

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092821\
 Data File : PD065941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Sep 2021 11:44
 Operator : AR\AJ
 Sample : M3950-01MS 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleID :
 HD-02-092421MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 16:19:16 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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.493	4.012	2588639	21698591	3.496	3.779
28) SA Decachlor...	8.236	9.087	3871527	12269548	2.834	3.170
Target Compounds						
2) A alpha-BHC	3.932	4.407	7925406	64787605	7.057	7.705
3) MA gamma-BHC...	4.215	4.693	8067311	59732873	7.194	7.732
4) MA Heptachlor	4.513	5.197	9187316	58155734	7.702	8.015
5) MB Aldrin	4.760	5.503	8088500	53102808	7.230	7.893
6) B beta-BHC	4.464	4.870	5733423	28558347	10.043	7.727
7) B delta-BHC	4.668	5.087	5999213	47211814	5.307	6.560
8) B Heptachlo...	5.203	5.893	8894543	40114248	7.943	7.762
9) A Endosulfan I	5.542	6.250	8170812	44414547	7.513	8.036
10) B gamma-Chl...	5.428	6.125	9257068	49011469	7.666	8.172m
11) B alpha-Chl...	5.486	6.198	9268545	48087523	7.830	8.012
12) B 4,4'-DDE	5.649	6.356	7818403	47022849	7.183	8.153
13) MA Dieldrin	5.785	6.509	9032770	46429529	7.793	7.879
14) MA Endrin	6.042	6.727	8087838	40382907	7.643	8.191
15) B Endosulfa...	6.315	6.941	8614405	38850529	7.974	8.021
16) A 4,4'-DDD	6.165	6.851	7000267	38877648	7.136	7.911
17) MA 4,4'-DDT	6.405	7.149	7714625	38036117	7.009	7.530
18) B Endrin al...	6.484	7.066	7413266	31530171	8.365	8.054
19) B Endosulfa...	6.695	7.288	8794029	37422938	7.705	7.587
20) A Methoxychlor	6.951	7.608	4597862	21964096	6.728	8.346
21) B Endrin ke...	7.189	7.762	9943475	48196524	7.059	8.451
22) Mirex	7.373	8.211	11110491	35065233	9.202	8.880

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092821\
Data File : PD065941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2021 11:44
Operator : AR\AJ
Sample : M3950-01MS 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

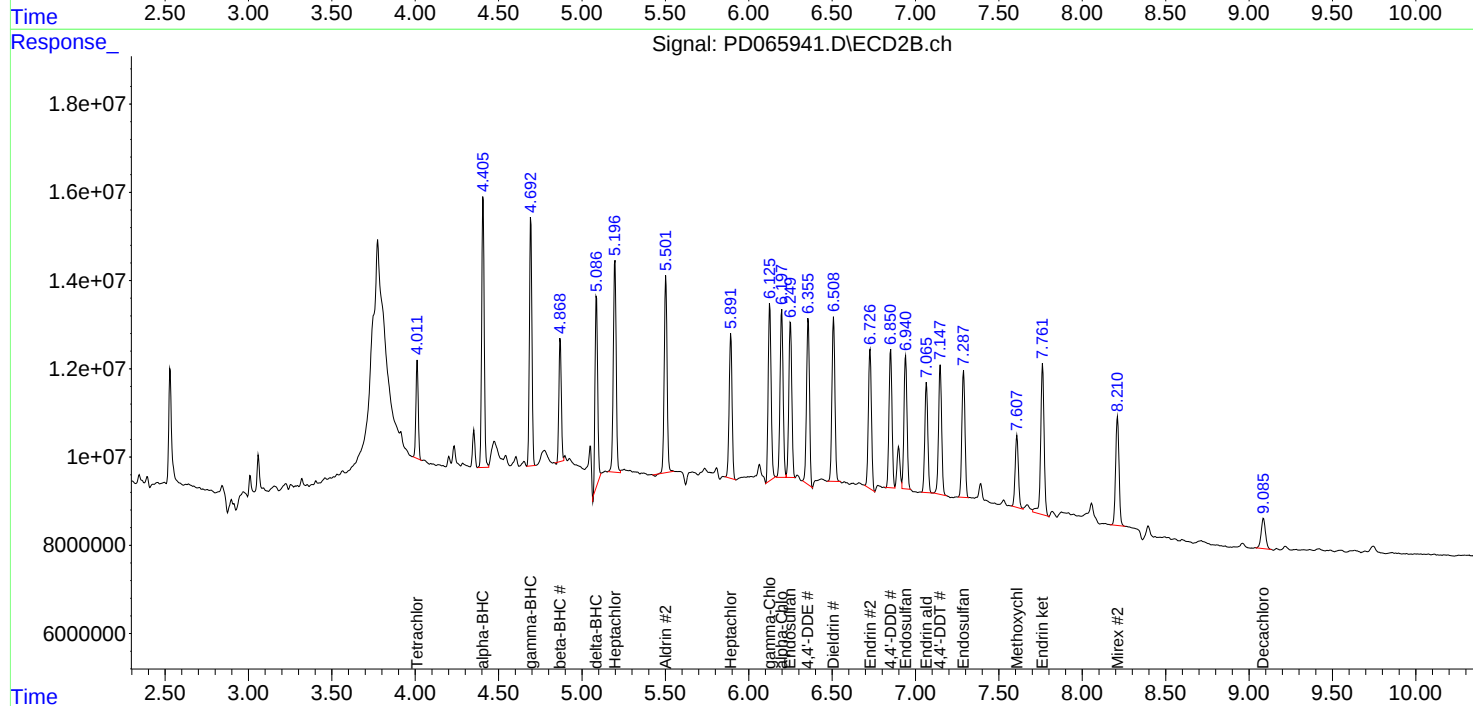
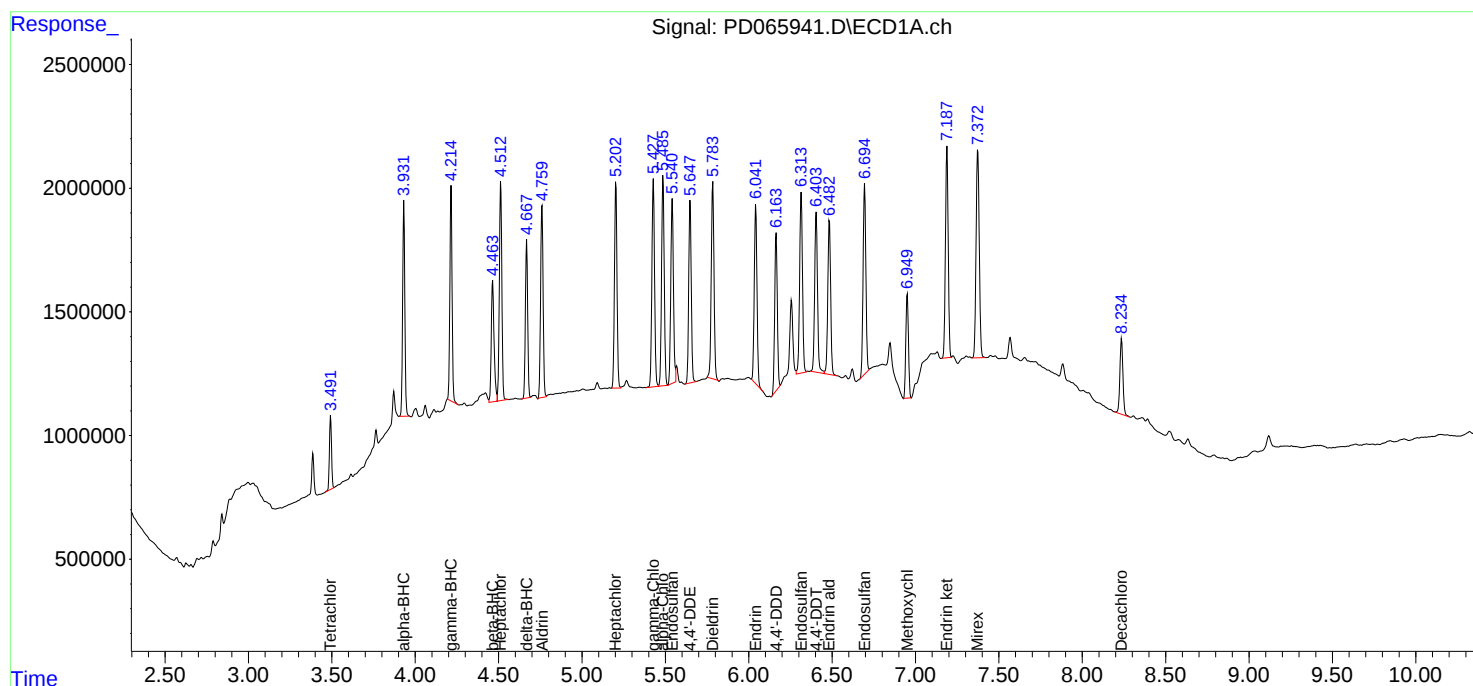
Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

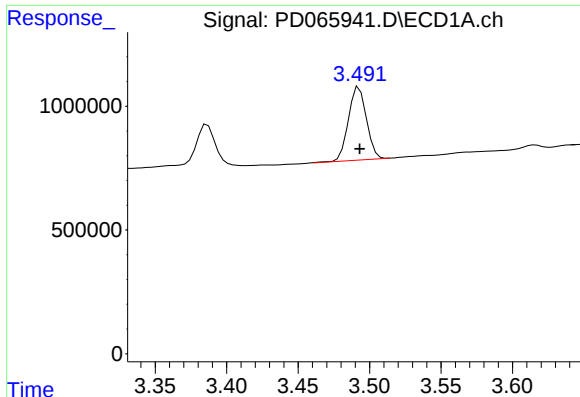
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 16:19:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
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Volume 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





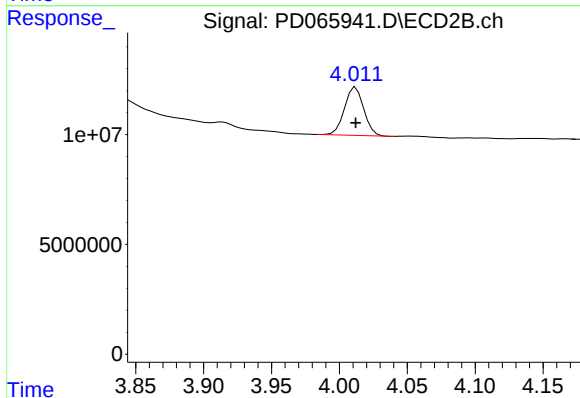
#1 Tetrachloro-m-xylene

R.T.: 3.493 min
Delta R.T.: 0.000 min
Response: 2588639
Conc: 3.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

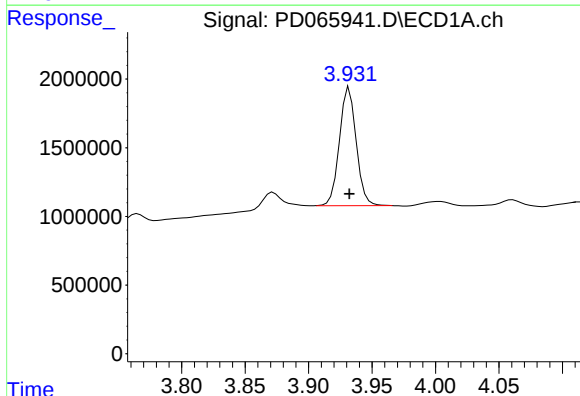
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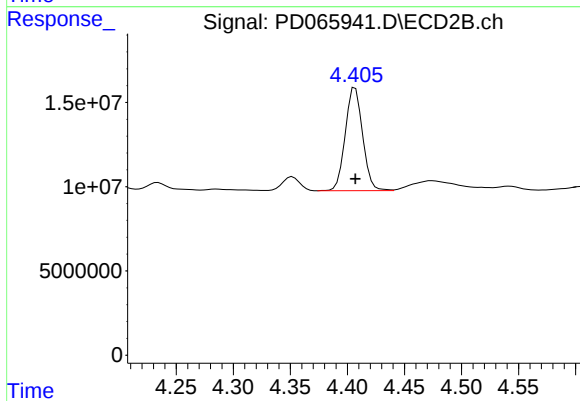
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 21698591
Conc: 3.78 ng/ml



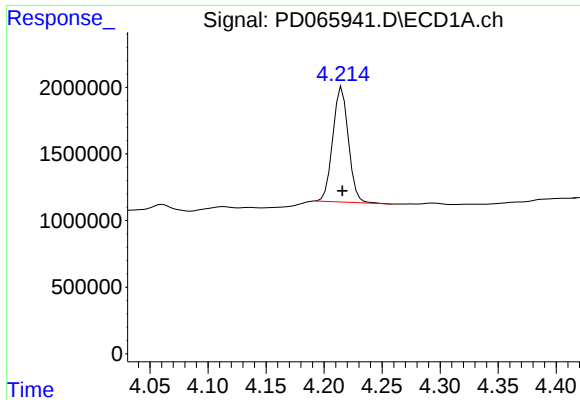
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 7925406
Conc: 7.06 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 64787605
Conc: 7.71 ng/ml



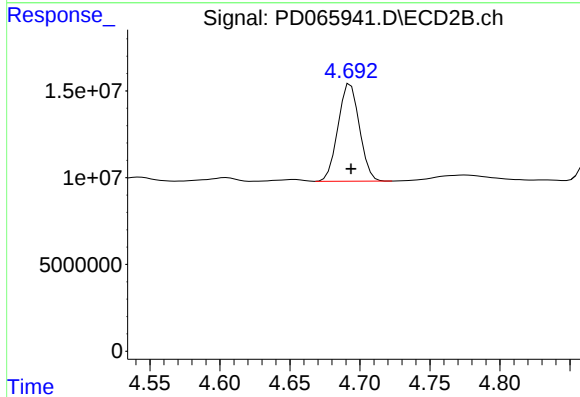
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 8067311
Conc: 7.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

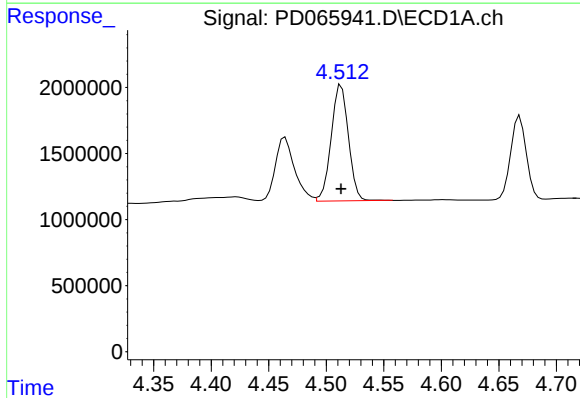
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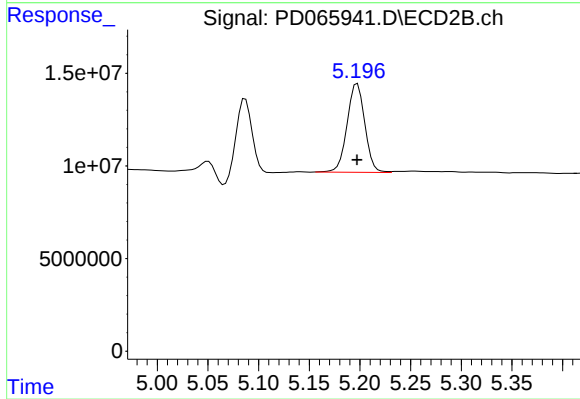
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 59732873
Conc: 7.73 ng/ml



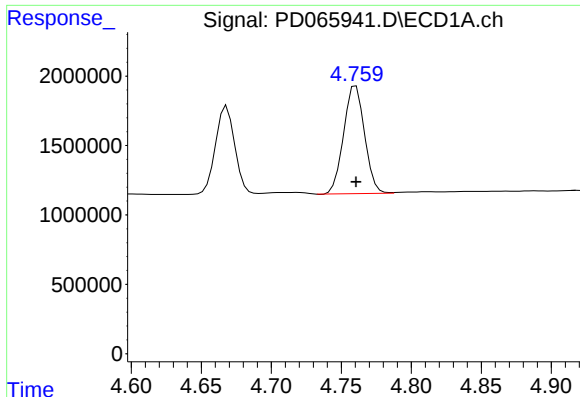
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 9187316
Conc: 7.70 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 58155734
Conc: 8.02 ng/ml



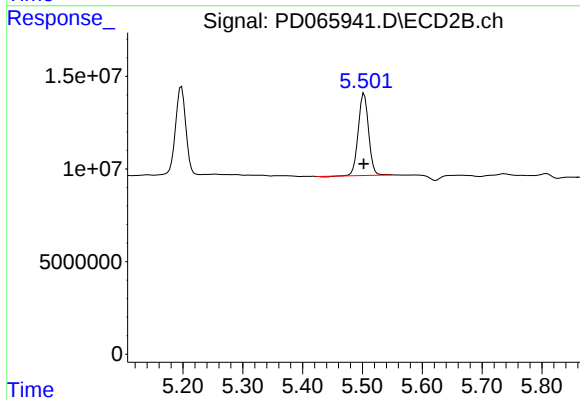
#5 Aldrin

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 8088500
Conc: 7.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

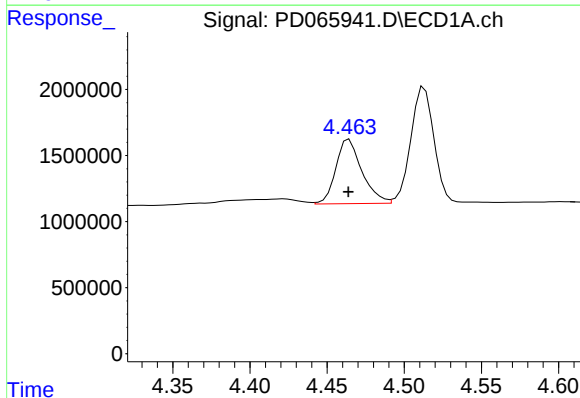
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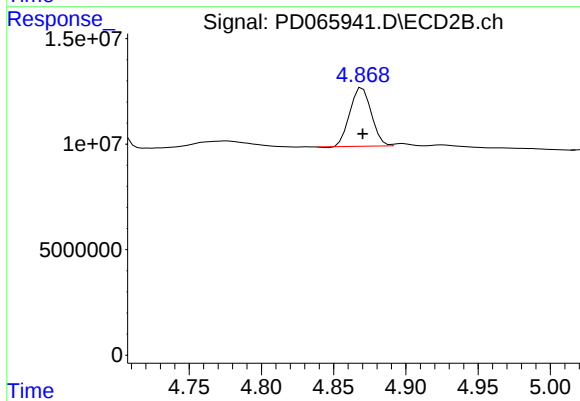
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 53102808
Conc: 7.89 ng/ml



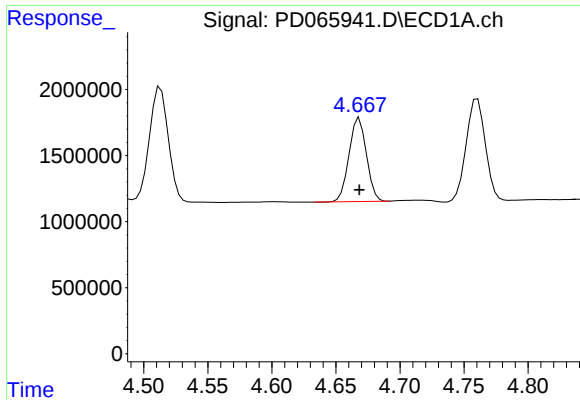
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 5733423
Conc: 10.04 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 28558347
Conc: 7.73 ng/ml



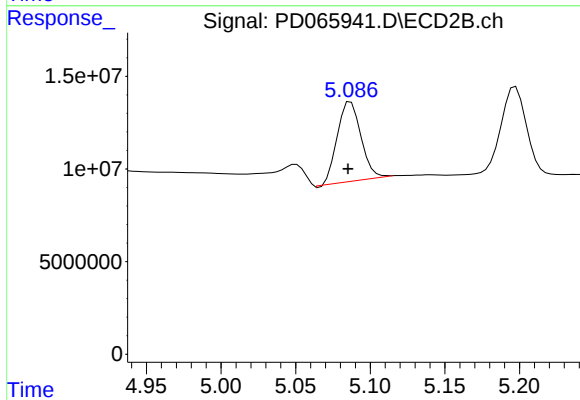
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 5999213
Conc: 5.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

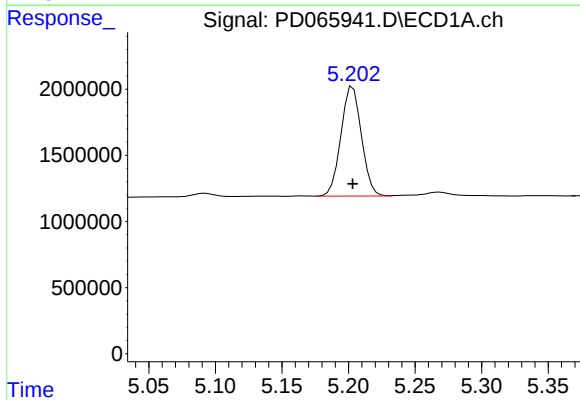
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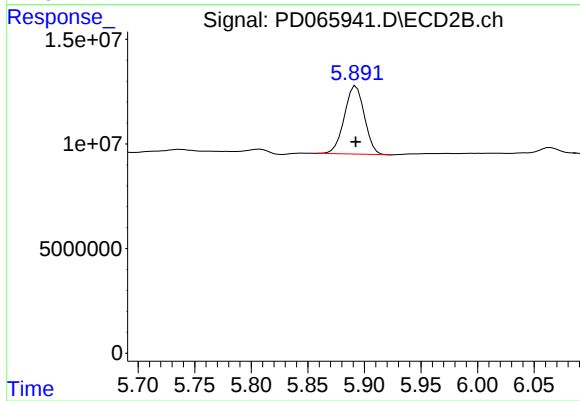
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.002 min
Response: 47211814
Conc: 6.56 ng/ml



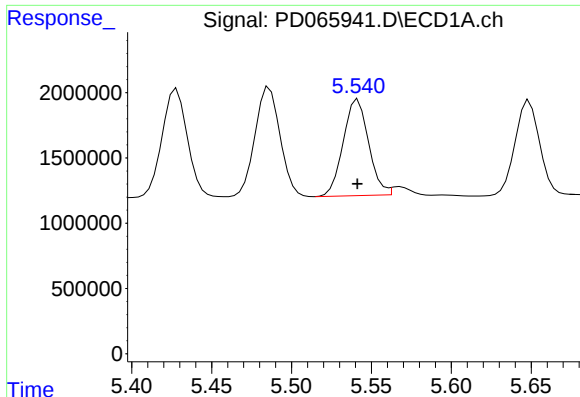
#8 Heptachlor epoxide

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 8894543
Conc: 7.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 40114248
Conc: 7.76 ng/ml



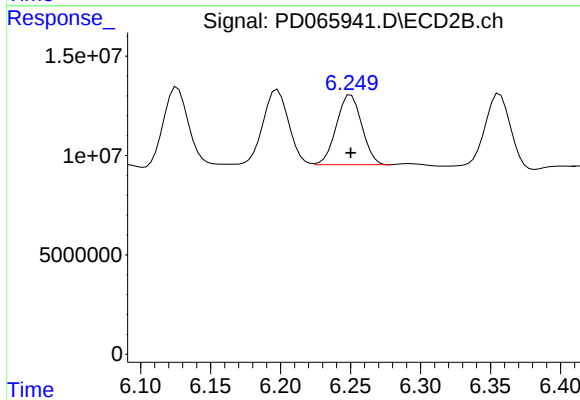
#9 Endosulfan I

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 8170812
Conc: 7.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

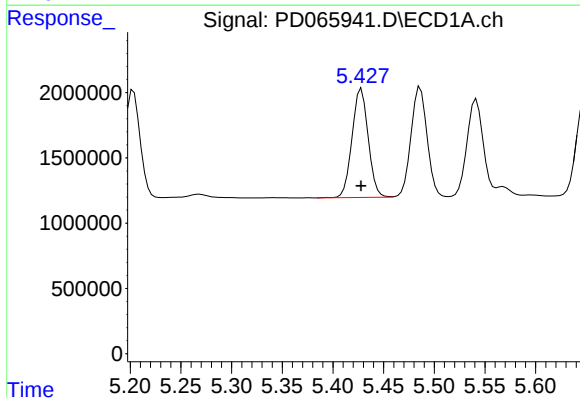
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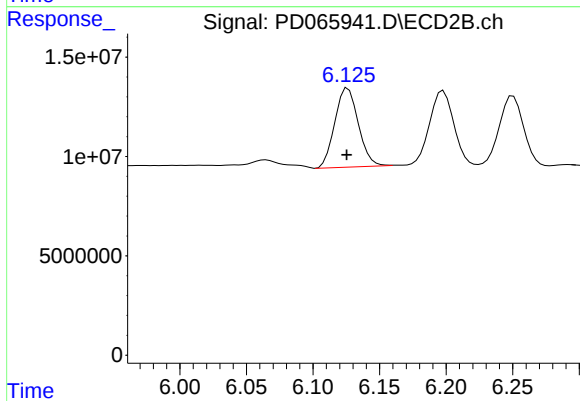
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 44414547
Conc: 8.04 ng/ml



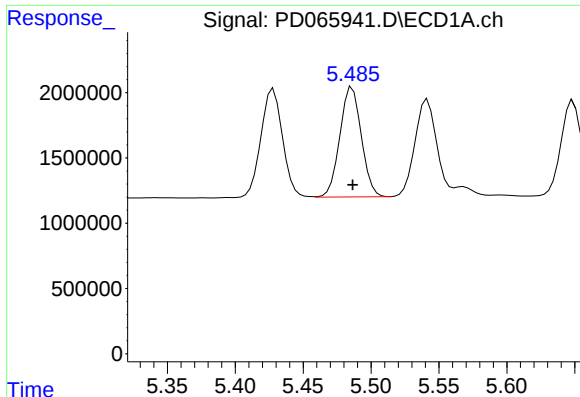
#10 gamma-Chlordane

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 9257068
Conc: 7.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 49011469
Conc: 8.17 ng/ml m



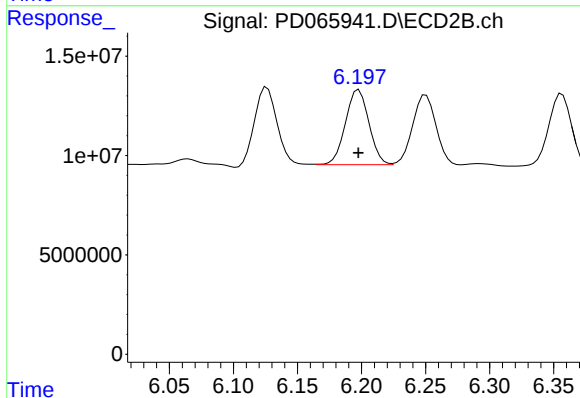
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 9268545
Conc: 7.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

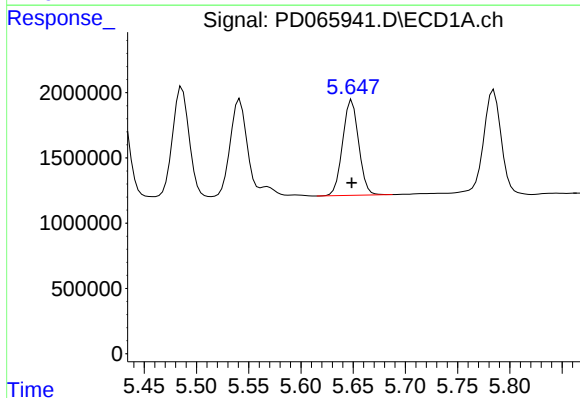
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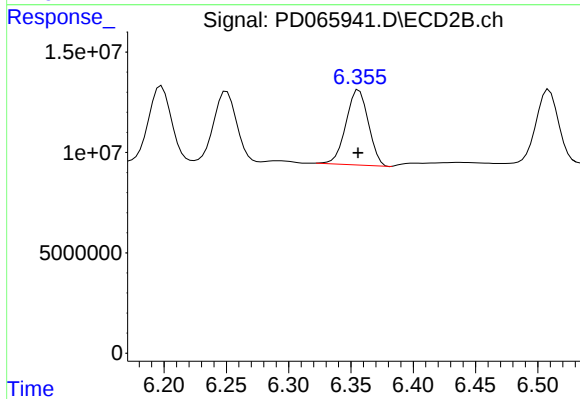
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 48087523
Conc: 8.01 ng/ml



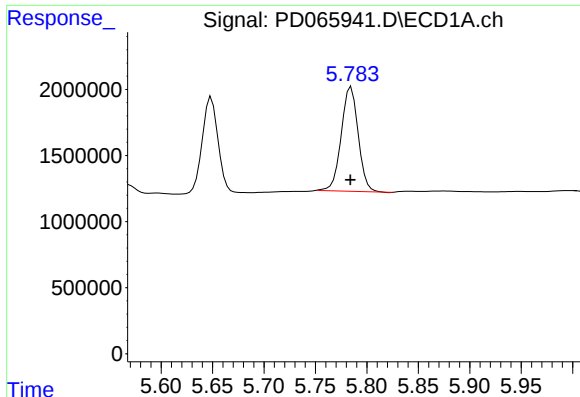
#12 4,4'-DDE

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 7818403
Conc: 7.18 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 47022849
Conc: 8.15 ng/ml



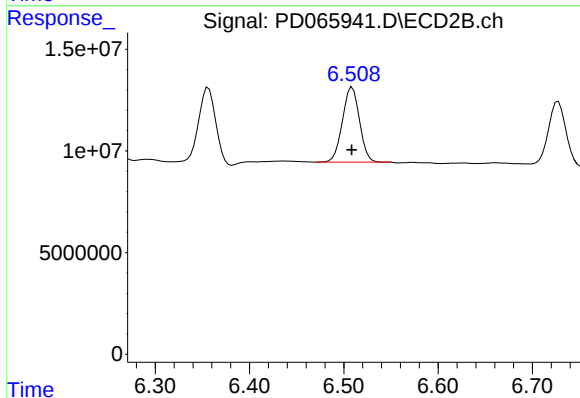
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 9032770
Conc: 7.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

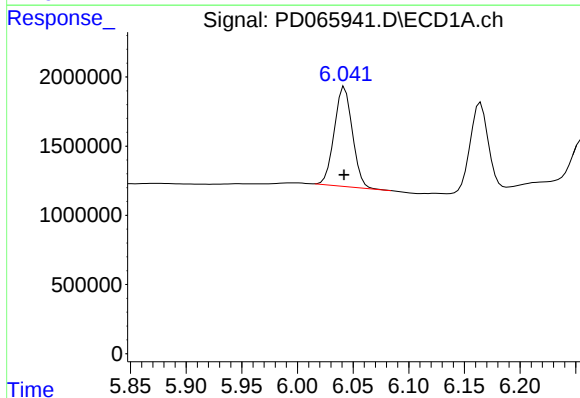
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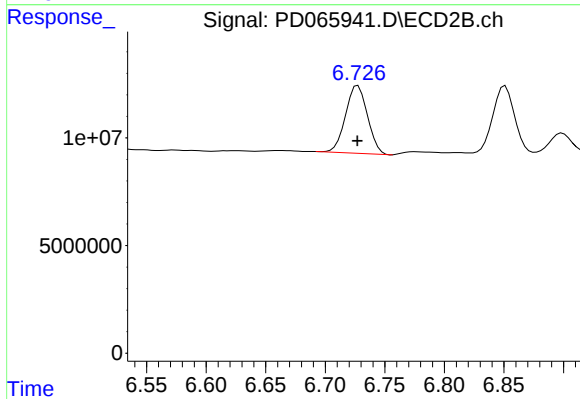
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 46429529
Conc: 7.88 ng/ml



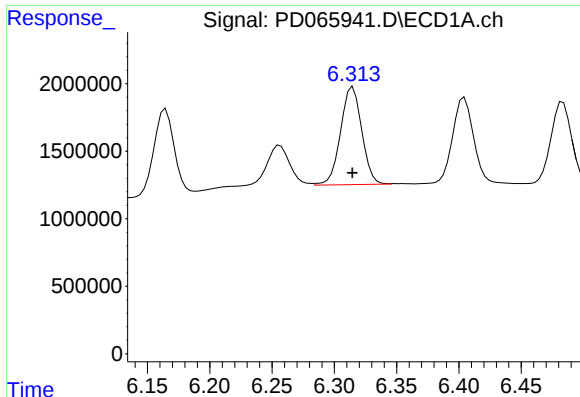
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 8087838
Conc: 7.64 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 40382907
Conc: 8.19 ng/ml



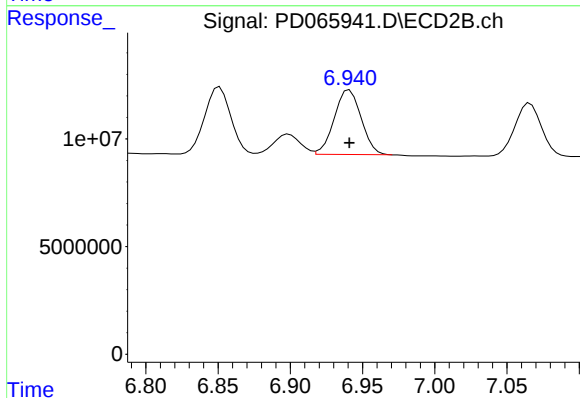
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 8614405
Conc: 7.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
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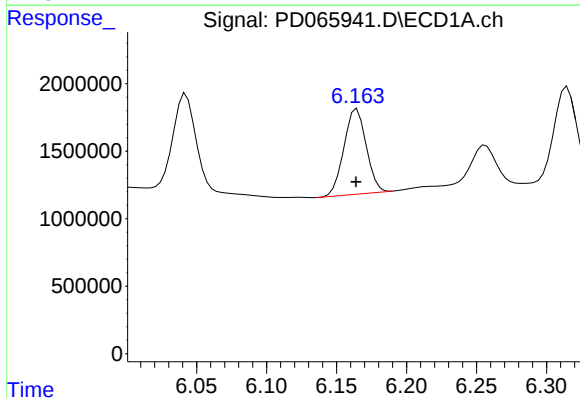
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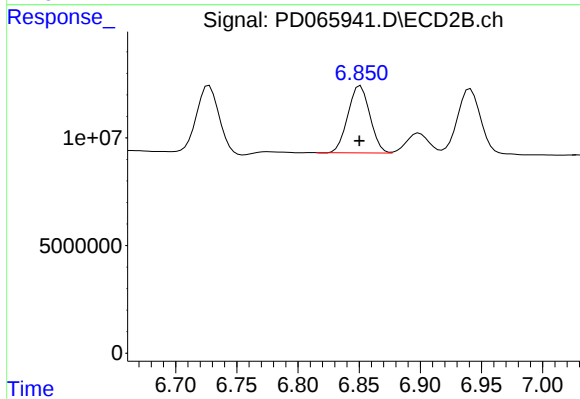
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 38850529
Conc: 8.02 ng/ml



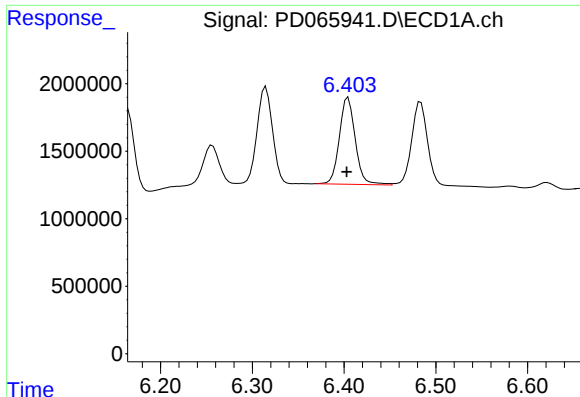
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 7000267
Conc: 7.14 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 38877648
Conc: 7.91 ng/ml



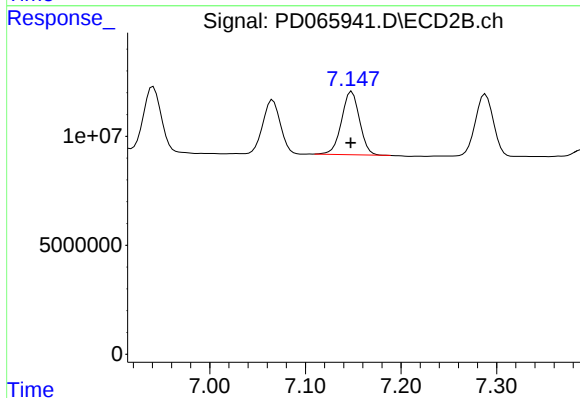
#17 4,4'-DDT

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 7714625
Conc: 7.01 ng/ml

Instrument :
ECD_D
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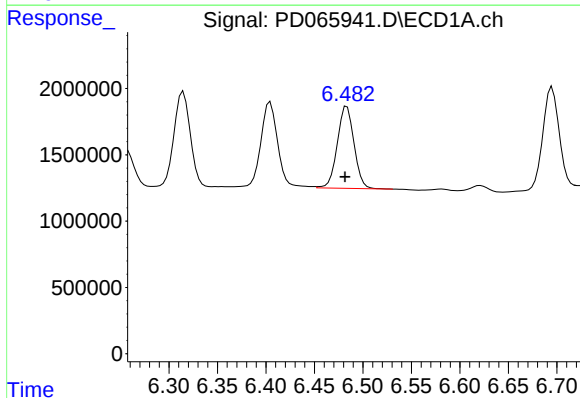
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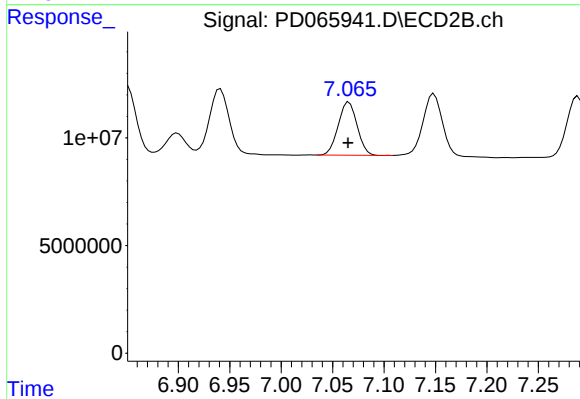
#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 38036117
Conc: 7.53 ng/ml



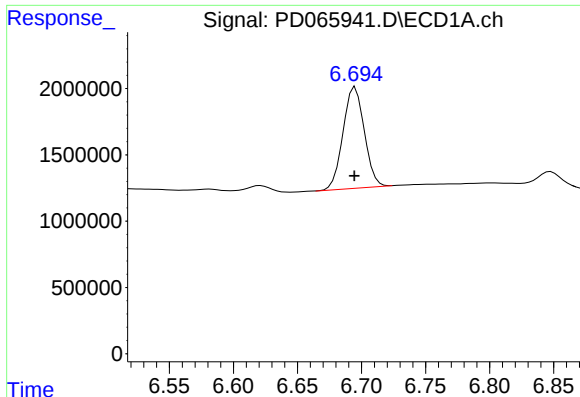
#18 Endrin aldehyde

R.T.: 6.484 min
Delta R.T.: 0.002 min
Response: 7413266
Conc: 8.36 ng/ml



#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 31530171
Conc: 8.05 ng/ml



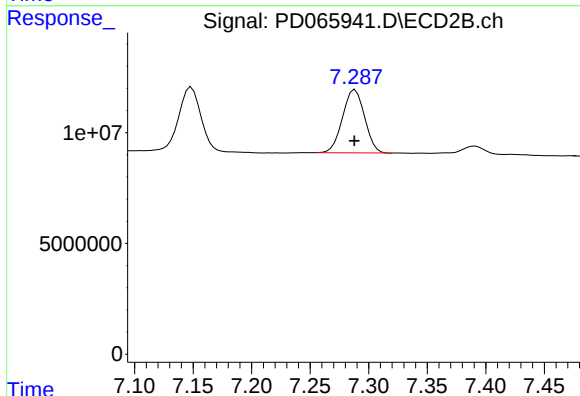
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 8794029
Conc: 7.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

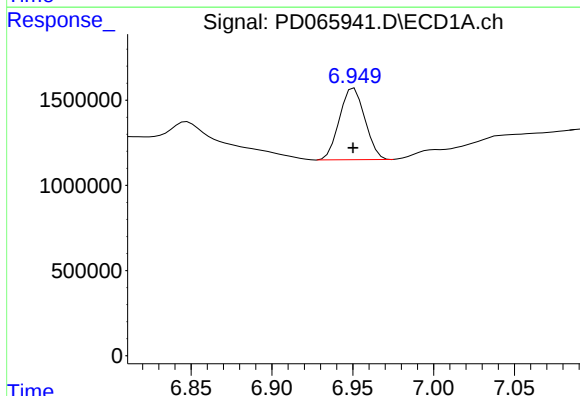
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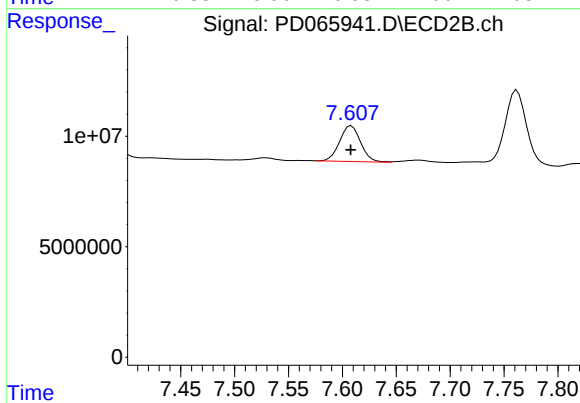
#19 Endosulfan Sulfate

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 37422938
Conc: 7.59 ng/ml



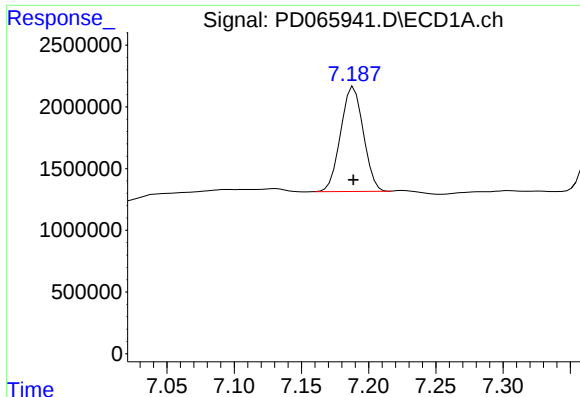
#20 Methoxychlor

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 4597862
Conc: 6.73 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 21964096
Conc: 8.35 ng/ml



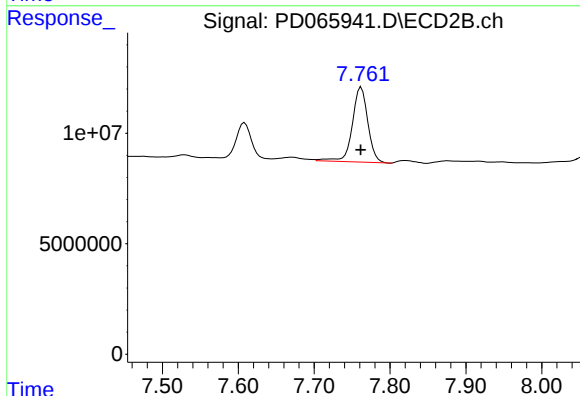
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 9943475
Conc: 7.06 ng/ml

Instrument :
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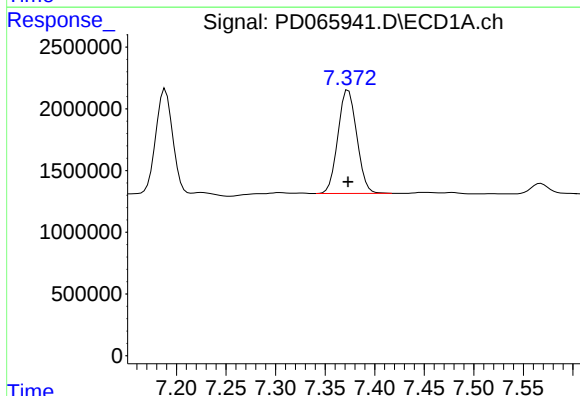
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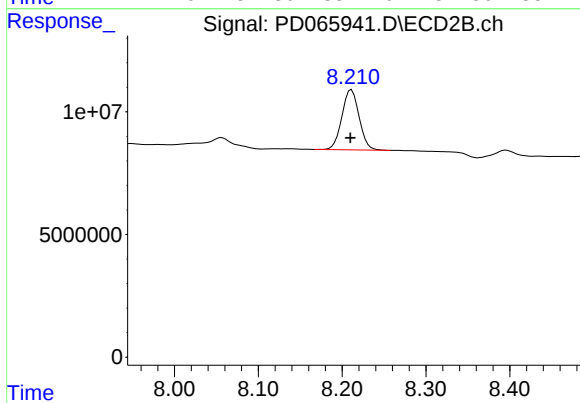
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 48196524
Conc: 8.45 ng/ml



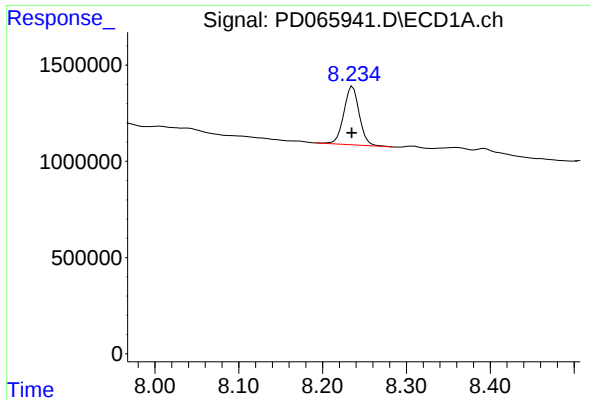
#22 Mirex

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 11110491
Conc: 9.20 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: 0.001 min
Response: 35065233
Conc: 8.88 ng/ml



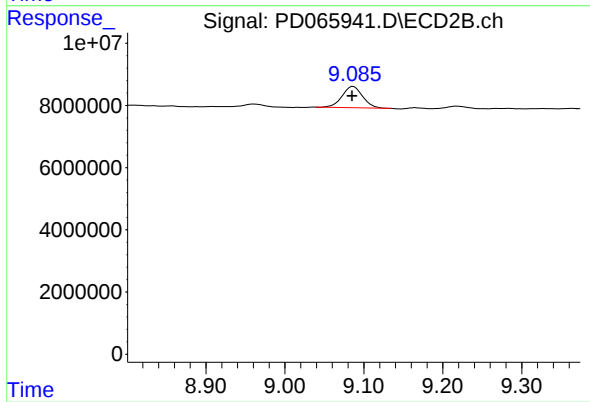
#28 Decachlorobiphenyl

R.T.: 8.236 min
Delta R.T.: 0.001 min
Response: 3871527
Conc: 2.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
HD-02-092421MS

Manual Integrations
APPROVED

mohammad
9/29/2021 9:31:59 AM



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.002 min
Response: 12269548
Conc: 3.17 ng/ml