

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092321\
 Data File : PD065815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2021 14:04
 Operator : AR\AJ
 Sample : M3702-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-WP

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/24/2021
 Supervised By : mohammad ahmed 09/24/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 16:21:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 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 x 0.2 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	4.014	18364850	1177.9E6	24.799	205.129 #
28)	SA Decachlor...	8.241	9.087	33898245	93981678	24.817	24.284
Target Compounds							
2)	A alpha-BHC	3.940	4.405	12975.3E6	39579.7E6	11553.314	4707.272 #
3)	MA gamma-BHC...	4.220	4.692	5099.8E6	22967.5E6	4547.783	2972.827 #
4)	MA Heptachlor	4.518	5.198	3429.8E6	15217.8E6	2875.424	2097.343 #
5)	MB Aldrin	4.766	5.502	11863.1E6	32875.5E6	10604.529	4886.680 #
6)	B beta-BHC	4.468	4.870	2669.2E6	11156.5E6	4675.718	3018.646 #
7)	B delta-BHC	4.673	5.079	13613.3E6	32771.3E6	12042.063	4553.627 #
8)	B Heptachlo...	5.208	5.893	3433.2E6	13519.7E6	3066.112	2616.115
9)	A Endosulfan I	5.546	6.253	5521.6E6	16479.2E6	5077.195	2981.547 #
10)	B gamma-Chl...	5.433	6.126	5358.1E6	18160.4E6	4437.213	3027.871 #
11)	B alpha-Chl...	5.491	6.199	2544.3E6	10442.3E6	2149.341	1739.782
12)	B 4,4'-DDE	5.654	6.357	4281.7E6	16636.2E6	3933.544	2884.488 #
13)	MA Dieldrin	5.790	6.510	9516.1E6	25065.1E6	8210.441	4253.243 #
14)	MA Endrin	6.048	6.729	5976.2E6	16218.5E6	5647.769	3289.706 #
15)	B Endosulfa...	6.320	6.944	7709.5E6	22240.6E6	7136.406	4591.496 #
16)	A 4,4'-DDD	6.169	6.851	7944.5E6	25633.9E6	8098.823	5215.901m#
17)	MA 4,4'-DDT	6.410	7.149	3060.6E6	10342.8E6	2780.564	2047.520 #
18)	B Endrin al...	6.489	7.066	11900.5E6	26618.9E6	13427.672	6799.290 #
19)	B Endosulfa...	6.699	7.289	11207.2E6	30880.3E6	9819.072	6260.835 #
20)	A Methoxychlor	6.957	7.610	9842.0E6	22136.2E6	14402.425	8411.639 #
21)	B Endrin ke...	7.195	7.762	11770.2E6	29155.3E6	8355.626	5112.338 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092321\
Data File : PD065815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2021 14:04
Operator : AR\AJ
Sample : M3702-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

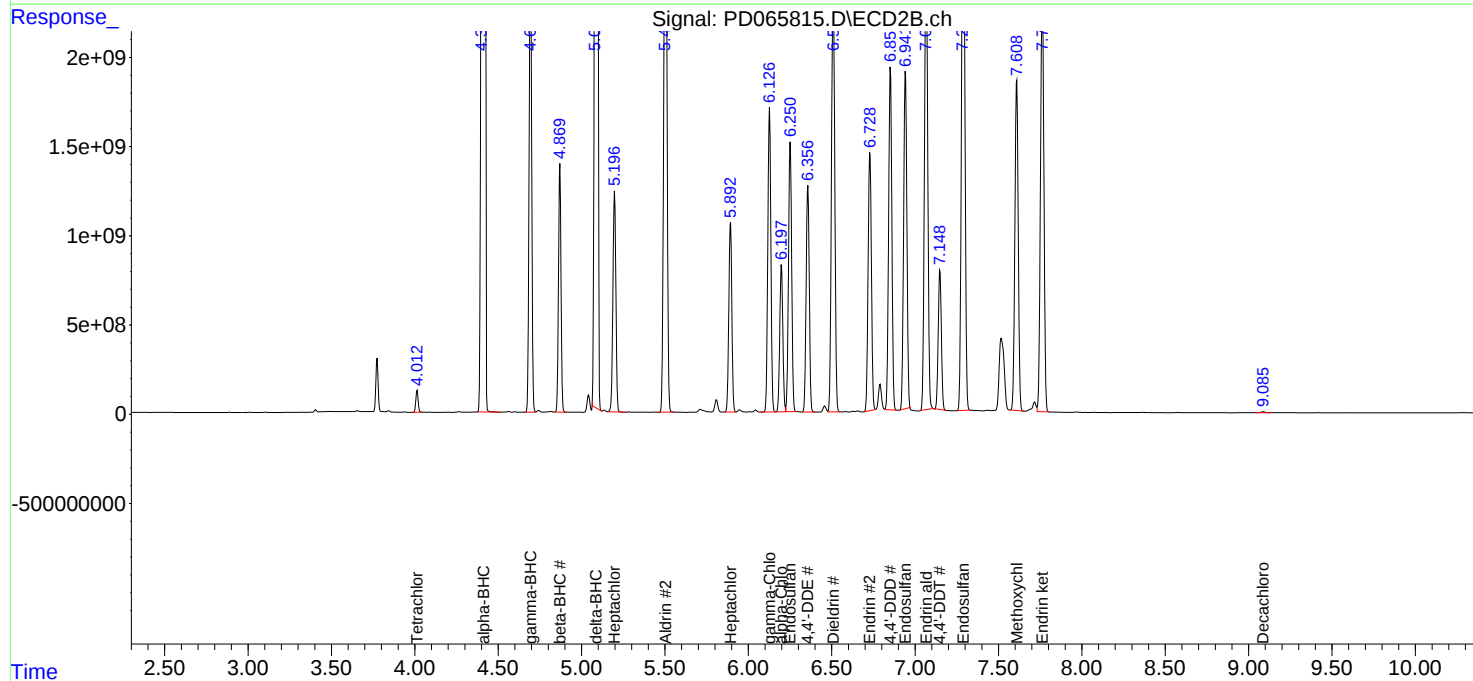
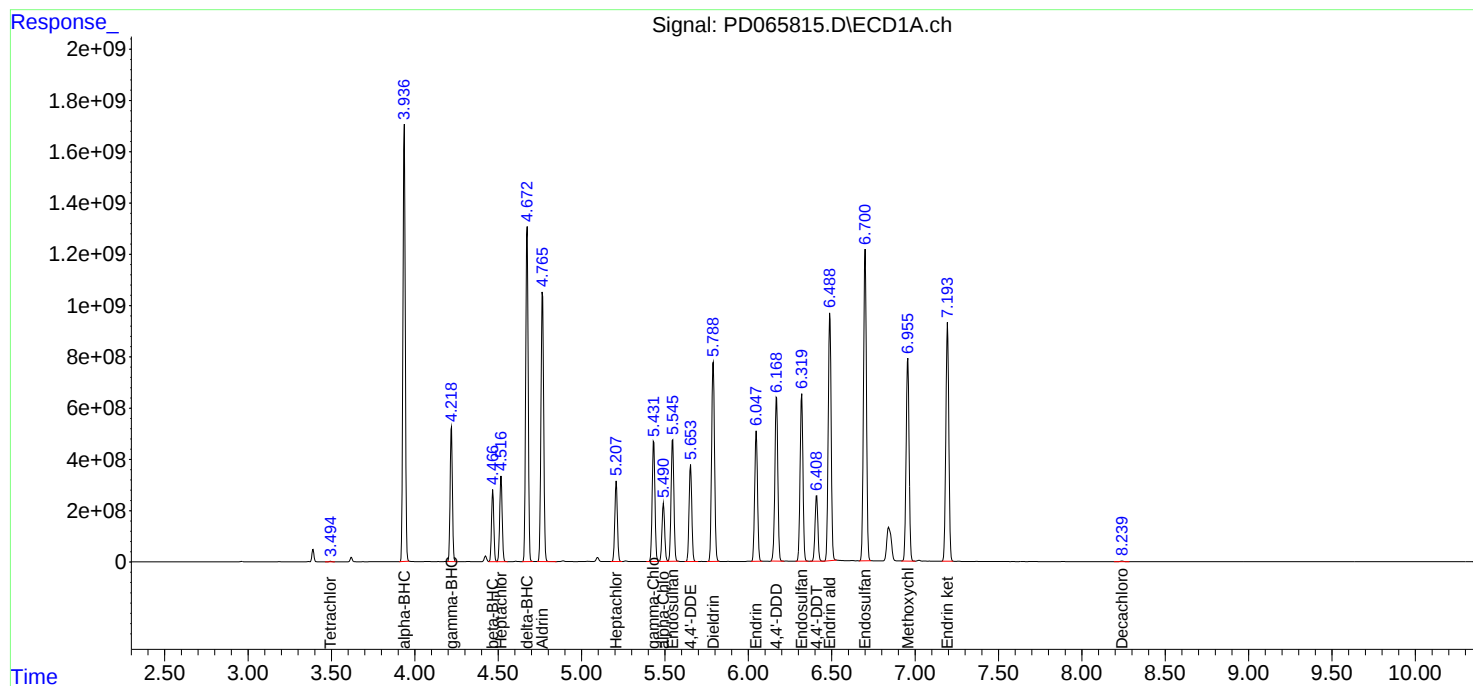
Instrument :
ECD_D
ClientSampleId :
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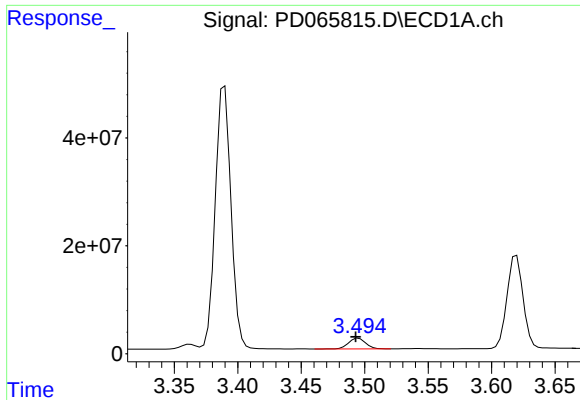
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 16:21:48 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
Response 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





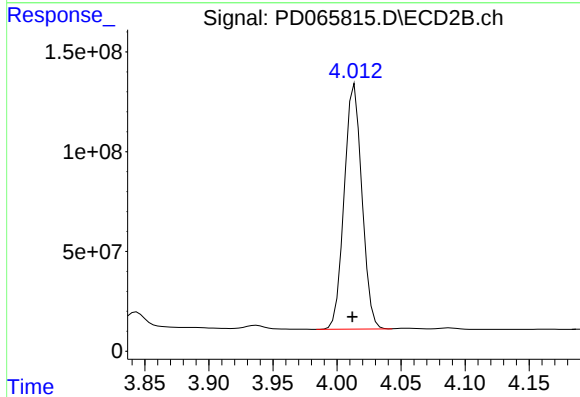
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.002 min
Response: 18364850
Conc: 24.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

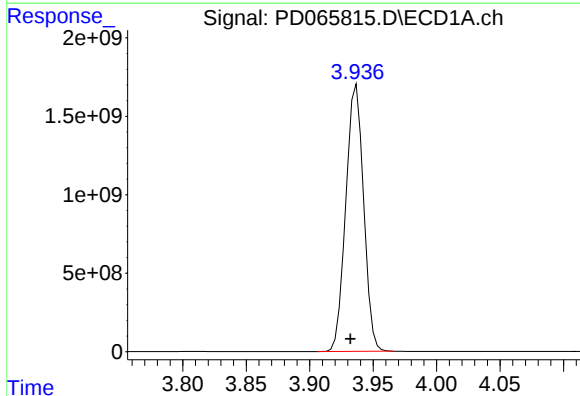
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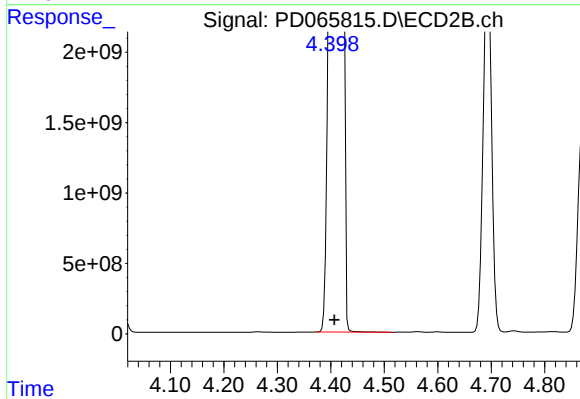
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.002 min
Response: 1177881216
Conc: 205.13 ng/ml



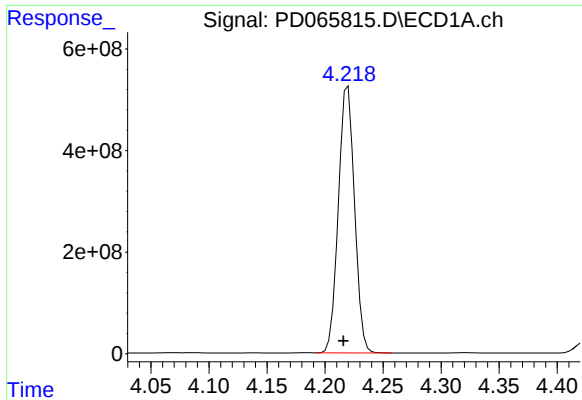
#2 alpha-BHC

R.T.: 3.940 min
Delta R.T.: 0.008 min
Response: 12975275966
Conc: 11553.31 ng/ml



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 39579686140
Conc: 4707.27 ng/ml



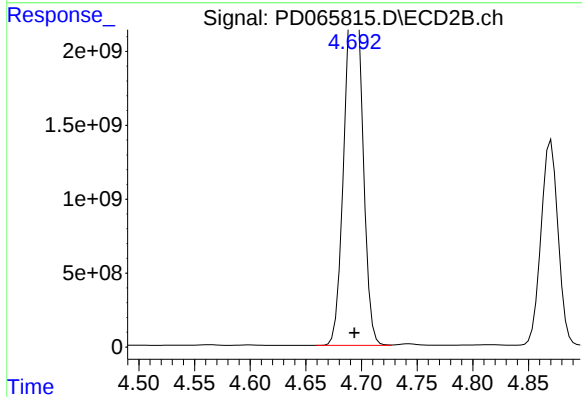
#3 gamma-BHC (Lindane)

R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 5099807655
Conc: 4547.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

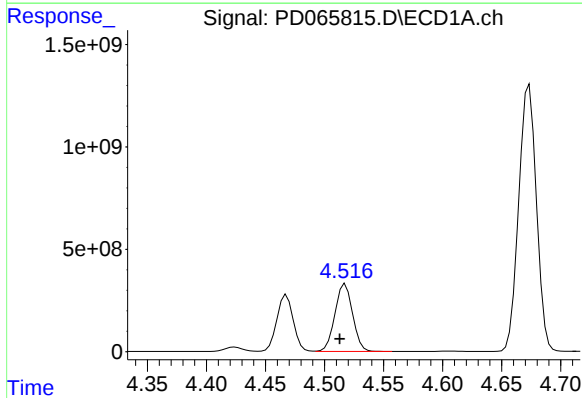
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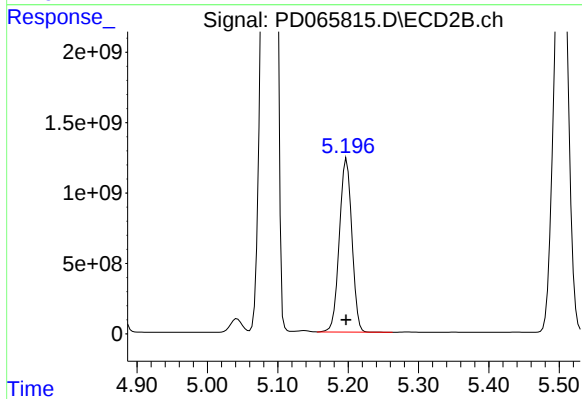
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: -0.001 min
Response: 22967503769
Conc: 2972.83 ng/ml



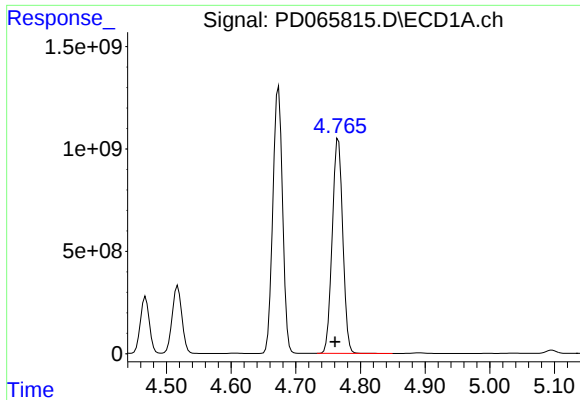
#4 Heptachlor

R.T.: 4.518 min
Delta R.T.: 0.005 min
Response: 3429816348
Conc: 2875.42 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 15217845144
Conc: 2097.34 ng/ml



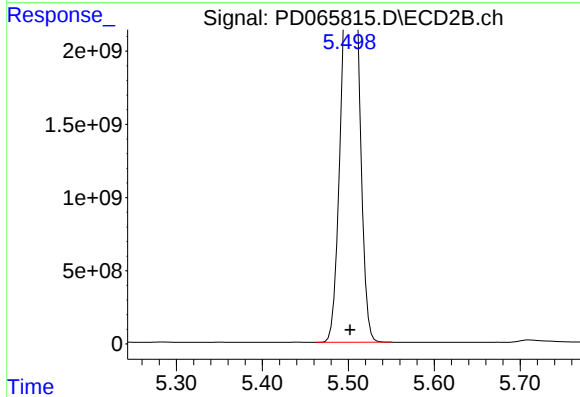
#5 Aldrin

R.T.: 4.766 min
Delta R.T.: 0.005 min
Response: 11863099124
Conc: 10604.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

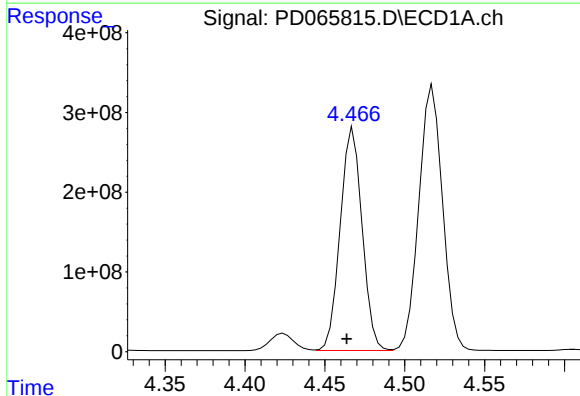
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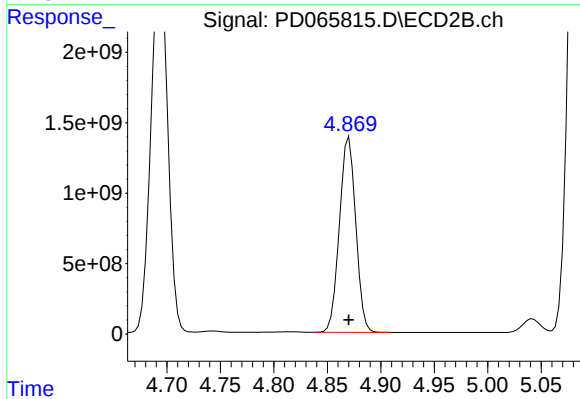
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 32875513985
Conc: 4886.68 ng/ml



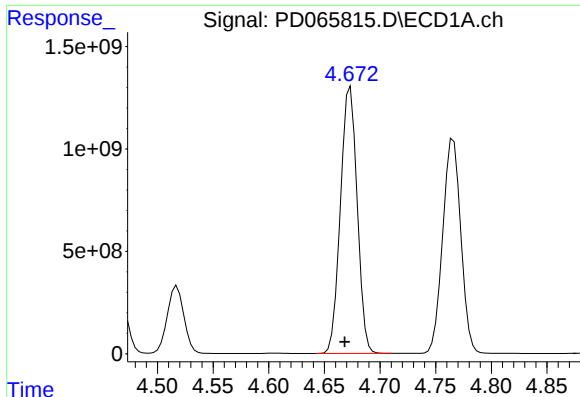
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.004 min
Response: 2669236120
Conc: 4675.72 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 11156466524
Conc: 3018.65 ng/ml



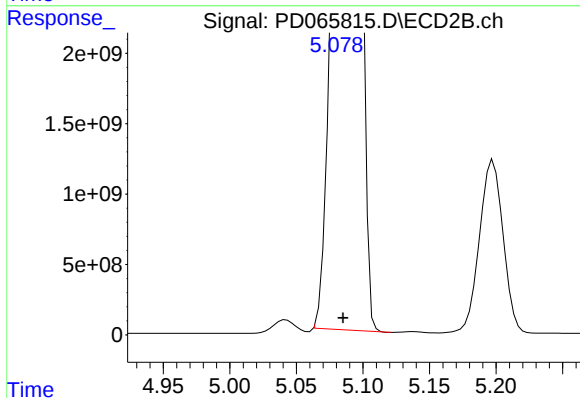
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.005 min
Response: 13613323349
Conc: 12042.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

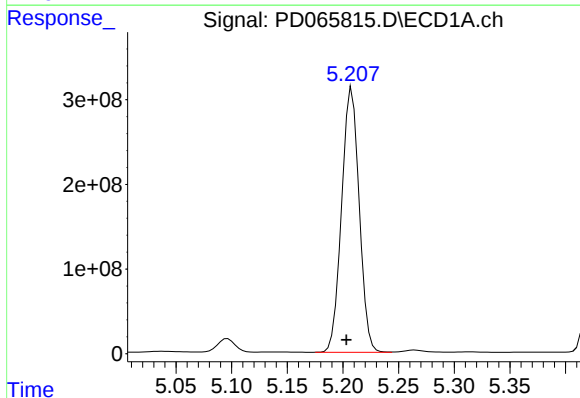
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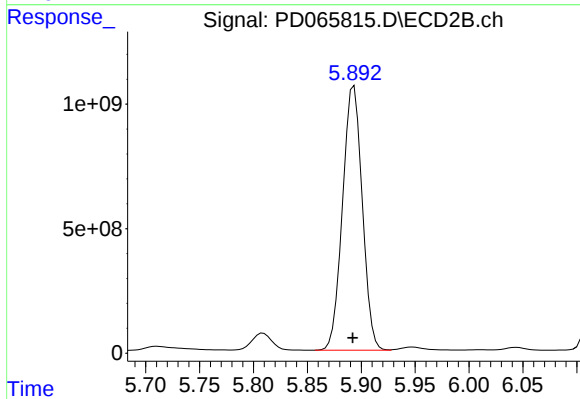
#7 delta-BHC

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 32771257672
Conc: 4553.63 ng/ml



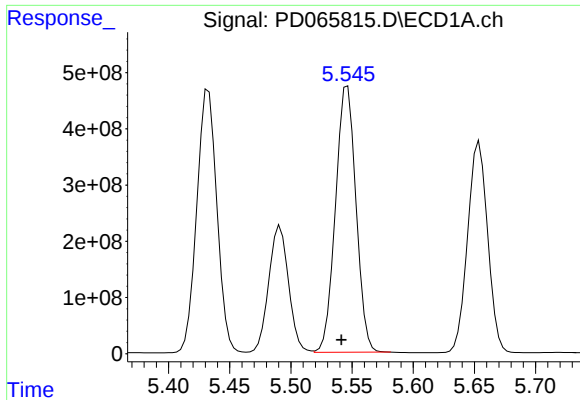
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.005 min
Response: 3433234233
Conc: 3066.11 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.001 min
Response: 13519723767
Conc: 2616.11 ng/ml



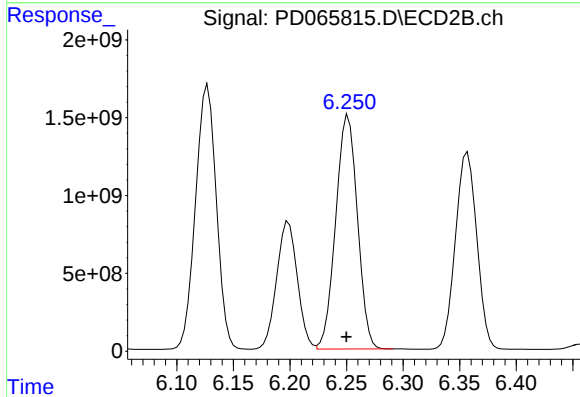
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: 0.005 min
Response: 5521615156
Conc: 5077.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

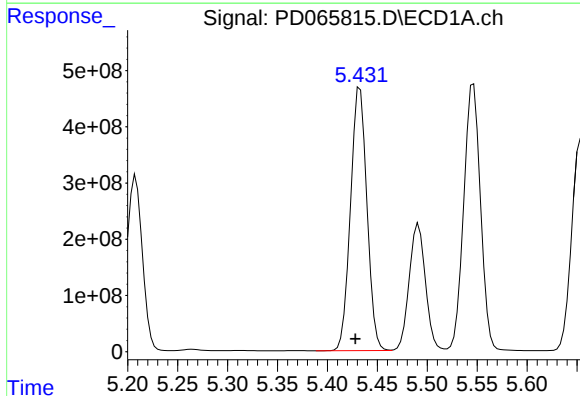
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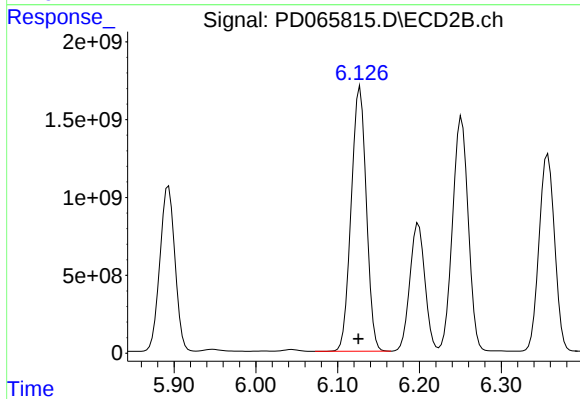
#9 Endosulfan I

R.T.: 6.253 min
Delta R.T.: 0.003 min
Response: 16479222541
Conc: 2981.55 ng/ml



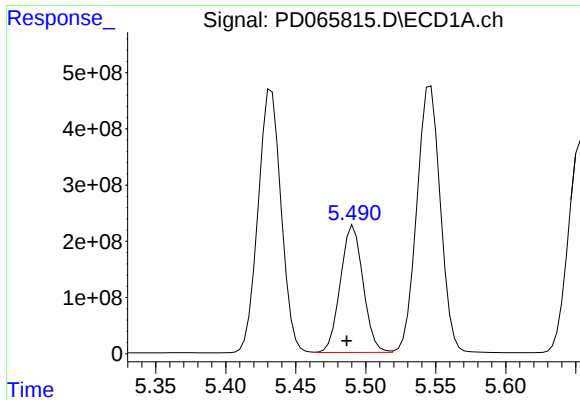
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.005 min
Response: 5358100368
Conc: 4437.21 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 18160365738
Conc: 3027.87 ng/ml



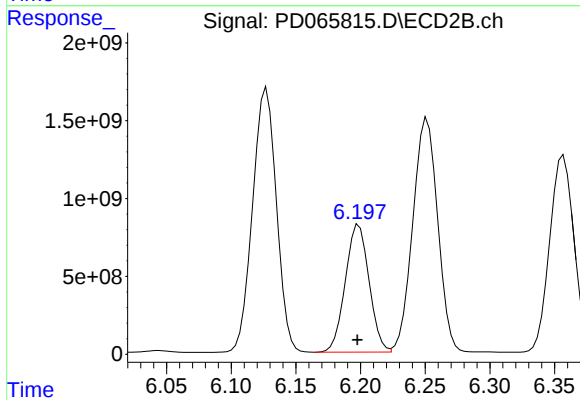
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.005 min
Response: 2544327198
Conc: 2149.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

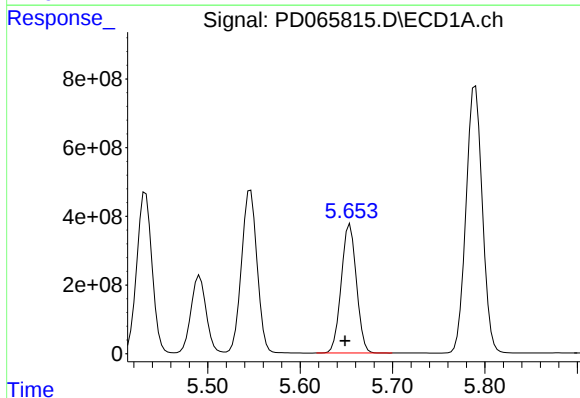
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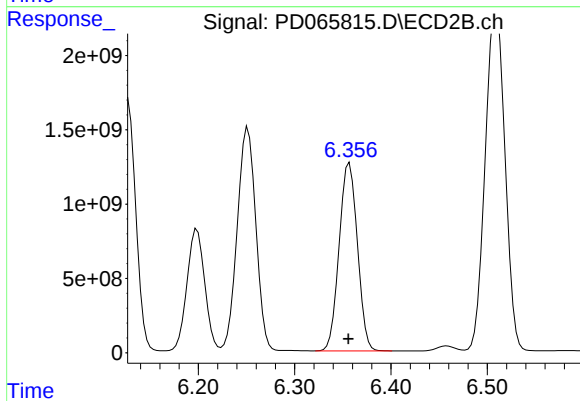
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.001 min
Response: 1044226586
Conc: 1739.78 ng/ml



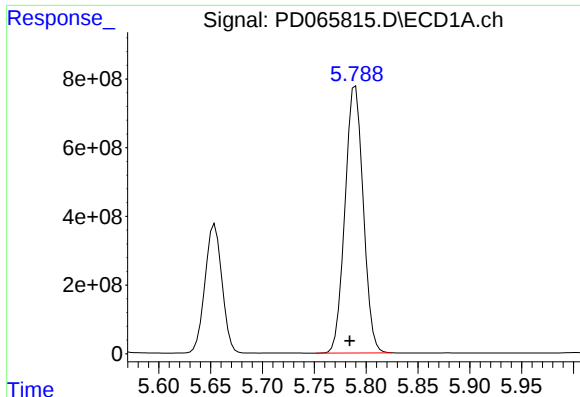
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.005 min
Response: 4281724842
Conc: 3933.54 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 16636180795
Conc: 2884.49 ng/ml



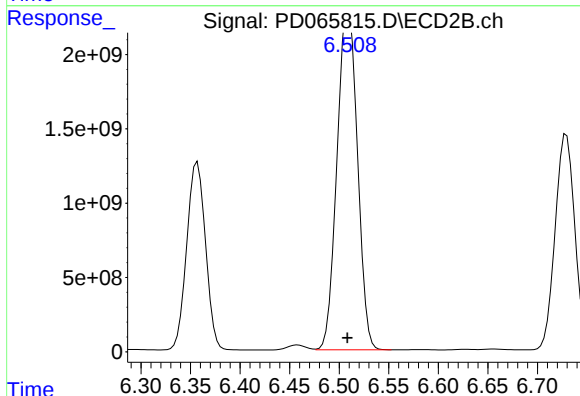
#13 Dieldrin

R.T.: 5.790 min
Delta R.T.: 0.006 min
Response: 9516122721
Conc: 8210.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

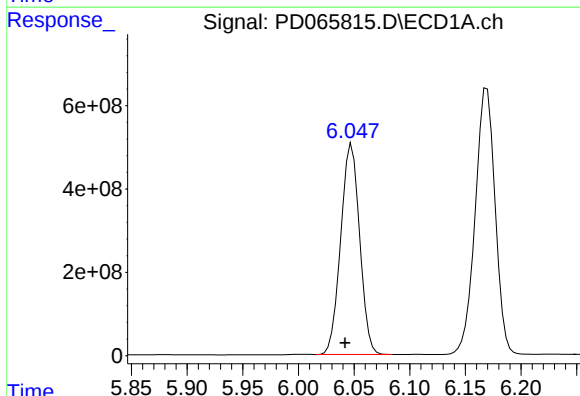
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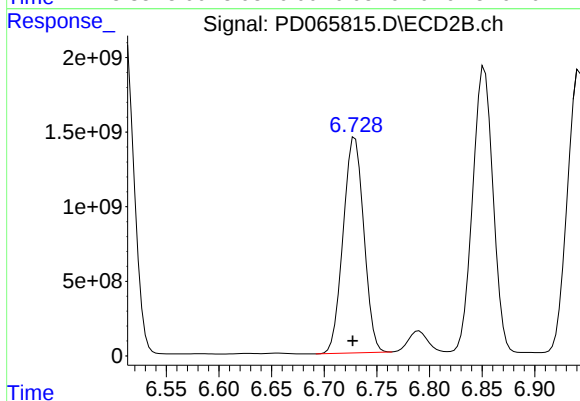
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.001 min
Response: 25065142472
Conc: 4253.24 ng/ml



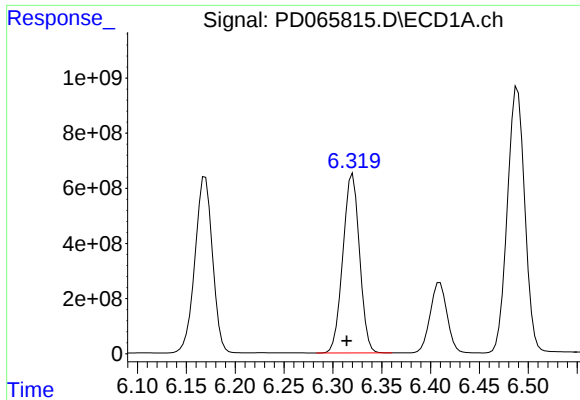
#14 Endrin

R.T.: 6.048 min
Delta R.T.: 0.006 min
Response: 5976173994
Conc: 5647.77 ng/ml



#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 16218521475
Conc: 3289.71 ng/ml



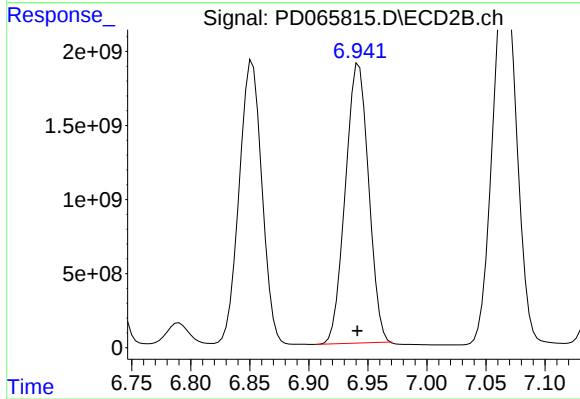
#15 Endosulfan II

R.T.: 6.320 min
Delta R.T.: 0.006 min
Response: 7709519832
Conc: 7136.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

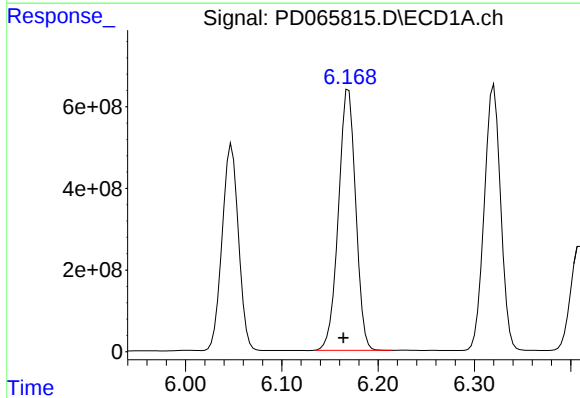
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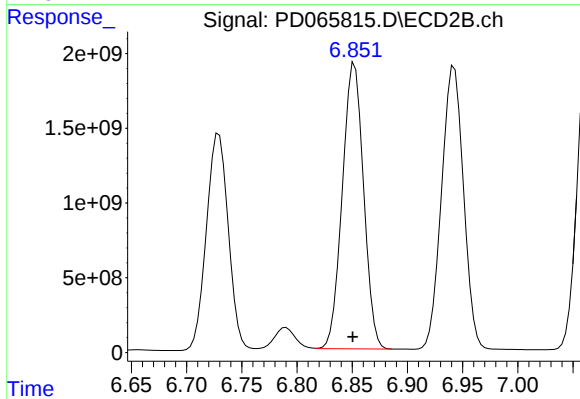
#15 Endosulfan II

R.T.: 6.944 min
Delta R.T.: 0.003 min
Response: 22240639861
Conc: 4591.50 ng/ml



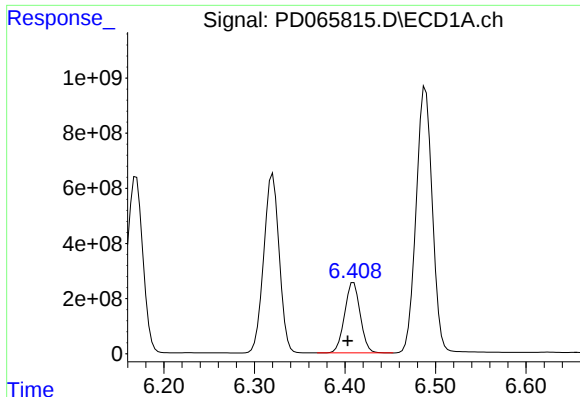
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.005 min
Response: 7944516305
Conc: 8098.82 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 25633917003
Conc: 5215.90 ng/ml m



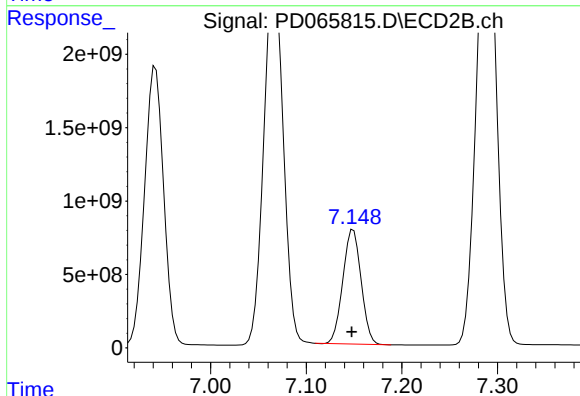
#17 4,4'-DDT

R.T.: 6.410 min
Delta R.T.: 0.007 min
Response: 3060563042
Conc: 2780.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

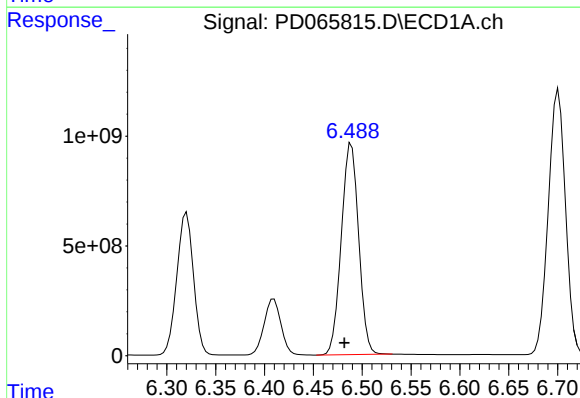
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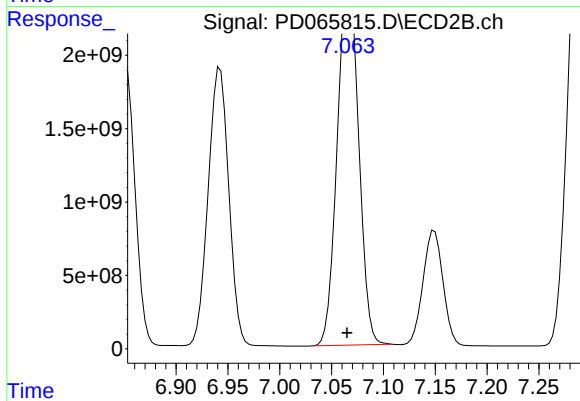
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 10342811189
Conc: 2047.52 ng/ml



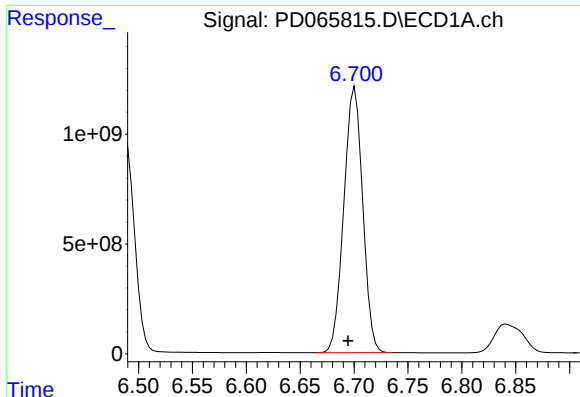
#18 Endrin aldehyde

R.T.: 6.489 min
Delta R.T.: 0.007 min
Response: 11900540814
Conc: 13427.67 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.001 min
Response: 26618931173
Conc: 6799.29 ng/ml



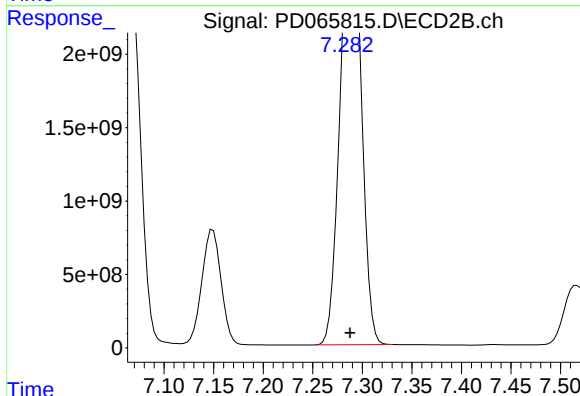
#19 Endosulfan Sulfate

R.T.: 6.699 min
Delta R.T.: 0.005 min
Response: 11207183622
Conc: 9819.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

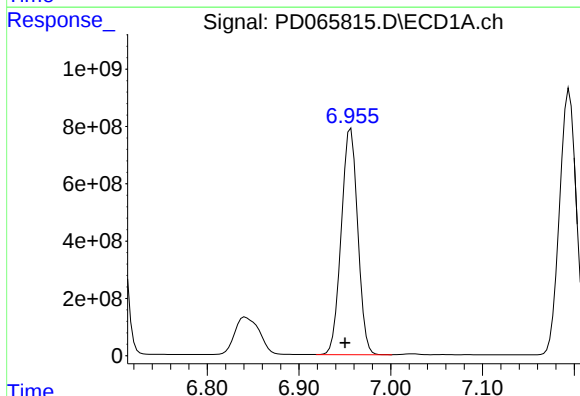
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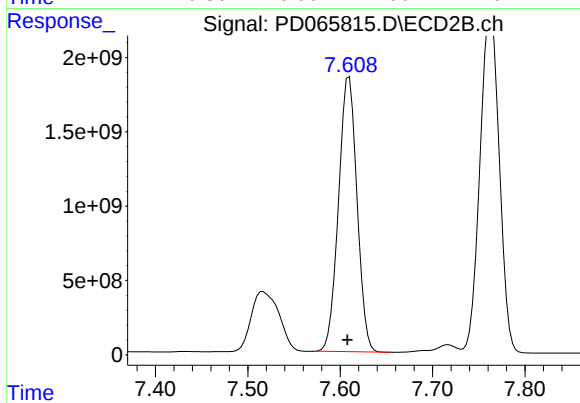
#19 Endosulfan Sulfate

R.T.: 7.289 min
Delta R.T.: 0.001 min
Response: 30880345624
Conc: 6260.84 ng/ml



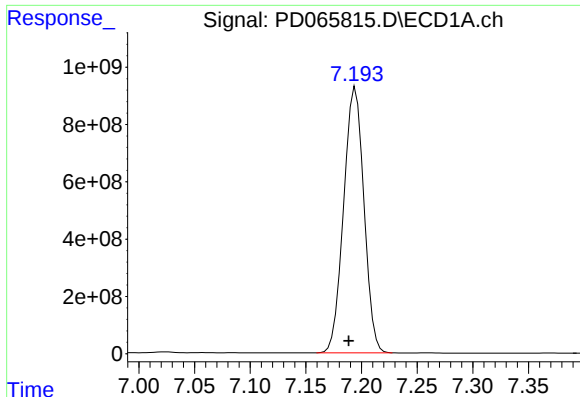
#20 Methoxychlor

R.T.: 6.957 min
Delta R.T.: 0.006 min
Response: 9842041491
Conc: 14402.43 ng/ml



#20 Methoxychlor

R.T.: 7.610 min
Delta R.T.: 0.002 min
Response: 22136207294
Conc: 8411.64 ng/ml



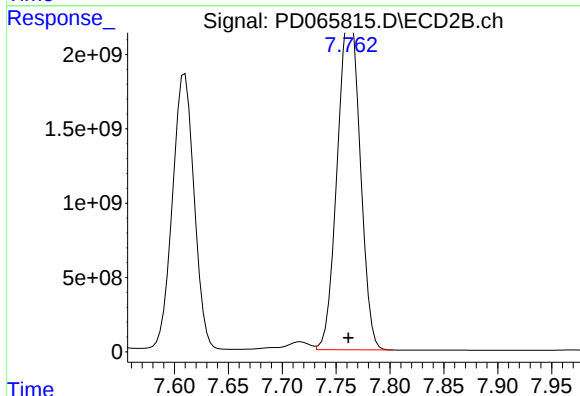
#21 Endrin ketone

R.T.: 7.195 min
Delta R.T.: 0.006 min
Response: 11770154172
Conc: 8355.63 ng/m

Instrument :
ECD_D
ClientSampleId :
PT-PEST-WP

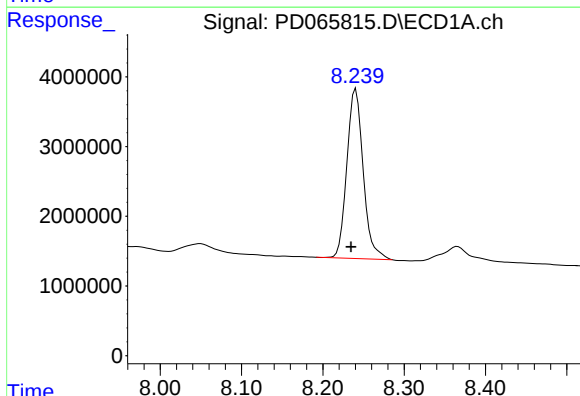
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2021
Supervised By :mohammad ahmed 09/24/2021



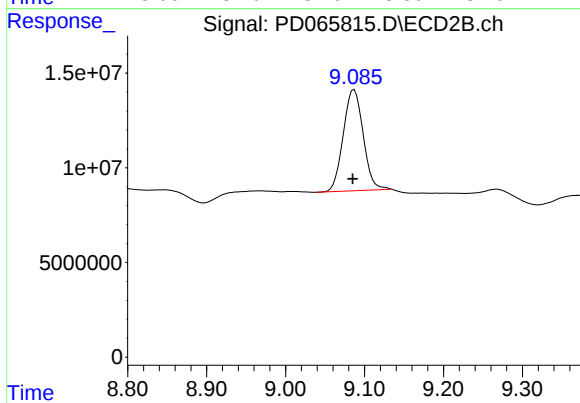
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 29155321359
Conc: 5112.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.006 min
Response: 33898245
Conc: 24.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.002 min
Response: 93981678
Conc: 24.28 ng/ml