

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 14:35
 Operator : AR\AJ
 Sample : N1979-01MSD 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT4743

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:52:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.642	5.490	1086552	2820283	3.392	1.718m#
28)	SA Decachlor...	10.416	11.331	1302204	3115992	2.561	1.743 #
Target Compounds							
2)	A alpha-BHC	5.350	6.054	2240209	11050301	5.435	4.912
3)	MA gamma-BHC...	5.771	6.442	4211512	13093075	10.096	6.132m#
4)	MA Heptachlor	6.186	7.102	2755688	13247071	6.107	5.654
5)	MB Aldrin	6.511	7.469	2479141	11823976	6.000	5.644m
6)	B beta-BHC	6.154	6.679	1333394	11923434	6.476	11.439 #
7)	B delta-BHC	6.416	6.945	2342091	13628772	5.831	6.328m
8)	B Heptachlo...	7.088	7.925	2587950	12813032	6.005	6.415m
9)	A Endosulfan I	7.493	8.325	2091198	10371364	5.098	5.682m
10)	B gamma-Chl...	7.364	8.193	2663145	11665758	6.090m	5.712m
11)	B alpha-Chl...	7.436	8.276	3528234	12375242	7.984	6.188m
12)	B 4,4'-DDE	7.647	8.463	2378121	7665000	6.627m	4.276m#
13)	MA Dieldrin	7.780	8.611	3914942	10601693	9.397	5.747m#
14)	MA Endrin	8.068	8.844	2729928	7683161	7.036	4.991m#
15)	B Endosulfa...	8.378	9.068	2673127	9631074	6.839m	6.271m
16)	A 4,4'-DDD	8.233	8.986	2062665	9296440	6.352m	6.369m
17)	MA 4,4'-DDT	8.496	9.307	2192754	8006119	5.798	4.898
18)	B Endrin al...	8.568	9.201	1859487	6877015	5.880	5.608m
19)	B Endosulfa...	8.799	9.438	2800276	9488830	6.629	6.021m
20)	A Methoxychlor	9.092	9.785	1592711	4411606	6.209	4.896m
21)	B Endrin ke...	9.318	9.926	2709231	8866557	5.538	5.372m
22)	Mirex	9.507	10.403	3212035	10120458	6.811	7.450m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 14:35
Operator : AR\AJ
Sample : N1979-01MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

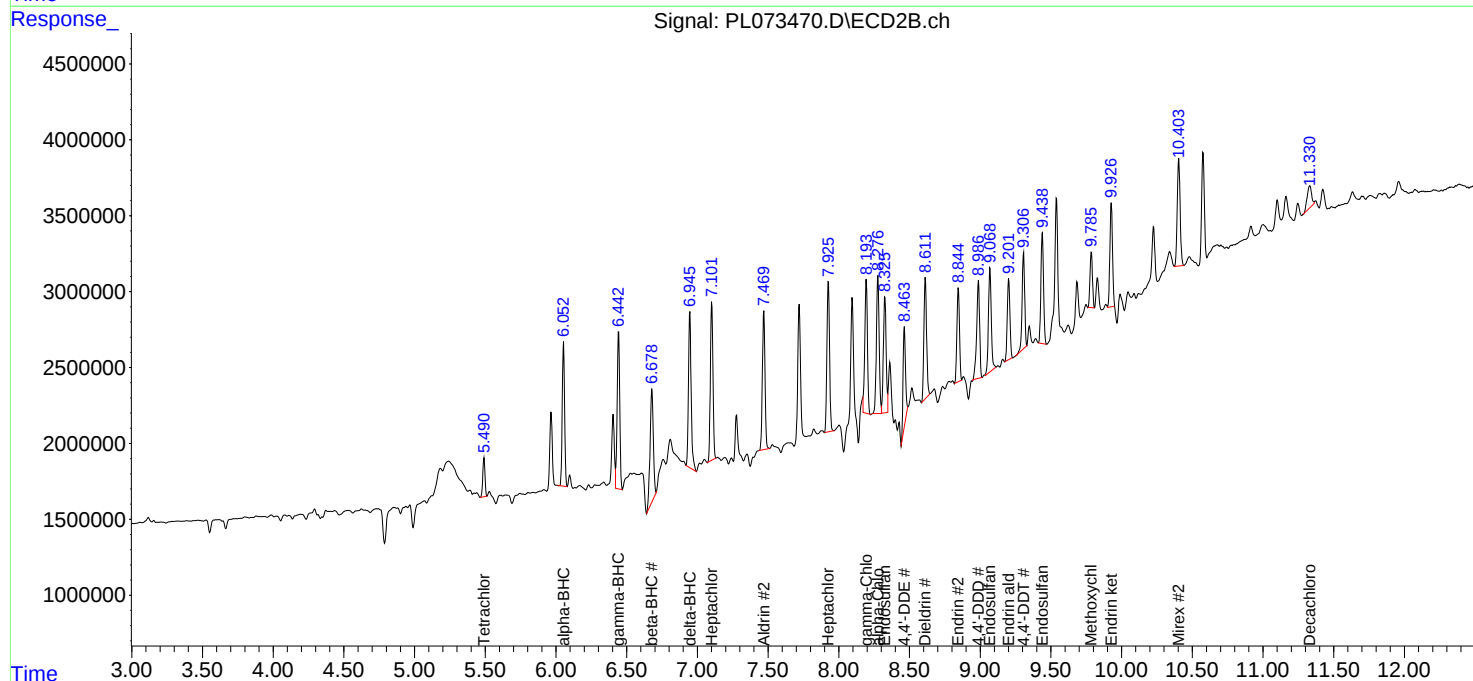
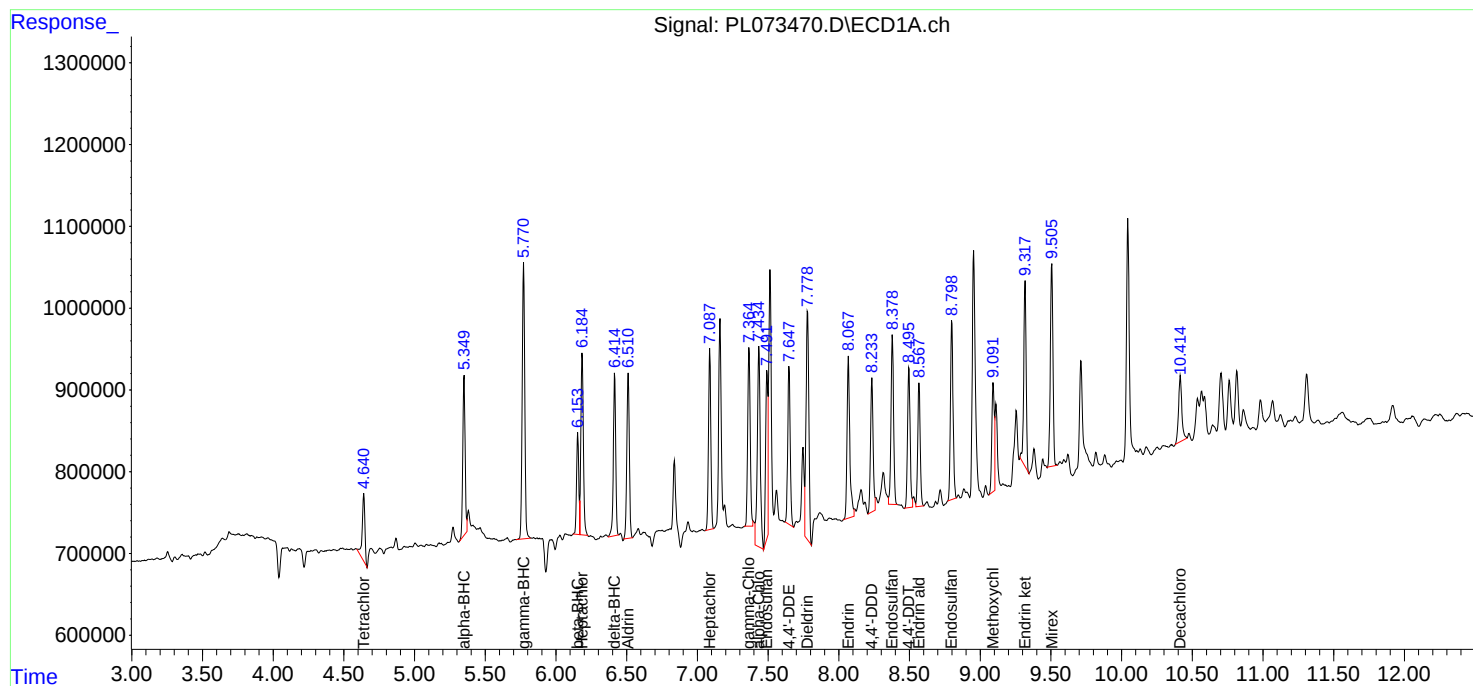
Instrument :
ECD_L
ClientSampleId :
RT4743

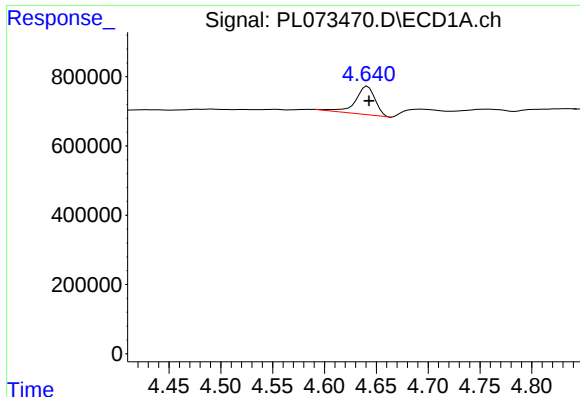
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/21/2022
Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 00:52:57 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
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





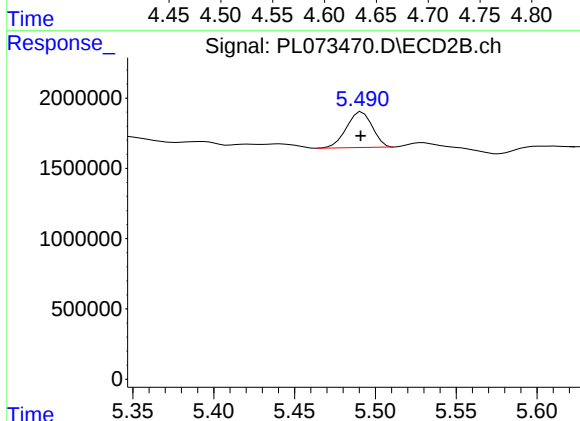
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 1086552
Conc: 3.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

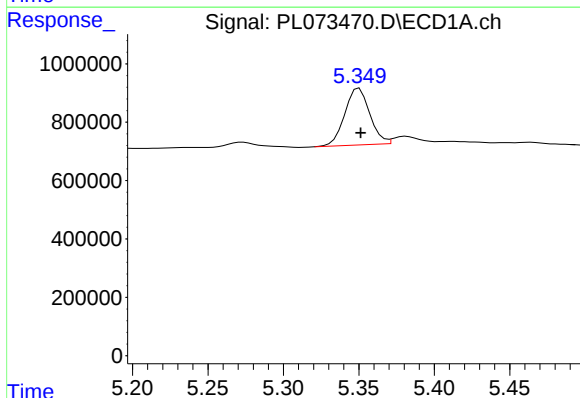
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



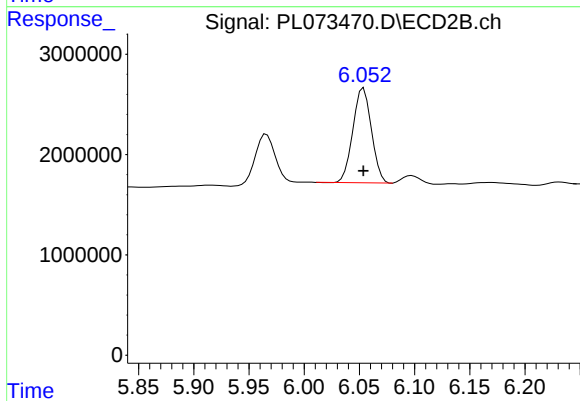
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 2820283
Conc: 1.72 ng/ml m



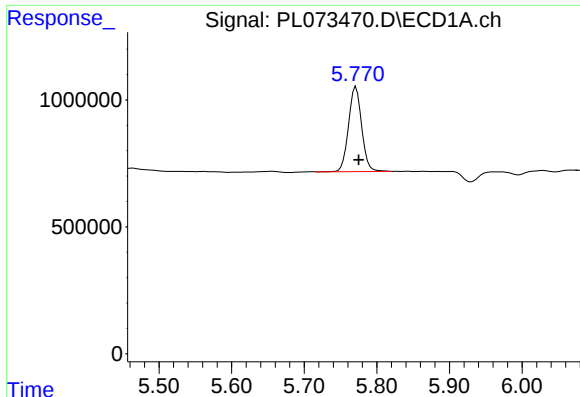
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 2240209
Conc: 5.43 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 11050301
Conc: 4.91 ng/ml



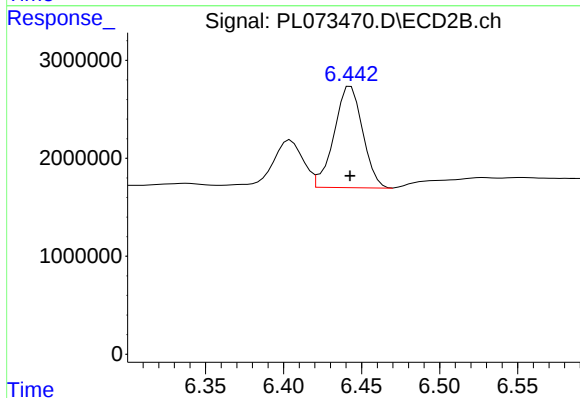
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 4211512
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

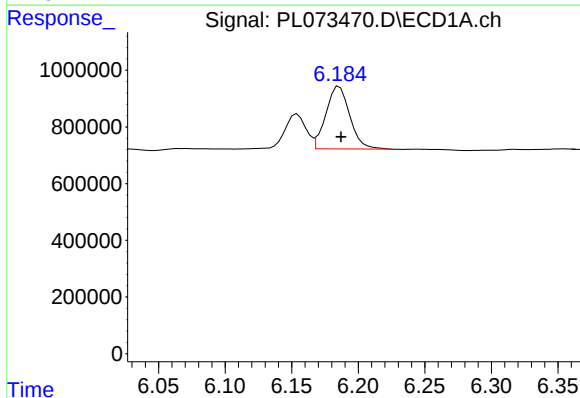
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



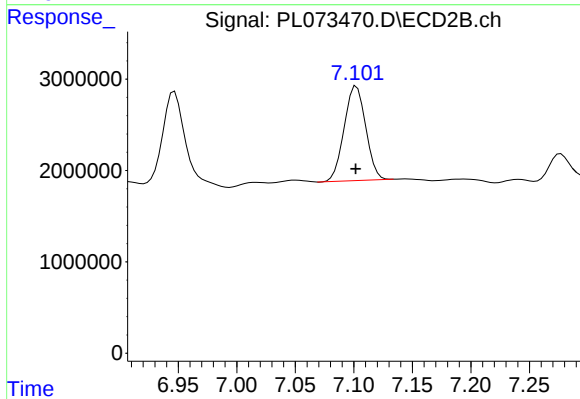
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 13093075
Conc: 6.13 ng/ml m



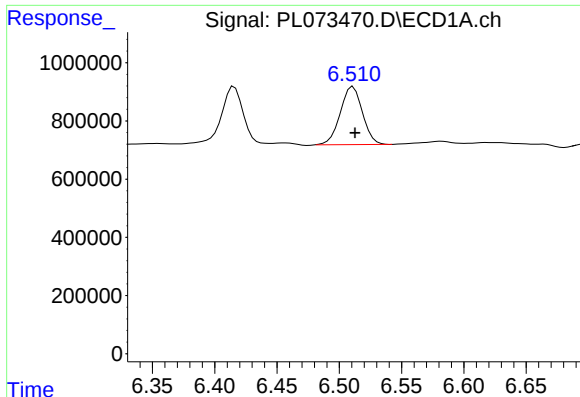
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 2755688
Conc: 6.11 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 13247071
Conc: 5.65 ng/ml



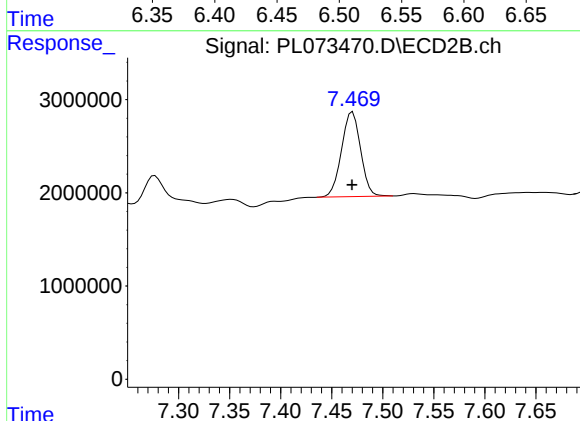
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 2479141
Conc: 6.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

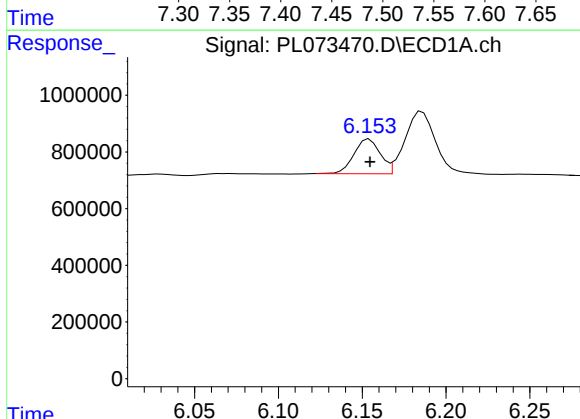
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



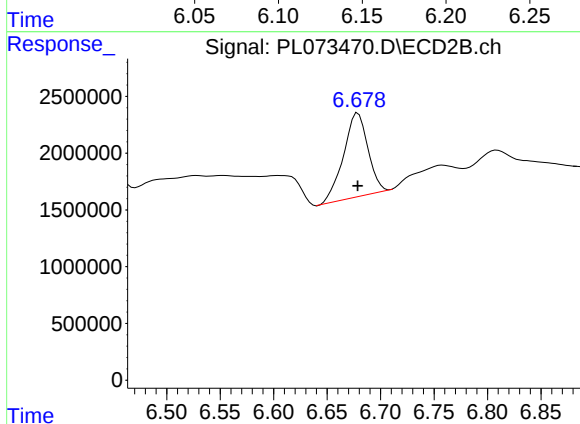
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 11823976
Conc: 5.64 ng/ml m



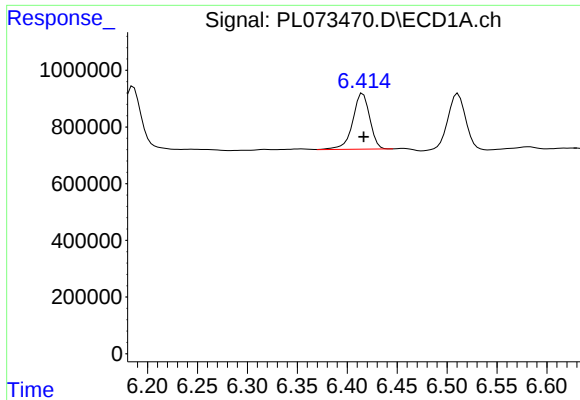
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 1333394
Conc: 6.48 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 11923434
Conc: 11.44 ng/ml



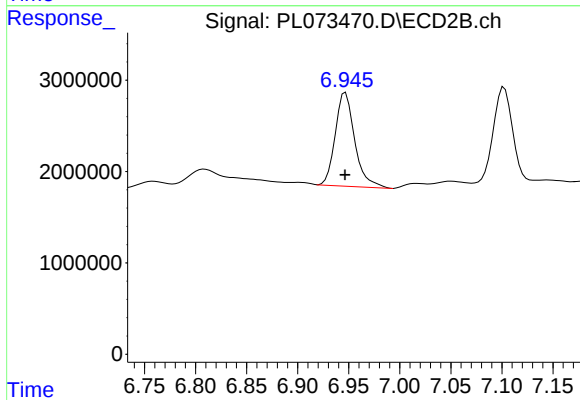
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 2342091
Conc: 5.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

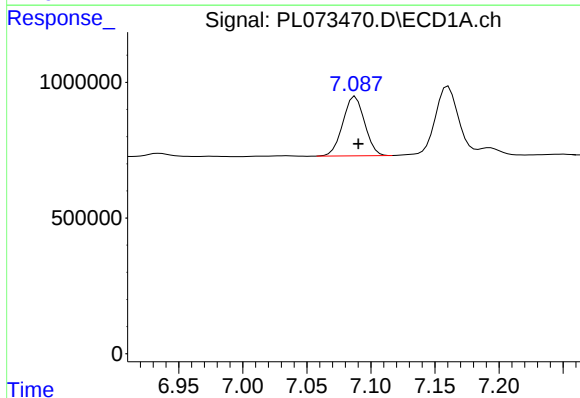
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



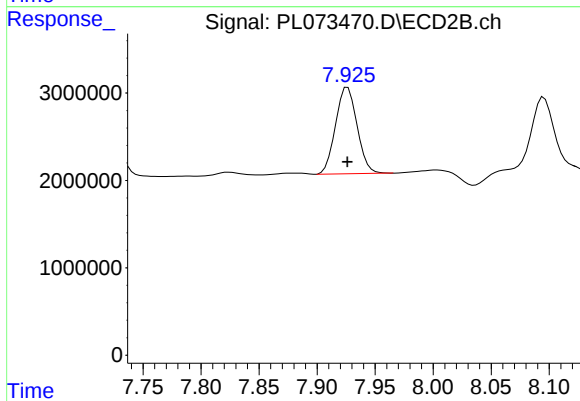
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 13628772
Conc: 6.33 ng/ml m



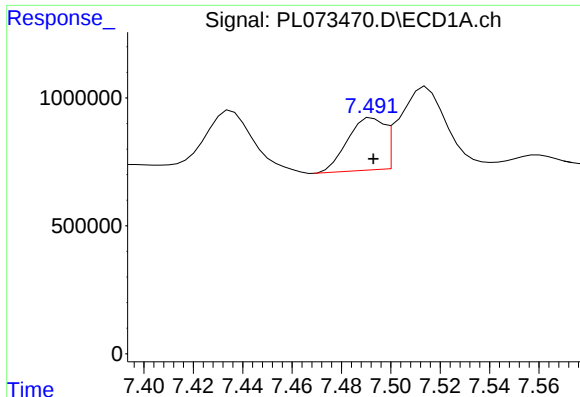
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 2587950
Conc: 6.00 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 12813032
Conc: 6.42 ng/ml m



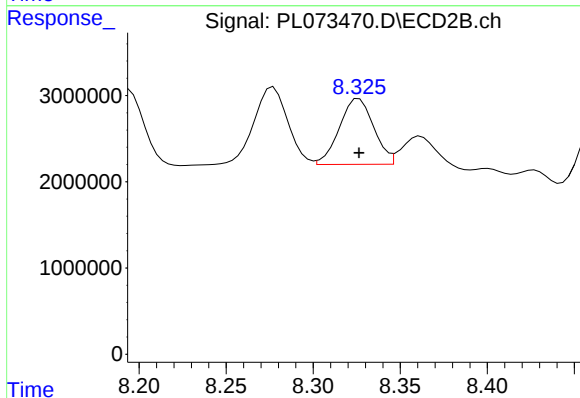
#9 Endosulfan I

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 2091198
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

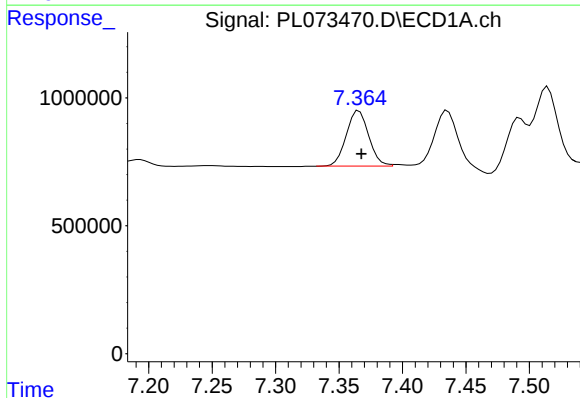
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



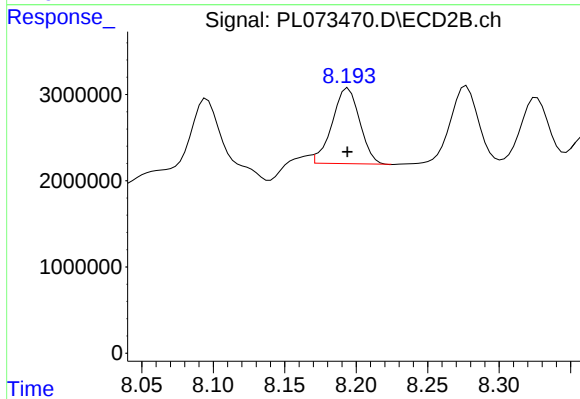
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.001 min
Response: 10371364
Conc: 5.68 ng/ml m



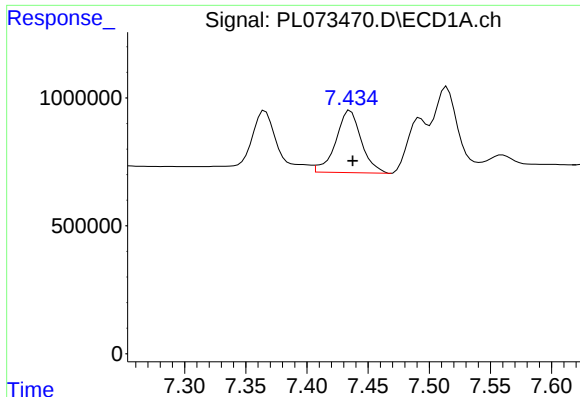
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 2663145
Conc: 6.09 ng/ml m



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 11665758
Conc: 5.71 ng/ml m



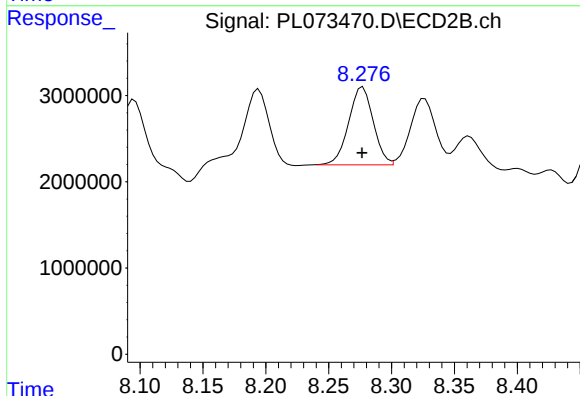
#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 3528234
Conc: 7.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

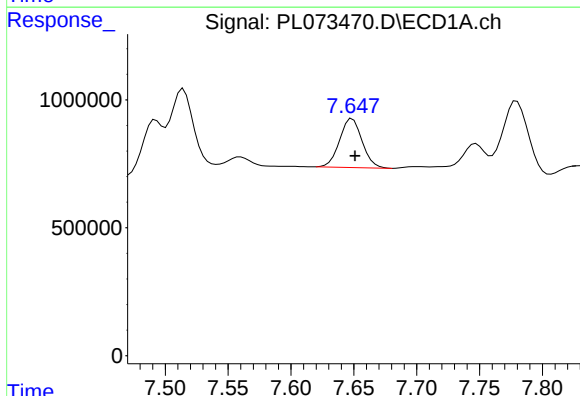
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



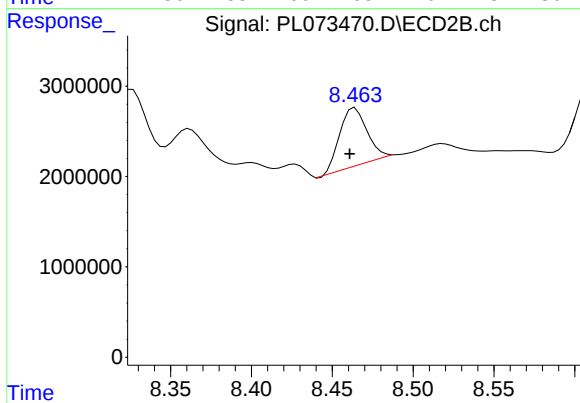
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 12375242
Conc: 6.19 ng/ml m



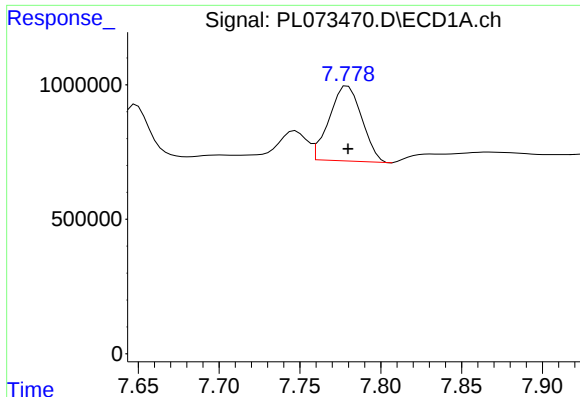
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 2378121
Conc: 6.63 ng/ml m



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 7665000
Conc: 4.28 ng/ml m



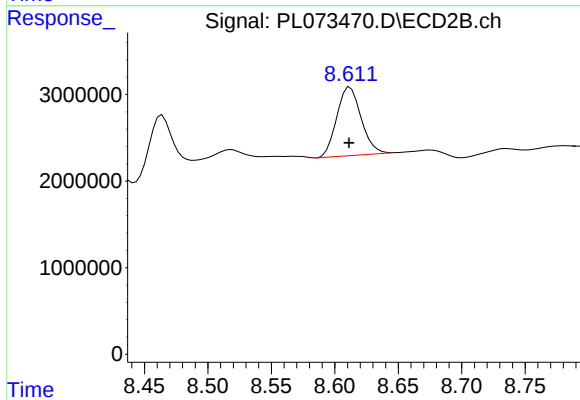
#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 3914942
Conc: 9.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

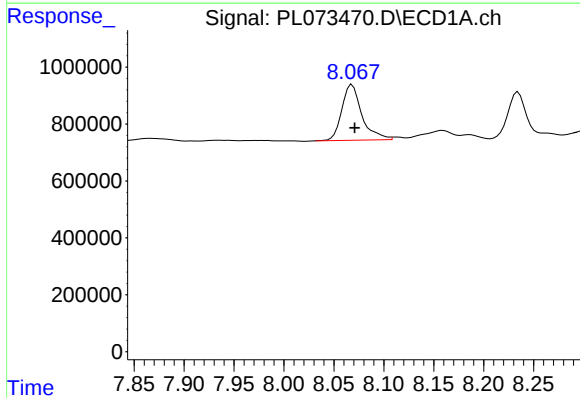
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



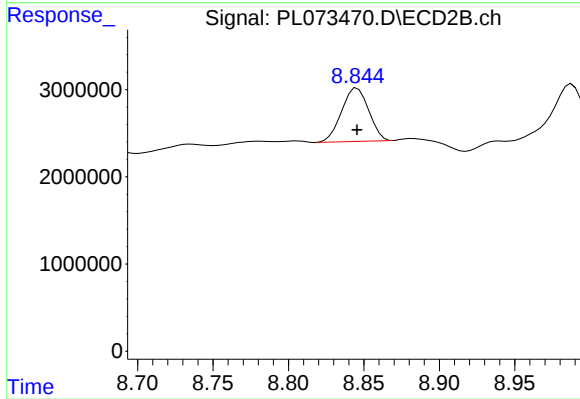
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 10601693
Conc: 5.75 ng/ml m



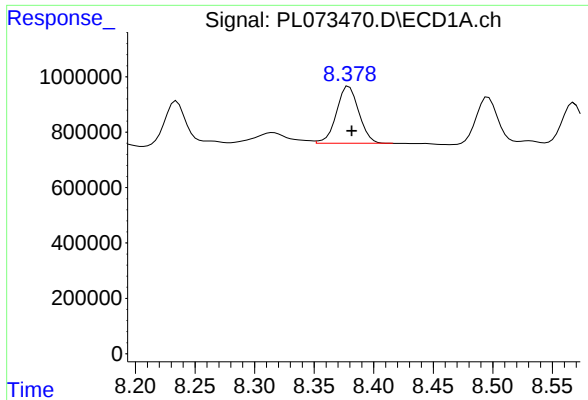
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 2729928
Conc: 7.04 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.001 min
Response: 7683161
Conc: 4.99 ng/ml m



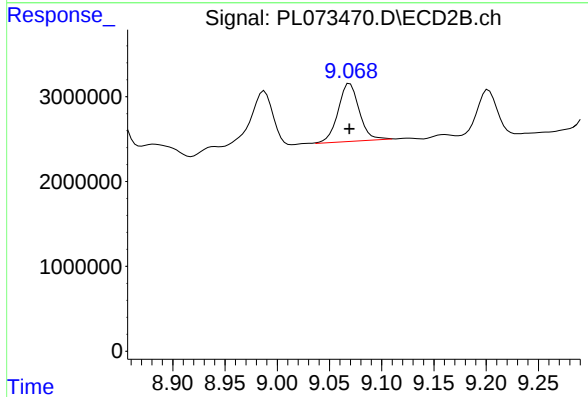
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 2673127
Conc: 6.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

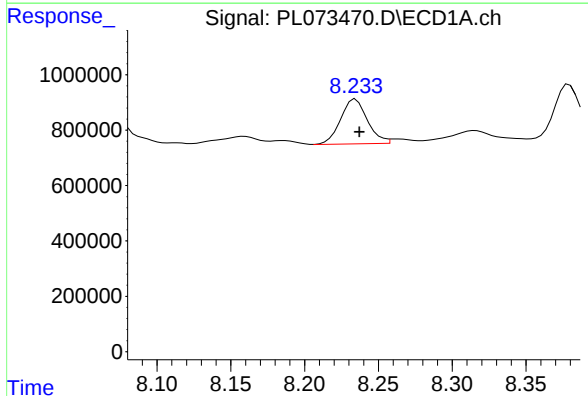
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



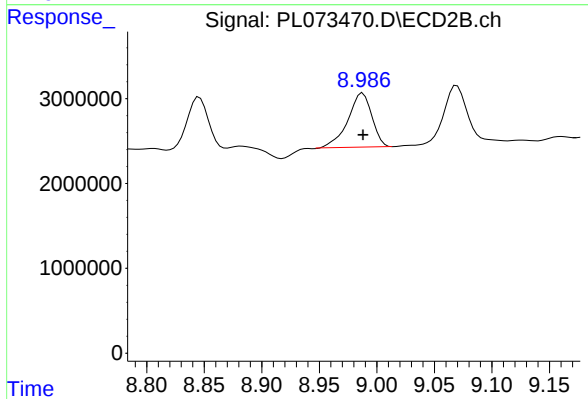
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 9631074
Conc: 6.27 ng/ml m



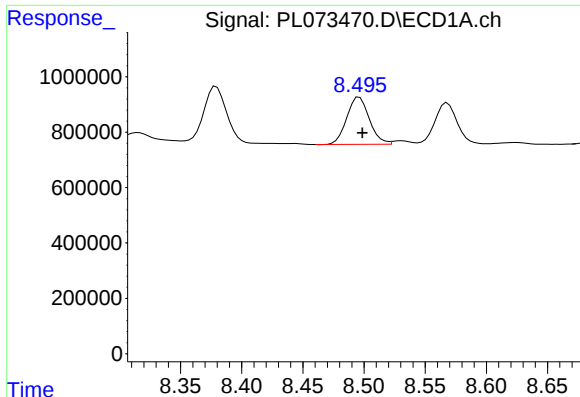
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 2062665
Conc: 6.35 ng/ml m



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 9296440
Conc: 6.37 ng/ml m



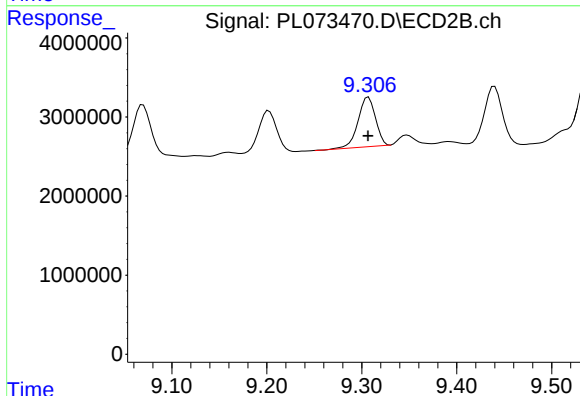
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 2192754
Conc: 5.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

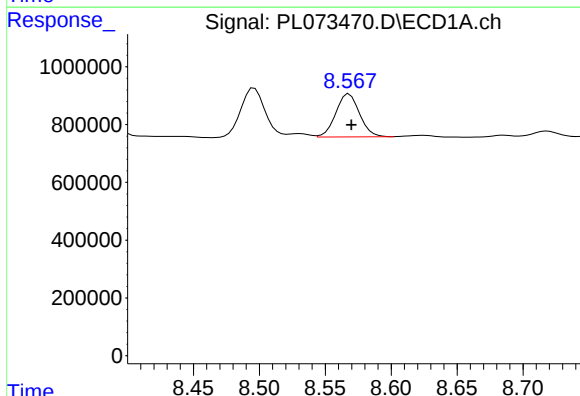
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



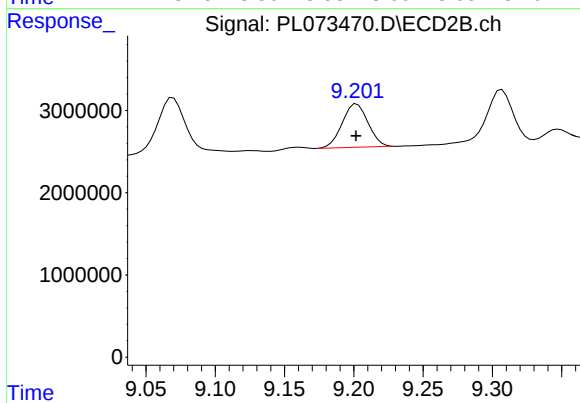
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 8006119
Conc: 4.90 ng/ml



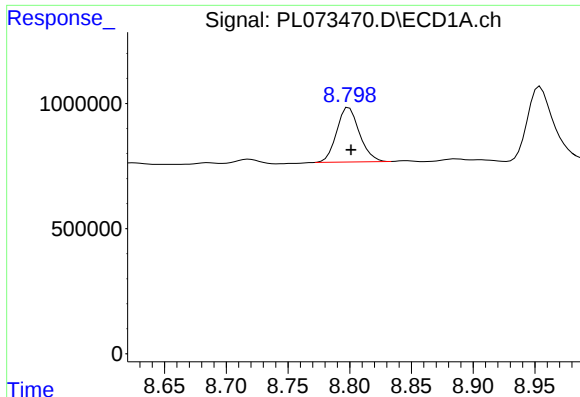
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 1859487
Conc: 5.88 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 6877015
Conc: 5.61 ng/ml m



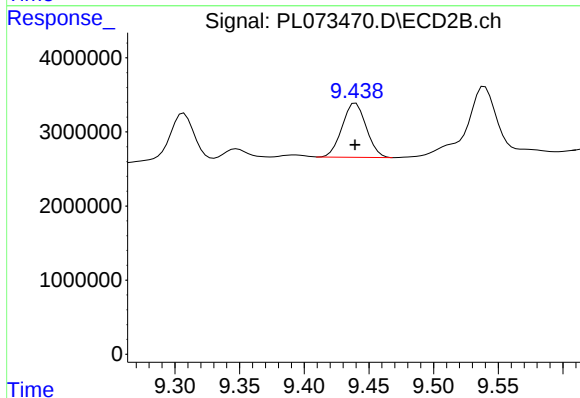
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 2800276
Conc: 6.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

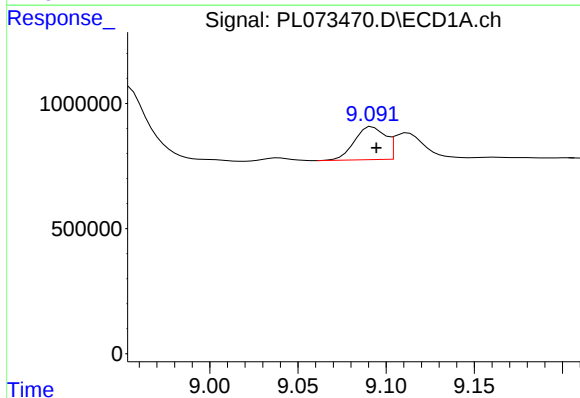
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



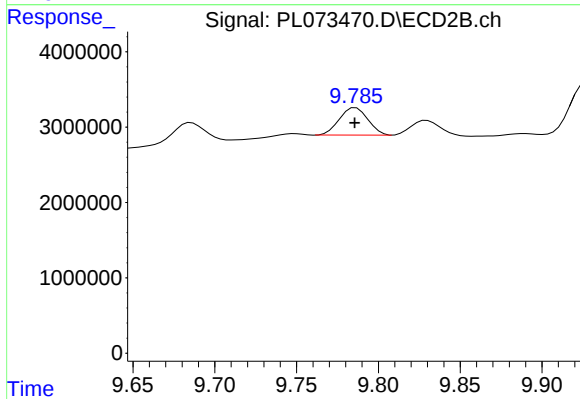
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: 0.000 min
Response: 9488830
Conc: 6.02 ng/ml m



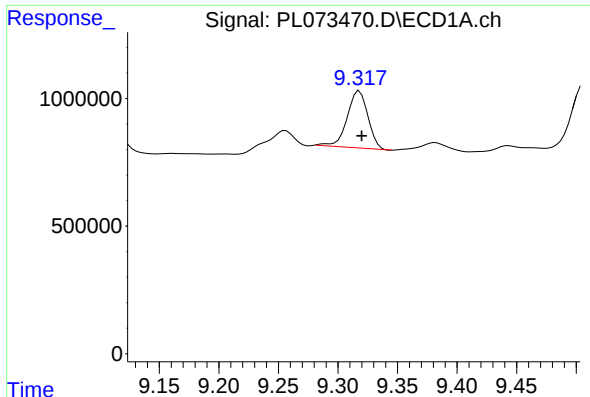
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 1592711
Conc: 6.21 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 4411606
Conc: 4.90 ng/ml m



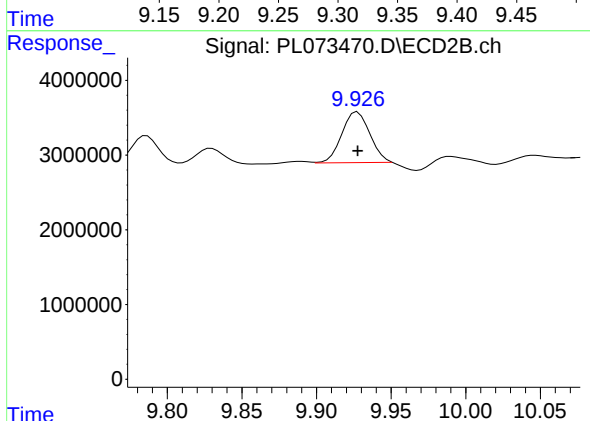
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 2709231
Conc: 5.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

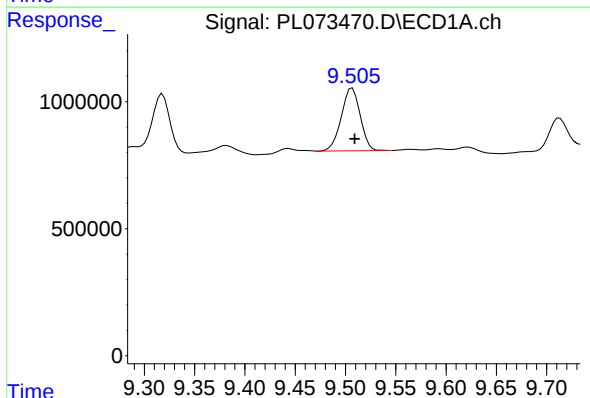
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



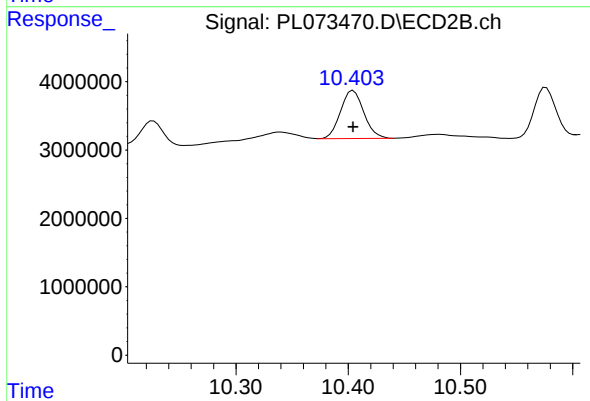
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.002 min
Response: 8866557
Conc: 5.37 ng/ml m



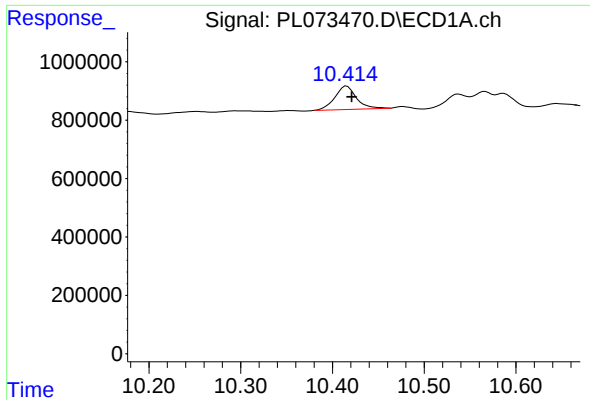
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 3212035
Conc: 6.81 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.001 min
Response: 10120458
Conc: 7.45 ng/ml m



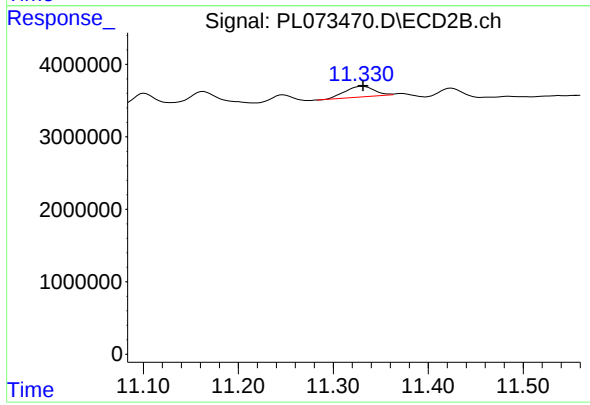
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 1302204
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 3115992
Conc: 1.74 ng/ml