

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 17:33
 Operator : AR\AJ
 Sample : M4411-01MS 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-HSMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2021
 Supervised By : mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:46:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 2021
 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...	4.584	5.517	1210135	3056339	2.684	2.197m
28)	SA Decachlor...	10.345	11.416	1762189	4362316	2.952	3.052
Target Compounds							
2)	A alpha-BHC	5.288	6.097	4105199	9218886	6.400m	4.350m#
3)	MA gamma-BHC...	5.712	6.495	3791451	9290967	6.087	4.672
4)	MA Heptachlor	6.121	7.142	4117697	9692101	6.114	4.740
5)	MB Aldrin	6.445	7.513	3628998	9192557	6.131	4.856
6)	B beta-BHC	6.095	6.750	2329801	4511722	7.360	4.537 #
7)	B delta-BHC	6.354	7.017	3460546	12652394	5.677	5.587m
8)	B Heptachlo...	7.021	7.978	3774310	6340622	6.307	3.629m#
9)	A Endosulfan I	7.424	8.384	3269034	7440345	5.813	4.417
10)	B gamma-Chl...	7.299	8.246	3955504	11138499	6.519	6.124m
11)	B alpha-Chl...	7.368	8.329	3919557	8370193	6.450	4.699 #
12)	B 4,4'-DDE	7.583	8.516	3291484	5153402	6.316	2.856 #
13)	MA Dieldrin	7.711	8.673	5447673	7715449	9.491m	4.379 #
14)	MA Endrin	8.000	8.911	3537777	6869016	6.588	4.536m#
15)	B Endosulfa...	8.312	9.146	4299580	8997288	7.531	6.010
16)	A 4,4'-DDD	8.166	9.055	2586335	8206017	5.669m	5.104
17)	MA 4,4'-DDT	8.429	9.374	3020998	6902130	5.822	4.270 #
18)	B Endrin al...	8.500	9.279	2686028	5436877	6.297	4.617m#
19)	B Endosulfa...	8.731	9.518	3742450	6076656	6.640	4.054 #
20)	A Methoxychlor	9.023	9.861	2319283	3576135	6.981m	4.272 #
21)	B Endrin ke...	9.247	10.015	3567618	7806458	5.625m	4.777
22)	Mirex	9.432	10.479	3919818	6147564	6.896m	5.141m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 17:33
 Operator : AR\AJ
 Sample : M4411-01MS 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

MH-HHSMS

Manual Integrations

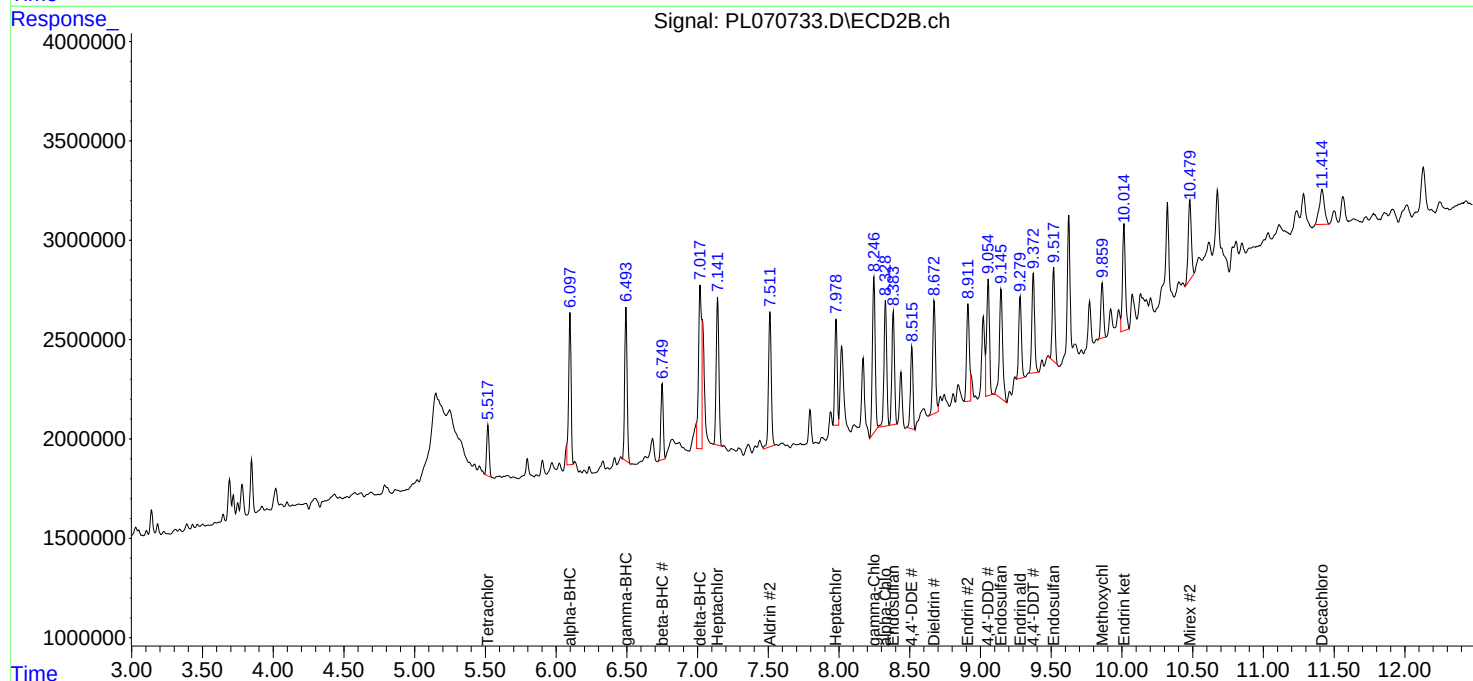
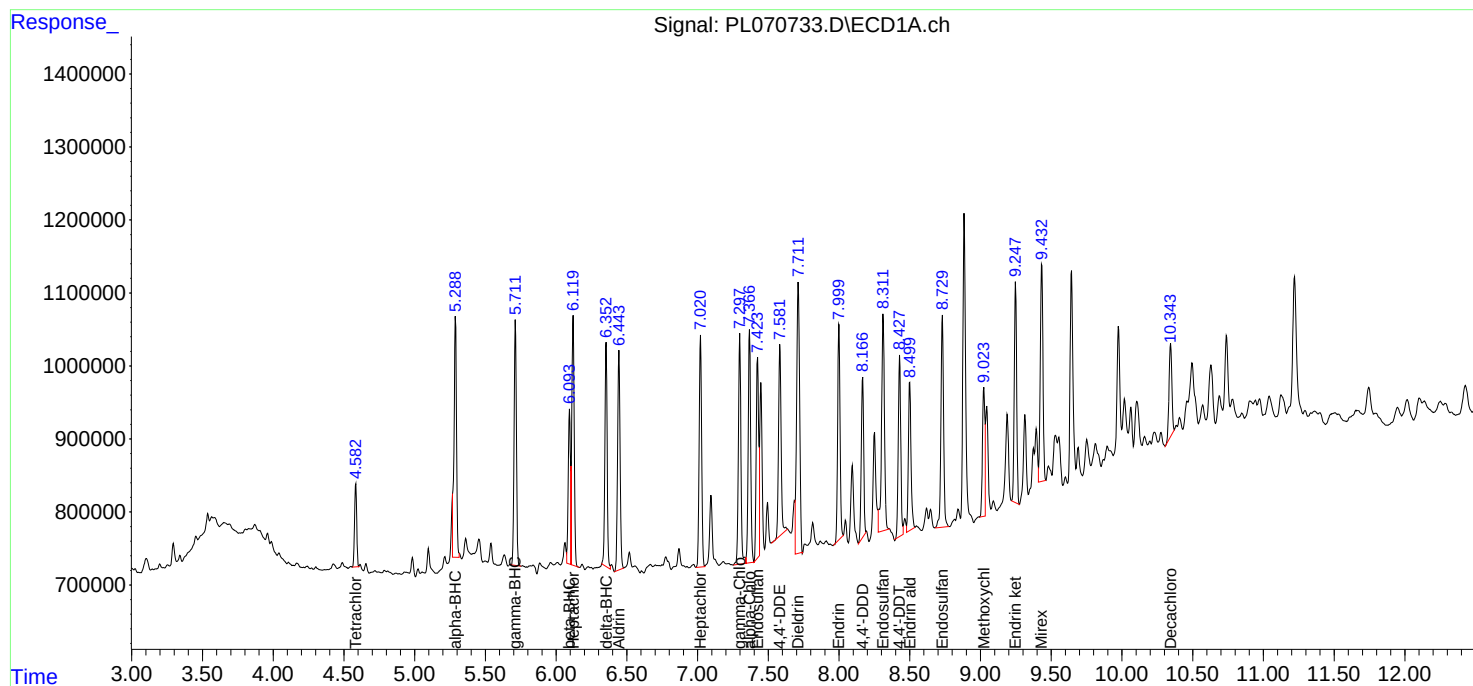
APPROVED

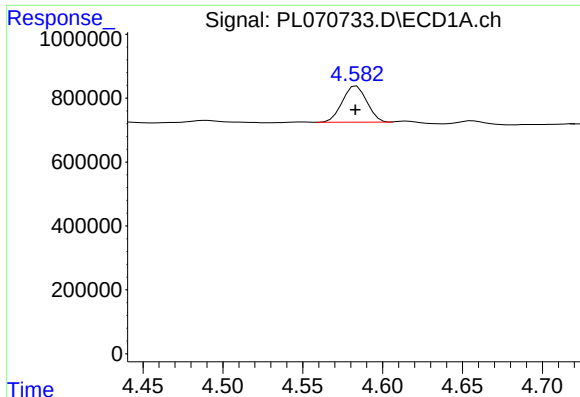
Reviewed By :Abdul Mirza 11/03/2021

Supervised By :mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:46:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 2021
 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





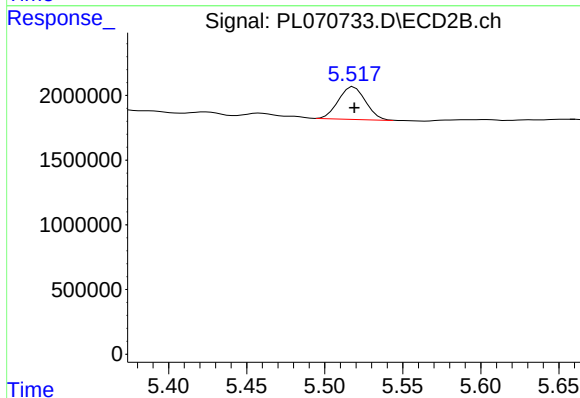
#1 Tetrachloro-m-xylene

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 1210135
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

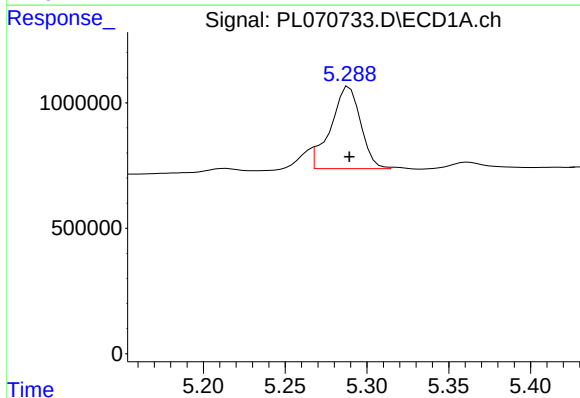
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



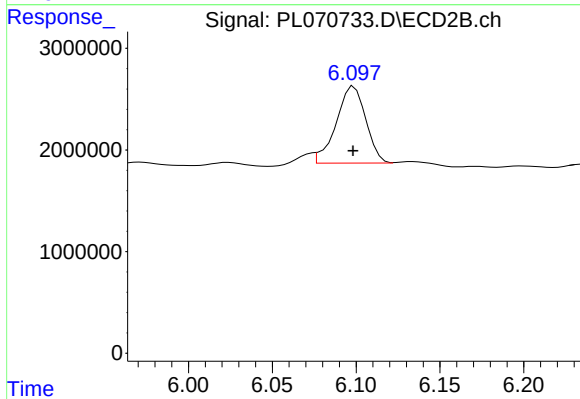
#1 Tetrachloro-m-xylene

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 3056339
Conc: 2.20 ng/ml m



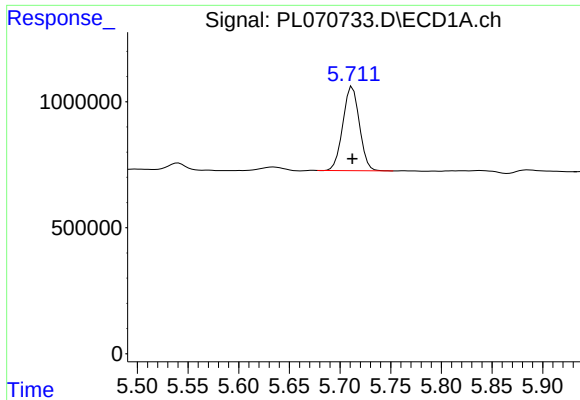
#2 alpha-BHC

R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 4105199
Conc: 6.40 ng/ml m



#2 alpha-BHC

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 9218886
Conc: 4.35 ng/ml m



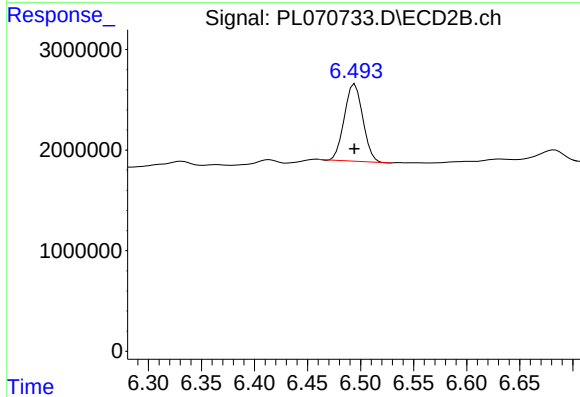
#3 gamma-BHC (Lindane)

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 3791451
Conc: 6.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

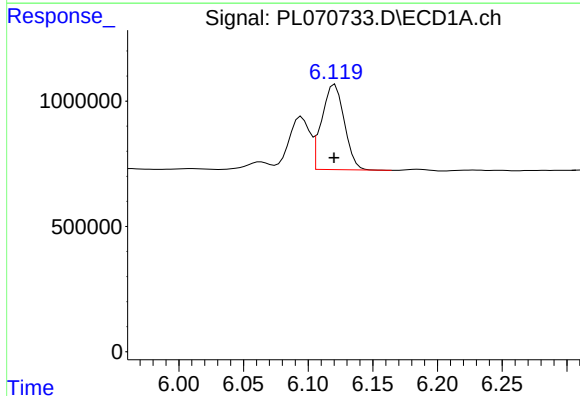
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



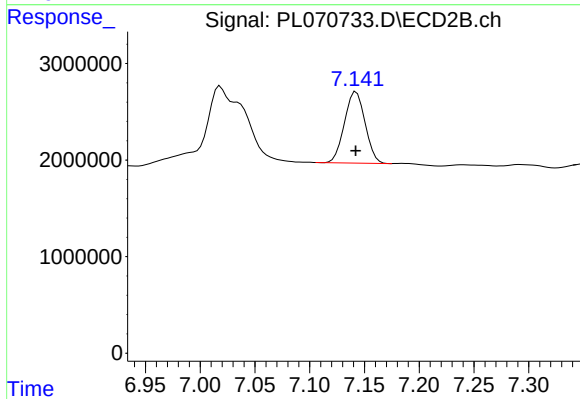
#3 gamma-BHC (Lindane)

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 9290967
Conc: 4.67 ng/ml



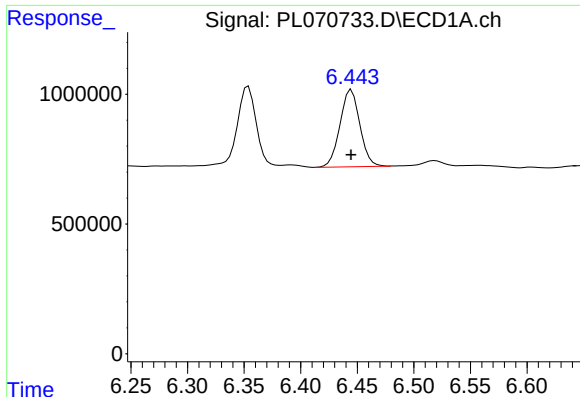
#4 Heptachlor

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 4117697
Conc: 6.11 ng/ml



#4 Heptachlor

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 9692101
Conc: 4.74 ng/ml



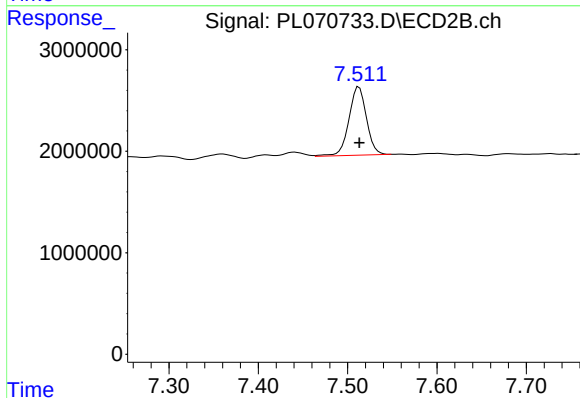
#5 Aldrin

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 3628998
Conc: 6.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

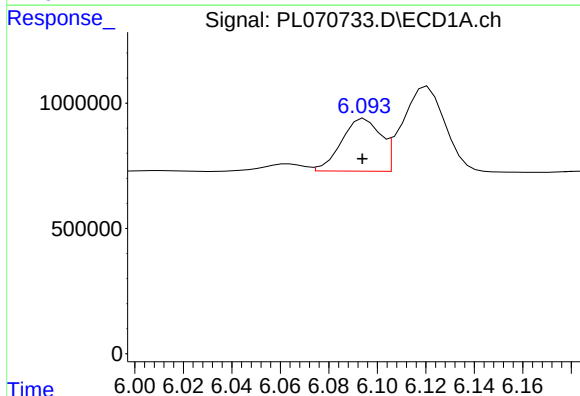
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



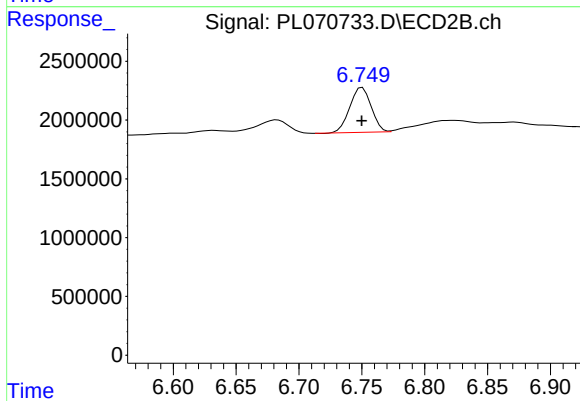
#5 Aldrin

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 9192557
Conc: 4.86 ng/ml



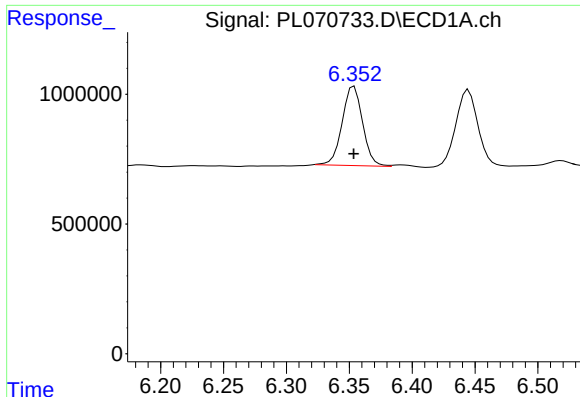
#6 beta-BHC

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 2329801
Conc: 7.36 ng/ml



#6 beta-BHC

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 4511722
Conc: 4.54 ng/ml



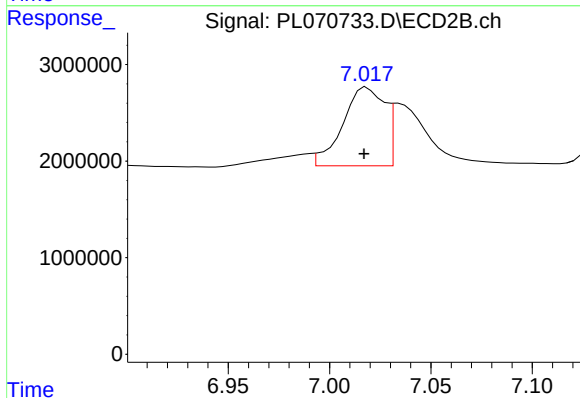
#7 delta-BHC

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 3460546
Conc: 5.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HSMS

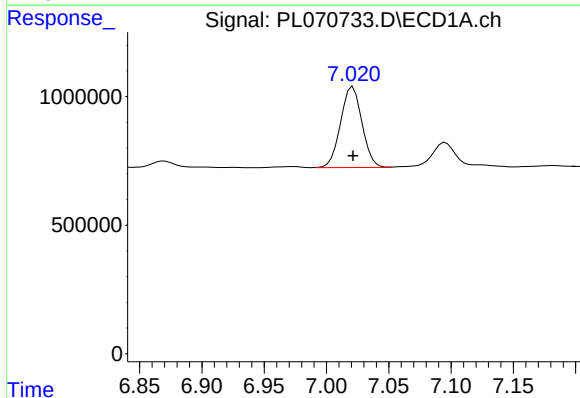
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



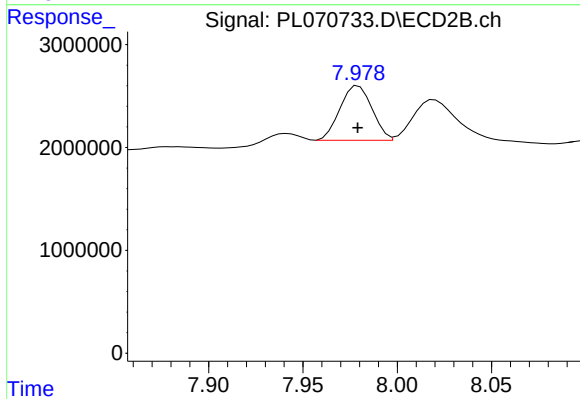
#7 delta-BHC

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 12652394
Conc: 5.59 ng/ml m



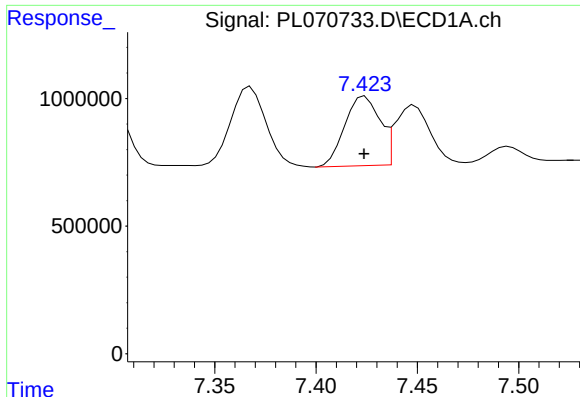
#8 Heptachlor epoxide

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 3774310
Conc: 6.31 ng/ml



#8 Heptachlor epoxide

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 6340622
Conc: 3.63 ng/ml m



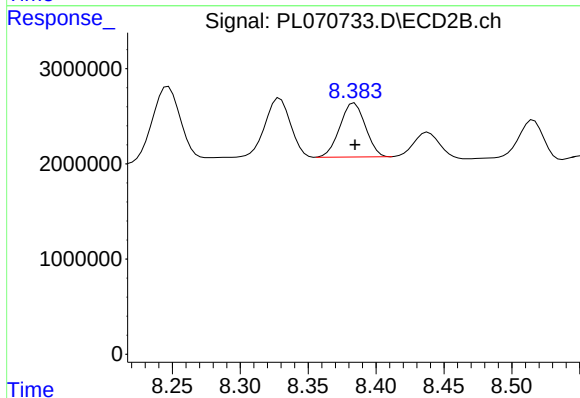
#9 Endosulfan I

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 3269034
Conc: 5.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HSMS

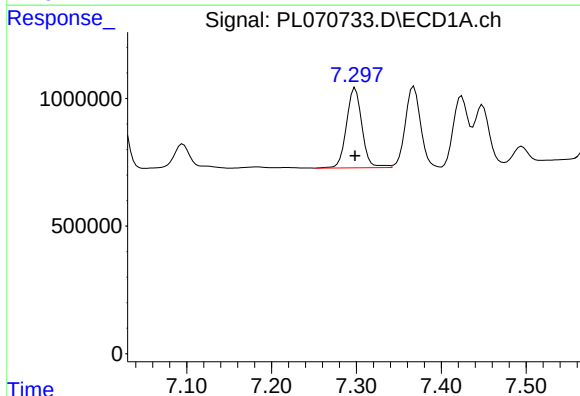
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



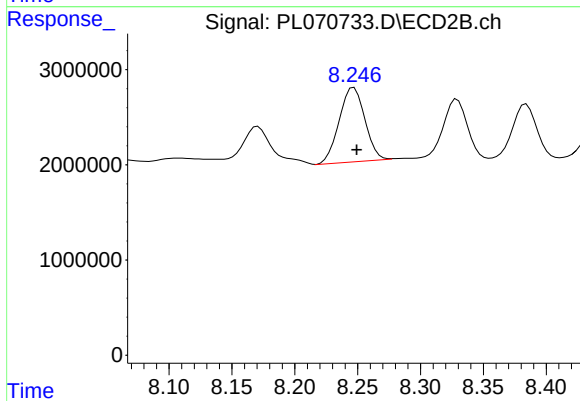
#9 Endosulfan I

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 7440345
Conc: 4.42 ng/ml



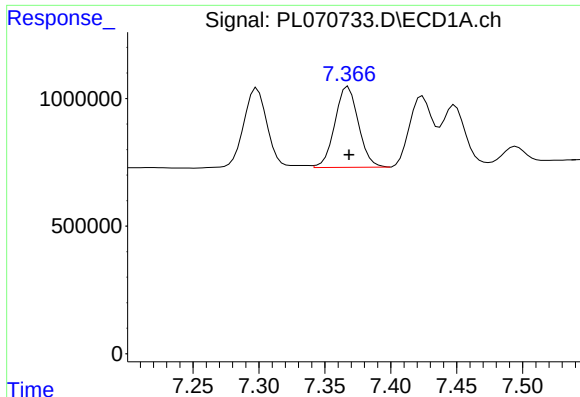
#10 gamma-Chlordane

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 3955504
Conc: 6.52 ng/ml



#10 gamma-Chlordane

R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 11138499
Conc: 6.12 ng/ml m



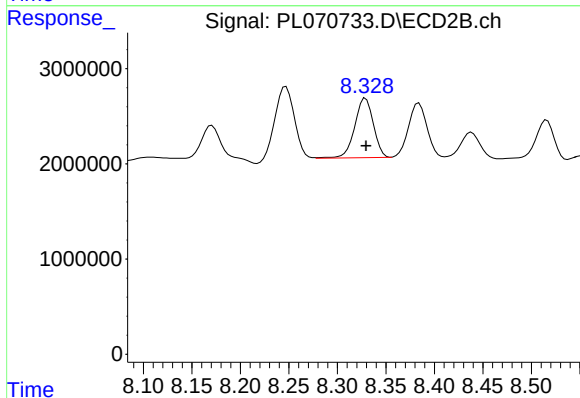
#11 alpha-Chlordane

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 3919557
Conc: 6.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

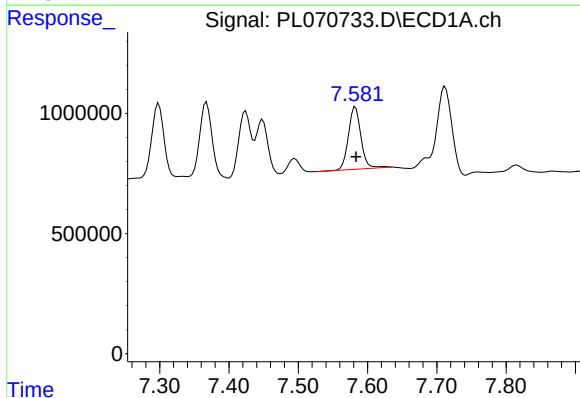
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



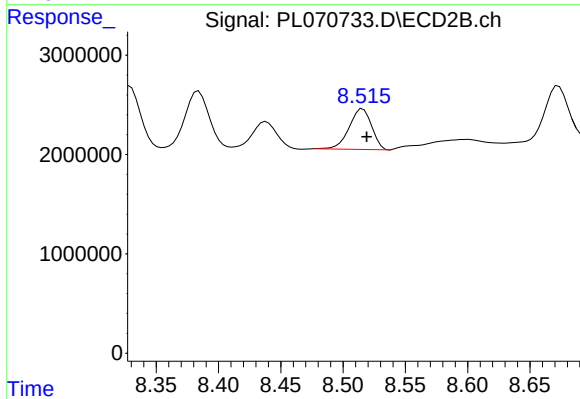
#11 alpha-Chlordane

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 8370193
Conc: 4.70 ng/ml



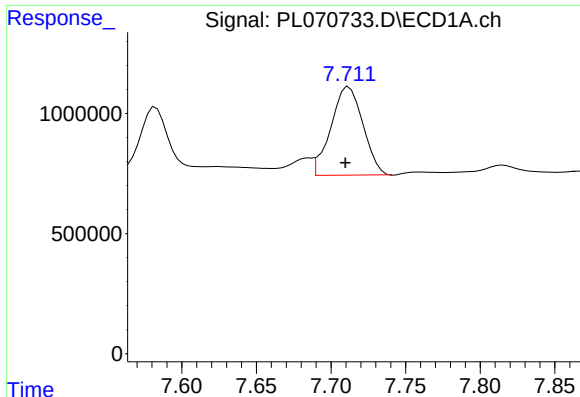
#12 4,4'-DDE

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 3291484
Conc: 6.32 ng/ml



#12 4,4'-DDE

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 5153402
Conc: 2.86 ng/ml



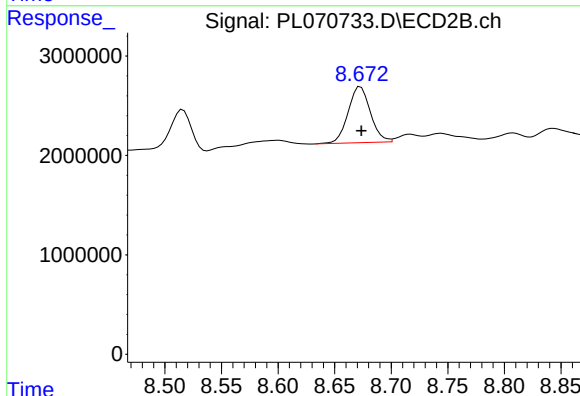
#13 Dieldrin

R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 5447673
Conc: 9.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

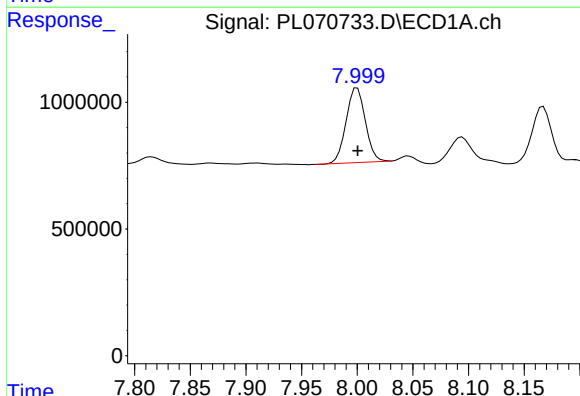
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



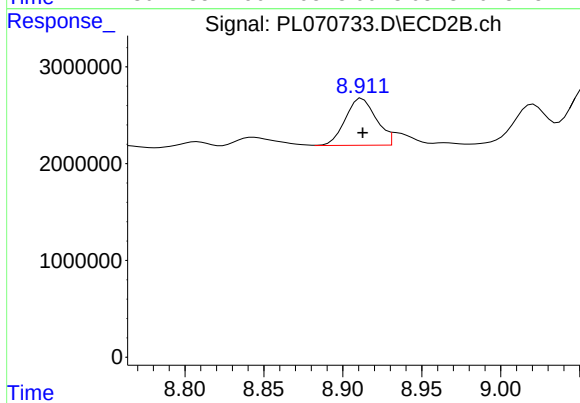
#13 Dieldrin

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 7715449
Conc: 4.38 ng/ml



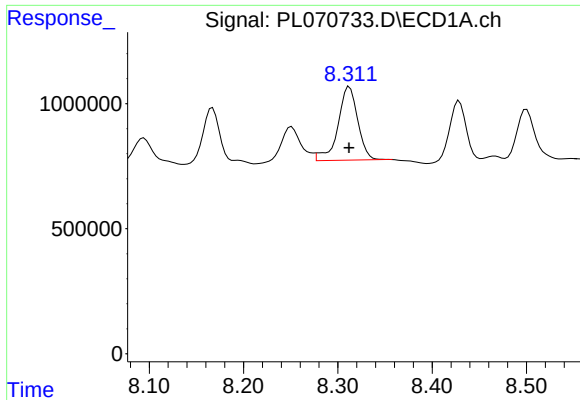
#14 Endrin

R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 3537777
Conc: 6.59 ng/ml



#14 Endrin

R.T.: 8.911 min
Delta R.T.: -0.002 min
Response: 6869016
Conc: 4.54 ng/ml m



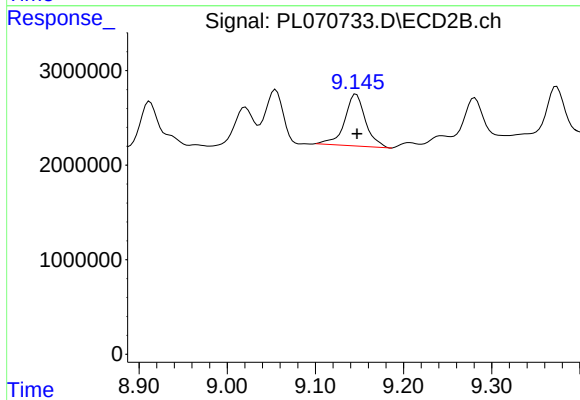
#15 Endosulfan II

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 4299580
Conc: 7.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HSMS

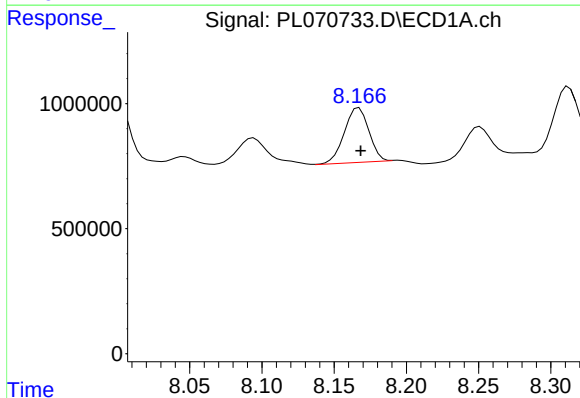
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



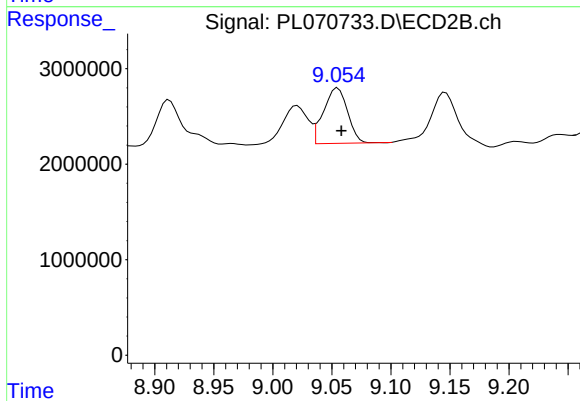
#15 Endosulfan II

R.T.: 9.146 min
Delta R.T.: -0.001 min
Response: 8997288
Conc: 6.01 ng/ml



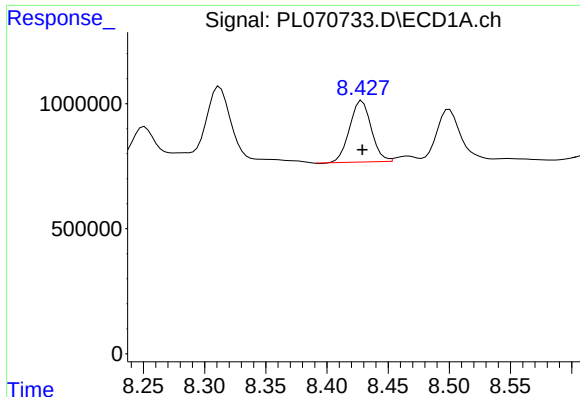
#16 4,4'-DDD

R.T.: 8.166 min
Delta R.T.: -0.003 min
Response: 2586335
Conc: 5.67 ng/ml m



#16 4,4'-DDD

R.T.: 9.055 min
Delta R.T.: -0.003 min
Response: 8206017
Conc: 5.10 ng/ml



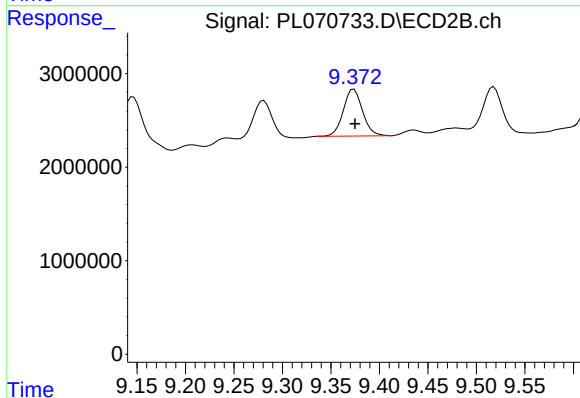
#17 4,4'-DDT

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 3020998
Conc: 5.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

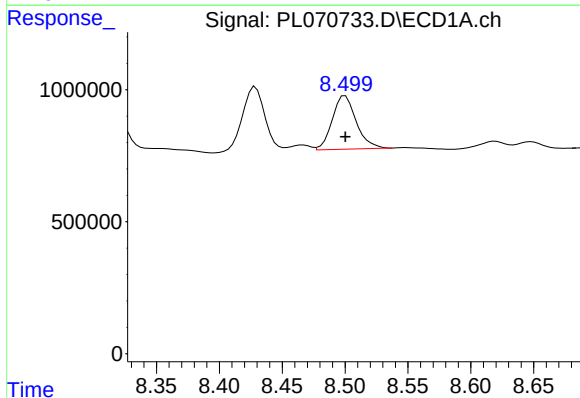
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



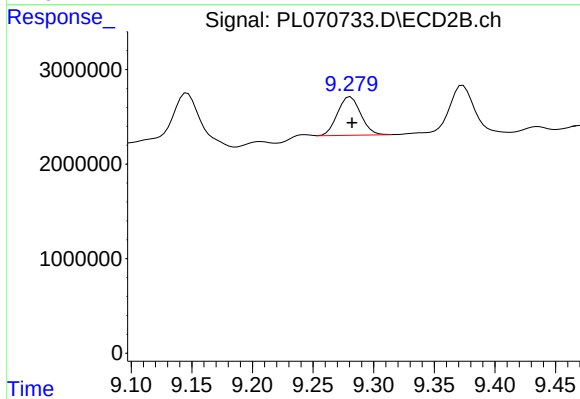
#17 4,4'-DDT

R.T.: 9.374 min
Delta R.T.: -0.001 min
Response: 6902130
Conc: 4.27 ng/ml



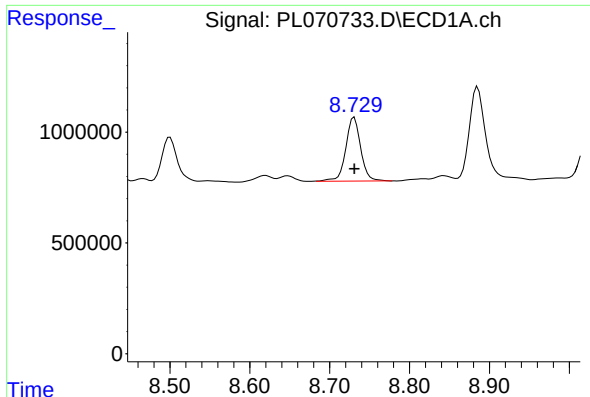
#18 Endrin aldehyde

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 2686028
Conc: 6.30 ng/ml



#18 Endrin aldehyde

R.T.: 9.279 min
Delta R.T.: -0.003 min
Response: 5436877
Conc: 4.62 ng/ml m



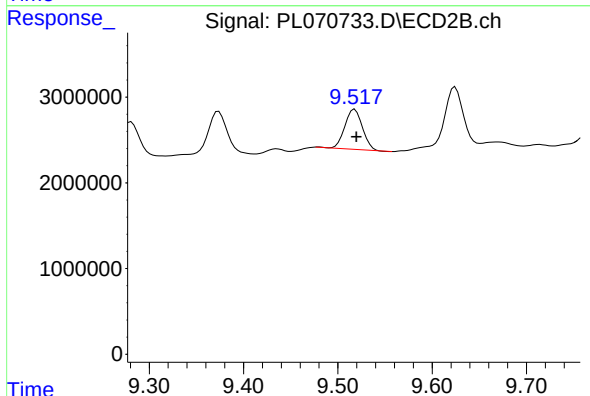
#19 Endosulfan Sulfate

R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 3742450
Conc: 6.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

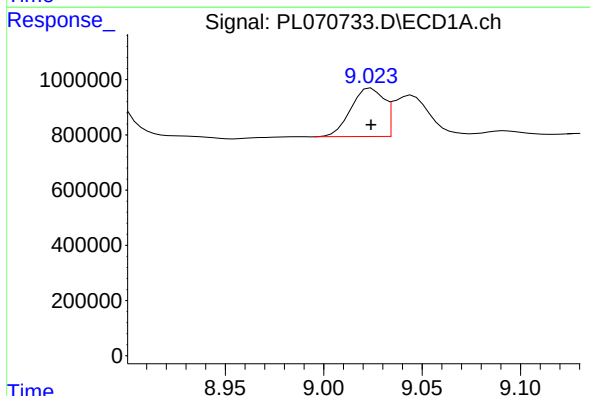
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



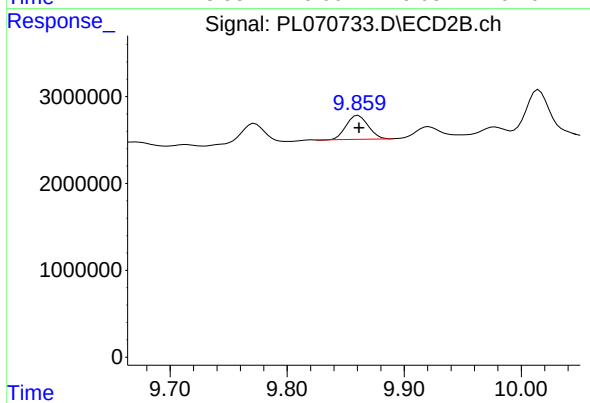
#19 Endosulfan Sulfate

R.T.: 9.518 min
Delta R.T.: -0.002 min
Response: 6076656
Conc: 4.05 ng/ml



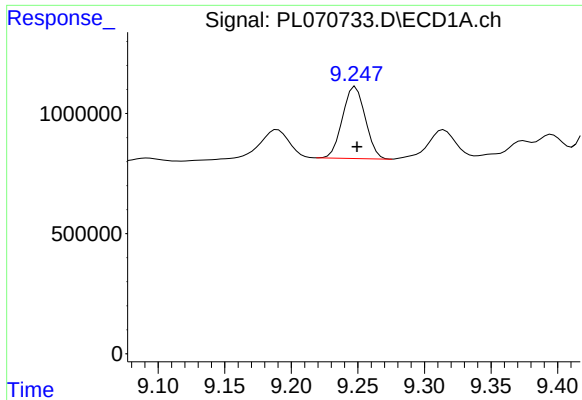
#20 Methoxychlor

R.T.: 9.023 min
Delta R.T.: -0.001 min
Response: 2319283
Conc: 6.98 ng/ml m



#20 Methoxychlor

R.T.: 9.861 min
Delta R.T.: 0.000 min
Response: 3576135
Conc: 4.27 ng/ml



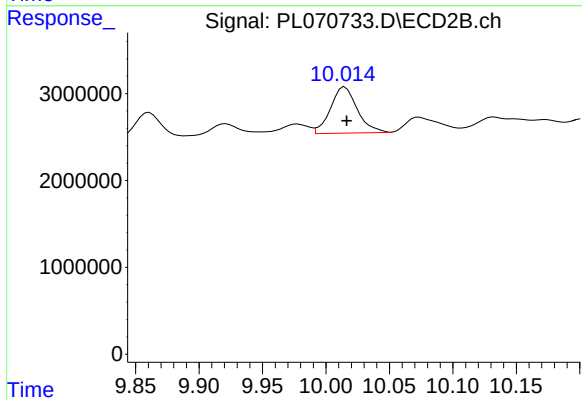
#21 Endrin ketone

R.T.: 9.247 min
Delta R.T.: -0.003 min
Response: 3567618
Conc: 5.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HSMS

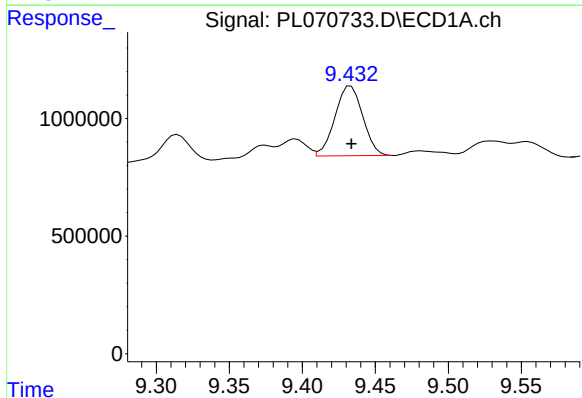
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



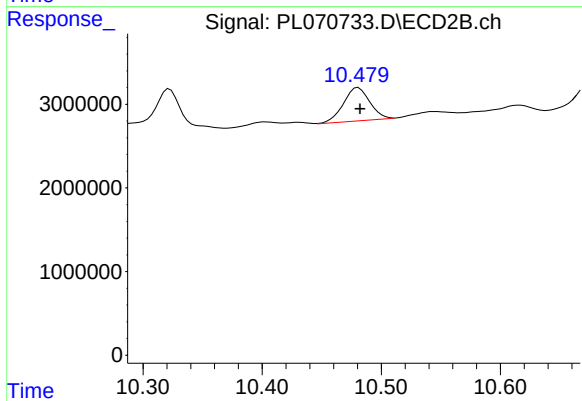
#21 Endrin ketone

R.T.: 10.015 min
Delta R.T.: -0.002 min
Response: 7806458
Conc: 4.78 ng/ml



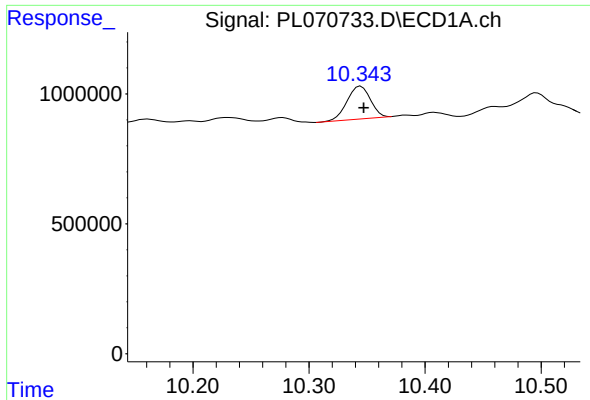
#22 Mirex

R.T.: 9.432 min
Delta R.T.: -0.002 min
Response: 3919818
Conc: 6.90 ng/ml m



#22 Mirex

R.T.: 10.479 min
Delta R.T.: -0.003 min
Response: 6147564
Conc: 5.14 ng/ml m



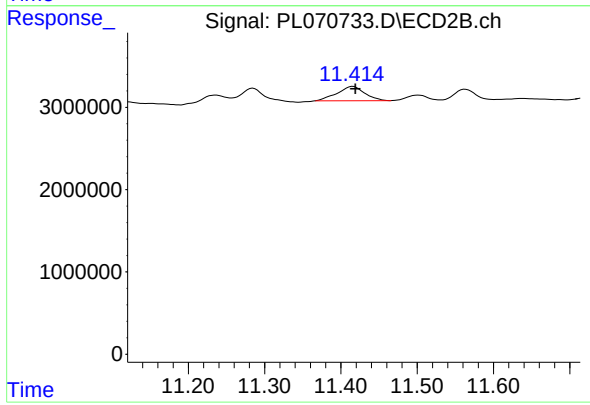
#28 Decachlorobiphenyl

R.T.: 10.345 min
Delta R.T.: -0.003 min
Response: 1762189
Conc: 2.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-HHSMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021



#28 Decachlorobiphenyl

R.T.: 11.416 min
Delta R.T.: -0.003 min
Response: 4362316
Conc: 3.05 ng/ml