

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090821\
 Data File : PD065625.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2021 15:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

mohammad
 9/9/2021 9:22:04 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 07:10:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 04 01:23:47 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...	3.494	4.013	42851657	364.0E6	43.725	49.668
28)	SA Decachlor...	8.237	9.085	70211133	246.9E6	40.724	46.262
Target Compounds							
2)	A alpha-BHC	3.933	4.408	64493391	532.4E6	44.766	50.329
3)	MA gamma-BHC...	4.216	4.694	63172833	492.2E6	43.766	49.947
4)	MA Heptachlor	4.515	5.198	63678529	445.6E6	41.957	49.003
5)	MB Aldrin	4.762	5.503	61089360	411.8E6	42.747	48.814
6)	B beta-BHC	4.465	4.870	32505140	235.1E6	44.498	50.491
7)	B delta-BHC	4.669	5.086	67398322	483.5E6	45.194	51.997m
8)	B Heptachlo...	5.205	5.893	61918656	340.1E6	42.450	47.224
9)	A Endosulfan I	5.543	6.251	60481677	347.6E6	42.668	49.348
10)	B gamma-Chl...	5.429	6.126	64801543	371.3E6	42.427	49.442
11)	B alpha-Chl...	5.488	6.198	64221170	362.5E6	42.662	49.217
12)	B 4,4'-DDE	5.651	6.357	60952584	363.4E6	42.746	50.296
13)	MA Dieldrin	5.786	6.509	66827260	375.1E6	43.185	49.722
14)	MA Endrin	6.044	6.728	61708393	321.7E6	44.880	53.921
15)	B Endosulfa...	6.315	6.941	61158173	318.2E6	42.582	49.640
16)	A 4,4'-DDD	6.166	6.850	55560651	311.0E6	43.582	49.823
17)	MA 4,4'-DDT	6.406	7.148	59113051	303.0E6	42.948	49.743
18)	B Endrin al...	6.485	7.066	53417128	270.8E6	42.350	49.557
19)	B Endosulfa...	6.696	7.288	66473792	316.0E6	43.021	49.432
20)	A Methoxychlor	6.952	7.608	36821934	164.2E6	43.913	50.447
21)	B Endrin ke...	7.190	7.762	79390084	361.1E6	42.698	47.736
22)	Mirex	7.375	8.211	65011526	246.3E6	41.469	46.569

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090821\
Data File : PD065625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2021 15:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

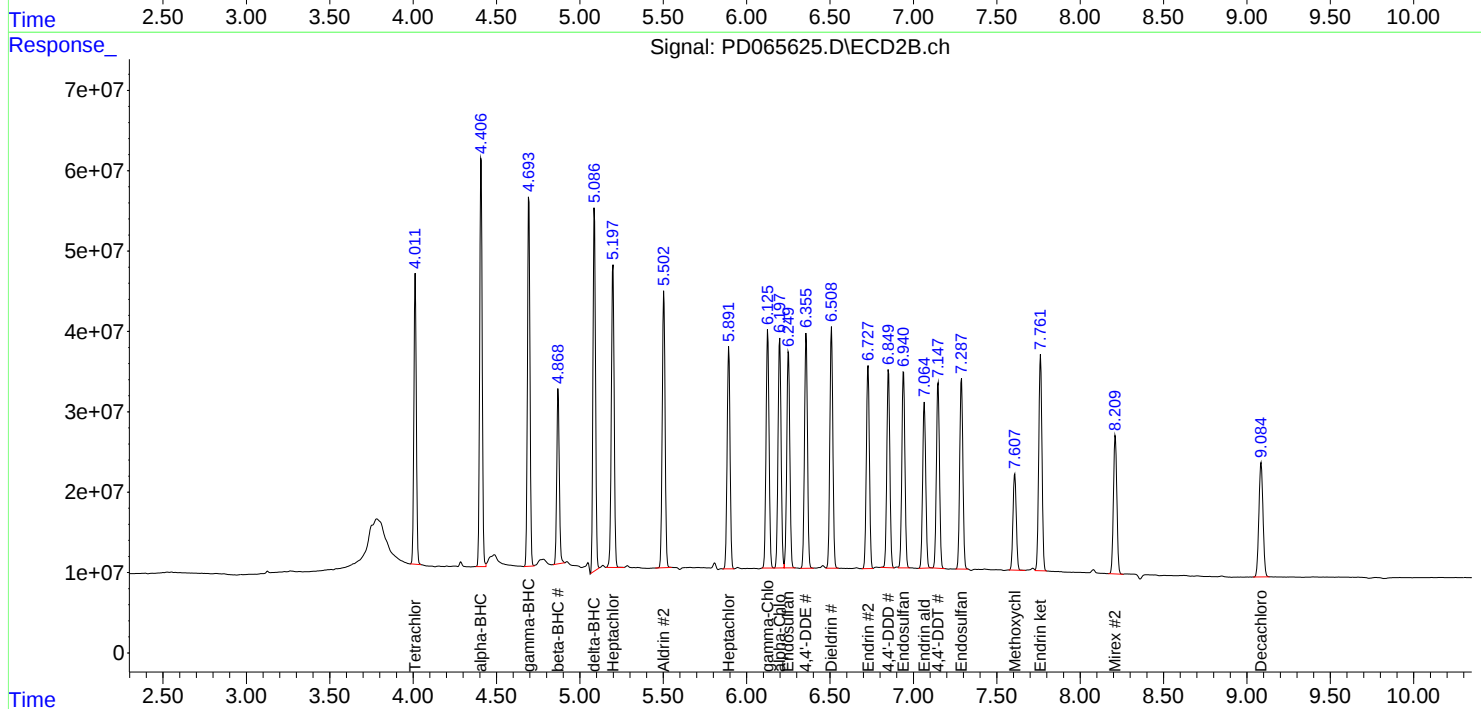
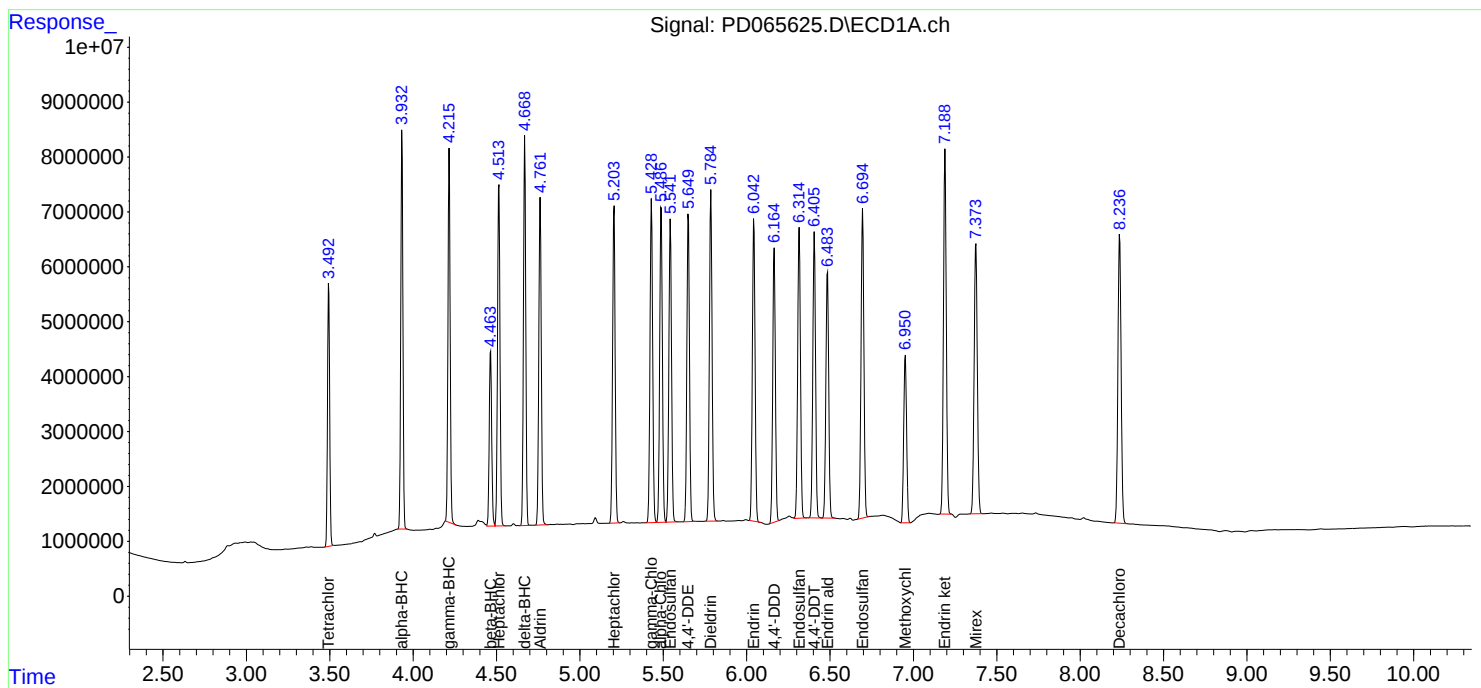
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

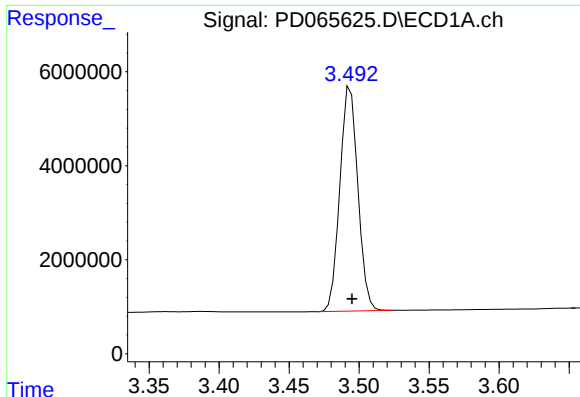
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 07:10:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Sat Sep 04 01:23:47 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





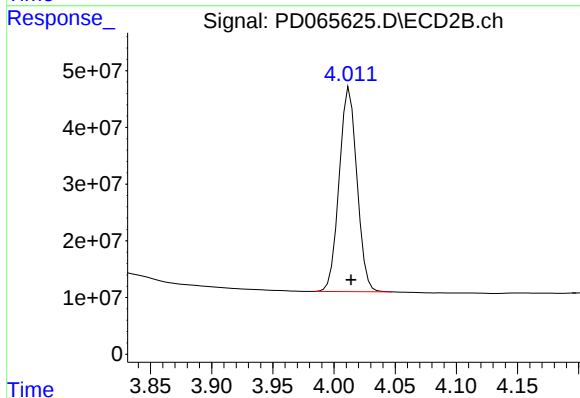
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: -0.001 min
Response: 42851657
Conc: 43.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

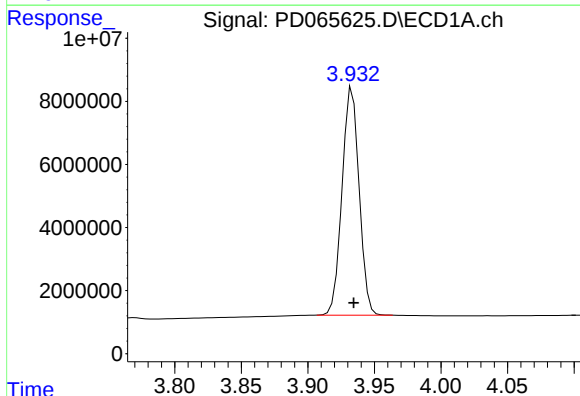
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



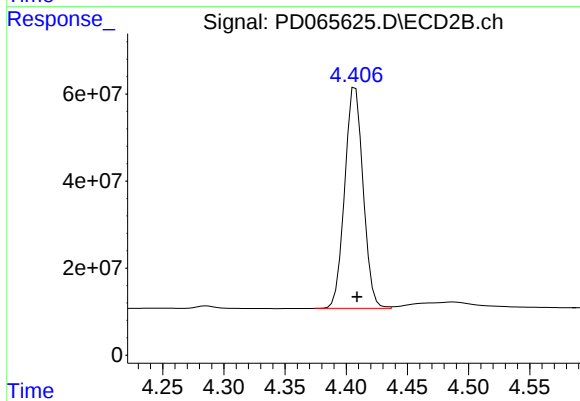
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 364036601
Conc: 49.67 ng/ml



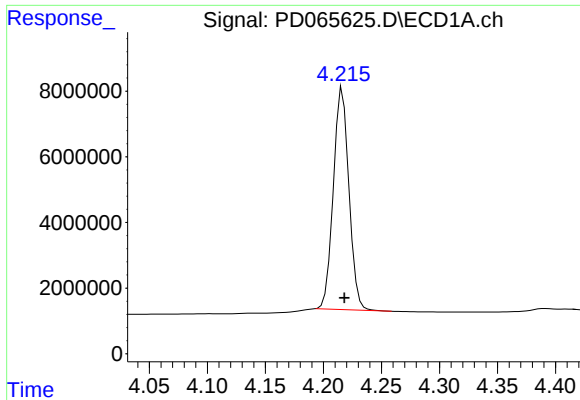
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 64493391
Conc: 44.77 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 532410077
Conc: 50.33 ng/ml



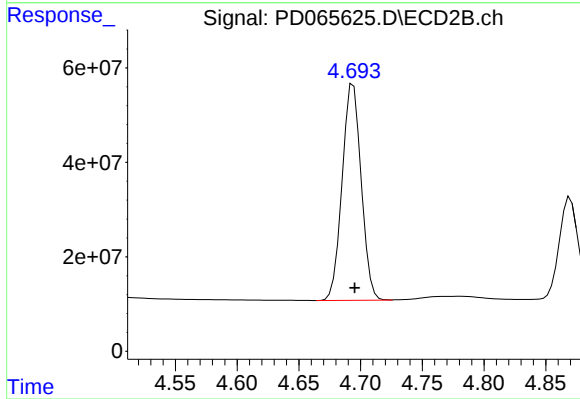
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 63172833
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

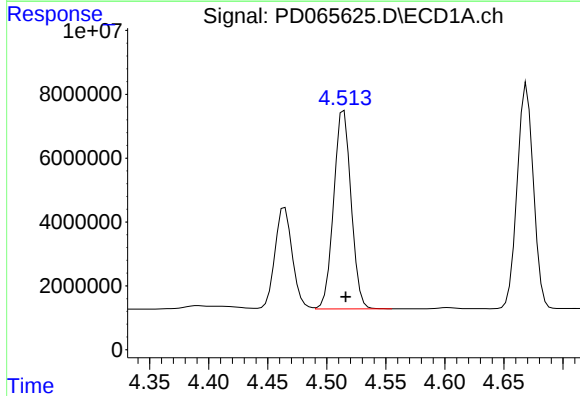
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



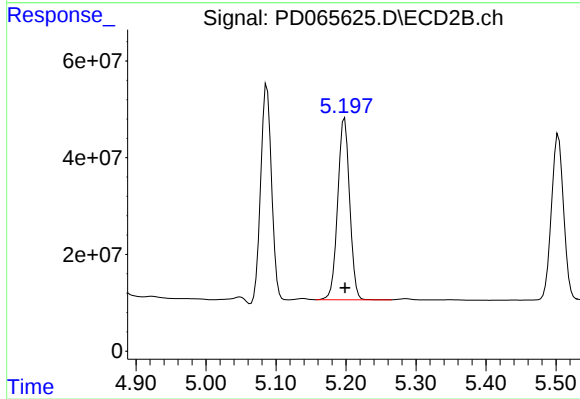
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 492181097
Conc: 49.95 ng/ml



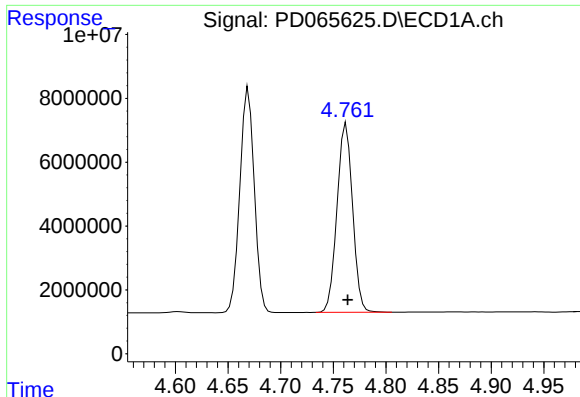
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 63678529
Conc: 41.96 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 445552707
Conc: 49.00 ng/ml



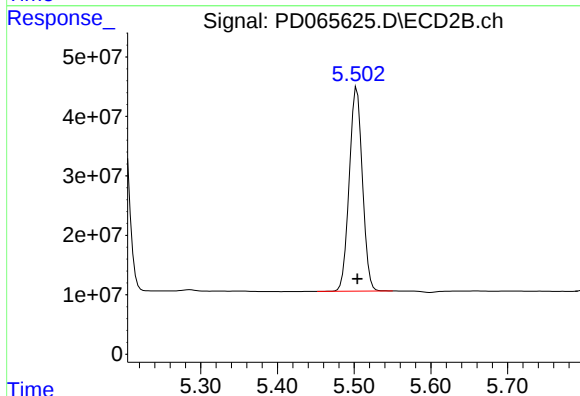
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 61089360
Conc: 42.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

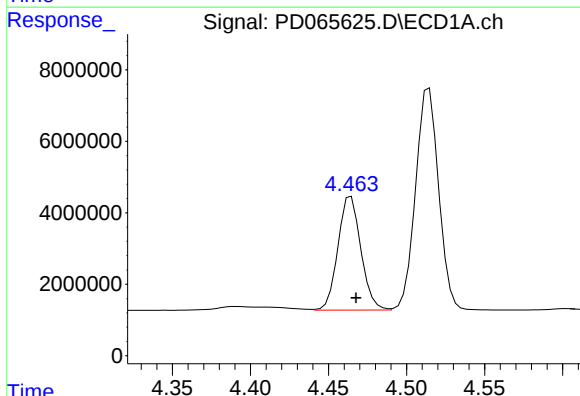
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



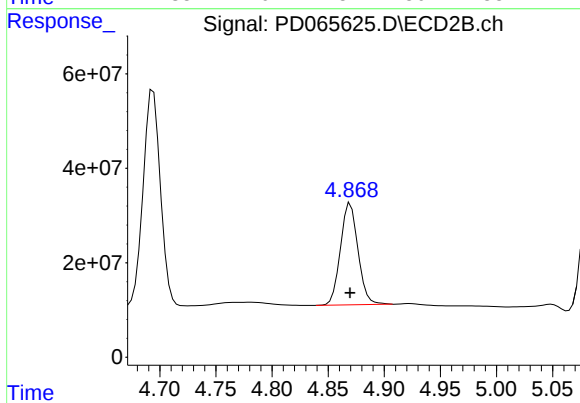
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 411836321
Conc: 48.81 ng/ml



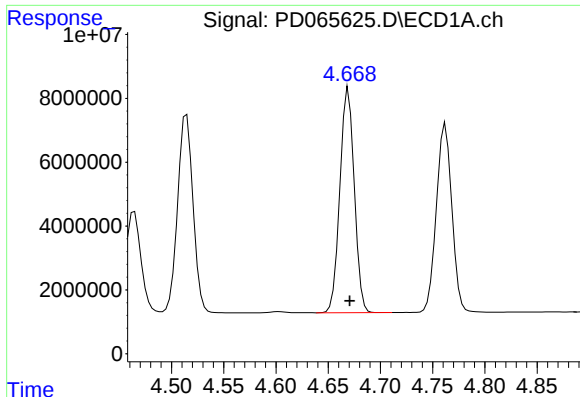
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 32505140
Conc: 44.50 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 235050756
Conc: 50.49 ng/ml



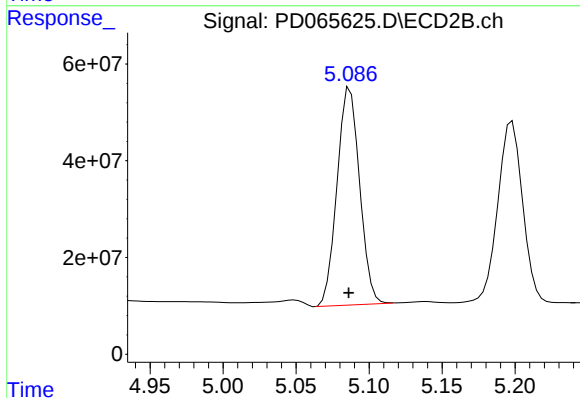
#7 delta-BHC

R.T.: 4.669 min
Delta R.T.: -0.001 min
Response: 67398322
Conc: 45.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

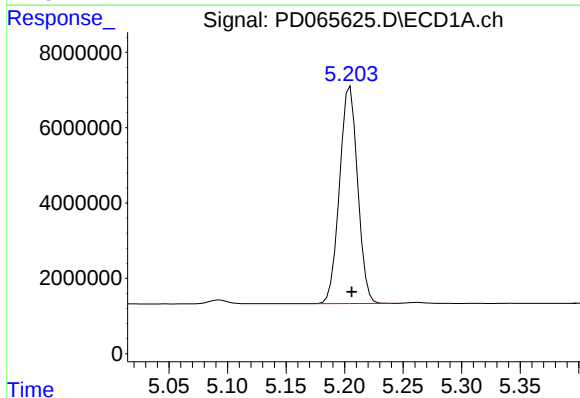
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



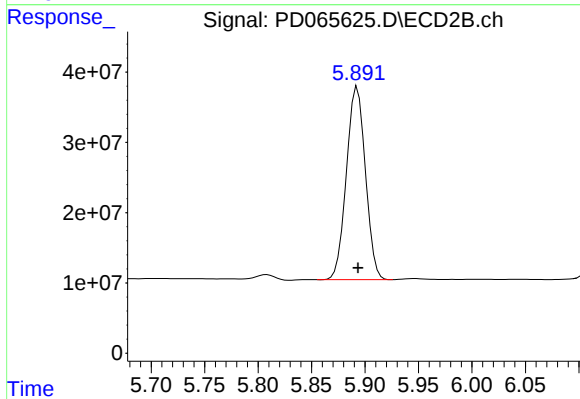
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 483465331
Conc: 52.00 ng/ml m



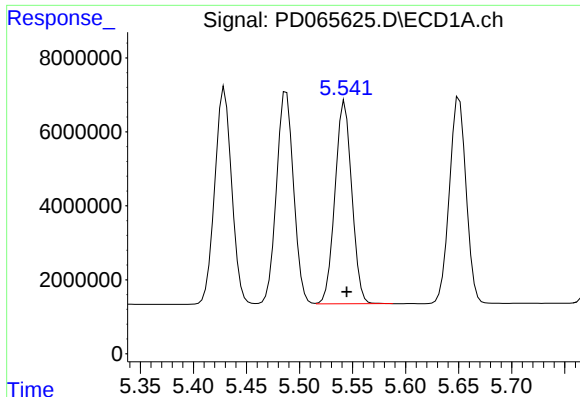
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: -0.001 min
Response: 61918656
Conc: 42.45 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 340118631
Conc: 47.22 ng/ml



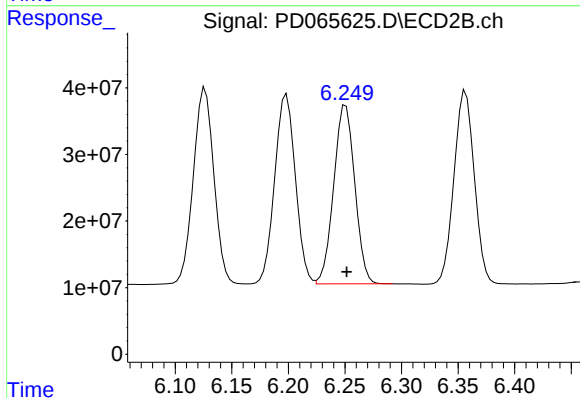
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: -0.002 min
Response: 60481677
Conc: 42.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

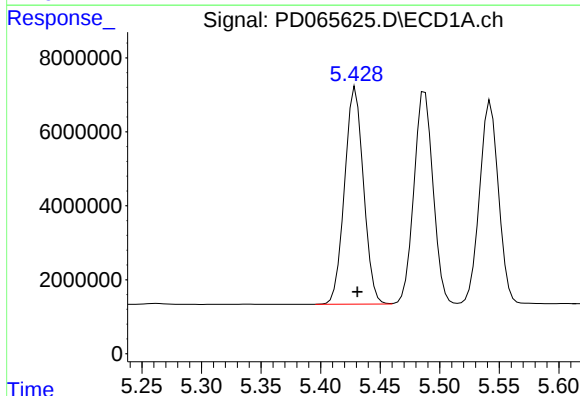
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



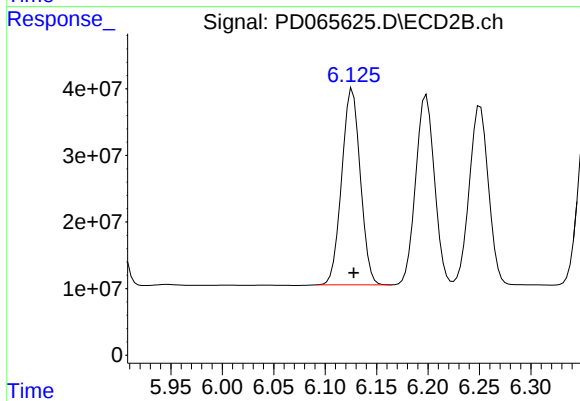
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 347556554
Conc: 49.35 ng/ml



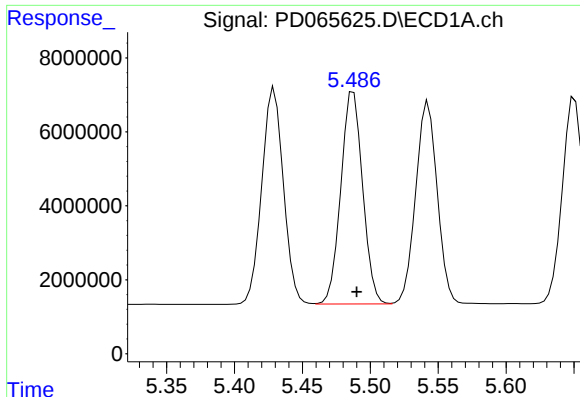
#10 gamma-Chlordane

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 64801543
Conc: 42.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: -0.001 min
Response: 371276610
Conc: 49.44 ng/ml



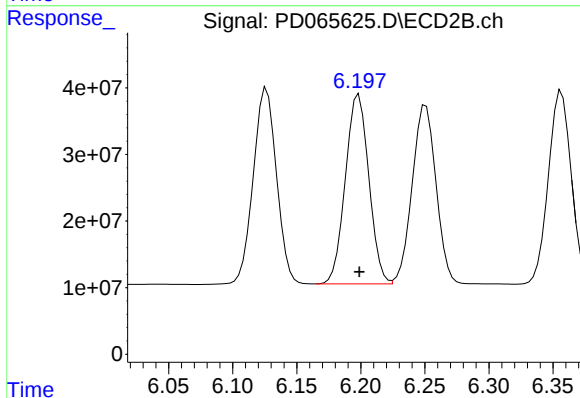
#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 64221170
Conc: 42.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

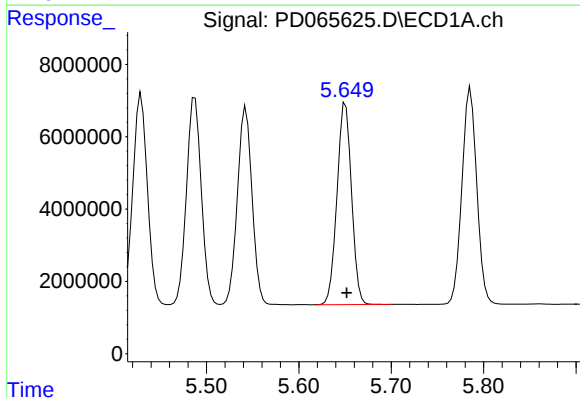
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



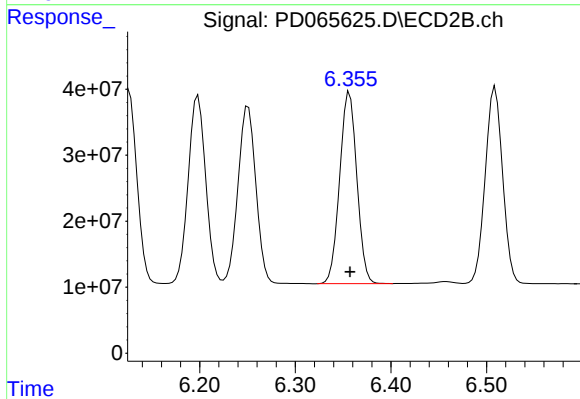
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 362479334
Conc: 49.22 ng/ml



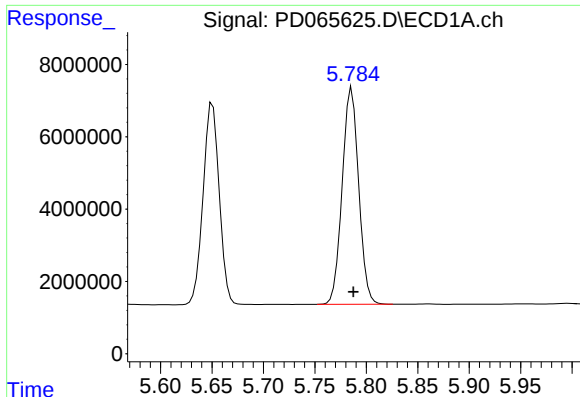
#12 4,4'-DDE

R.T.: 5.651 min
Delta R.T.: -0.001 min
Response: 60952584
Conc: 42.75 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 363380792
Conc: 50.30 ng/ml



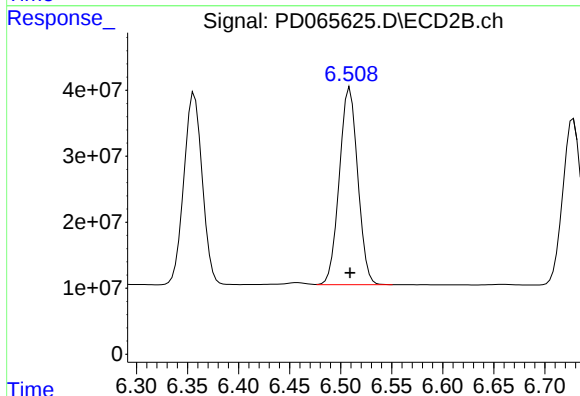
#13 Dieldrin

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 66827260
Conc: 43.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

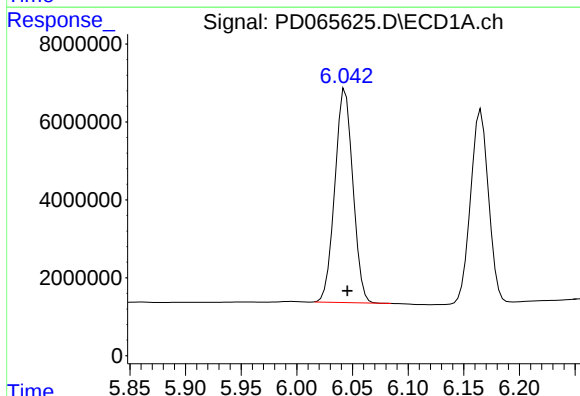
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



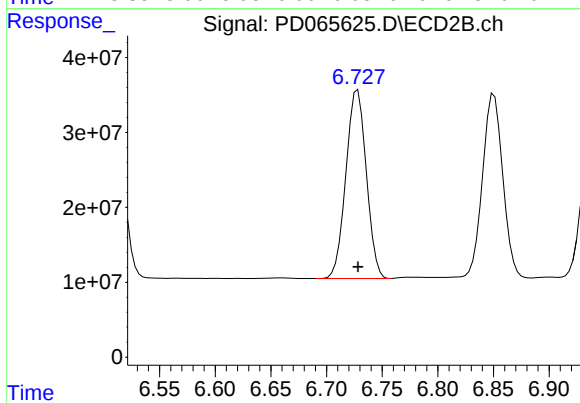
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 375117956
Conc: 49.72 ng/ml



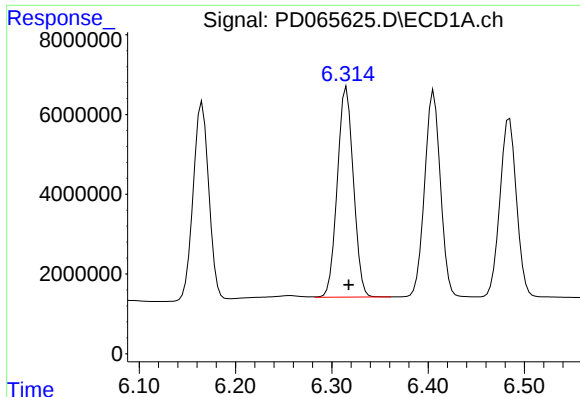
#14 Endrin

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 61708393
Conc: 44.88 ng/ml



#14 Endrin

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 321658252
Conc: 53.92 ng/ml



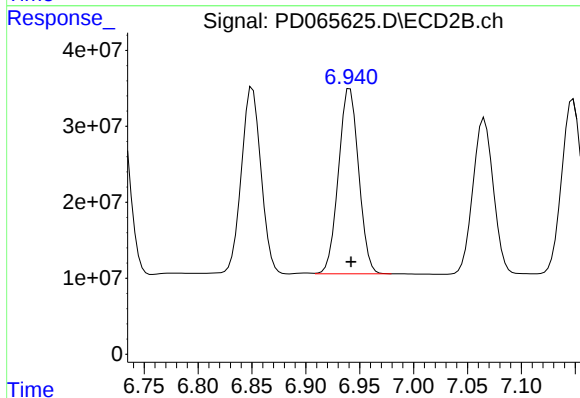
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 61158173
Conc: 42.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

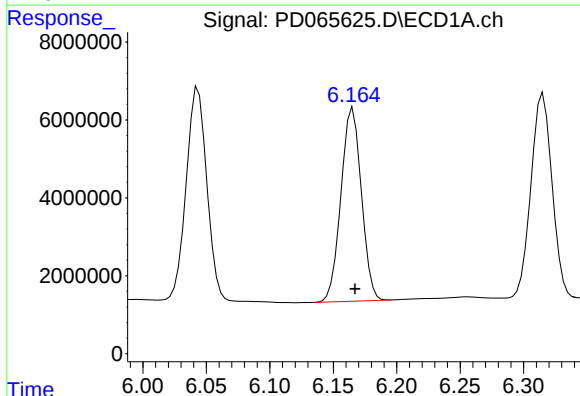
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



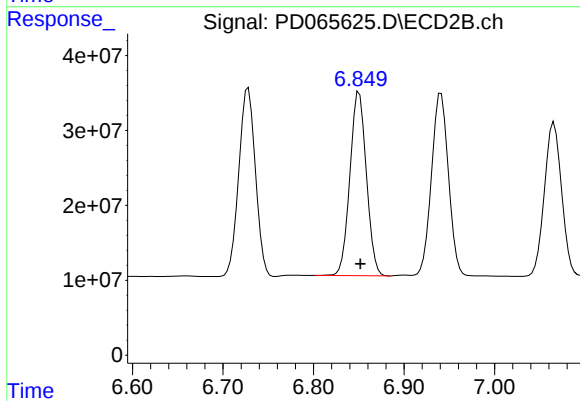
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 318239439
Conc: 49.64 ng/ml



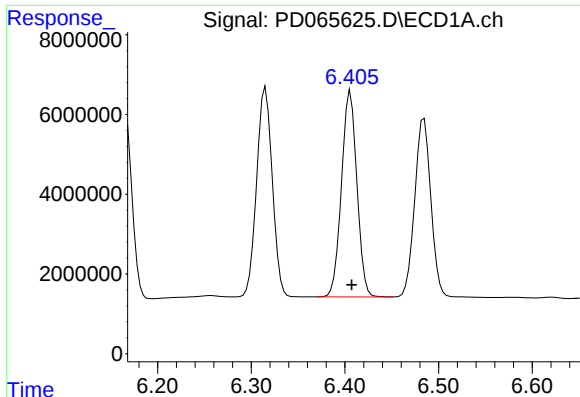
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 55560651
Conc: 43.58 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: -0.001 min
Response: 311018364
Conc: 49.82 ng/ml



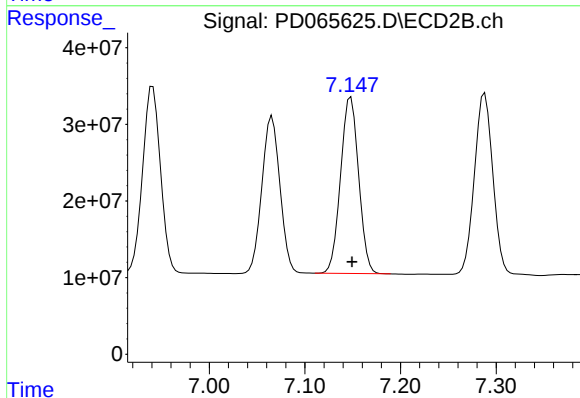
#17 4,4'-DDT

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 59113051
Conc: 42.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

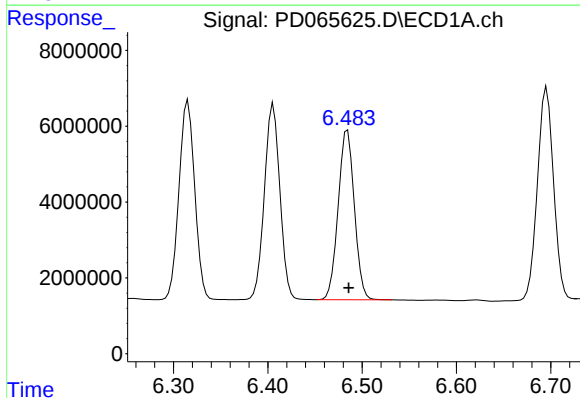
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



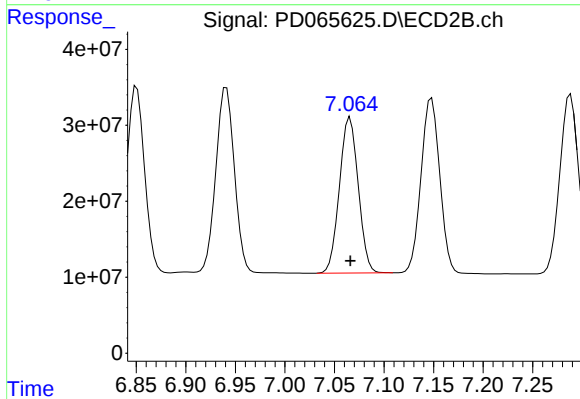
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 302998076
Conc: 49.74 ng/ml



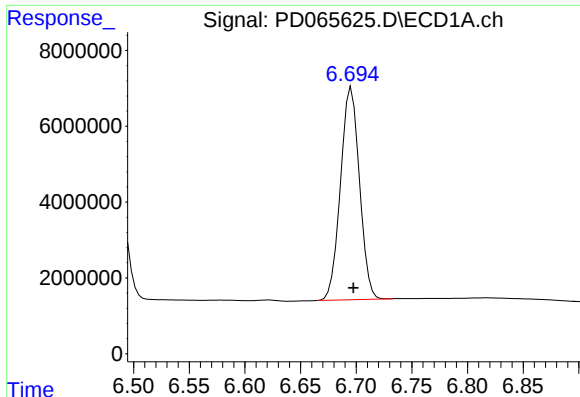
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 53417128
Conc: 42.35 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 270753766
Conc: 49.56 ng/ml



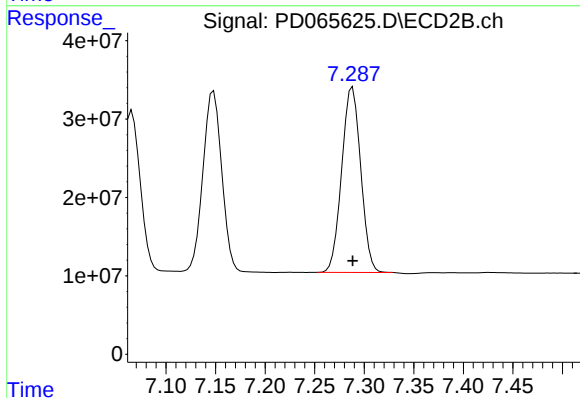
#19 Endosulfan Sulfate

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 66473792
Conc: 43.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

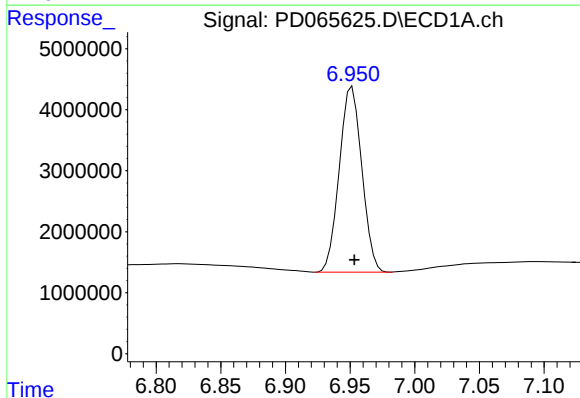
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



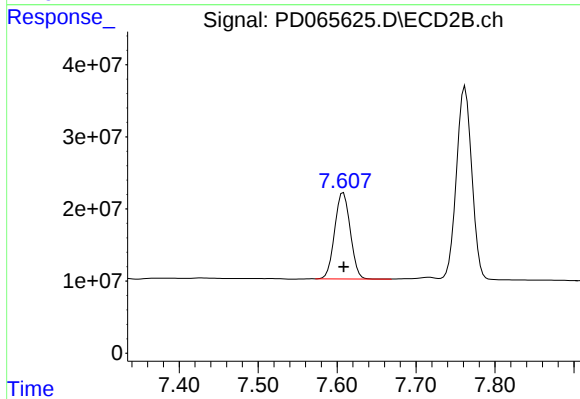
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 316001187
Conc: 49.43 ng/ml



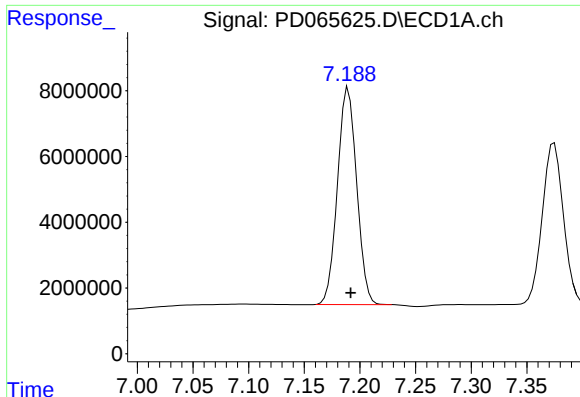
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 36821934
Conc: 43.91 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 164205993
Conc: 50.45 ng/ml



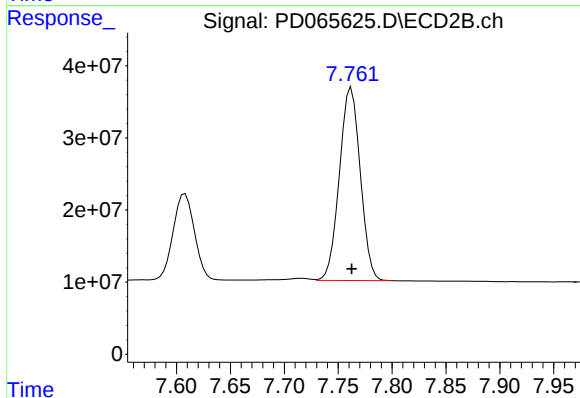
#21 Endrin ketone

R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 79390084
Conc: 42.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

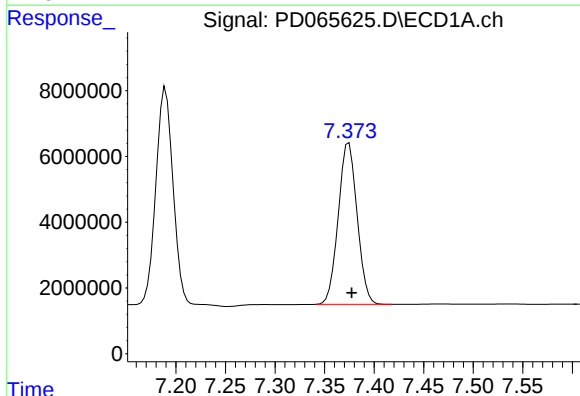
Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



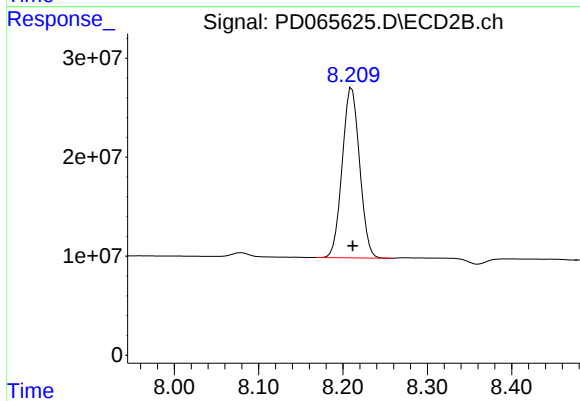
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 361126968
Conc: 47.74 ng/ml



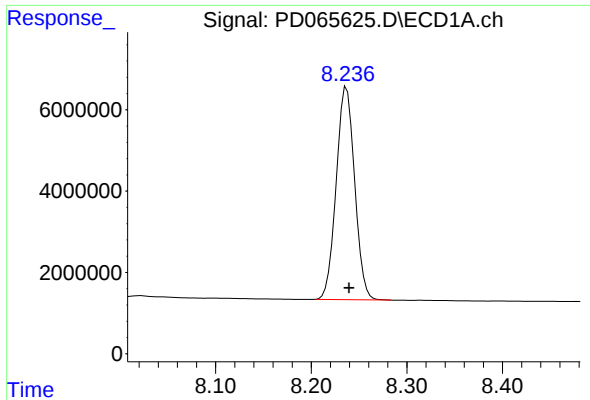
#22 Mirex

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 65011526
Conc: 41.47 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 246307453
Conc: 46.57 ng/ml



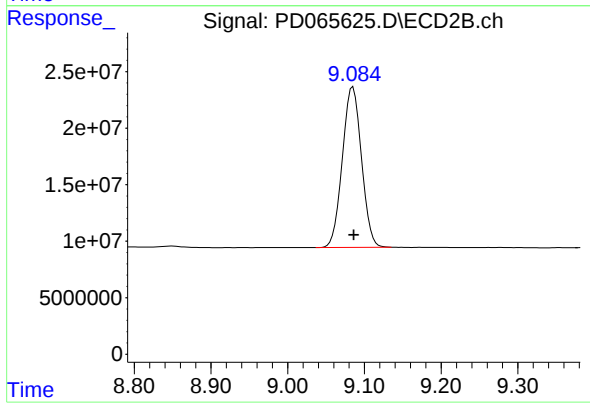
#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: -0.003 min
Response: 70211133
Conc: 40.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
9/9/2021 9:22:04 AM



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: -0.001 min
Response: 246853562
Conc: 46.26 ng/ml