

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 16:48
 Operator : AR\AJ
 Sample : 02825-01MSD 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-01-051723

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:19:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.320	2.641	4606243	3951219	1.724	1.706
28) SA Decachlor...	8.737	7.749	3608192	3750556	1.890	1.643
Target Compounds						
2) A alpha-BHC	3.769	3.137	19766174	14882953	4.966	4.373
3) MA gamma-BHC...	4.097	3.462	19317903	14749904	5.167	4.587m
4) MA Heptachlor	4.674	3.795	18238364	15293944	4.991m	4.468
5) MB Aldrin	5.012	4.070	17643575	14241842	5.350	4.521m
6) B beta-BHC	4.301	3.765	10291404	7161921	6.034	5.249
7) B delta-BHC	4.541	3.988	16464678	13604333	4.576m	4.435m
8) B Heptachlo...	5.437	4.573	17501226	14181164	5.737m	4.923
9) A Endosulfan I	5.818	4.941	14153342	12861819	5.104m	4.818
10) B gamma-Chl...	5.692	4.822	18314886	15463346	6.091m	5.329
11) B alpha-Chl...	5.770	4.885	17196952	14951956	5.762m	5.151
12) B 4,4'-DDE	5.950	5.074	14692595	12379909	5.780	5.385m
13) MA Dieldrin	6.093	5.203	14368504	13790144	5.208	5.107m
14) MA Endrin	6.321	5.477	12838171	12306176	5.295	5.031m
15) B Endosulfa...	6.543	5.774	18001083	12124524	7.394	5.379m#
16) A 4,4'-DDD	6.465	5.630	13122204	10894601	6.473	5.825
17) MA 4,4'-DDT	6.777	5.878	13070376	9729047	5.713	4.605
18) B Endrin al...	6.674	5.955	10984115	10360593	5.830	5.536
19) B Endosulfa...	6.907	6.178	13280556	11522946	5.600	4.894
20) A Methoxychlor	7.258	6.456	6491661	5685742	5.320	4.692m
21) B Endrin ke...	7.387	6.681	12673070	11803529	5.293	4.650m
22) Mirex	7.851	6.852	12143495	11357007	6.207	4.929m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
Data File : PL082800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2023 16:48
Operator : AR\AJ
Sample : 02825-01MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

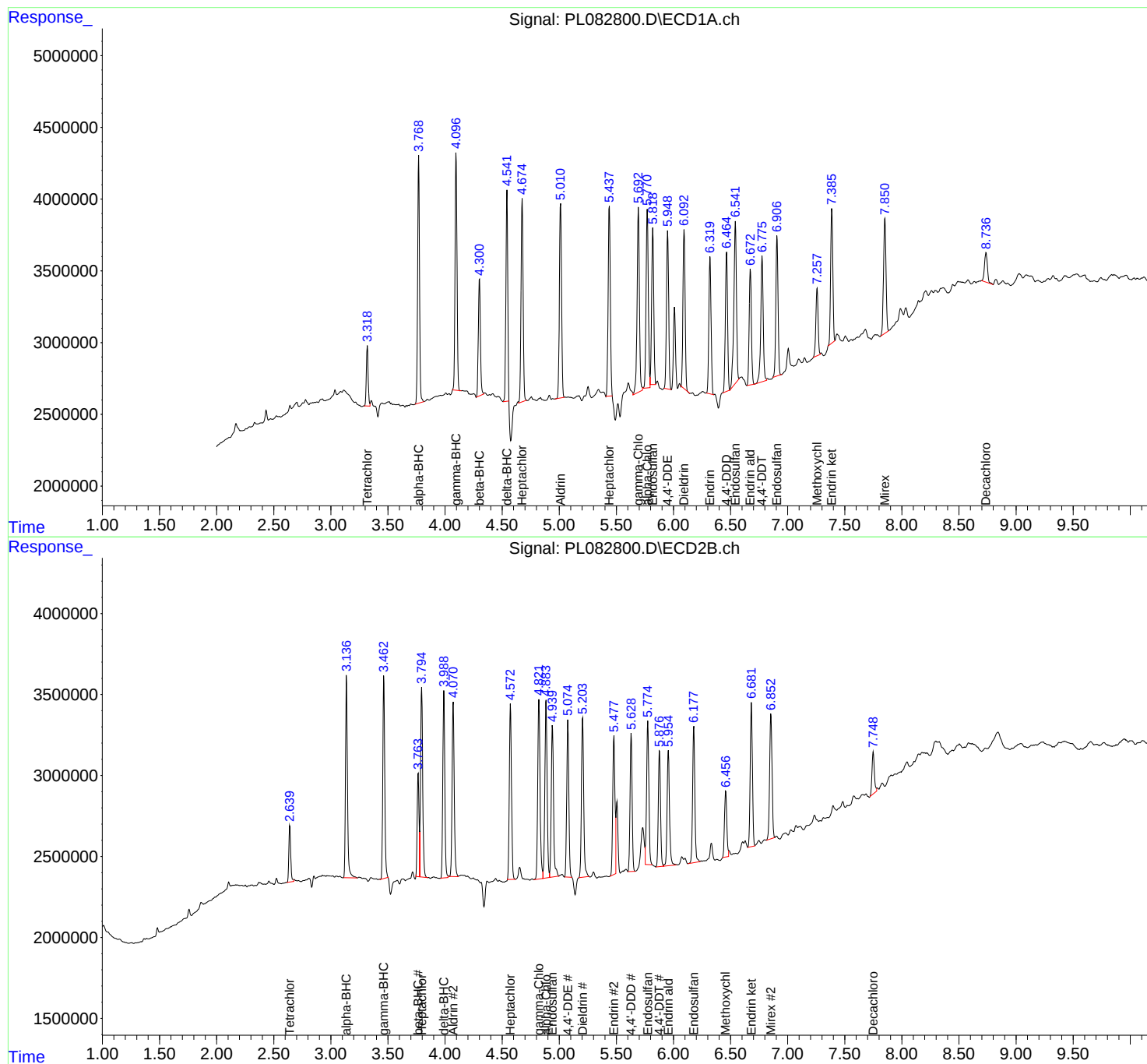
Instrument :
ECD_L
ClientSampleId :
OK-01-051723

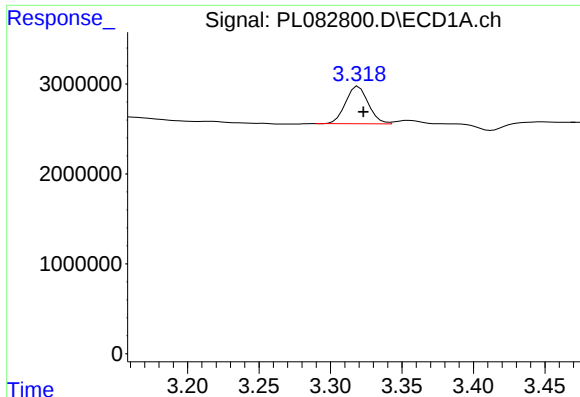
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/19/2023
Supervised By : Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 21:19:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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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.: 3.320 min
Delta R.T.: -0.003 min
Response: 4606243
Conc: 1.72 ng/ml

Instrument :

ECD_L

ClientSampleId :

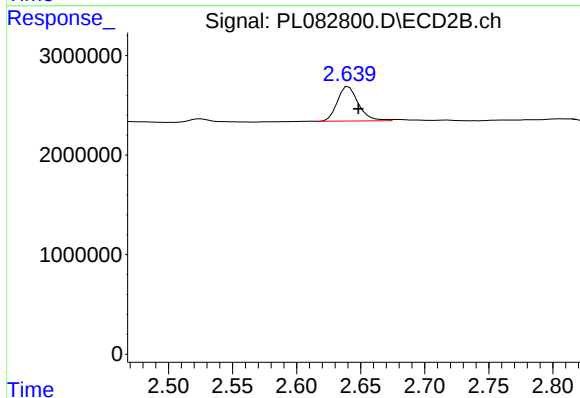
OK-01-051723

Manual Integrations

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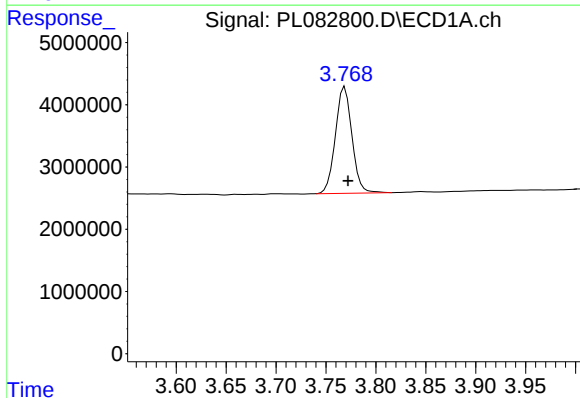
Reviewed By :Abdul Mirza 05/19/2023

Supervised By :Ankita Jodhani 05/19/2023



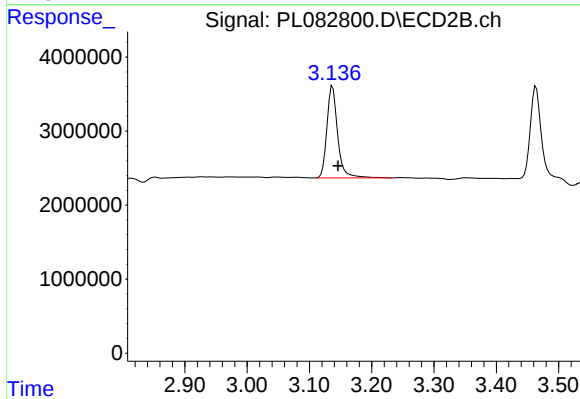
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.008 min
Response: 3951219
Conc: 1.71 ng/ml



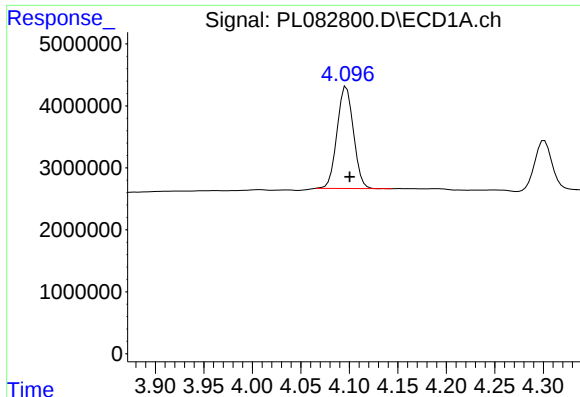
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 19766174
Conc: 4.97 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 14882953
Conc: 4.37 ng/ml



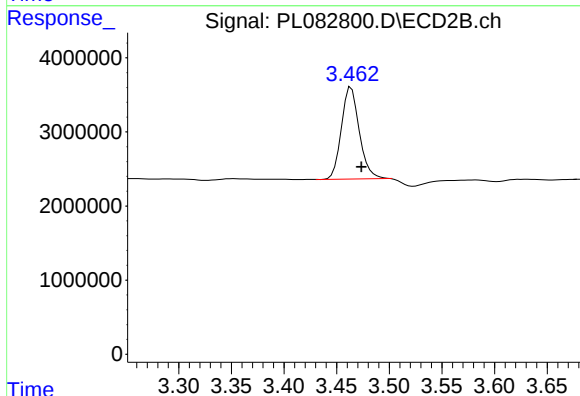
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 19317903
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

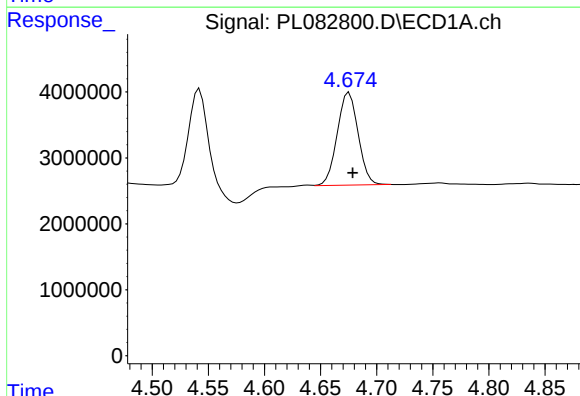
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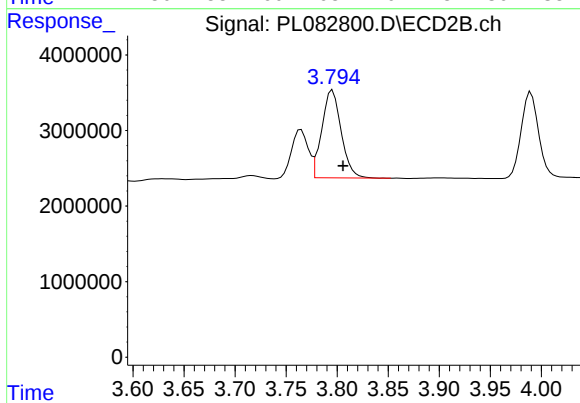
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: -0.011 min
Response: 14749904
Conc: 4.59 ng/ml m



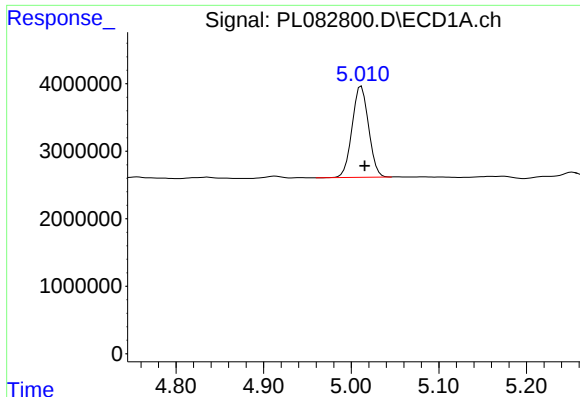
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 18238364
Conc: 4.99 ng/ml m



#4 Heptachlor

R.T.: 3.795 min
Delta R.T.: -0.010 min
Response: 15293944
Conc: 4.47 ng/ml



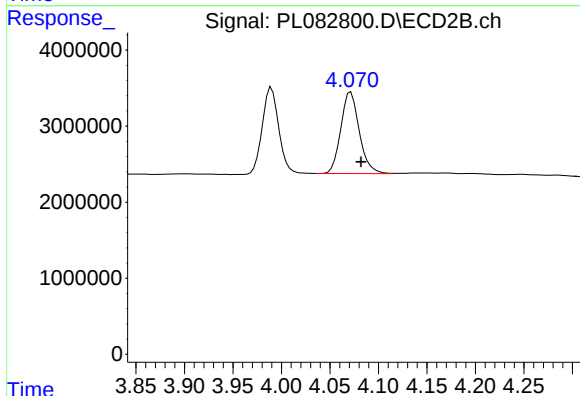
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 17643575
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

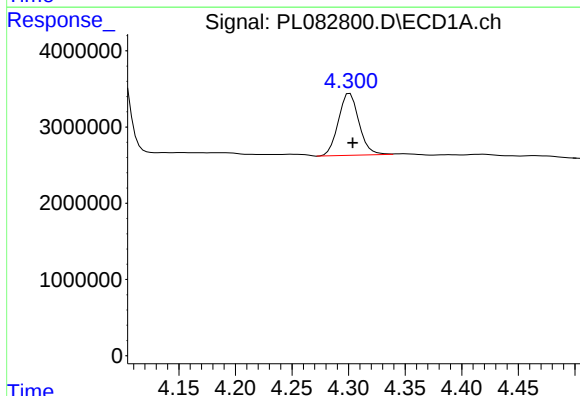
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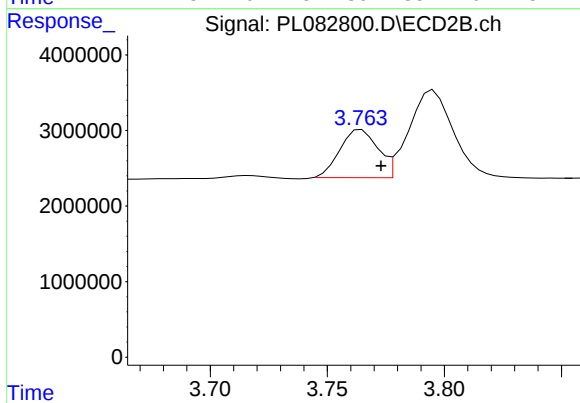
#5 Aldrin

R.T.: 4.070 min
Delta R.T.: -0.012 min
Response: 14241842
Conc: 4.52 ng/ml m



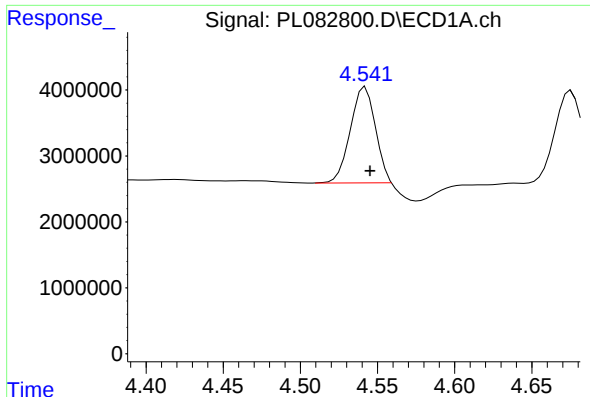
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 10291404
Conc: 6.03 ng/ml



#6 beta-BHC

R.T.: 3.765 min
Delta R.T.: -0.008 min
Response: 7161921
Conc: 5.25 ng/ml



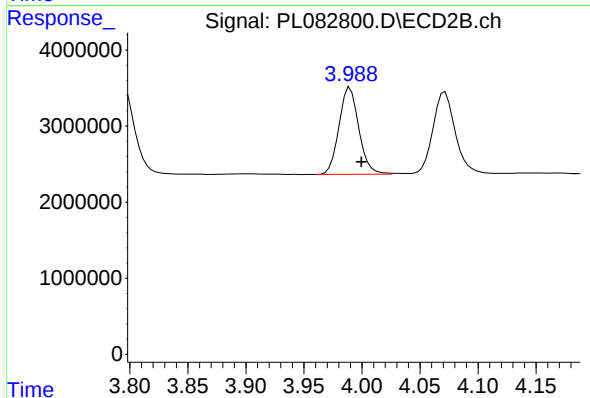
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 16464678
Conc: 4.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

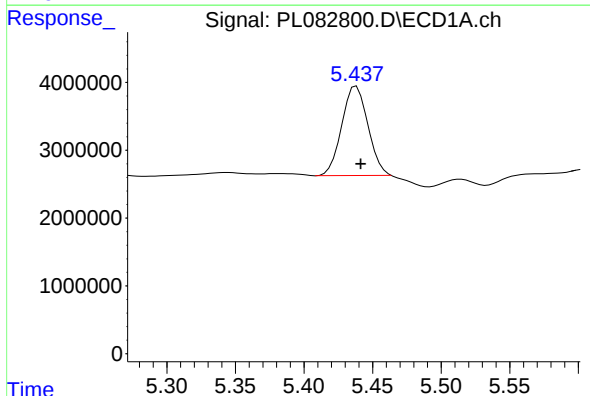
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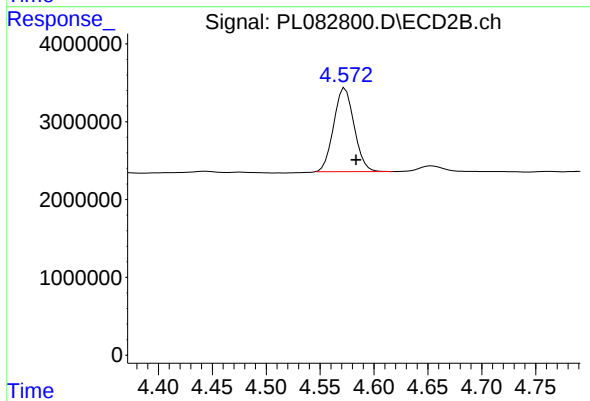
#7 delta-BHC

R.T.: 3.988 min
Delta R.T.: -0.011 min
Response: 13604333
Conc: 4.44 ng/ml m



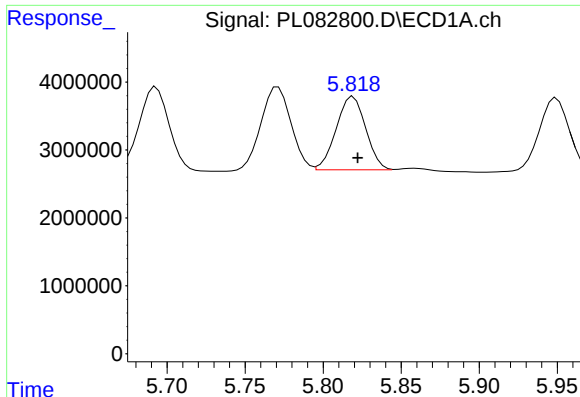
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 17501226
Conc: 5.74 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 14181164
Conc: 4.92 ng/ml



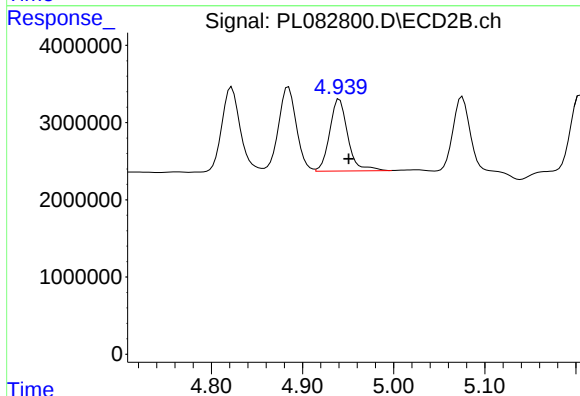
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 14153342
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

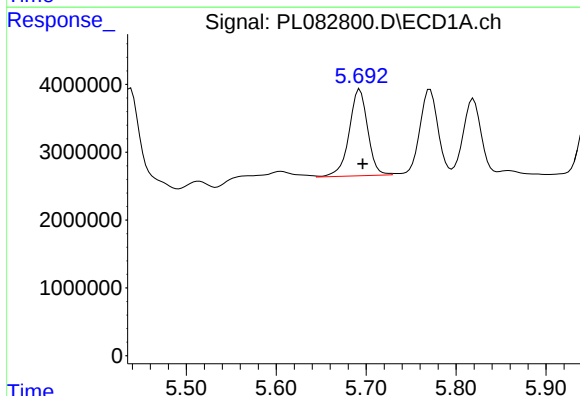
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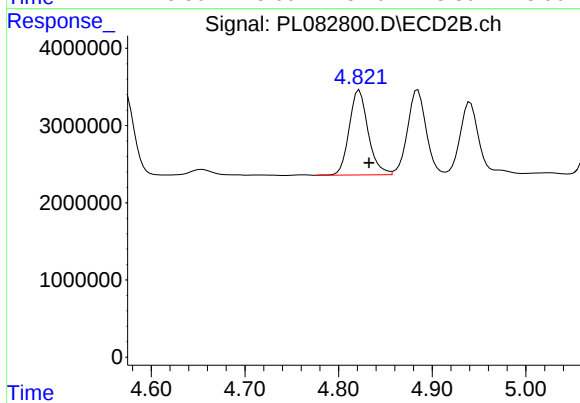
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 12861819
Conc: 4.82 ng/ml



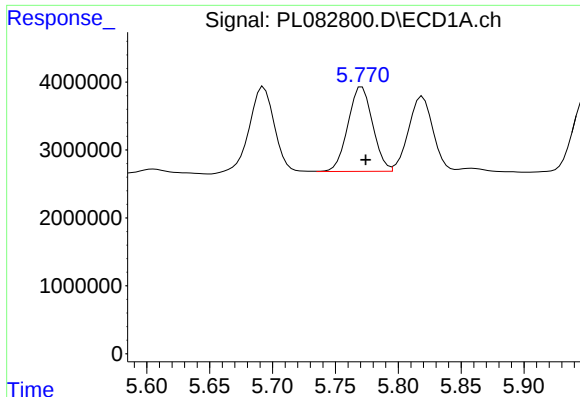
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 18314886
Conc: 6.09 ng/ml m



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 15463346
Conc: 5.33 ng/ml



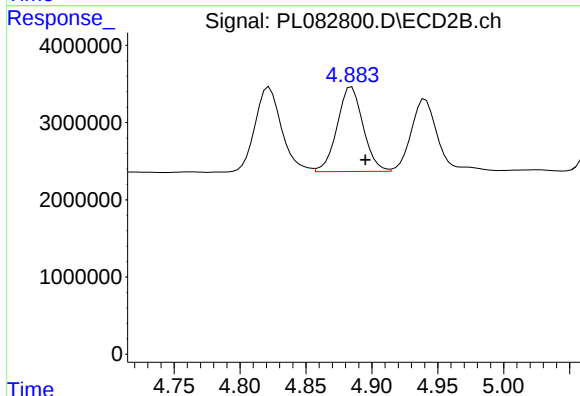
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 17196952
Conc: 5.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

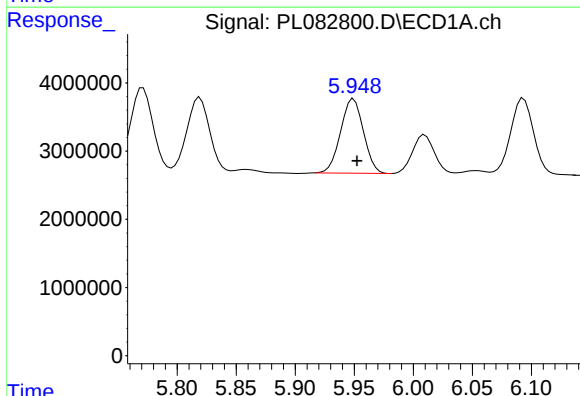
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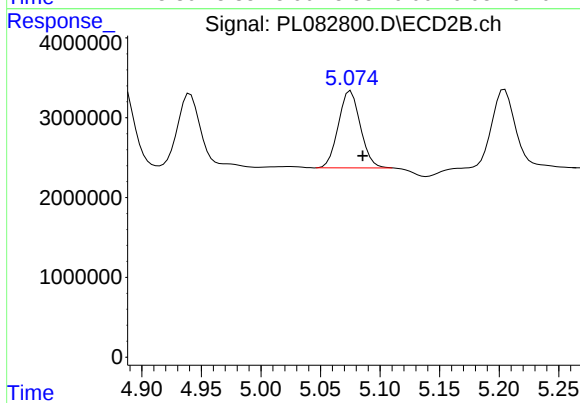
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 14951956
Conc: 5.15 ng/ml



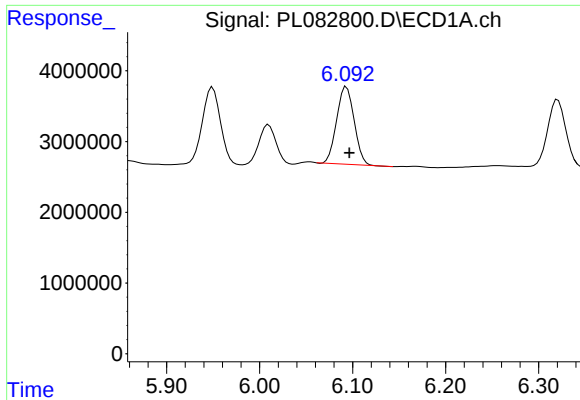
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 14692595
Conc: 5.78 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.012 min
Response: 12379909
Conc: 5.38 ng/ml m



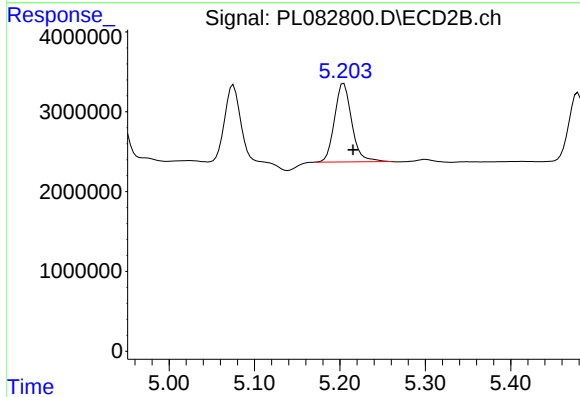
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 14368504
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

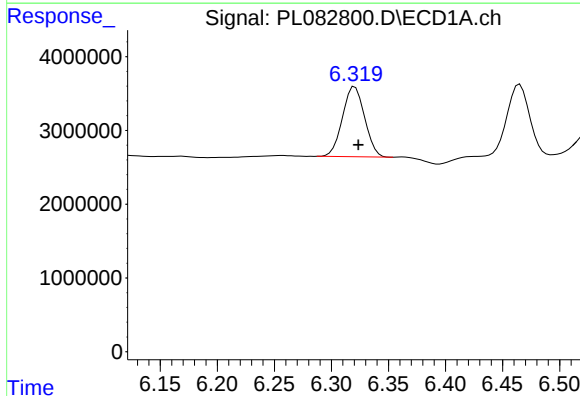
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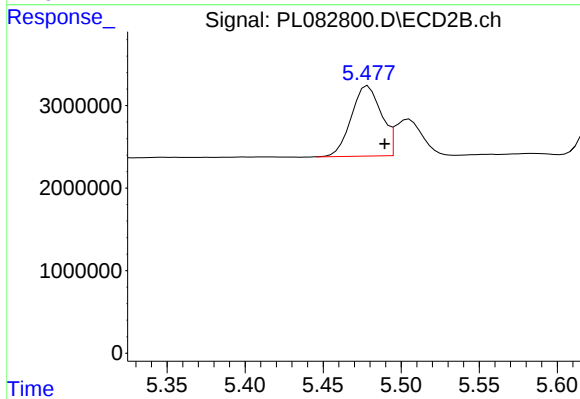
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 13790144
Conc: 5.11 ng/ml m



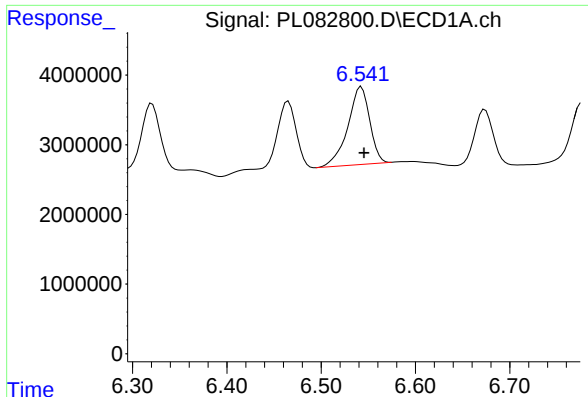
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 12838171
Conc: 5.30 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.012 min
Response: 12306176
Conc: 5.03 ng/ml m



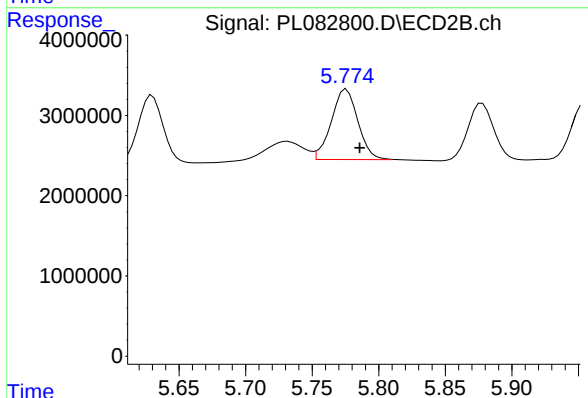
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 18001083
Conc: 7.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
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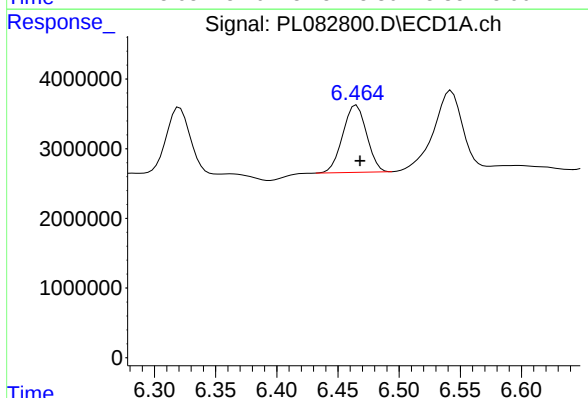
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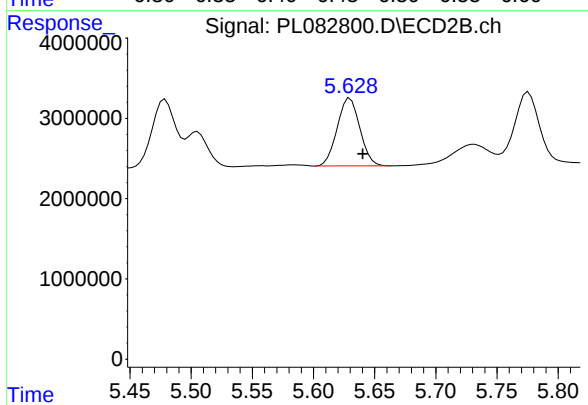
#15 Endosulfan II

R.T.: 5.774 min
Delta R.T.: -0.011 min
Response: 12124524
Conc: 5.38 ng/ml m



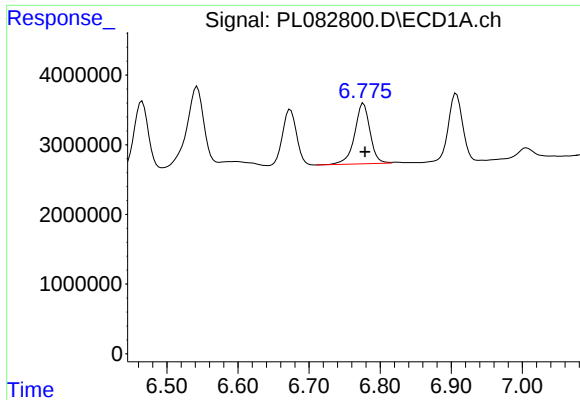
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 13122204
Conc: 6.47 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 10894601
Conc: 5.82 ng/ml



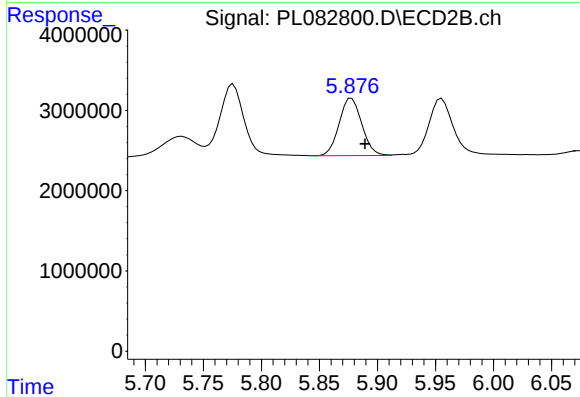
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 13070376
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

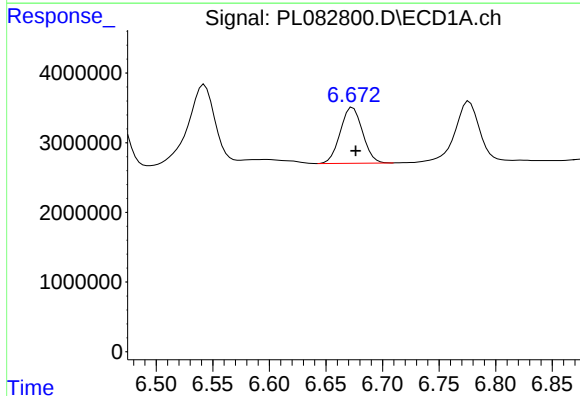
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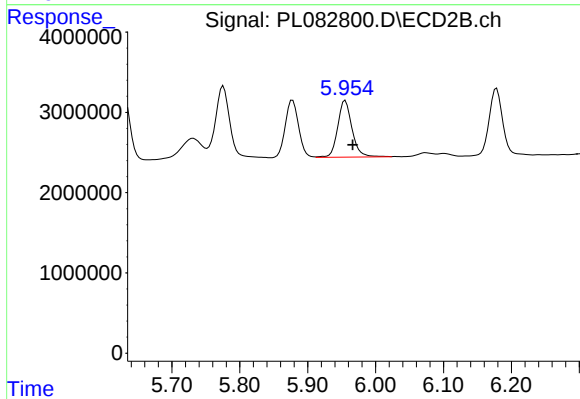
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 9729047
Conc: 4.61 ng/ml



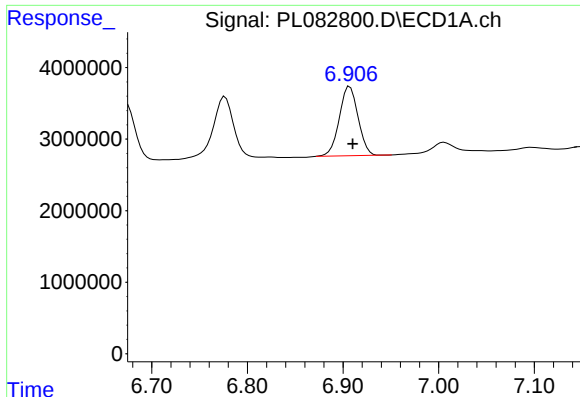
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 10984115
Conc: 5.83 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 10360593
Conc: 5.54 ng/ml



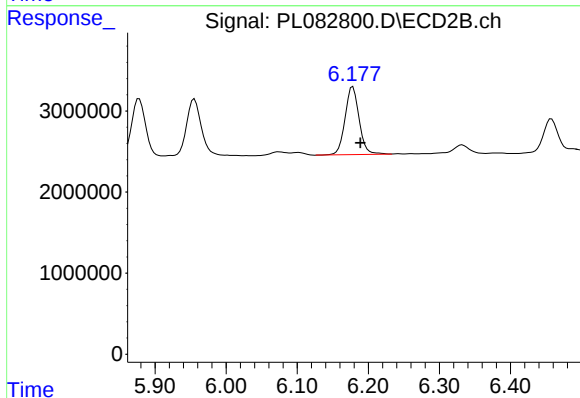
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 13280556
Conc: 5.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

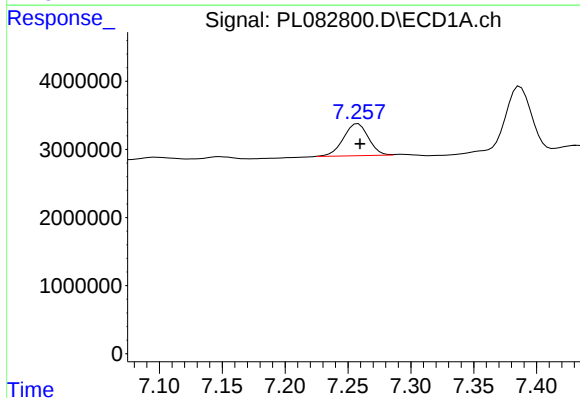
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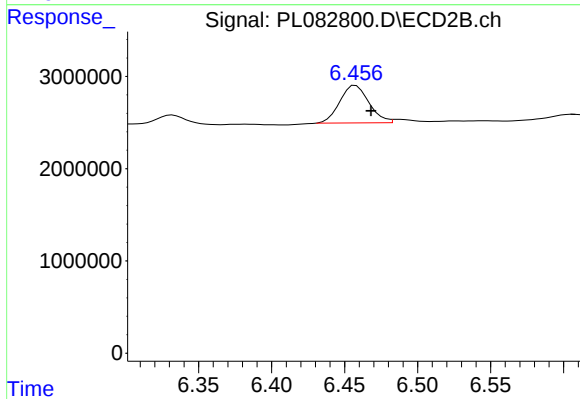
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 11522946
Conc: 4.89 ng/ml



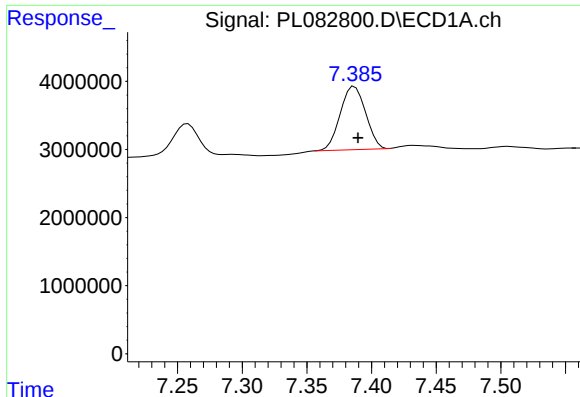
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 6491661
Conc: 5.32 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 5685742
Conc: 4.69 ng/ml m



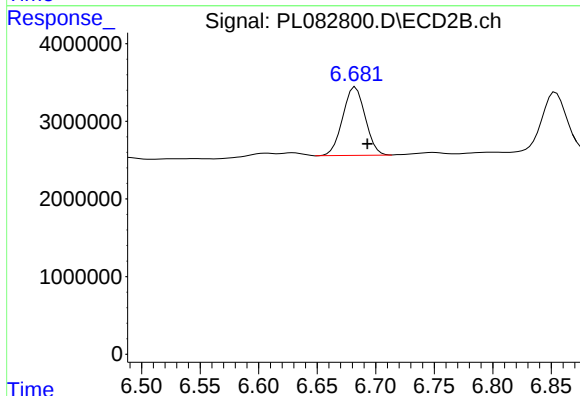
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 12673070
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

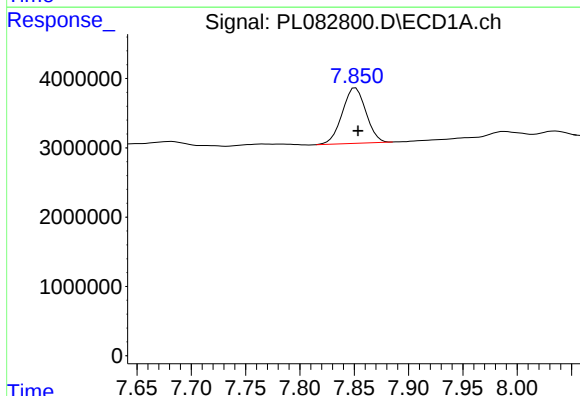
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Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



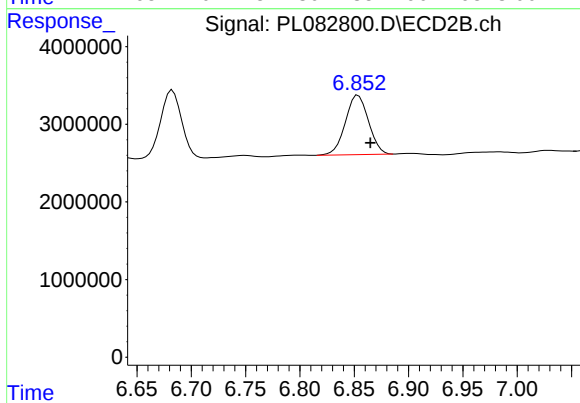
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.011 min
Response: 11803529
Conc: 4.65 ng/ml m



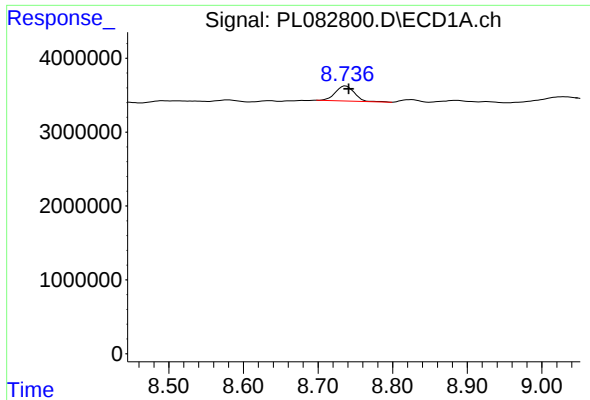
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 12143495
Conc: 6.21 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 11357007
Conc: 4.93 ng/ml m



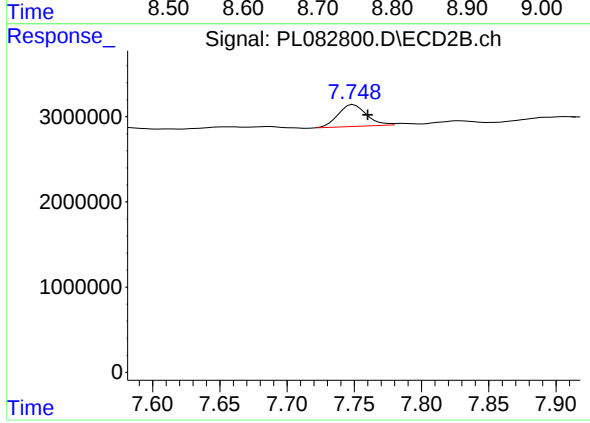
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.004 min
Response: 3608192
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-051723

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.010 min
Response: 3750556
Conc: 1.64 ng/ml