

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051220\
 Data File : PD057909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2020 18:55
 Operator : AJ\MA
 Sample : L2571-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CHASSIE-WASHMSD

Manual Integrations
 APPROVED

mohammad
 5/14/2020 12:05:11 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 07:02:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051220.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 12:00:03 2020
 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...	3.227	3.895	17497630	26978516	20.196m	22.934m
28)	SA Decachlor...	7.873	8.901	13460777	16474567	14.940	14.457
Target Compounds							
2)	A alpha-BHC	3.651	4.280	66944304	90336767	49.450	50.436
3)	MA gamma-BHC...	3.923	4.561	63173828	84953473	45.725	49.586
4)	MA Heptachlor	4.204	5.061	56948785	81537903	50.531	48.825m
5)	MB Aldrin	4.439	5.363	55614959	78227963	47.653	49.376
6)	B beta-BHC	4.172	4.732	25452912	38224082	48.920	52.101
7)	B delta-BHC	4.364	4.944	59278319	60781013	46.629	39.112
8)	B Heptachlo...	4.873	5.744	52510786	66244880	48.026	43.136m
9)	A Endosulfan I	5.201	6.099	49477584	70307912	48.276	50.141
10)	B gamma-Chl...	5.093	5.978	53550352	73388193	47.848	47.829m
11)	B alpha-Chl...	5.151	6.051	57699652	72238014	51.740	47.006
12)	B 4,4'-DDE	5.319	6.210	50521730	67323420	48.043	48.395
13)	MA Dieldrin	5.439	6.355	56296199	71501810	51.140	48.819
14)	MA Endrin	5.689	6.571	47871486	62840172	49.227m	49.657
15)	B Endosulfa...	5.963	6.780	45195163	72831107	46.095	56.166
16)	A 4,4'-DDD	5.827	6.697	39699842	58480746	46.637	49.439
17)	MA 4,4'-DDT	6.061	6.994	40771408	59772015	49.925	50.832
18)	B Endrin al...	6.132	6.903	38500366	51043596	46.667	45.552m
19)	B Endosulfa...	6.342	7.126	44659529	59833859	48.335	48.347
20)	A Methoxychlor	6.610	7.454	21662928	32498970	52.554	47.210
21)	B Endrin ke...	6.823	7.593	53499273	67489923	47.019	48.119
22)	Mirex	6.995	8.044	38501411	46875059	43.430	43.959

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051220\
Data File : PD057909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2020 18:55
Operator : AJ\MA
Sample : L2571-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

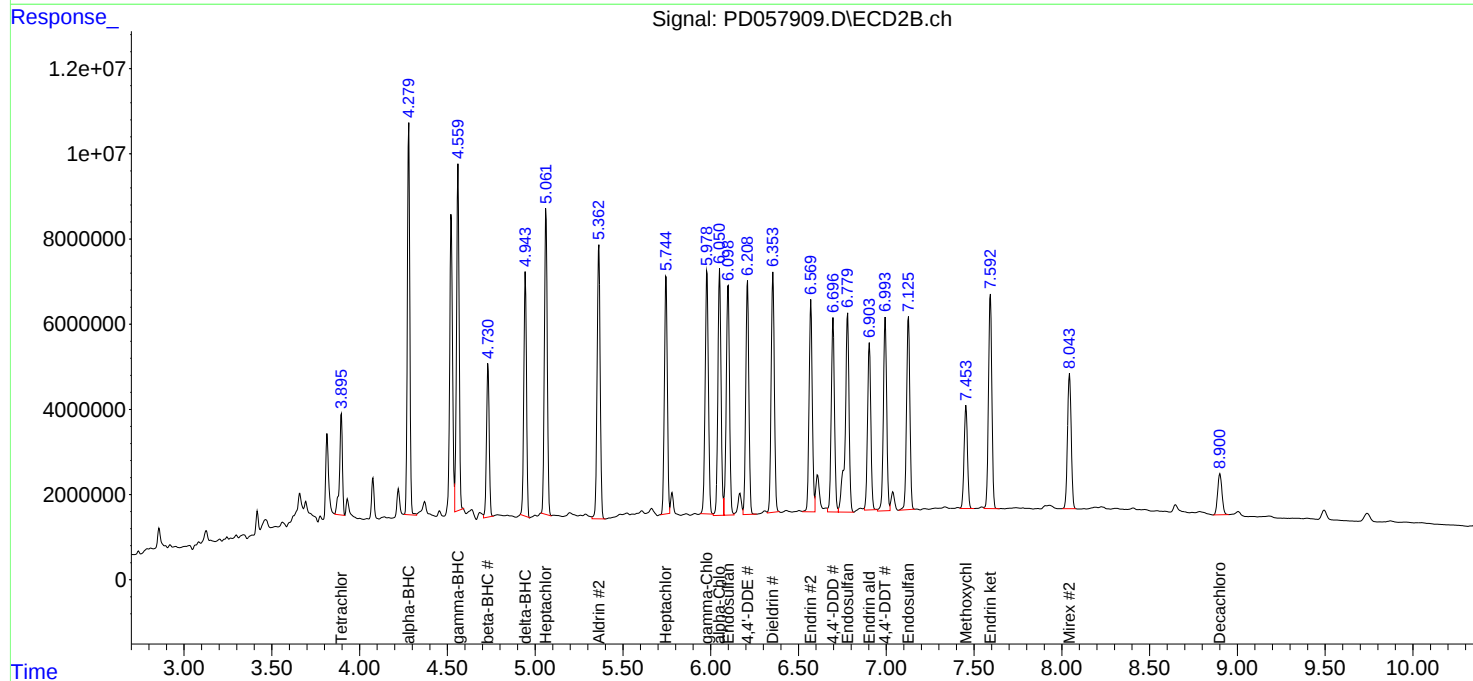
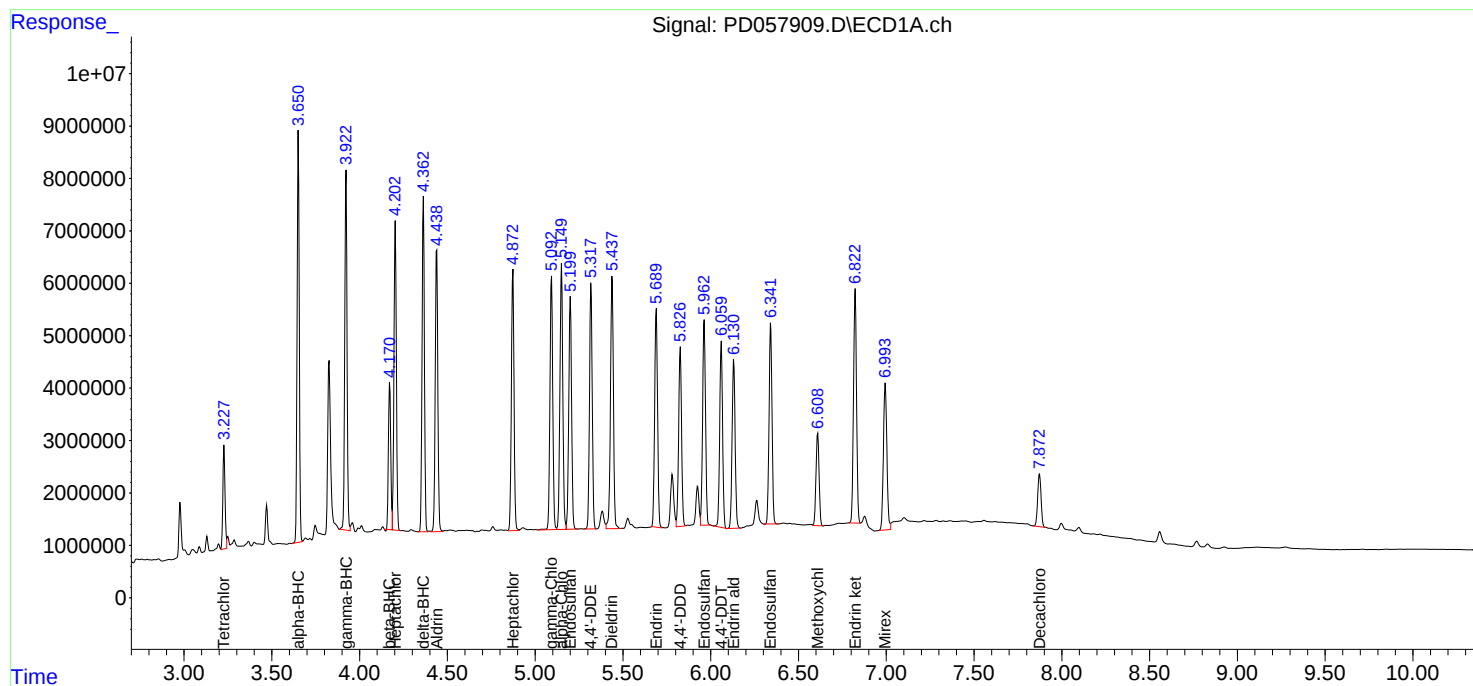
Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

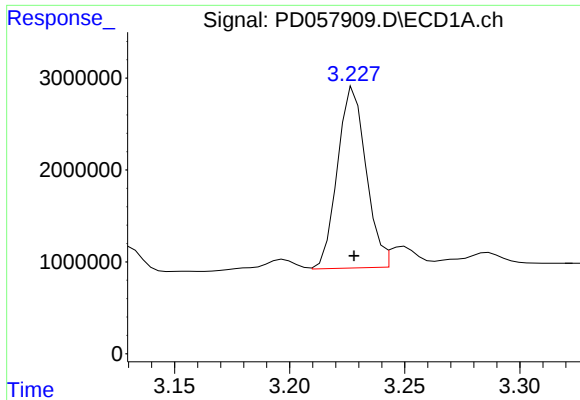
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 07:02:58 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051220.M
Quant Title : GC Extractables
QLast Update : Tue May 12 12:00:03 2020
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





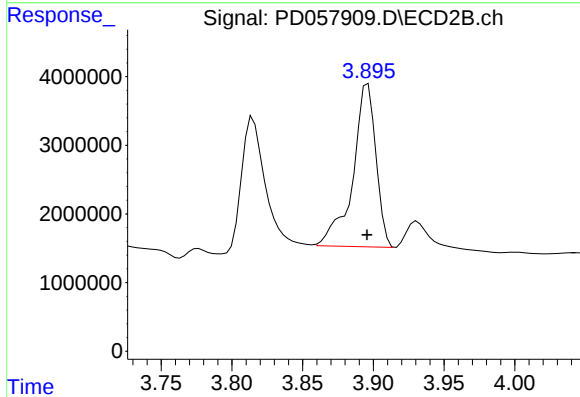
#1 Tetrachloro-m-xylene

R.T.: 3.227 min
Delta R.T.: -0.001 min
Response: 17497630
Conc: 20.20 ng/ml m

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

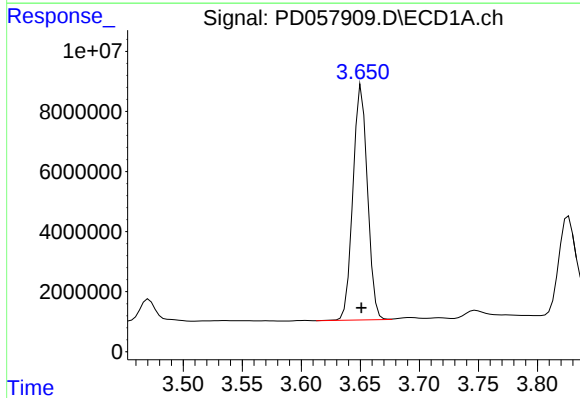
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



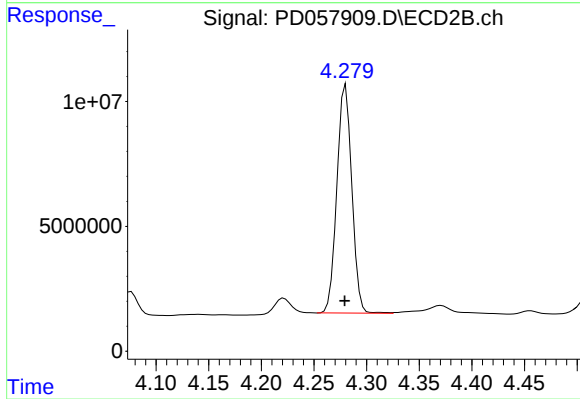
#1 Tetrachloro-m-xylene

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 26978516
Conc: 22.93 ng/ml m



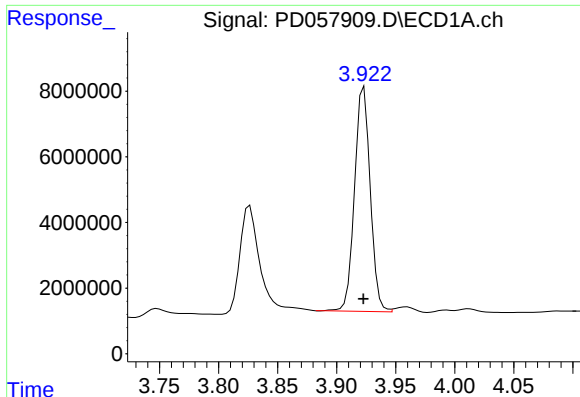
#2 alpha-BHC

R.T.: 3.651 min
Delta R.T.: 0.000 min
Response: 66944304
Conc: 49.45 ng/ml



#2 alpha-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 90336767
Conc: 50.44 ng/ml



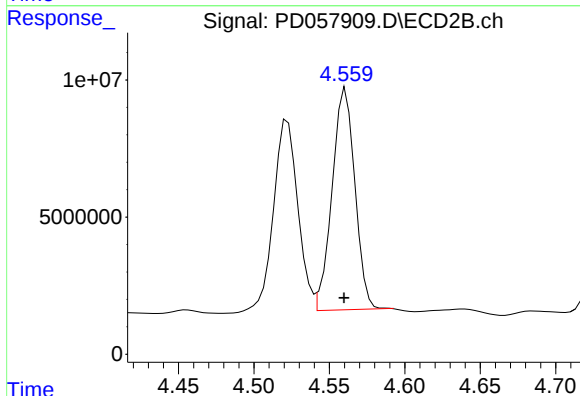
#3 gamma-BHC (Lindane)

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 63173828
Conc: 45.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

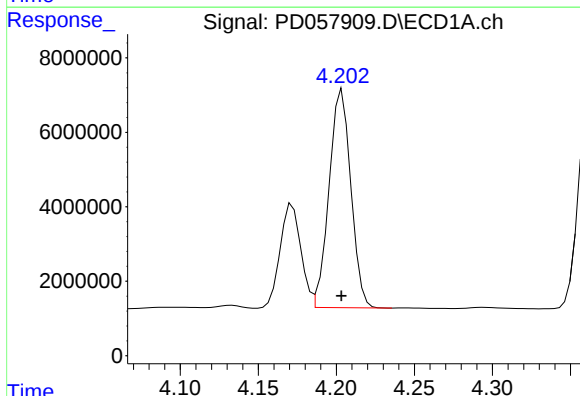
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



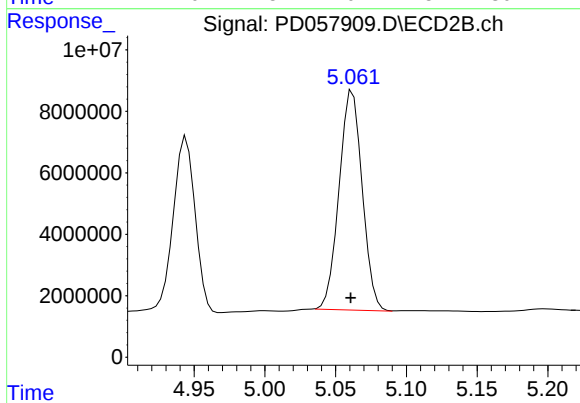
#3 gamma-BHC (Lindane)

R.T.: 4.561 min
Delta R.T.: 0.001 min
Response: 84953473
Conc: 49.59 ng/ml



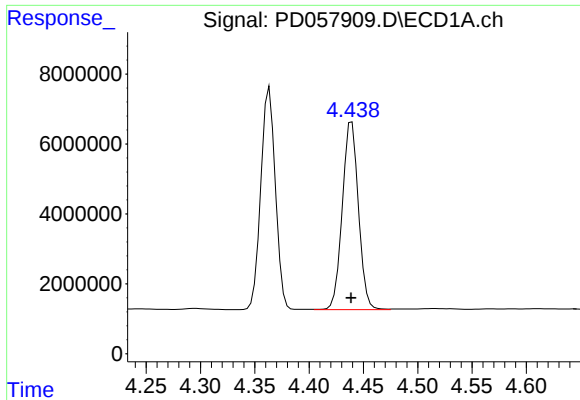
#4 Heptachlor

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 56948785
Conc: 50.53 ng/ml



#4 Heptachlor

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 81537903
Conc: 48.83 ng/ml m



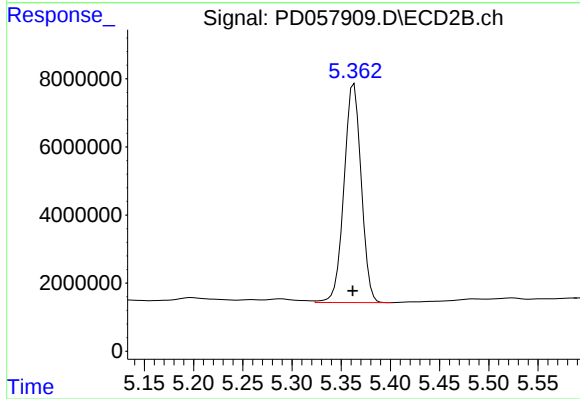
#5 Aldrin

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 55614959
Conc: 47.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

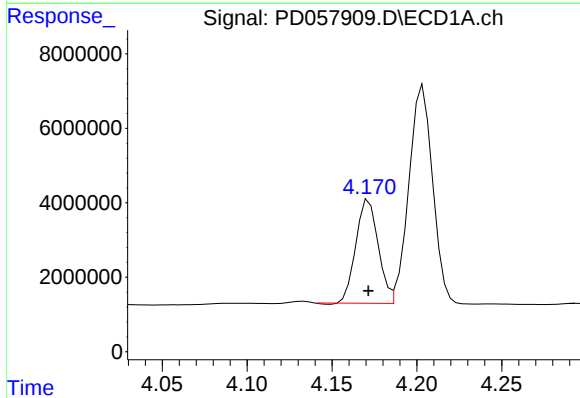
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



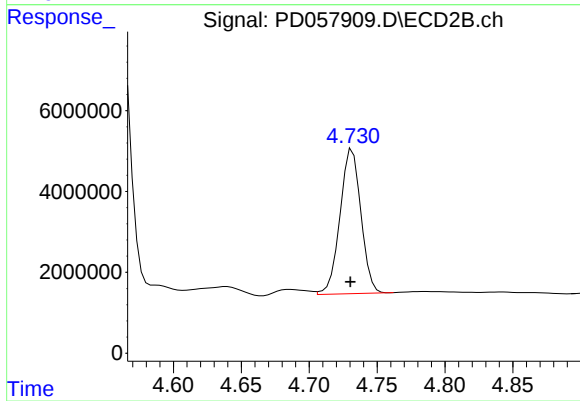
#5 Aldrin

R.T.: 5.363 min
Delta R.T.: 0.001 min
Response: 78227963
Conc: 49.38 ng/ml



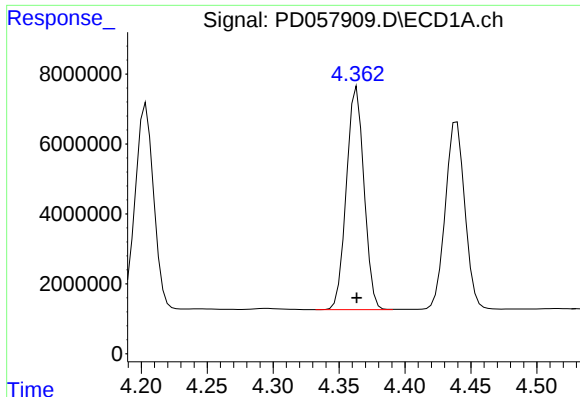
#6 beta-BHC

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 25452912
Conc: 48.92 ng/ml



#6 beta-BHC

R.T.: 4.732 min
Delta R.T.: 0.002 min
Response: 38224082
Conc: 52.10 ng/ml



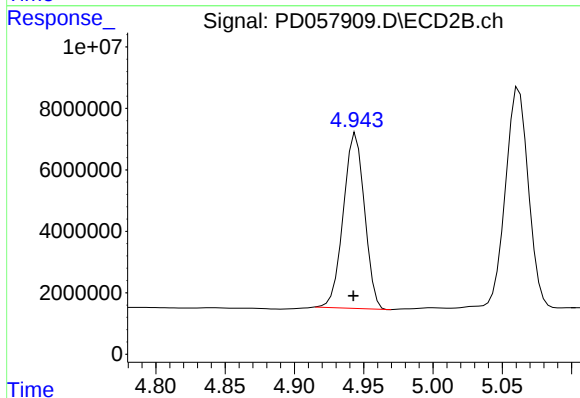
#7 delta-BHC

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 59278319
Conc: 46.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

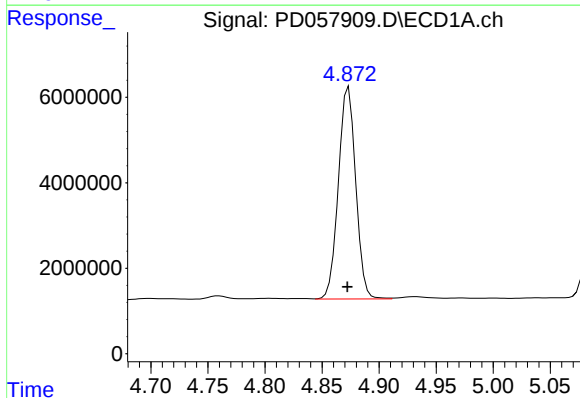
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



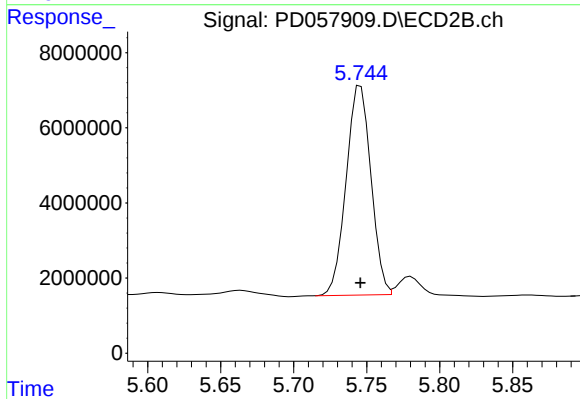
#7 delta-BHC

R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 60781013
Conc: 39.11 ng/ml



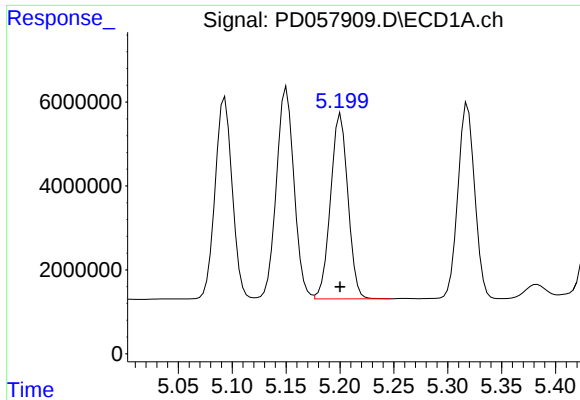
#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.001 min
Response: 52510786
Conc: 48.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.744 min
Delta R.T.: -0.001 min
Response: 66244880
Conc: 43.14 ng/ml m



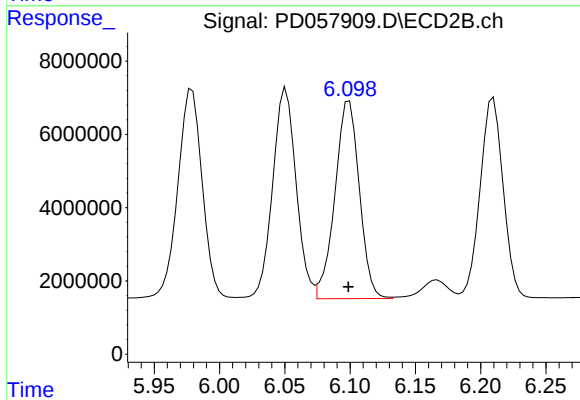
#9 Endosulfan I

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 49477584
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

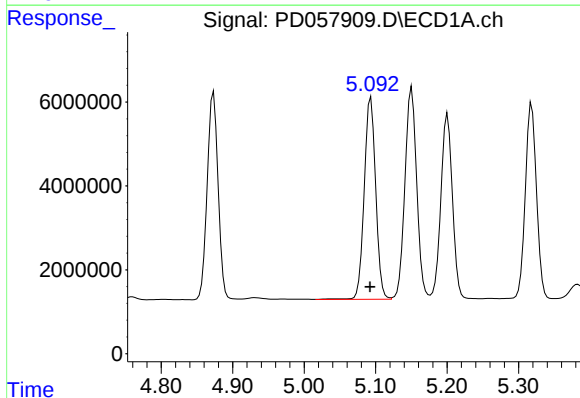
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



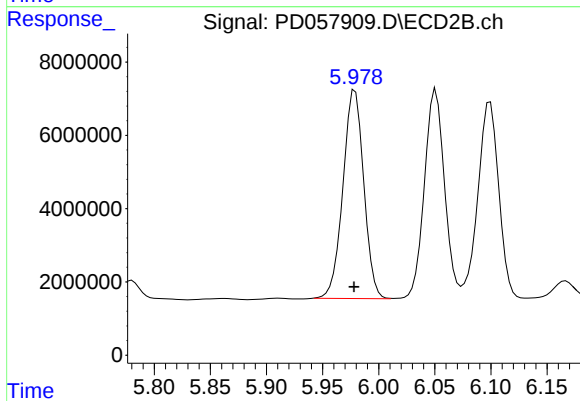
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 70307912
Conc: 50.14 ng/ml



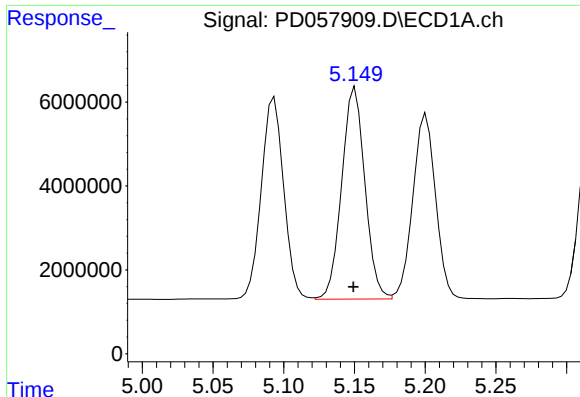
#10 gamma-Chlordane

R.T.: 5.093 min
Delta R.T.: 0.001 min
Response: 53550352
Conc: 47.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 73388193
Conc: 47.83 ng/ml m



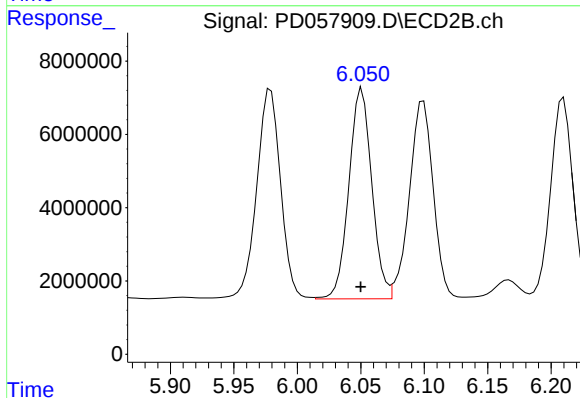
#11 alpha-Chlordane

R.T.: 5.151 min
Delta R.T.: 0.001 min
Response: 57699652
Conc: 51.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

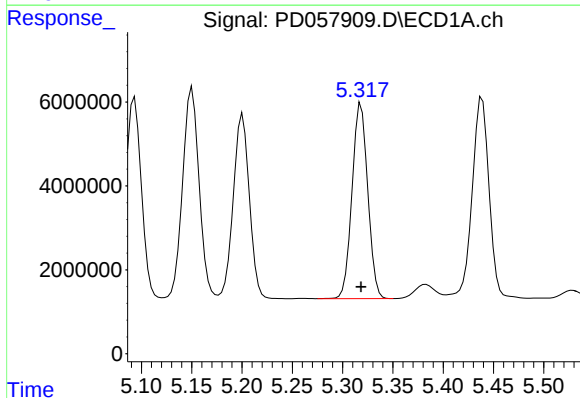
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



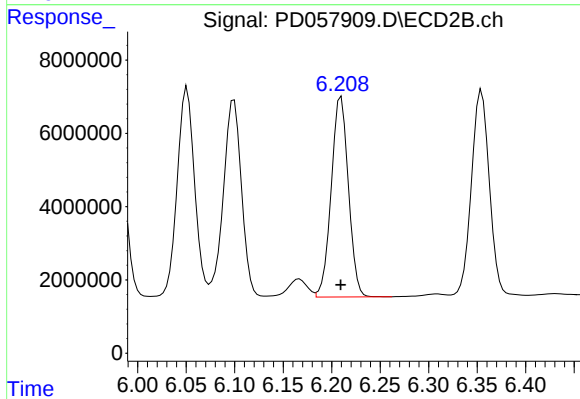
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 72238014
Conc: 47.01 ng/ml



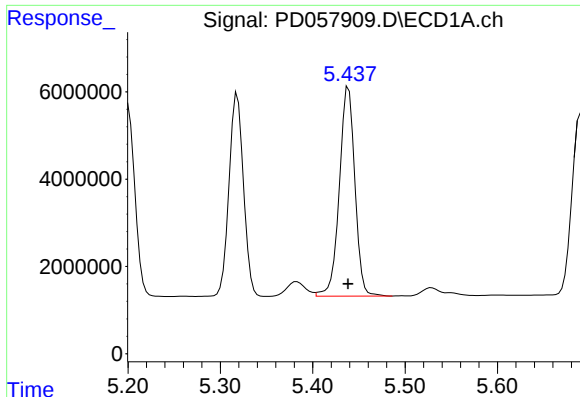
#12 4,4'-DDE

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 50521730
Conc: 48.04 ng/ml



#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 67323420
Conc: 48.39 ng/ml



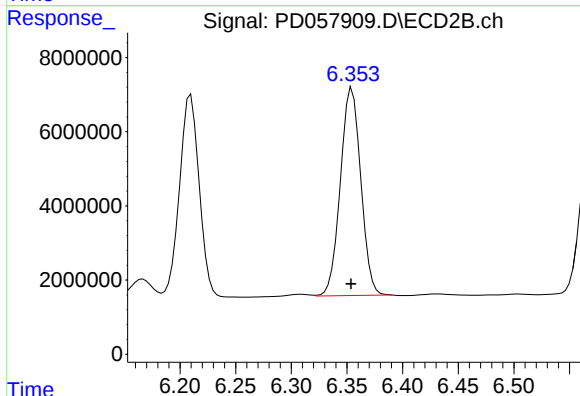
#13 Dieldrin

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 56296199
Conc: 51.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

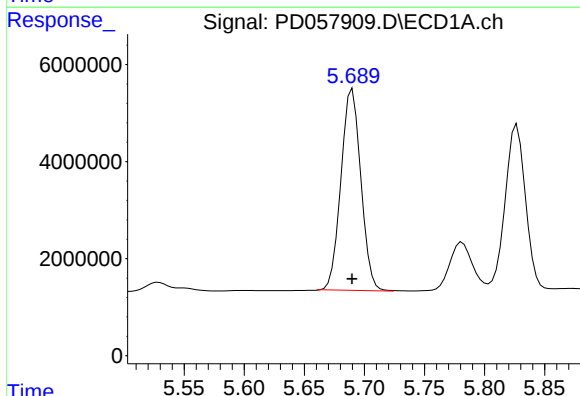
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



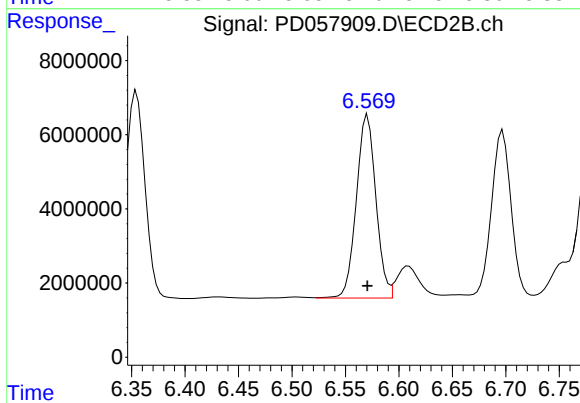
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 71501810
Conc: 48.82 ng/ml



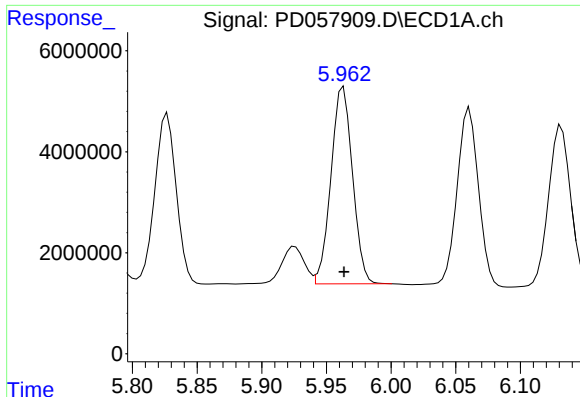
#14 Endrin

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 47871486
Conc: 49.23 ng/ml m



#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 62840172
Conc: 49.66 ng/ml



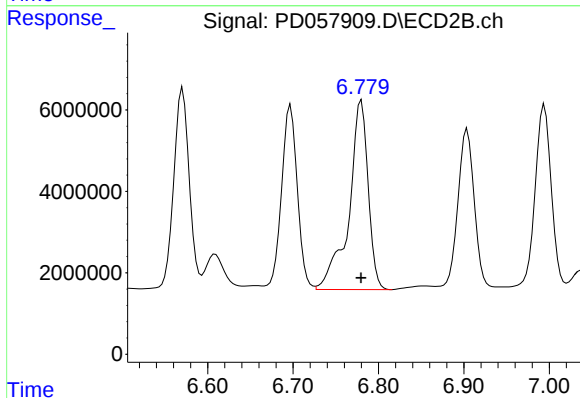
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 45195163
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

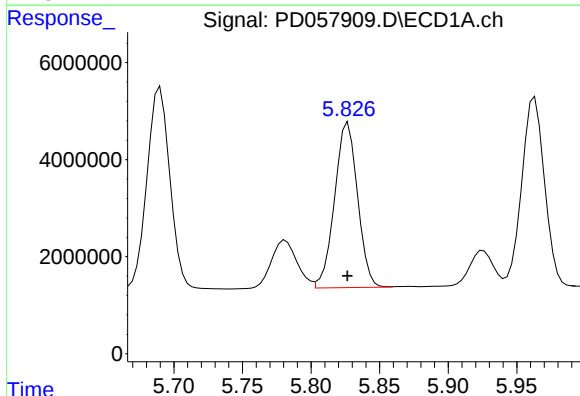
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



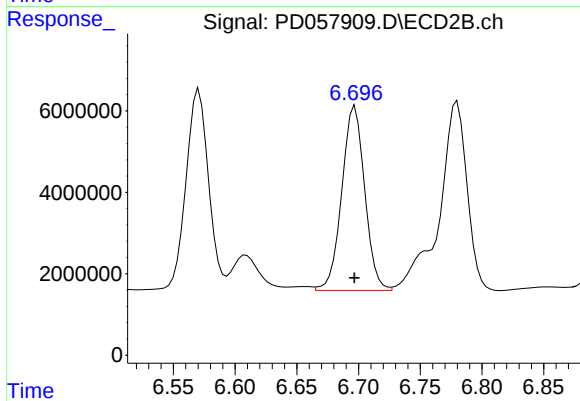
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 72831107
Conc: 56.17 ng/ml



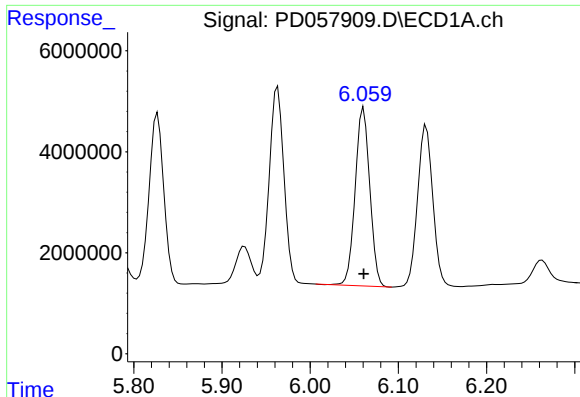
#16 4,4'-DDD

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 39699842
Conc: 46.64 ng/ml



#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: 0.000 min
Response: 58480746
Conc: 49.44 ng/ml



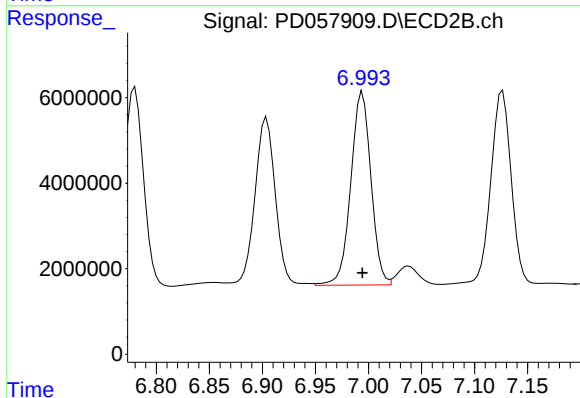
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 40771408
Conc: 49.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

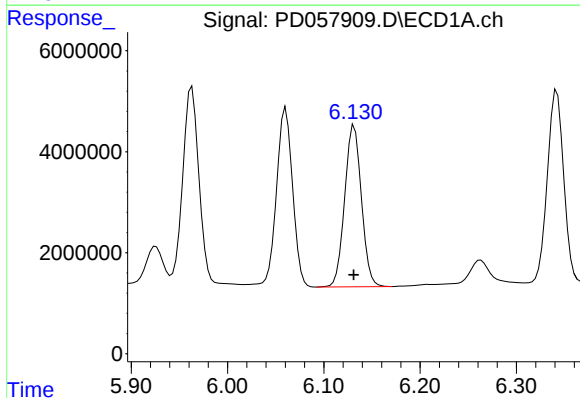
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



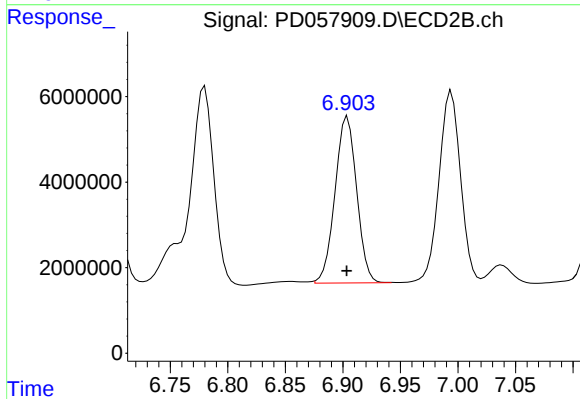
#17 4,4'-DDT

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 59772015
Conc: 50.83 ng/ml



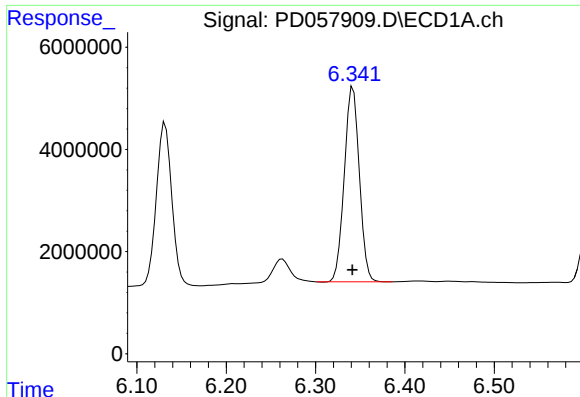
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 38500366
Conc: 46.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 51043596
Conc: 45.55 ng/ml m



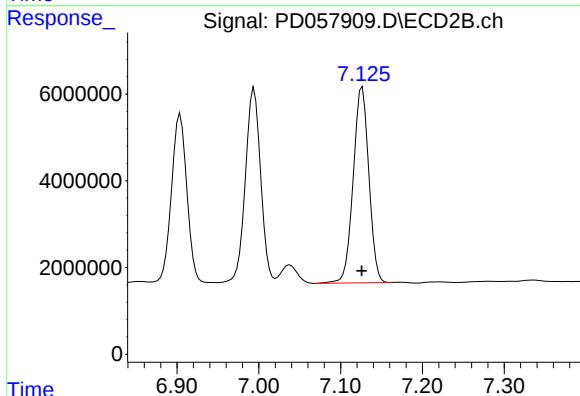
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 44659529
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

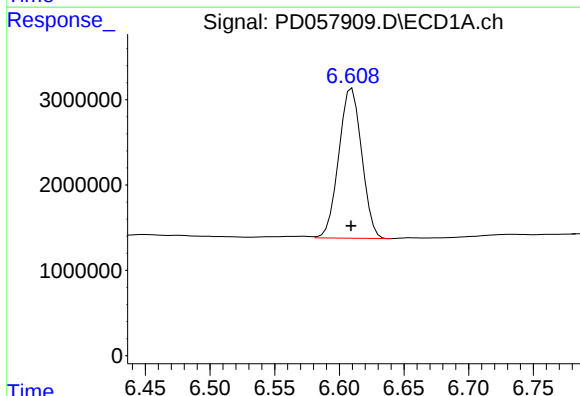
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



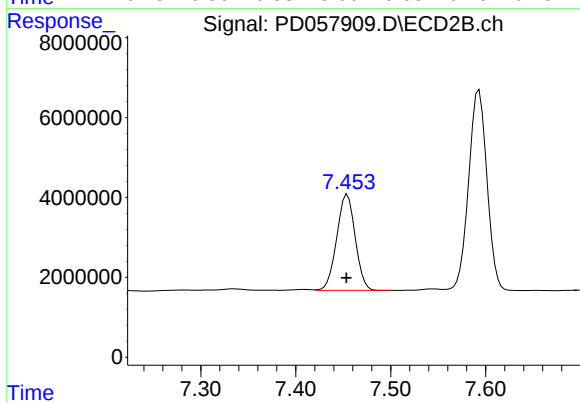
#19 Endosulfan Sulfate

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 59833859
Conc: 48.35 ng/ml



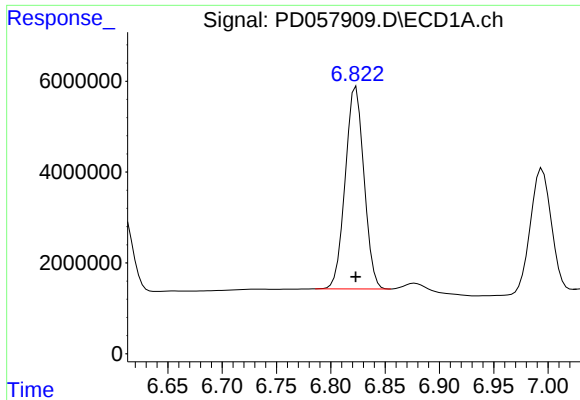
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 21662928
Conc: 52.55 ng/ml



#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 32498970
Conc: 47.21 ng/ml



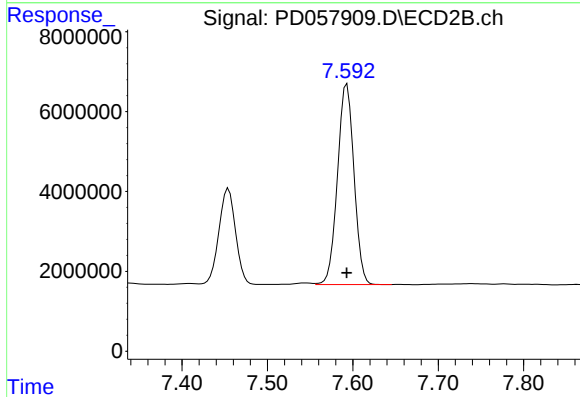
#21 Endrin ketone

R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 53499273
Conc: 47.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

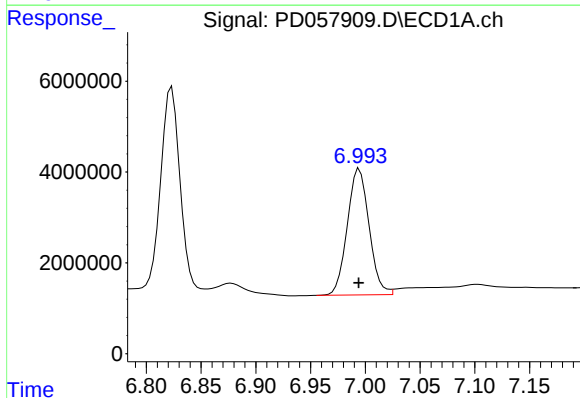
Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



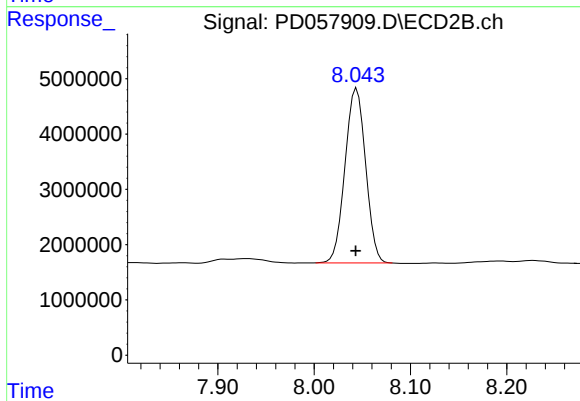
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 67489923
Conc: 48.12 ng/ml



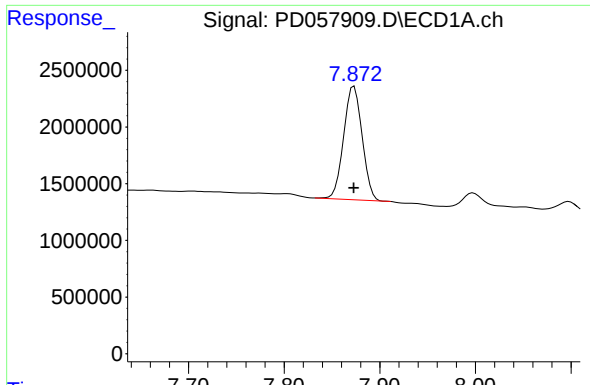
#22 Mirex

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 38501411
Conc: 43.43 ng/ml



#22 Mirex

R.T.: 8.044 min
Delta R.T.: 0.001 min
Response: 46875059
Conc: 43.96 ng/ml



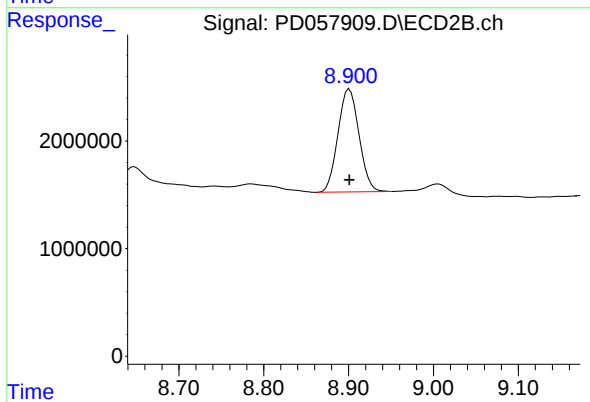
#28 Decachlorobiphenyl

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 13460777
Conc: 14.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
CHASSIE-WASHMSD

Manual Integrations
APPROVED

mohammad
5/14/2020 12:05:11 PM



#28 Decachlorobiphenyl

R.T.: 8.901 min
Delta R.T.: 0.000 min
Response: 16474567
Conc: 14.46 ng/ml