

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
 Data File : PD065688.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2021 13:48
 Operator : AR\AJ
 Sample : M3707-01MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-02-091021MSD

Manual Integrations
 APPROVED

mohammad
 9/14/2021 11:29:41 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 02:16:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 09 15:08:21 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	2226921	20579275	2.272	2.808
28)	SA Decachlor...	8.236	9.083	3136997	16852276	1.820	3.158m#
Target Compounds							
2)	A alpha-BHC	3.933	4.407	7185682	60535010	4.988	5.722
3)	MA gamma-BHC...	4.217	4.694	8680759	64214418	6.014	6.517
4)	MA Heptachlor	4.514	5.198	8127153	57094144	5.355	6.279
5)	MB Aldrin	4.762	5.503	7132522	54071913	4.991	6.409 #
6)	B beta-BHC	4.464	4.870	6027479	21503759	2.750m	4.619m#
7)	B delta-BHC	4.668	5.086	7362971	45168263	4.937m	4.858m
8)	B Heptachlo...	5.204	5.894	7519198	26591512	5.155	3.692 #
9)	A Endosulfan I	5.543	6.251	5356530	38371428	3.779	5.448 #
10)	B gamma-Chl...	5.429	6.125	8103998	47577663	5.306	6.336m
11)	B alpha-Chl...	5.488	6.198	7959693	45795406	5.288	6.218
12)	B 4,4'-DDE	5.650	6.356	6083700	53542646	4.267	7.411 #
13)	MA Dieldrin	5.785	6.509	9299744	36782168	6.010	4.875
14)	MA Endrin	6.043	6.726	7863151	33996460	5.719	5.699m
15)	B Endosulfa...	6.315	6.940	7930688	39200265	5.522	6.115
16)	A 4,4'-DDD	6.166	6.849	5335820	38010300	4.185	6.089m#
17)	MA 4,4'-DDT	6.405	7.148	5991193	32897628	4.353	5.401
18)	B Endrin al...	6.484	7.065	6328669	29531514	5.017	5.405
19)	B Endosulfa...	6.695	7.287	7904645	33741897	5.116	5.278
20)	A Methoxychlor	6.951	7.607	3337911	18811861	3.981	5.779 #
21)	B Endrin ke...	7.189	7.761	7564603	46239897	4.068	6.112 #
22)	Mirex	7.375	8.208	8021303	26288687	5.117	4.970m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091321\
Data File : PD065688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2021 13:48
Operator : AR\AJ
Sample : M3707-01MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

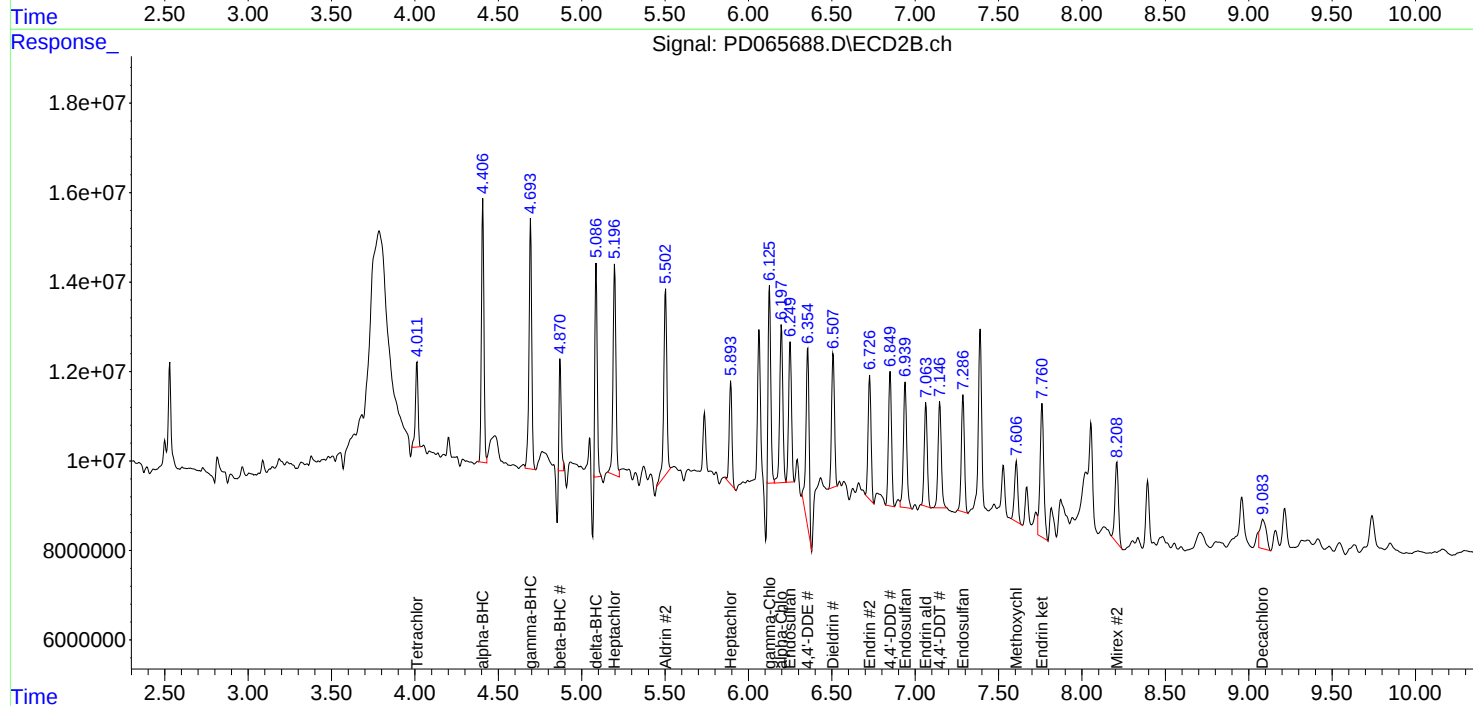
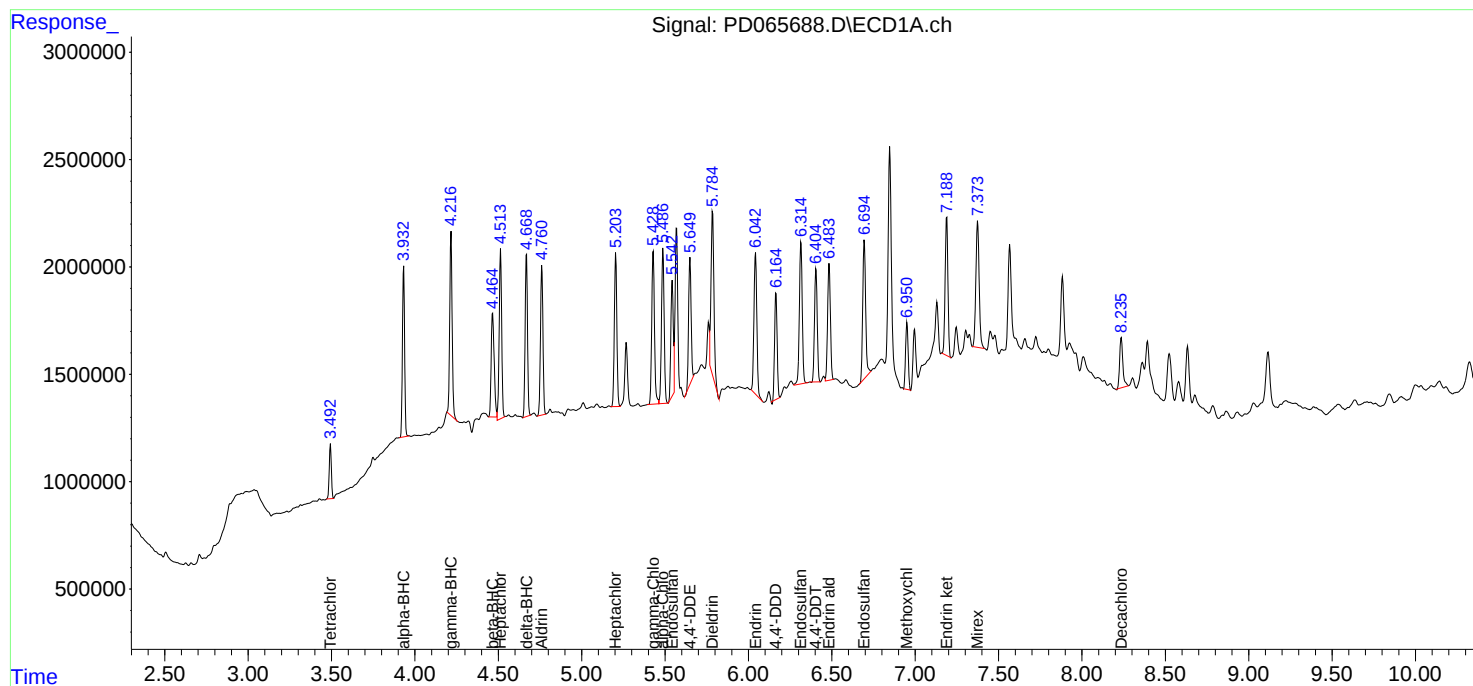
Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

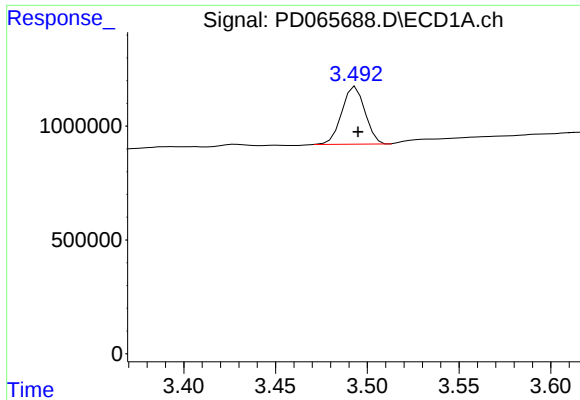
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 02:16:45 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Thu Sep 09 15:08:21 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





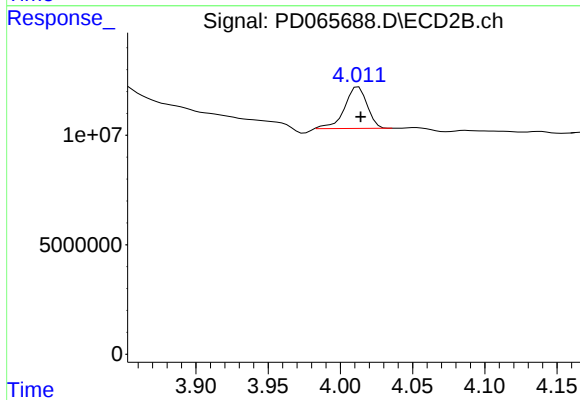
#1 Tetrachloro-m-xylene

R.T.: 3.494 min
Delta R.T.: -0.001 min
Response: 2226921
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

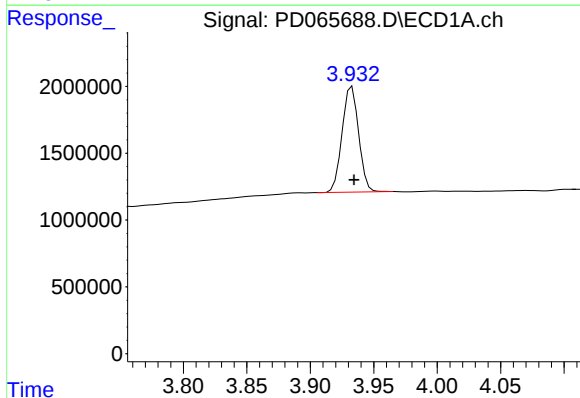
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



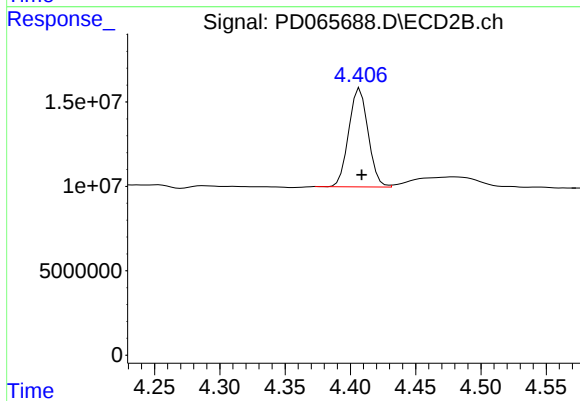
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 20579275
Conc: 2.81 ng/ml



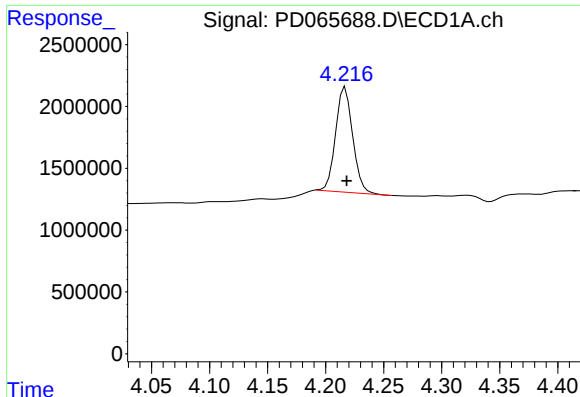
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 7185682
Conc: 4.99 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: -0.001 min
Response: 60535010
Conc: 5.72 ng/ml



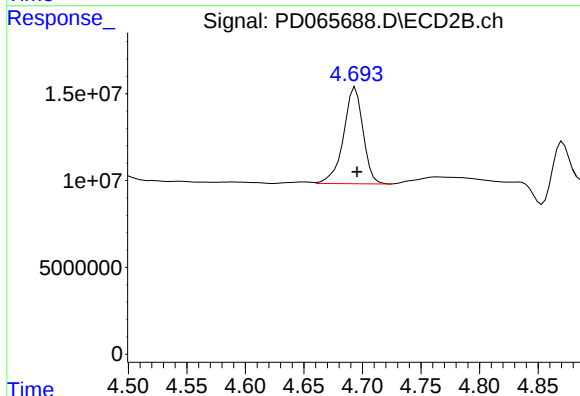
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.001 min
Response: 8680759
Conc: 6.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

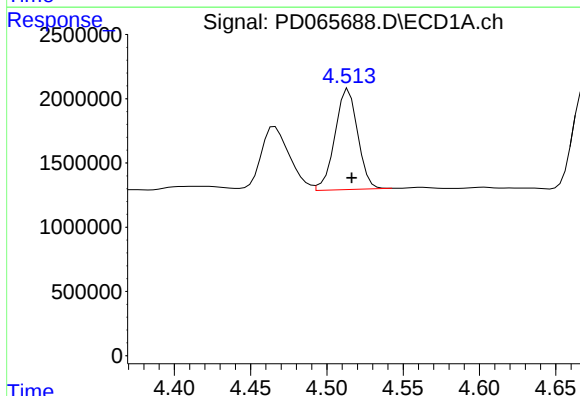
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



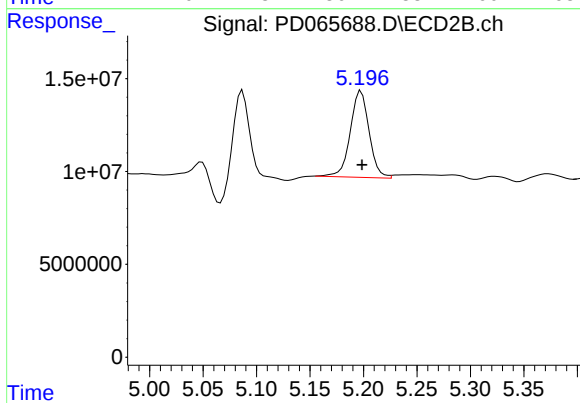
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: -0.001 min
Response: 64214418
Conc: 6.52 ng/ml



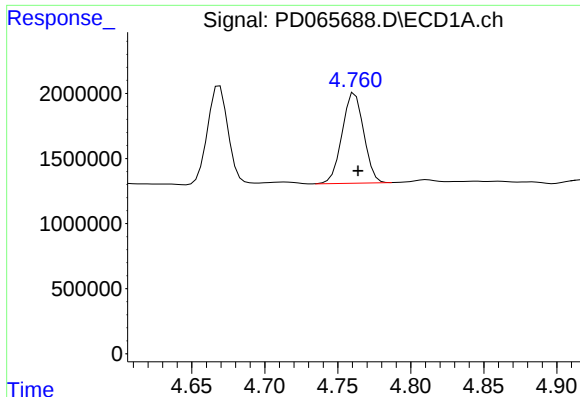
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 8127153
Conc: 5.35 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: -0.001 min
Response: 57094144
Conc: 6.28 ng/ml



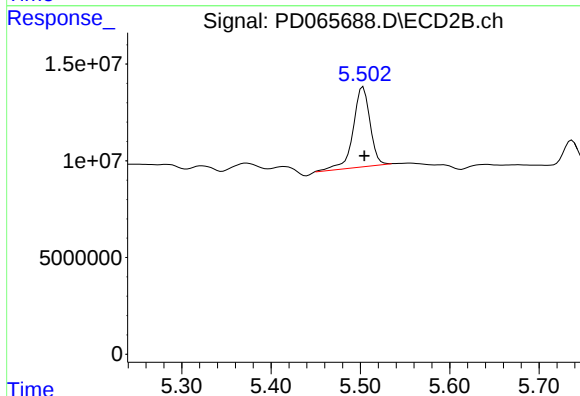
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 7132522
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

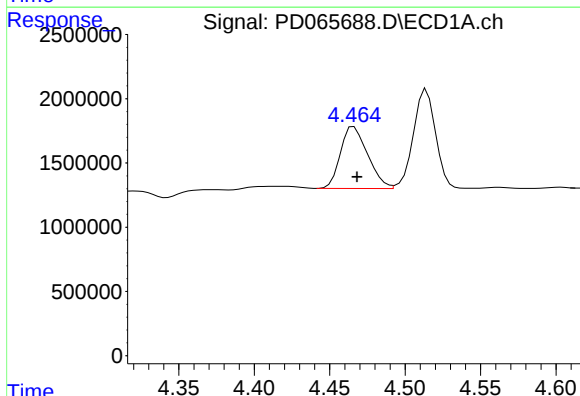
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



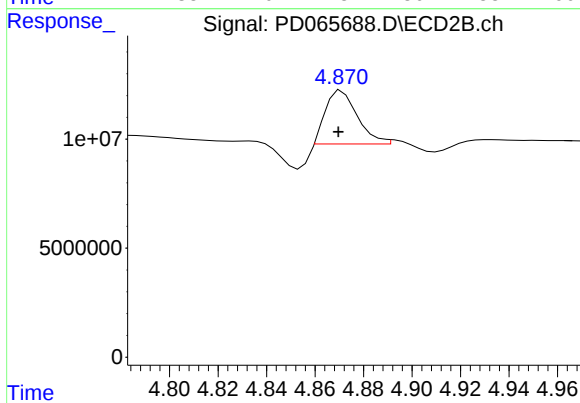
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 54071913
Conc: 6.41 ng/ml



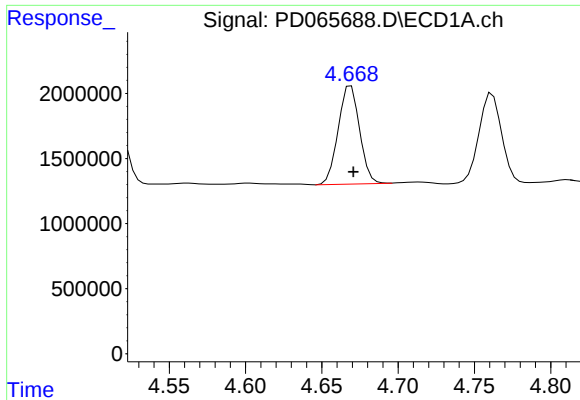
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: -0.004 min
Response: 6027479
Conc: 2.75 ng/ml m



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 21503759
Conc: 4.62 ng/ml m



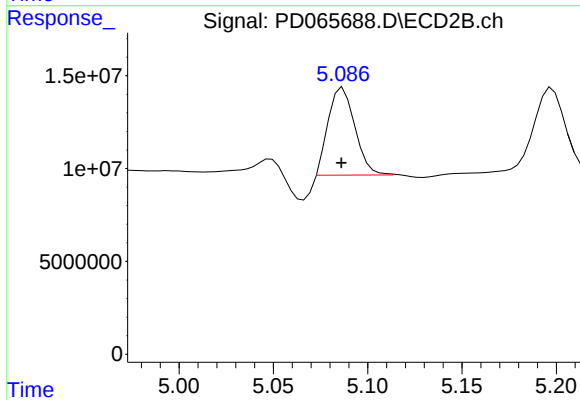
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: -0.003 min
Response: 7362971
Conc: 4.94 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

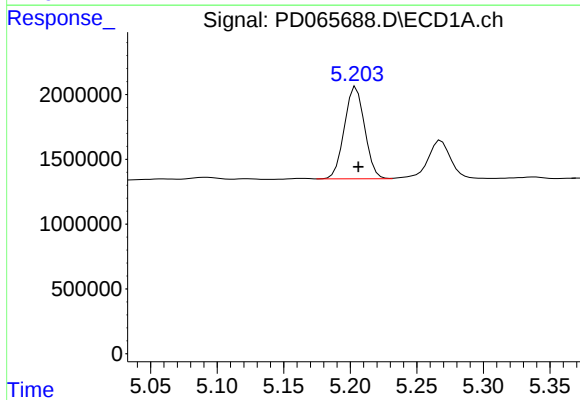
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



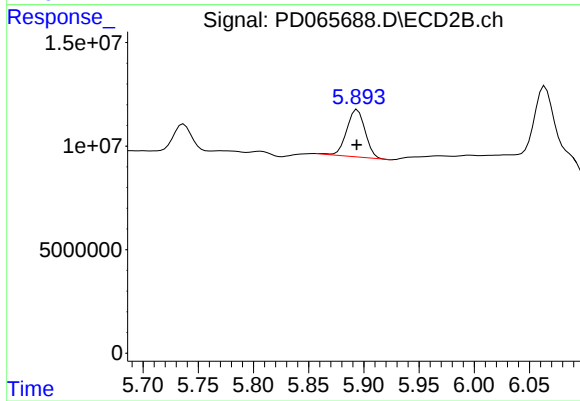
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 45168263
Conc: 4.86 ng/ml m



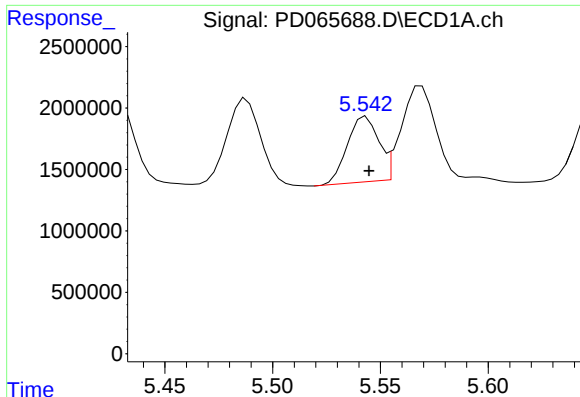
#8 Heptachlor epoxide

R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 7519198
Conc: 5.16 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 26591512
Conc: 3.69 ng/ml



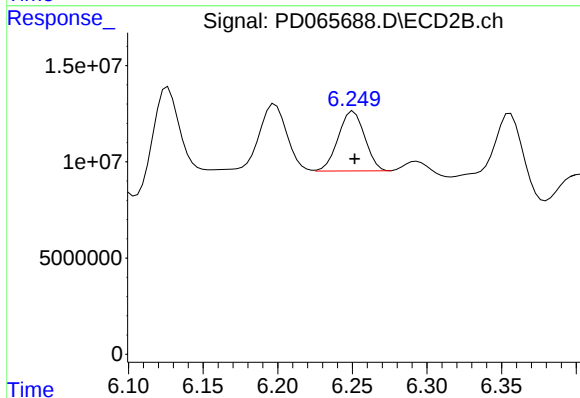
#9 Endosulfan I

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 5356530
Conc: 3.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

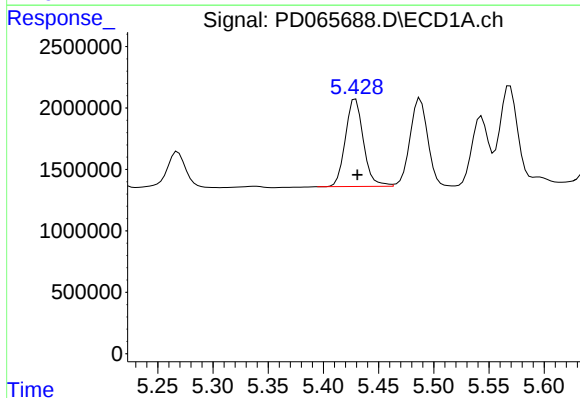
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



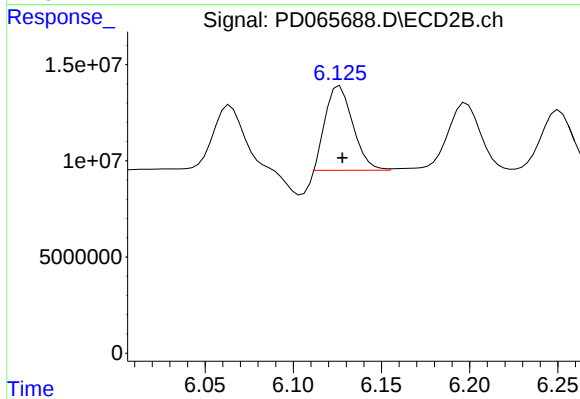
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 38371428
Conc: 5.45 ng/ml



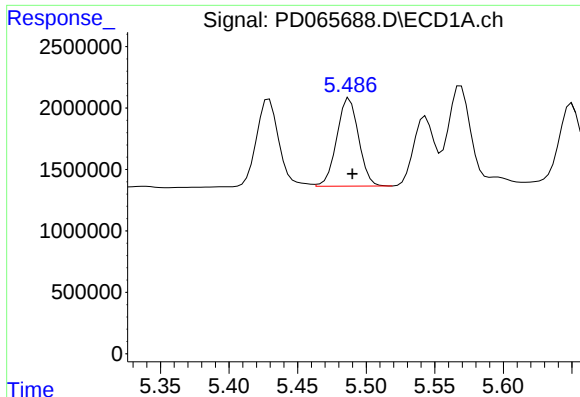
#10 gamma-Chlordane

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 8103998
Conc: 5.31 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 47577663
Conc: 6.34 ng/ml m



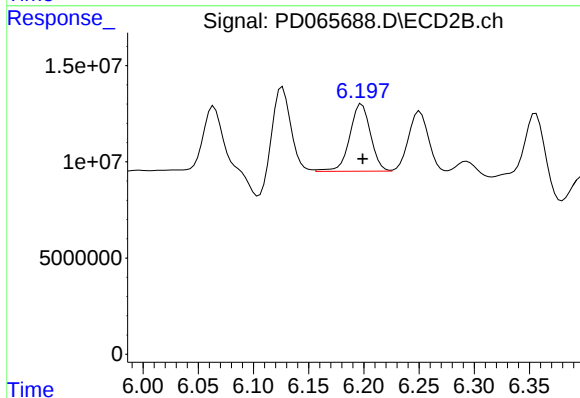
#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 7959693
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

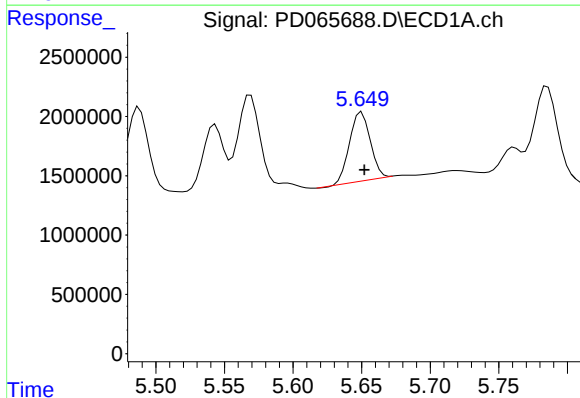
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



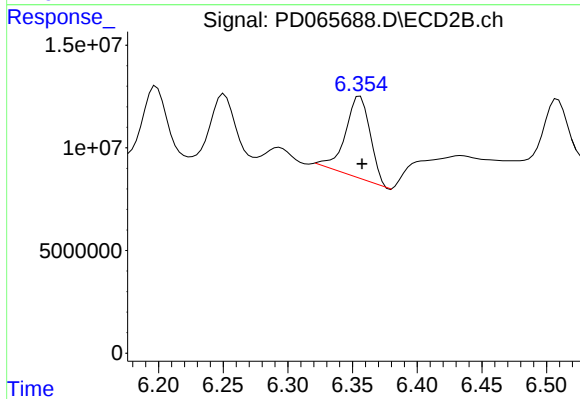
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 45795406
Conc: 6.22 ng/ml



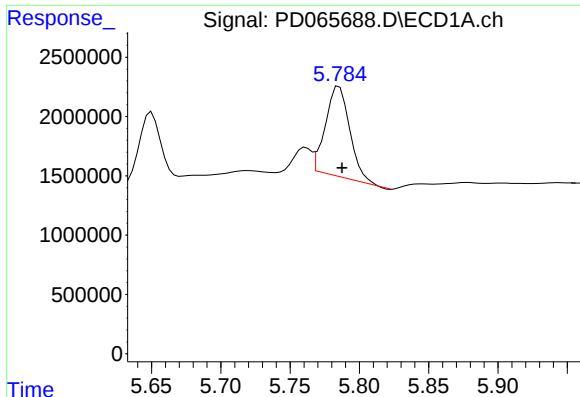
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 6083700
Conc: 4.27 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 53542646
Conc: 7.41 ng/ml



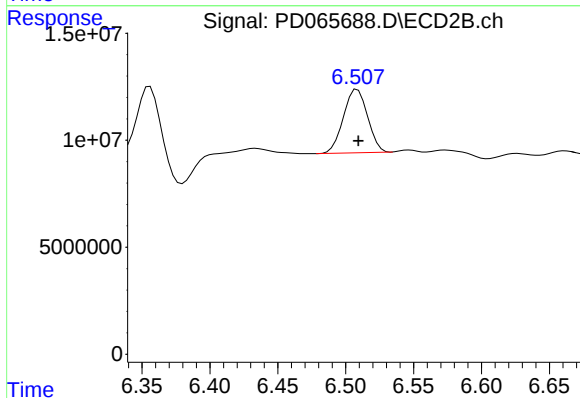
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 9299744
Conc: 6.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

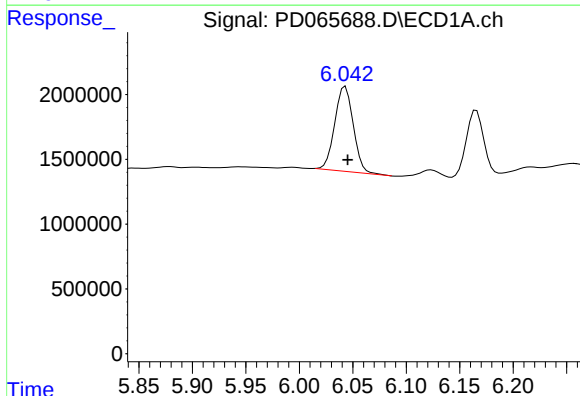
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



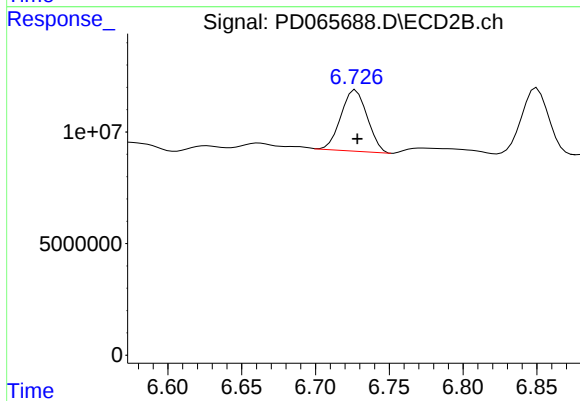
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 36782168
Conc: 4.88 ng/ml



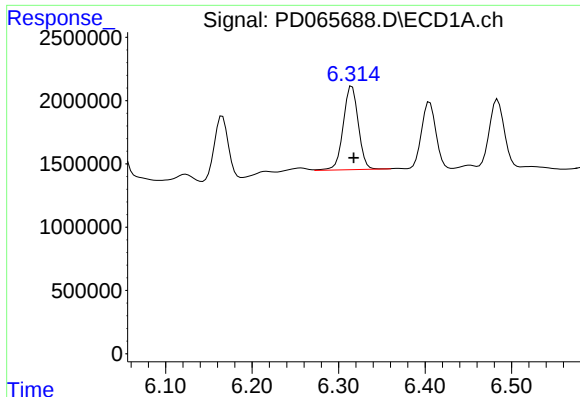
#14 Endrin

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 7863151
Conc: 5.72 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 33996460
Conc: 5.70 ng/ml m



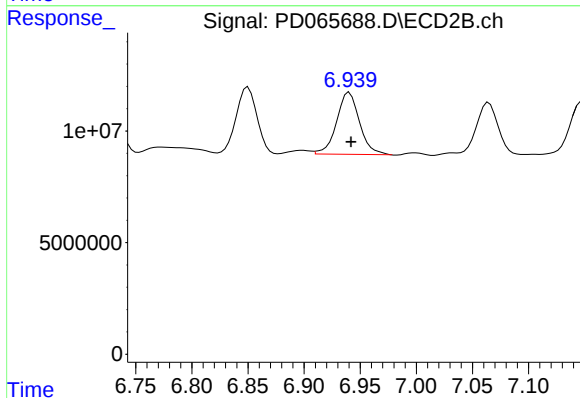
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 7930688
Conc: 5.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

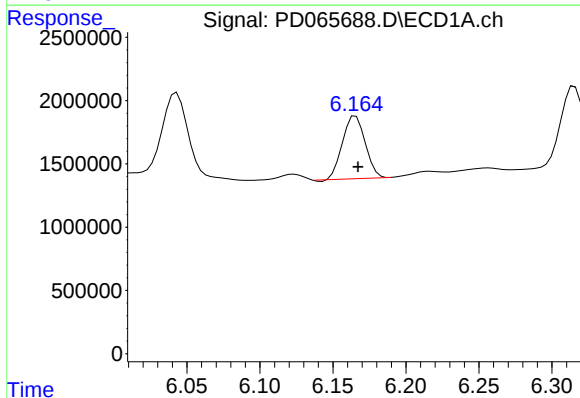
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



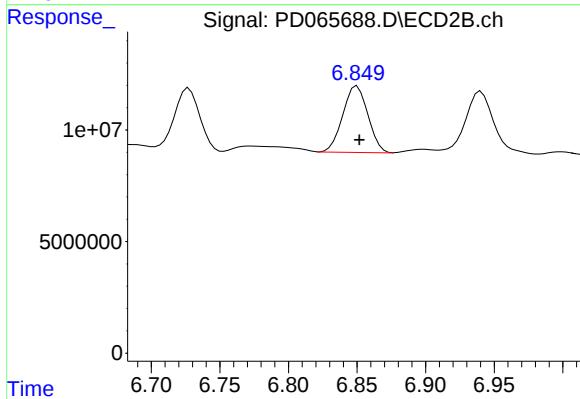
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 39200265
Conc: 6.11 ng/ml



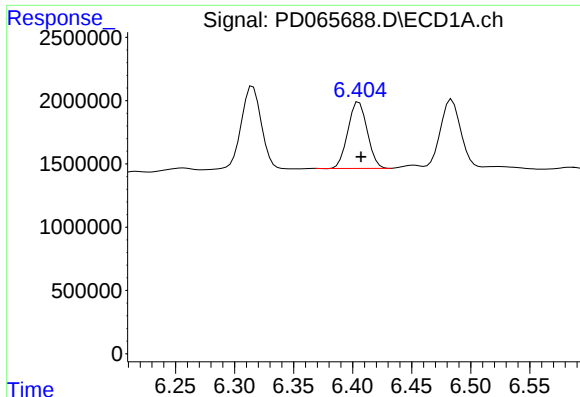
#16 4,4'-DDD

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 5335820
Conc: 4.19 ng/ml



#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.003 min
Response: 38010300
Conc: 6.09 ng/ml m



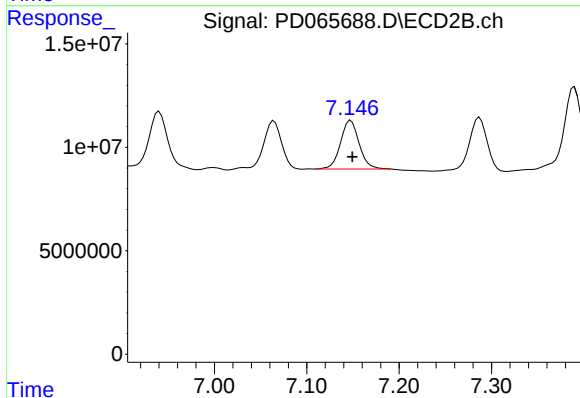
#17 4,4'-DDT

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 5991193
Conc: 4.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

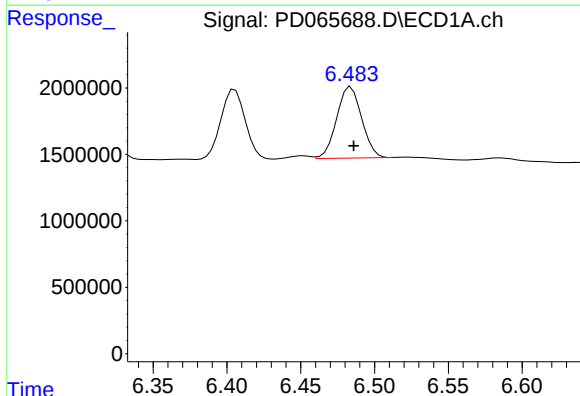
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



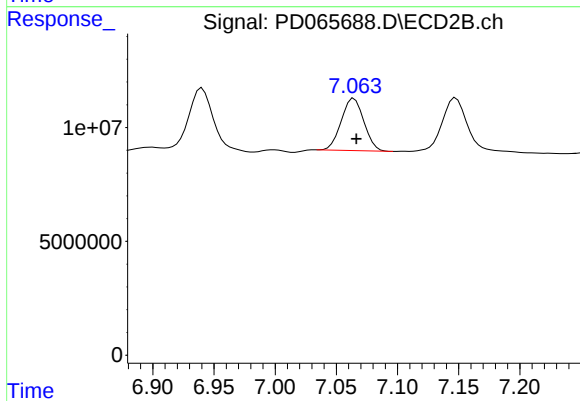
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 32897628
Conc: 5.40 ng/ml



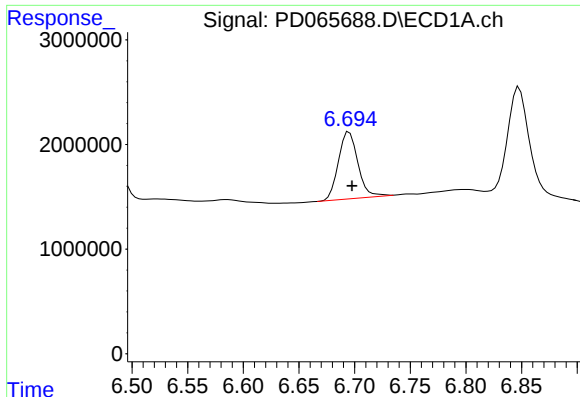
#18 Endrin aldehyde

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 6328669
Conc: 5.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 29531514
Conc: 5.41 ng/ml



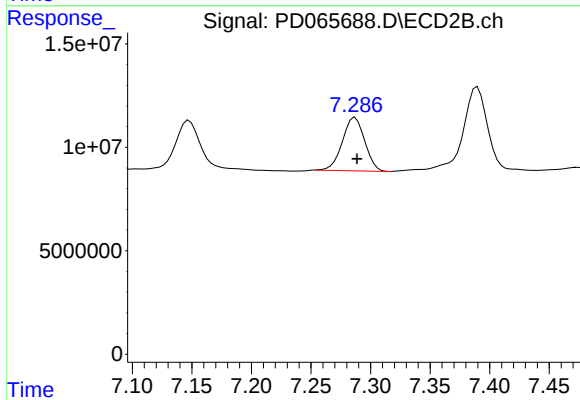
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: -0.002 min
Response: 7904645
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

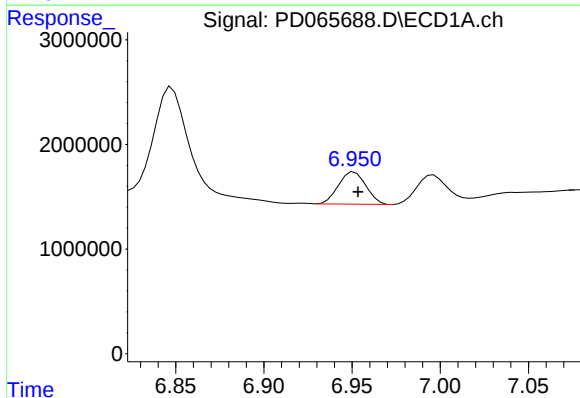
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



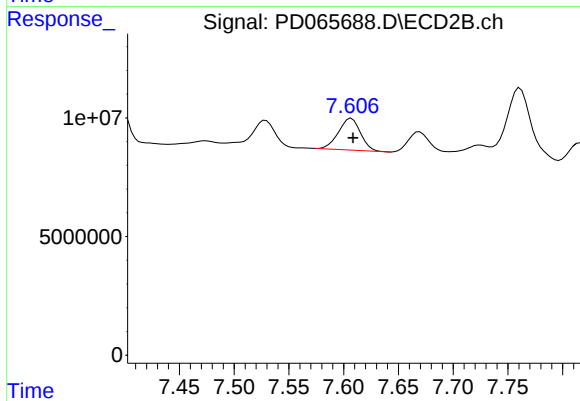
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: -0.001 min
Response: 33741897
Conc: 5.28 ng/ml



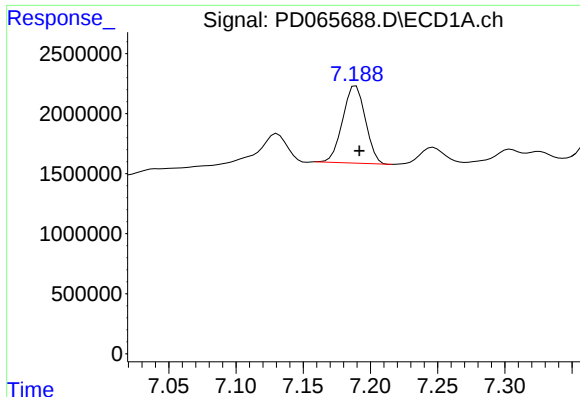
#20 Methoxychlor

R.T.: 6.951 min
Delta R.T.: -0.002 min
Response: 3337911
Conc: 3.98 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 18811861
Conc: 5.78 ng/ml



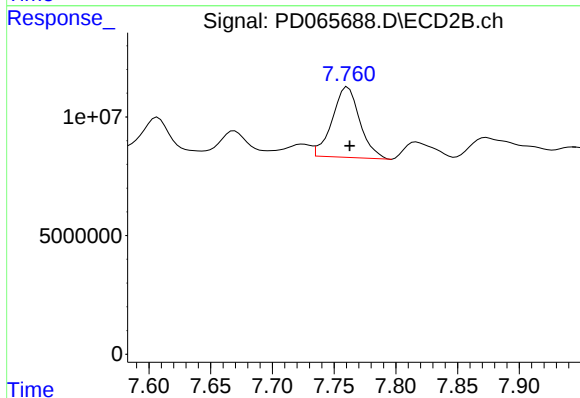
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 7564603
Conc: 4.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

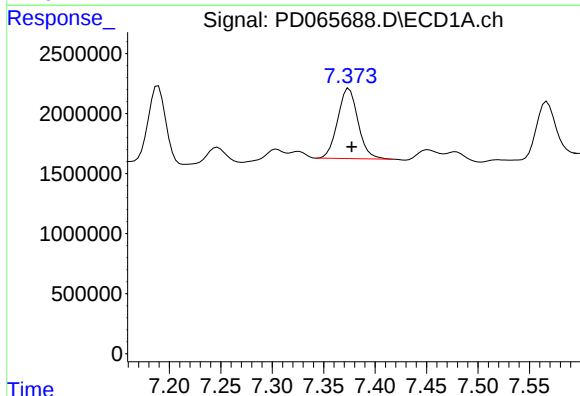
Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



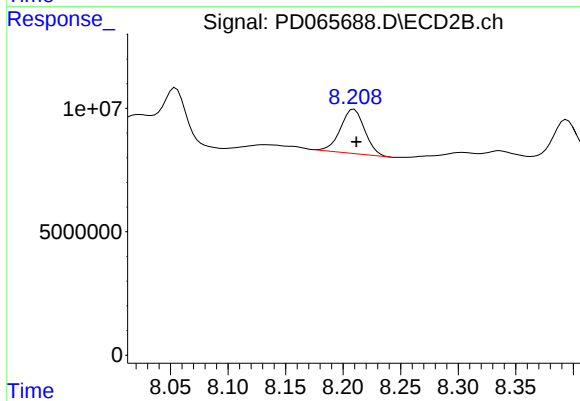
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: -0.002 min
Response: 46239897
Conc: 6.11 ng/ml



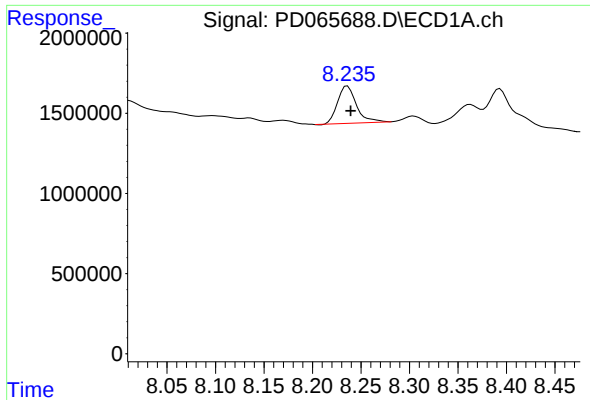
#22 Mirex

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 8021303
Conc: 5.12 ng/ml



#22 Mirex

R.T.: 8.208 min
Delta R.T.: -0.003 min
Response: 26288687
Conc: 4.97 ng/ml m



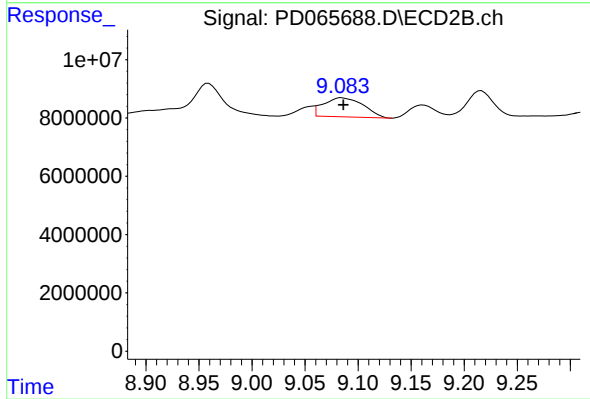
#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 3136997
Conc: 1.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-02-091021MSD

Manual Integrations
APPROVED

mohammad
9/14/2021 11:29:41 AM



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 16852276
Conc: 3.16 ng/ml m