

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
 Data File : PD070165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 14:54
 Operator : AR\AJ
 Sample : PB145346BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145346BS

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: Jun 07 15:41:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 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...	3.448	4.168	19037199	185.1E6	17.535	18.967
28)	SA Decachlor...	8.200	9.362	21789446	125.6E6	19.593	20.423
Target Compounds							
2)	A alpha-BHC	3.886	4.564	86350819	766.9E6	52.794	52.623
3)	MA gamma-BHC...	4.170	4.855	79683171	720.5E6	51.748	53.395
4)	MA Heptachlor	4.467	5.382	78450777	699.8E6	50.732	53.459
5)	MB Aldrin	4.714	5.694	78299393	698.5E6	53.240	54.603
6)	B beta-BHC	4.421	5.019	33804818	331.4E6	46.988	54.425
7)	B delta-BHC	4.624	5.245	79990121	647.3E6	51.671	71.314 #
8)	B Heptachlo...	5.159	6.082	71451889	598.6E6	52.106	72.663 #
9)	A Endosulfan I	5.497	6.445	67498890	563.0E6	51.567	53.167
10)	B gamma-Chl...	5.383	6.319	72867191	623.7E6	52.441	54.268
11)	B alpha-Chl...	5.442	6.394	71854120	597.1E6	51.893	52.821
12)	B 4,4'-DDE	5.608	6.544	67023827	565.2E6	53.592	53.912
13)	MA Dieldrin	5.740	6.703	72442546	600.5E6	53.789	54.934
14)	MA Endrin	5.998	6.924	61867539	469.6E6	51.373	55.946
15)	B Endosulfa...	6.272	7.129	62369029	475.3E6	55.242	56.222
16)	A 4,4'-DDD	6.125	7.035	58647240	467.5E6	53.999	55.590
17)	MA 4,4'-DDT	6.365	7.338	55301351	433.9E6	52.127	50.555
18)	B Endrin al...	6.442	7.252	51377155	391.1E6	55.516	56.995m
19)	B Endosulfa...	6.655	7.479	62378776	458.8E6	52.706	55.081
20)	A Methoxychlor	6.916	7.792	32123340	227.2E6	52.104	53.880
21)	B Endrin ke...	7.147	7.953	74189247	490.2E6	55.115	56.494
22)	Mirex	7.329	8.419	53933497	328.6E6	51.643	53.498

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
Data File : PD070165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2022 14:54
Operator : AR\AJ
Sample : PB145346BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

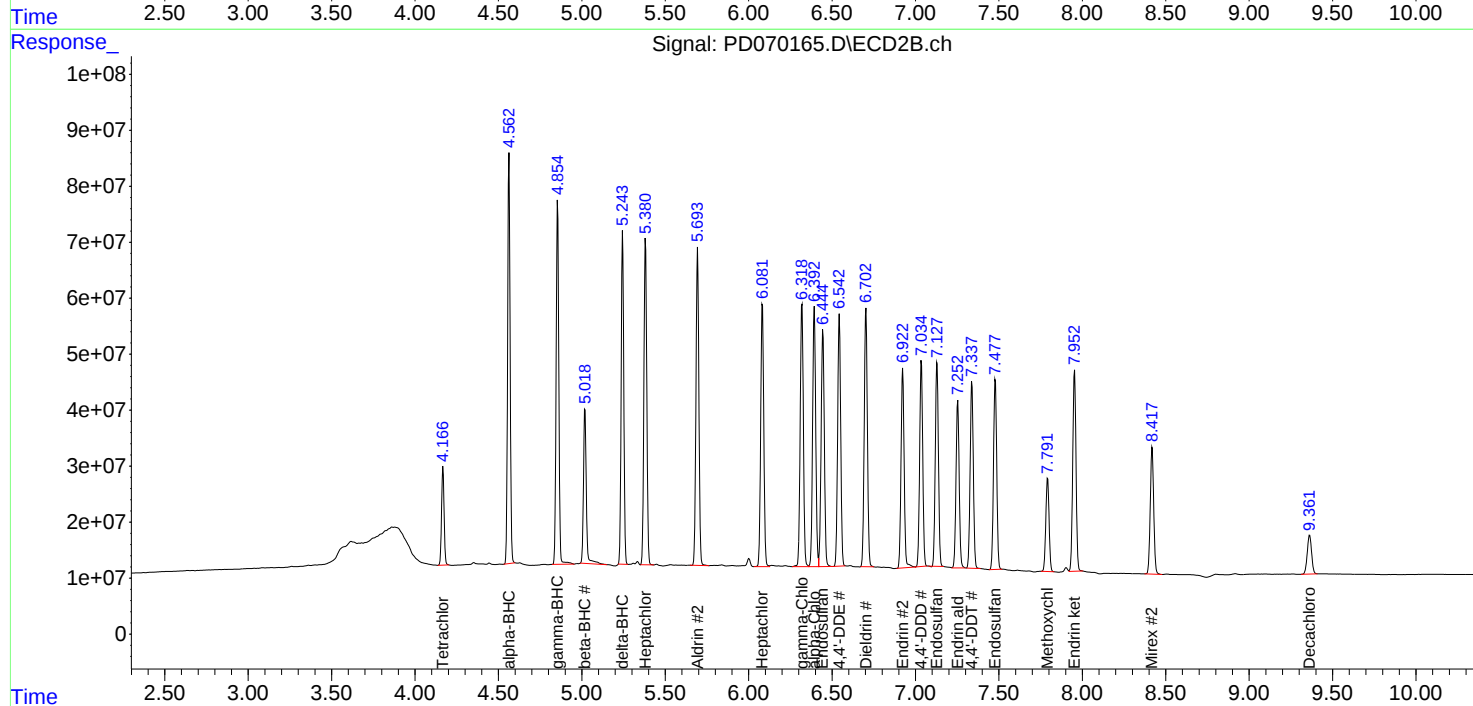
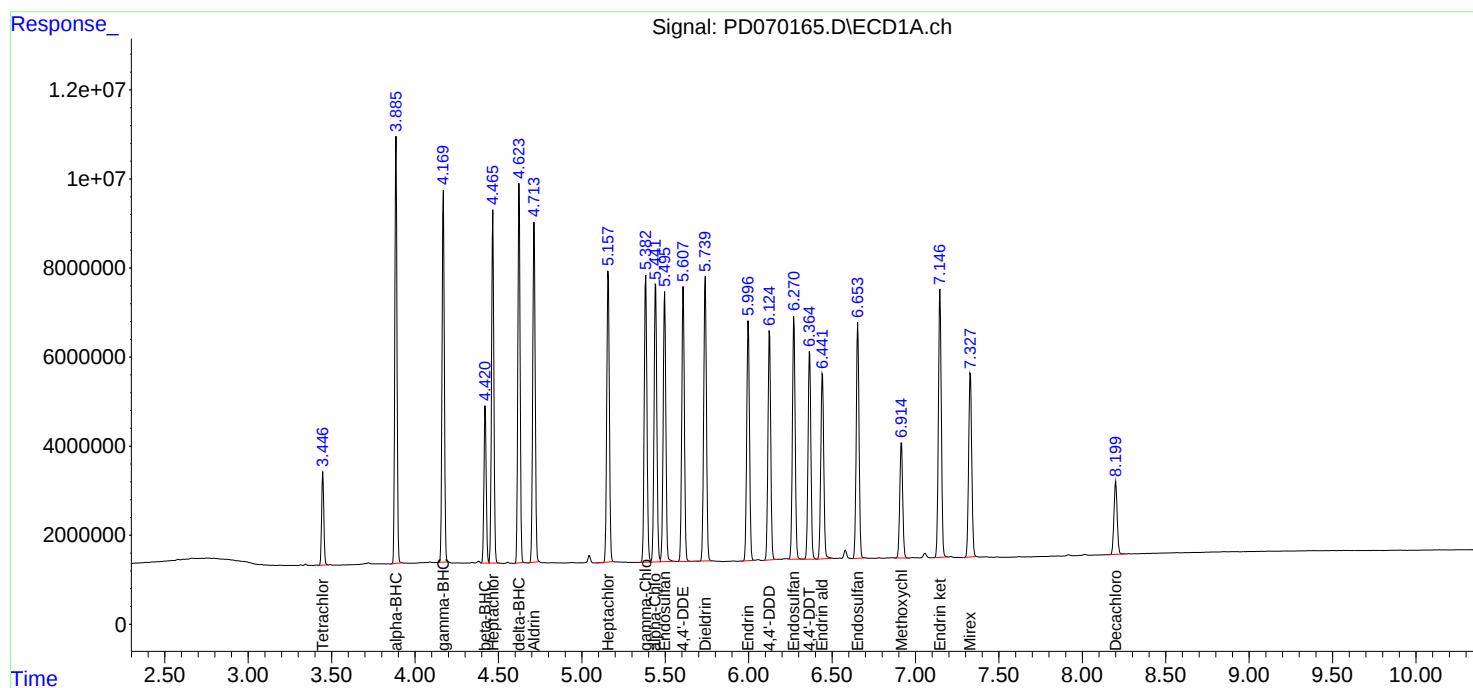
Instrument :
ECD_D
ClientSampleId :
PB145346BS

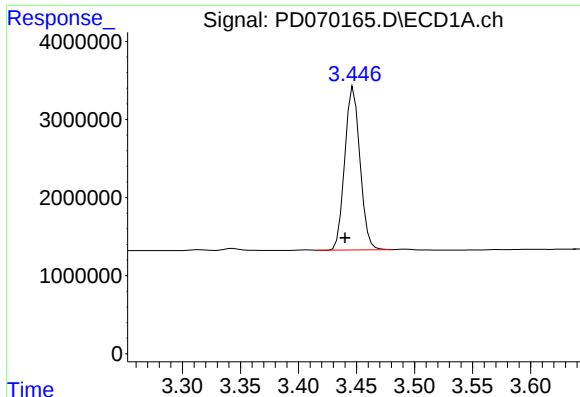
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 15:41:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
Quant Title : GC Extractables
QLast Update : Tue Jun 07 06:00:04 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.: 3.448 min
Delta R.T.: 0.008 min
Response: 19037199
Conc: 17.54 ng/ml

Instrument :

ECD_D

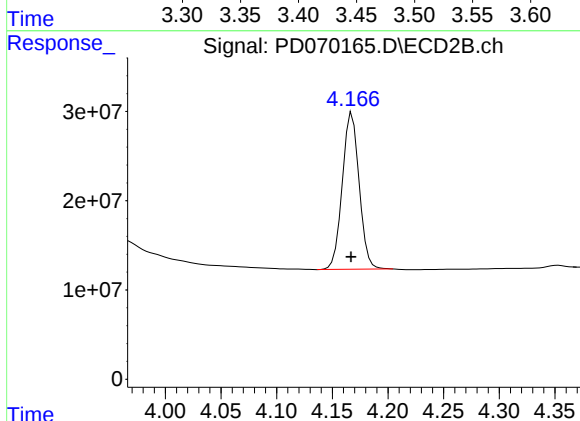
ClientSampleId :

PB145346BS

Manual Integrations

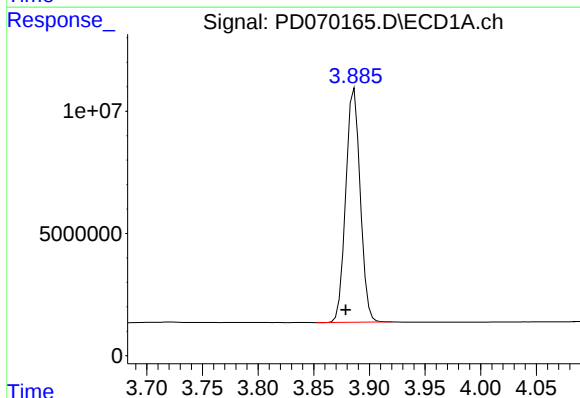
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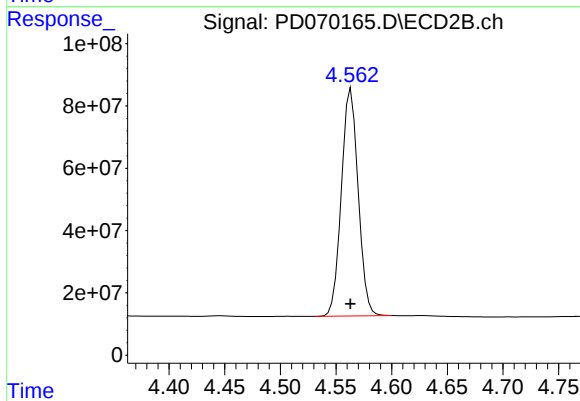
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.000 min
Response: 185141946
Conc: 18.97 ng/ml



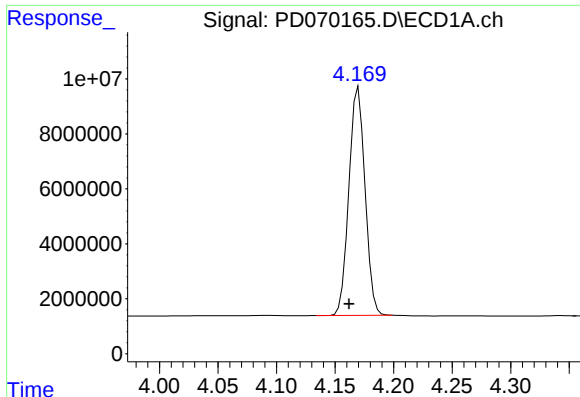
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.008 min
Response: 86350819
Conc: 52.79 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 766943145
Conc: 52.62 ng/ml



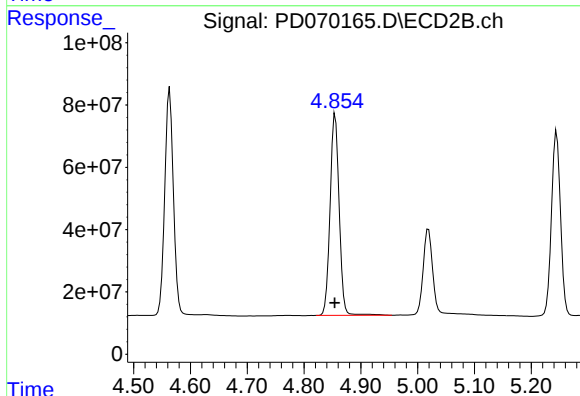
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: 0.008 min
Response: 79683171
Conc: 51.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

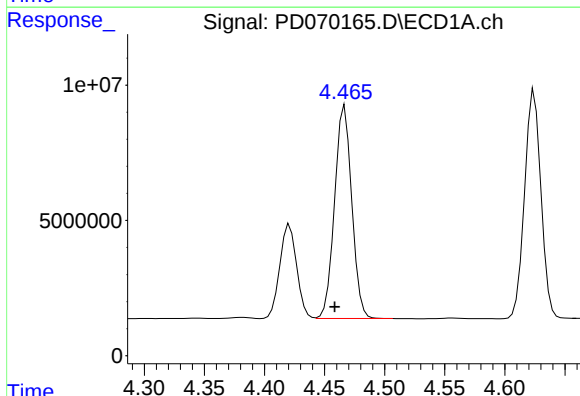
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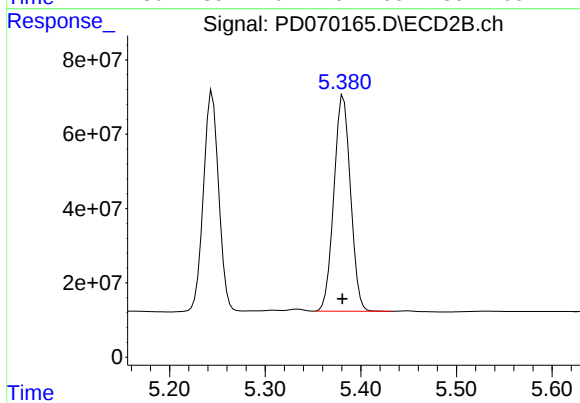
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 720496034
Conc: 53.40 ng/ml



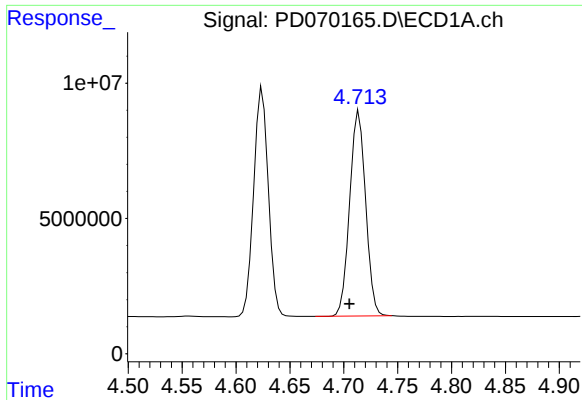
#4 Heptachlor

R.T.: 4.467 min
Delta R.T.: 0.008 min
Response: 78450777
Conc: 50.73 ng/ml



#4 Heptachlor

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 699764827
Conc: 53.46 ng/ml



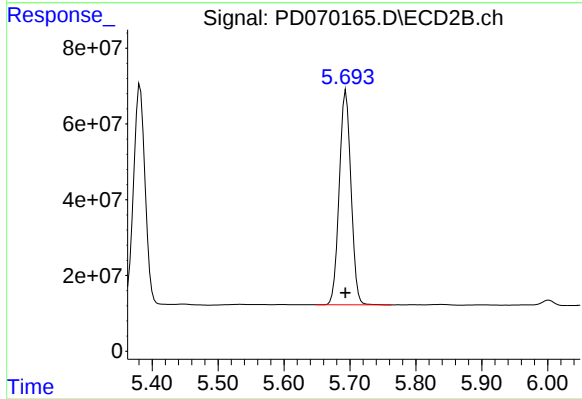
#5 Aldrin

R.T.: 4.714 min
Delta R.T.: 0.009 min
Response: 78299393
Conc: 53.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

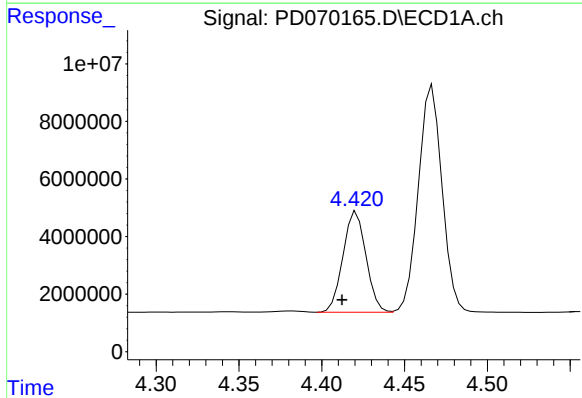
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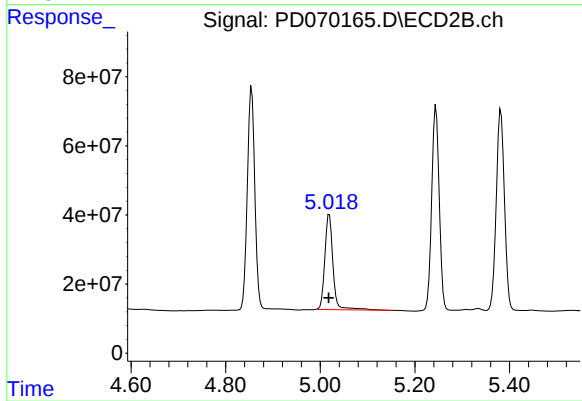
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 698473676
Conc: 54.60 ng/ml



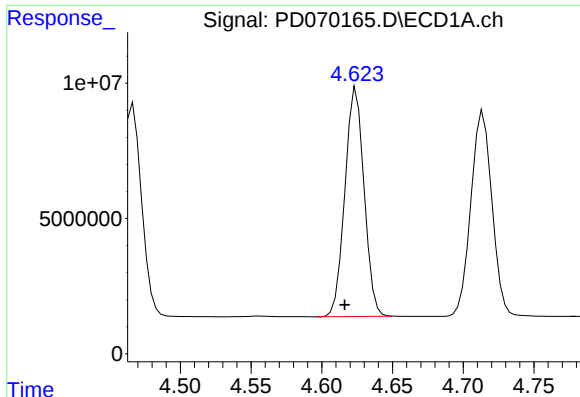
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.009 min
Response: 33804818
Conc: 46.99 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.001 min
Response: 331351224
Conc: 54.43 ng/ml



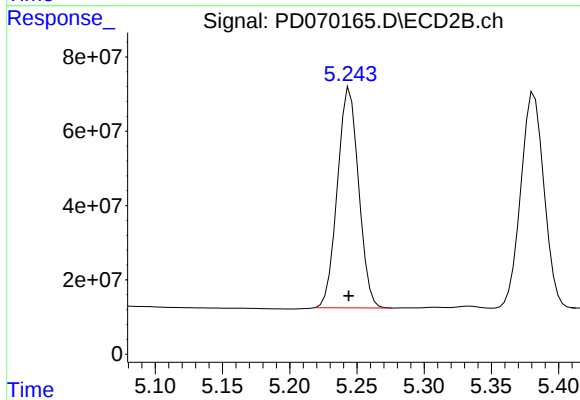
#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: 0.008 min
Response: 79990121
Conc: 51.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

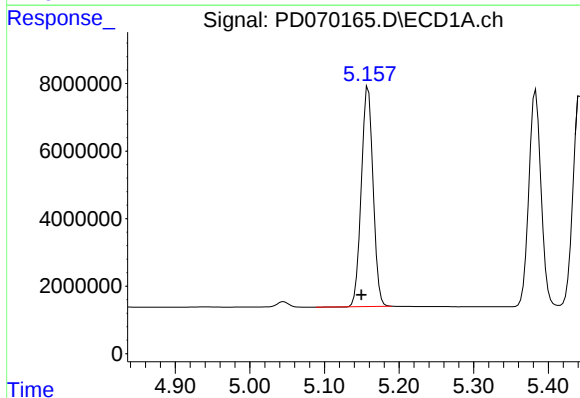
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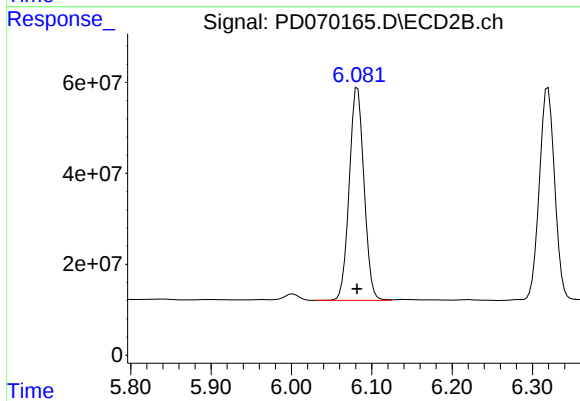
#7 delta-BHC

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 647343457
Conc: 71.31 ng/ml



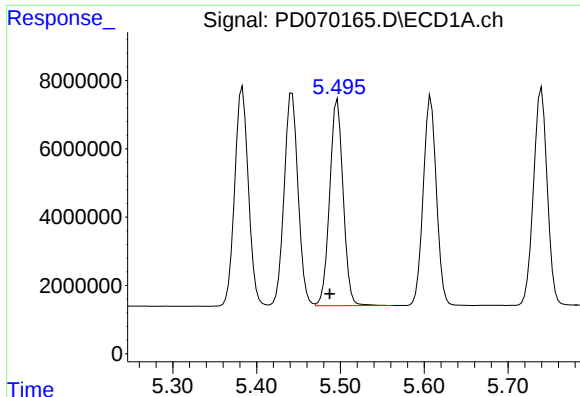
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: 0.009 min
Response: 71451889
Conc: 52.11 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 598617660
Conc: 72.66 ng/ml



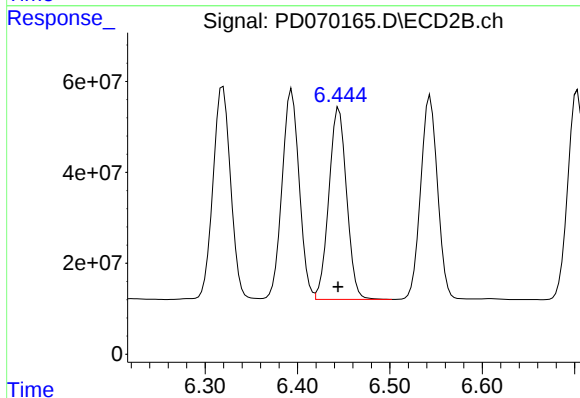
#9 Endosulfan I

R.T.: 5.497 min
Delta R.T.: 0.009 min
Response: 67498890
Conc: 51.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

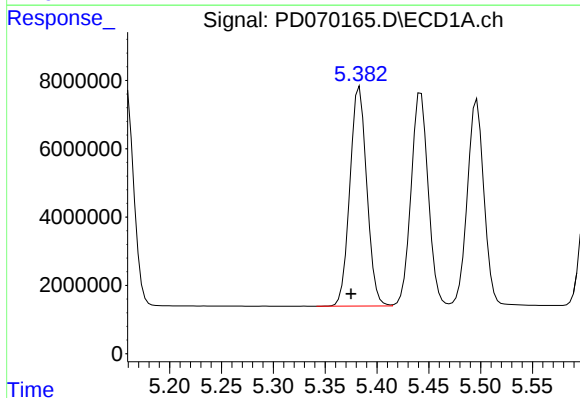
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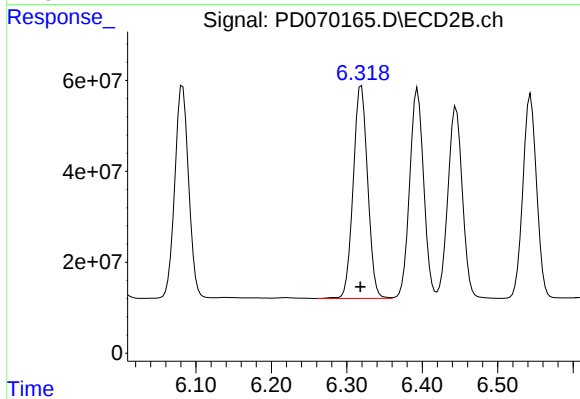
#9 Endosulfan I

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 563033929
Conc: 53.17 ng/ml



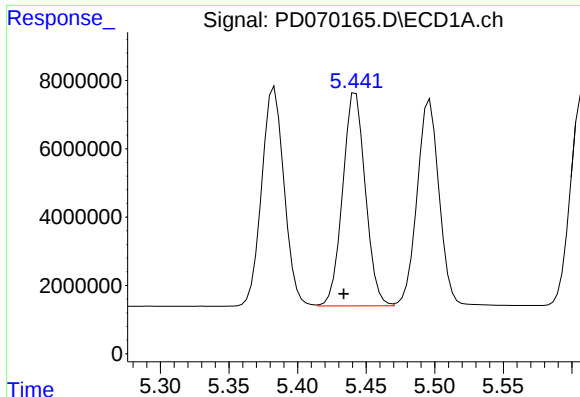
#10 gamma-Chlordane

R.T.: 5.383 min
Delta R.T.: 0.008 min
Response: 72867191
Conc: 52.44 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 623746983
Conc: 54.27 ng/ml



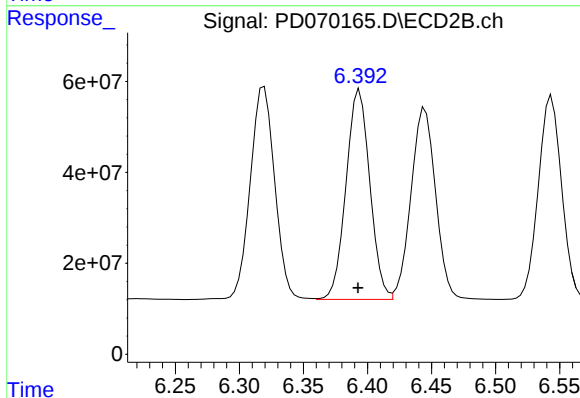
#11 alpha-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.009 min
Response: 71854120
Conc: 51.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

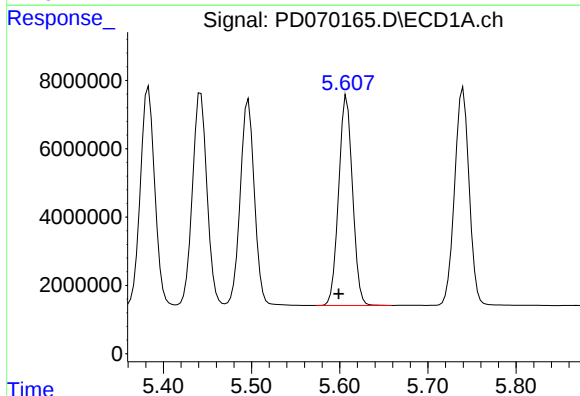
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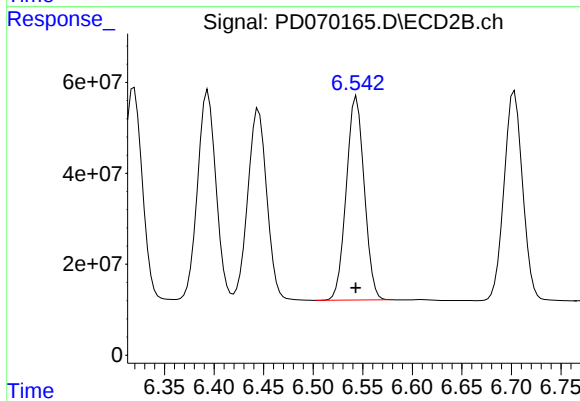
#11 alpha-Chlordane

R.T.: 6.394 min
Delta R.T.: 0.001 min
Response: 597120782
Conc: 52.82 ng/ml



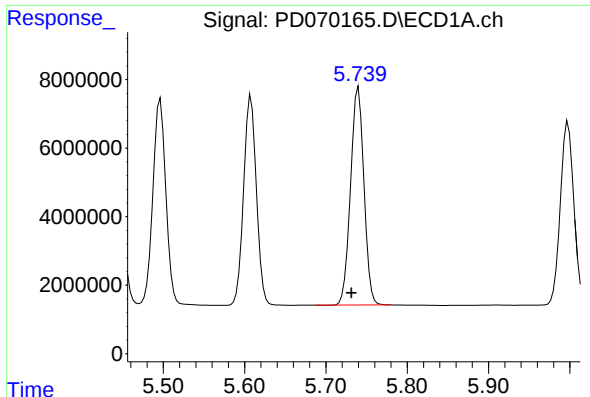
#12 4,4'-DDE

R.T.: 5.608 min
Delta R.T.: 0.009 min
Response: 67023827
Conc: 53.59 ng/ml



#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 565233617
Conc: 53.91 ng/ml



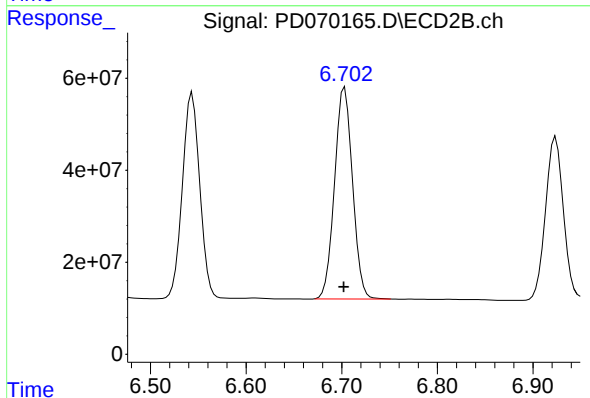
#13 Dieldrin

R.T.: 5.740 min
Delta R.T.: 0.009 min
Response: 72442546
Conc: 53.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

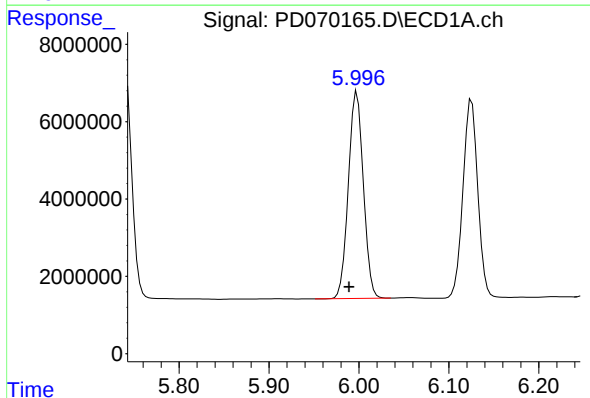
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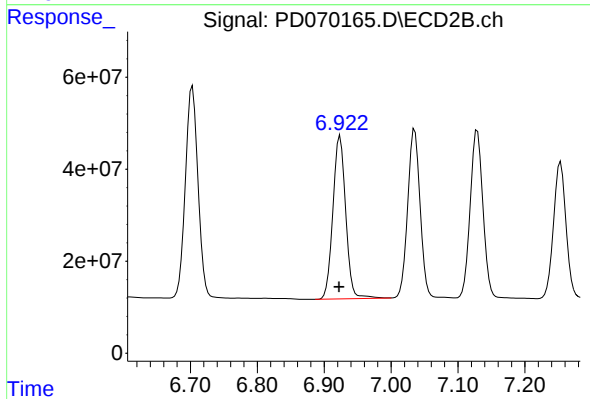
#13 Dieldrin

R.T.: 6.703 min
Delta R.T.: 0.001 min
Response: 600460311
Conc: 54.93 ng/ml



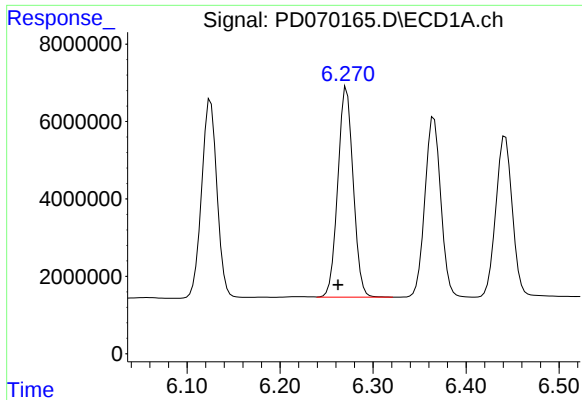
#14 Endrin

R.T.: 5.998 min
Delta R.T.: 0.009 min
Response: 61867539
Conc: 51.37 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 469610588
Conc: 55.95 ng/ml



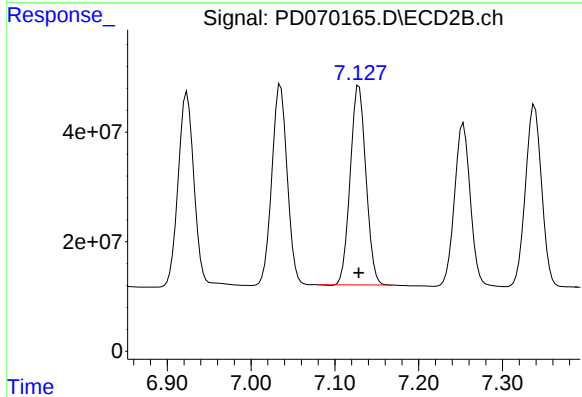
#15 Endosulfan II

R.T.: 6.272 min
Delta R.T.: 0.009 min
Response: 62369029
Conc: 55.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

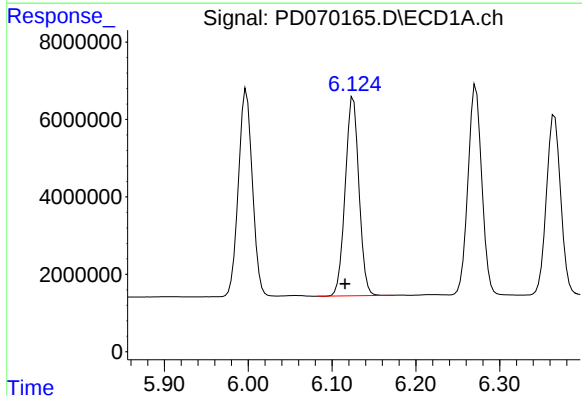
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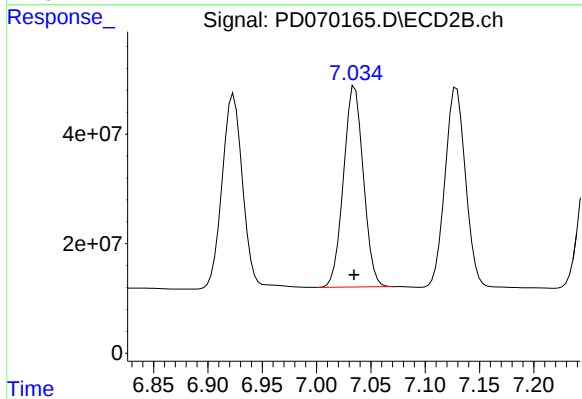
#15 Endosulfan II

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 475323935
Conc: 56.22 ng/ml



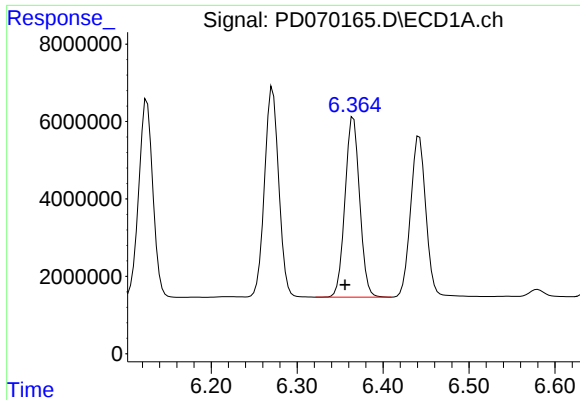
#16 4,4'-DDD

R.T.: 6.125 min
Delta R.T.: 0.010 min
Response: 58647240
Conc: 54.00 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 467542332
Conc: 55.59 ng/ml



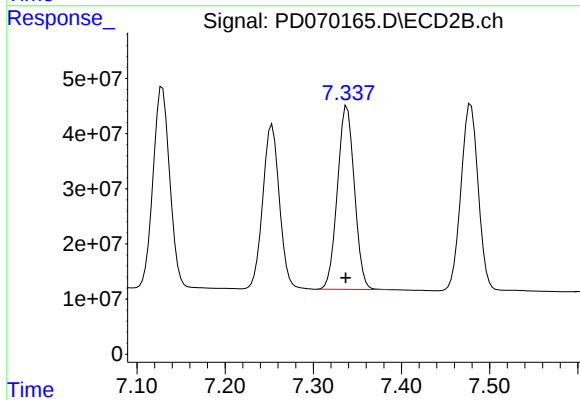
#17 4,4'-DDT

R.T.: 6.365 min
Delta R.T.: 0.010 min
Response: 55301351
Conc: 52.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

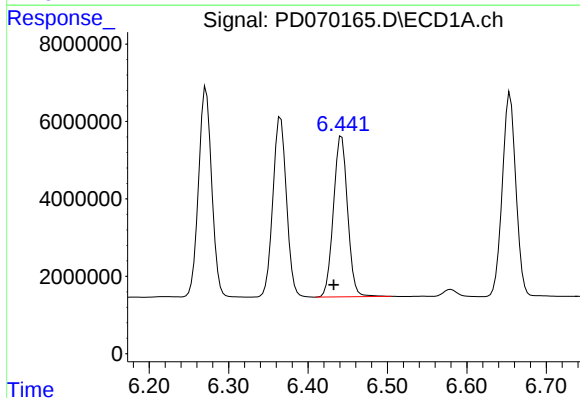
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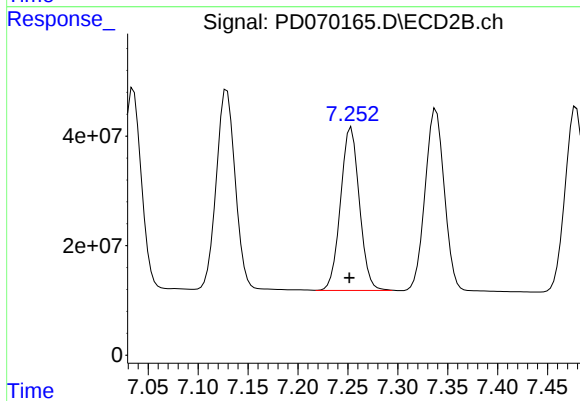
#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.001 min
Response: 433919170
Conc: 50.56 ng/ml



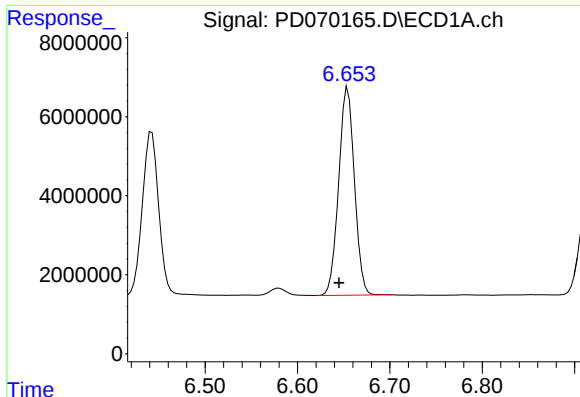
#18 Endrin aldehyde

R.T.: 6.442 min
Delta R.T.: 0.010 min
Response: 51377155
Conc: 55.52 ng/ml



#18 Endrin aldehyde

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 391130838
Conc: 56.99 ng/ml m



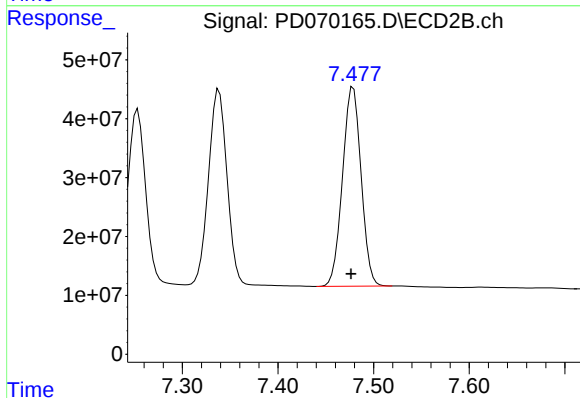
#19 Endosulfan Sulfate

R.T.: 6.655 min
Delta R.T.: 0.010 min
Response: 62378776
Conc: 52.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

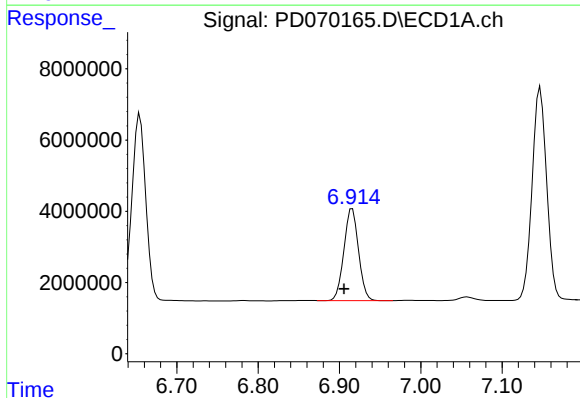
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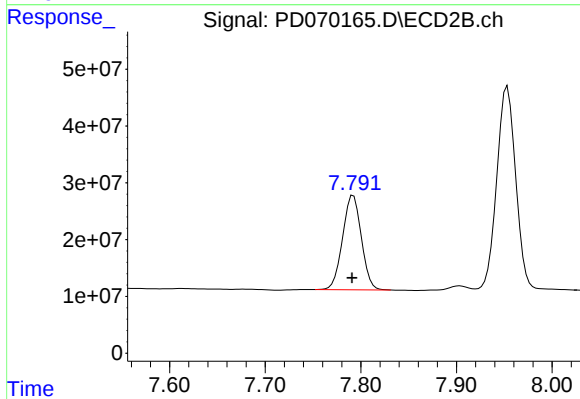
#19 Endosulfan Sulfate

R.T.: 7.479 min
Delta R.T.: 0.002 min
Response: 458795837
Conc: 55.08 ng/ml



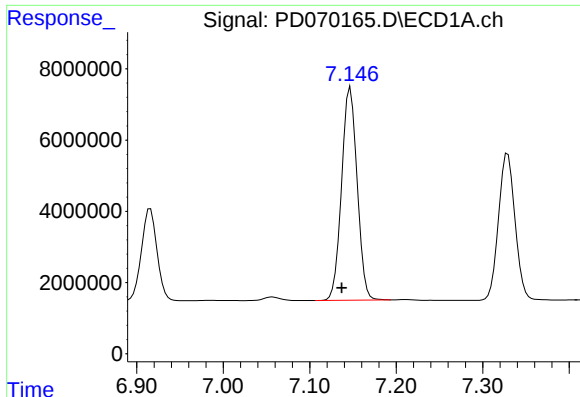
#20 Methoxychlor

R.T.: 6.916 min
Delta R.T.: 0.010 min
Response: 32123340
Conc: 52.10 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.001 min
Response: 227190488
Conc: 53.88 ng/ml



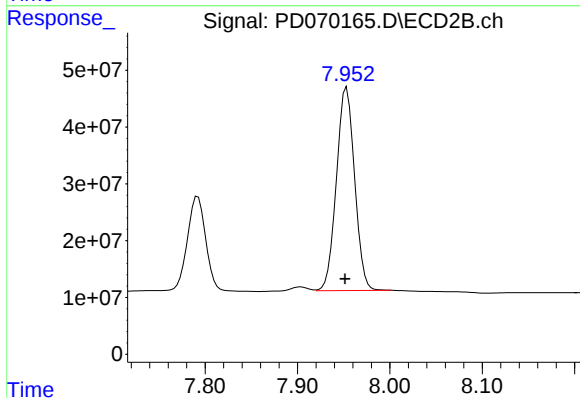
#21 Endrin ketone

R.T.: 7.147 min
Delta R.T.: 0.010 min
Response: 74189247
Conc: 55.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145346BS

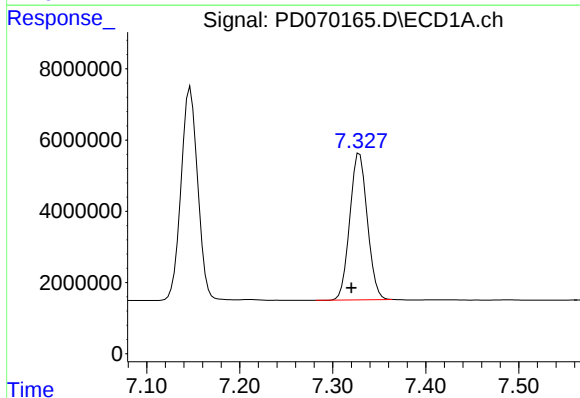
Manual Integrations
APPROVED

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



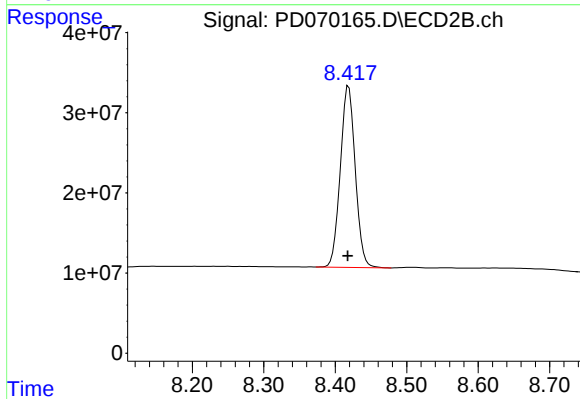
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: 0.002 min
Response: 490195471
Conc: 56.49 ng/ml



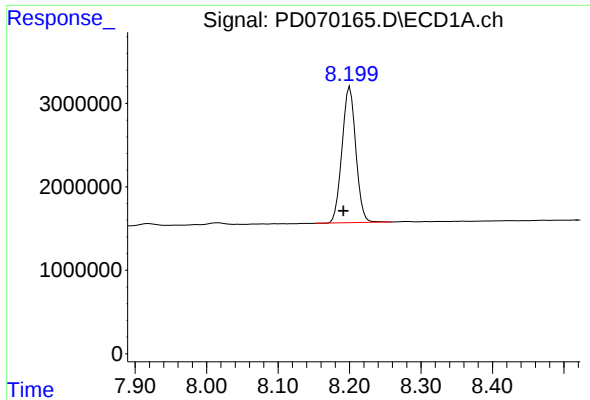
#22 Mirex

R.T.: 7.329 min
Delta R.T.: 0.009 min
Response: 53933497
Conc: 51.64 ng/ml



#22 Mirex

R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 328640112
Conc: 53.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min
Delta R.T.: 0.009 min
Response: 21789446
Conc: 19.59 ng/ml

Instrument :

ECD_D

ClientSampleId :

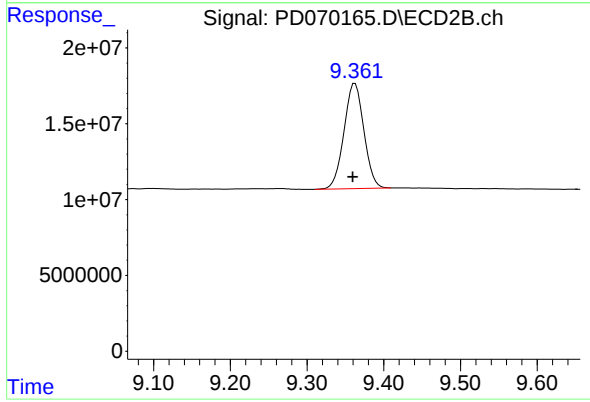
PB145346BS

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#28 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: 0.003 min
Response: 125614596
Conc: 20.42 ng/ml