

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102124\
 Data File : PD086142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 20:04
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 02:40:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 02:04:00 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.379	2.822	8720130	54570980	5.125m	5.461
28) SA Decachlor...	8.814	7.976	13823761	57192289	6.340m	5.368
Target Compounds						
2) A alpha-BHC	3.824	3.326	18696085	92198185	5.082	5.559
3) MA gamma-BHC...	4.151	3.658	19300390	83362983	5.407	5.399
4) MA Heptachlor	4.743	4.006	14409313	81061573	5.078	5.571
5) MB Aldrin	5.081	4.290	17464173	85622133	5.228	5.614
6) B beta-BHC	4.339	3.951	6200751	35924426	5.204m	5.808
7) B delta-BHC	4.583	4.186	21892451	85468951	6.035m	5.424
8) B Heptachlo...	5.498	4.791	14988352	73558291	5.169m	5.545
9) A Endosulfan I	5.877	5.163	14008632	75721532	5.214m	5.982
10) B gamma-Chl...	5.752	5.042	14885233	78426534	5.245m	5.601
11) B alpha-Chl...	5.831	5.107	16217617	76003345	5.573m	5.609
12) B 4,4'-DDE	6.005	5.291	13384200	72740007	5.296m	5.430
13) MA Dieldrin	6.150	5.428	14939074	78971049	5.209	5.624
14) MA Endrin	6.373	5.703	12186549	72435317	5.111m	5.655
15) B Endosulfa...	6.587	5.994	13463235	65757966	5.593	5.553
16) A 4,4'-DDD	6.514	5.844	11194536	62736729	5.521	5.557
17) MA 4,4'-DDT	6.827	6.097	8148201	64066930	4.932	5.487
18) B Endrin al...	6.714	6.172	9177055	53243166	5.212m	5.622
19) B Endosulfa...	6.950	6.395	9602262	67974917	4.931	5.655
20) A Methoxychlor	7.303	6.665	4527602	33805242	5.336m	5.818m
21) B Endrin ke...	7.425	6.902	11028215	73017696	4.948	5.620
22) Mirex	7.903	7.093	8313759	60247228	5.304	5.876

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102124\
Data File : PD086142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2024 20:04
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

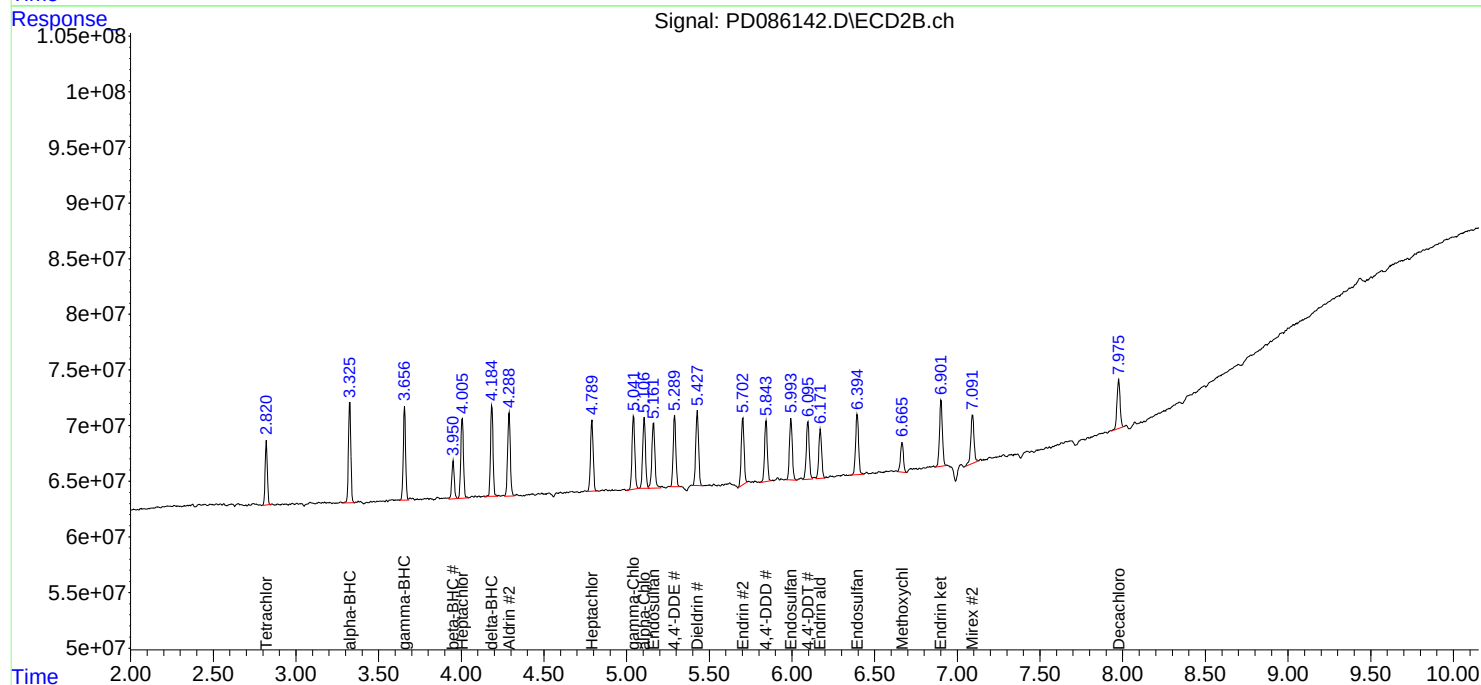
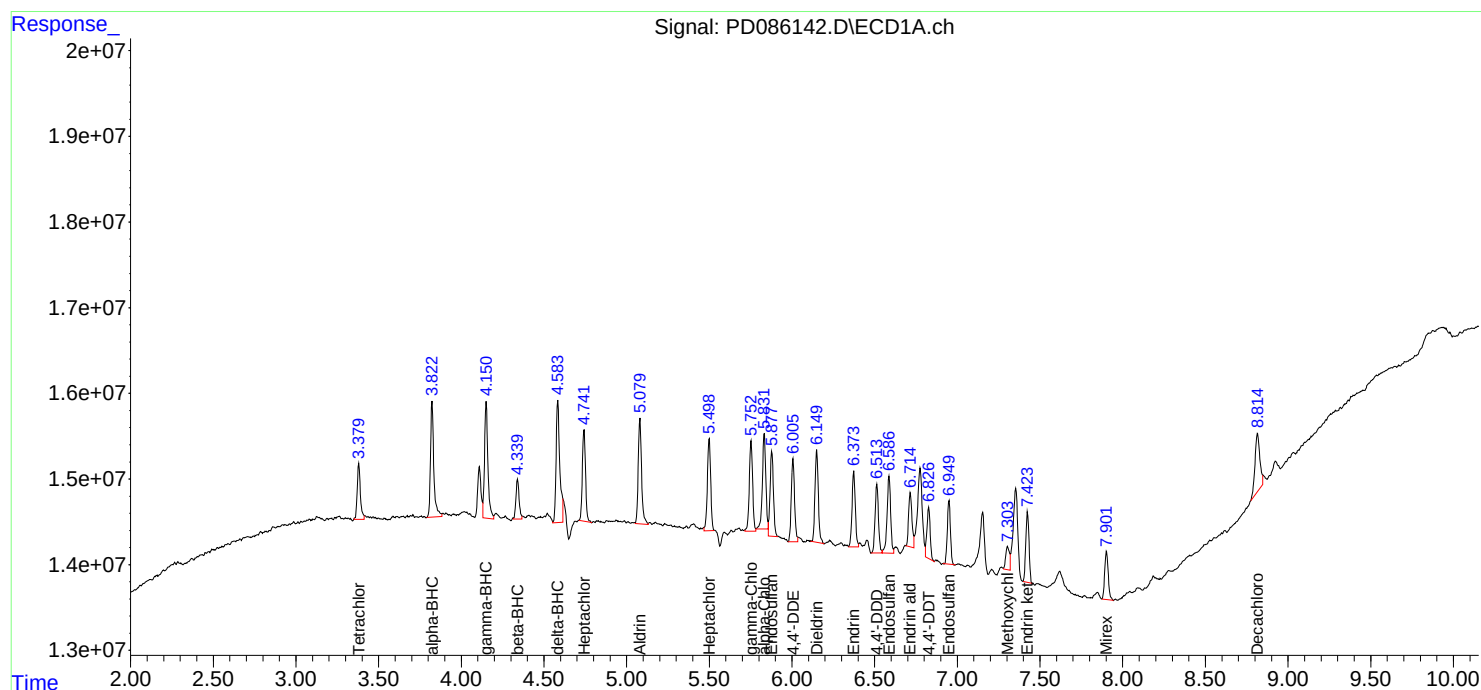
APPROVED

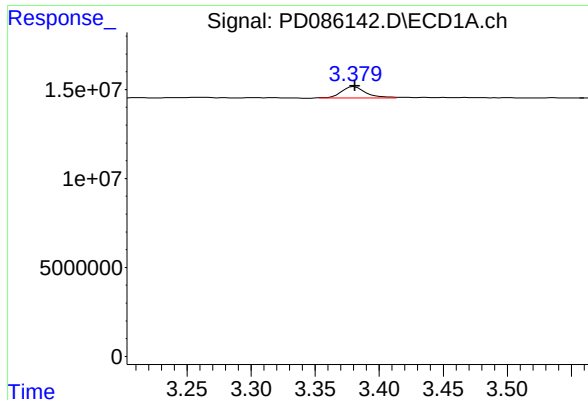
Reviewed By :Abdul Mirza 10/22/2024

Supervised By :Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 02:40:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 02:04:00 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.379 min
Delta R.T.: -0.002 min
Response: 8720130
Conc: 5.13 ng/ml

Instrument :

ECD_D

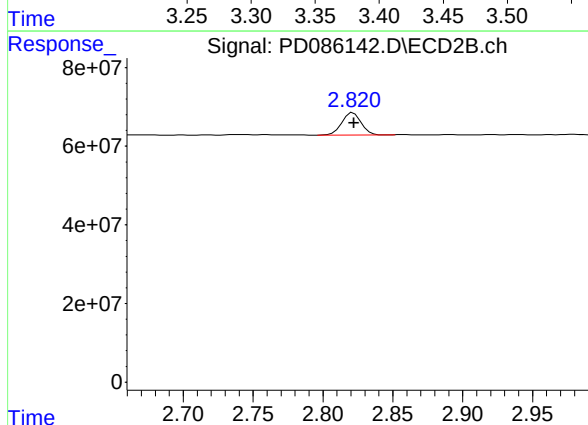
ClientSampleId :

PSTDICC005

Manual Integrations

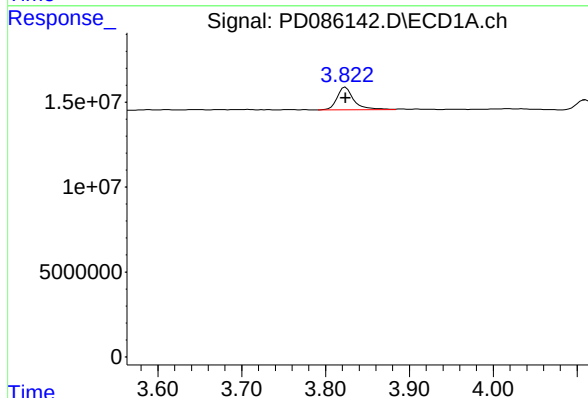
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



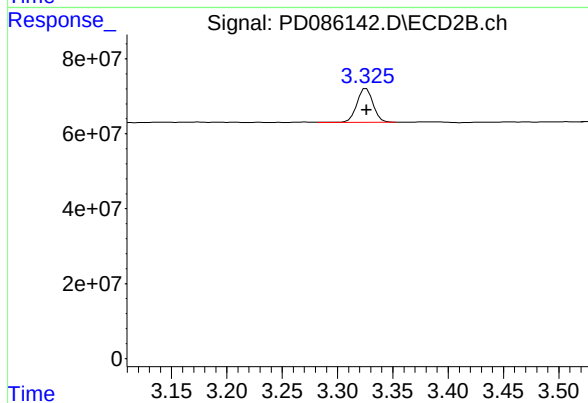
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 54570980
Conc: 5.46 ng/ml



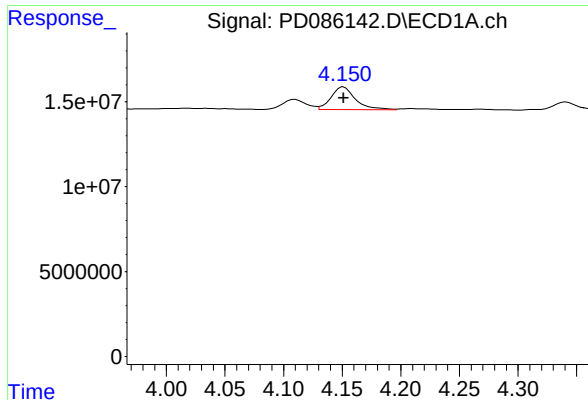
#2 alpha-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 18696085
Conc: 5.08 ng/ml



#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 92198185
Conc: 5.56 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 19300390
Conc: 5.41 ng/ml

Instrument :

ECD_D

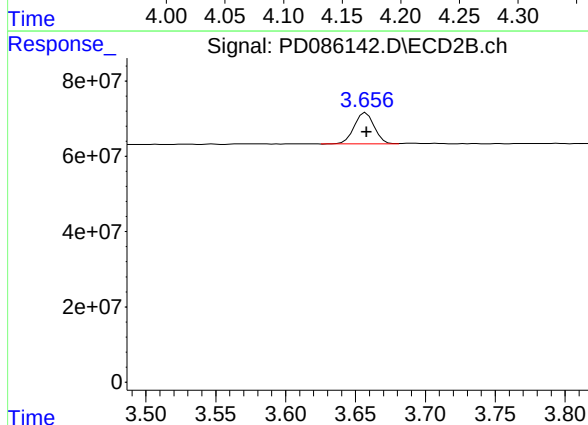
ClientSampleId :

PSTDICC005

Manual Integrations

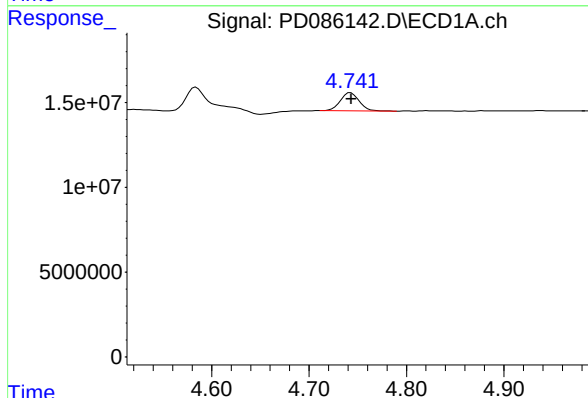
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



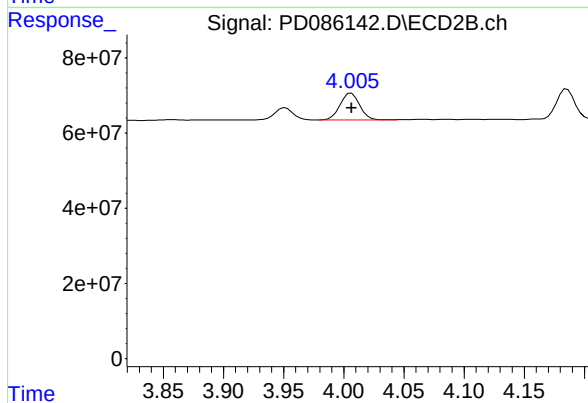
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: 0.000 min
Response: 83362983
Conc: 5.40 ng/ml



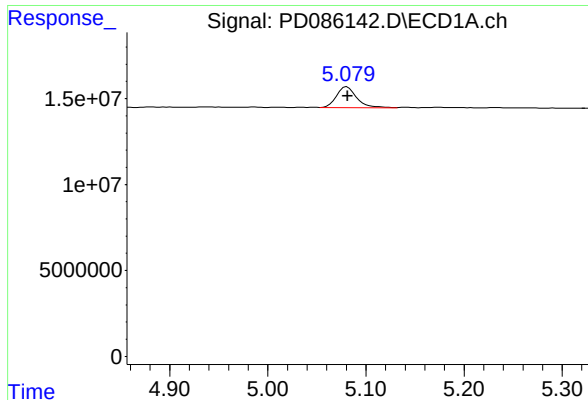
#4 Heptachlor

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 14409313
Conc: 5.08 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 81061573
Conc: 5.57 ng/ml



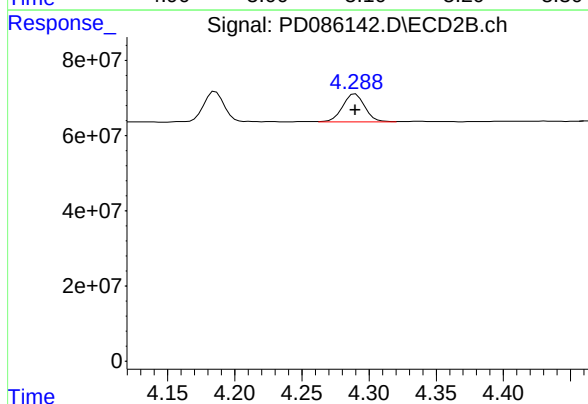
#5 Aldrin

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 17464173
Conc: 5.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

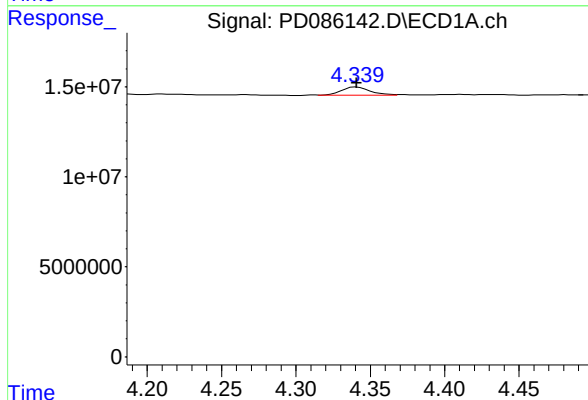
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



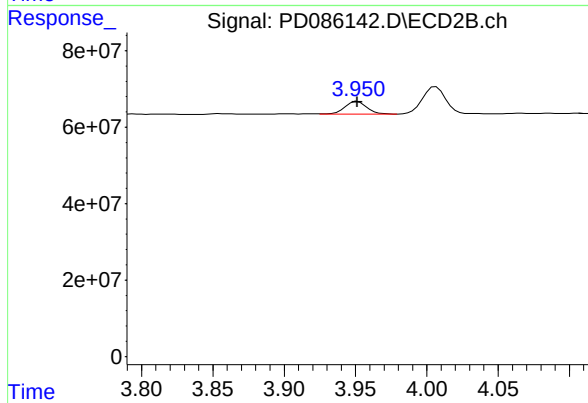
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 85622133
Conc: 5.61 ng/ml



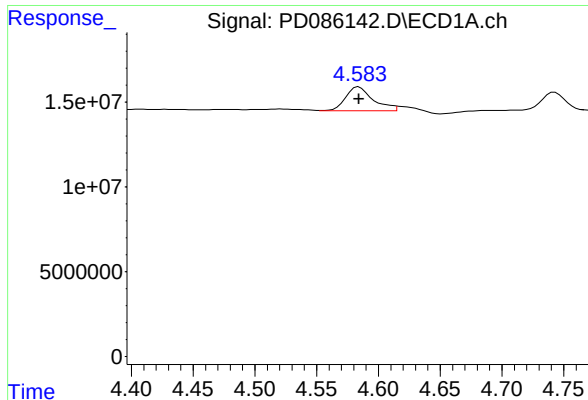
#6 beta-BHC

R.T.: 4.339 min
Delta R.T.: -0.001 min
Response: 6200751
Conc: 5.20 ng/ml m



#6 beta-BHC

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 35924426
Conc: 5.81 ng/ml



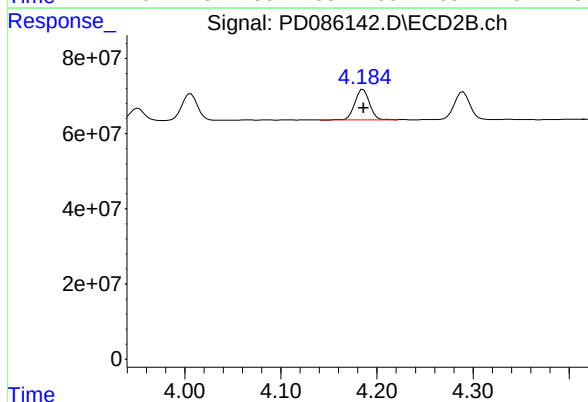
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 21892451
Conc: 6.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

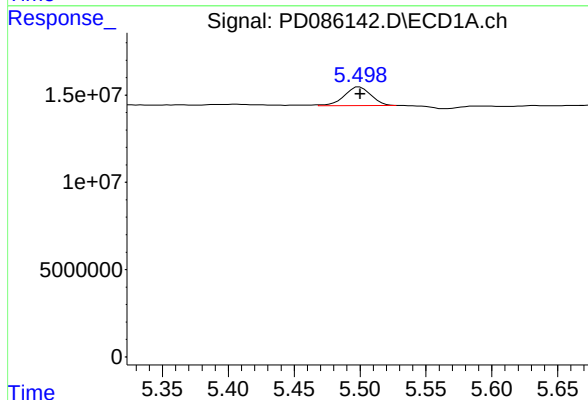
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



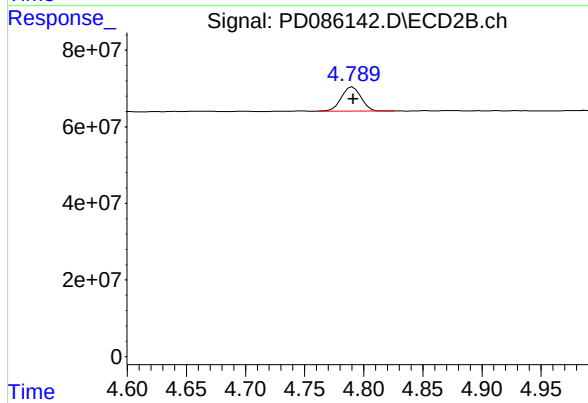
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 85468951
Conc: 5.42 ng/ml



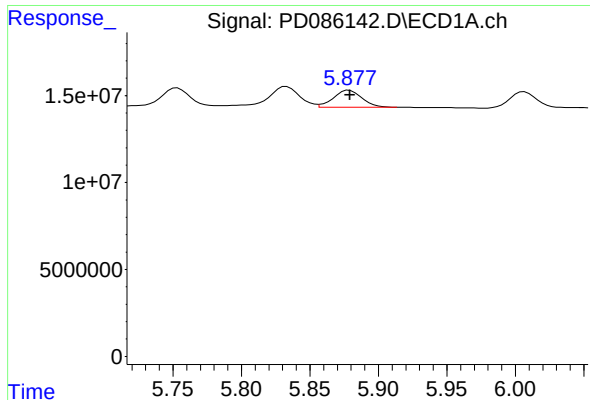
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.002 min
Response: 14988352
Conc: 5.17 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 73558291
Conc: 5.55 ng/ml



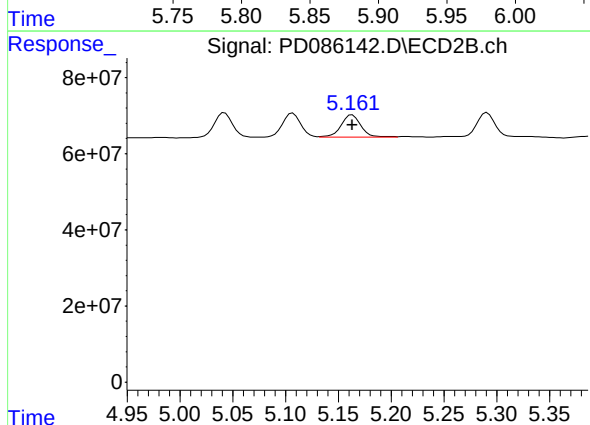
#9 Endosulfan I

R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 14008632
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

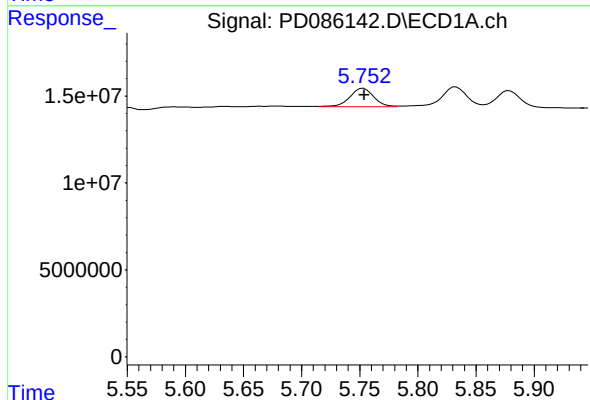
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



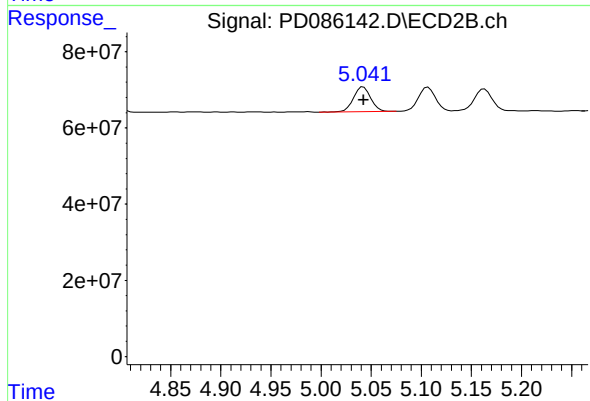
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 75721532
Conc: 5.98 ng/ml



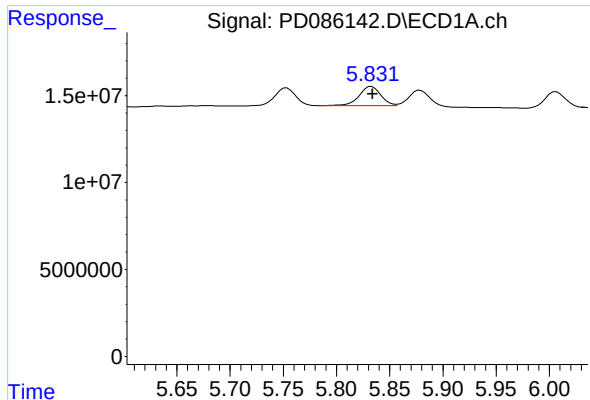
#10 gamma-Chlordane

R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 14885233
Conc: 5.25 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 78426534
Conc: 5.60 ng/ml



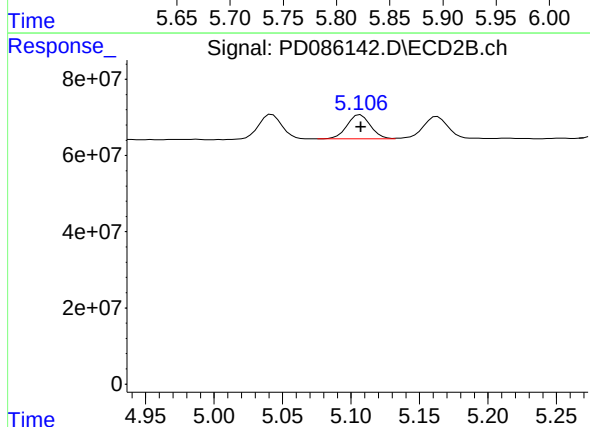
#11 alpha-Chlordane

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 16217617
Conc: 5.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

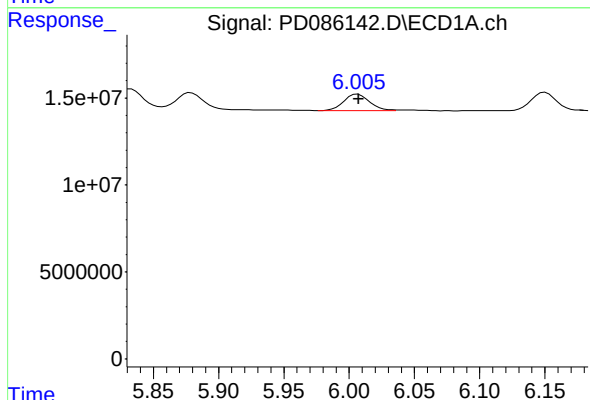
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



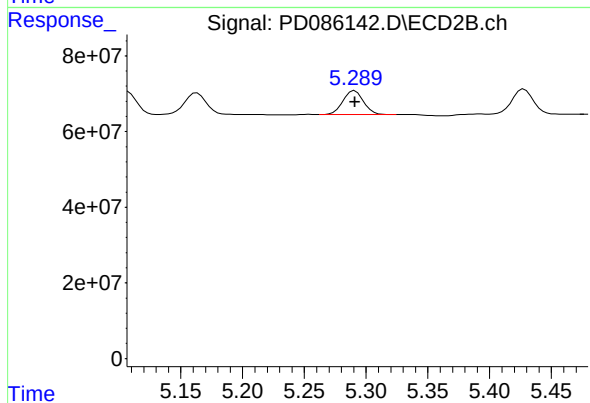
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 76003345
Conc: 5.61 ng/ml



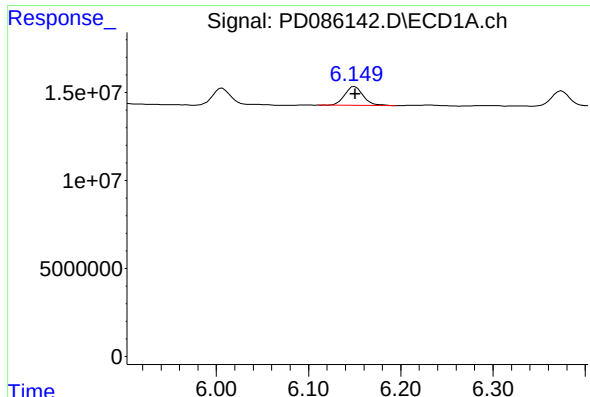
#12 4,4'-DDE

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 13384200
Conc: 5.30 ng/ml m



#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 72740007
Conc: 5.43 ng/ml



#13 Dieldrin

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 14939074
Conc: 5.21 ng/ml

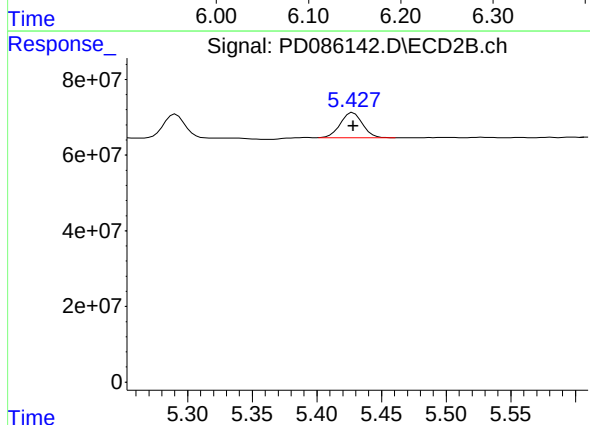
Instrument :

ECD_D

ClientSampleId :
PSTDICC005

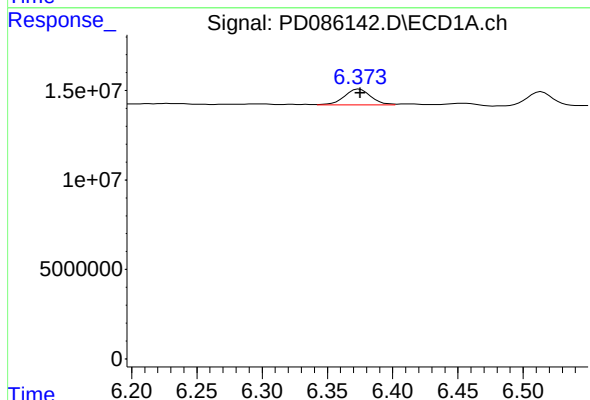
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



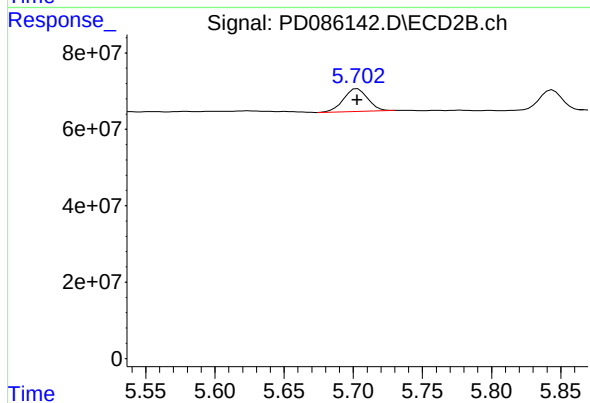
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 78971049
Conc: 5.62 ng/ml



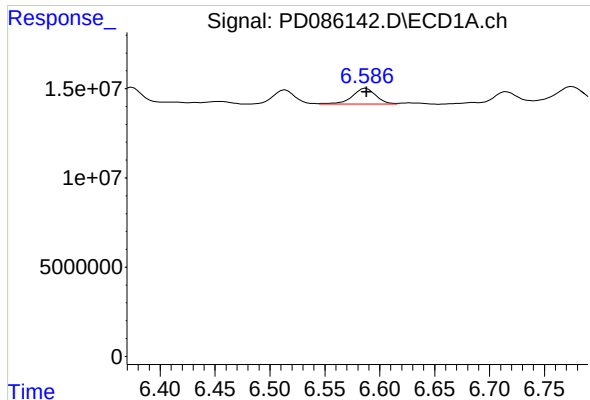
#14 Endrin

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 12186549
Conc: 5.11 ng/ml m



#14 Endrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 72435317
Conc: 5.65 ng/ml



#15 Endosulfan II

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 13463235
Conc: 5.59 ng/ml

Instrument :

ECD_D

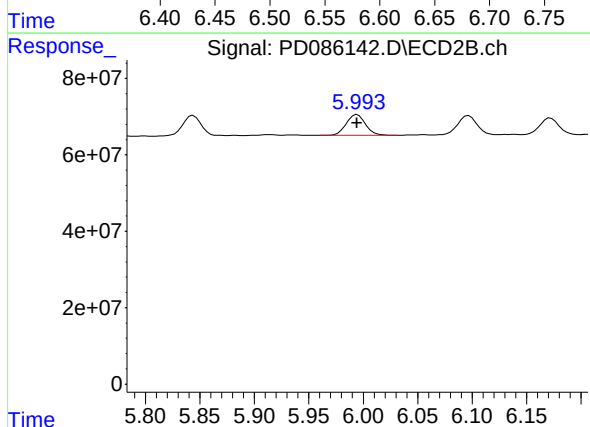
ClientSampleId :

PSTDICC005

Manual Integrations

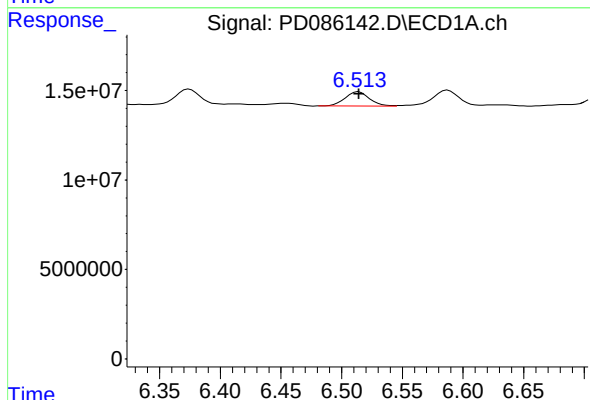
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



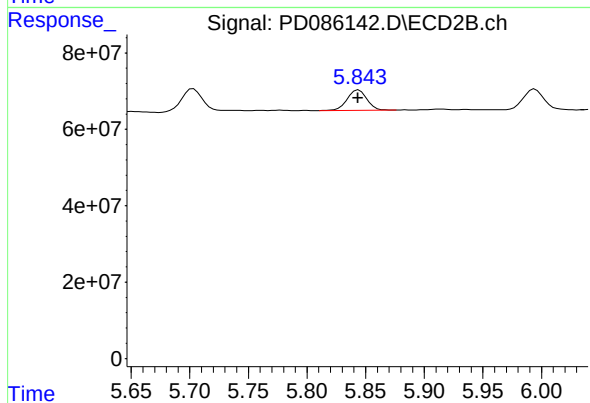
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 65757966
Conc: 5.55 ng/ml



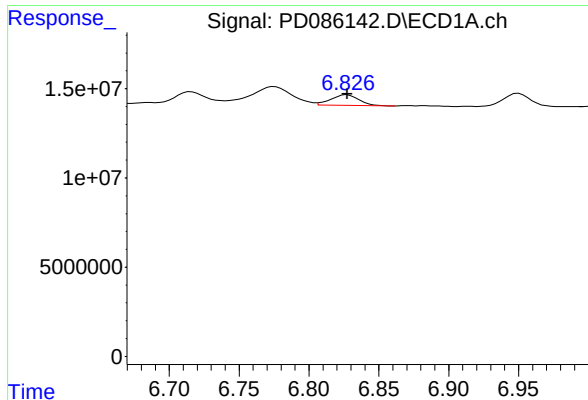
#16 4,4'-DDD

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 11194536
Conc: 5.52 ng/ml



#16 4,4'-DDD

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 62736729
Conc: 5.56 ng/ml



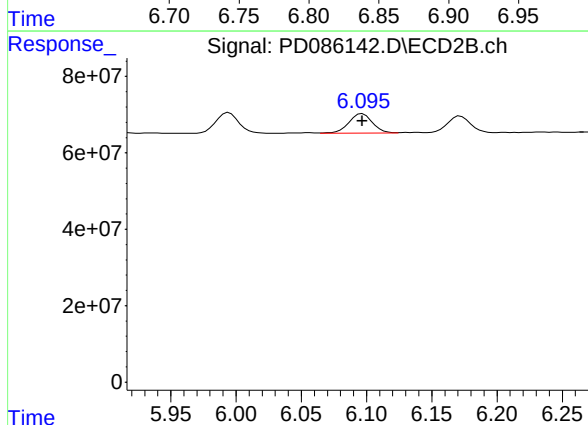
#17 4,4'-DDT

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 8148201
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

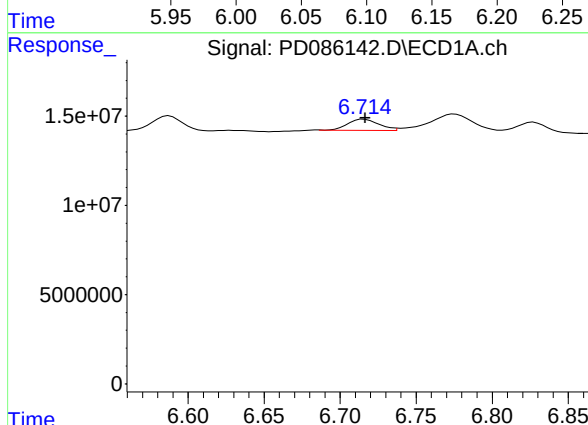
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



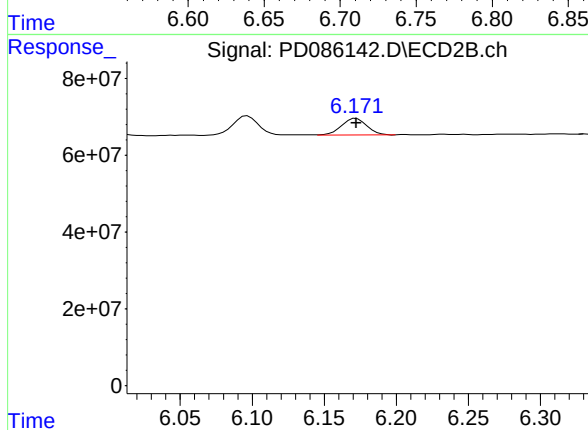
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 64066930
Conc: 5.49 ng/ml



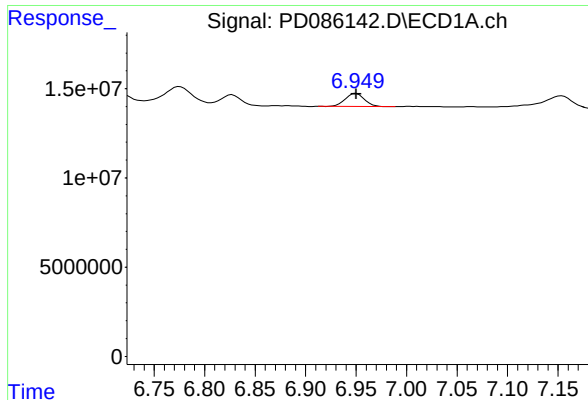
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 9177055
Conc: 5.21 ng/ml m



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 53243166
Conc: 5.62 ng/ml



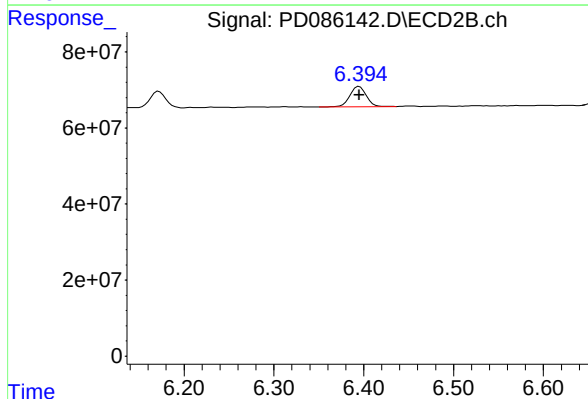
#19 Endosulfan Sulfate

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 9602262
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

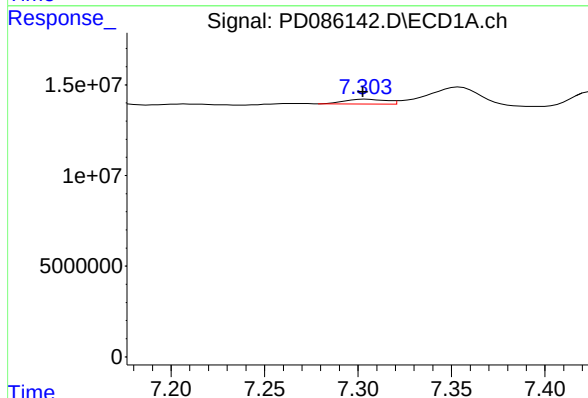
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



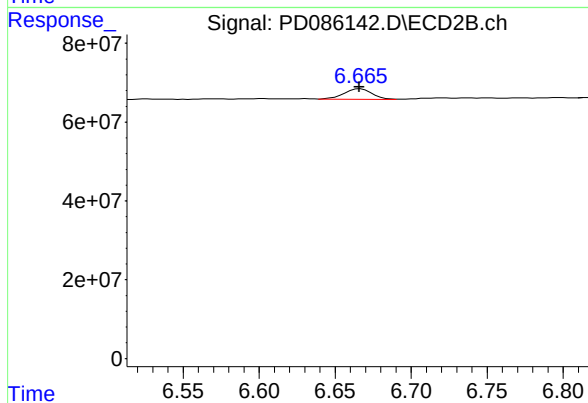
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 67974917
Conc: 5.66 ng/ml



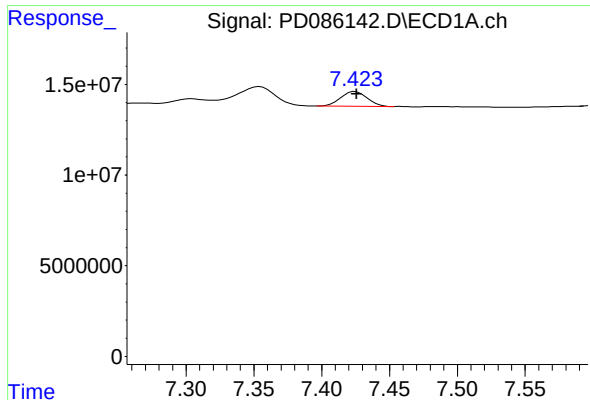
#20 Methoxychlor

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 4527602
Conc: 5.34 ng/ml m



#20 Methoxychlor

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 33805242
Conc: 5.82 ng/ml m



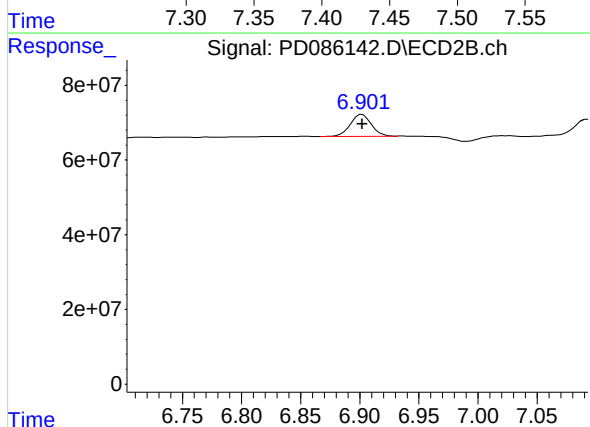
#21 Endrin ketone

R.T.: 7.425 min
Delta R.T.: -0.001 min
Response: 11028215
Conc: 4.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

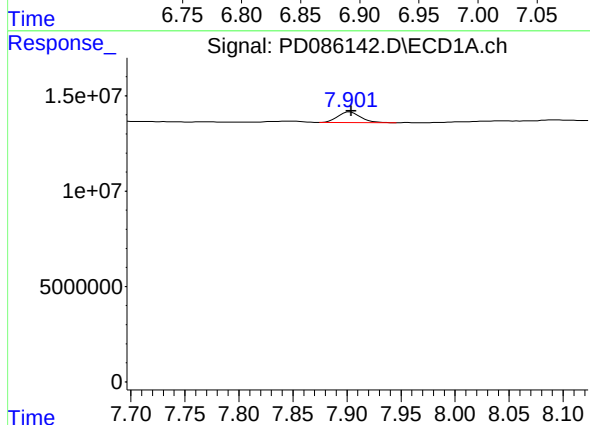
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



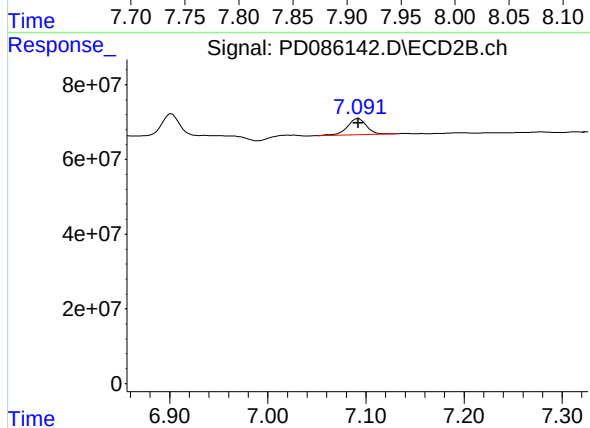
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 73017696
Conc: 5.62 ng/ml



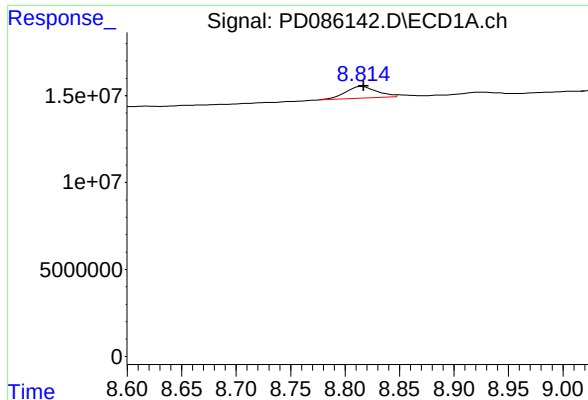
#22 Mirex

R.T.: 7.903 min
Delta R.T.: -0.001 min
Response: 8313759
Conc: 5.30 ng/ml



#22 Mirex

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 60247228
Conc: 5.88 ng/ml



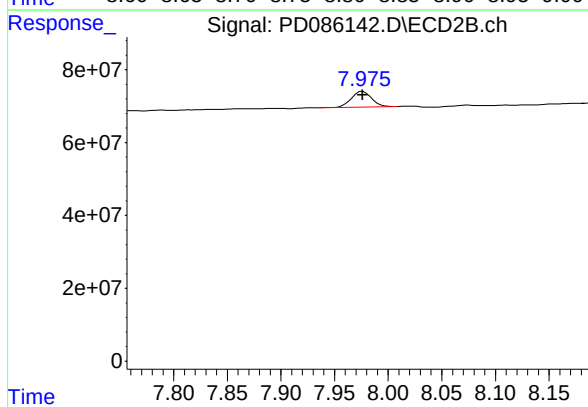
#28 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: -0.003 min
Response: 13823761
Conc: 6.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/22/2024
Supervised By :Ankita Jodhani 10/22/2024



#28 Decachlorobiphenyl

R.T.: 7.976 min
Delta R.T.: 0.000 min
Response: 57192289
Conc: 5.37 ng/ml