

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 17:03
 Operator : AR\AJ
 Sample : PB145014BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145014BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 03:18:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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...	3.448	4.172	18085218	192.1E6	18.048	20.111
28)	SA Decachlor...	8.202	9.368	21072111	129.9E6	19.536	21.675
Target Compounds							
2)	A alpha-BHC	3.887	4.568	79837166	760.4E6	53.459	54.518
3)	MA gamma-BHC...	4.169	4.859	73644430	647.4E6	49.880m	50.550
4)	MA Heptachlor	4.467	5.386	69757822	628.3E6	49.807	50.586
5)	MB Aldrin	4.715	5.699	71177307	630.6E6	52.833	52.342
6)	B beta-BHC	4.420	5.022	30734514	283.1E6	47.185	50.416
7)	B delta-BHC	4.624	5.248	69416247	595.0E6	49.702	65.964 #
8)	B Heptachlo...	5.159	6.085	63528508	540.9E6	50.175	60.613m
9)	A Endosulfan I	5.497	6.450	58676261	513.5E6	49.472	51.809
10)	B gamma-Chl...	5.384	6.323	64327976	556.4E6	50.292	51.991
11)	B alpha-Chl...	5.443	6.398	63482404	542.2E6	50.168	51.662
12)	B 4,4'-DDE	5.609	6.548	59875056	524.4E6	51.733	52.834
13)	MA Dieldrin	5.741	6.708	65678566	581.4E6	53.127	56.791
14)	MA Endrin	5.999	6.927	56995568	420.9E6	51.296	51.788m
15)	B Endosulfa...	6.272	7.132	56735322	453.8E6	54.241	55.173m
16)	A 4,4'-DDD	6.125	7.040	50797628	437.4E6	51.024	53.985
17)	MA 4,4'-DDT	6.366	7.341	49011374	409.6E6	51.051	49.806m
18)	B Endrin al...	6.442	7.256	47255997	367.9E6	54.953	57.672m
19)	B Endosulfa...	6.655	7.481	55090470	419.5E6	50.084	52.516m
20)	A Methoxychlor	6.916	7.795	28648927	238.9E6	49.704	57.945m
21)	B Endrin ke...	7.148	7.958	72377061	459.5E6	57.774	54.999
22)	Mirex	7.331	8.423	47929358	302.8E6	47.883	51.559

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 17:03
 Operator : AR\AJ
 Sample : PB145014BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

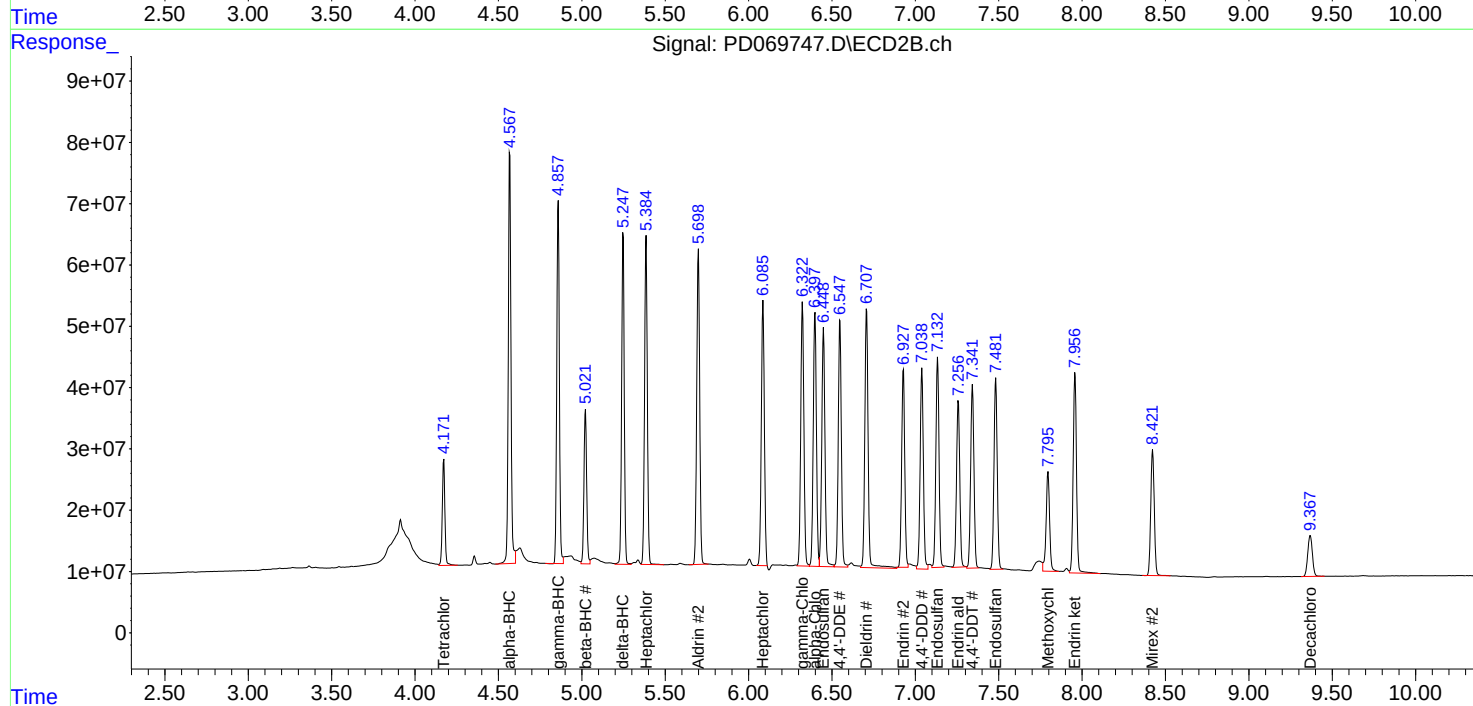
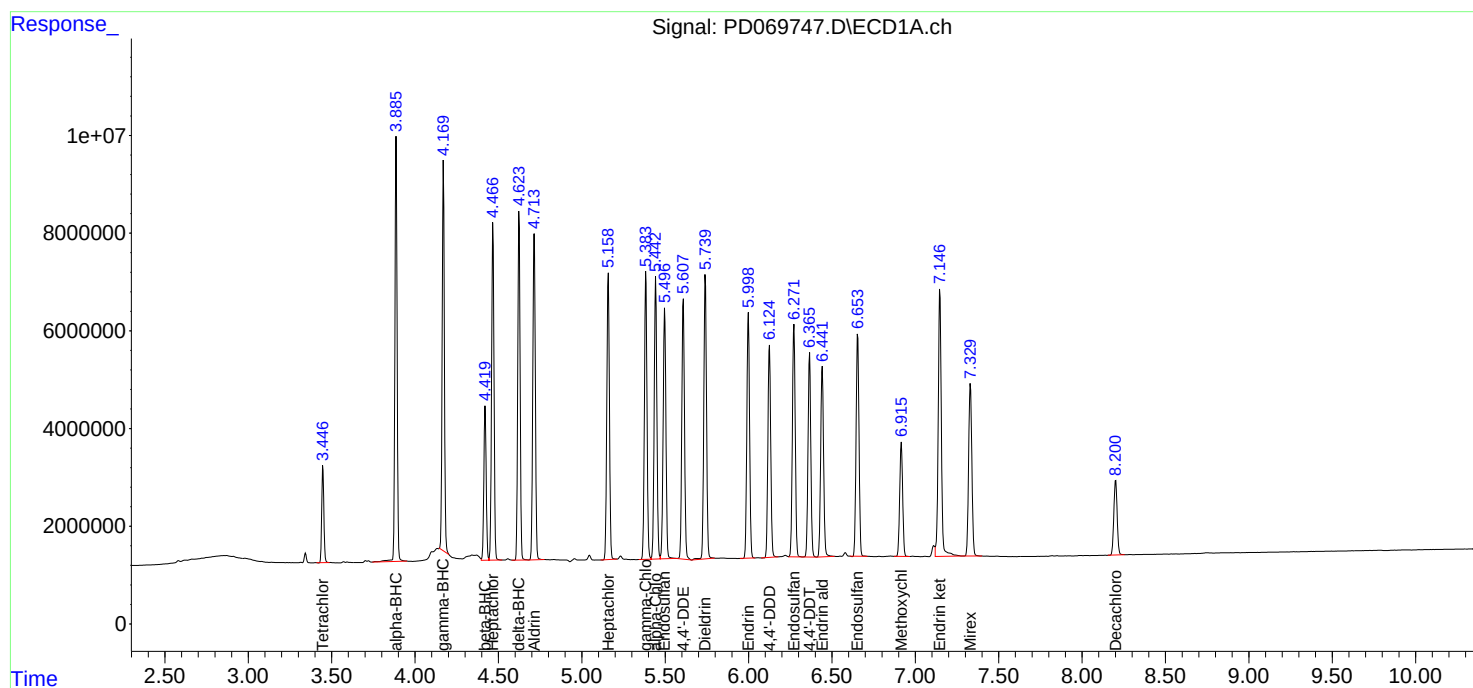
Instrument :
 ECD_D
 ClientSampleId :
 PB145014BSD

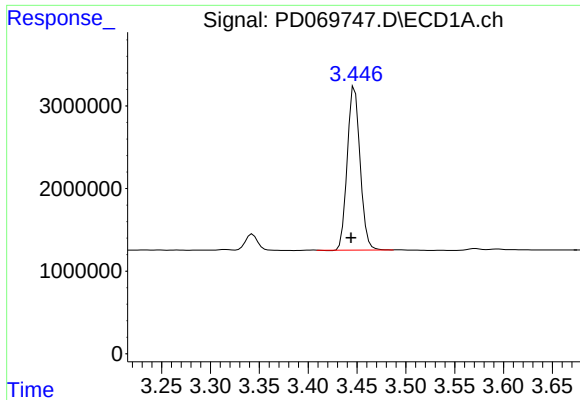
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 03:18:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





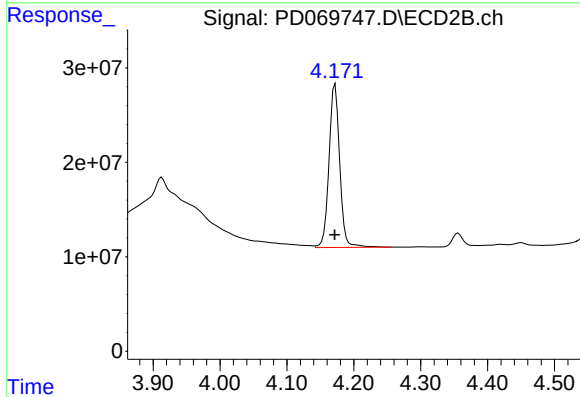
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.004 min
Response: 18085218
Conc: 18.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

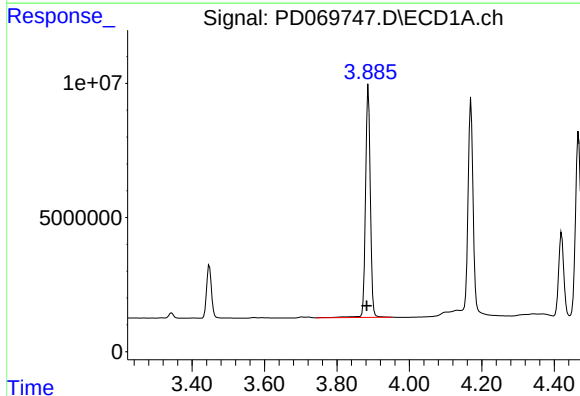
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



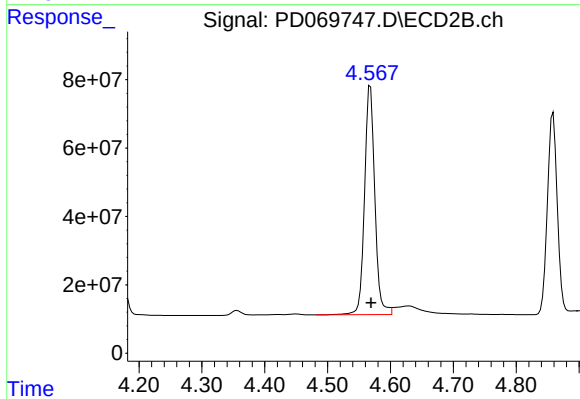
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 192145487
Conc: 20.11 ng/ml



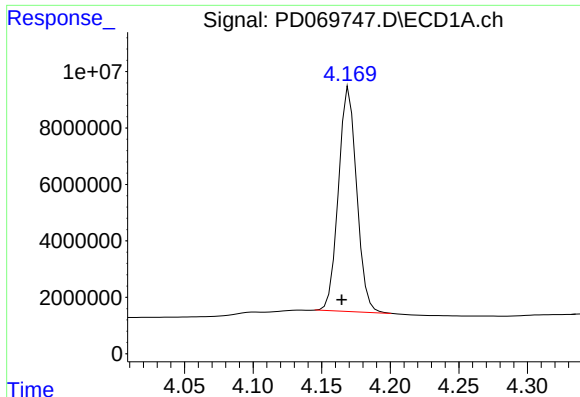
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.005 min
Response: 79837166
Conc: 53.46 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.001 min
Response: 760402511
Conc: 54.52 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: 0.004 min
Response: 73644430
Conc: 49.88 ng/ml

Instrument :

ECD_D

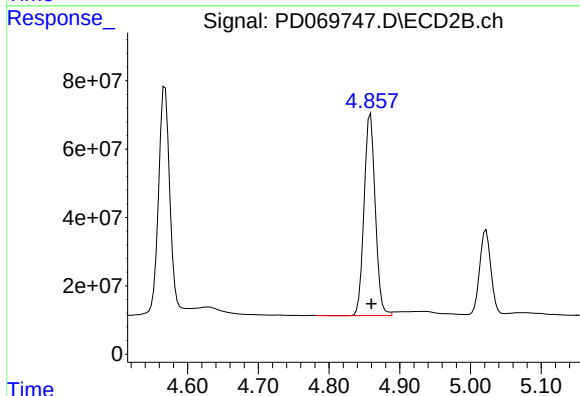
ClientSampleId :

PB145014BSD

Manual Integrations

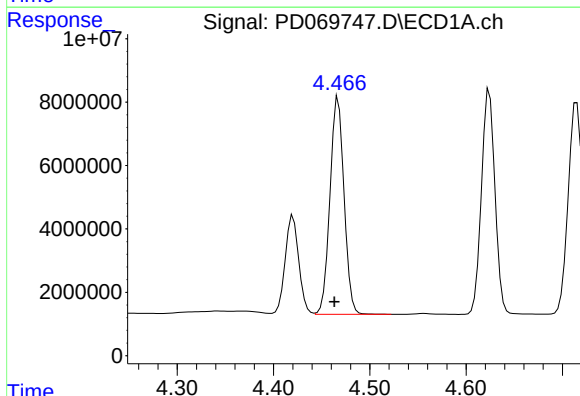
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



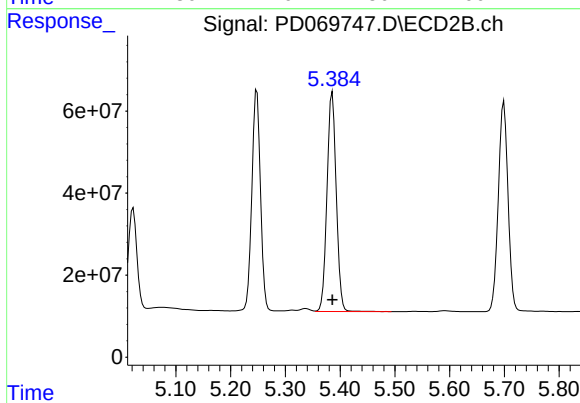
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 647401631
Conc: 50.55 ng/ml



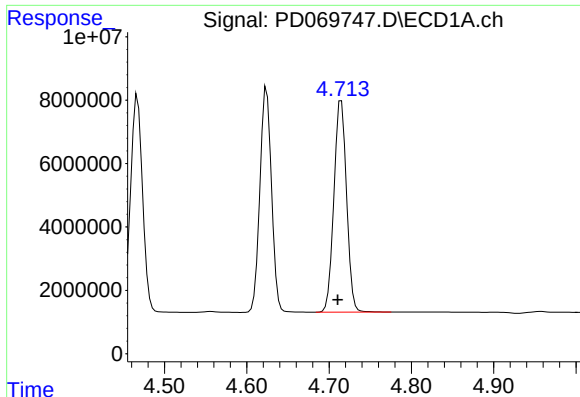
#4 Heptachlor

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 69757822
Conc: 49.81 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 628340427
Conc: 50.59 ng/ml



#5 Aldrin

R.T.: 4.715 min
Delta R.T.: 0.004 min
Response: 71177307
Conc: 52.83 ng/ml

Instrument :

ECD_D

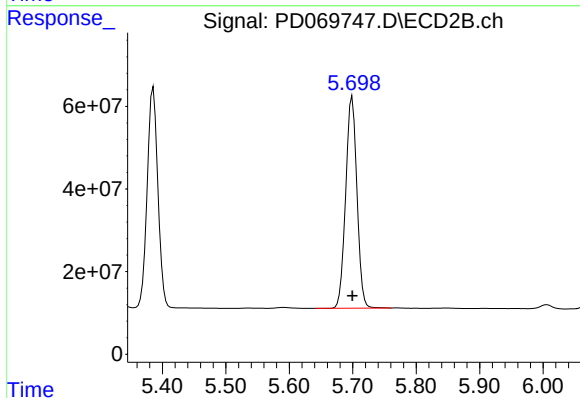
ClientSampleId :

PB145014BSD

Manual Integrations

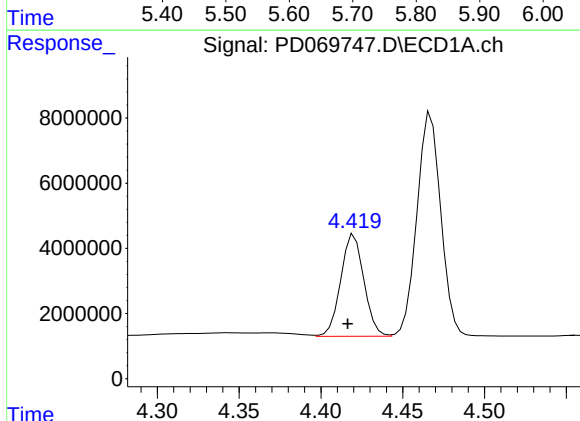
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



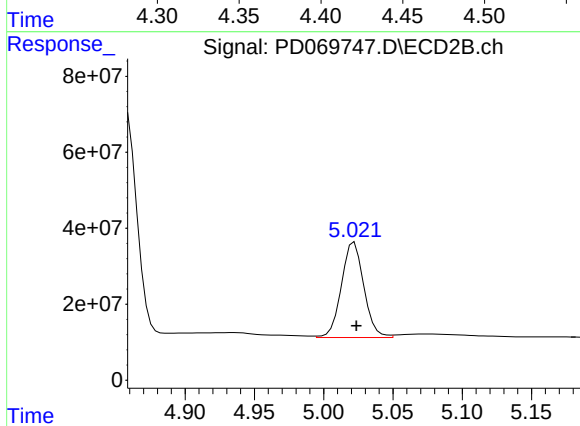
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 630646260
Conc: 52.34 ng/ml



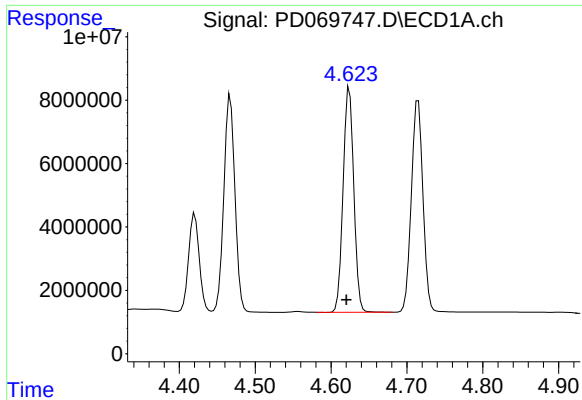
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.004 min
Response: 30734514
Conc: 47.19 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 283070017
Conc: 50.42 ng/ml



#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: 0.004 min
Response: 69416247
Conc: 49.70 ng/ml

Instrument :

ECD_D

ClientSampleId :

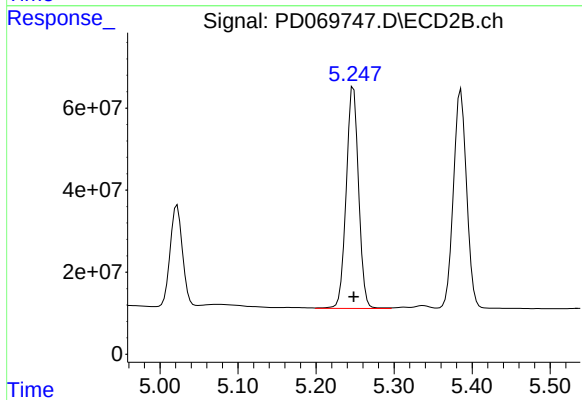
PB145014BSD

Manual Integrations

APPROVED

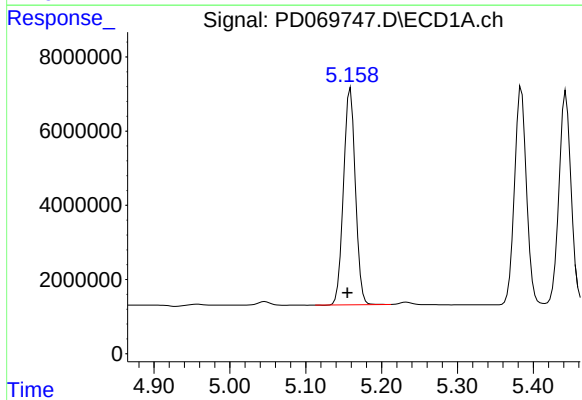
Reviewed By :Abdul Mirza 06/08/2022

Supervised By :Ankita Jodhani 06/08/2022



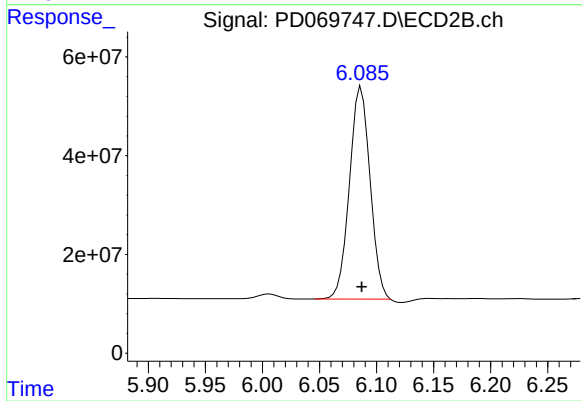
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 595009765
Conc: 65.96 ng/ml



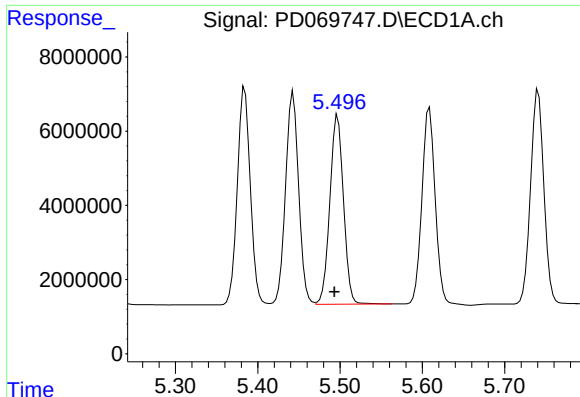
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: 0.004 min
Response: 63528508
Conc: 50.18 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 540861504
Conc: 60.61 ng/ml m



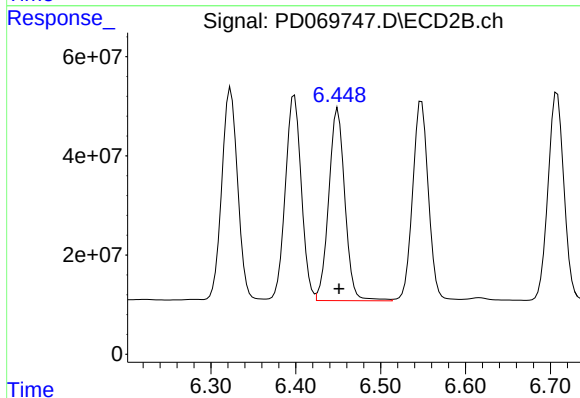
#9 Endosulfan I

R.T.: 5.497 min
Delta R.T.: 0.004 min
Response: 58676261
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

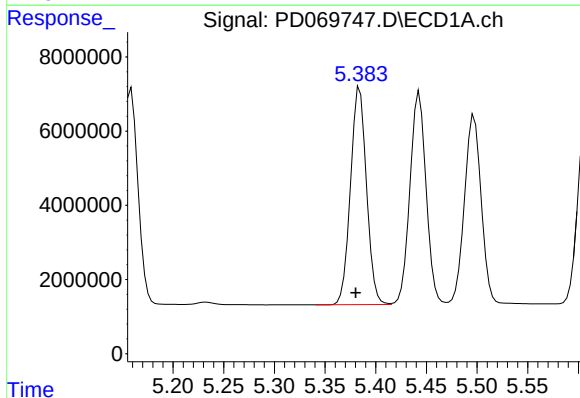
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



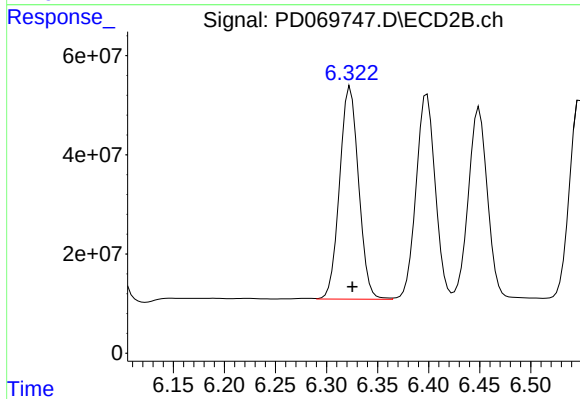
#9 Endosulfan I

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 513488638
Conc: 51.81 ng/ml



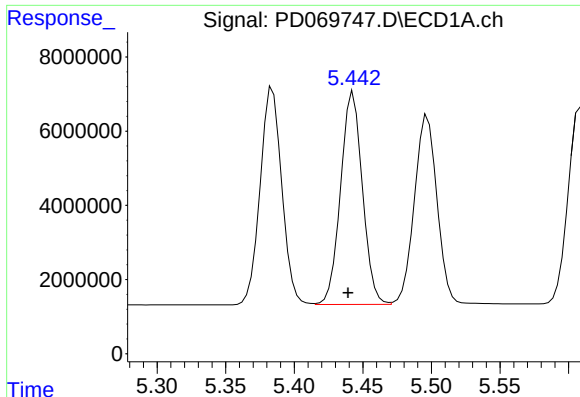
#10 gamma-Chlordane

R.T.: 5.384 min
Delta R.T.: 0.004 min
Response: 64327976
Conc: 50.29 ng/ml



#10 gamma-Chlordane

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 556439679
Conc: 51.99 ng/ml



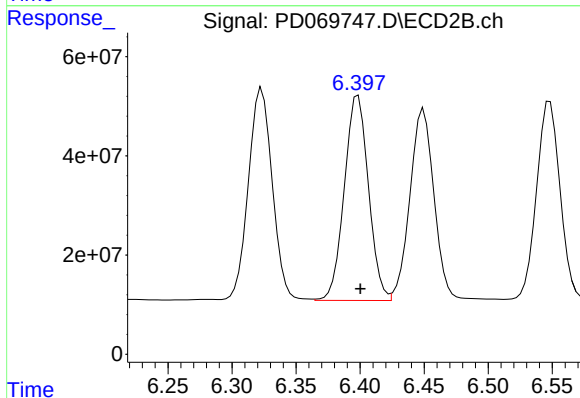
#11 alpha-Chlordane

R.T.: 5.443 min
Delta R.T.: 0.004 min
Response: 63482404
Conc: 50.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

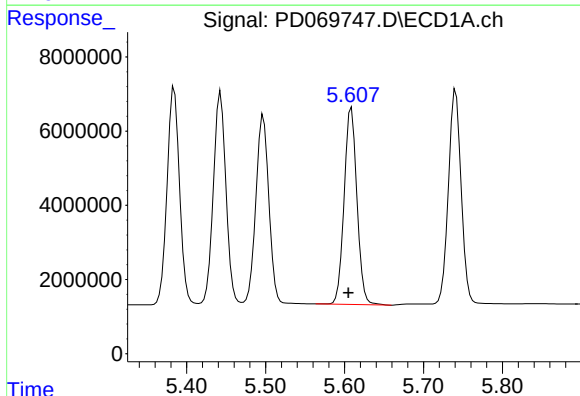
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



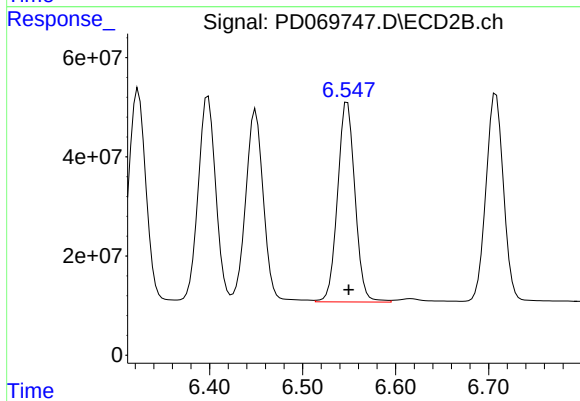
#11 alpha-Chlordane

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 542193529
Conc: 51.66 ng/ml



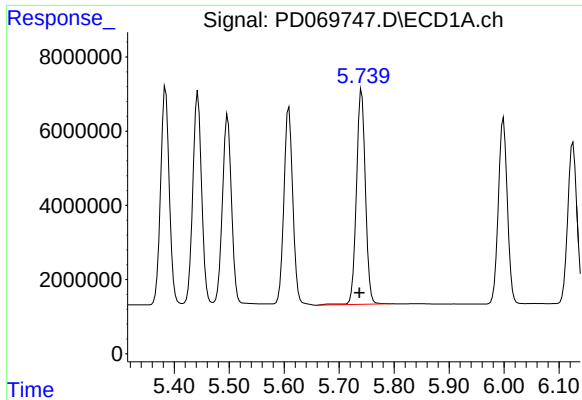
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: 0.004 min
Response: 59875056
Conc: 51.73 ng/ml



#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.001 min
Response: 524443341
Conc: 52.83 ng/ml



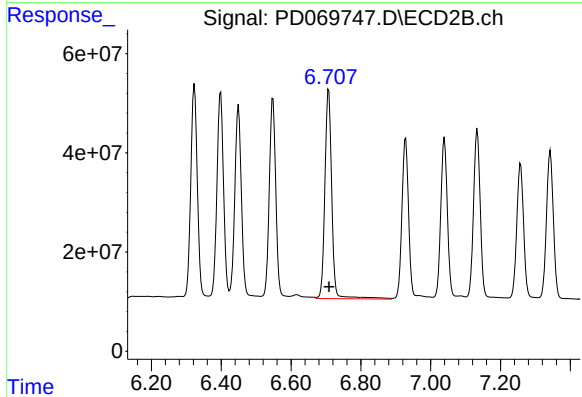
#13 Dieldrin

R.T.: 5.741 min
Delta R.T.: 0.004 min
Response: 65678566
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

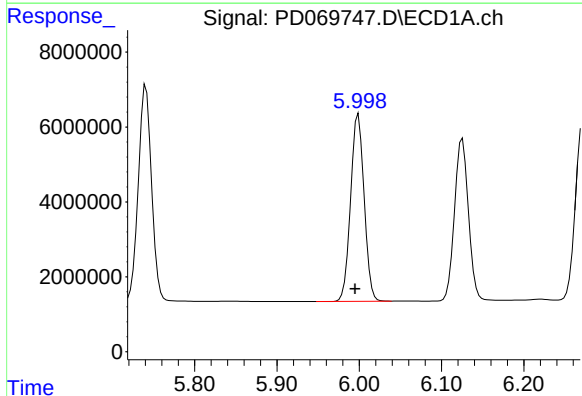
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



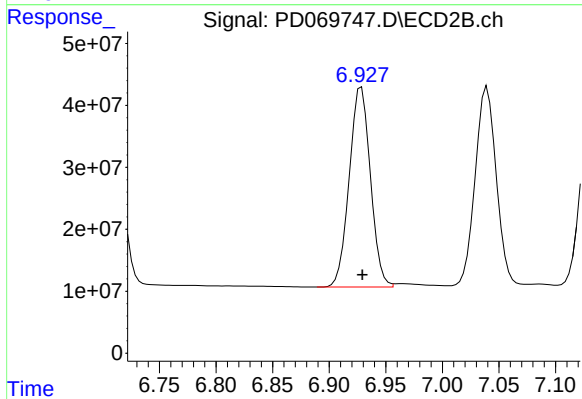
#13 Dieldrin

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 581414196
Conc: 56.79 ng/ml



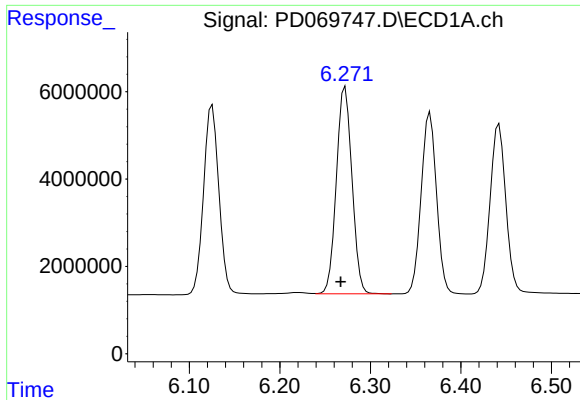
#14 Endrin

R.T.: 5.999 min
Delta R.T.: 0.004 min
Response: 56995568
Conc: 51.30 ng/ml



#14 Endrin

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 420941133
Conc: 51.79 ng/ml m



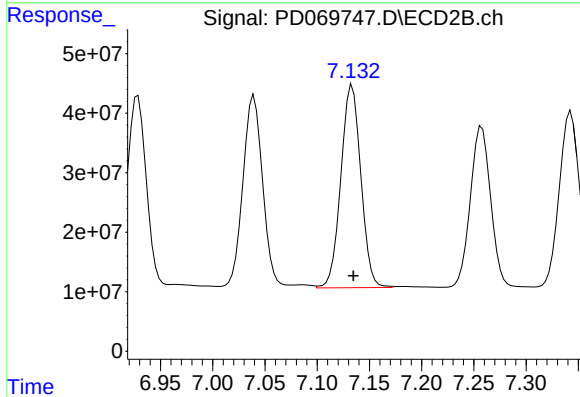
#15 Endosulfan II

R.T.: 6.272 min
Delta R.T.: 0.005 min
Response: 56735322
Conc: 54.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

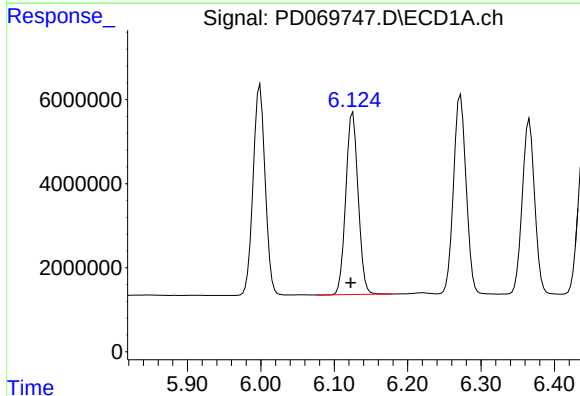
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



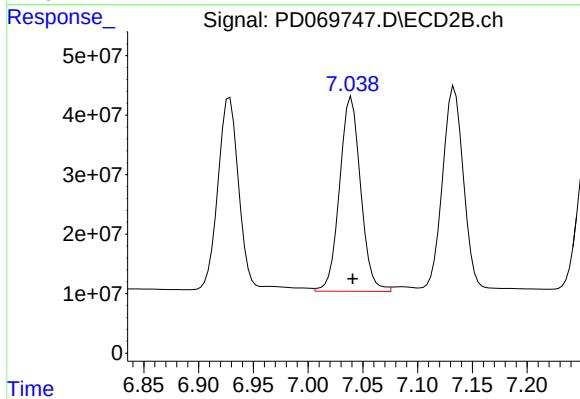
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 453835024
Conc: 55.17 ng/ml m



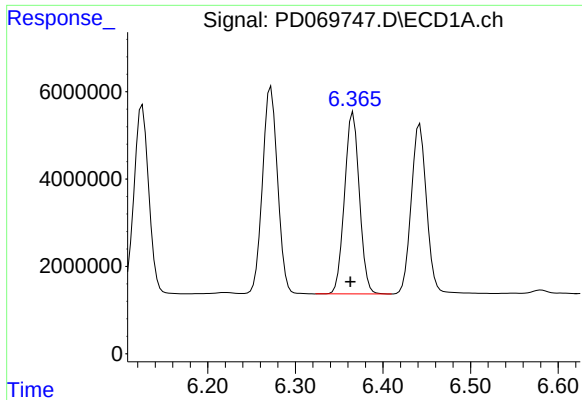
#16 4,4'-DDD

R.T.: 6.125 min
Delta R.T.: 0.003 min
Response: 50797628
Conc: 51.02 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: -0.001 min
Response: 437406648
Conc: 53.98 ng/ml



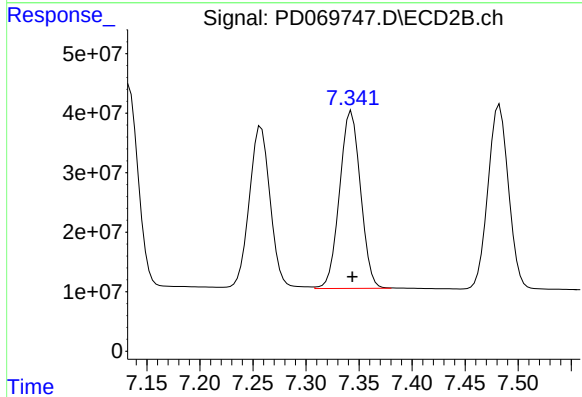
#17 4,4'-DDT

R.T.: 6.366 min
Delta R.T.: 0.003 min
Response: 49011374
Conc: 51.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

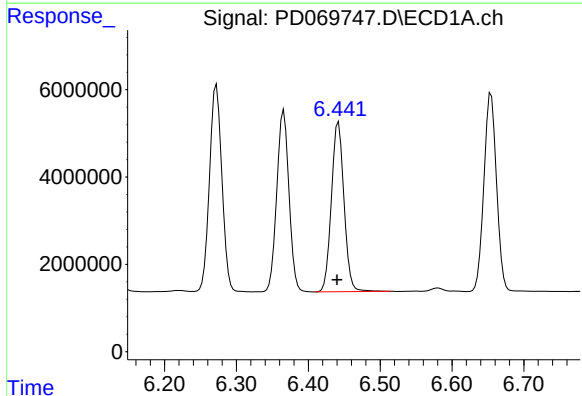
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



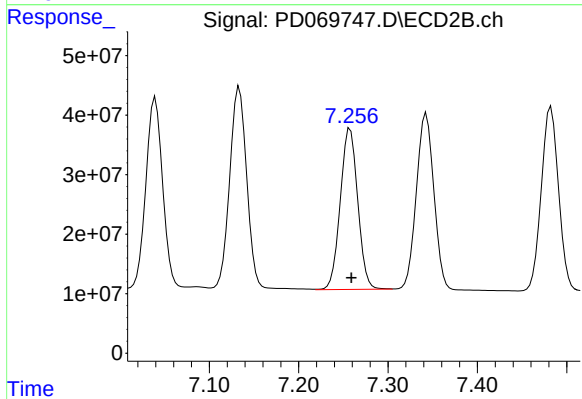
#17 4,4'-DDT

R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 409600339
Conc: 49.81 ng/ml m



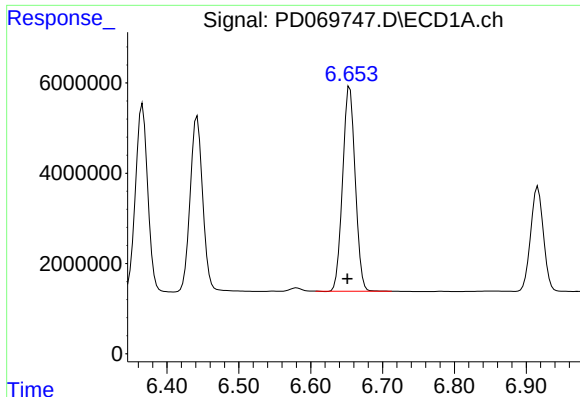
#18 Endrin aldehyde

R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 47255997
Conc: 54.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 367935378
Conc: 57.67 ng/ml m



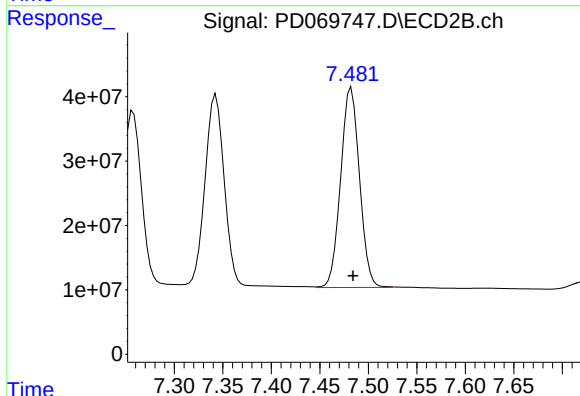
#19 Endosulfan Sulfate

R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 55090470
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

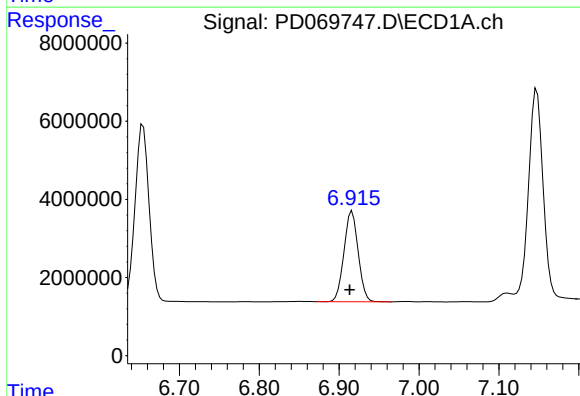
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



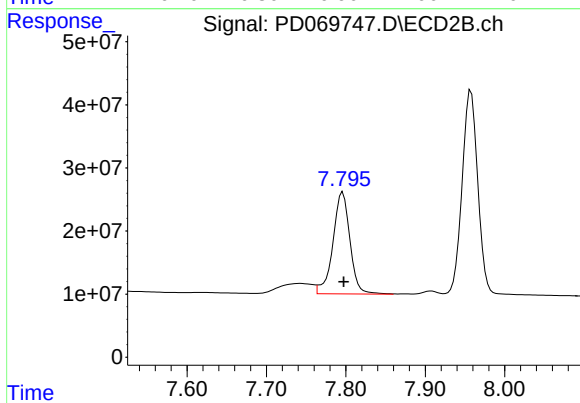
#19 Endosulfan Sulfate

R.T.: 7.481 min
Delta R.T.: -0.003 min
Response: 419542092
Conc: 52.52 ng/ml m



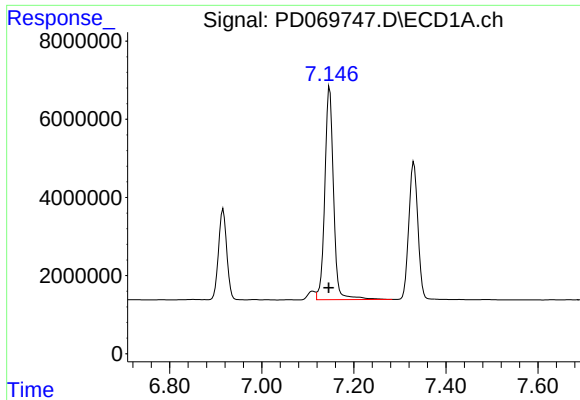
#20 Methoxychlor

R.T.: 6.916 min
Delta R.T.: 0.003 min
Response: 28648927
Conc: 49.70 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.003 min
Response: 238931589
Conc: 57.95 ng/ml m



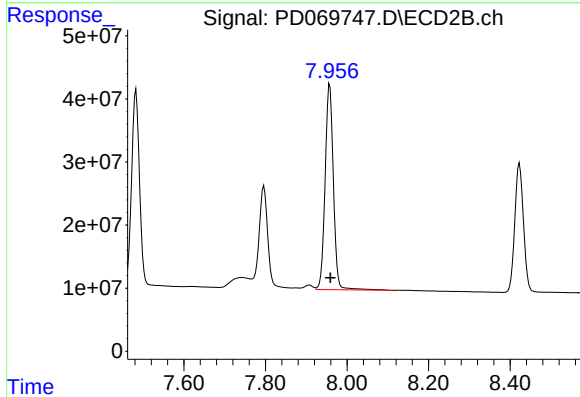
#21 Endrin ketone

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 72377061
Conc: 57.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BSD

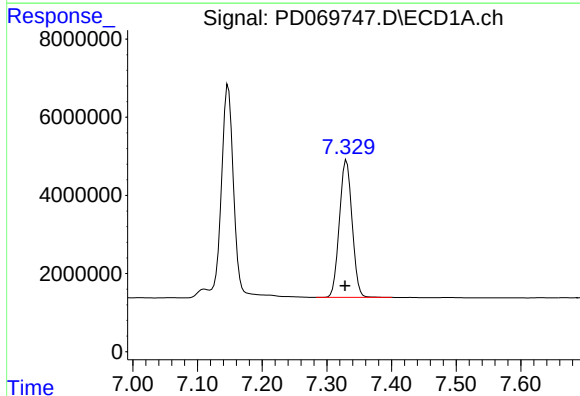
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



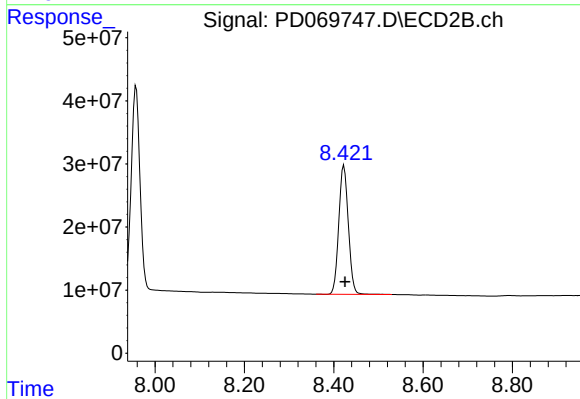
#21 Endrin ketone

R.T.: 7.958 min
Delta R.T.: -0.002 min
Response: 459452991
Conc: 55.00 ng/ml



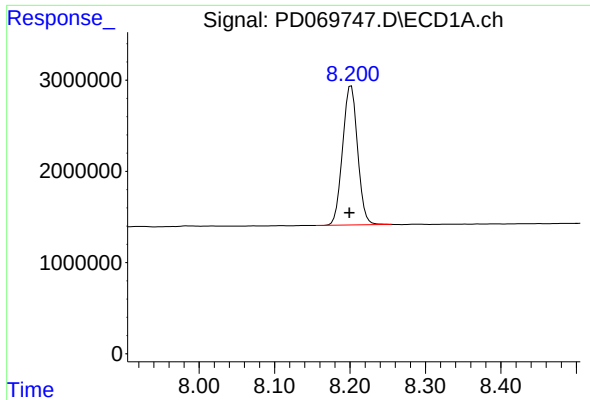
#22 Mirex

R.T.: 7.331 min
Delta R.T.: 0.002 min
Response: 47929358
Conc: 47.88 ng/ml



#22 Mirex

R.T.: 8.423 min
Delta R.T.: -0.003 min
Response: 302771594
Conc: 51.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min
Delta R.T.: 0.002 min
Response: 21072111
Conc: 19.54 ng/ml

Instrument :

ECD_D

ClientSampleId :

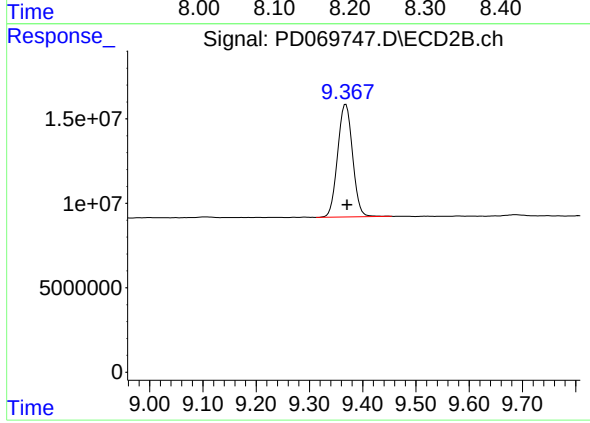
PB145014BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/08/2022

Supervised By :Ankita Jodhani 06/08/2022



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.003 min
Response: 129895868
Conc: 21.67 ng/ml