

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 20:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2023
 Supervised By : Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:46:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.678	190.9E6	79959717	50.727	47.502
28)	SA Decachlor...	8.980	7.868	172.1E6	81577679	50.465	48.301
Target Compounds							
2)	A alpha-BHC	3.879	3.181	279.6E6	117.7E6	51.642	47.905m
3)	MA gamma-BHC...	4.212	3.513	265.1E6	112.7E6	50.440	46.516
4)	MA Heptachlor	4.804	3.856	258.4E6	107.9E6	48.508m	45.125
5)	MB Aldrin	5.149	4.137	254.7E6	108.4E6	48.913	45.207
6)	B beta-BHC	4.412	3.815	111.1E6	46676549	48.369	44.838
7)	B delta-BHC	4.657	4.044	257.1E6	111.9E6	49.168m	45.724
8)	B Heptachlo...	5.579	4.644	224.7E6	97987019	47.676	44.033
9)	A Endosulfan I	5.965	5.016	209.1E6	91759283	46.816	42.458
10)	B gamma-Chl...	5.837	4.898	228.7E6	101.3E6	47.180	44.277
11)	B alpha-Chl...	5.917	4.962	225.5E6	99712351	46.920	43.203
12)	B 4,4'-DDE	6.098	5.160	193.7E6	86853325	46.743	43.743
13)	MA Dieldrin	6.243	5.283	217.7E6	97561351	46.908	43.793
14)	MA Endrin	6.473	5.558	166.1E6	80616060	43.176	40.396
15)	B Endosulfa...	6.695	5.856	182.4E6	83360344	45.493	42.814
16)	A 4,4'-DDD	6.618	5.719	157.8E6	74261644	47.758	44.851
17)	MA 4,4'-DDT	6.935	5.972	164.3E6	74979321	43.689	40.654
18)	B Endrin al...	6.826	6.038	134.8E6	62658783	46.500	42.694
19)	B Endosulfa...	7.062	6.263	179.9E6	82330637	45.811	43.704
20)	A Methoxychlor	7.420	6.556	81813213	41198797	41.957	40.336m
21)	B Endrin ke...	7.547	6.767	194.9E6	98723926	47.897m	46.378m
22)	Mirex	8.026	6.951	154.2E6	78972595	45.787	44.388

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 20:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

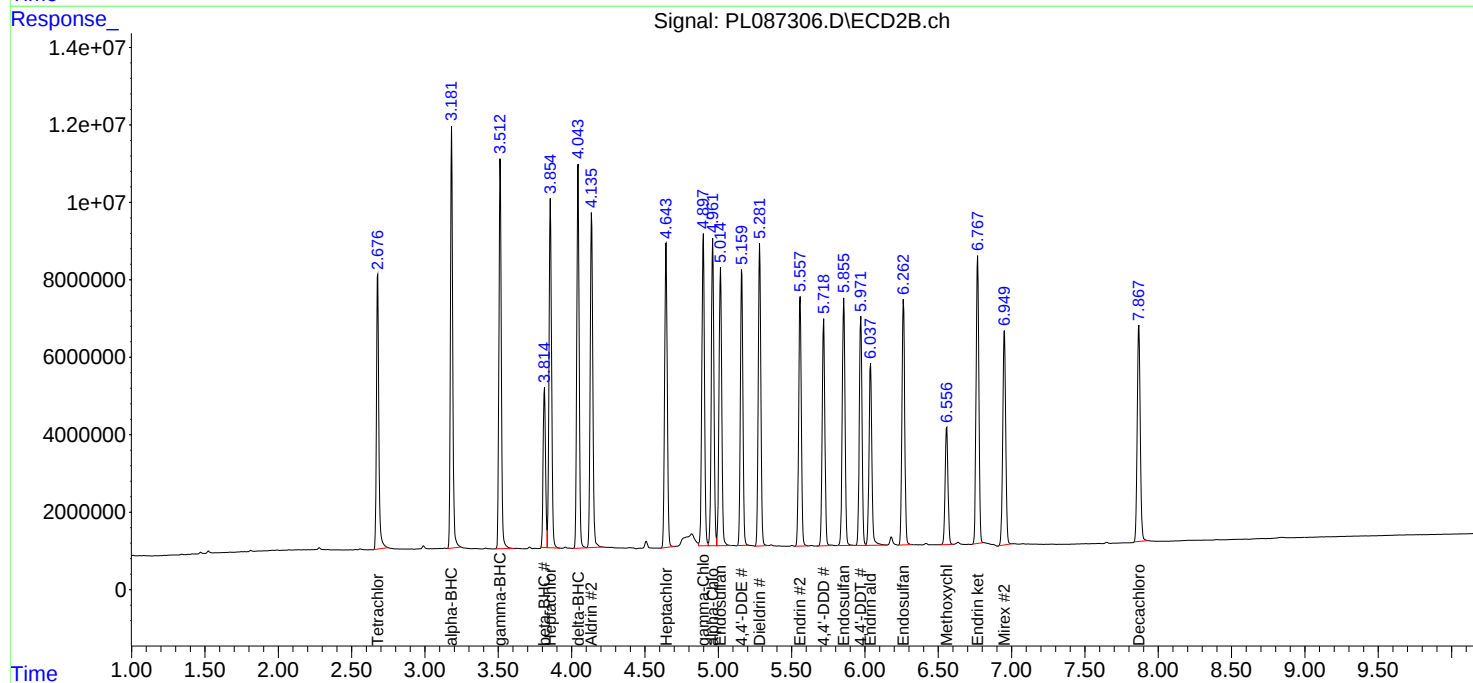
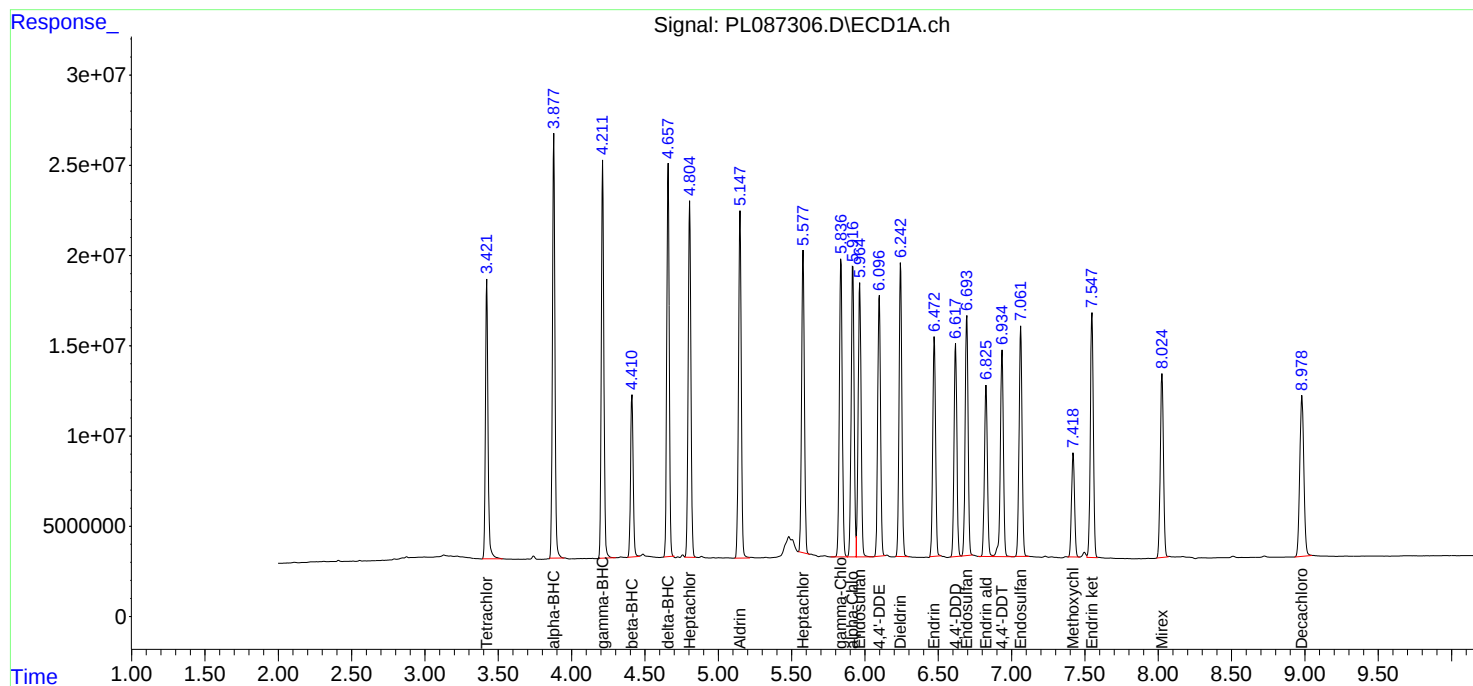
APPROVED

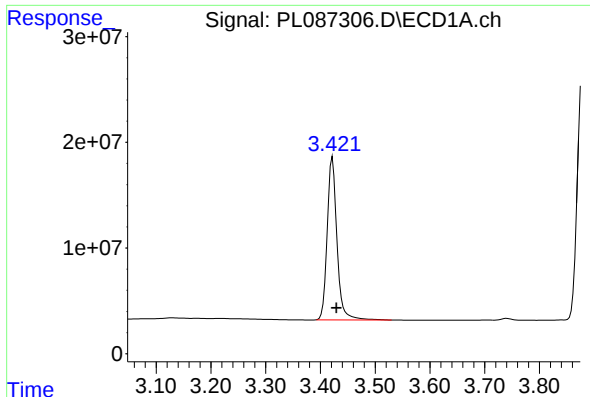
Reviewed By :Abdul Mirza 12/21/2023

Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:46:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





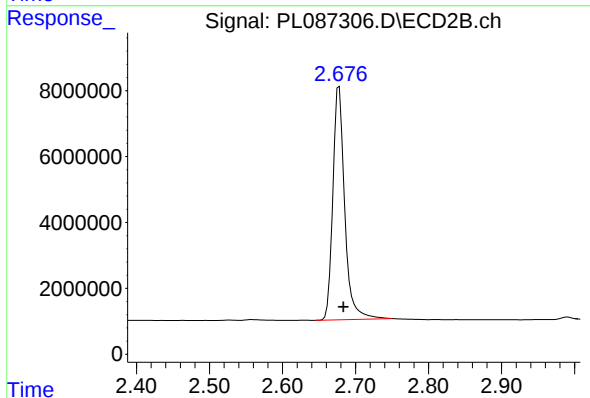
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 190908156
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

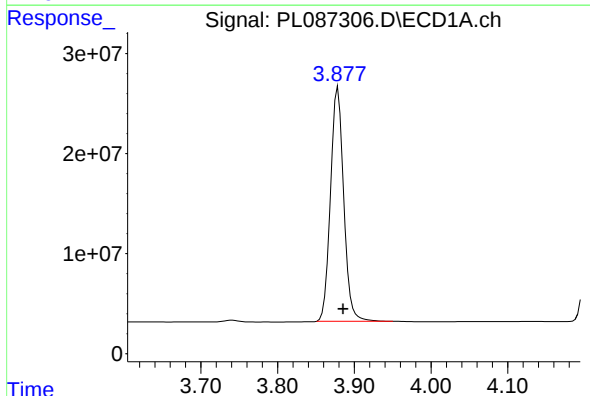
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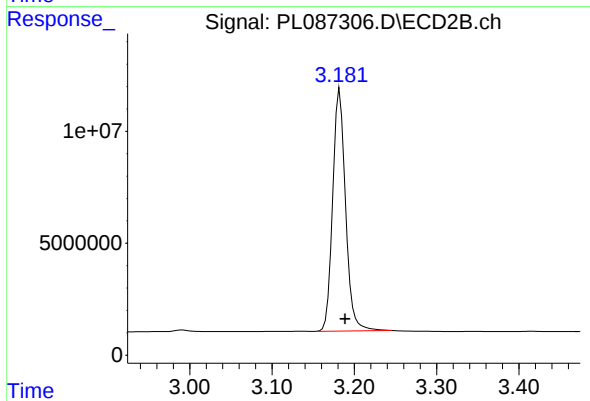
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.006 min
Response: 79959717
Conc: 47.50 ng/ml



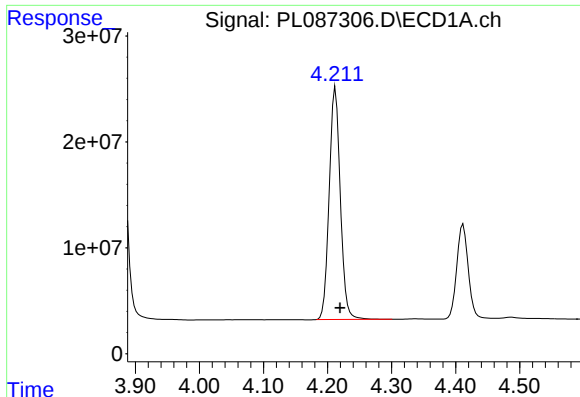
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 279597819
Conc: 51.64 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 117731155
Conc: 47.90 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.007 min
Response: 265096349
Conc: 50.44 ng/ml

Instrument :

ECD_L

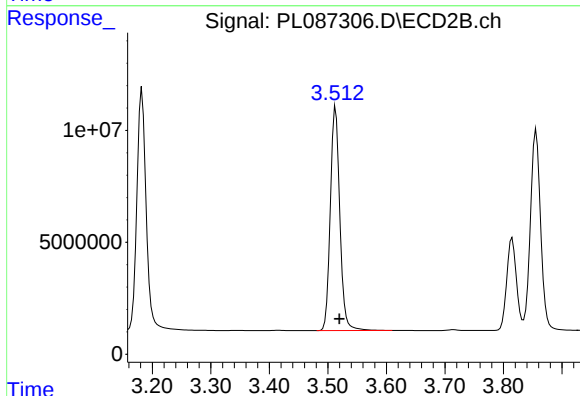
ClientSampleId :

PSTDCCC050

Manual Integrations

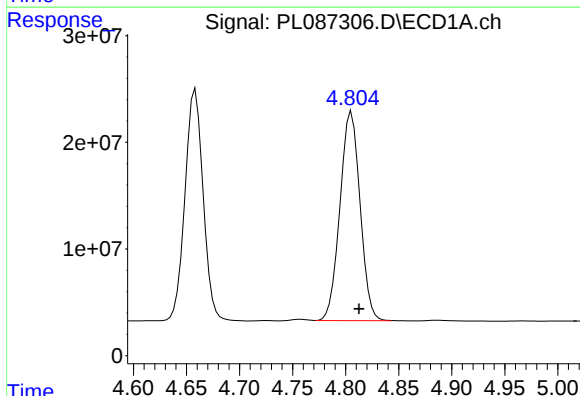
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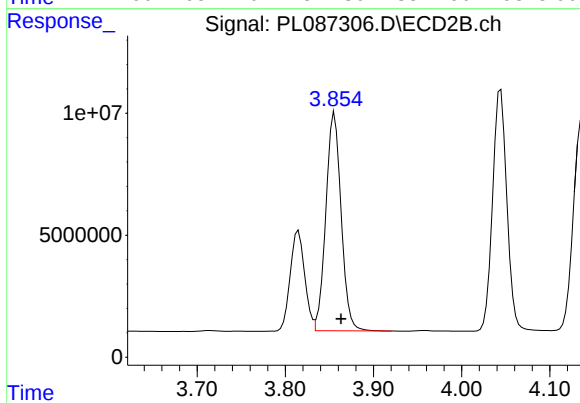
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 112680717
Conc: 46.52 ng/ml



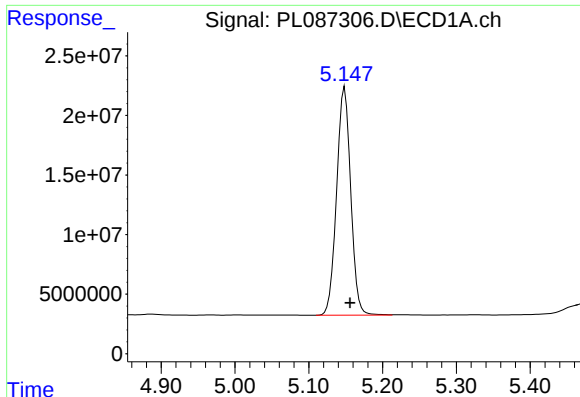
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 258382236
Conc: 48.51 ng/ml m



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.007 min
Response: 107863047
Conc: 45.13 ng/ml



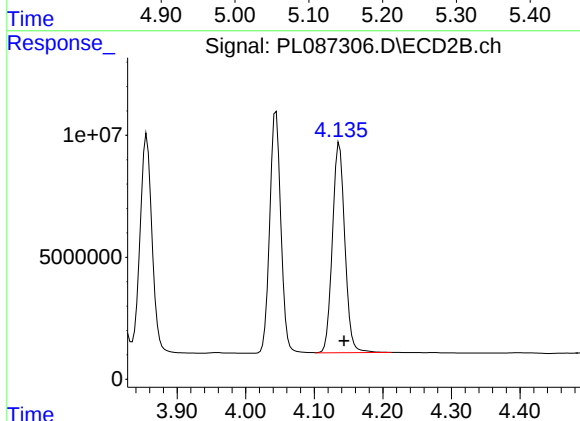
#5 Aldrin

R.T.: 5.149 min
Delta R.T.: -0.008 min
Response: 254660207
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

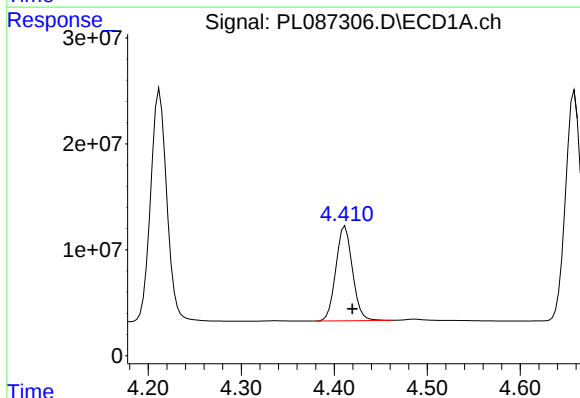
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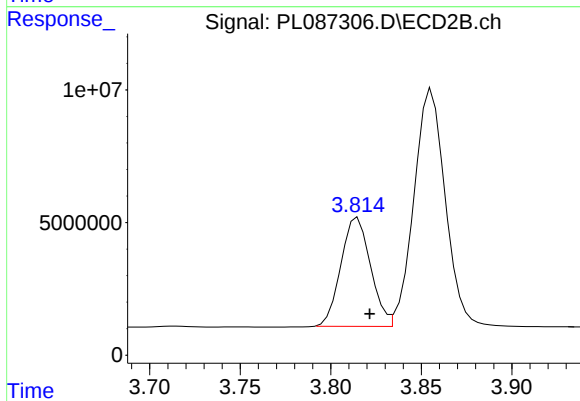
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.007 min
Response: 108396029
Conc: 45.21 ng/ml



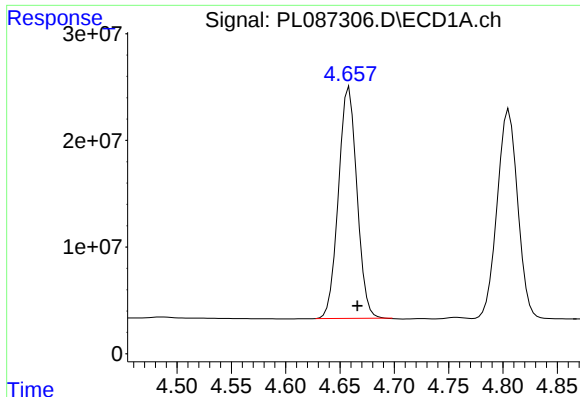
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 111093249
Conc: 48.37 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 46676549
Conc: 44.84 ng/ml



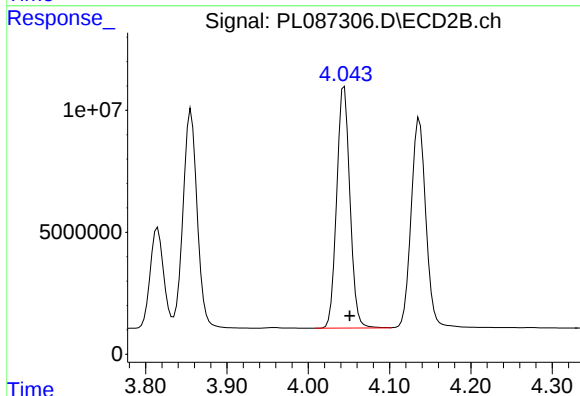
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 257118851
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

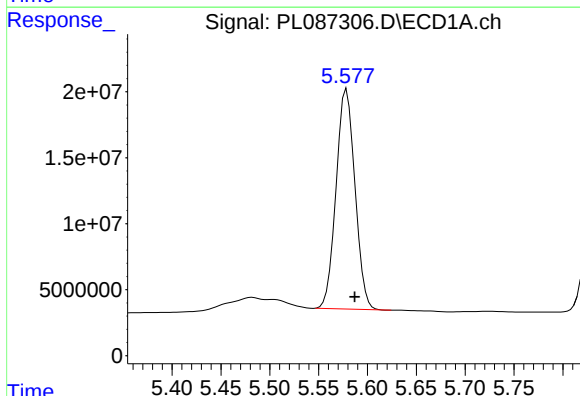
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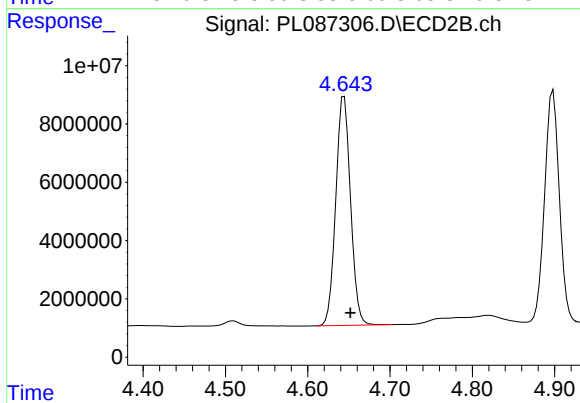
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 111850593
Conc: 45.72 ng/ml



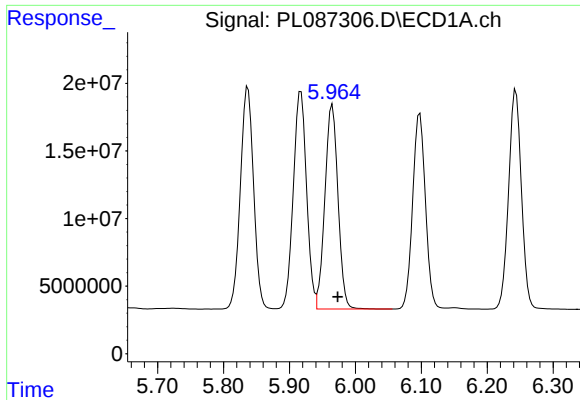
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 224687476
Conc: 47.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 97987019
Conc: 44.03 ng/ml



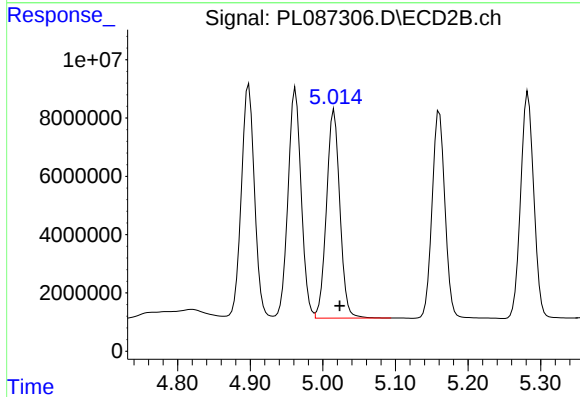
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 209096823
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

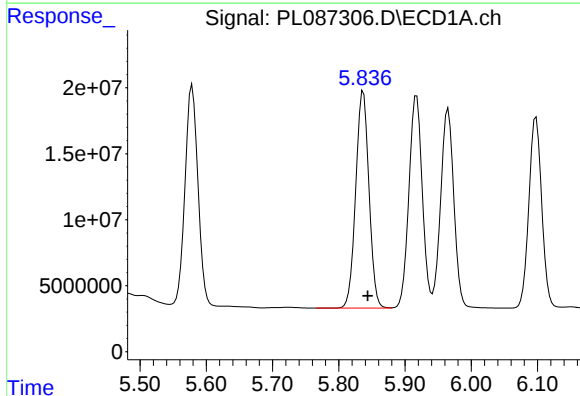
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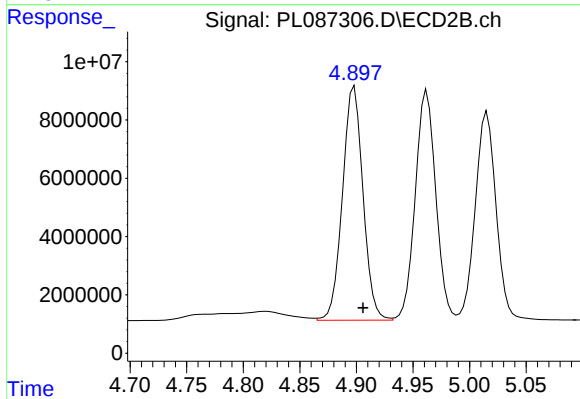
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.008 min
Response: 91759283
Conc: 42.46 ng/ml



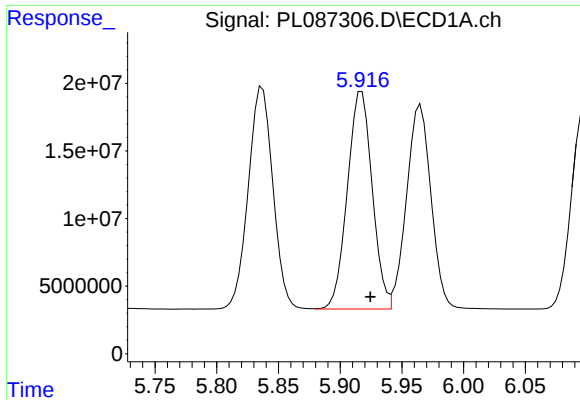
#10 gamma-Chlordane

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 228728214
Conc: 47.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.008 min
Response: 101276603
Conc: 44.28 ng/ml



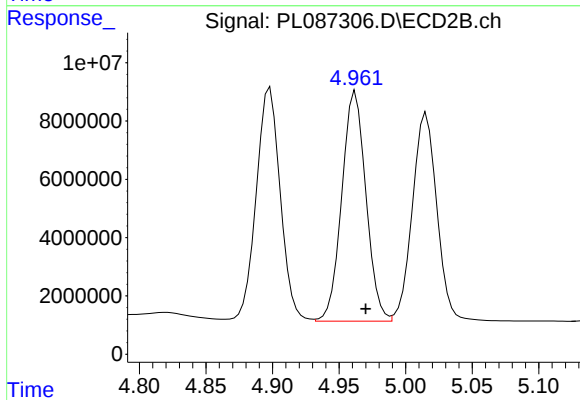
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.007 min
Response: 225503350
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

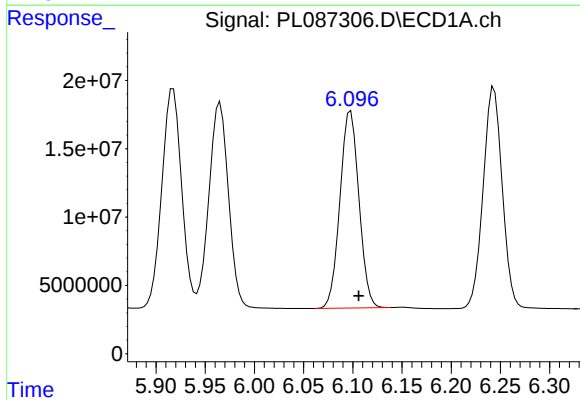
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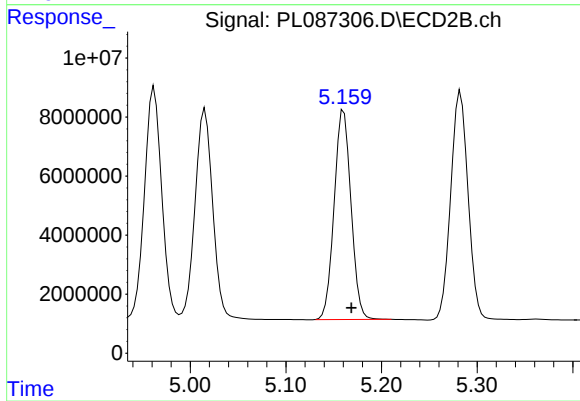
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 99712351
Conc: 43.20 ng/ml



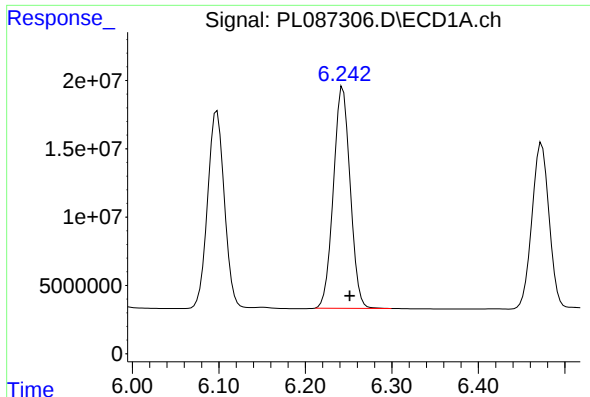
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 193703322
Conc: 46.74 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.008 min
Response: 86853325
Conc: 43.74 ng/ml



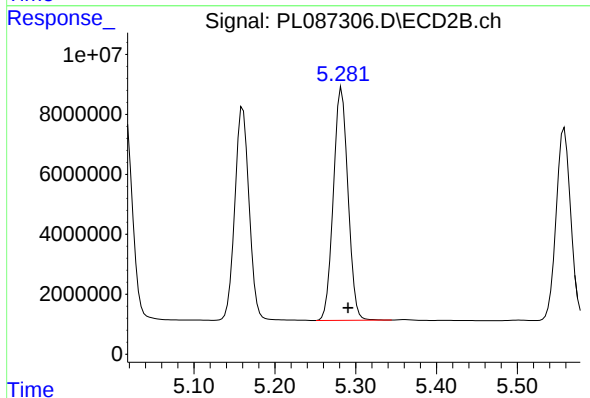
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 217695455
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

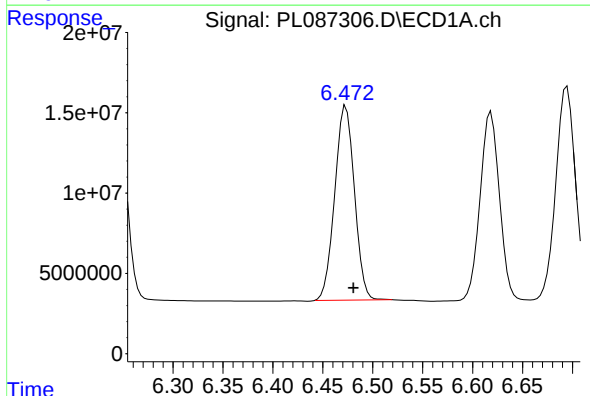
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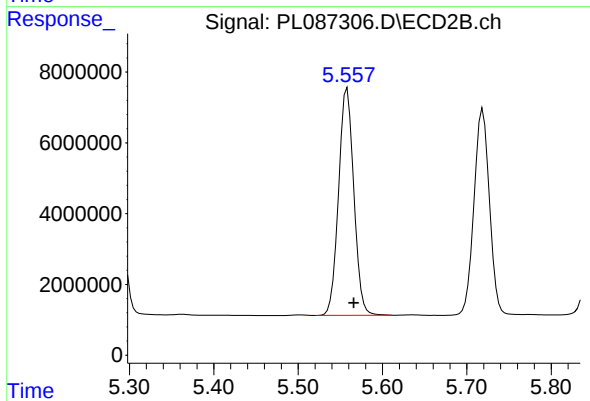
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: -0.008 min
Response: 97561351
Conc: 43.79 ng/ml



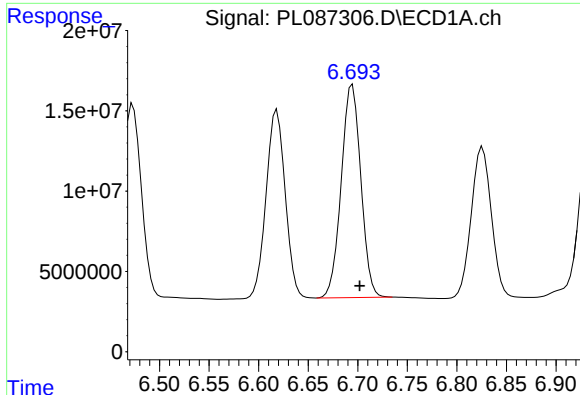
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 166115426
Conc: 43.18 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 80616060
Conc: 40.40 ng/ml



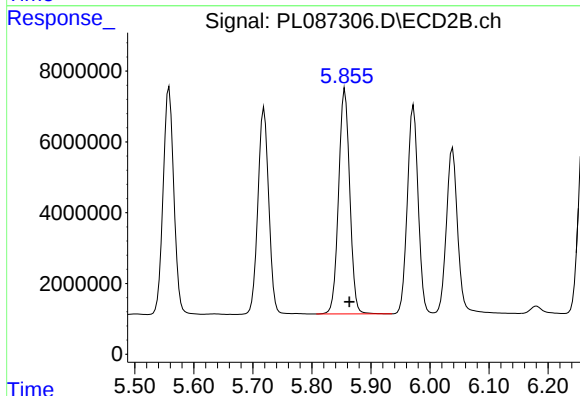
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: -0.007 min
Response: 182446488
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

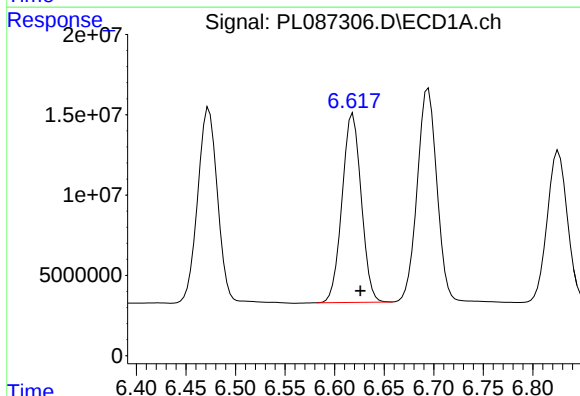
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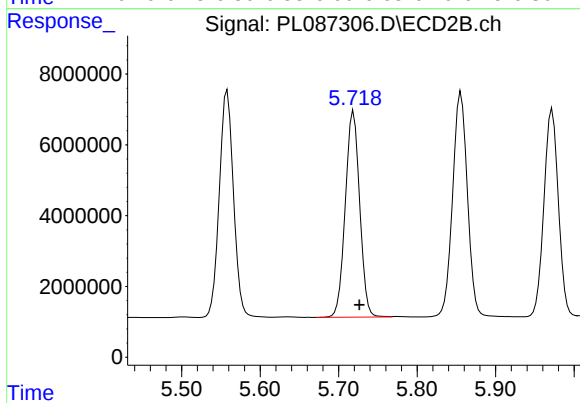
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.008 min
Response: 83360344
Conc: 42.81 ng/ml



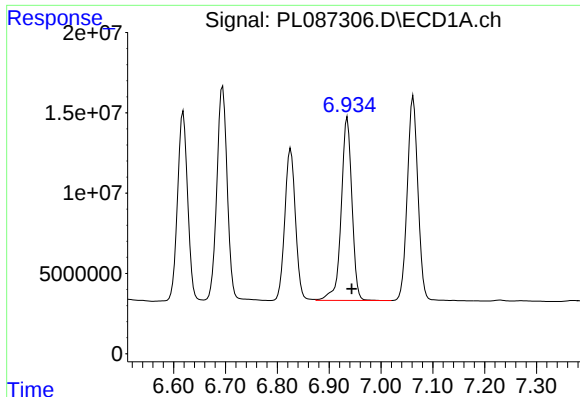
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 157846844
Conc: 47.76 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.008 min
Response: 74261644
Conc: 44.85 ng/ml



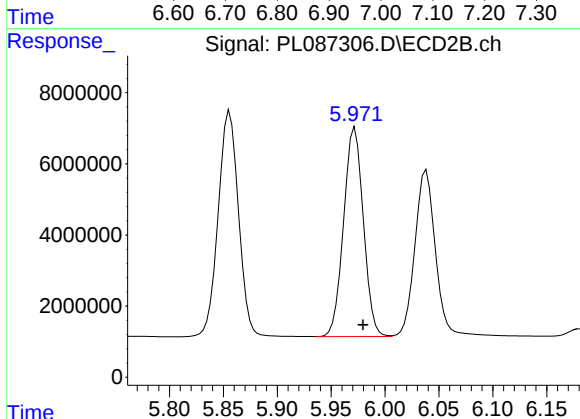
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 164279473
Conc: 43.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

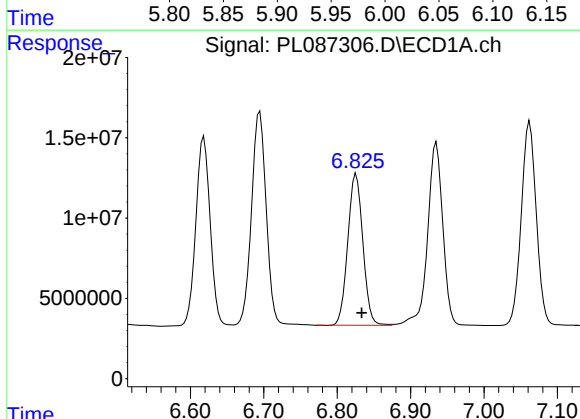
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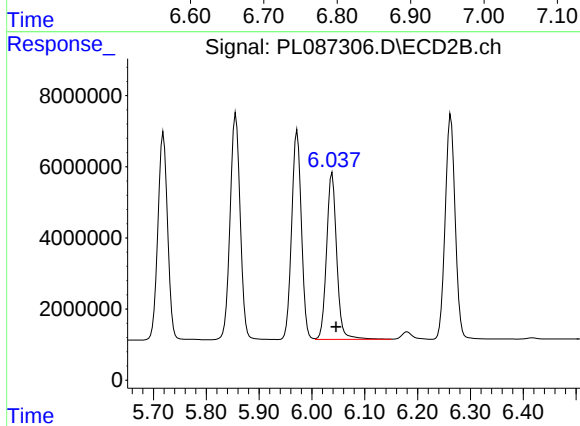
#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: -0.007 min
Response: 74979321
Conc: 40.65 ng/ml



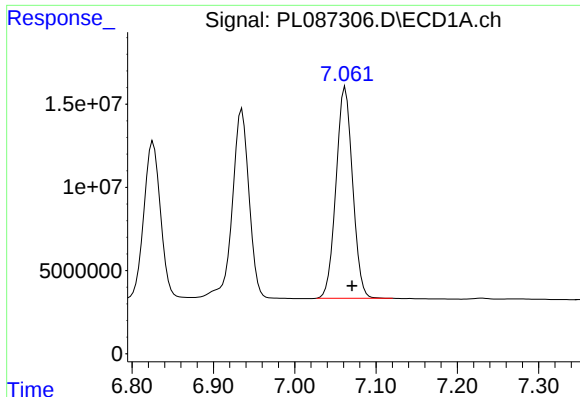
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 134772881
Conc: 46.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.007 min
Response: 62658783
Conc: 42.69 ng/ml



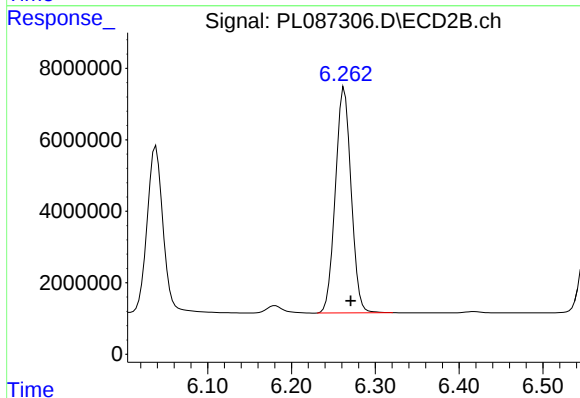
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 179891622
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

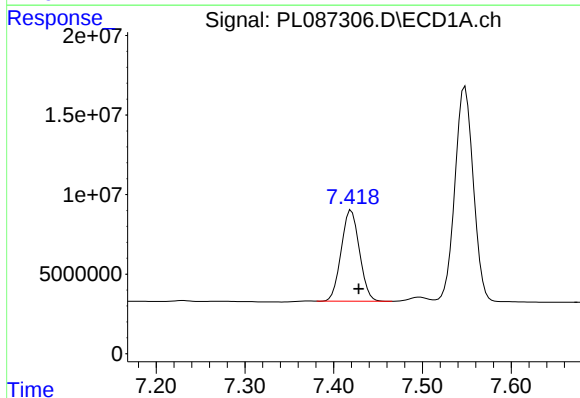
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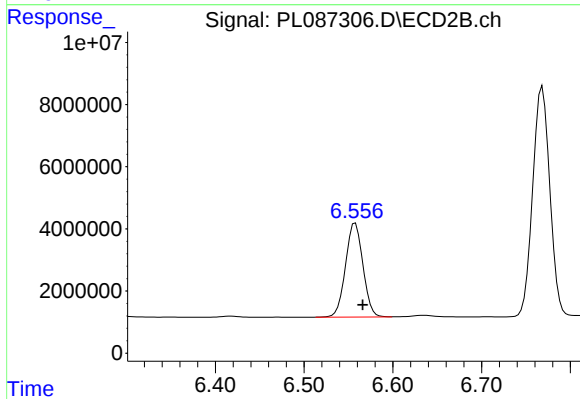
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 82330637
Conc: 43.70 ng/ml



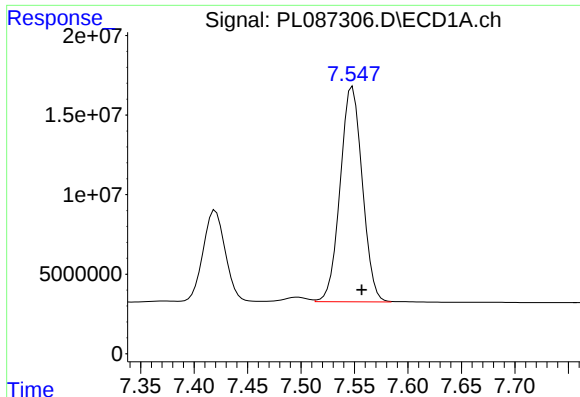
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 81813213
Conc: 41.96 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 41198797
Conc: 40.34 ng/ml m



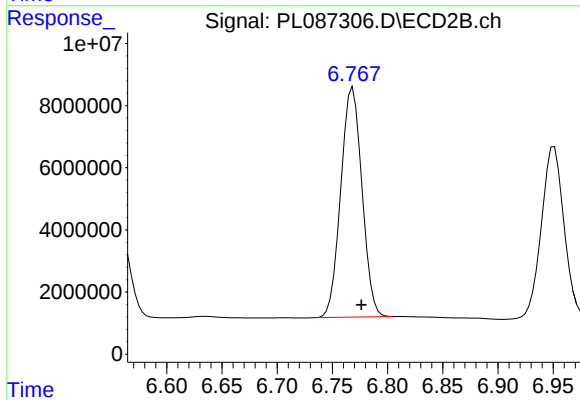
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 194856319
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

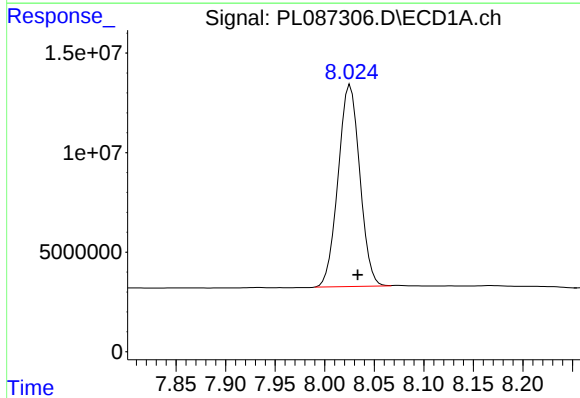
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



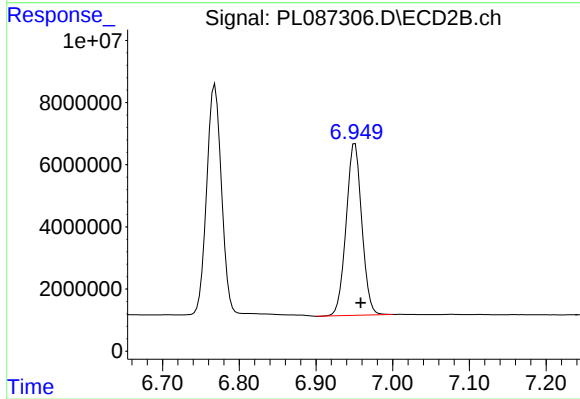
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 98723926
Conc: 46.38 ng/ml m



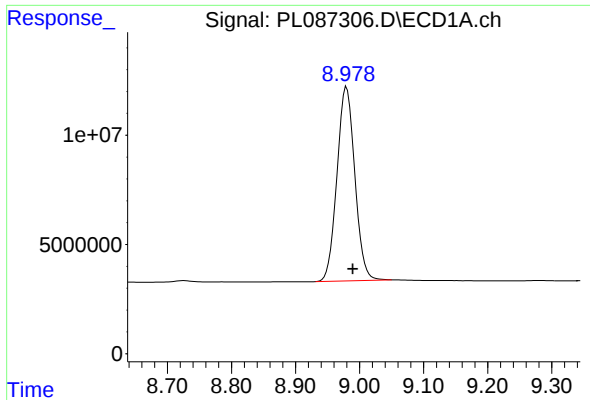
#22 Mirex

R.T.: 8.026 min
Delta R.T.: -0.008 min
Response: 154210471
Conc: 45.79 ng/ml



#22 Mirex

R.T.: 6.951 min
Delta R.T.: -0.008 min
Response: 78972595
Conc: 44.39 ng/ml



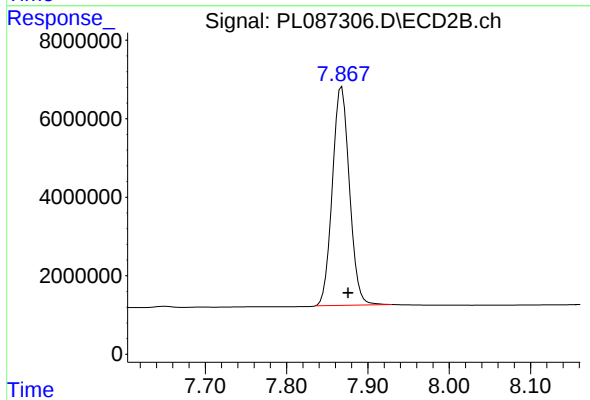
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.010 min
Response: 172081034
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/21/2023



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 81577679
Conc: 48.30 ng/ml