

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052422\
 Data File : PD069799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2022 20:19
 Operator : AR\AJ
 Sample : N2896-04MSD 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P038-SS001-0006-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/25/2022
 Supervised By :Ankita Jodhani 05/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 02:41:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 2022
 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...	3.442	4.169	2559119	24340555	2.554	2.548m
28) SA Decachlor...	8.194	9.363	2213570	15061203	2.052	2.513
Target Compounds						
2) A alpha-BHC	3.881	4.565	8709720	94794937	5.832	6.796m
3) MA gamma-BHC...	4.163	4.856	12115090	86378839	8.206m	6.745m
4) MA Heptachlor	4.461	5.384	8447030	83182885	6.031	6.697
5) MB Aldrin	4.707	5.697	8359932	81011071	6.205	6.724
6) B beta-BHC	4.415	5.019	4546189	36423263	6.980	6.487m
7) B delta-BHC	4.618	5.247	8038116	42403650	5.755	4.701
8) B Heptachlo...	5.152	6.085	7802309	38782136	6.162	4.346 #
9) A Endosulfan I	5.490	6.446	7189147	63630185	6.061	6.420m
10) B gamma-Chl...	5.377	6.320	7971749	69015732	6.232	6.448m
11) B alpha-Chl...	5.436	6.394	7818744	70942443	6.179	6.760m
12) B 4,4'-DDE	5.601	6.545	6825184	63834679	5.897	6.431m
13) MA Dieldrin	5.734	6.705	7980011	67693075	6.455	6.612
14) MA Endrin	5.992	6.926	7369752	54036359	6.633	6.648
15) B Endosulfa...	6.266	7.131	7098051	60843046	6.786	7.397
16) A 4,4'-DDD	6.119	7.037	5887724	54765534	5.914	6.759
17) MA 4,4'-DDT	6.358	7.340	5640085	53216760	5.875	6.471
18) B Endrin al...	6.435	7.255	6026576	45102033	7.008	7.069
19) B Endosulfa...	6.647	7.479	7175332	56111419	6.523	7.024
20) A Methoxychlor	6.907	7.794	3468363	26645985	6.017m	6.462
21) B Endrin ke...	7.141	7.953	7206459	54682837	5.753	6.546m
22) Mirex	7.323	8.420	6026030	34794193	6.020	5.925

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052422\
 Data File : PD069799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2022 20:19
 Operator : AR\AJ
 Sample : N2896-04MSD 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

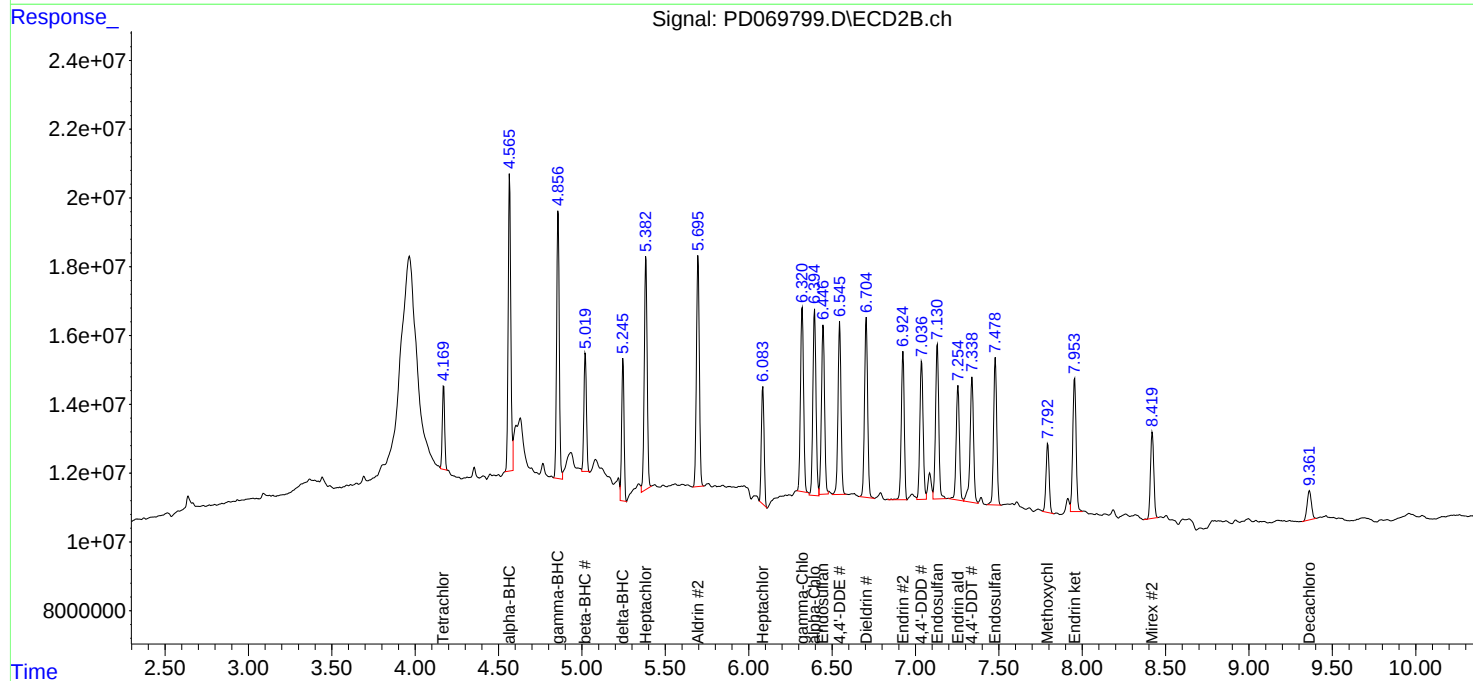
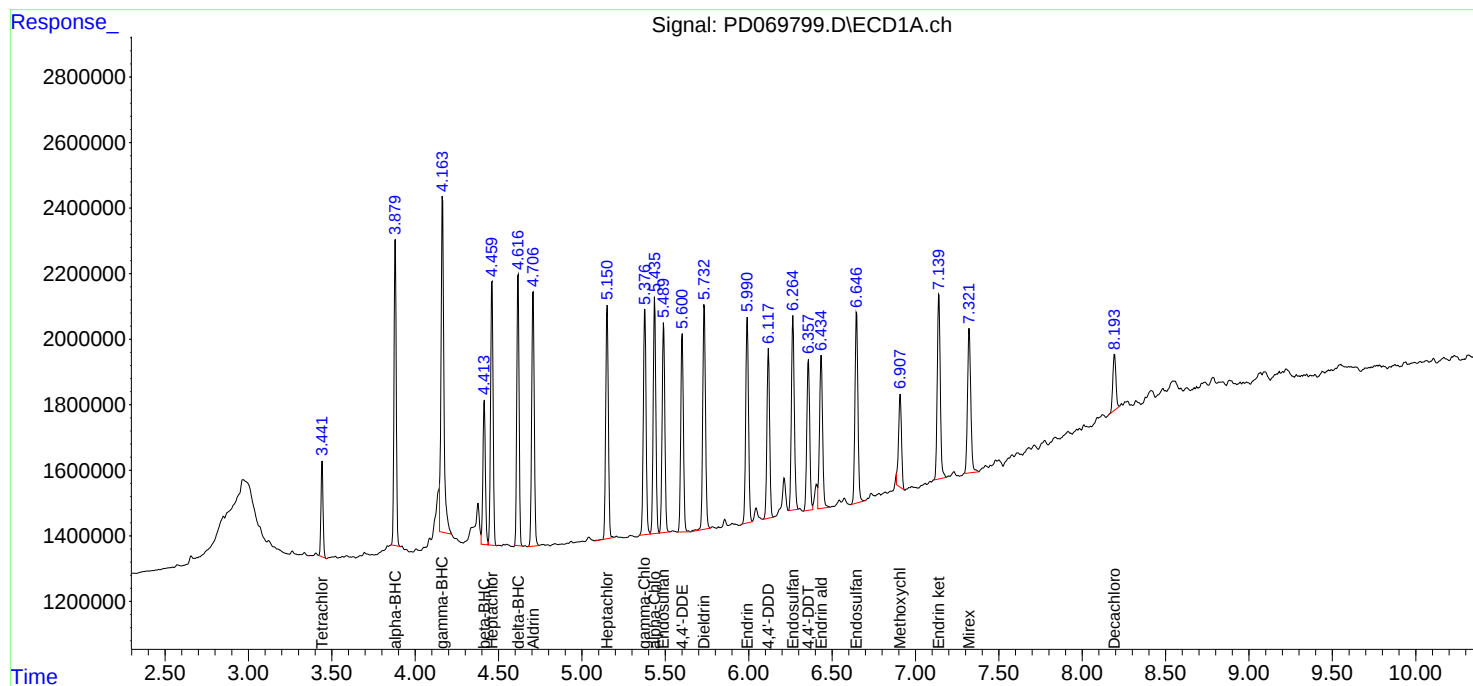
Instrument :
 ECD_D
 ClientSampleId :
 P038-SS001-0006-01MSD

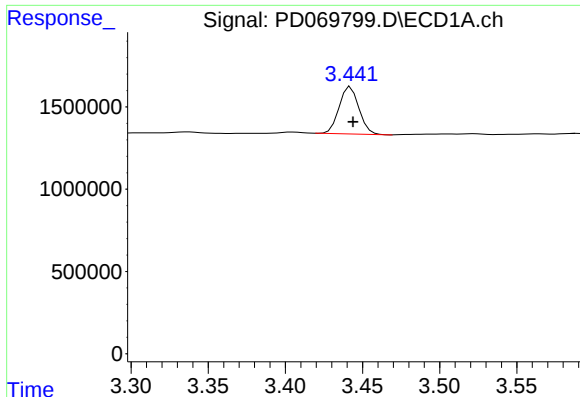
Manual Integrations
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Reviewed By : Abdul Mirza 05/25/2022
 Supervised By : Ankita Jodhani 05/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
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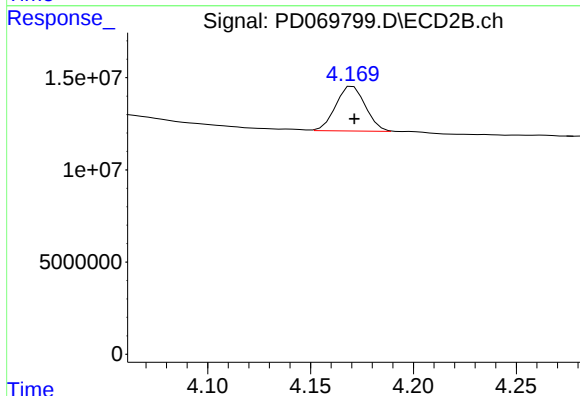
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: -0.002 min
Response: 2559119
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

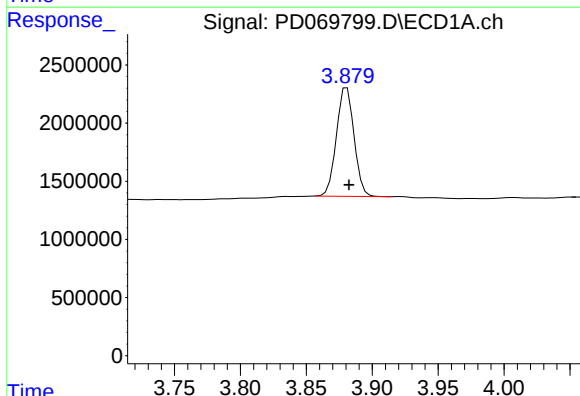
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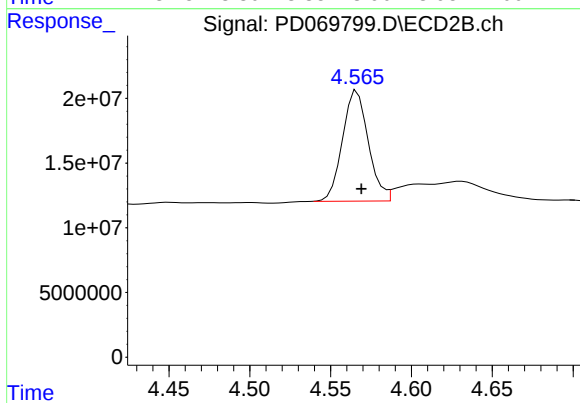
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: -0.002 min
Response: 24340555
Conc: 2.55 ng/ml m



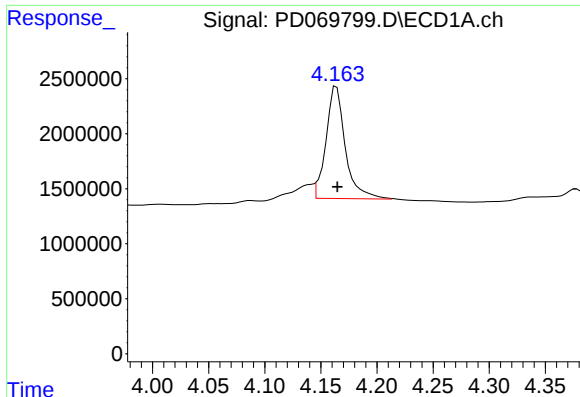
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.002 min
Response: 8709720
Conc: 5.83 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: -0.004 min
Response: 94794937
Conc: 6.80 ng/ml m



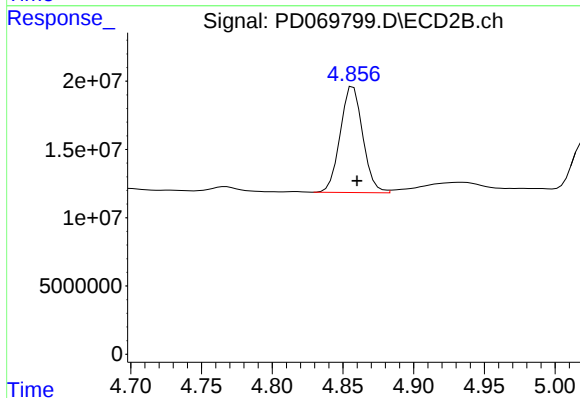
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: -0.002 min
Response: 12115090
Conc: 8.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

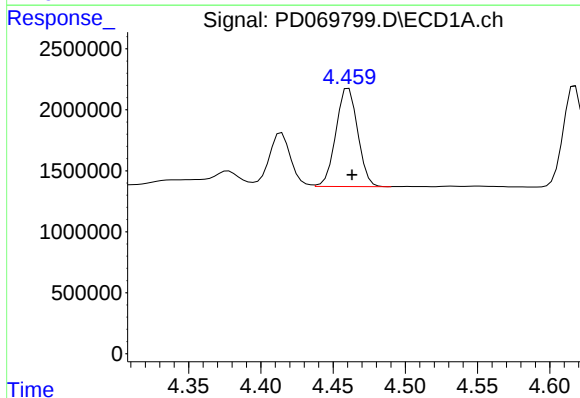
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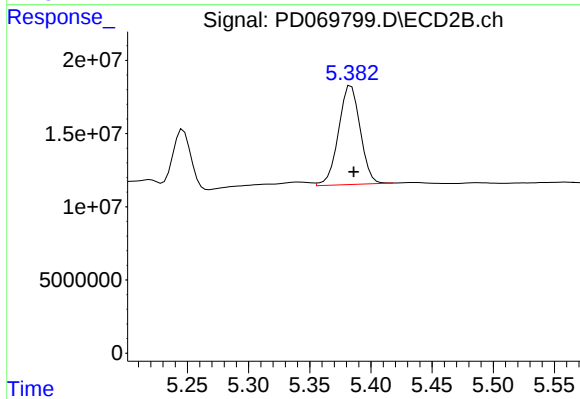
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: -0.004 min
Response: 86378839
Conc: 6.74 ng/ml m



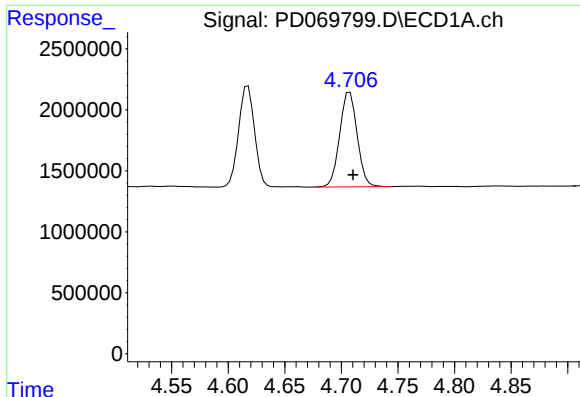
#4 Heptachlor

R.T.: 4.461 min
Delta R.T.: -0.002 min
Response: 8447030
Conc: 6.03 ng/ml



#4 Heptachlor

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 83182885
Conc: 6.70 ng/ml



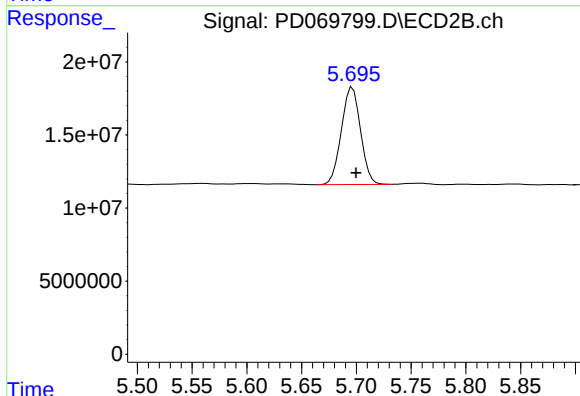
#5 Aldrin

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 8359932
Conc: 6.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

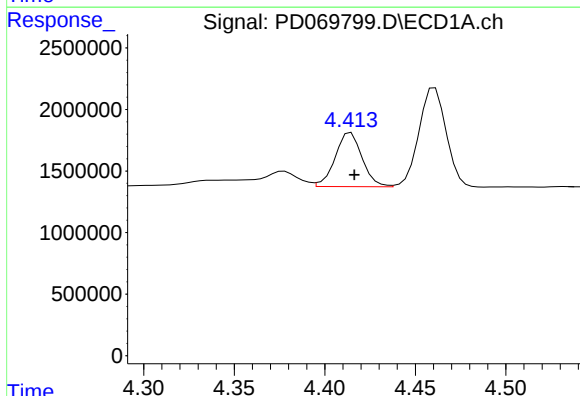
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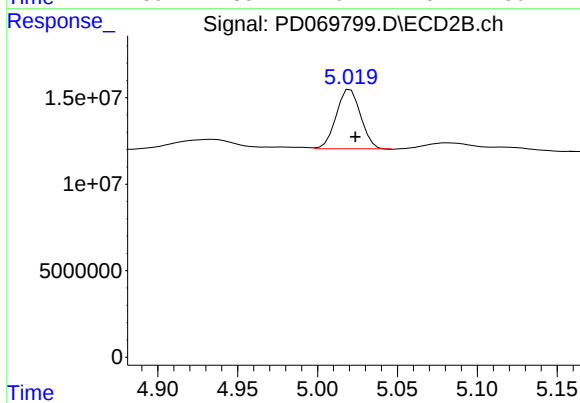
#5 Aldrin

R.T.: 5.697 min
Delta R.T.: -0.003 min
Response: 81011071
Conc: 6.72 ng/ml



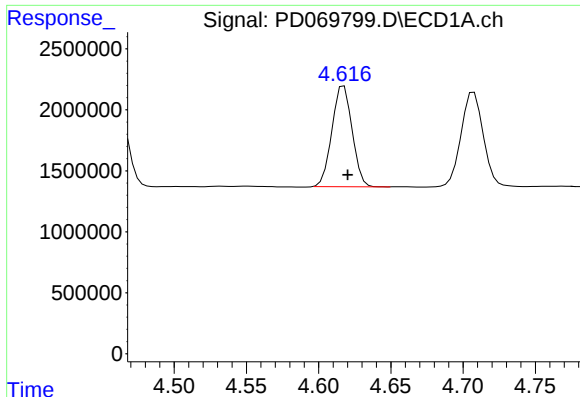
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: -0.002 min
Response: 4546189
Conc: 6.98 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 36423263
Conc: 6.49 ng/ml m



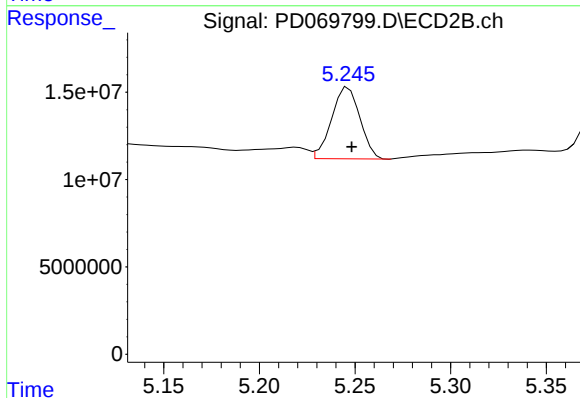
#7 delta-BHC

R.T.: 4.618 min
Delta R.T.: -0.003 min
Response: 8038116
Conc: 5.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

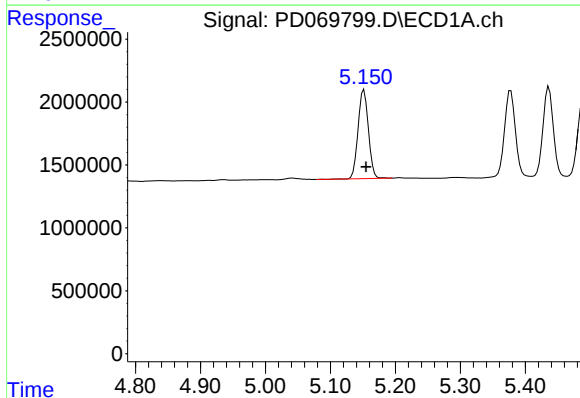
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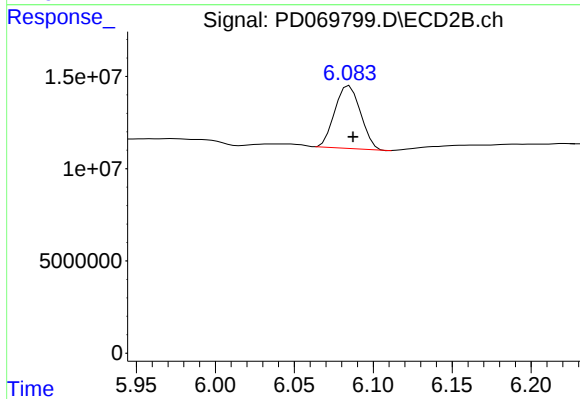
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: -0.002 min
Response: 42403650
Conc: 4.70 ng/ml



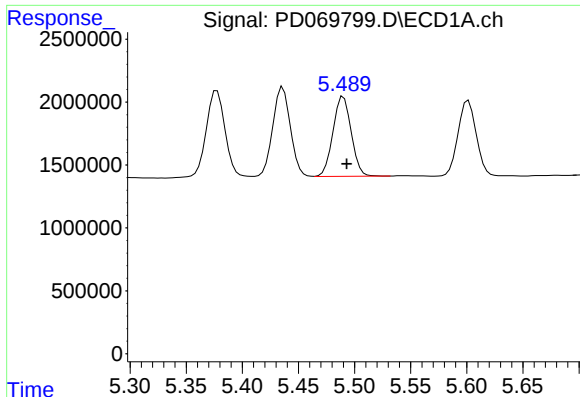
#8 Heptachlor epoxide

R.T.: 5.152 min
Delta R.T.: -0.003 min
Response: 7802309
Conc: 6.16 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 38782136
Conc: 4.35 ng/ml



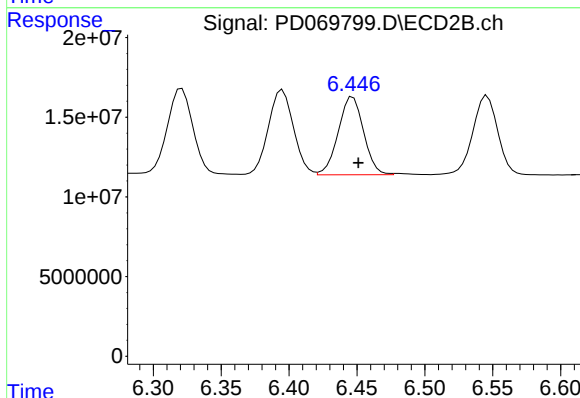
#9 Endosulfan I

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 7189147
Conc: 6.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

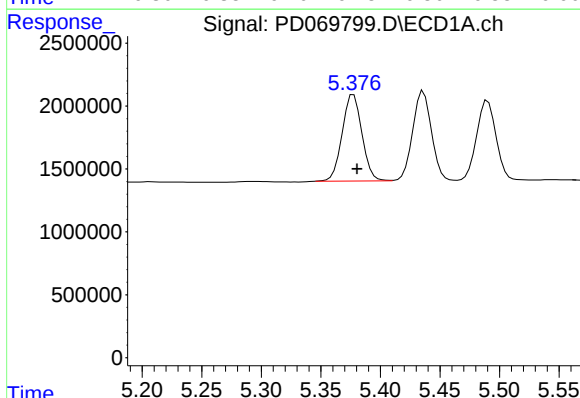
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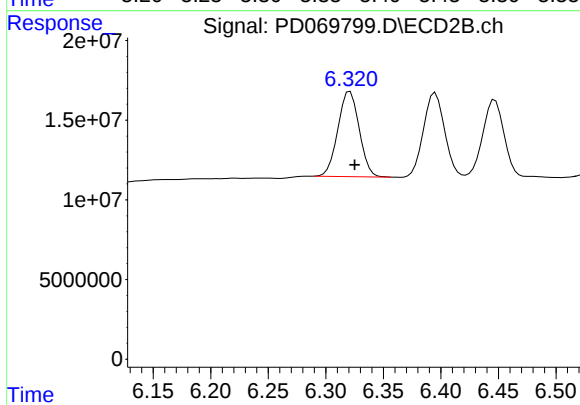
#9 Endosulfan I

R.T.: 6.446 min
Delta R.T.: -0.006 min
Response: 63630185
Conc: 6.42 ng/ml m



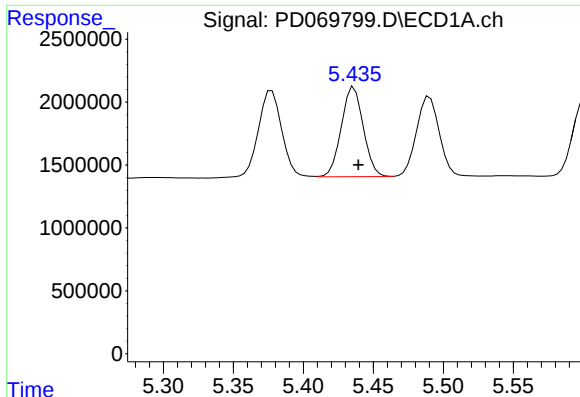
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 7971749
Conc: 6.23 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min
Delta R.T.: -0.006 min
Response: 69015732
Conc: 6.45 ng/ml m



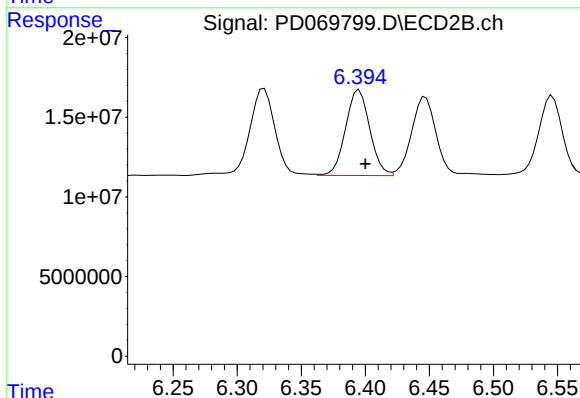
#11 alpha-Chlordane

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 7818744
Conc: 6.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
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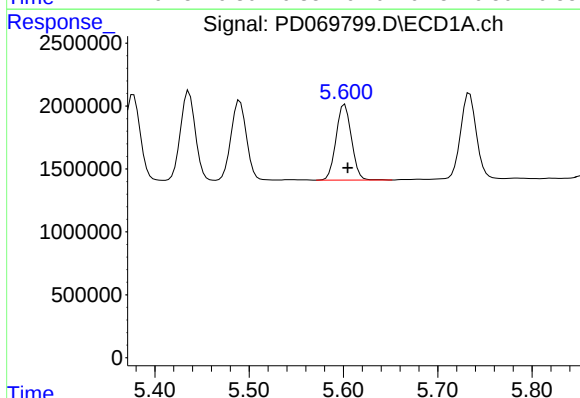
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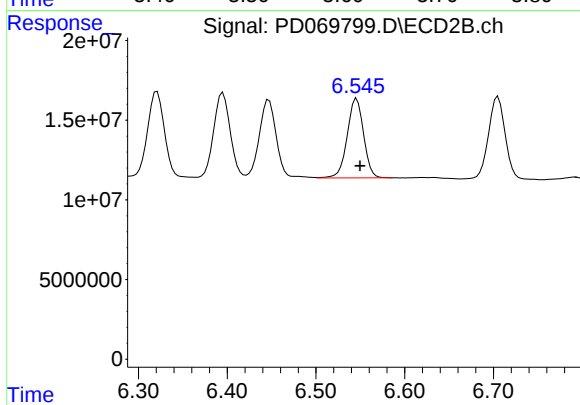
#11 alpha-Chlordane

R.T.: 6.394 min
Delta R.T.: -0.006 min
Response: 70942443
Conc: 6.76 ng/ml m



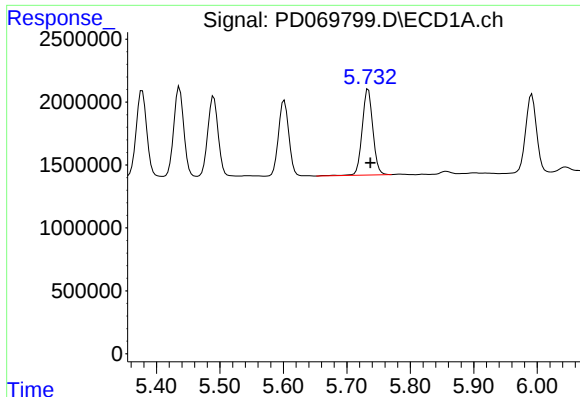
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: -0.003 min
Response: 6825184
Conc: 5.90 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 63834679
Conc: 6.43 ng/ml m



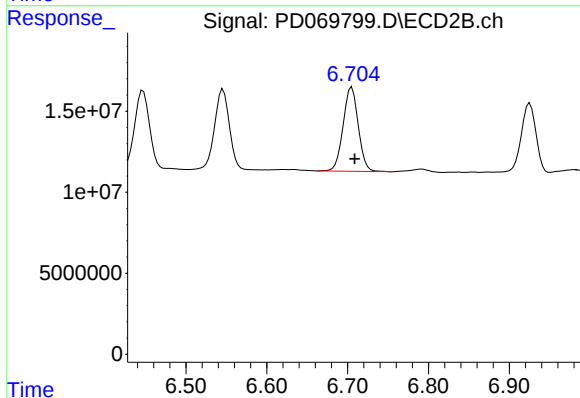
#13 Dieldrin

R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 7980011
Conc: 6.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

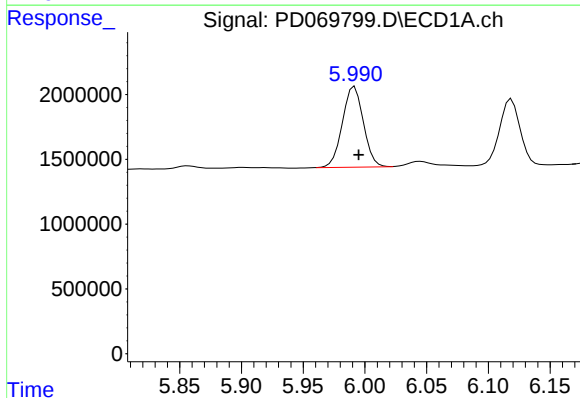
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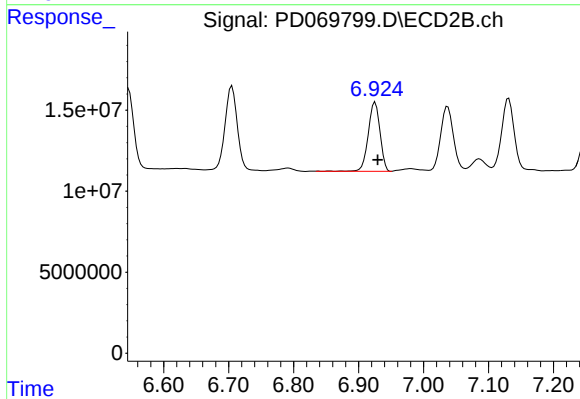
#13 Dieldrin

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 67693075
Conc: 6.61 ng/ml



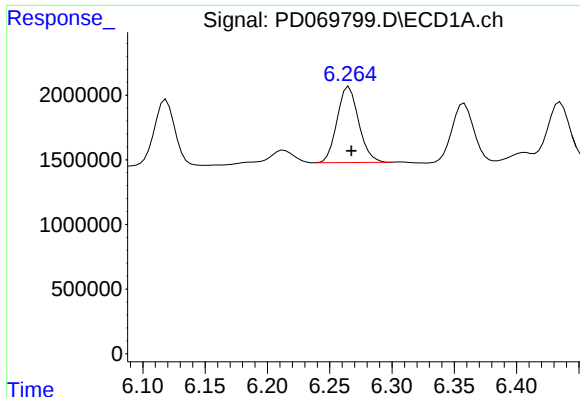
#14 Endrin

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 7369752
Conc: 6.63 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 54036359
Conc: 6.65 ng/ml



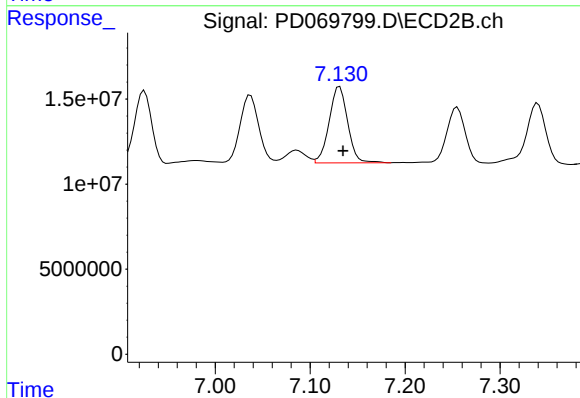
#15 Endosulfan II

R.T.: 6.266 min
Delta R.T.: -0.002 min
Response: 7098051
Conc: 6.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

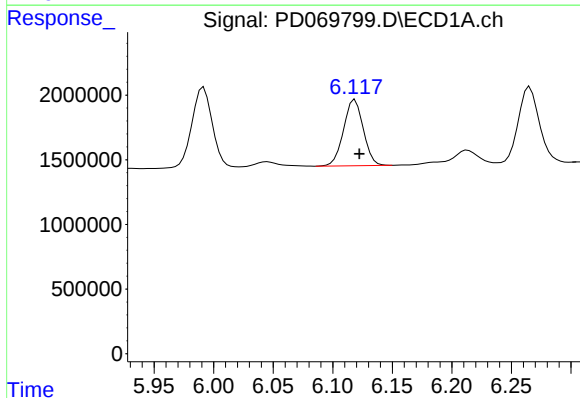
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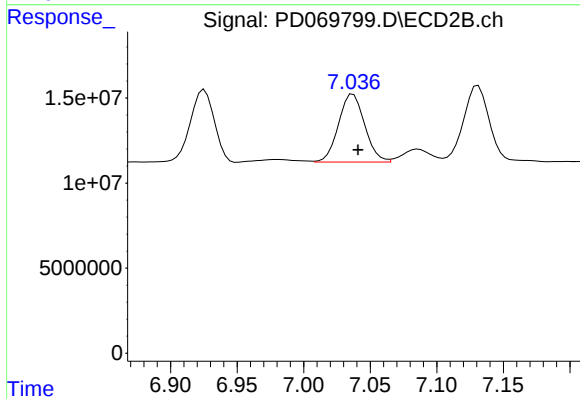
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: -0.004 min
Response: 60843046
Conc: 7.40 ng/ml



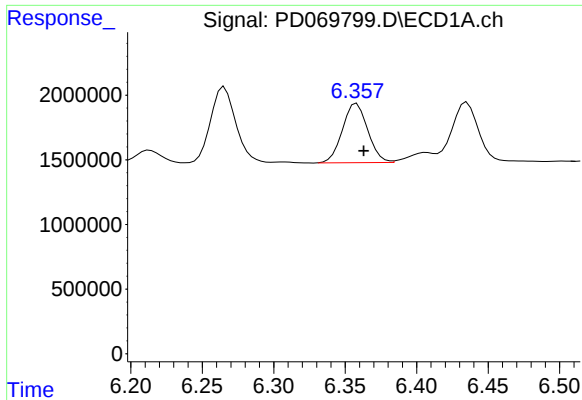
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 5887724
Conc: 5.91 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: -0.004 min
Response: 54765534
Conc: 6.76 ng/ml



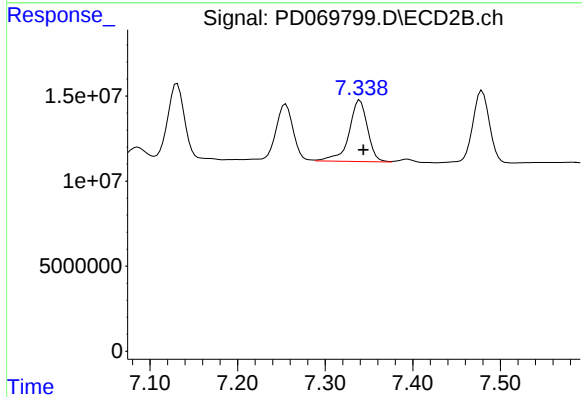
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: -0.005 min
Response: 5640085
Conc: 5.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
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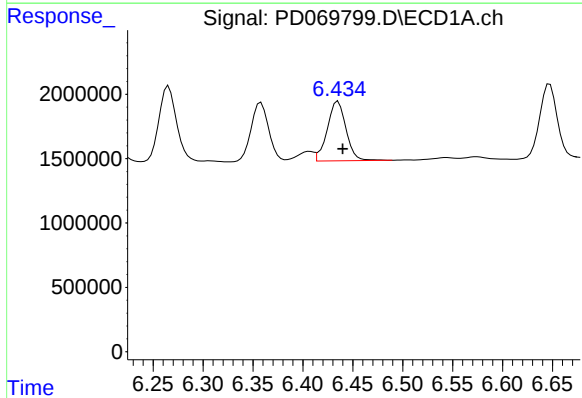
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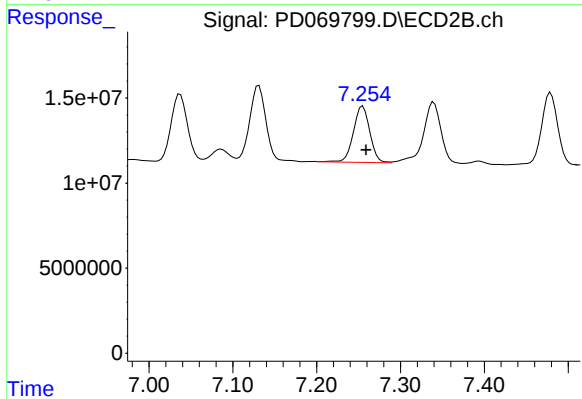
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: -0.004 min
Response: 53216760
Conc: 6.47 ng/ml



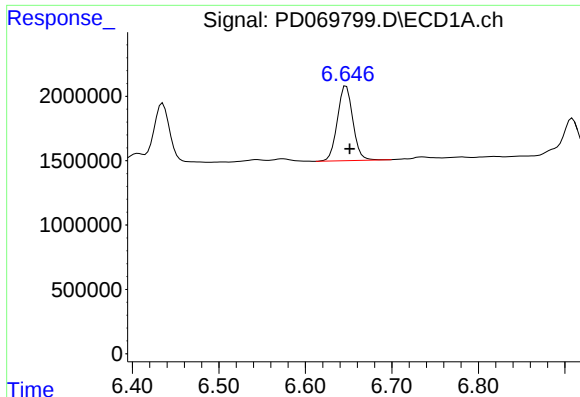
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: -0.005 min
Response: 6026576
Conc: 7.01 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 45102033
Conc: 7.07 ng/ml



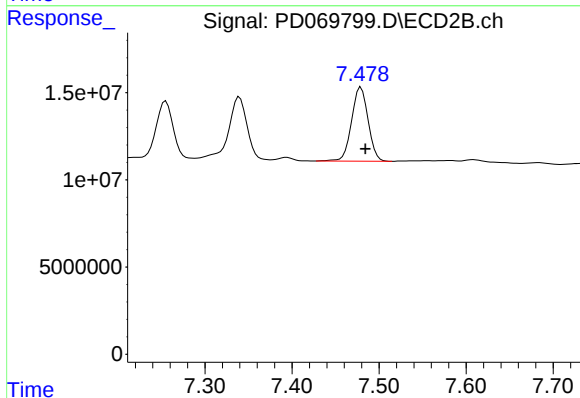
#19 Endosulfan Sulfate

R.T.: 6.647 min
Delta R.T.: -0.004 min
Response: 7175332
Conc: 6.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
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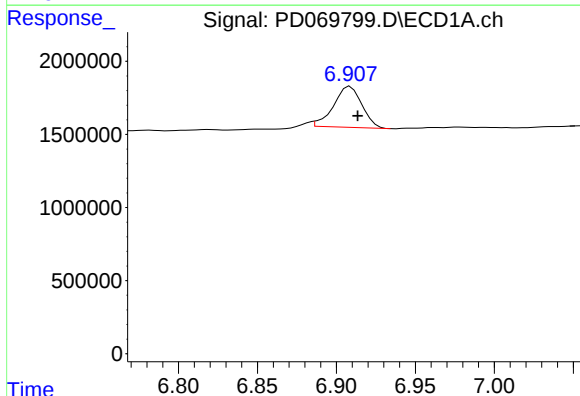
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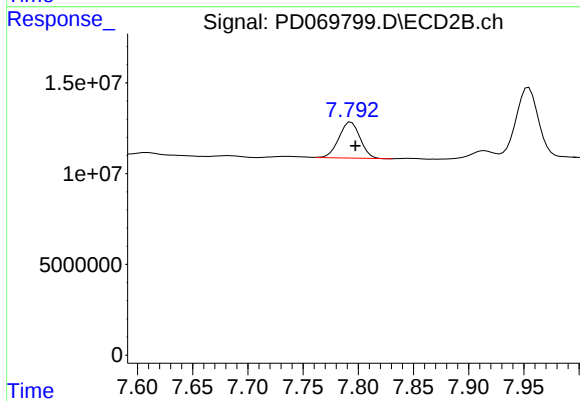
#19 Endosulfan Sulfate

R.T.: 7.479 min
Delta R.T.: -0.005 min
Response: 56111419
Conc: 7.02 ng/ml



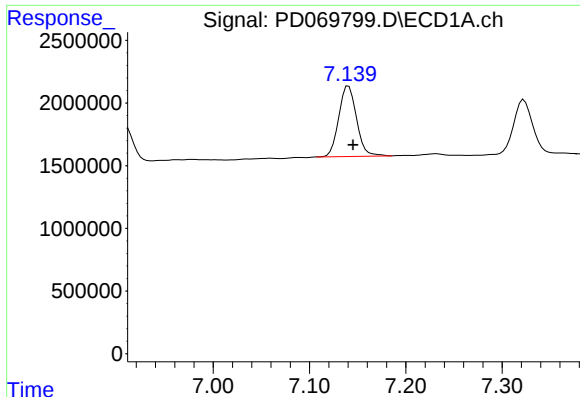
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: -0.006 min
Response: 3468363
Conc: 6.02 ng/ml m



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: -0.004 min
Response: 26645985
Conc: 6.46 ng/ml



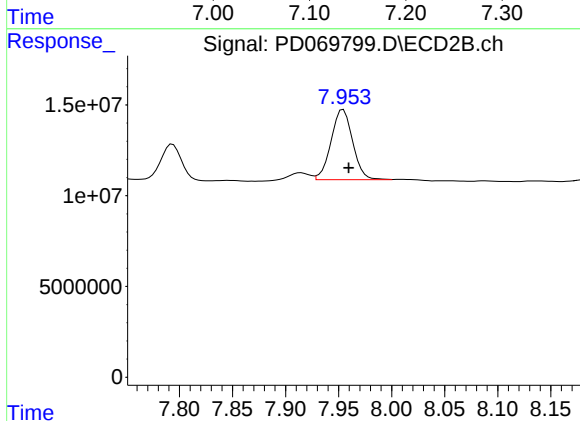
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: -0.005 min
Response: 7206459
Conc: 5.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

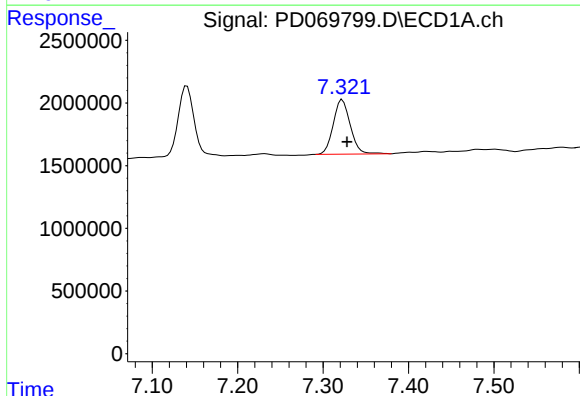
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/25/2022
Supervised By :Ankita Jodhani 05/25/2022



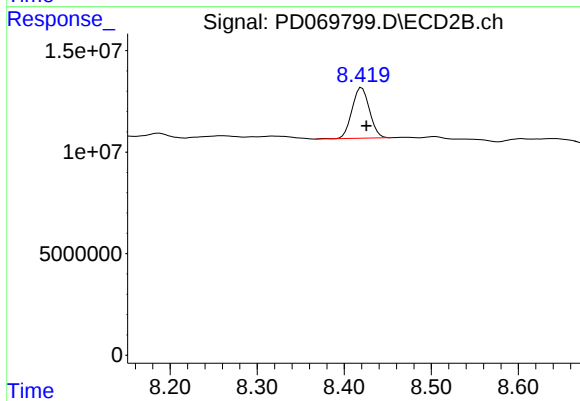
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: -0.006 min
Response: 54682837
Conc: 6.55 ng/ml m



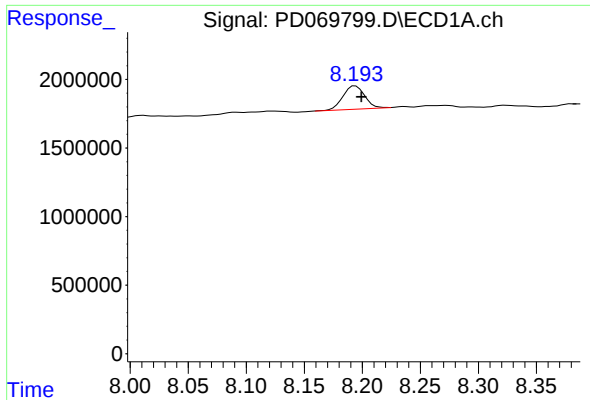
#22 Mirex

R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 6026030
Conc: 6.02 ng/ml



#22 Mirex

R.T.: 8.420 min
Delta R.T.: -0.006 min
Response: 34794193
Conc: 5.93 ng/ml



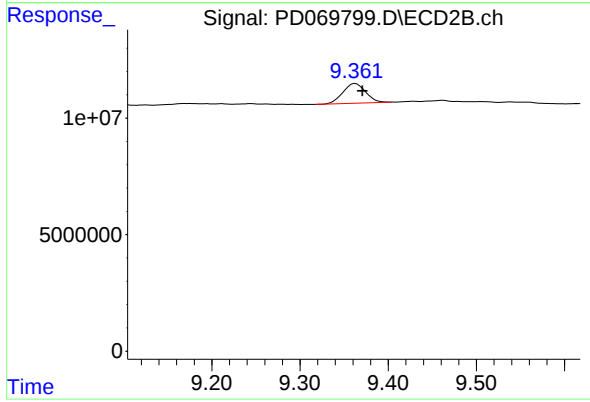
#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: -0.005 min
Response: 2213570
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-0006-01MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/25/2022
Supervised By :Ankita Jodhani 05/25/2022



#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: -0.008 min
Response: 15061203
Conc: 2.51 ng/ml