

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 16:46
 Operator : AR\AJ
 Sample : PB145014BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145014BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 03:18:22 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...	3.445	4.173	18530976	203.8E6	18.492	21.333
28)	SA Decachlor...	8.198	9.367	21537526	129.3E6	19.967	21.575
Target Compounds							
2)	A alpha-BHC	3.884	4.569	79338803	724.6E6	53.125	51.954
3)	MA gamma-BHC...	4.167	4.859	79463754	650.8E6	53.821	50.819
4)	MA Heptachlor	4.464	5.386	69631917	627.9E6	49.717	50.555
5)	MB Aldrin	4.712	5.699	71797792	636.7E6	53.293	52.846
6)	B beta-BHC	4.417	5.023	30773869	283.6E6	47.246	50.510
7)	B delta-BHC	4.621	5.248	70214550	606.0E6	50.273	67.178 #
8)	B Heptachlo...	5.155	6.086	64341333	548.3E6	50.817	61.448m
9)	A Endosulfan I	5.493	6.450	59701355	512.1E6	50.336	51.666
10)	B gamma-Chl...	5.380	6.323	65250130	576.9E6	51.013	53.898
11)	B alpha-Chl...	5.439	6.398	64497350	549.6E6	50.970	52.364
12)	B 4,4'-DDE	5.605	6.549	60881458	515.8E6	52.602	51.967
13)	MA Dieldrin	5.737	6.708	66680778	547.7E6	53.938	53.497
14)	MA Endrin	5.995	6.928	57479297	435.0E6	51.731	53.519
15)	B Endosulfa...	6.268	7.133	57781383	472.8E6	55.241	57.478
16)	A 4,4'-DDD	6.122	7.039	51916241	433.8E6	52.147	53.542
17)	MA 4,4'-DDT	6.362	7.342	49539530	428.1E6	51.601	52.056
18)	B Endrin al...	6.438	7.257	48084431	384.0E6	55.916	60.194
19)	B Endosulfa...	6.651	7.482	56492125	434.9E6	51.358	54.438
20)	A Methoxychlor	6.913	7.796	29127468	237.2E6	50.535	57.528
21)	B Endrin ke...	7.144	7.957	70833486	455.8E6	56.542	54.558
22)	Mirex	7.327	8.422	48735062	302.4E6	48.688	51.499

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
Data File : PD069746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2022 16:46
Operator : AR\AJ
Sample : PB145014BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB145014BS

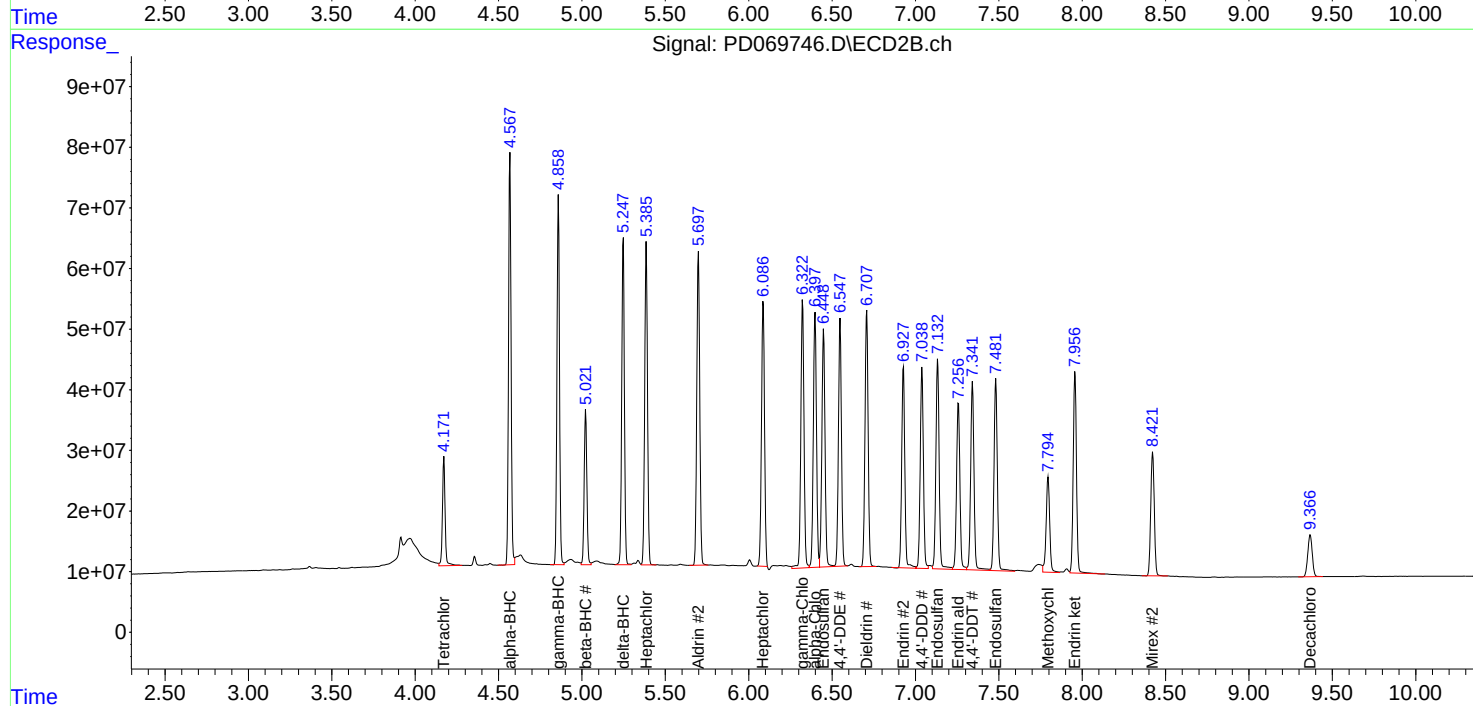
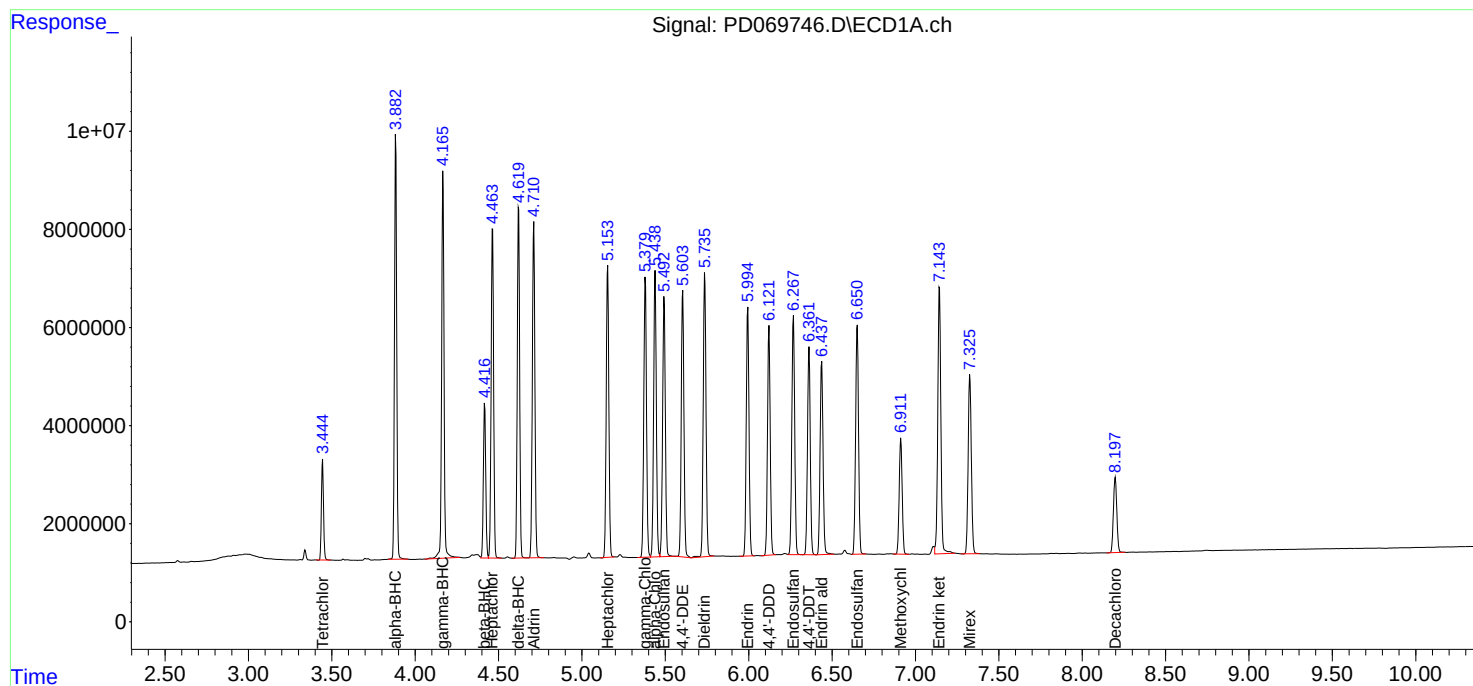
Manual Integrations

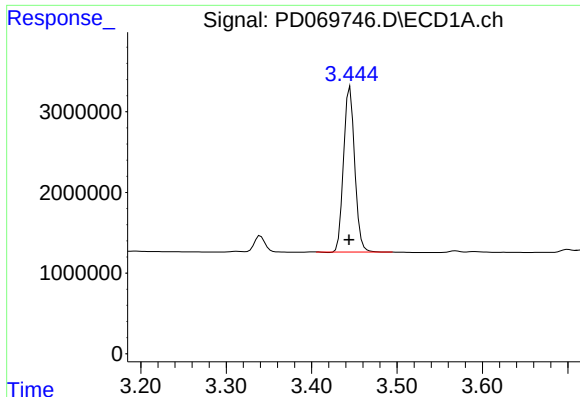
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Reviewed By : Abdul Mirza 06/08/2022
Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 03:18:22 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.445 min
Delta R.T.: 0.001 min
Response: 18530976
Conc: 18.49 ng/ml

Instrument :

ECD_D

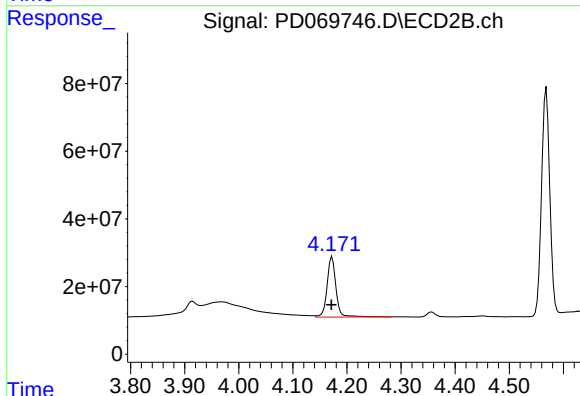
ClientSampleId :

PB145014BS

Manual Integrations

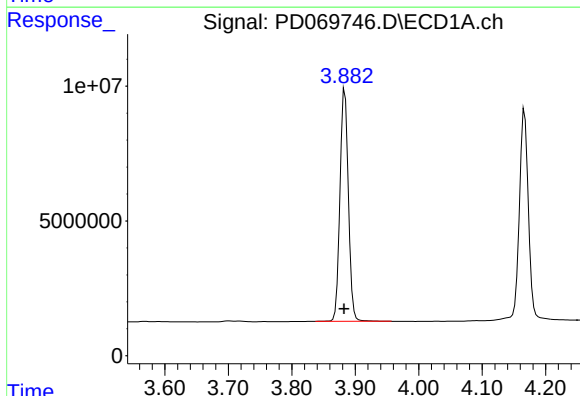
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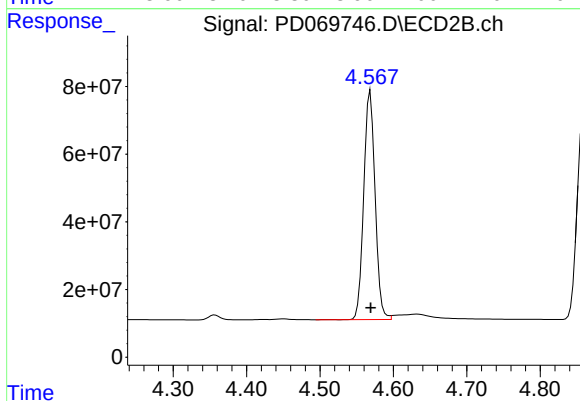
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: 0.001 min
Response: 203819552
Conc: 21.33 ng/ml



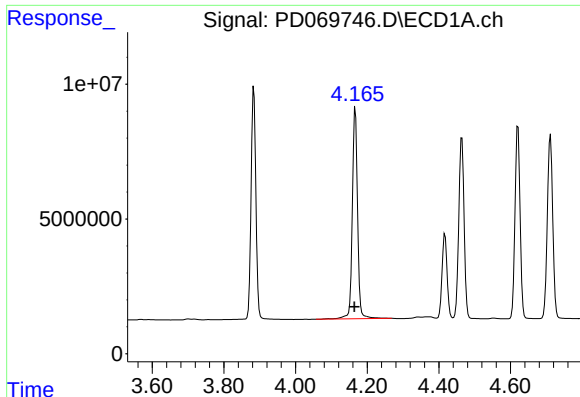
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.001 min
Response: 79338803
Conc: 53.12 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 724643053
Conc: 51.95 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.167 min
Delta R.T.: 0.002 min
Response: 79463754
Conc: 53.82 ng/ml

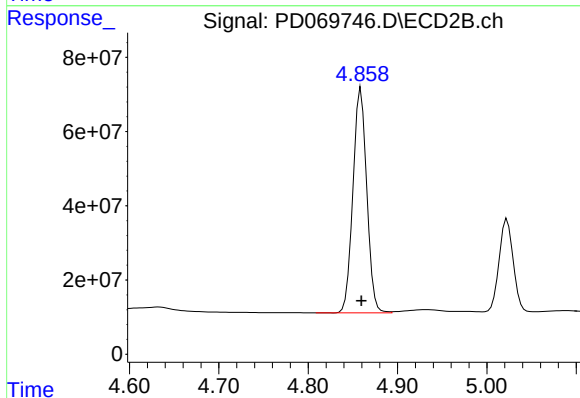
Instrument :

ECD_D

ClientSampleId :
PB145014BS

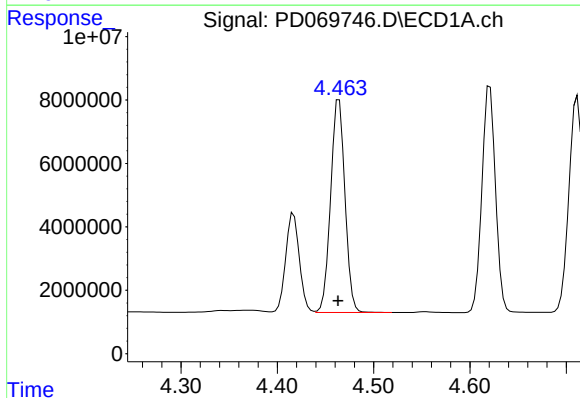
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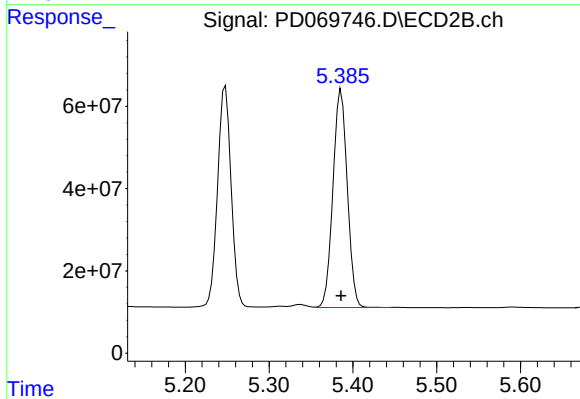
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 650847410
Conc: 50.82 ng/ml



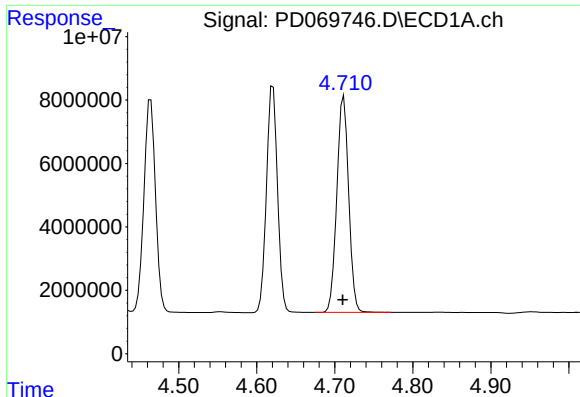
#4 Heptachlor

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 69631917
Conc: 49.72 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 627948887
Conc: 50.55 ng/ml



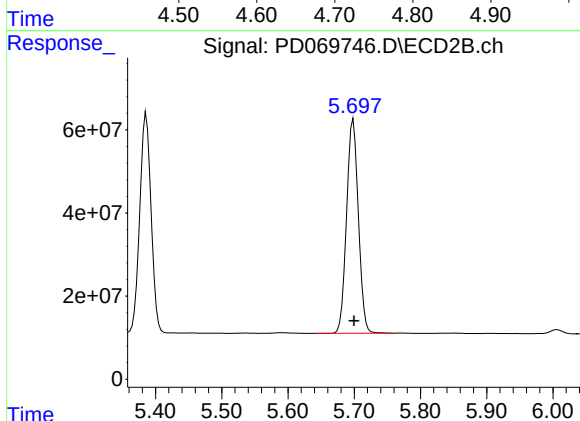
#5 Aldrin

R.T.: 4.712 min
Delta R.T.: 0.001 min
Response: 71797792
Conc: 53.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

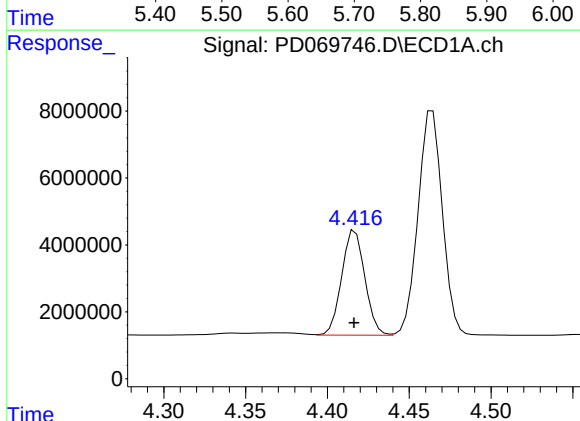
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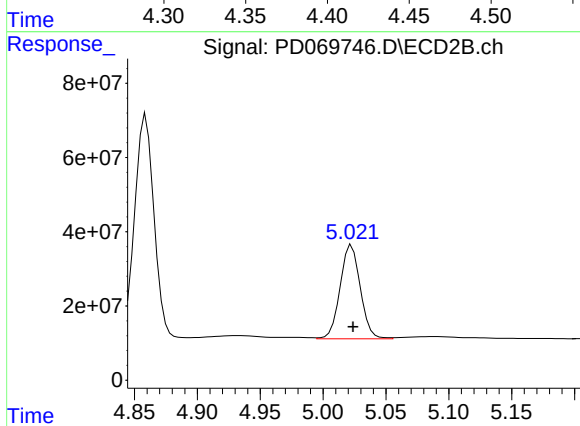
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: -0.001 min
Response: 636717606
Conc: 52.85 ng/ml



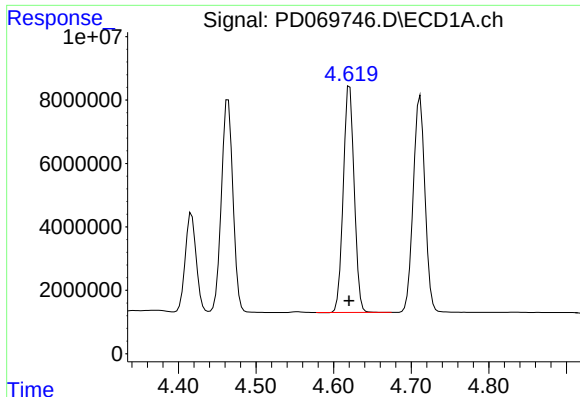
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 30773869
Conc: 47.25 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 283601323
Conc: 50.51 ng/ml



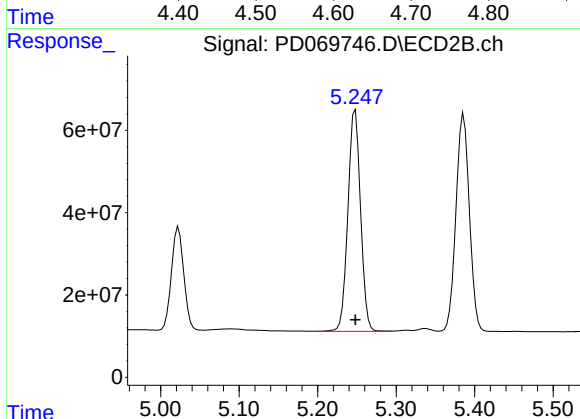
#7 delta-BHC

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 70214550
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

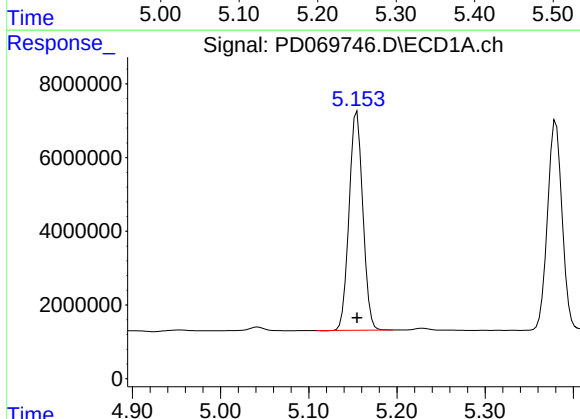
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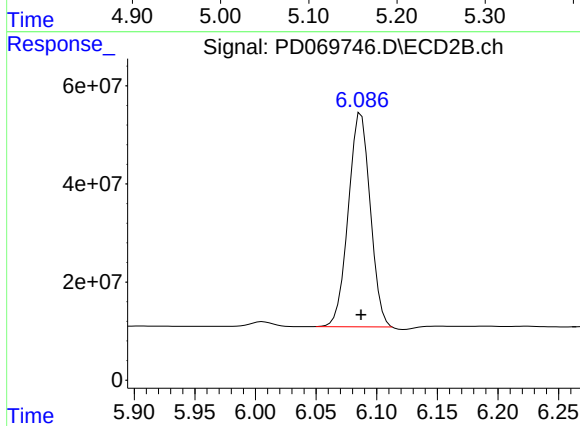
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 605956424
Conc: 67.18 ng/ml



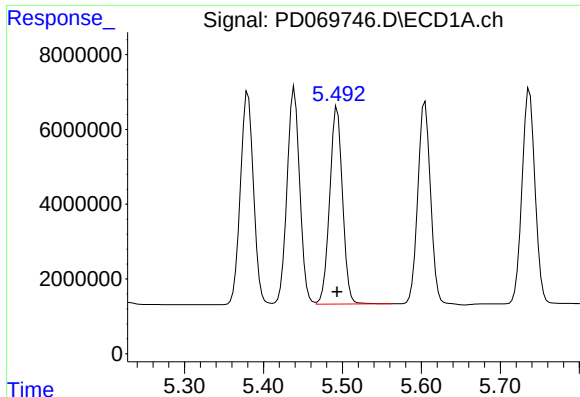
#8 Heptachlor epoxide

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 64341333
Conc: 50.82 ng/ml



#8 Heptachlor epoxide

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 548316554
Conc: 61.45 ng/ml m



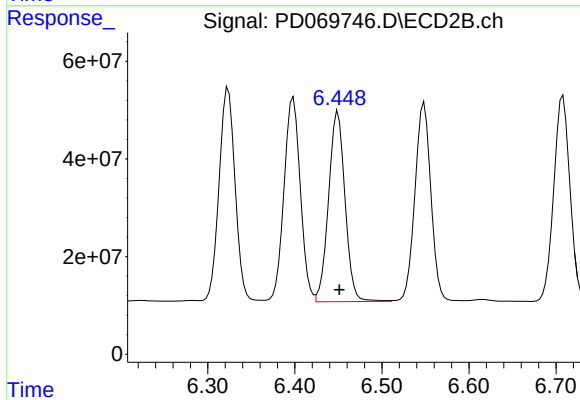
#9 Endosulfan I

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 59701355
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

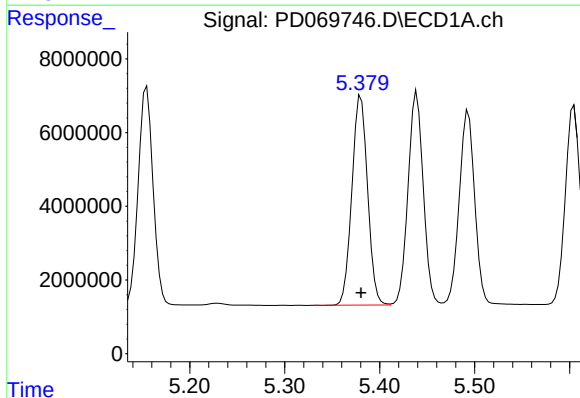
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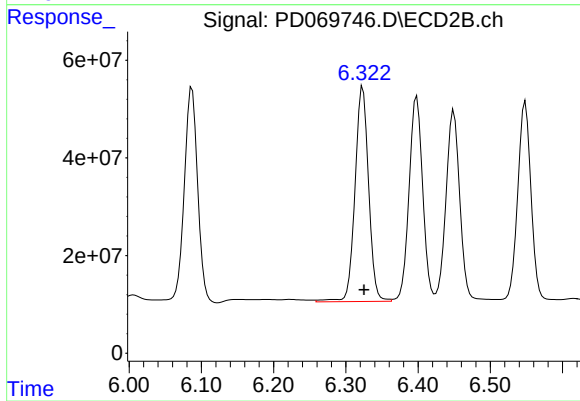
#9 Endosulfan I

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 512069011
Conc: 51.67 ng/ml



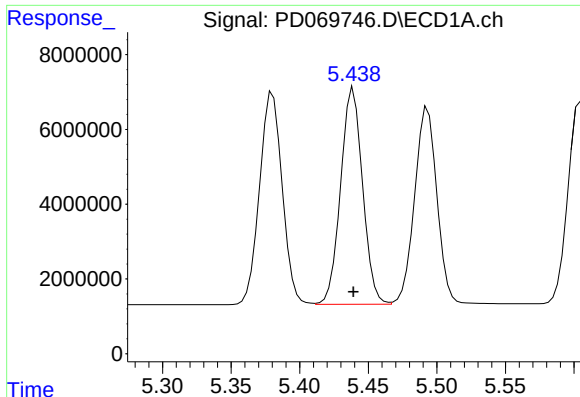
#10 gamma-Chlordane

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 65250130
Conc: 51.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 576851167
Conc: 53.90 ng/ml



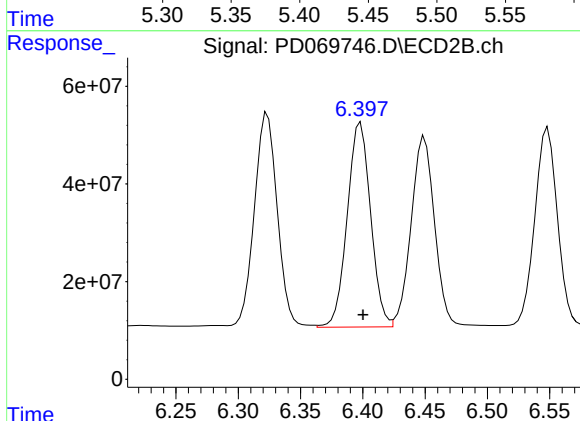
#11 alpha-Chlordane

R.T.: 5.439 min
Delta R.T.: 0.000 min
Response: 64497350
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

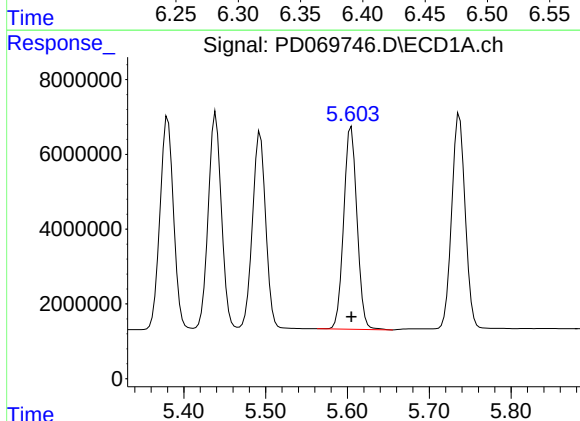
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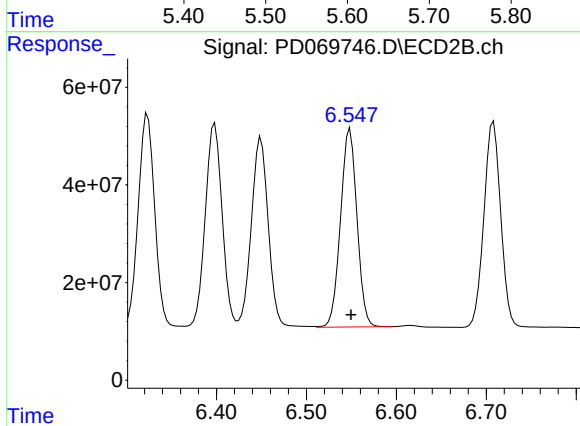
#11 alpha-Chlordane

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 549554737
Conc: 52.36 ng/ml



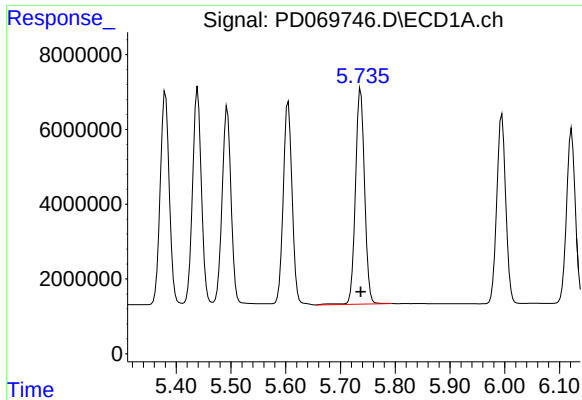
#12 4,4'-DDE

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 60881458
Conc: 52.60 ng/ml



#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 515841462
Conc: 51.97 ng/ml



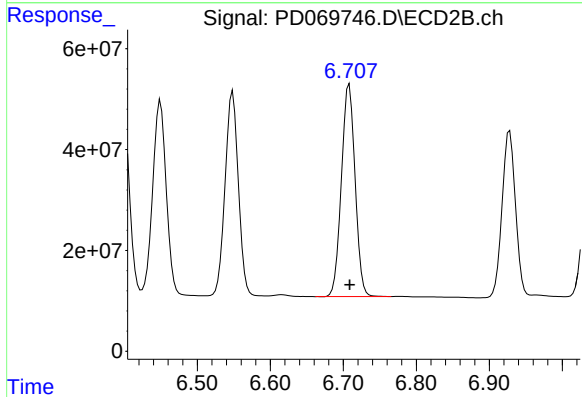
#13 Dieldrin

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 66680778
Conc: 53.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

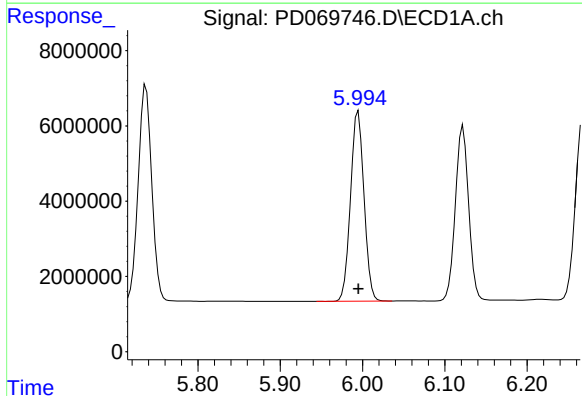
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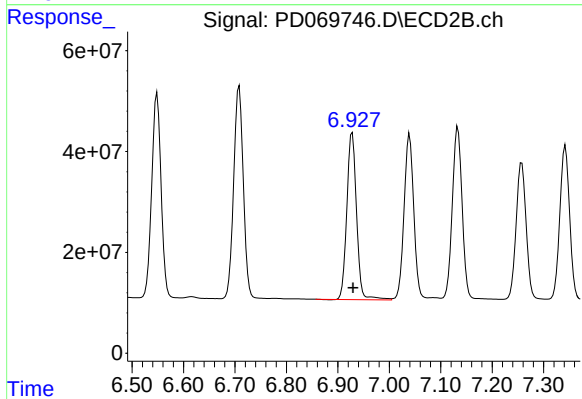
#13 Dieldrin

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 547690682
Conc: 53.50 ng/ml



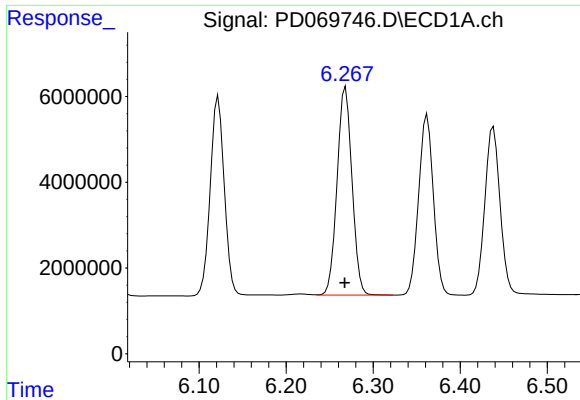
#14 Endrin

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 57479297
Conc: 51.73 ng/ml



#14 Endrin

R.T.: 6.928 min
Delta R.T.: -0.001 min
Response: 435009336
Conc: 53.52 ng/ml



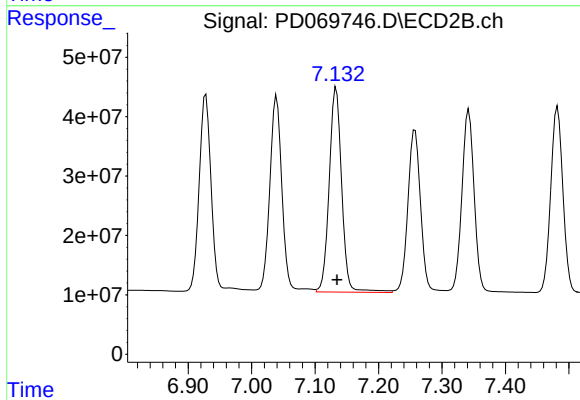
#15 Endosulfan II

R.T.: 6.268 min
Delta R.T.: 0.001 min
Response: 57781383
Conc: 55.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

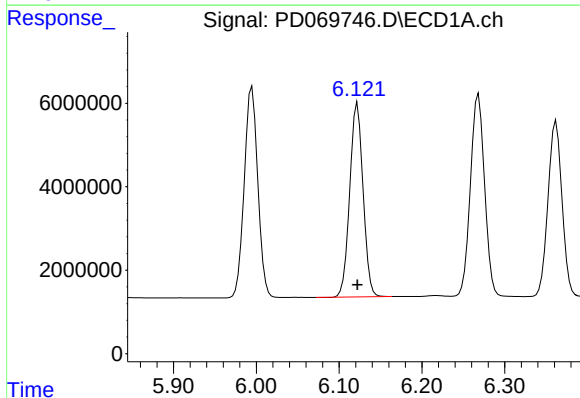
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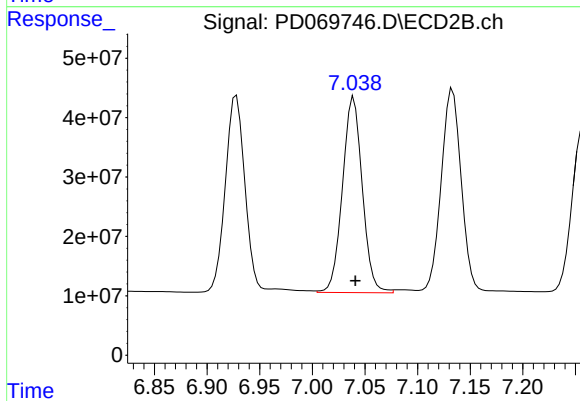
#15 Endosulfan II

R.T.: 7.133 min
Delta R.T.: -0.001 min
Response: 472789447
Conc: 57.48 ng/ml



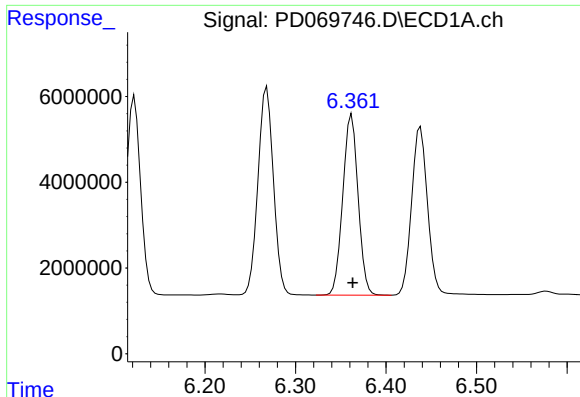
#16 4,4'-DDD

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 51916241
Conc: 52.15 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.001 min
Response: 433821406
Conc: 53.54 ng/ml



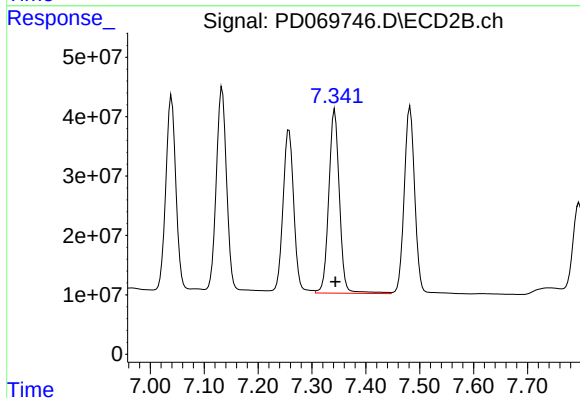
#17 4,4'-DDT

R.T.: 6.362 min
Delta R.T.: -0.001 min
Response: 49539530
Conc: 51.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

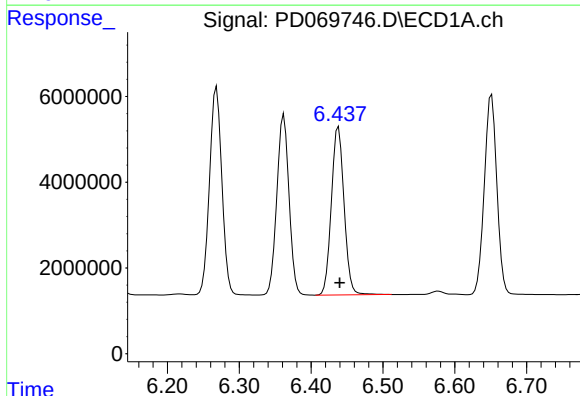
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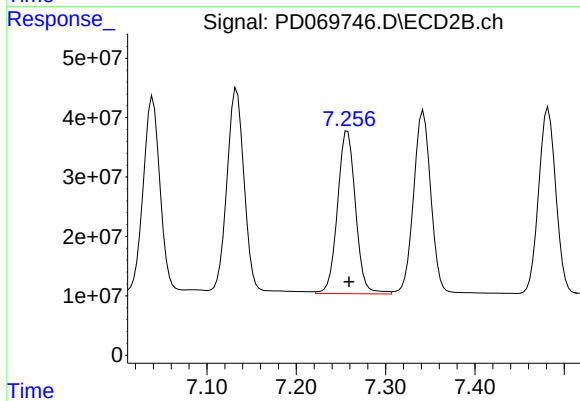
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.001 min
Response: 428109334
Conc: 52.06 ng/ml



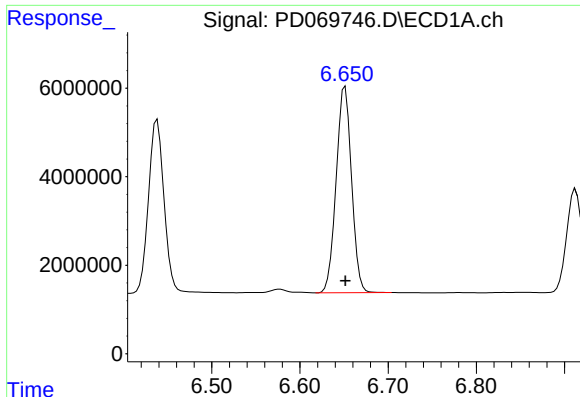
#18 Endrin aldehyde

R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 48084431
Conc: 55.92 ng/ml



#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 384030553
Conc: 60.19 ng/ml



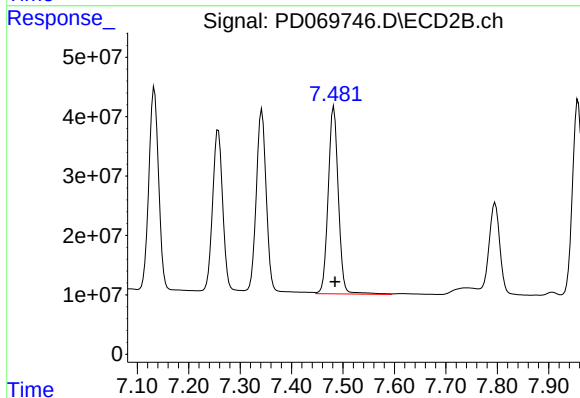
#19 Endosulfan Sulfate

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 56492125
Conc: 51.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

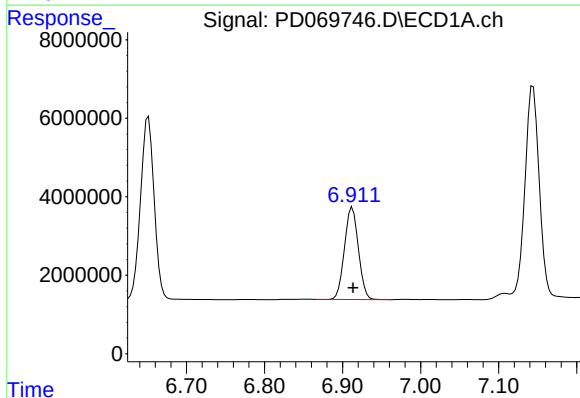
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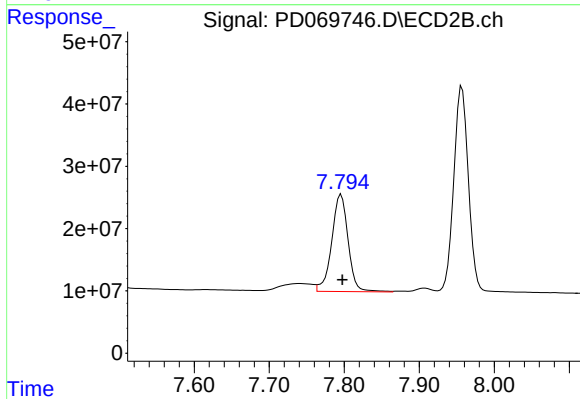
#19 Endosulfan Sulfate

R.T.: 7.482 min
Delta R.T.: -0.002 min
Response: 434901475
Conc: 54.44 ng/ml



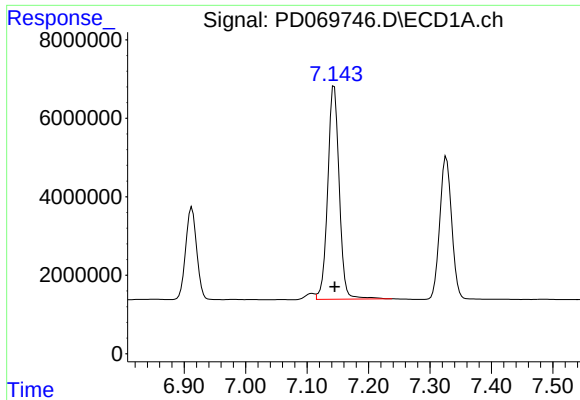
#20 Methoxychlor

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 29127468
Conc: 50.53 ng/ml



#20 Methoxychlor

R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 237209612
Conc: 57.53 ng/ml



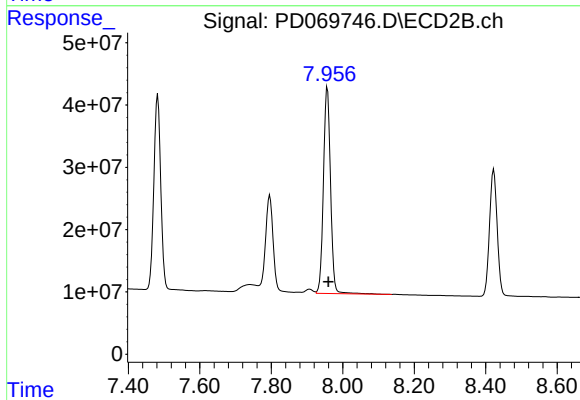
#21 Endrin ketone

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 70833486
Conc: 56.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

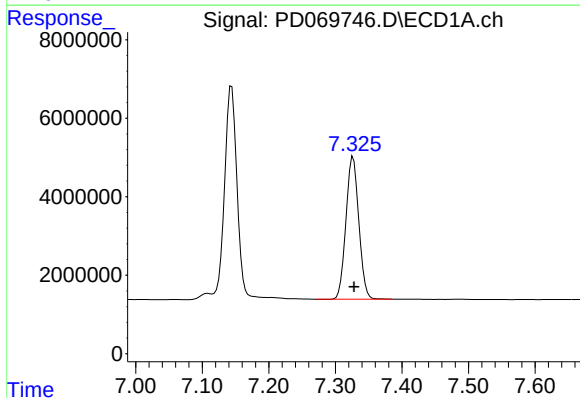
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Supervised By :Ankita Jodhani 06/08/2022



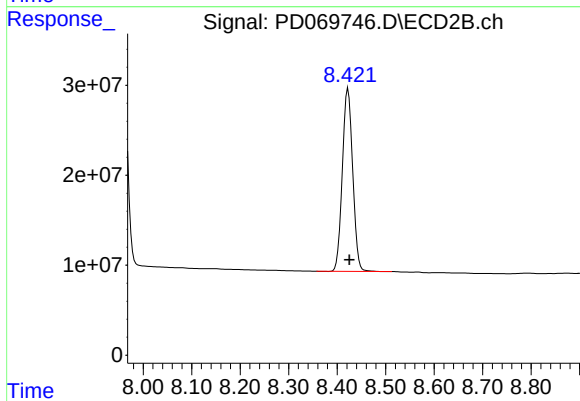
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.002 min
Response: 455773729
Conc: 54.56 ng/ml



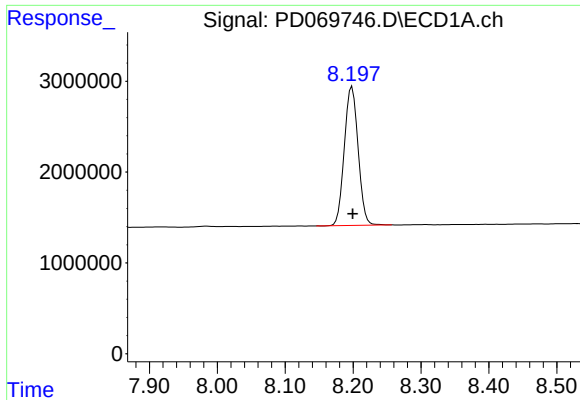
#22 Mirex

R.T.: 7.327 min
Delta R.T.: -0.001 min
Response: 48735062
Conc: 48.69 ng/ml



#22 Mirex

R.T.: 8.422 min
Delta R.T.: -0.003 min
Response: 302419182
Conc: 51.50 ng/ml



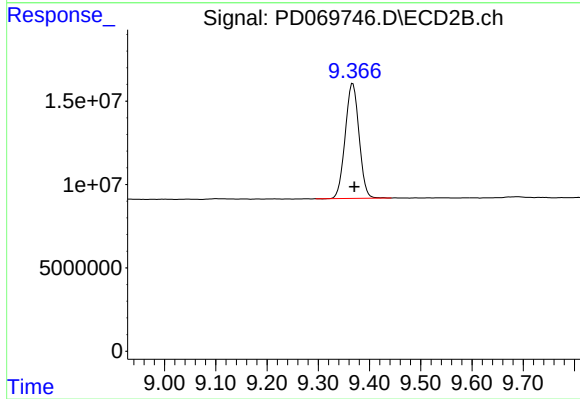
#28 Decachlorobiphenyl

R.T.: 8.198 min
Delta R.T.: 0.000 min
Response: 21537526
Conc: 19.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145014BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



#28 Decachlorobiphenyl

R.T.: 9.367 min
Delta R.T.: -0.003 min
Response: 129297029
Conc: 21.57 ng/ml