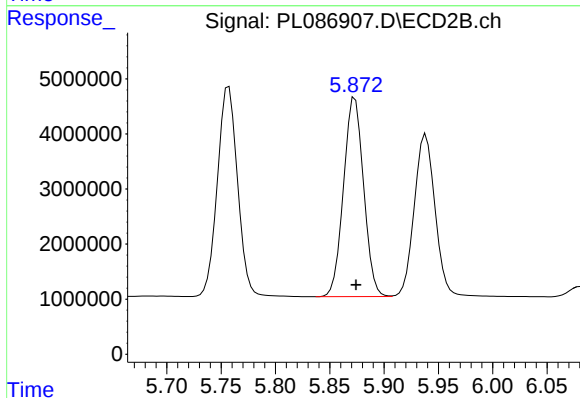
#17 4,4'-DDT

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 146591054
Conc: 57.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

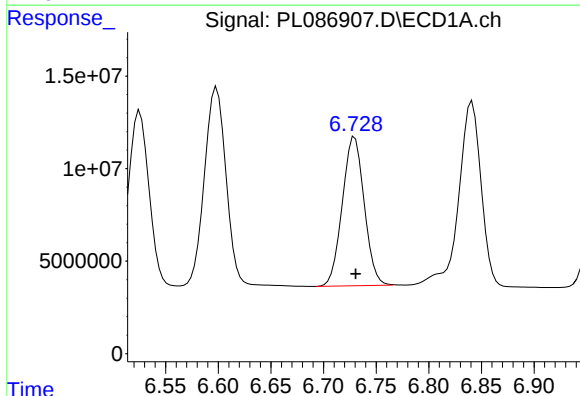
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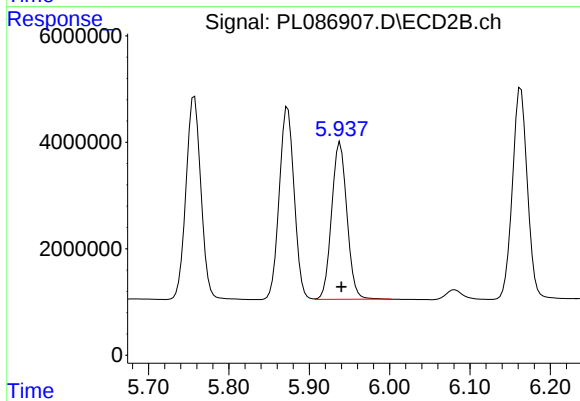
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 46601327
Conc: 57.78 ng/ml



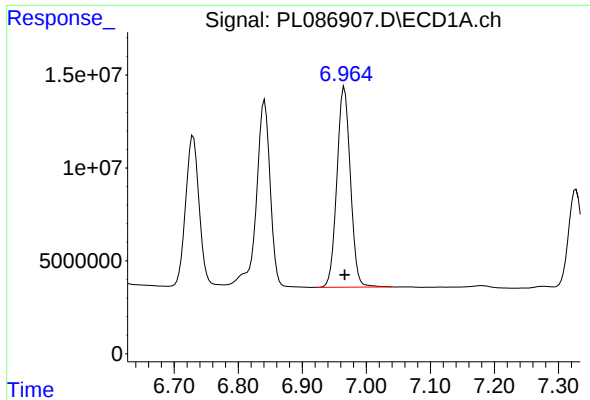
#18 Endrin aldehyde

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 116908626
Conc: 54.80 ng/ml m



#18 Endrin aldehyde

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 39215310
Conc: 56.13 ng/ml



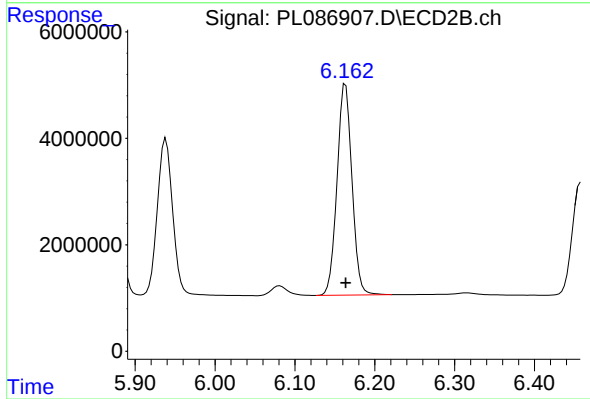
#19 Endosulfan Sulfate

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 157798510
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

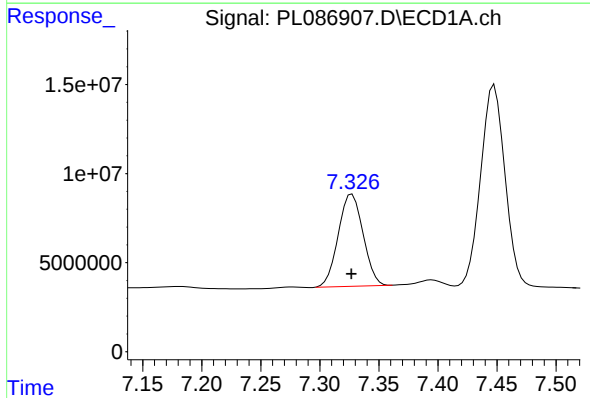
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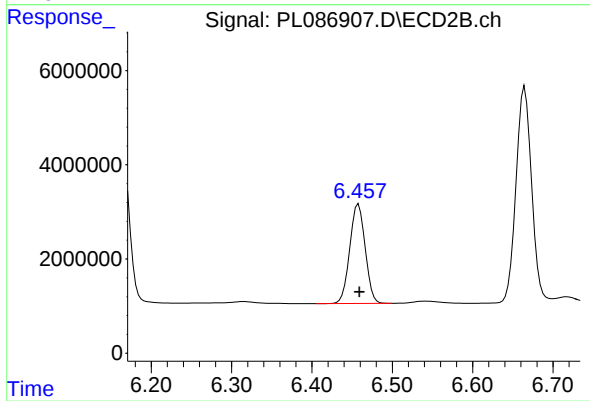
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 51551454
Conc: 54.33 ng/ml



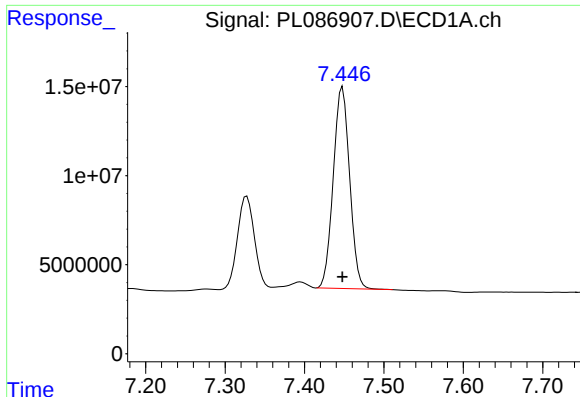
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 75811835
Conc: 57.41 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 28129986
Conc: 54.65 ng/ml



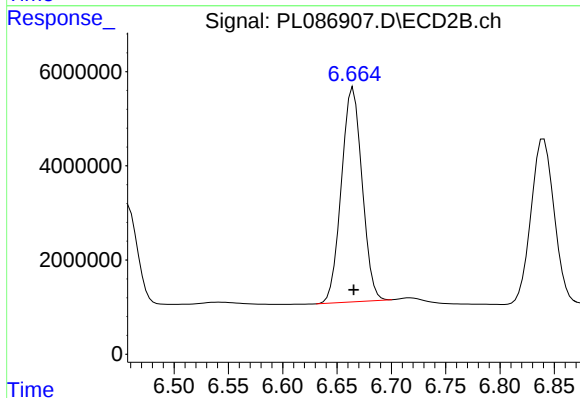
#21 Endrin ketone

R.T.: 7.448 min
Delta R.T.: 0.000 min
Response: 161924735
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

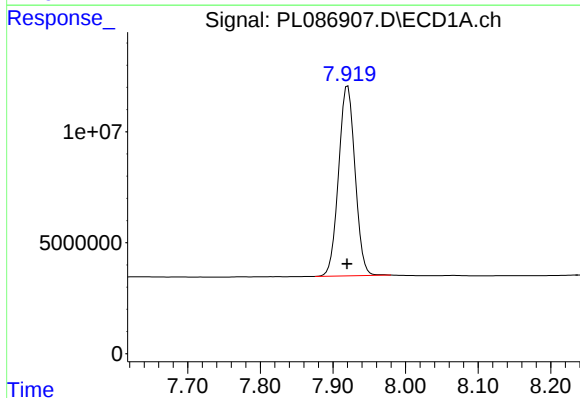
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :Ankita Jodhani 12/01/2023



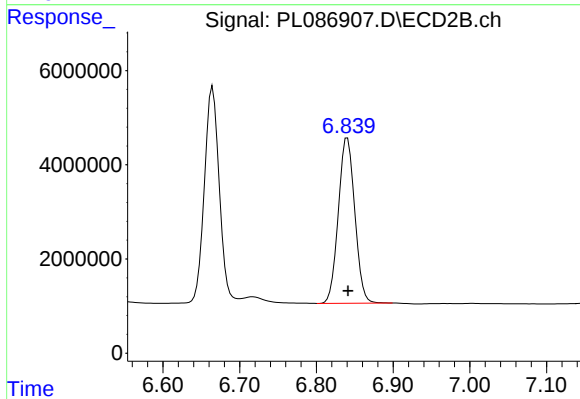
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 60386729
Conc: 52.90 ng/ml



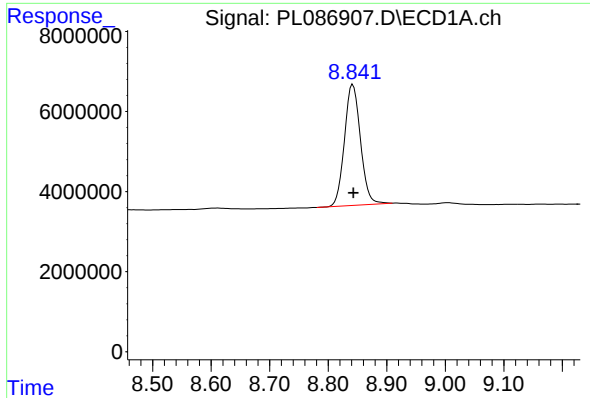
#22 Mirex

R.T.: 7.920 min
Delta R.T.: 0.001 min
Response: 134738580
Conc: 52.68 ng/ml



#22 Mirex

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 52433153
Conc: 50.52 ng/ml



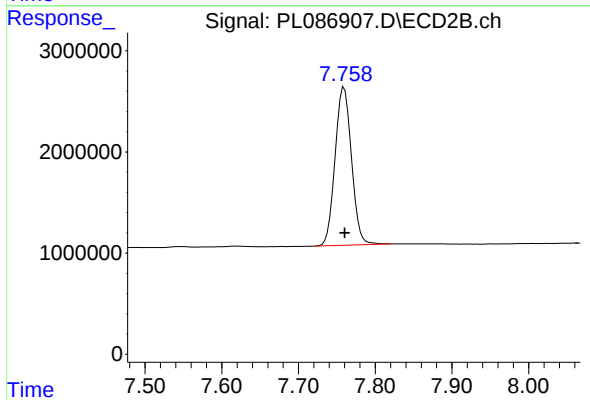
#28 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: 0.000 min
Response: 57520610
Conc: 21.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157472BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/01/2023



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 23292054
Conc: 21.13 ng/ml