

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
 Data File : PD065093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 10:29
 Operator : AR\AJ
 Sample : PCHLORCCC500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORCCC500

Manual Integrations
 APPROVED

mohammad
 8/23/2021 2:15:55 PM

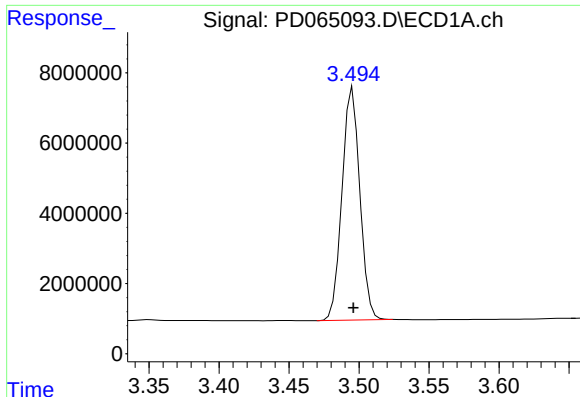
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 10:40:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.495	4.013	58933789	386.7E6	57.334	48.823
28)	SA Decachlor...	8.241	9.083	60429588	242.2E6	53.334	51.179
Target Compounds							
2)	A alpha-BHC	0.000	4.411	0	15736318	N.D.	1.355 #
3)	MA gamma-BHC...	0.000	4.711f	0	4766609	N.D.	0.450 #
4)	MA Heptachlor	4.517	5.198	25724394	245.9E6	19.750	24.524
5)	MB Aldrin	4.774	5.478f	2122314	90537794	1.770	10.023 #
7)	B delta-BHC	4.675	0.000	2418670	0	1.829	N.D. #
8)	B Heptachlo...	0.000	5.879	0	115.9E6	N.D.	15.532 #
9)	A Endosulfan I	5.527f	6.246	5534095	6310503	5.188	0.896 #
10)	B gamma-Chl...	5.433	6.126	53291480	395.5E6	47.132	51.724
11)	B alpha-Chl...	5.491	6.198	44690993	572.5E6	39.915	76.897 #
12)	B 4,4'-DDE	5.655	6.353	562160	5868990	0.533	0.817 #
13)	MA Dieldrin	5.770f	6.503	2708552	28421301	2.413	3.917 #
14)	MA Endrin	6.046	6.747f	2935294	4238044	2.797	0.689 #
15)	B Endosulfa...	6.328	6.947	22129978	6898997	22.133	1.177 #
16)	A 4,4'-DDD	6.166	6.866f	-1639266	25488154	N.D.	4.334
17)	MA 4,4'-DDT	6.384f	7.127f	907729	3776859	0.913	0.630 #
18)	B Endrin al...	6.488	7.048f	909457	9313303	1.099	1.997 #
19)	B Endosulfa...	6.701	7.288	199539	5232872	0.188	0.913 #
20)	A Methoxychlor	0.000	7.604	0	1451197	N.D.	0.480 #
21)	B Endrin ke...	0.000	7.788f	0	2234547	N.D.	0.344 #
22)	Mirex	7.386	8.234f	3063642	521801	3.004	0.117 #
23)	Chlordane-1	4.366	5.008	18765213	159.0E6	495.490	513.449
24)	Chlordane-2	4.866	5.478	21370448	90537794	489.649	289.421 #
25)	Chlordane-3	5.433	6.126	53291480	395.5E6	482.840	382.535
26)	Chlordane-4	5.491	6.198	44690993	572.5E6	486.810	476.136
27)	Chlordane-5	6.328	7.009	22129978	109.8E6	491.900	463.114

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



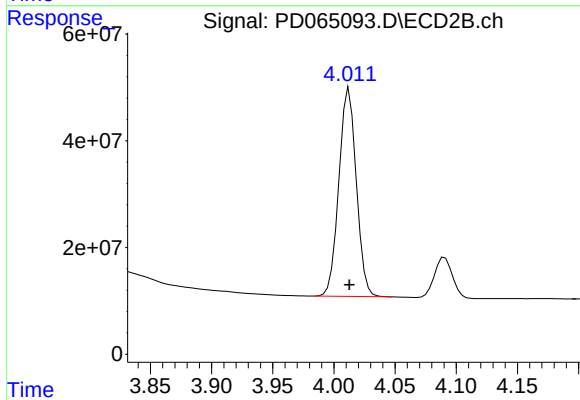
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 58933789
Conc: 57.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

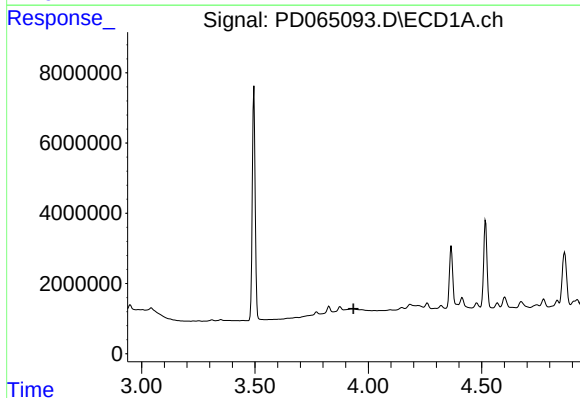
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



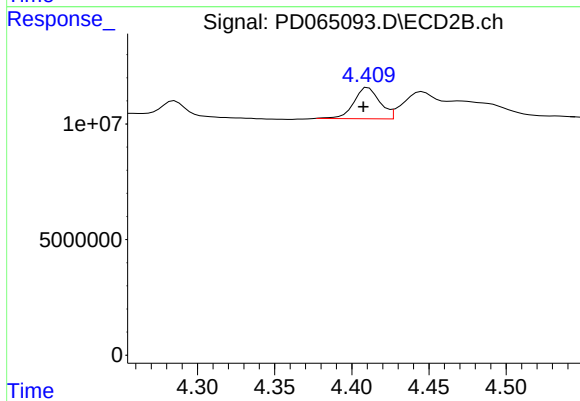
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 386713055
Conc: 48.82 ng/ml



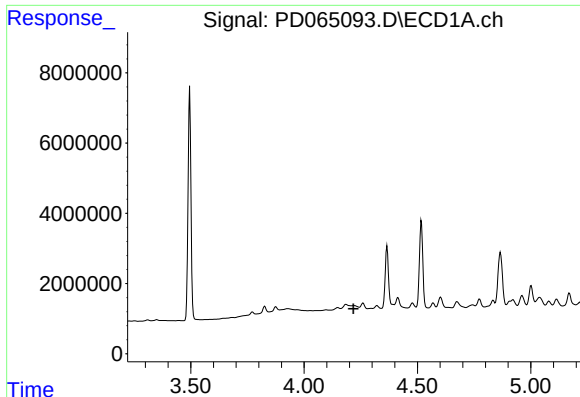
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 4.411 min
Delta R.T.: 0.003 min
Response: 15736318
Conc: 1.35 ng/ml



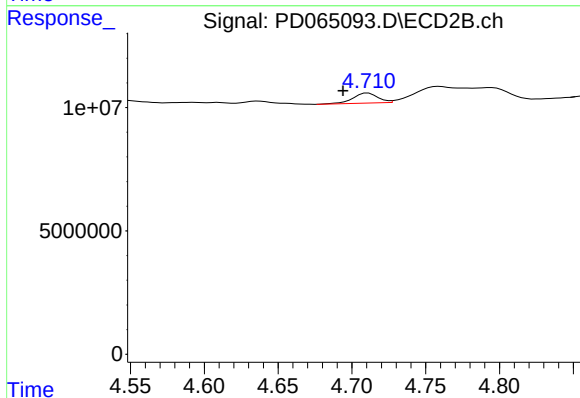
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.219 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

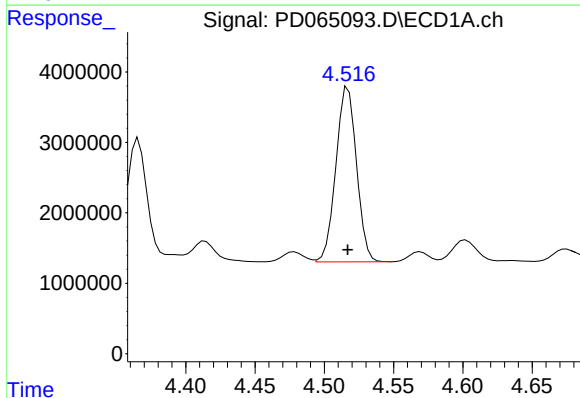
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



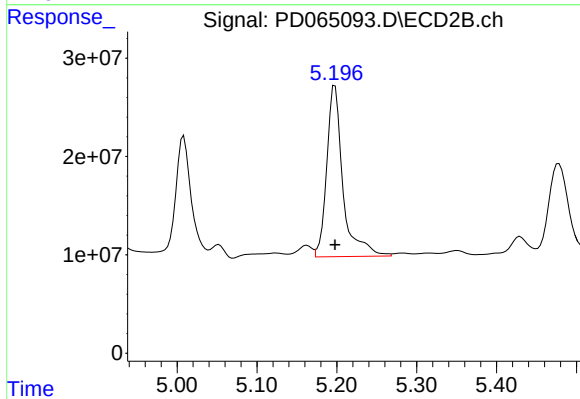
#3 gamma-BHC (Lindane)

R.T.: 4.711 min
Delta R.T.: 0.017 min
Response: 4766609
Conc: 0.45 ng/ml



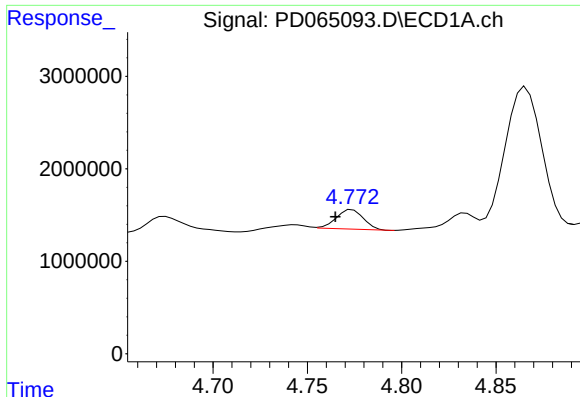
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 25724394
Conc: 19.75 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 245880470
Conc: 24.52 ng/ml



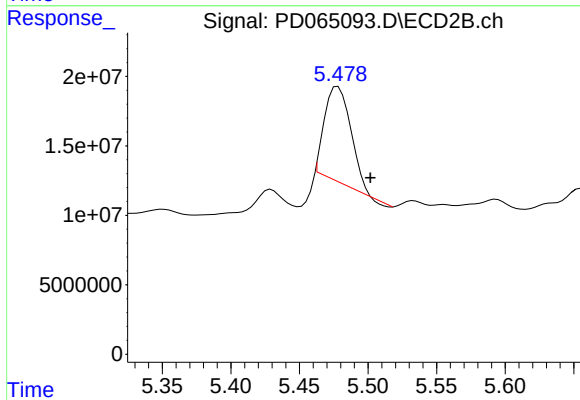
#5 Aldrin

R.T.: 4.774 min
Delta R.T.: 0.009 min
Response: 2122314
Conc: 1.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

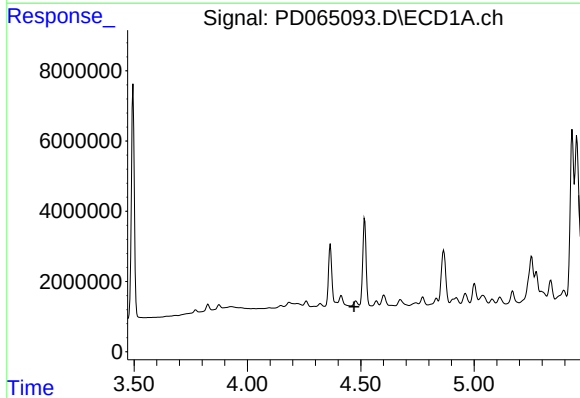
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



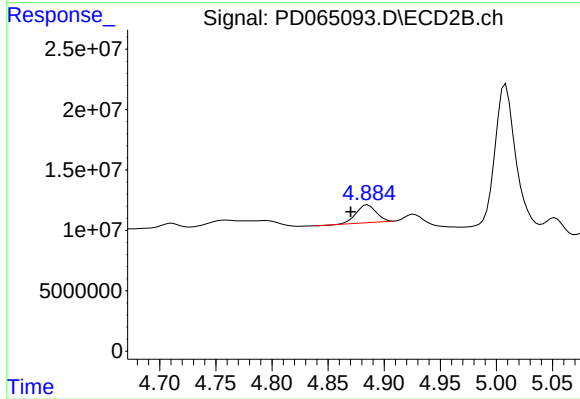
#5 Aldrin

R.T.: 5.478 min
Delta R.T.: -0.024 min
Response: 90537794
Conc: 10.02 ng/ml



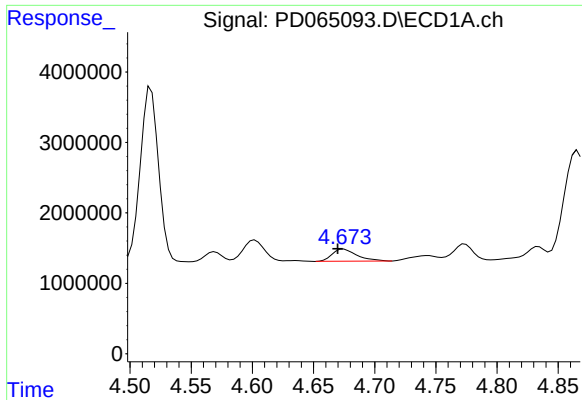
#6 beta-BHC

R.T.: 4.479 min
Delta R.T.: 0.008 min
Response: 1574801
Conc: N.D.



#6 beta-BHC

R.T.: 4.886 min
Delta R.T.: 0.015 min
Response: 18869516
Conc: 0.51 ng/ml



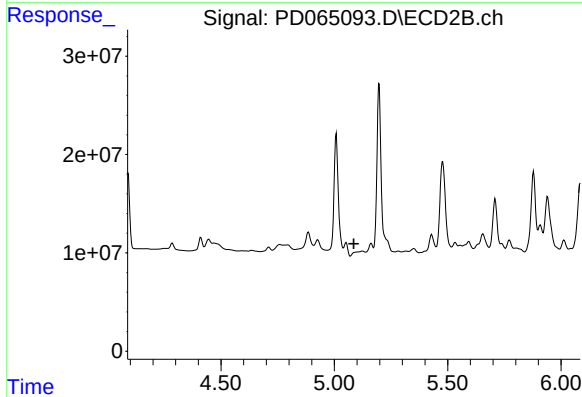
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.005 min
Response: 2418670
Conc: 1.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

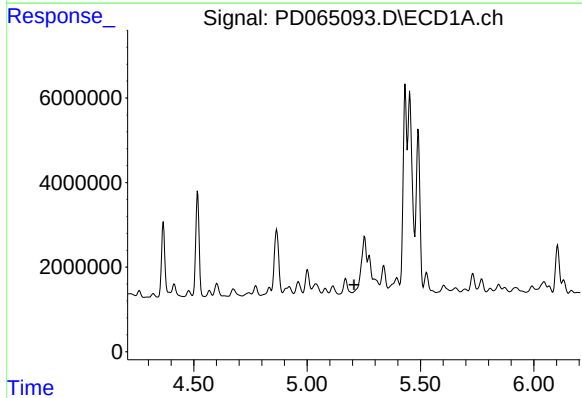
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



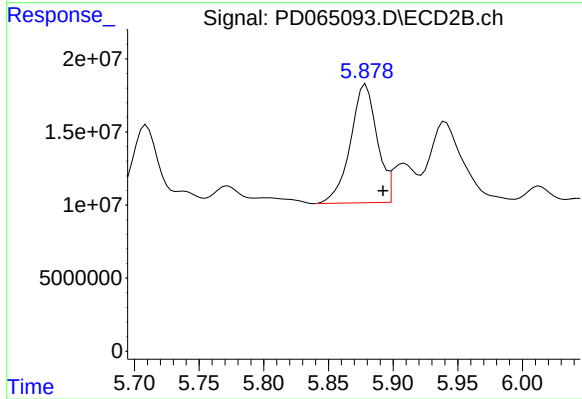
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



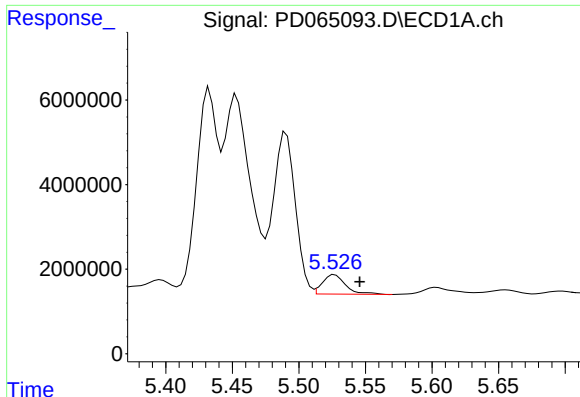
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.207 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 5.879 min
Delta R.T.: -0.013 min
Response: 115877070
Conc: 15.53 ng/ml



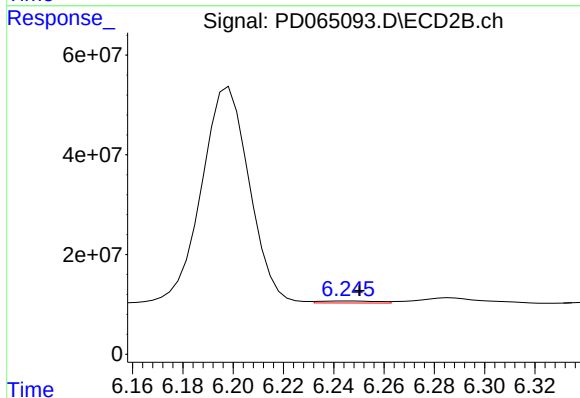
#9 Endosulfan I

R.T.: 5.527 min
Delta R.T.: -0.019 min
Response: 5534095
Conc: 5.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

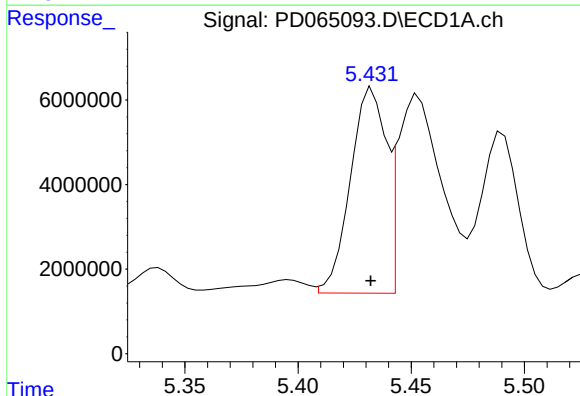
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



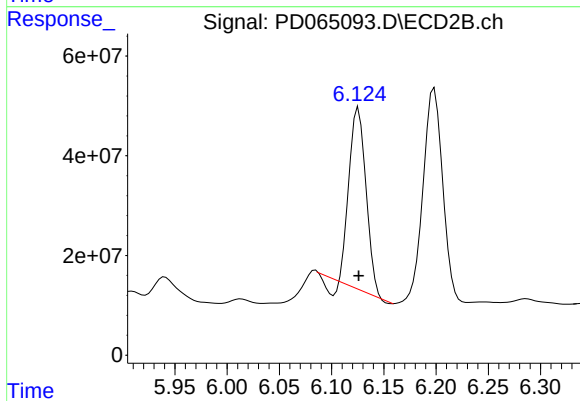
#9 Endosulfan I

R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 6310503
Conc: 0.90 ng/ml



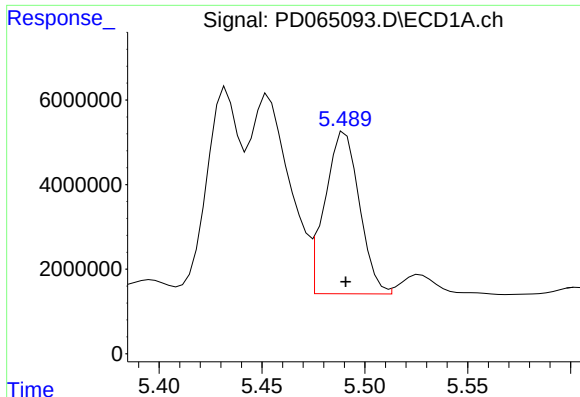
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 53291480
Conc: 47.13 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 395485238
Conc: 51.72 ng/ml



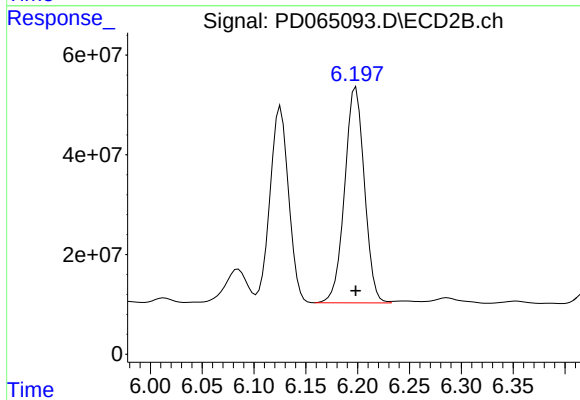
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 44690993
Conc: 39.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

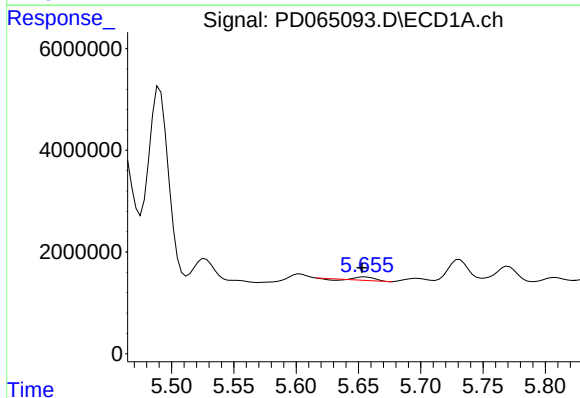
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



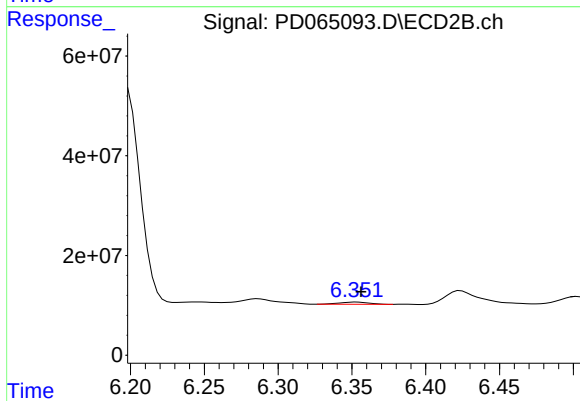
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 572468296
Conc: 76.90 ng/ml



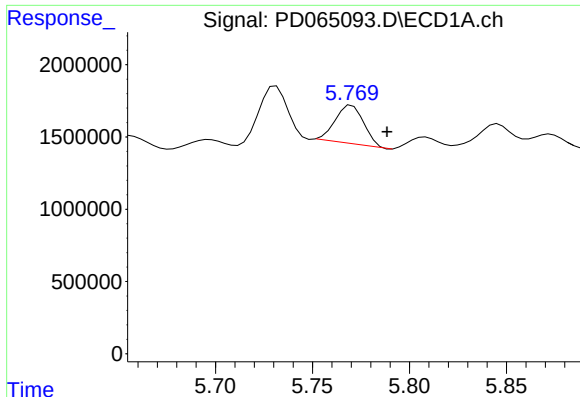
#12 4,4'-DDE

R.T.: 5.655 min
Delta R.T.: 0.003 min
Response: 562160
Conc: 0.53 ng/ml



#12 4,4'-DDE

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 5868990
Conc: 0.82 ng/ml



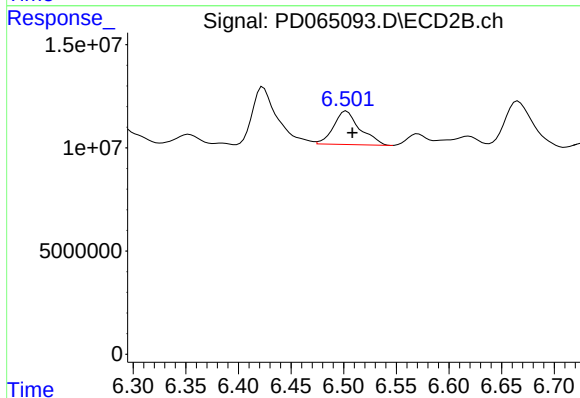
#13 Dieldrin

R.T.: 5.770 min
Delta R.T.: -0.018 min
Response: 2708552
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

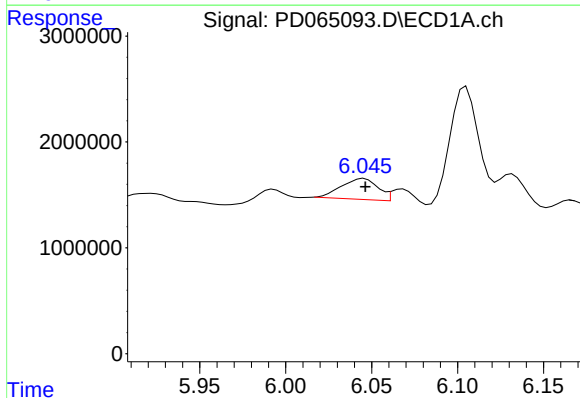
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



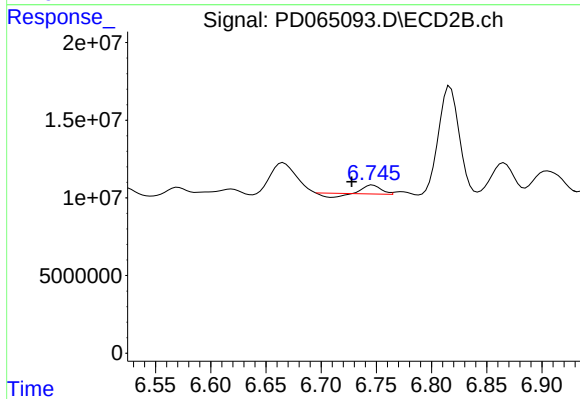
#13 Dieldrin

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 28421301
Conc: 3.92 ng/ml



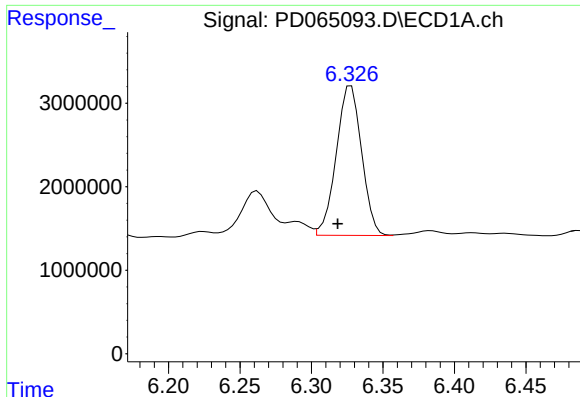
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2935294
Conc: 2.80 ng/ml



#14 Endrin

R.T.: 6.747 min
Delta R.T.: 0.019 min
Response: 4238044
Conc: 0.69 ng/ml



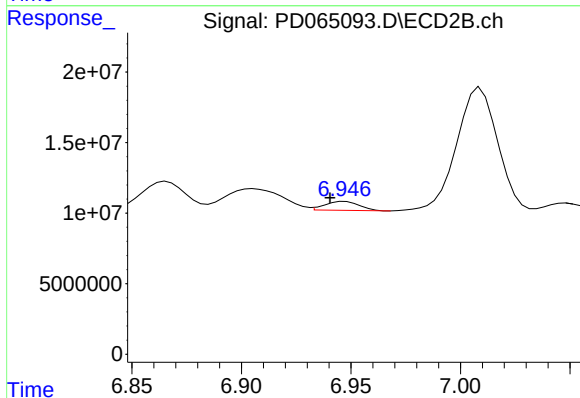
#15 Endosulfan II

R.T.: 6.328 min
Delta R.T.: 0.009 min
Response: 22129978
Conc: 22.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

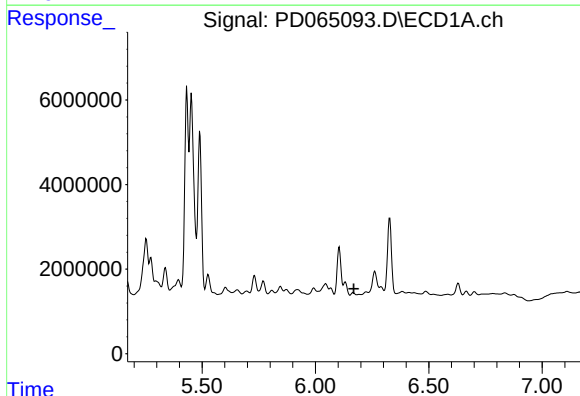
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



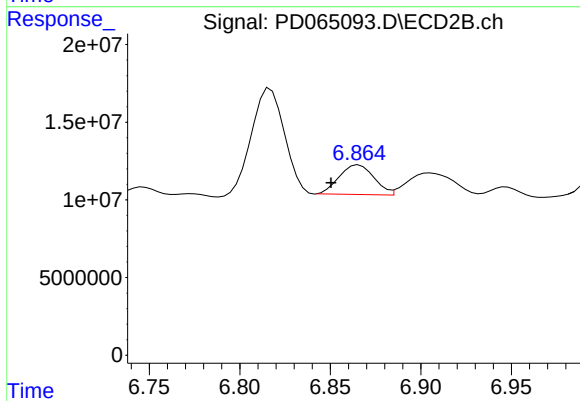
#15 Endosulfan II

R.T.: 6.947 min
Delta R.T.: 0.007 min
Response: 6898997
Conc: 1.18 ng/ml



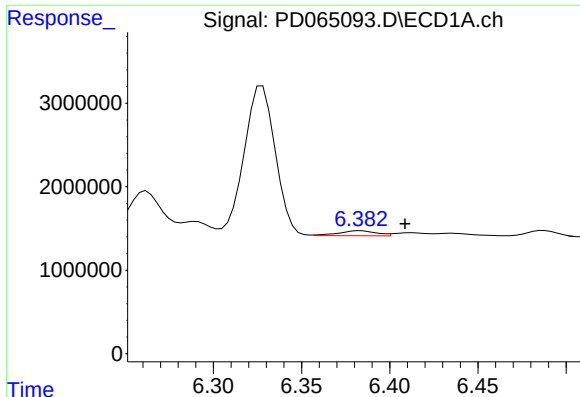
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: -1639266
Conc: N.D.



#16 4,4'-DDD

R.T.: 6.866 min
Delta R.T.: 0.015 min
Response: 25488154
Conc: 4.33 ng/ml



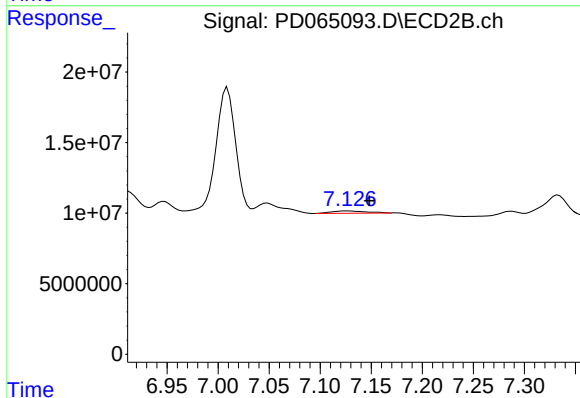
#17 4,4'-DDT

R.T.: 6.384 min
Delta R.T.: -0.025 min
Response: 907729
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

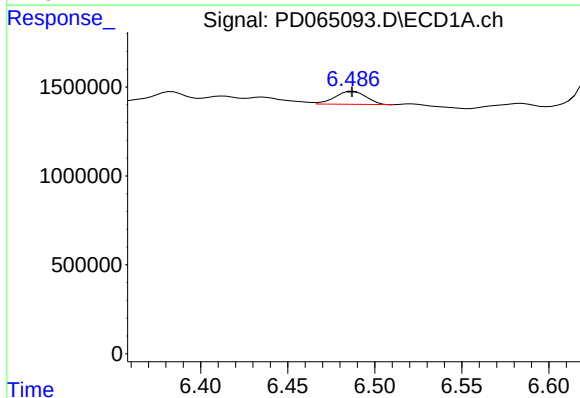
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



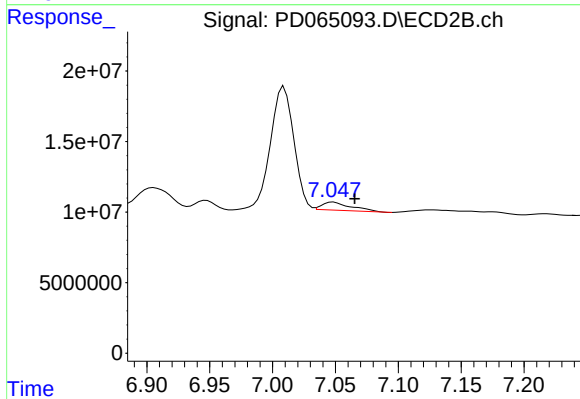
#17 4,4'-DDT

R.T.: 7.127 min
Delta R.T.: -0.021 min
Response: 3776859
Conc: 0.63 ng/ml



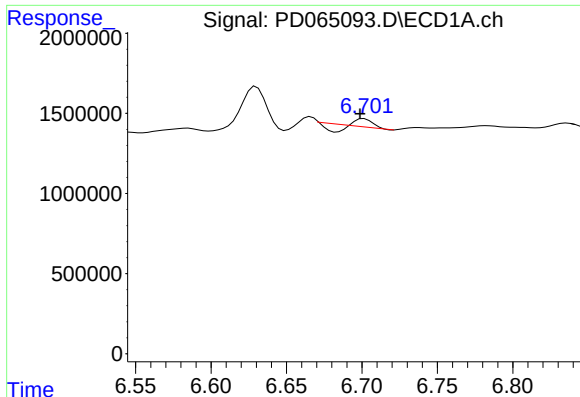
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 909457
Conc: 1.10 ng/ml



#18 Endrin aldehyde

R.T.: 7.048 min
Delta R.T.: -0.017 min
Response: 9313303
Conc: 2.00 ng/ml



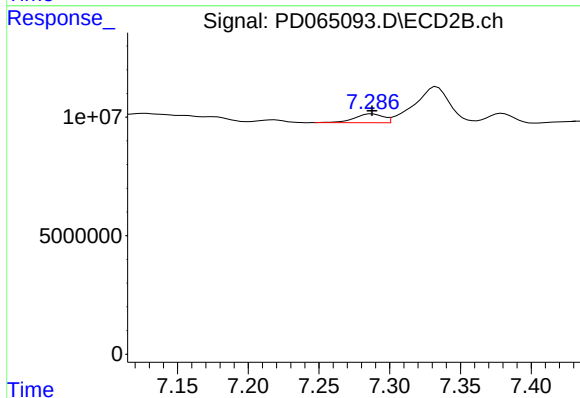
#19 Endosulfan Sulfate

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 199539
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

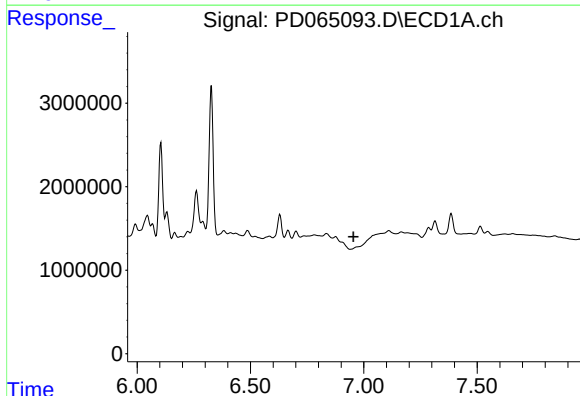
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



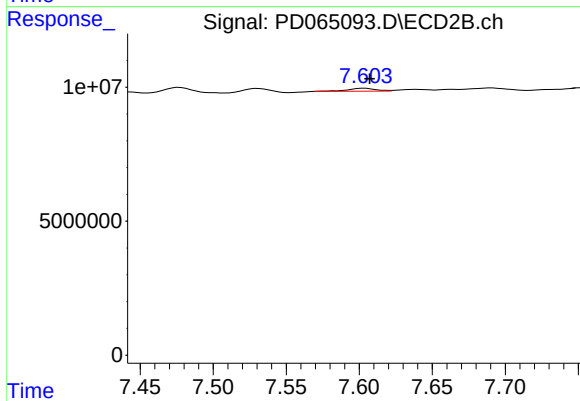
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 5232872
Conc: 0.91 ng/ml



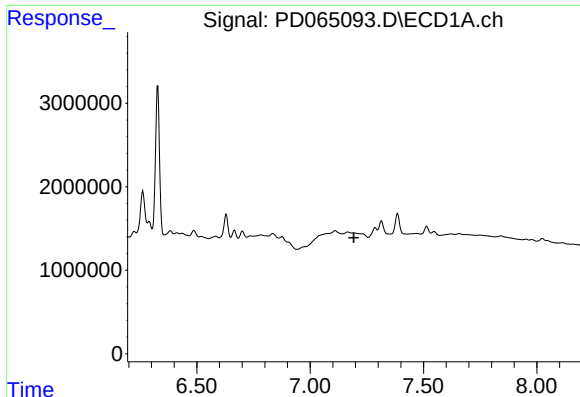
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.955 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 7.604 min
Delta R.T.: -0.003 min
Response: 1451197
Conc: 0.48 ng/ml



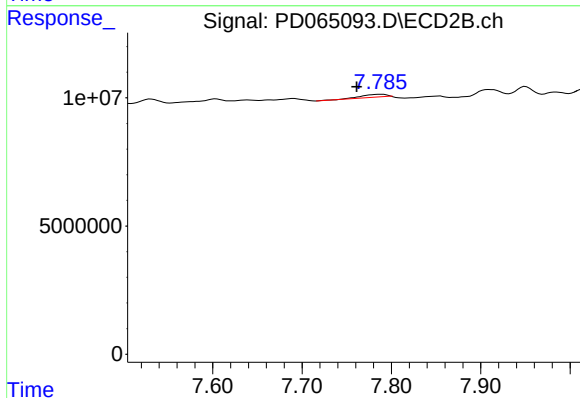
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.192 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

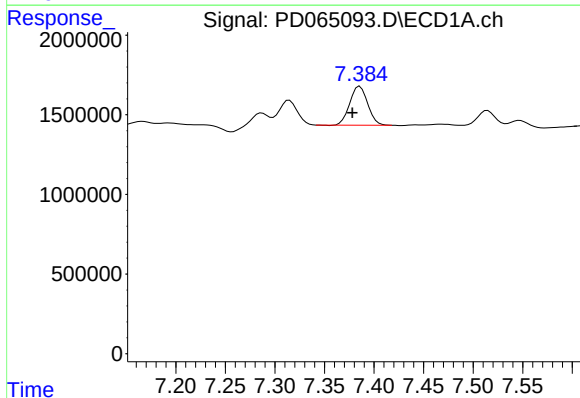
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



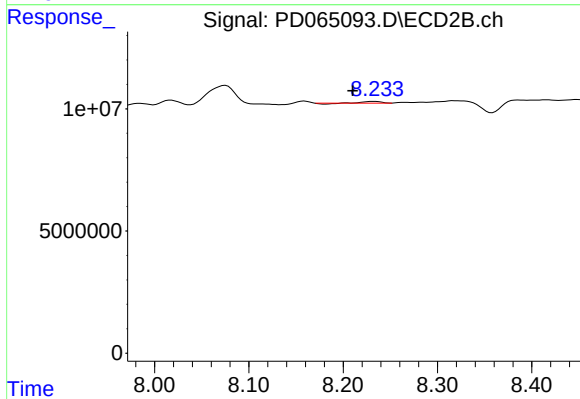
#21 Endrin ketone

R.T.: 7.788 min
Delta R.T.: 0.027 min
Response: 2234547
Conc: 0.34 ng/ml



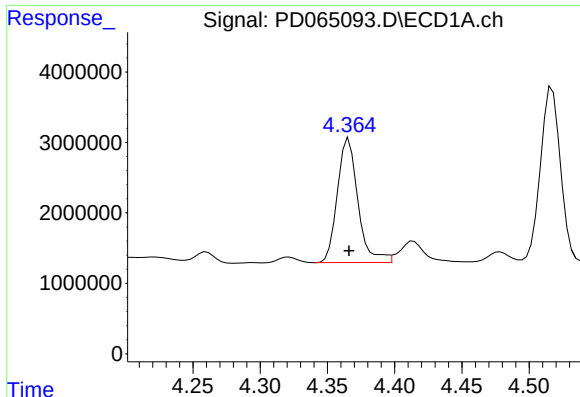
#22 Mirex

R.T.: 7.386 min
Delta R.T.: 0.008 min
Response: 3063642
Conc: 3.00 ng/ml



#22 Mirex

R.T.: 8.234 min
Delta R.T.: 0.024 min
Response: 521801
Conc: 0.12 ng/ml



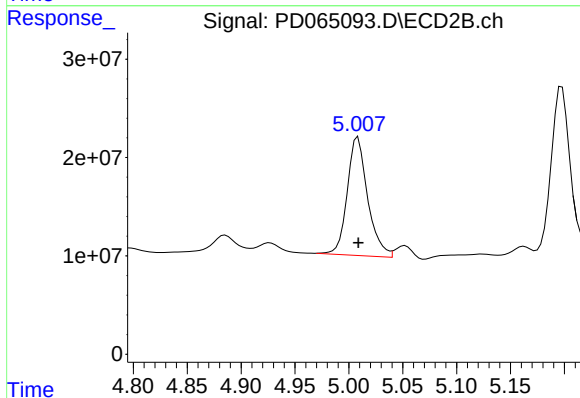
#23 Chlordane-1

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 18765213
Conc: 495.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

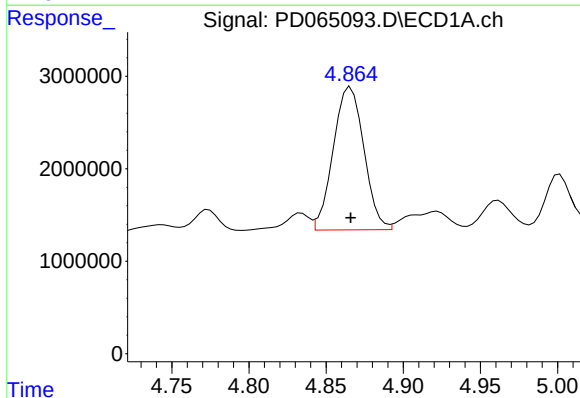
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



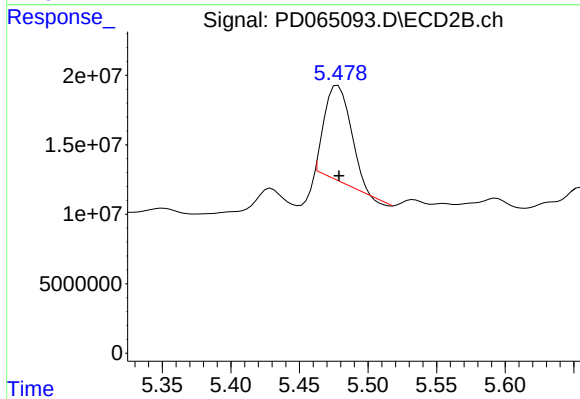
#23 Chlordane-1

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 159028392
Conc: 513.45 ng/ml



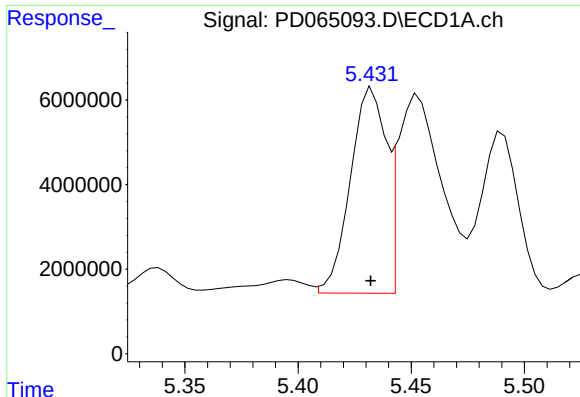
#24 Chlordane-2

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 21370448
Conc: 489.65 ng/ml



#24 Chlordane-2

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 90537794
Conc: 289.42 ng/ml



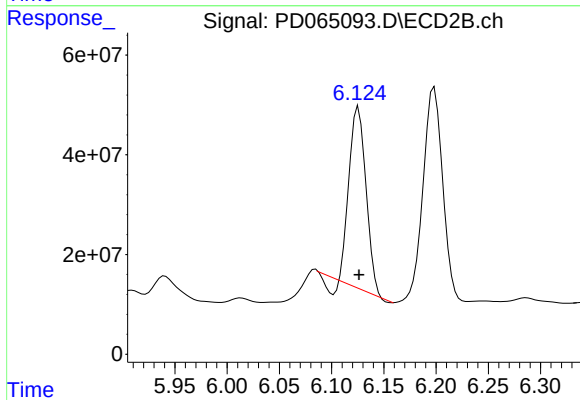
#25 Chlordane-3

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 53291480
Conc: 482.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

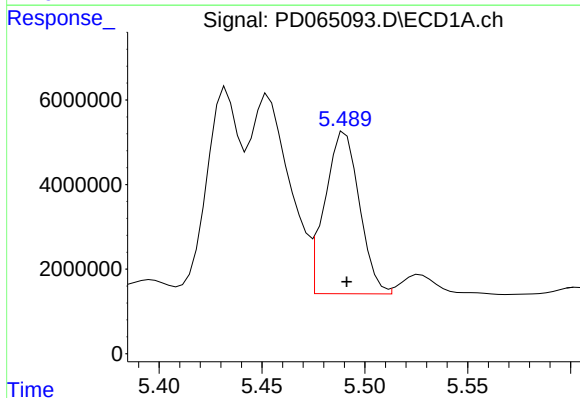
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



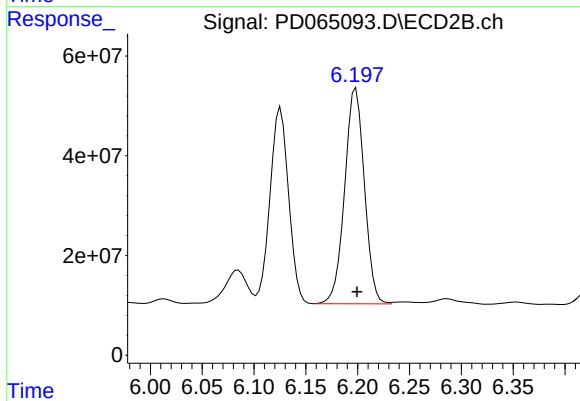
#25 Chlordane-3

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 395485238
Conc: 382.53 ng/ml



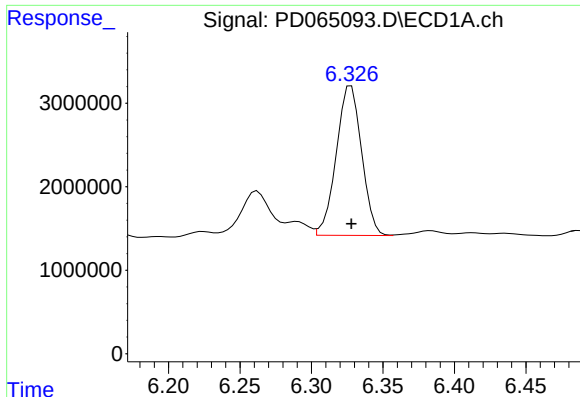
#26 Chlordane-4

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 44690993
Conc: 486.81 ng/ml



#26 Chlordane-4

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 572468296
Conc: 476.14 ng/ml



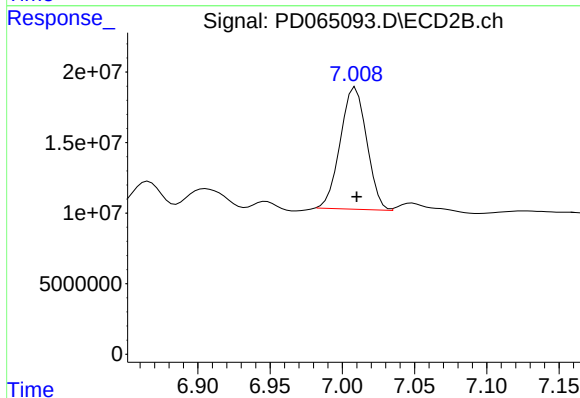
#27 Chlordane-5

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 22129978
Conc: 491.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

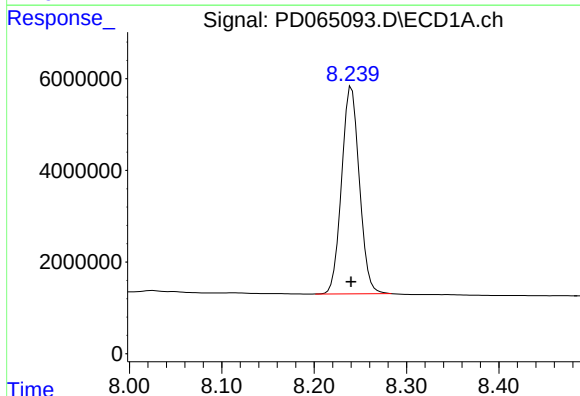
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:55 PM



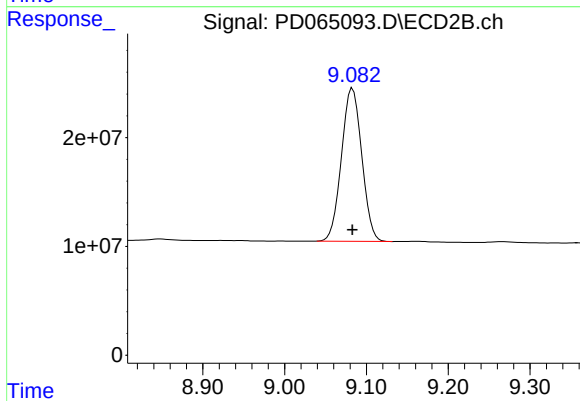
#27 Chlordane-5

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 109807232
Conc: 463.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 60429588
Conc: 53.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 242204034
Conc: 51.18 ng/ml