

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022222\
 Data File : PD068135.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 10:48
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2022
 Supervised By :Ankita Jodhani 03/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 06:52:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 09 16:19:02 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.450	4.175	7668894	55759382	5.268	6.030
28) SA Decachlor...	8.214	9.370	7800170	28752915	5.443m	5.776
Target Compounds						
2) A alpha-BHC	3.890	4.572	10278249	74491373	4.624	5.635
3) MA gamma-BHC...	4.174	4.862	9703643	68028185	4.748	5.729
4) MA Heptachlor	4.473	5.389	9511925	58159763	4.900	5.689
5) MB Aldrin	4.721	5.702	10613420	67347116	4.908	5.852
6) B beta-BHC	4.423	5.024	4692272	31762569	5.507	6.139
7) B delta-BHC	4.628	5.250	9664038	68185439	4.715	5.760
8) B Heptachlo...	5.166	6.090	10055133	61102407	5.159	6.052
9) A Endosulfan I	5.505	6.453	9280828	53398928	5.177	5.956
10) B gamma-Chl...	5.392	6.326	10213786	58864442	5.135	6.000
11) B alpha-Chl...	5.451	6.401	10191966	57412138	5.212	5.991
12) B 4,4'-DDE	5.618	6.551	8863976	52137197	4.866	5.771
13) MA Dieldrin	5.749	6.711	9775955	55716421	4.929	5.793
14) MA Endrin	6.007	6.931	8169820	39880674	4.979	5.564
15) B Endosulfa...	6.281	7.136	8662373	44412289	5.153	5.816
16) A 4,4'-DDD	6.135	7.042	7669739	40979477	5.004	5.847
17) MA 4,4'-DDT	6.376	7.345	6050457	29113705	4.398	5.135
18) B Endrin al...	6.451	7.260	6038636	30077390	5.470	5.808
19) B Endosulfa...	6.663	7.484	8192372	39443131	5.211	5.772
20) A Methoxychlor	6.928	7.798	3905742	14457157	5.020	5.342
21) B Endrin ke...	7.157	7.960	8972462	41474573	5.022	5.770
22) Mirex	7.342	8.425	8060176	29762251	5.639	5.937

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022222\
Data File : PD068135.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2022 10:48
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

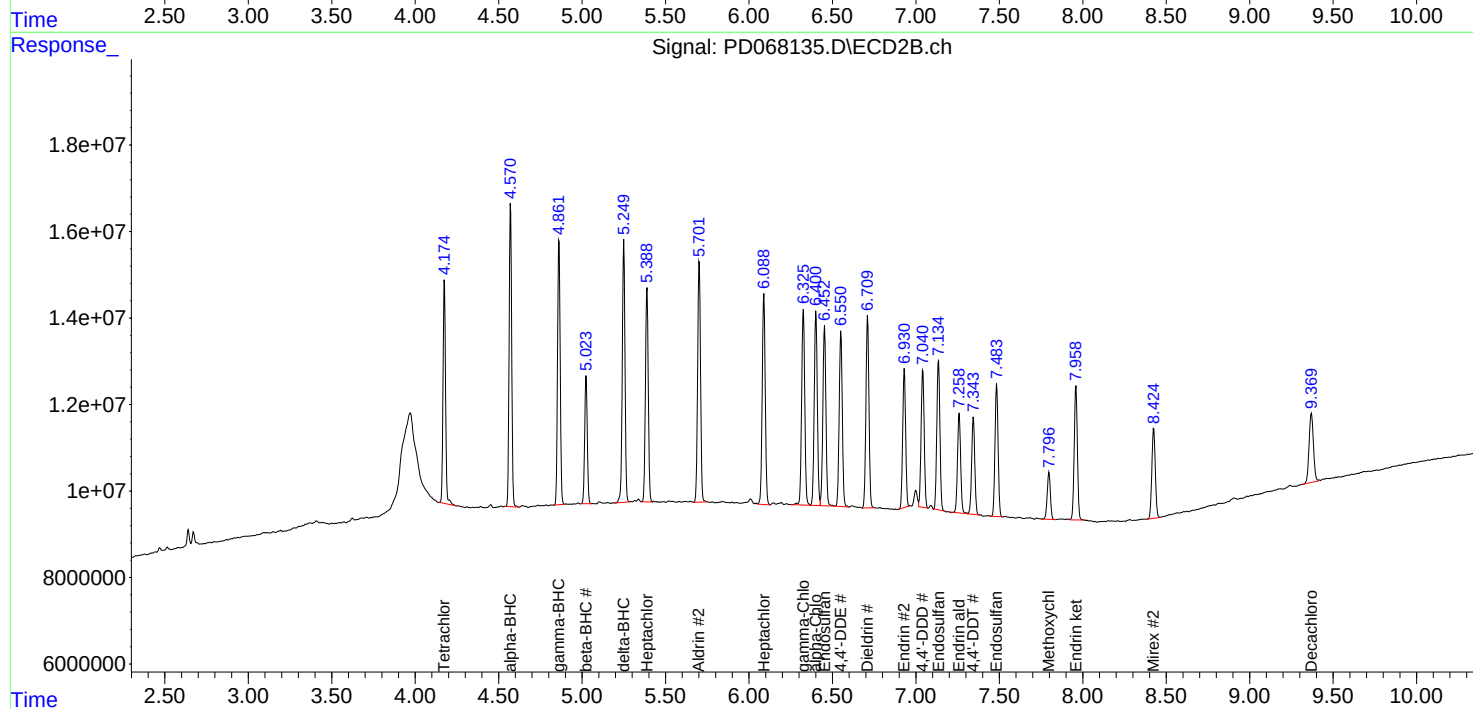
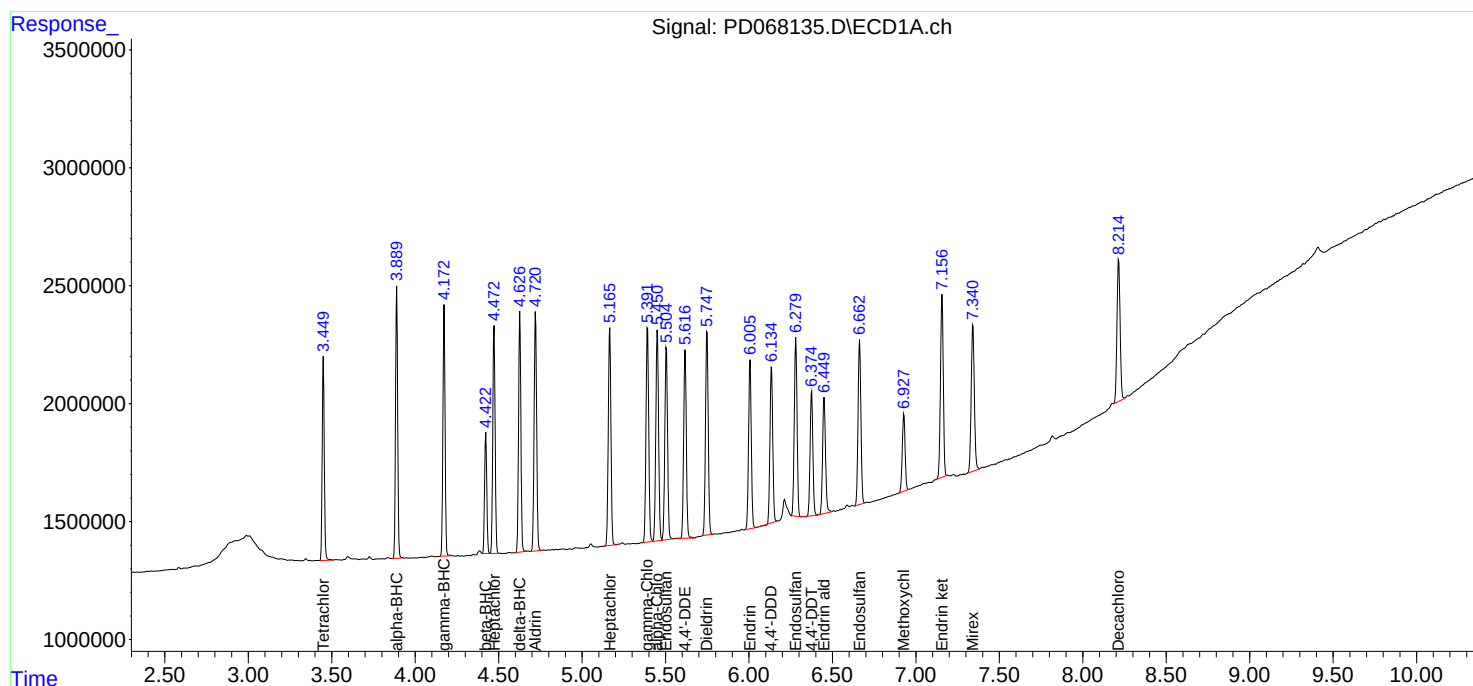
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

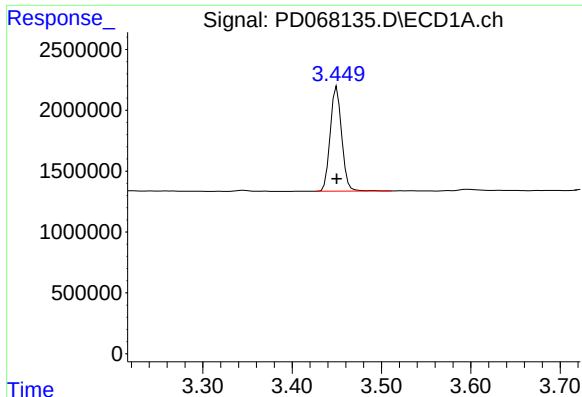
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 06:52:18 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
Quant Title : GC Extractables
QLast Update : Wed Mar 09 16:19:02 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





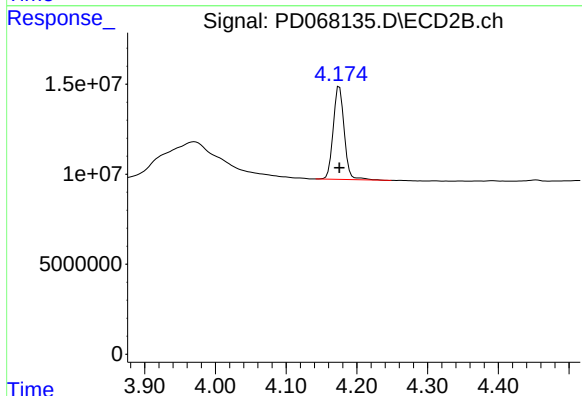
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 7668894
Conc: 5.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

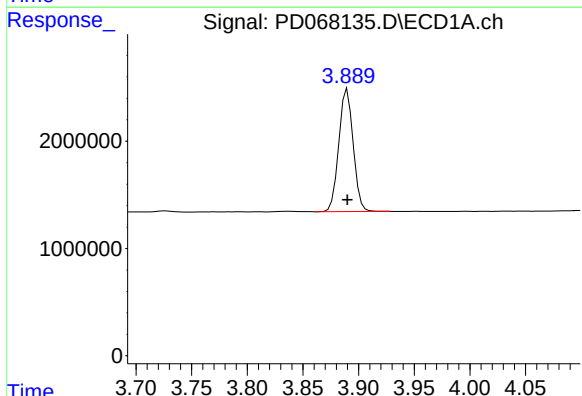
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



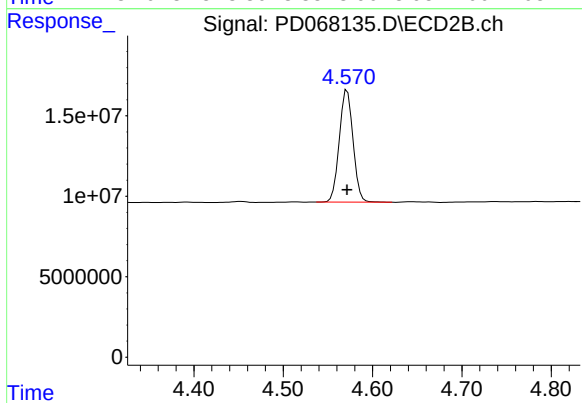
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 55759382
Conc: 6.03 ng/ml



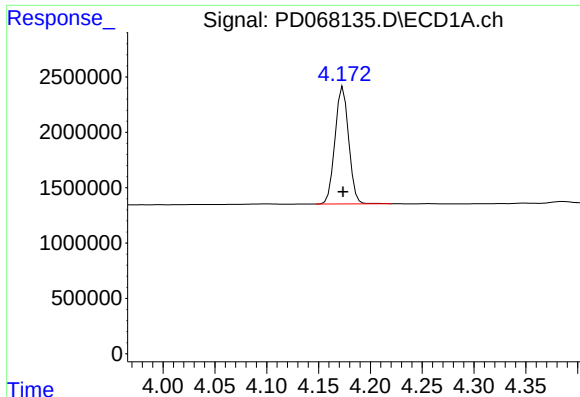
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 10278249
Conc: 4.62 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 74491373
Conc: 5.64 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 9703643
Conc: 4.75 ng/ml

Instrument :

ECD_D

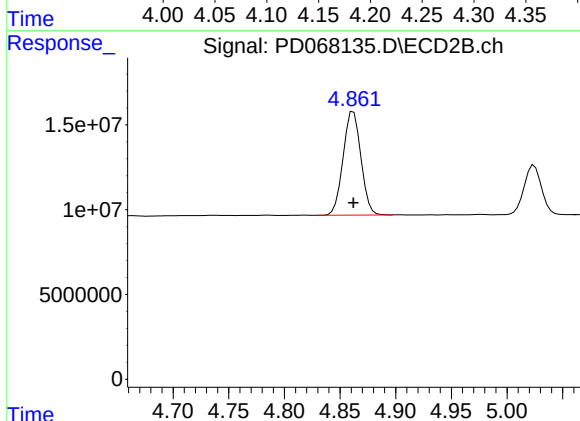
ClientSampleId :

PSTDICC005

Manual Integrations

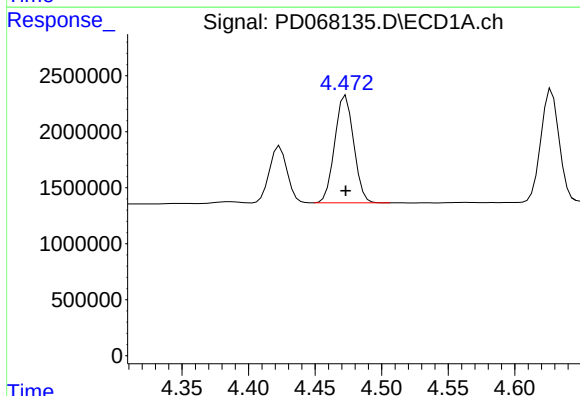
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



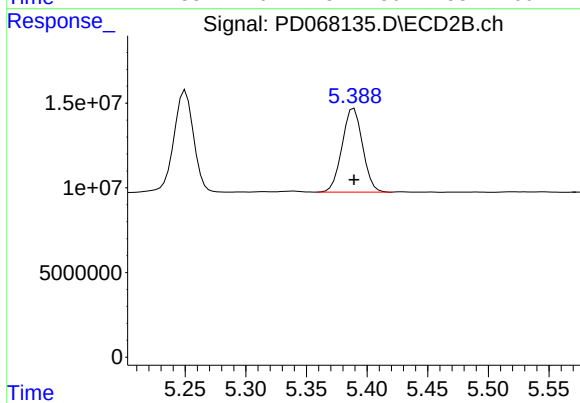
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 68028185
Conc: 5.73 ng/ml



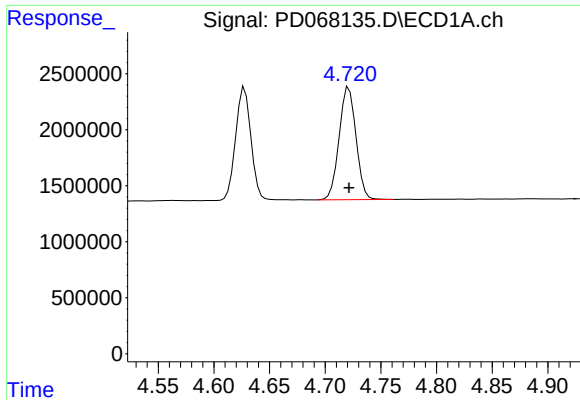
#4 Heptachlor

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 9511925
Conc: 4.90 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 58159763
Conc: 5.69 ng/ml



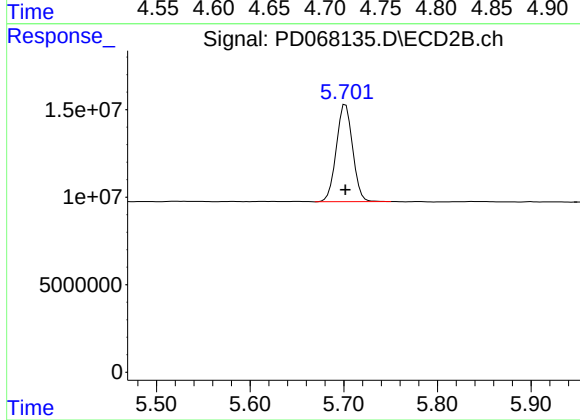
#5 Aldrin

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 10613420
Conc: 4.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

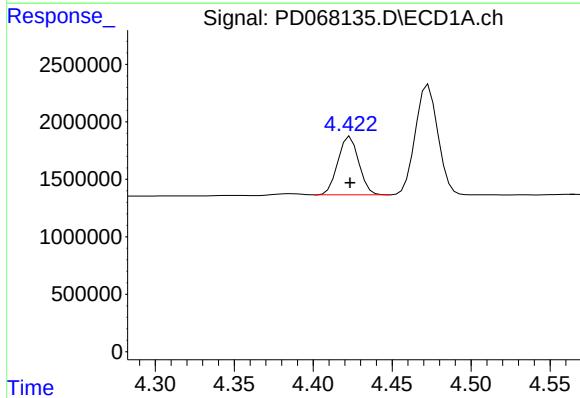
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



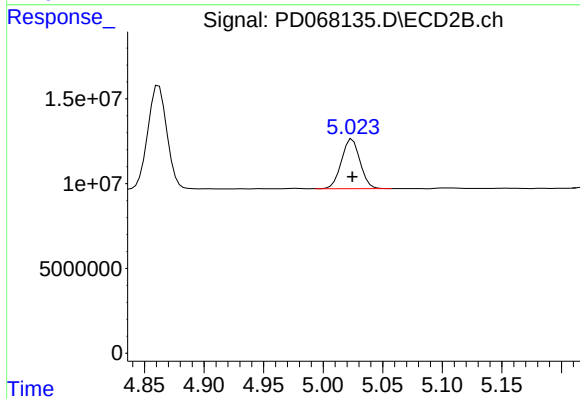
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 67347116
Conc: 5.85 ng/ml



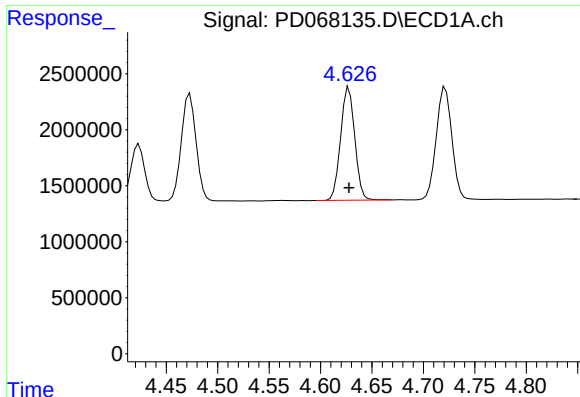
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 4692272
Conc: 5.51 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 31762569
Conc: 6.14 ng/ml



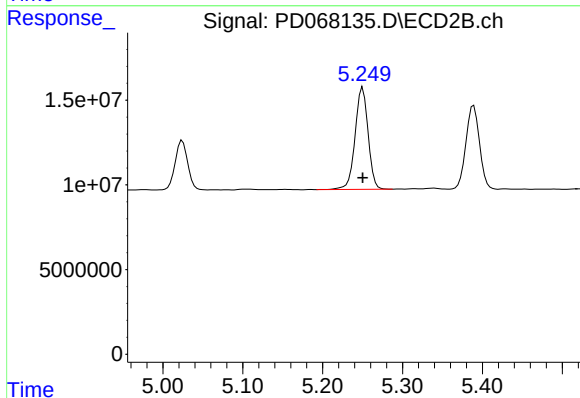
#7 delta-BHC

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 9664038
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

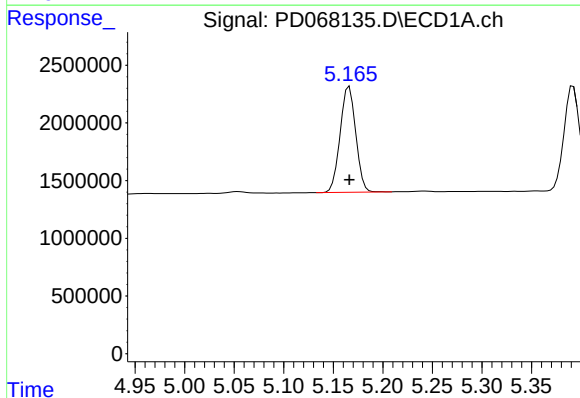
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



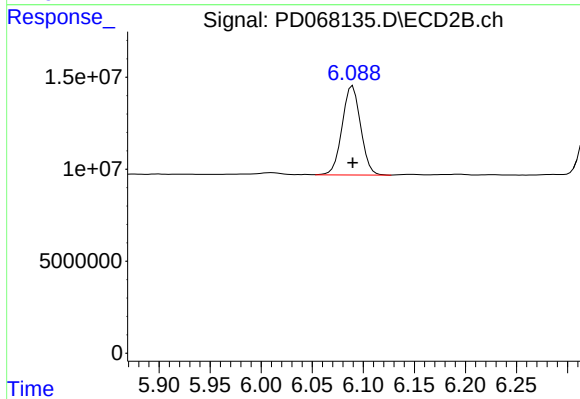
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 68185439
Conc: 5.76 ng/ml



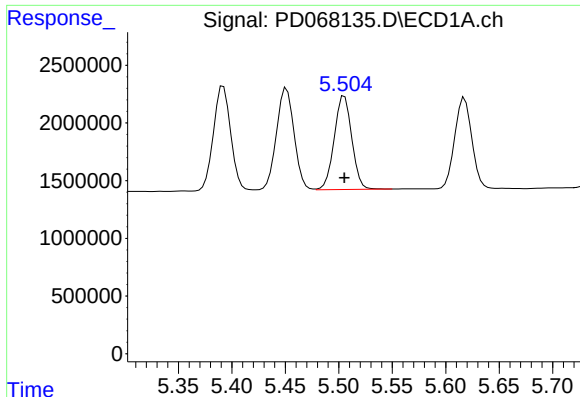
#8 Heptachlor epoxide

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 10055133
Conc: 5.16 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 61102407
Conc: 6.05 ng/ml



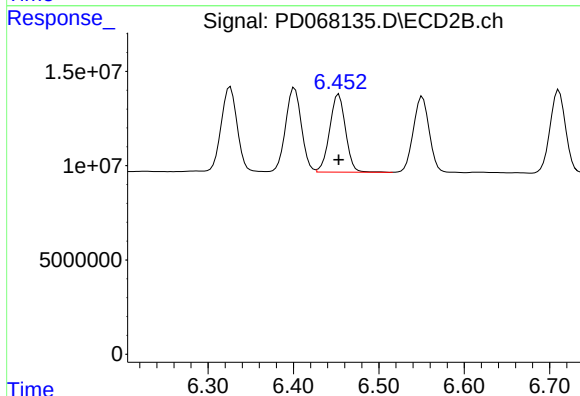
#9 Endosulfan I

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 9280828
Conc: 5.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

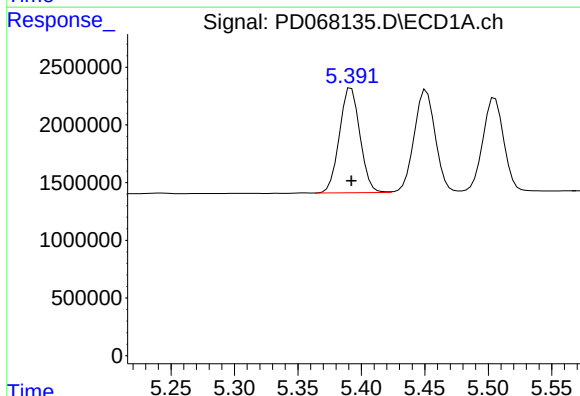
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



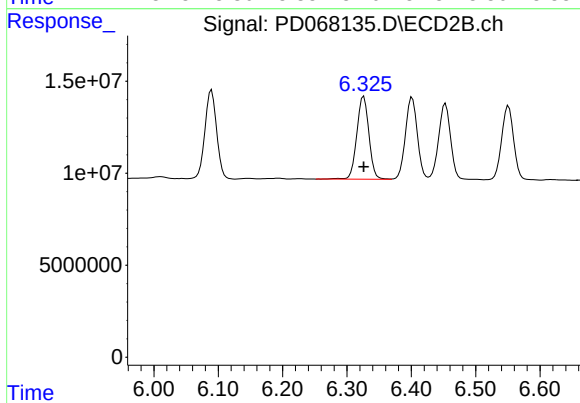
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 53398928
Conc: 5.96 ng/ml



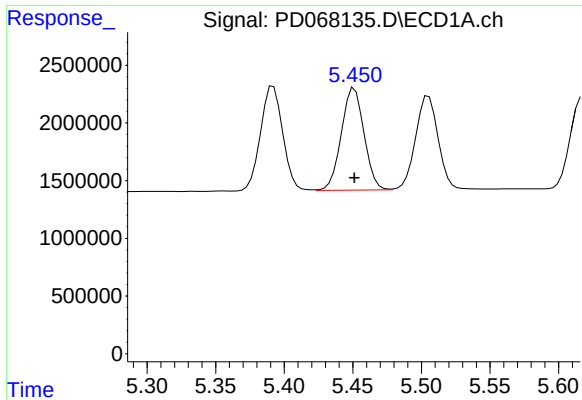
#10 gamma-Chlordane

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 10213786
Conc: 5.14 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 58864442
Conc: 6.00 ng/ml



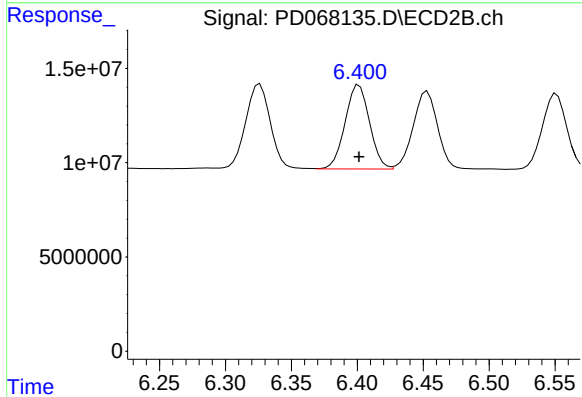
#11 alpha-Chlordane

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 10191966
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

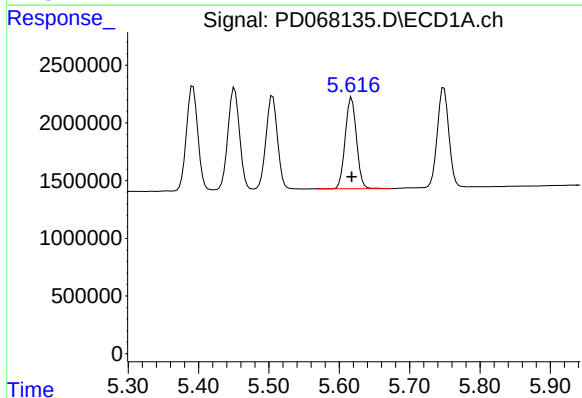
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



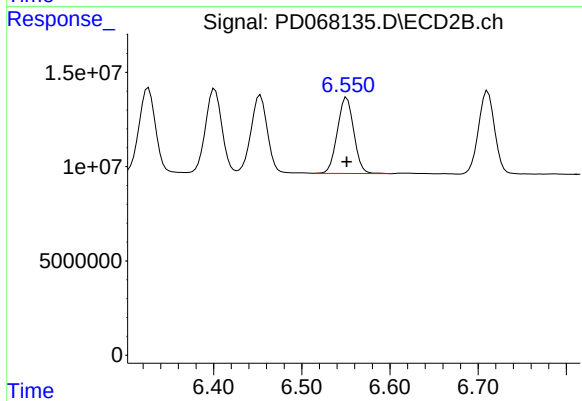
#11 alpha-Chlordane

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 57412138
Conc: 5.99 ng/ml



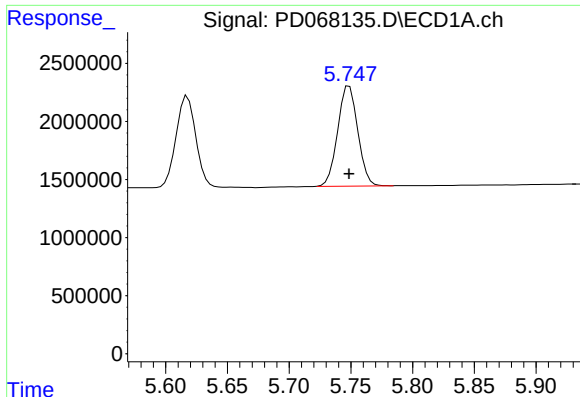
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 8863976
Conc: 4.87 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 52137197
Conc: 5.77 ng/ml



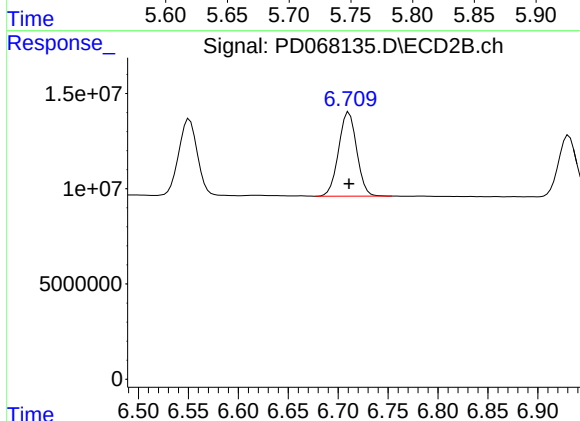
#13 Dieldrin

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 9775955
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

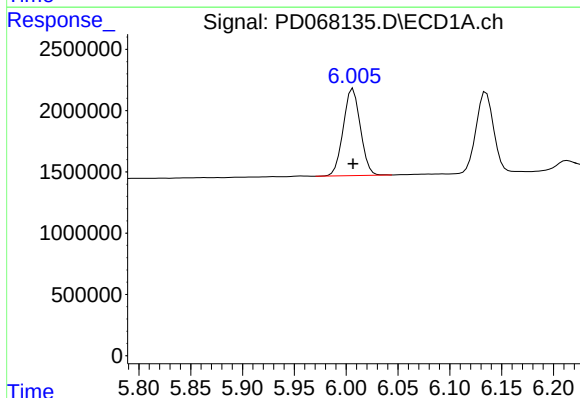
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



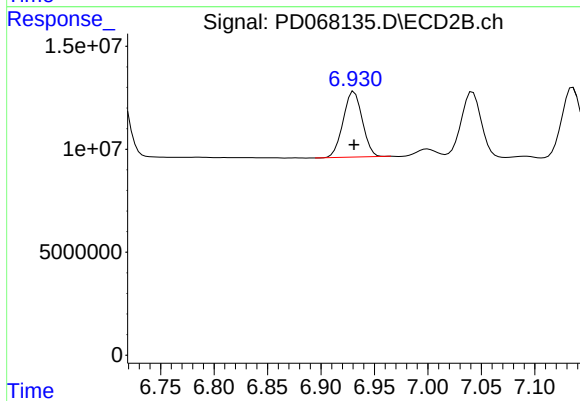
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 55716421
Conc: 5.79 ng/ml



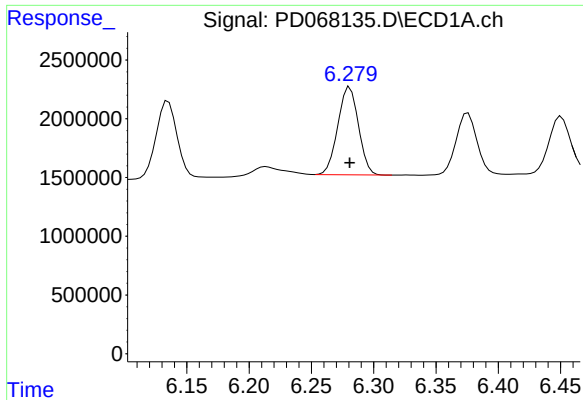
#14 Endrin

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 8169820
Conc: 4.98 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 39880674
Conc: 5.56 ng/ml



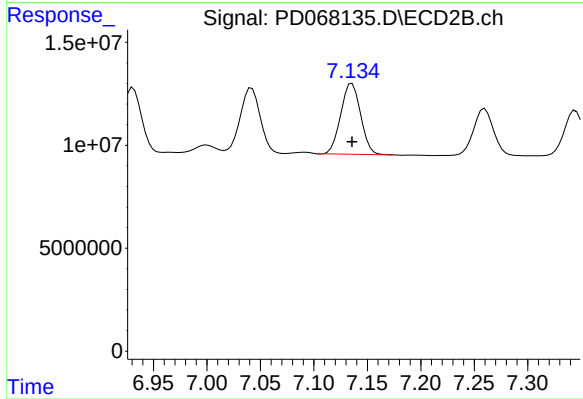
#15 Endosulfan II

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 8662373
Conc: 5.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

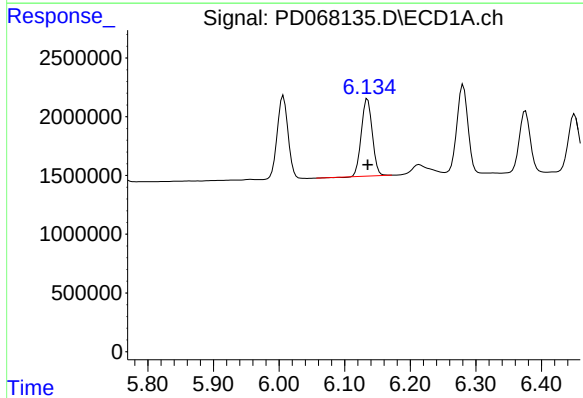
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



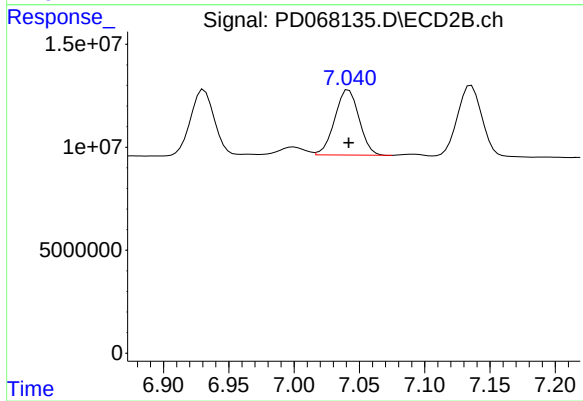
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 44412289
Conc: 5.82 ng/ml



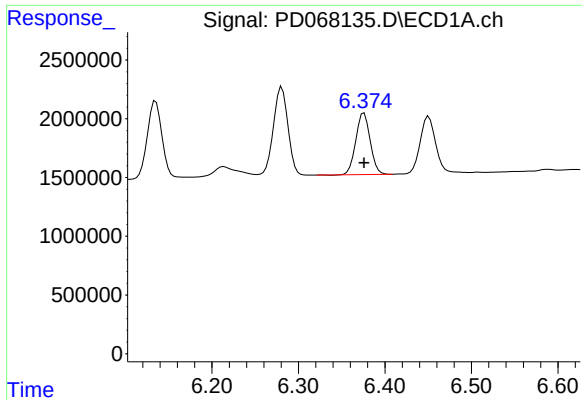
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 7669739
Conc: 5.00 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 40979477
Conc: 5.85 ng/ml



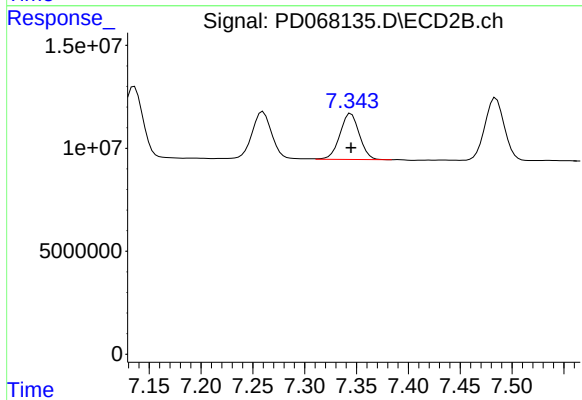
#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 6050457
Conc: 4.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

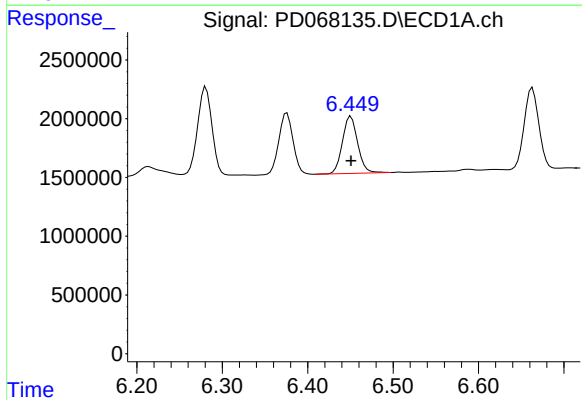
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



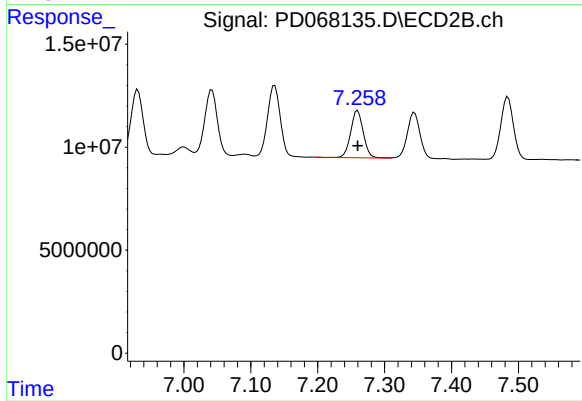
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 29113705
Conc: 5.14 ng/ml



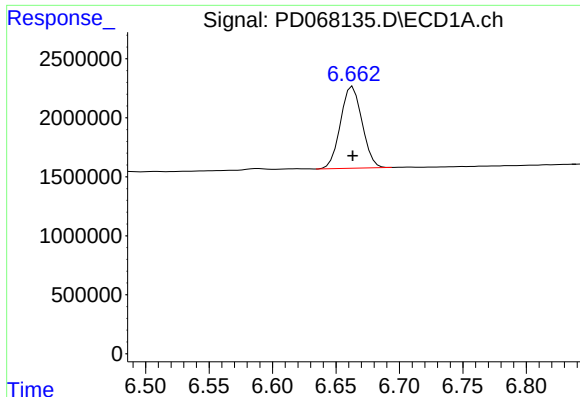
#18 Endrin aldehyde

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 6038636
Conc: 5.47 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 30077390
Conc: 5.81 ng/ml



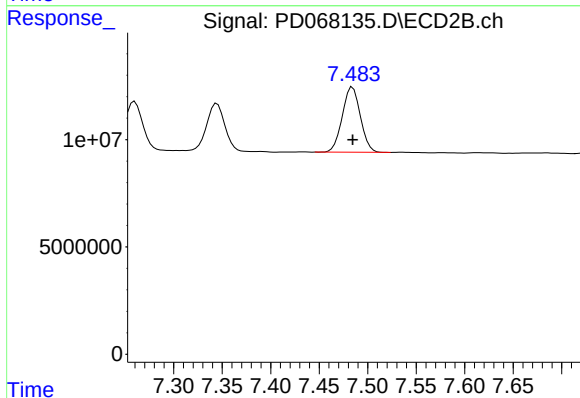
#19 Endosulfan Sulfate

R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 8192372
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

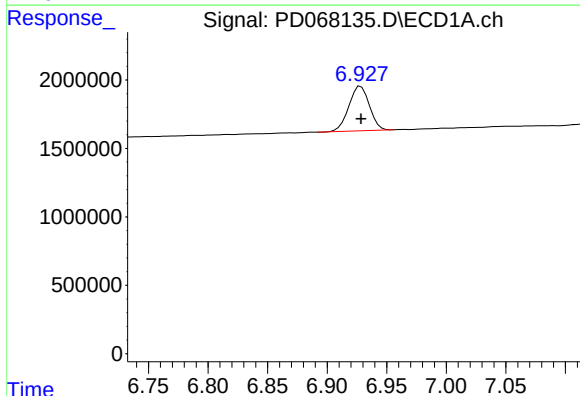
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



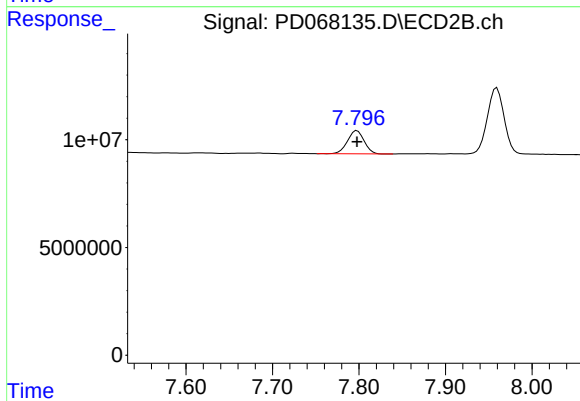
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 39443131
Conc: 5.77 ng/ml



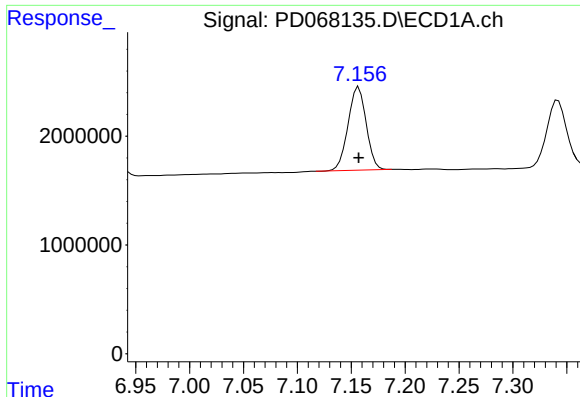
#20 Methoxychlor

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 3905742
Conc: 5.02 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 14457157
Conc: 5.34 ng/ml



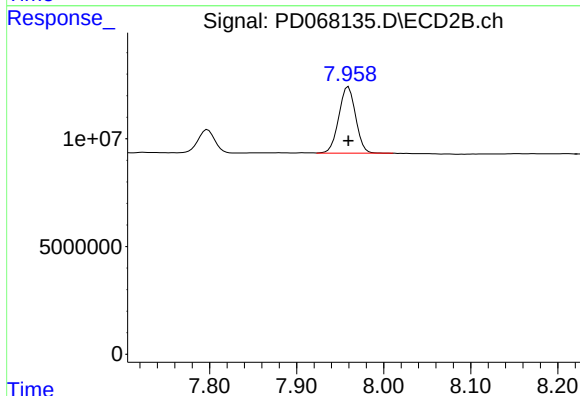
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 8972462
Conc: 5.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

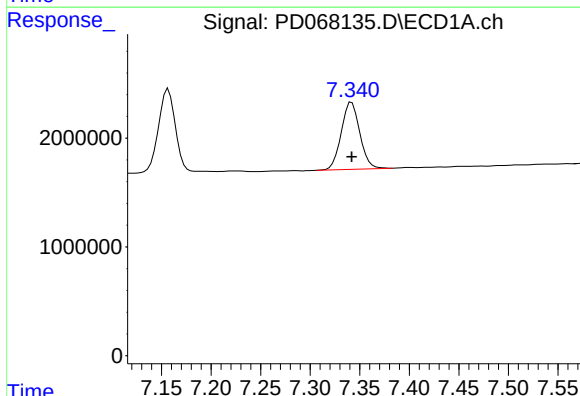
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



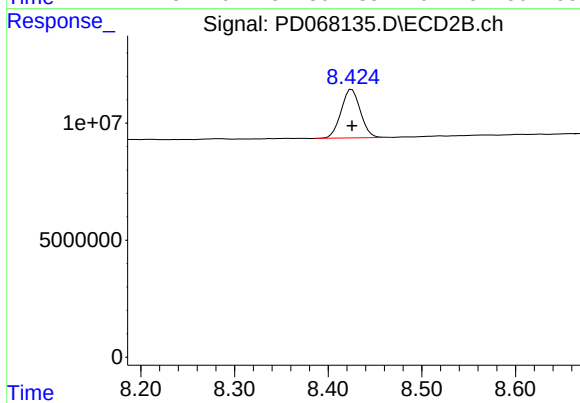
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 41474573
Conc: 5.77 ng/ml



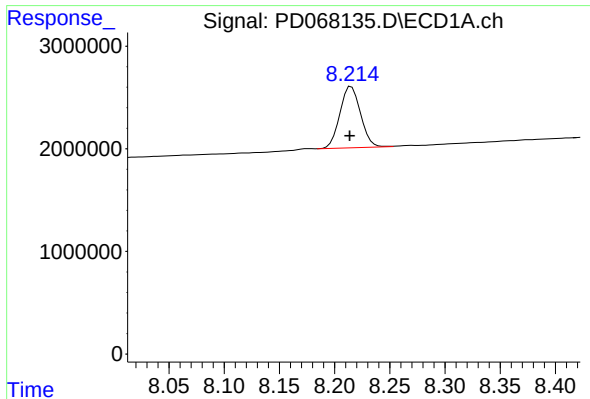
#22 Mirex

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 8060176
Conc: 5.64 ng/ml



#22 Mirex

R.T.: 8.425 min
Delta R.T.: 0.000 min
Response: 29762251
Conc: 5.94 ng/ml



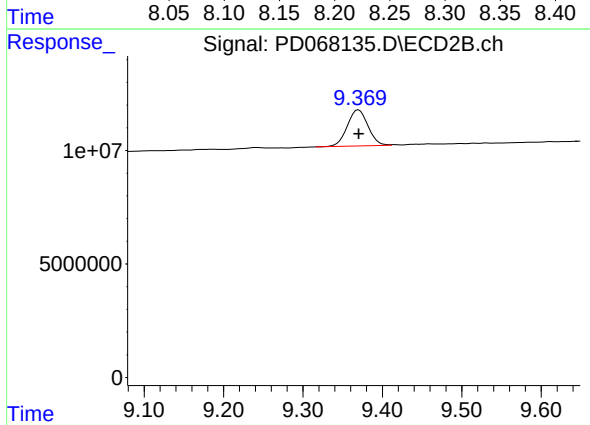
#28 Decachlorobiphenyl

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 7800170
Conc: 5.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2022
Supervised By :Ankita Jodhani 03/10/2022



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: 0.000 min
Response: 28752915
Conc: 5.78 ng/ml