

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121421\
 Data File : PD067312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2021 17:58
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/15/2021
 Supervised By : Ankita Jodhani 12/15/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 18:33:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 17:25:57 2021
 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 x 0.2 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...	3.440	3.964	9941863	52733874	5.430	6.148
2) SA Decachlor...	8.163	9.025	5620999	27574403	6.216	6.341
Target Compounds						
2) A alpha-BHC	3.877	4.357	14969208	78053073	4.854	6.538 #
3) MA gamma-BHC...	4.159	4.642	14406927	70246063	5.062	6.726 #
4) MA Heptachlor	4.452	5.142	14837368	58114744	5.063	6.464 #
5) MB Aldrin	4.697	5.446	14531050	53450460	5.094	6.648 #
6) B beta-BHC	4.408	4.819	7619230	29655745	6.371	6.544m
7) B delta-BHC	4.610	5.036	13975597	62517758	5.102	6.933 #
8) B Heptachlo...	5.138	5.836	13654169	41254934	5.346	6.528
9) A Endosulfan I	5.475	6.193	12416338	42905280	5.368	6.424
10) B gamma-Chl...	5.362	6.070	13735713	45392519	5.336	6.432
11) B alpha-Chl...	5.420	6.142	13663825	45549321	5.461	6.547
12) B 4,4'-DDE	5.584	6.302	12469931	40075575	5.388	6.067
13) MA Dieldrin	5.716	6.452	12847663	44168618	5.162	6.458 #
14) MA Endrin	5.973	6.670	11757869	36837239	5.375	6.254
15) B Endosulfa...	6.246	6.885	11999350	35543105	6.279	6.501
16) A 4,4'-DDD	6.098	6.797	9078476	32491582	5.010	6.145
17) MA 4,4'-DDT	6.337	7.094	9379142	32882843	4.962	6.128
18) B Endrin al...	6.415	7.011	8483432	27045453	5.962	6.450
19) B Endosulfa...	6.627	7.234	10777173	34692597	6.235	6.578
20) A Methoxychlor	6.884	7.557	5832395	17701932	6.102	6.176
21) B Endrin ke...	7.118	7.706	10978868	41251555	5.898	7.045
22) Mirex	7.297	8.154	8812947	27351532	6.667	6.364

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121421\
 Data File : PD067312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2021 17:58
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

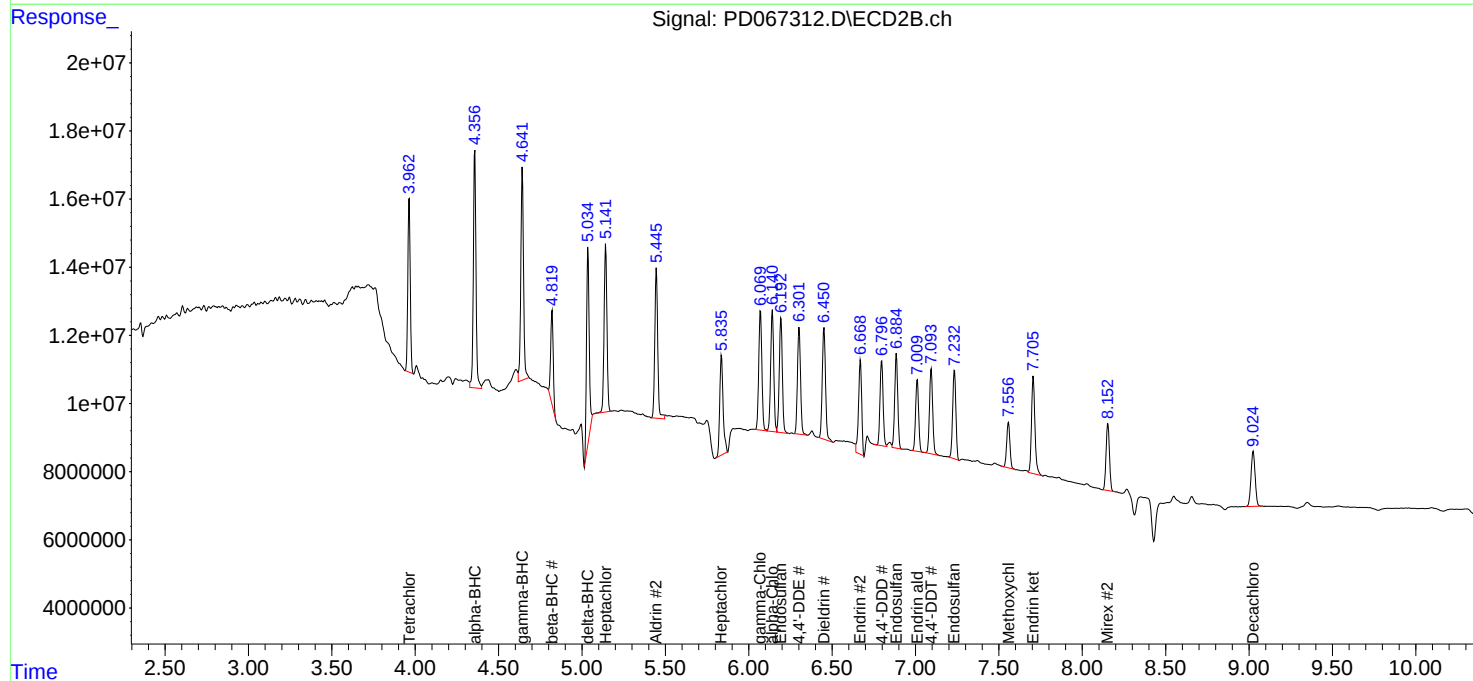
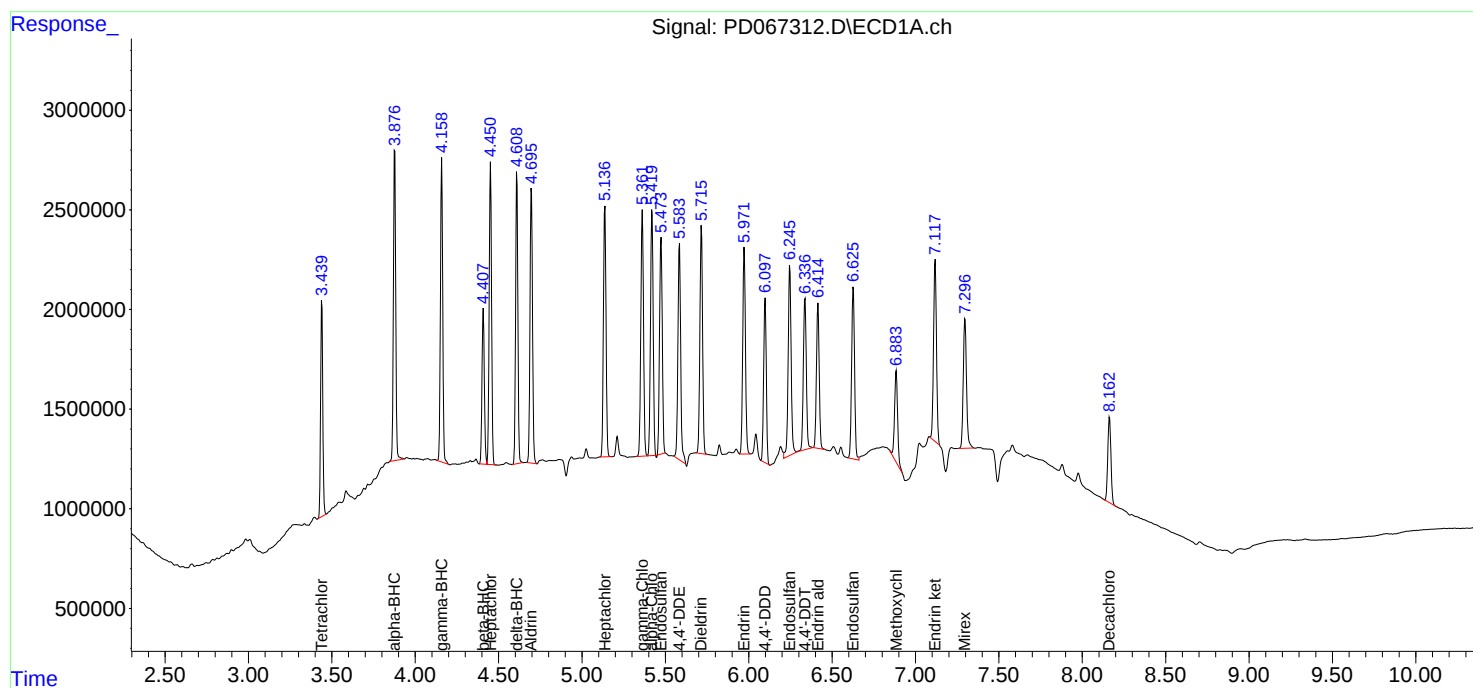
Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

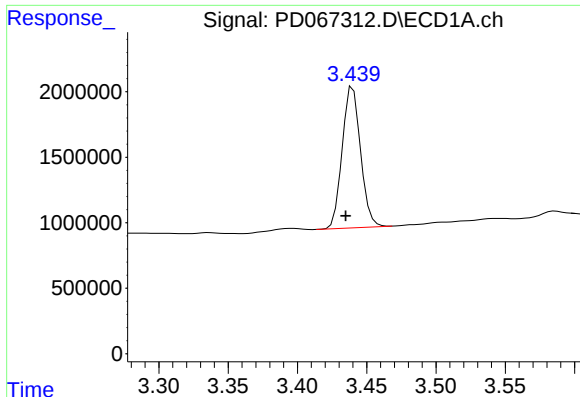
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/15/2021
 Supervised By :Ankita Jodhani 12/15/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 18:33:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 17:25:57 2021
 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





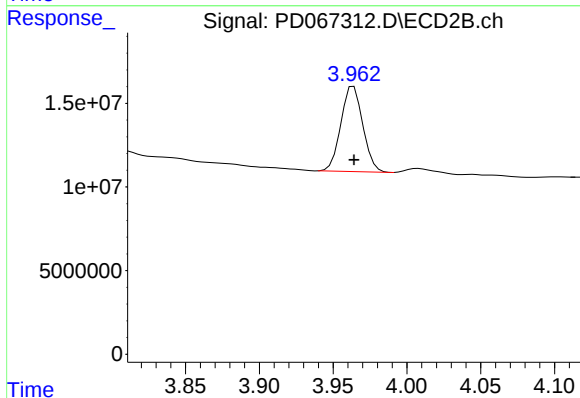
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.005 min
Response: 9941863
Conc: 5.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

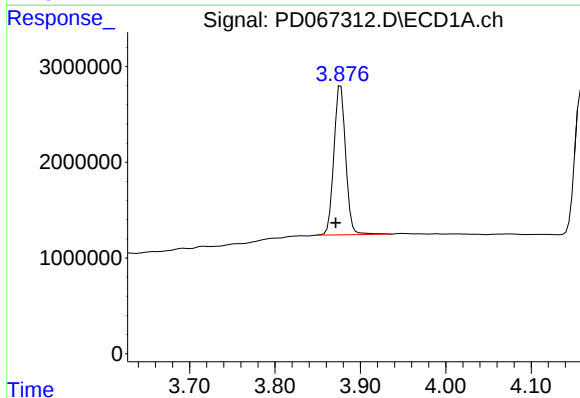
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



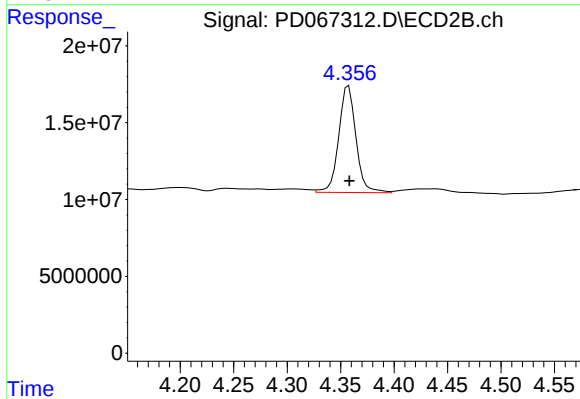
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 52733874
Conc: 6.15 ng/ml



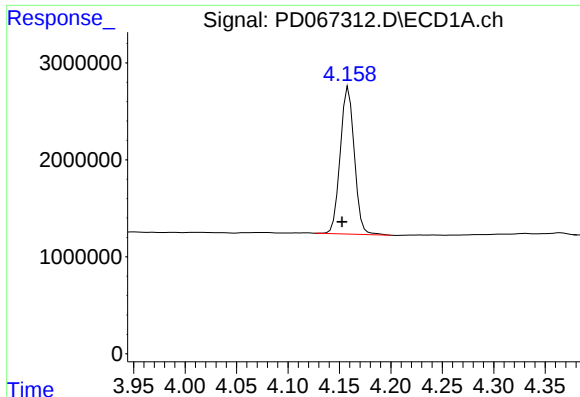
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.006 min
Response: 14969208
Conc: 4.85 ng/ml



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 78053073
Conc: 6.54 ng/ml



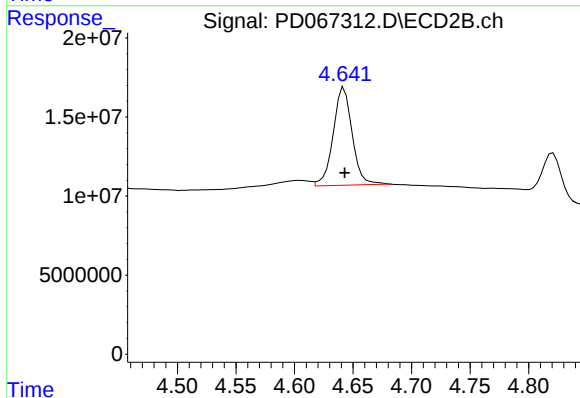
#3 gamma-BHC (Lindane)

R.T.: 4.159 min
Delta R.T.: 0.006 min
Response: 14406927
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

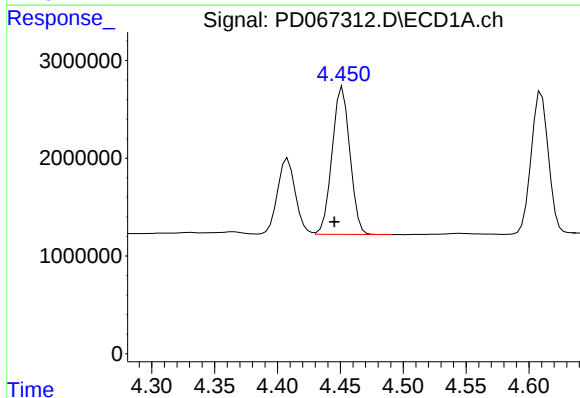
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



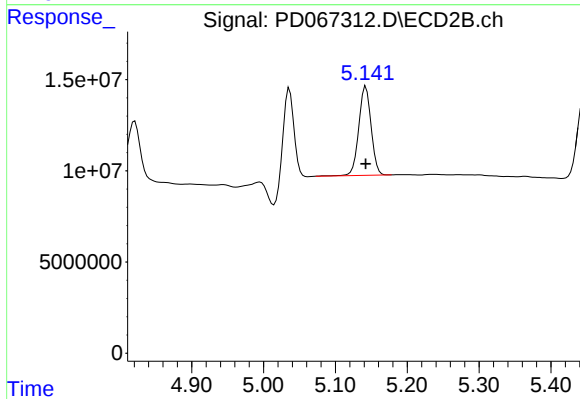
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 70246063
Conc: 6.73 ng/ml



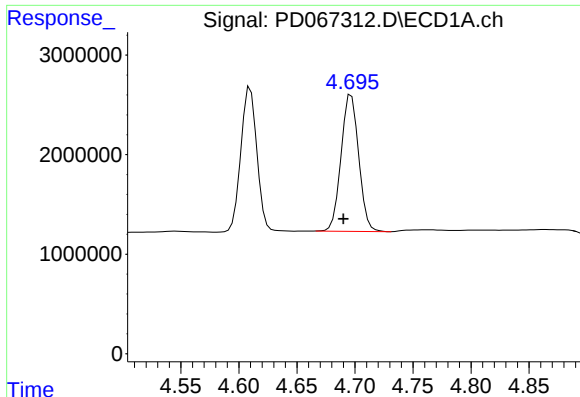
#4 Heptachlor

R.T.: 4.452 min
Delta R.T.: 0.007 min
Response: 14837368
Conc: 5.06 ng/ml



#4 Heptachlor

R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 58114744
Conc: 6.46 ng/ml



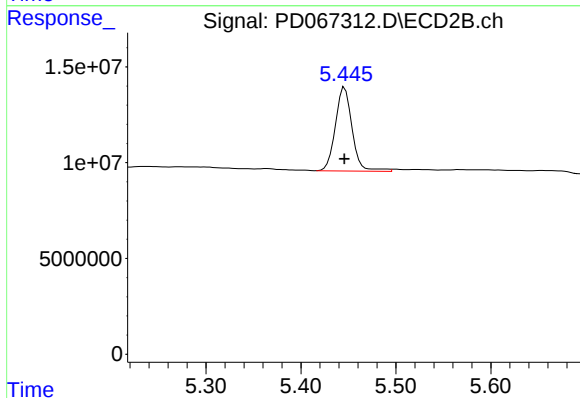
#5 Aldrin

R.T.: 4.697 min
Delta R.T.: 0.007 min
Response: 14531050
Conc: 5.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

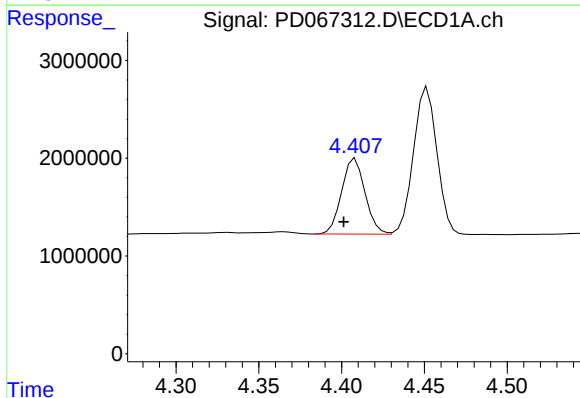
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



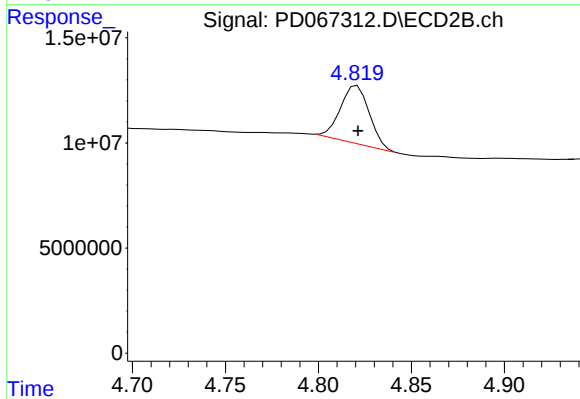
#5 Aldrin

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 53450460
Conc: 6.65 ng/ml



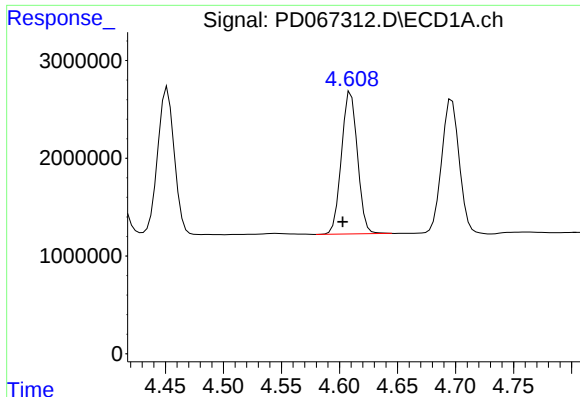
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: 0.007 min
Response: 7619230
Conc: 6.37 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 29655745
Conc: 6.54 ng/ml m



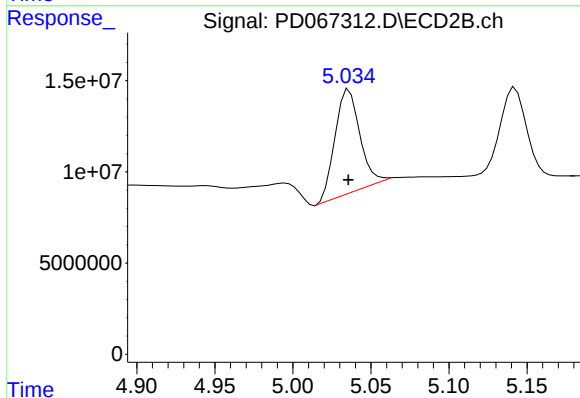
#7 delta-BHC

R.T.: 4.610 min
Delta R.T.: 0.007 min
Response: 13975597
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

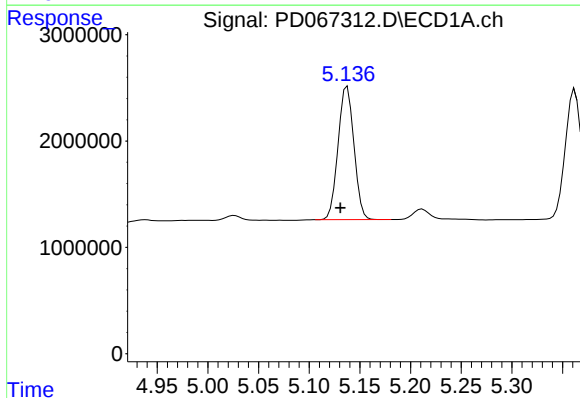
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



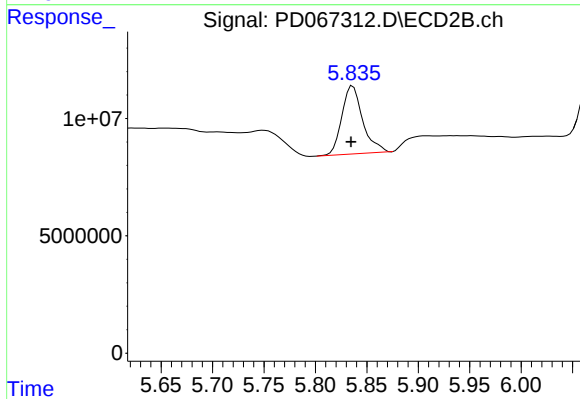
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 62517758
Conc: 6.93 ng/ml



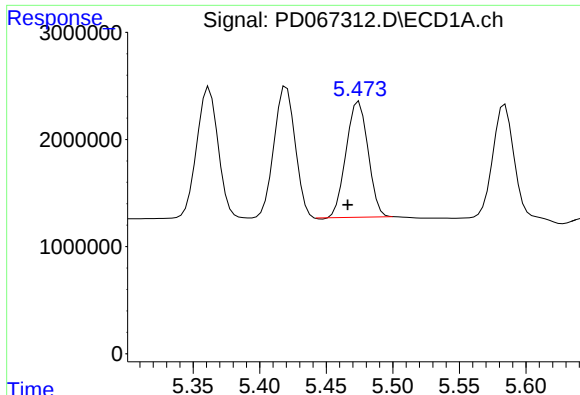
#8 Heptachlor epoxide

R.T.: 5.138 min
Delta R.T.: 0.007 min
Response: 13654169
Conc: 5.35 ng/ml



#8 Heptachlor epoxide

R.T.: 5.836 min
Delta R.T.: 0.002 min
Response: 41254934
Conc: 6.53 ng/ml



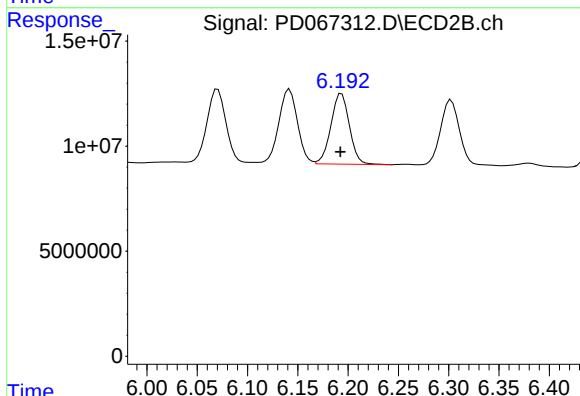
#9 Endosulfan I

R.T.: 5.475 min
Delta R.T.: 0.008 min
Response: 12416338
Conc: 5.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

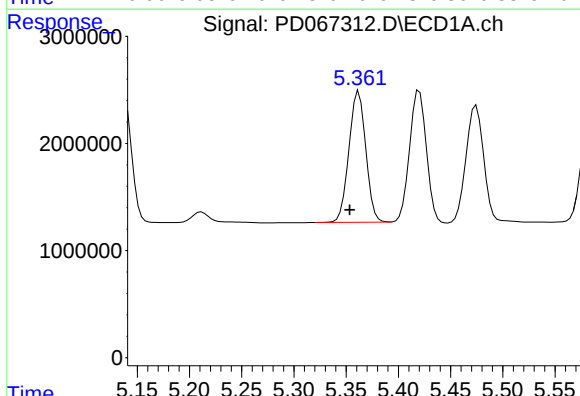
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



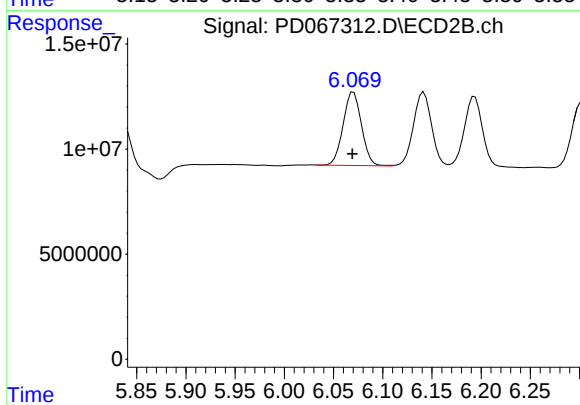
#9 Endosulfan I

R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 42905280
Conc: 6.42 ng/ml



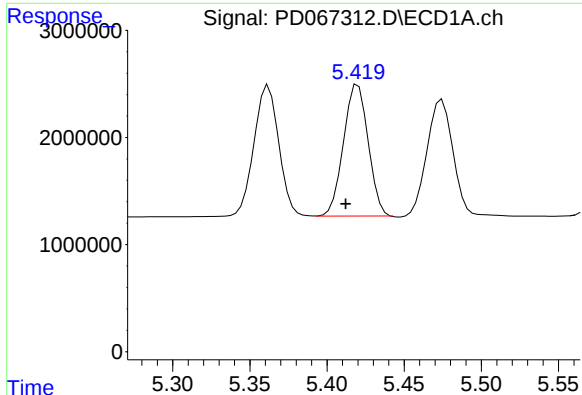
#10 gamma-Chlordane

R.T.: 5.362 min
Delta R.T.: 0.009 min
Response: 13735713
Conc: 5.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 45392519
Conc: 6.43 ng/ml



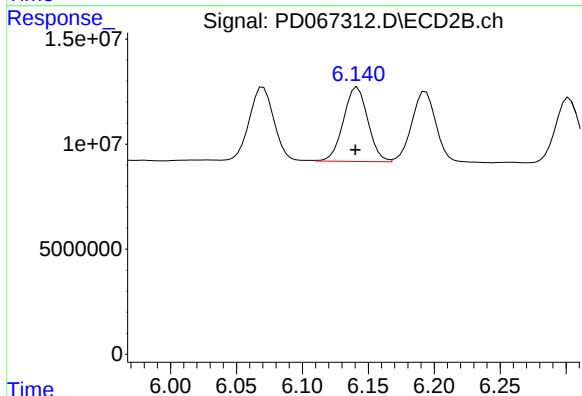
#11 alpha-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.008 min
Response: 13663825
Conc: 5.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

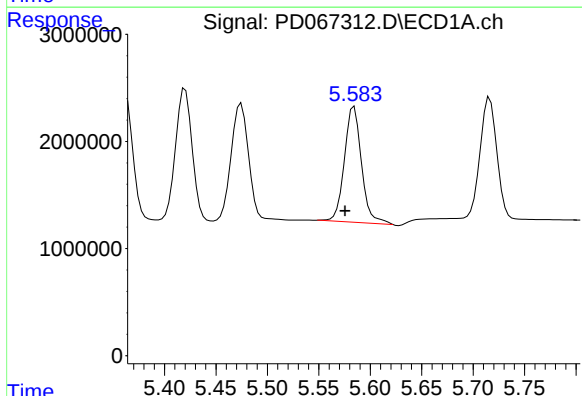
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



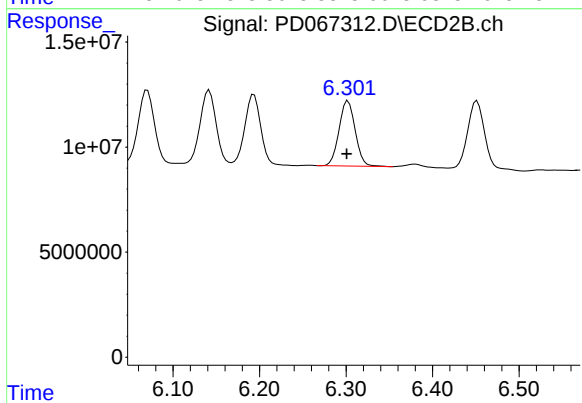
#11 alpha-Chlordane

R.T.: 6.142 min
Delta R.T.: 0.001 min
Response: 45549321
Conc: 6.55 ng/ml



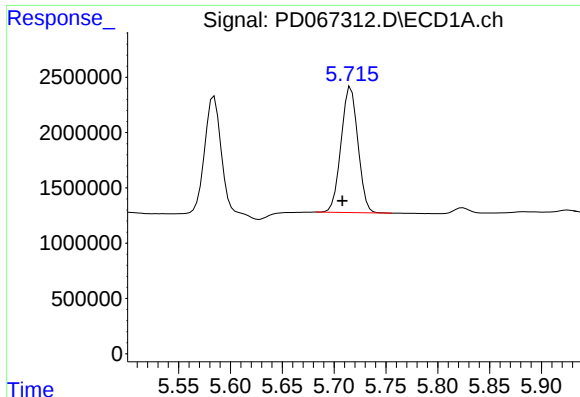
#12 4,4'-DDE

R.T.: 5.584 min
Delta R.T.: 0.009 min
Response: 12469931
Conc: 5.39 ng/ml



#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: 0.002 min
Response: 40075575
Conc: 6.07 ng/ml



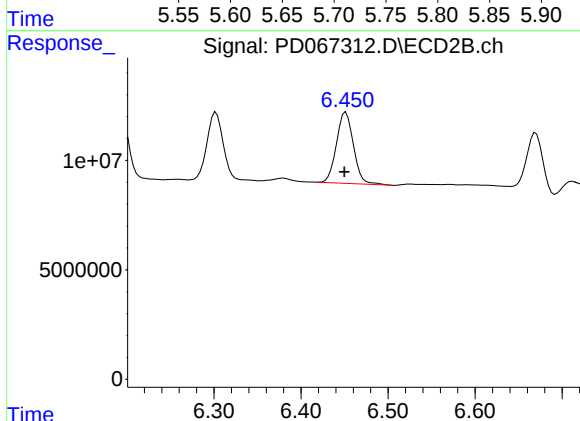
#13 Dieldrin

R.T.: 5.716 min
Delta R.T.: 0.008 min
Response: 12847663
Conc: 5.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

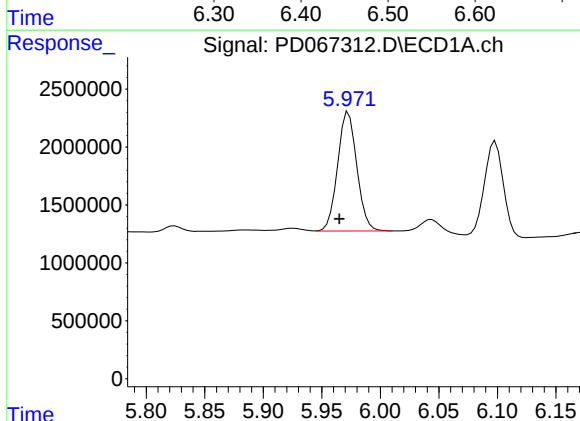
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



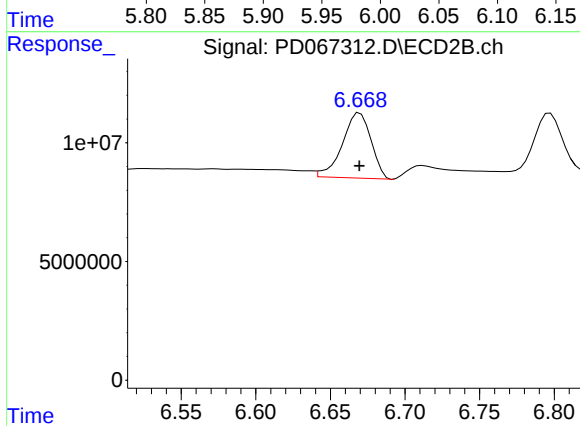
#13 Dieldrin

R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 44168618
Conc: 6.46 ng/ml



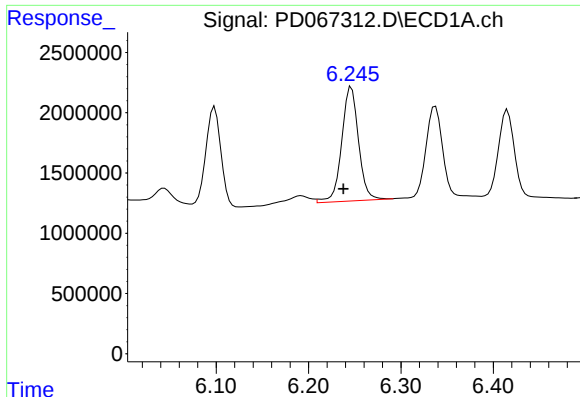
#14 Endrin

R.T.: 5.973 min
Delta R.T.: 0.008 min
Response: 11757869
Conc: 5.37 ng/ml



#14 Endrin

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 36837239
Conc: 6.25 ng/ml



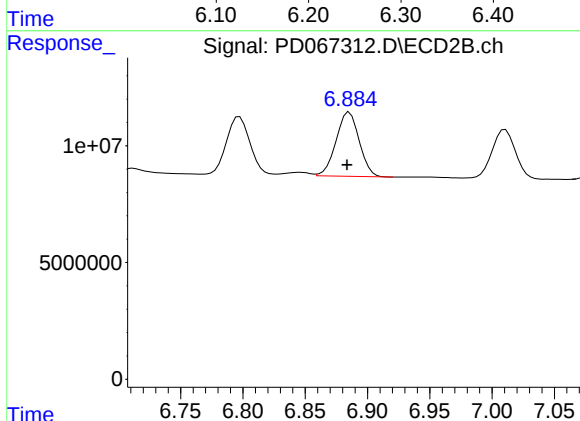
#15 Endosulfan II

R.T.: 6.246 min
Delta R.T.: 0.009 min
Response: 11999350
Conc: 6.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

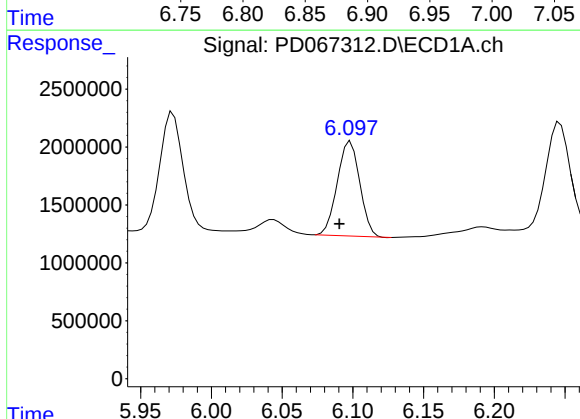
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



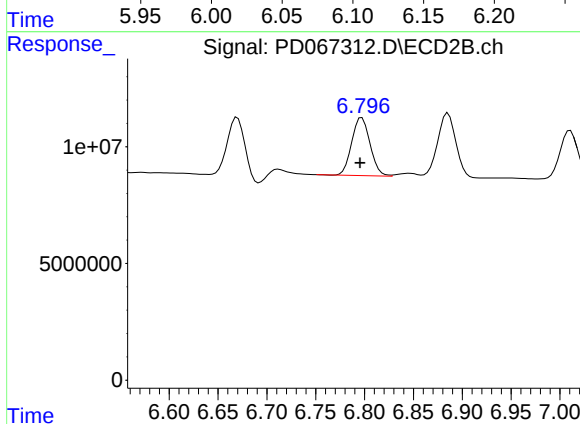
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: 0.002 min
Response: 35543105
Conc: 6.50 ng/ml



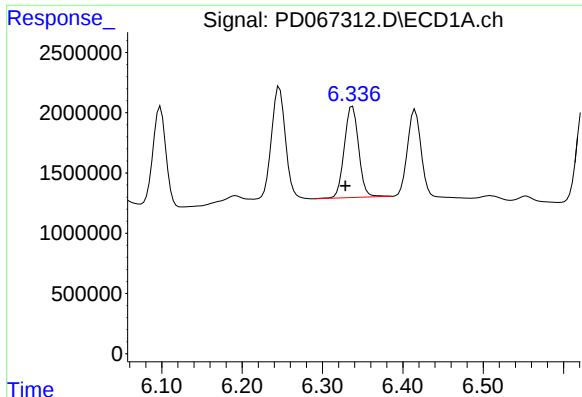
#16 4,4'-DDD

R.T.: 6.098 min
Delta R.T.: 0.008 min
Response: 9078476
Conc: 5.01 ng/ml



#16 4,4'-DDD

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 32491582
Conc: 6.14 ng/ml



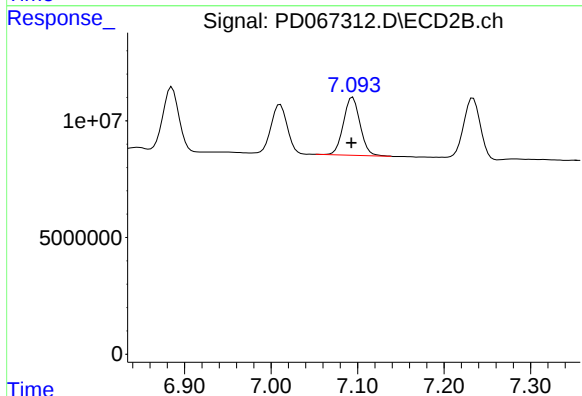
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.009 min
Response: 9379142
Conc: 4.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

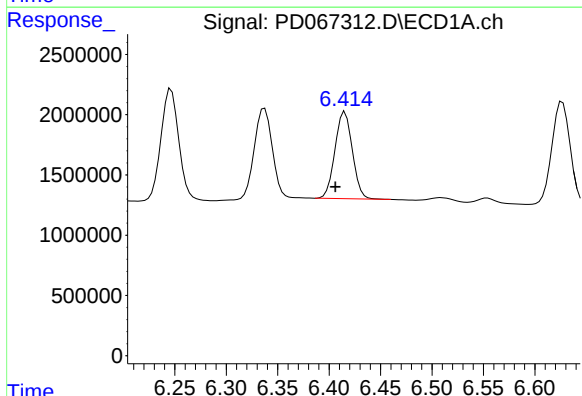
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



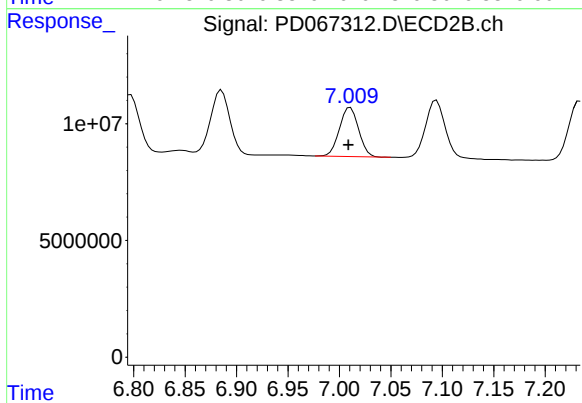
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.002 min
Response: 32882843
Conc: 6.13 ng/ml



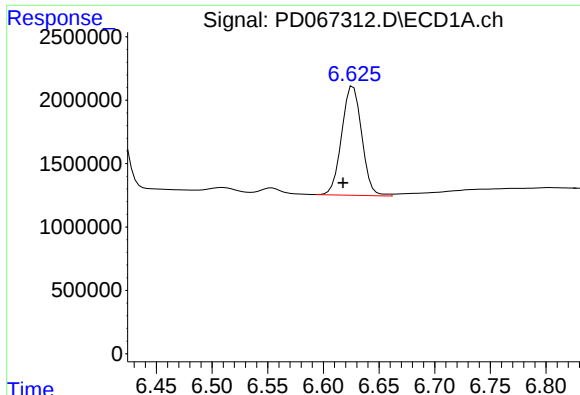
#18 Endrin aldehyde

R.T.: 6.415 min
Delta R.T.: 0.009 min
Response: 8483432
Conc: 5.96 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 27045453
Conc: 6.45 ng/ml



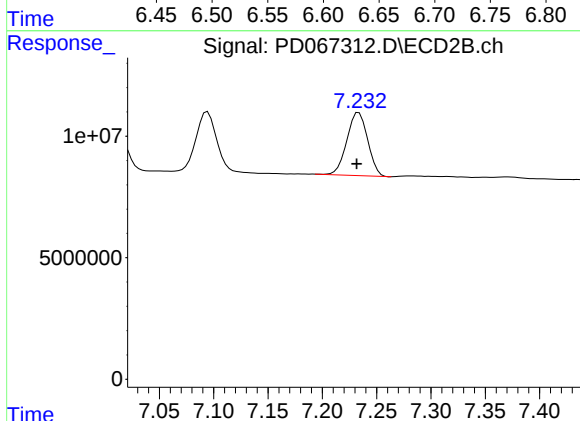
#19 Endosulfan Sulfate

R.T.: 6.627 min
Delta R.T.: 0.009 min
Response: 10777173
Conc: 6.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

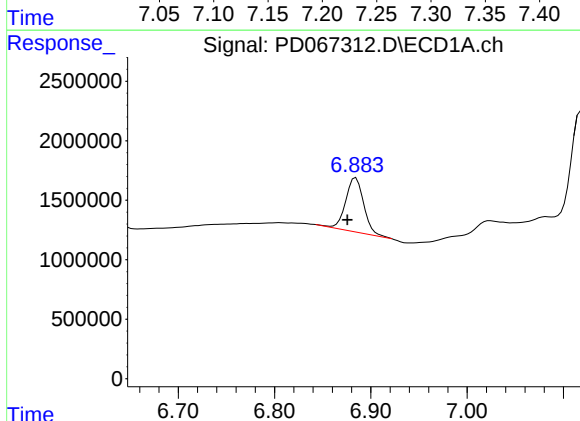
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



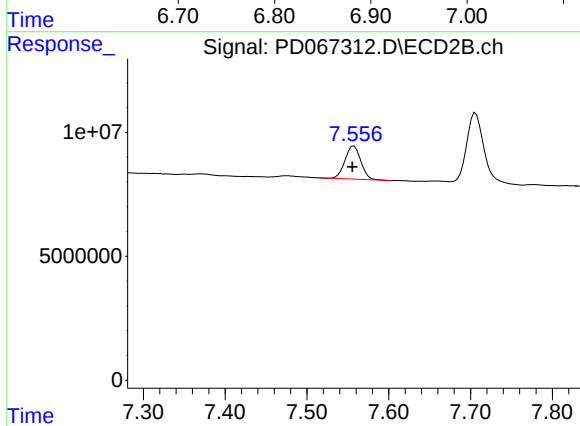
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.002 min
Response: 34692597
Conc: 6.58 ng/ml



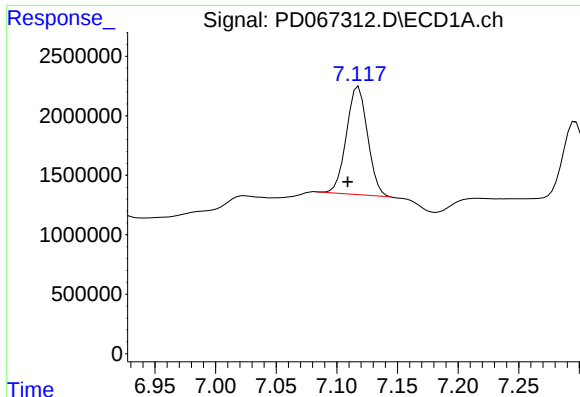
#20 Methoxychlor

R.T.: 6.884 min
Delta R.T.: 0.009 min
Response: 5832395
Conc: 6.10 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.002 min
Response: 17701932
Conc: 6.18 ng/ml



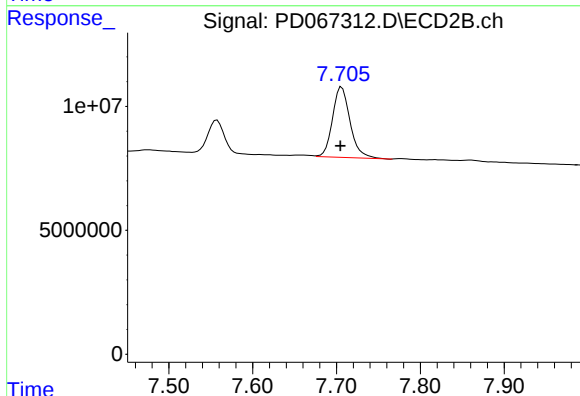
#21 Endrin ketone

R.T.: 7.118 min
Delta R.T.: 0.009 min
Response: 10978868
Conc: 5.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

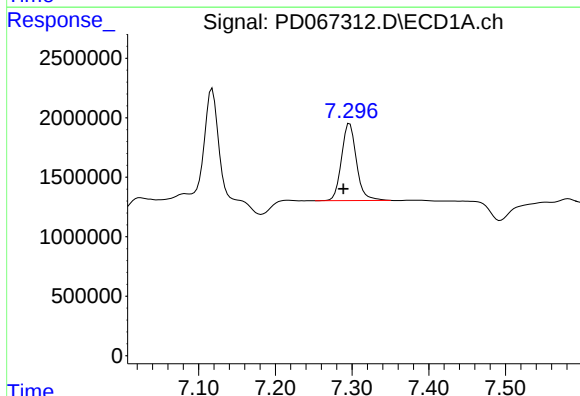
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



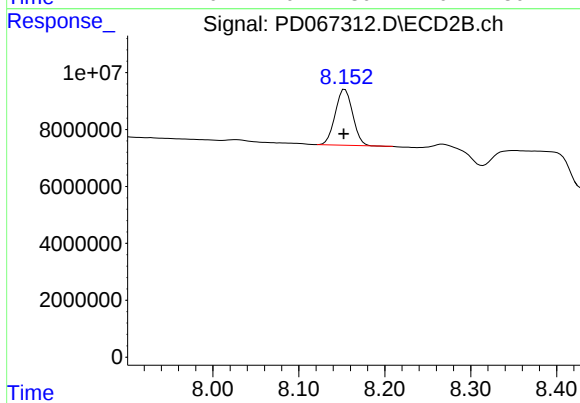
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: 0.002 min
Response: 41251555
Conc: 7.05 ng/ml



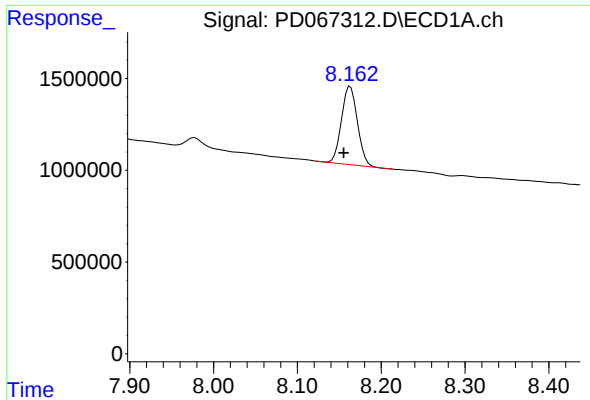
#22 Mirex

R.T.: 7.297 min
Delta R.T.: 0.008 min
Response: 8812947
Conc: 6.67 ng/ml



#22 Mirex

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 27351532
Conc: 6.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.163 min
Delta R.T.: 0.008 min
Response: 5620999
Conc: 6.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

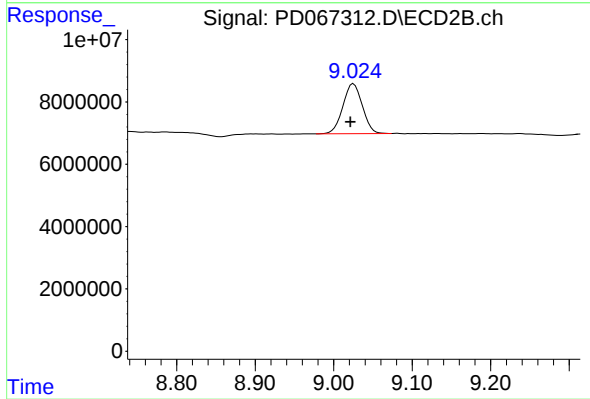
PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/15/2021

Supervised By :Ankita Jodhani 12/15/2021



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.004 min
Response: 27574403
Conc: 6.34 ng/ml