

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060322\
 Data File : PD069959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 11:31
 Operator : AR\AJ
 Sample : PB145185BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145185BSD

Manual Integrations
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Reviewed By : Abdul Mirza 06/03/2022
 Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 04:04:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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 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...	3.443	4.168	23370054	208.0E6	21.960	23.601
28)	SA Decachlor...	8.195	9.362	23909397	127.0E6	21.920	23.478
Target Compounds							
2)	A alpha-BHC	3.881	4.564	15807680	143.1E6	9.646	10.927
3)	MA gamma-BHC...	4.164	4.854	16129046	136.0E6	9.345m	11.028m
4)	MA Heptachlor	4.462	5.381	16466766	138.4E6	11.030	11.887
5)	MB Aldrin	4.708	5.694	15612242	140.8E6	10.773m	12.207
6)	B beta-BHC	4.416	5.018	8072730	60192814	11.599	11.459m
7)	B delta-BHC	4.619	5.244	9386388	74164461	6.161	7.796 #
8)	B Heptachlo...	5.152	6.079	14729906	151.2E6	11.030m	19.215m#
9)	A Endosulfan I	5.492	6.444	12215706	99389338	9.749	10.897m
10)	B gamma-Chl...	5.379	6.319	14675804	122.0E6	10.846	12.313
11)	B alpha-Chl...	5.437	6.393	14435936	116.5E6	10.843	11.985m
12)	B 4,4'-DDE	5.601	6.544	12987007	107.0E6	10.251m	11.830
13)	MA Dieldrin	5.735	6.704	14137689	109.5E6	10.740	11.608
14)	MA Endrin	5.994	6.919	14255051	44087360	12.346	6.532m#
15)	B Endosulfa...	6.265	7.129	12538050	94469112	11.272m	12.718
16)	A 4,4'-DDD	6.121	7.035	11096894	79464783	10.256	10.731
17)	MA 4,4'-DDT	6.360	7.338	10095974	86358019	10.187	11.801
18)	B Endrin al...	6.437	7.253	10142384	71650123	11.804	12.479
19)	B Endosulfa...	6.647	7.479	11480377	62564367	9.959m	8.486
20)	A Methoxychlor	6.910	7.791	6684593	38025793	11.783	10.665
21)	B Endrin ke...	7.141	7.953	17487723	88758683	13.123m	11.149
22)	Mirex	7.325	8.418	35956335	190.9E6	35.759	35.729m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060322\
 Data File : PD069959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 11:31
 Operator : AR\AJ
 Sample : PB145185BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

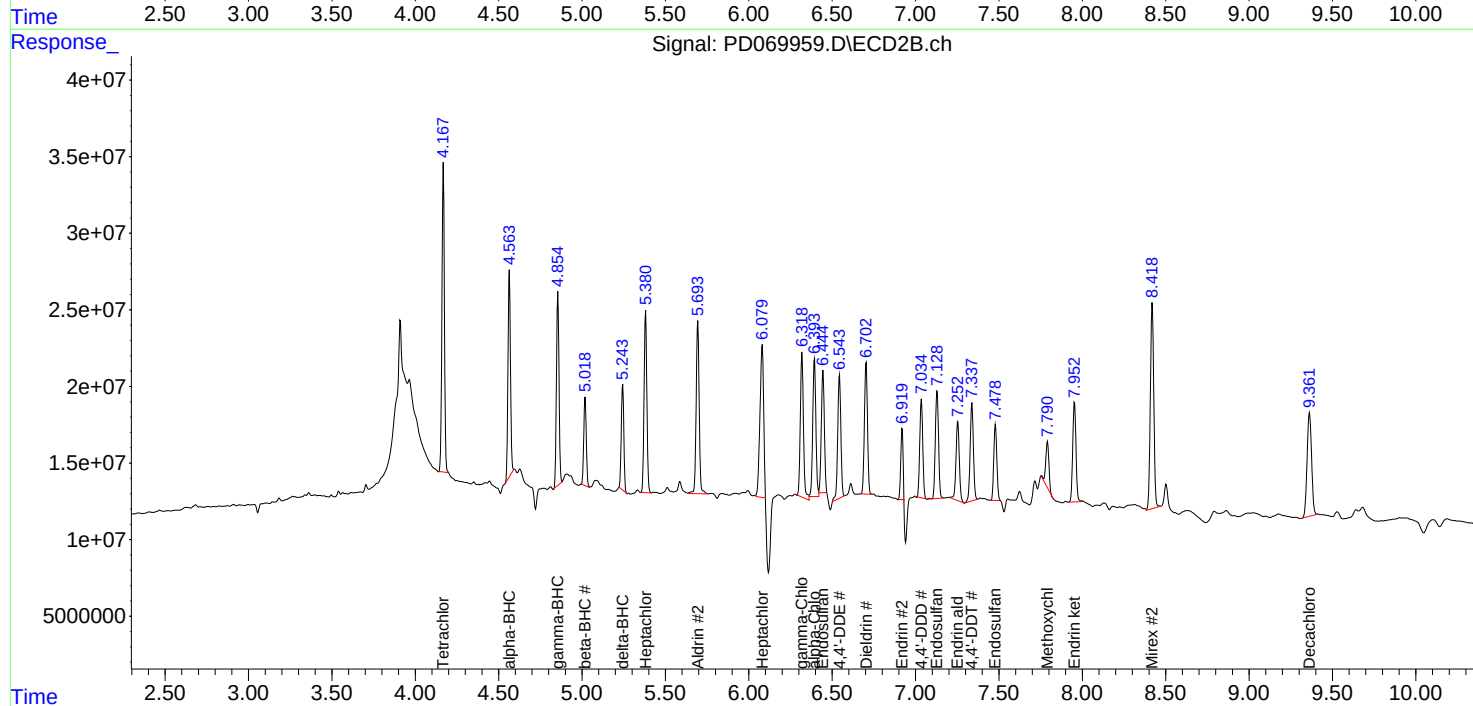
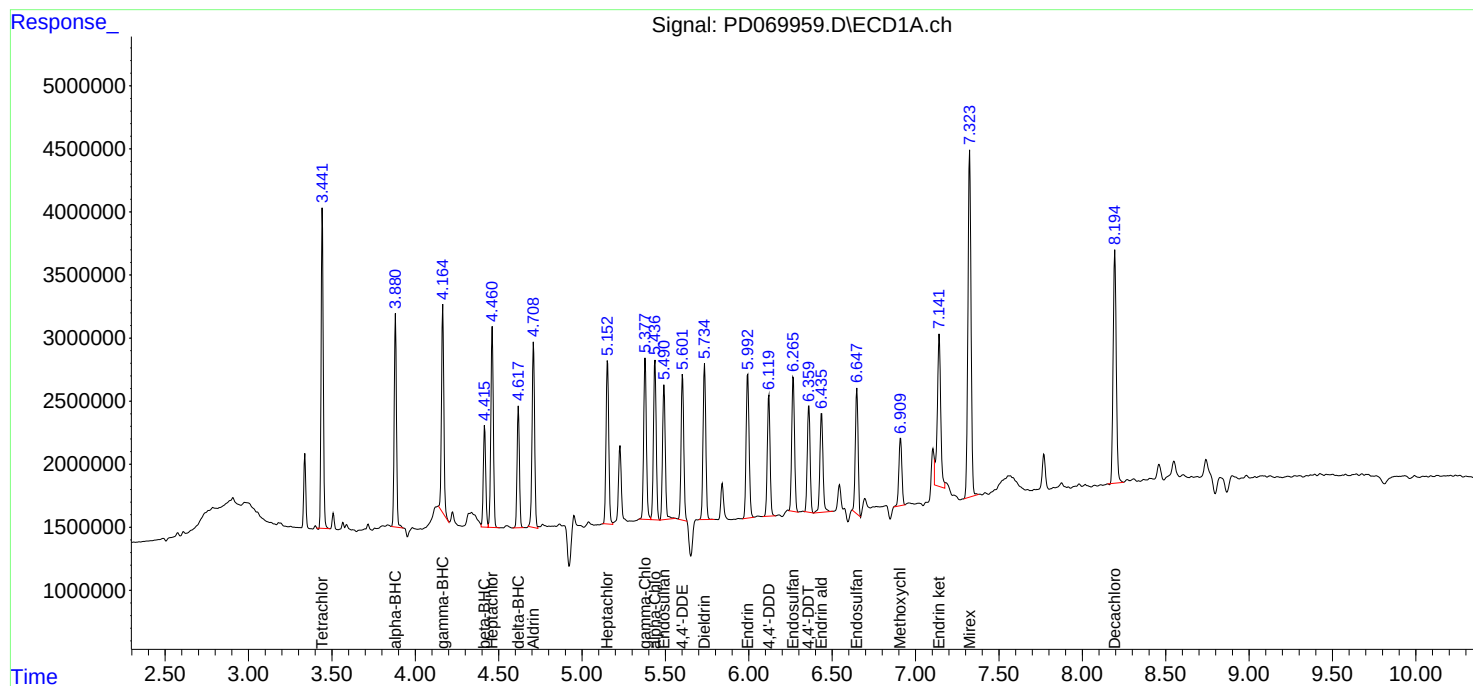
Instrument :
 ECD_D
 ClientSampleId :
 PB145185BSD

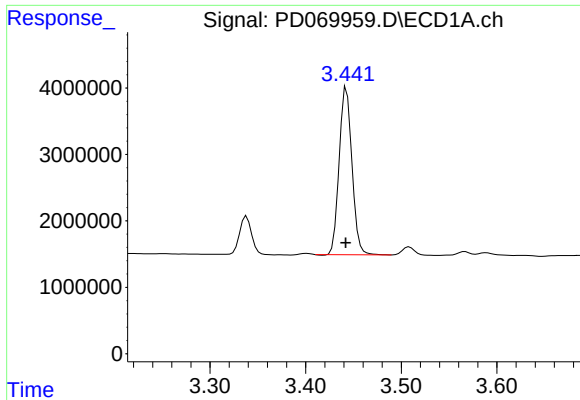
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 04:04:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





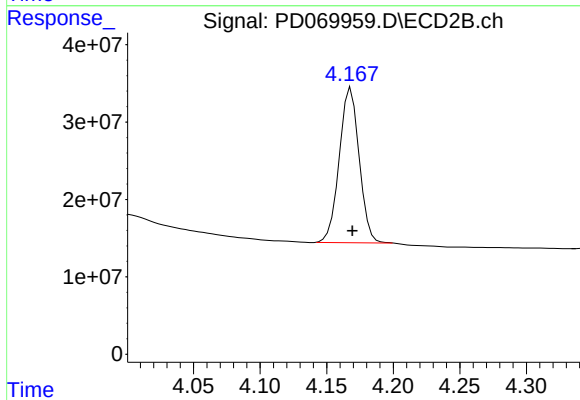
#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 23370054
Conc: 21.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

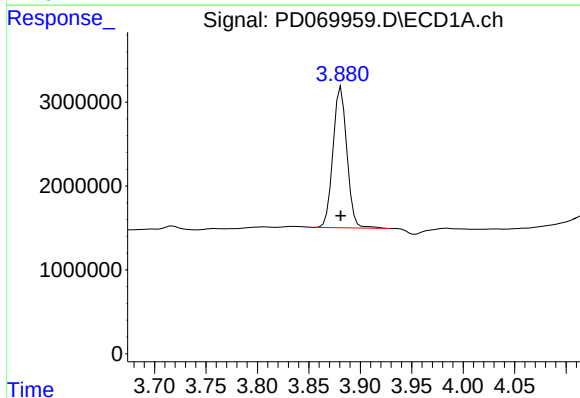
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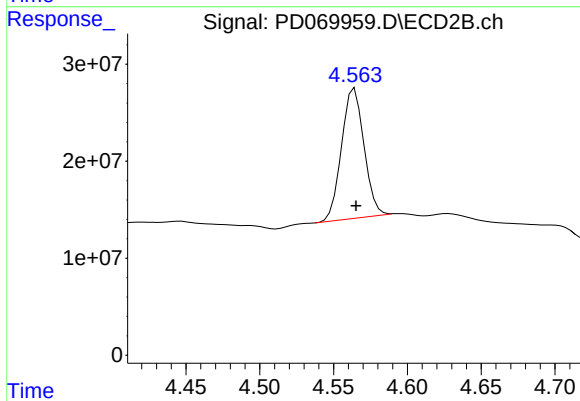
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: -0.001 min
Response: 207965485
Conc: 23.60 ng/ml



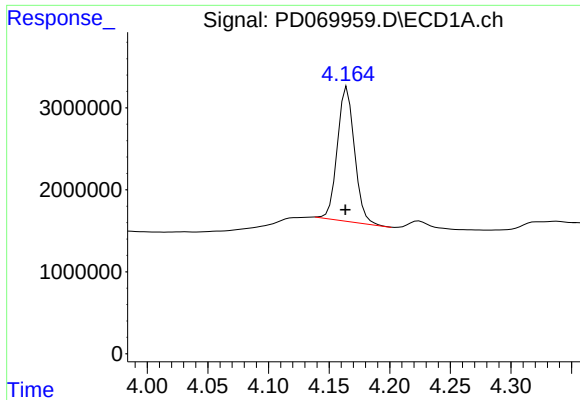
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 15807680
Conc: 9.65 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 143094208
Conc: 10.93 ng/ml



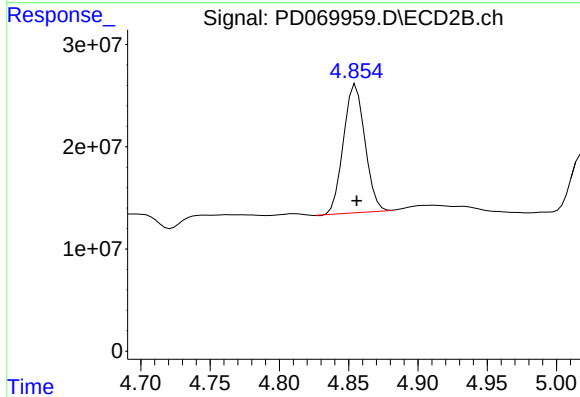
#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 16129046
Conc: 9.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

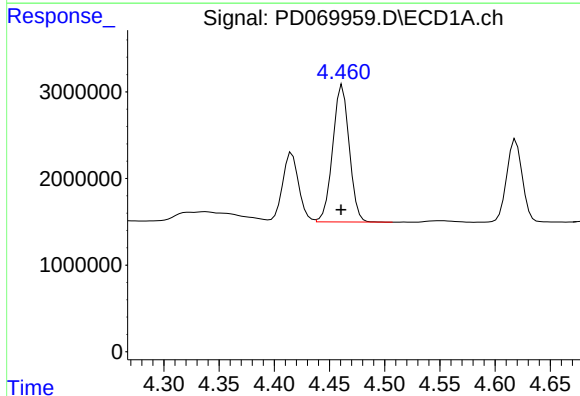
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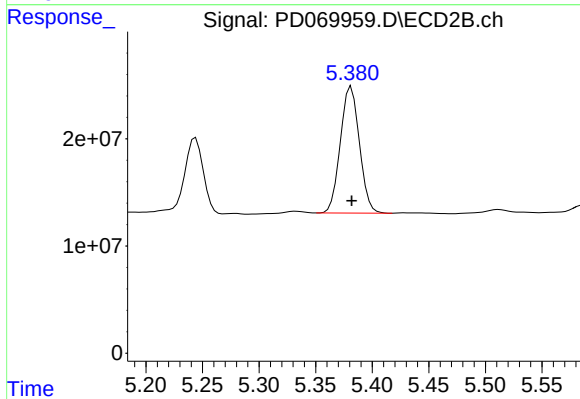
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: -0.002 min
Response: 136036811
Conc: 11.03 ng/ml m



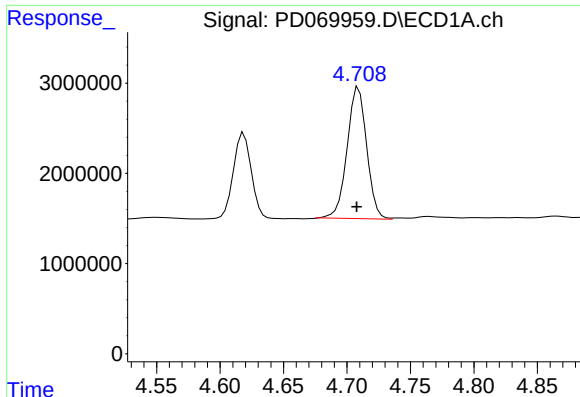
#4 Heptachlor

R.T.: 4.462 min
Delta R.T.: 0.001 min
Response: 16466766
Conc: 11.03 ng/ml



#4 Heptachlor

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 138383029
Conc: 11.89 ng/ml



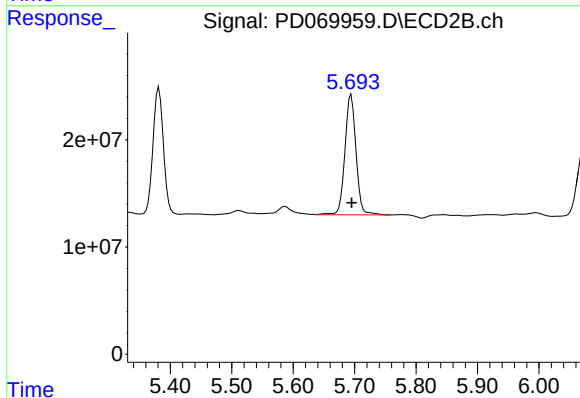
#5 Aldrin

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 15612242
Conc: 10.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

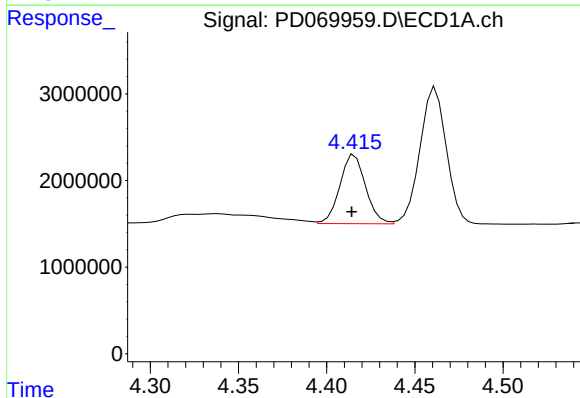
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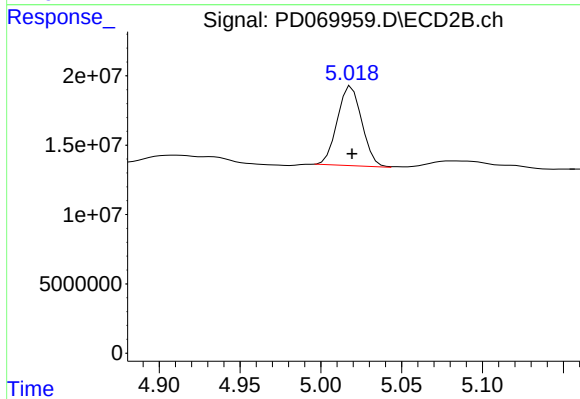
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 140817637
Conc: 12.21 ng/ml



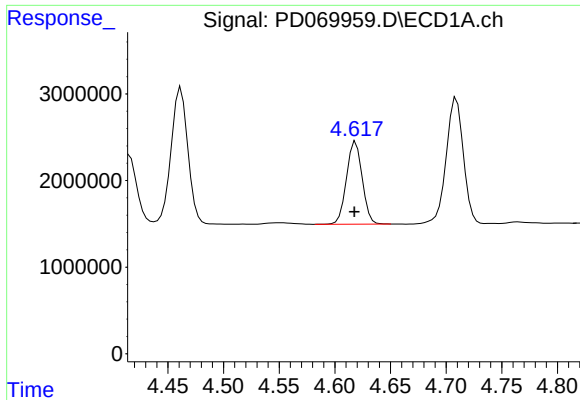
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.002 min
Response: 8072730
Conc: 11.60 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 60192814
Conc: 11.46 ng/ml m



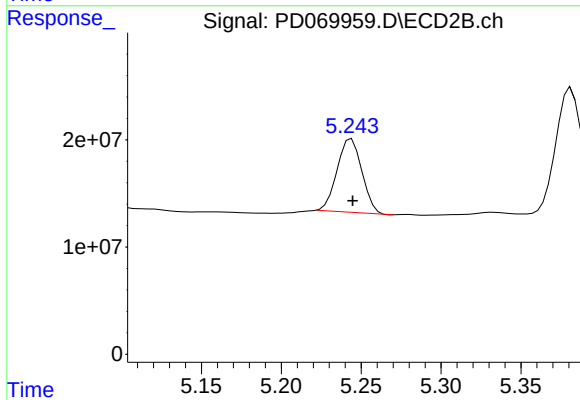
#7 delta-BHC

R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 9386388
Conc: 6.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

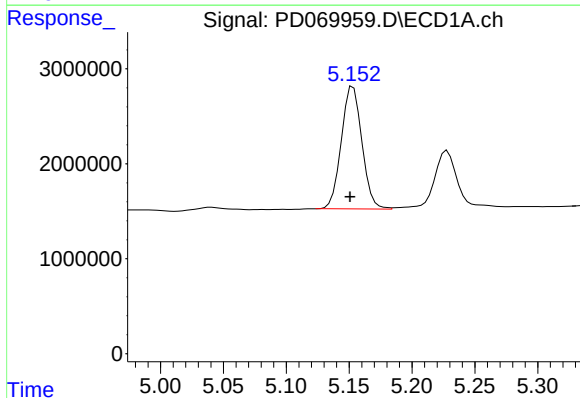
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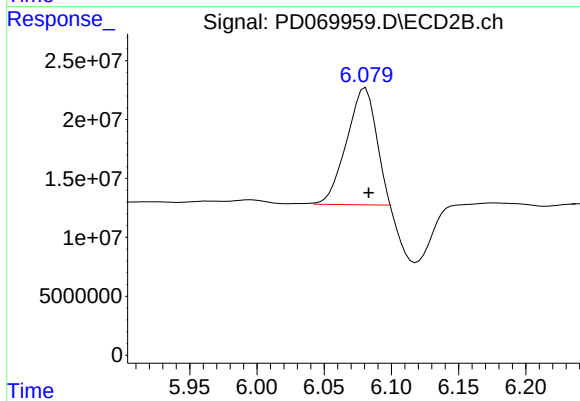
#7 delta-BHC

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 74164461
Conc: 7.80 ng/ml



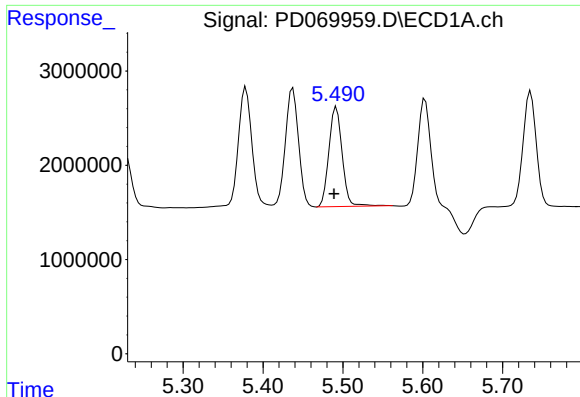
#8 Heptachlor epoxide

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 14729906
Conc: 11.03 ng/ml m



#8 Heptachlor epoxide

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 151204555
Conc: 19.22 ng/ml m



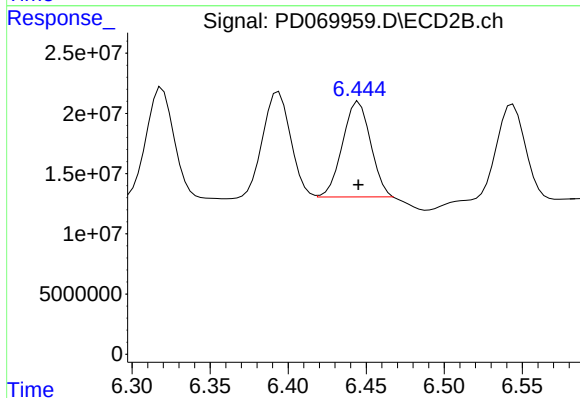
#9 Endosulfan I

R.T.: 5.492 min
Delta R.T.: 0.003 min
Response: 12215706
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

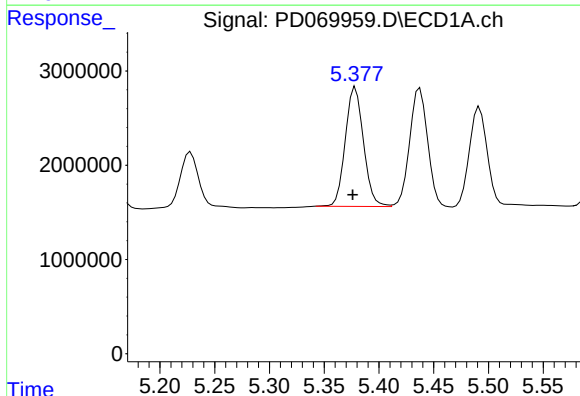
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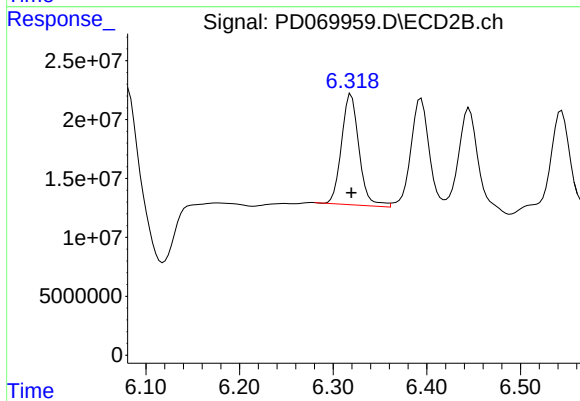
#9 Endosulfan I

R.T.: 6.444 min
Delta R.T.: -0.001 min
Response: 99389338
Conc: 10.90 ng/ml m



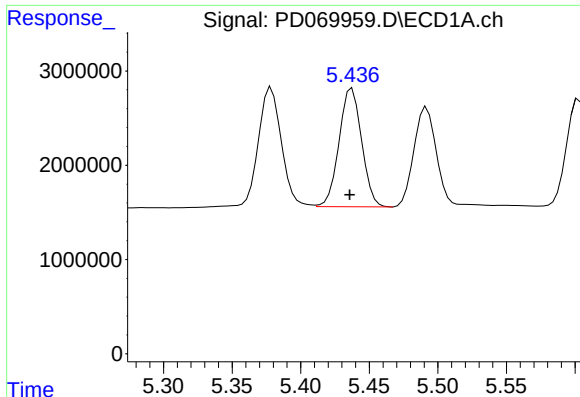
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: 0.003 min
Response: 14675804
Conc: 10.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 122026288
Conc: 12.31 ng/ml



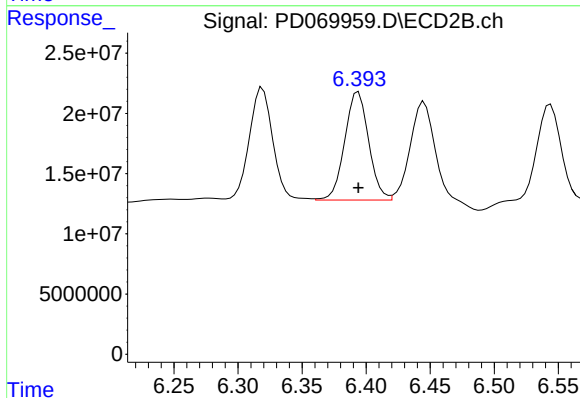
#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.002 min
Response: 14435936
Conc: 10.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

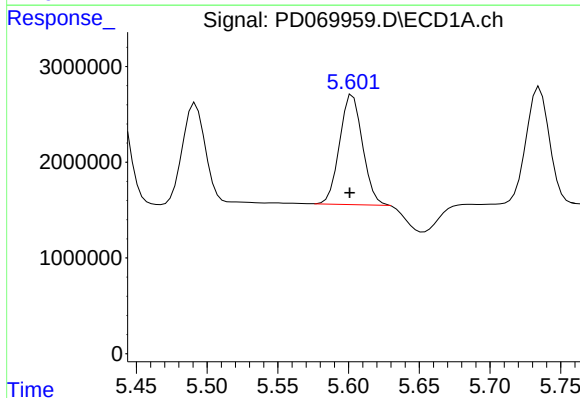
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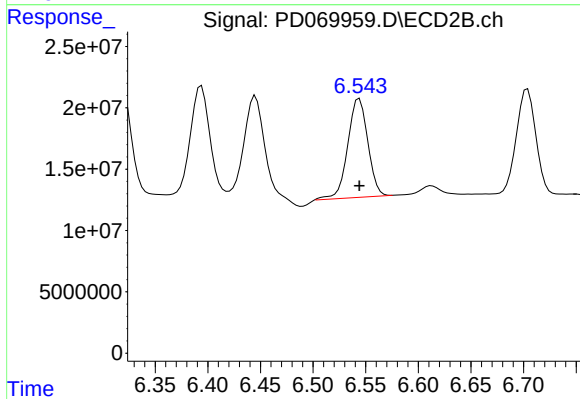
#11 alpha-Chlordane

R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 116480612
Conc: 11.99 ng/ml m



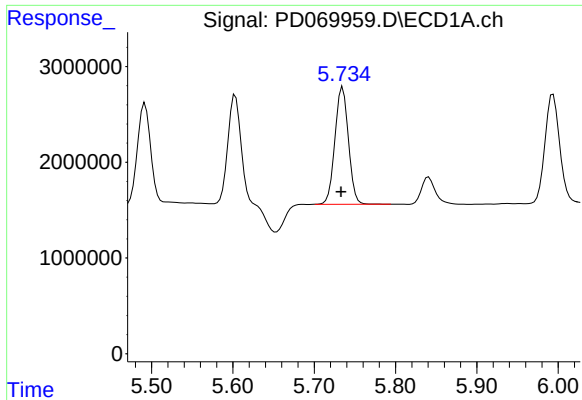
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 12987007
Conc: 10.25 ng/ml m



#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 107033391
Conc: 11.83 ng/ml



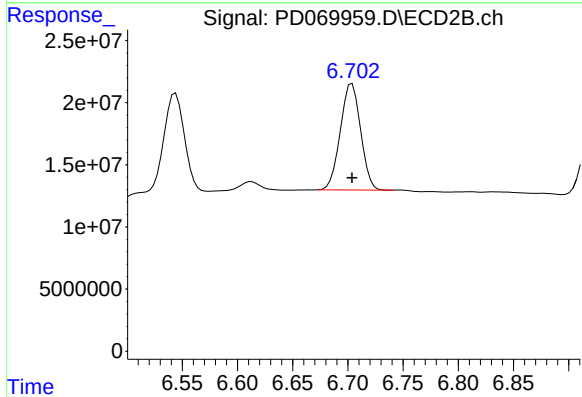
#13 Dieldrin

R.T.: 5.735 min
Delta R.T.: 0.002 min
Response: 14137689
Conc: 10.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

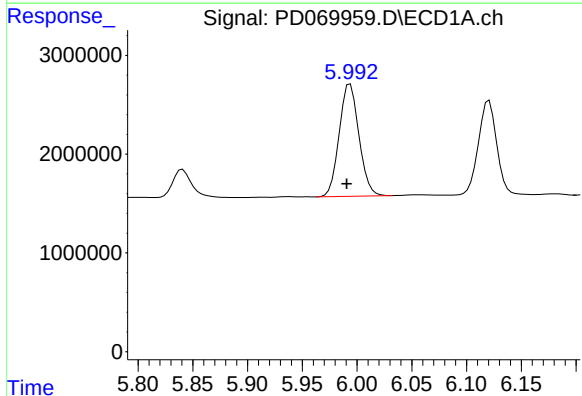
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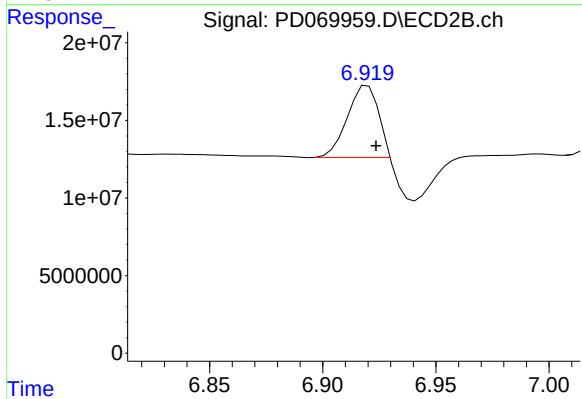
#13 Dieldrin

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 109515409
Conc: 11.61 ng/ml



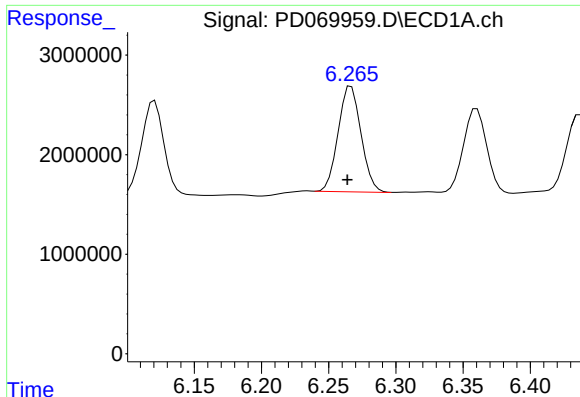
#14 Endrin

R.T.: 5.994 min
Delta R.T.: 0.003 min
Response: 14255051
Conc: 12.35 ng/ml



#14 Endrin

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 44087360
Conc: 6.53 ng/ml m



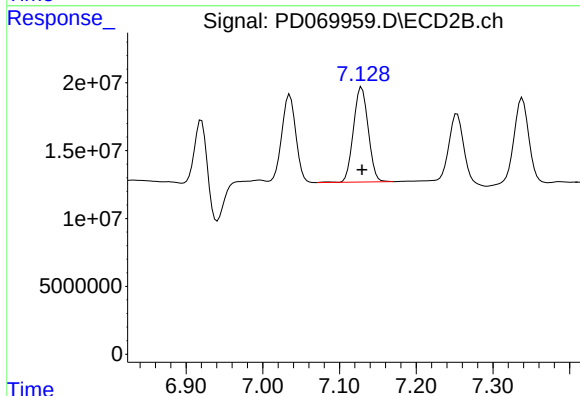
#15 Endosulfan II

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 12538050
Conc: 11.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

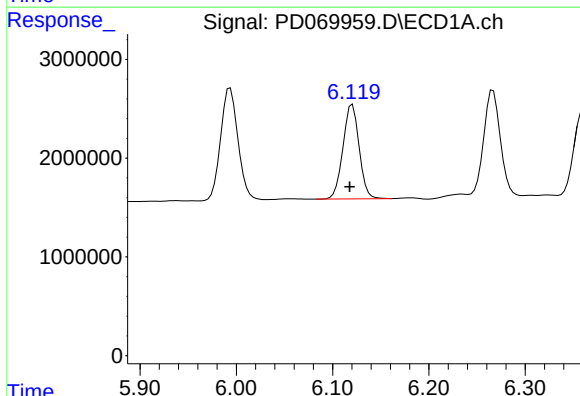
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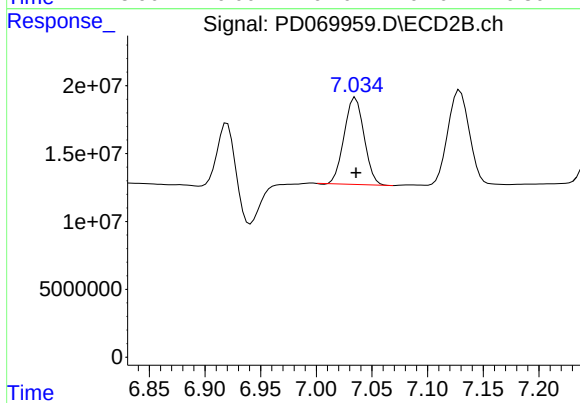
#15 Endosulfan II

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 94469112
Conc: 12.72 ng/ml



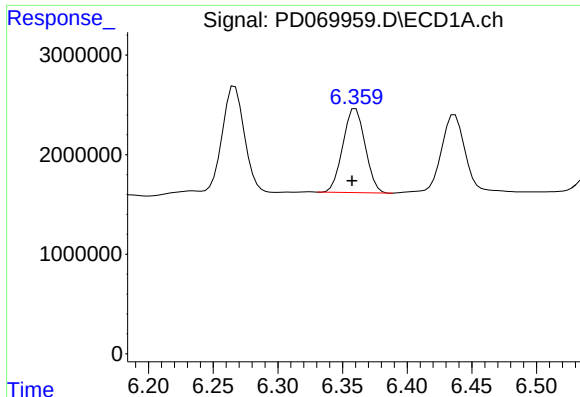
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: 0.003 min
Response: 11096894
Conc: 10.26 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 79464783
Conc: 10.73 ng/ml



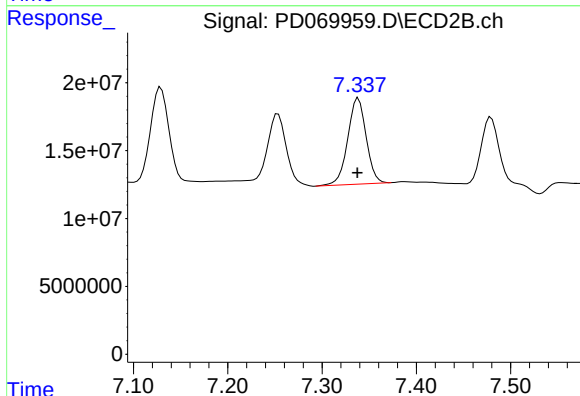
#17 4,4'-DDT

R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 10095974
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

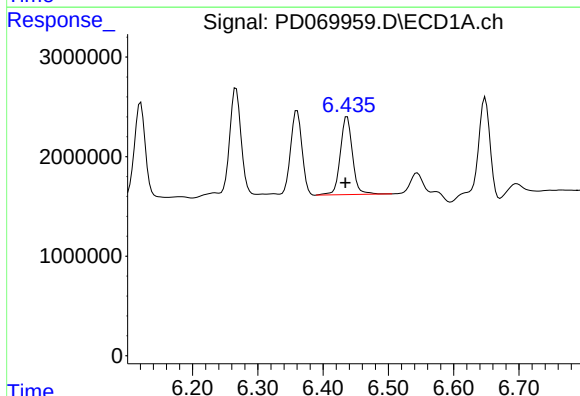
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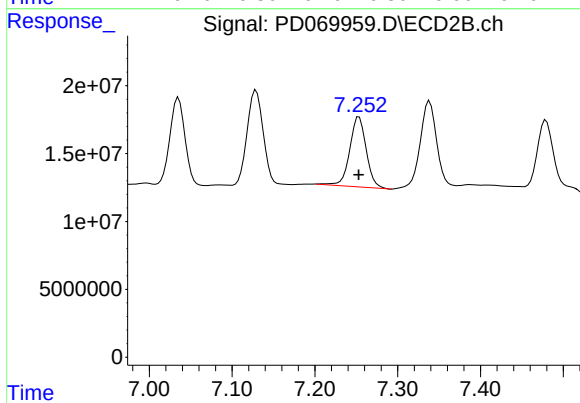
#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 86358019
Conc: 11.80 ng/ml



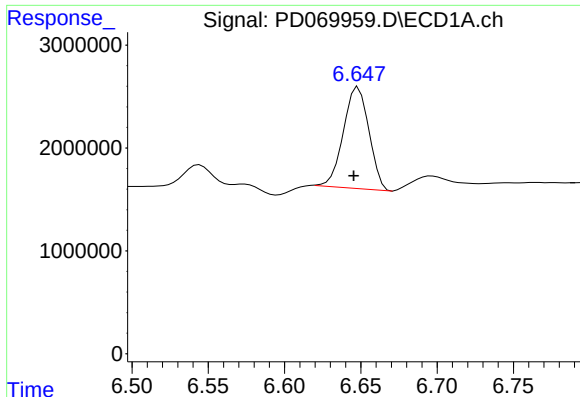
#18 Endrin aldehyde

R.T.: 6.437 min
Delta R.T.: 0.003 min
Response: 10142384
Conc: 11.80 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 71650123
Conc: 12.48 ng/ml



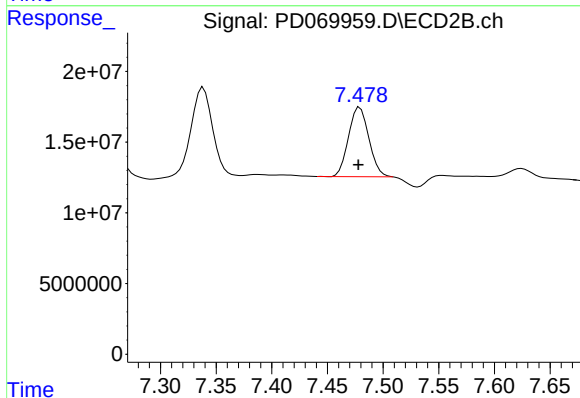
#19 Endosulfan Sulfate

R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 11480377
Conc: 9.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

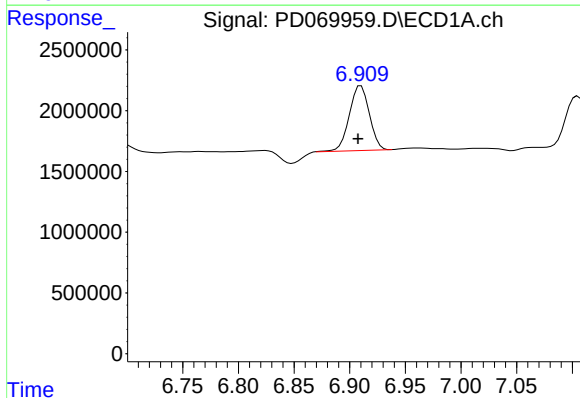
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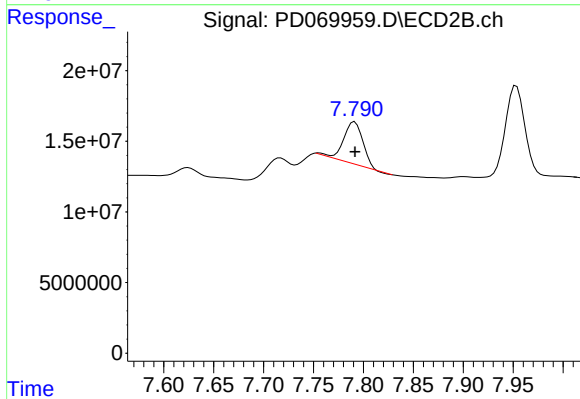
#19 Endosulfan Sulfate

R.T.: 7.479 min
Delta R.T.: 0.001 min
Response: 62564367
Conc: 8.49 ng/ml



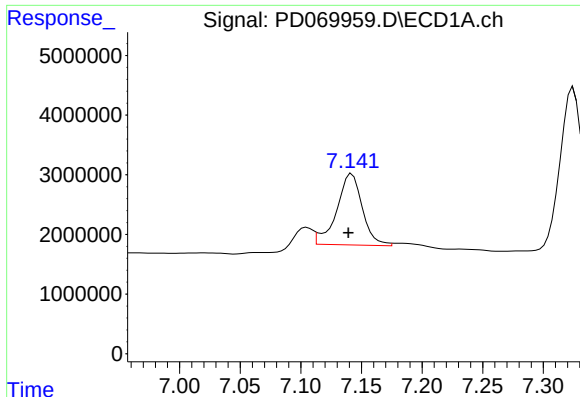
#20 Methoxychlor

R.T.: 6.910 min
Delta R.T.: 0.003 min
Response: 6684593
Conc: 11.78 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 38025793
Conc: 10.66 ng/ml



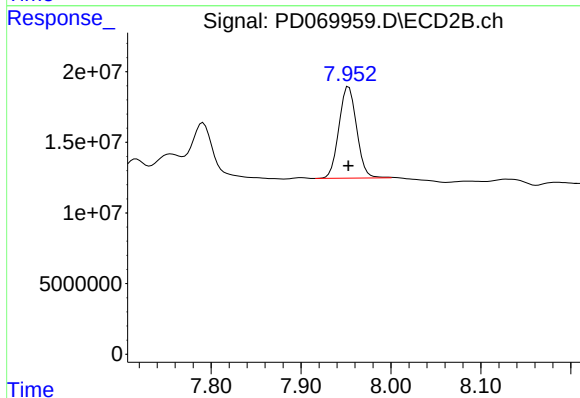
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: 0.001 min
Response: 17487723
Conc: 13.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145185BSD

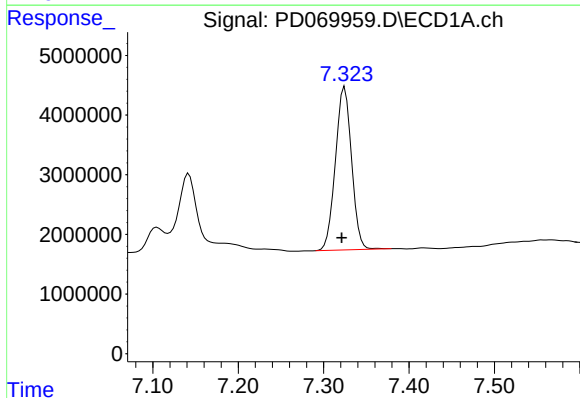
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Supervised By :Ankita Jodhani 06/03/2022



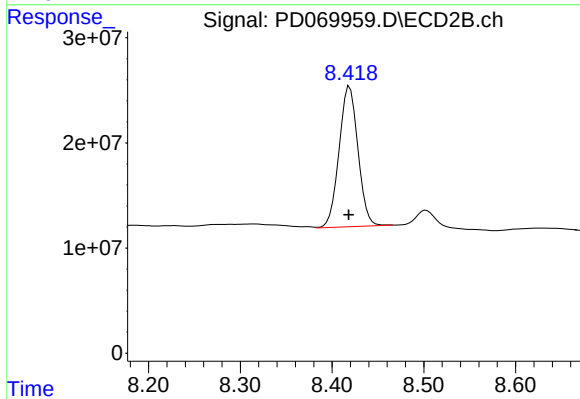
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 88758683
Conc: 11.15 ng/ml



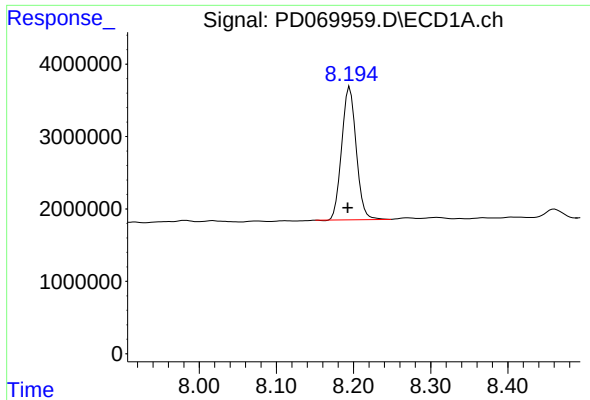
#22 Mirex

R.T.: 7.325 min
Delta R.T.: 0.003 min
Response: 35956335
Conc: 35.76 ng/ml



#22 Mirex

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 190870866
Conc: 35.73 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.003 min
Response: 23909397
Conc: 21.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

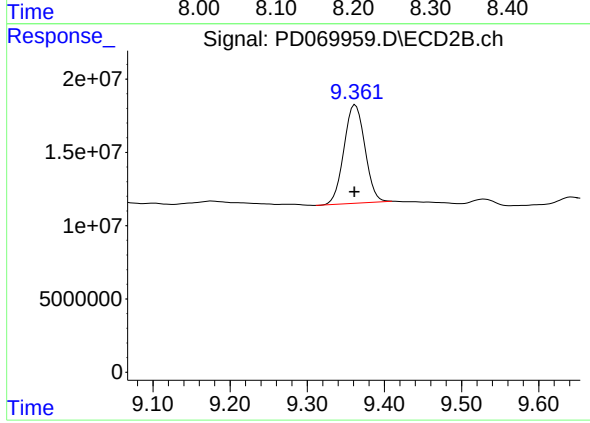
PB145185BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/03/2022

Supervised By :Ankita Jodhani 06/03/2022



#28 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: 0.000 min
Response: 126969261
Conc: 23.48 ng/ml