

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091422\
 Data File : PD071867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 15:35
 Operator : AR\AJ
 Sample : PB147608BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB147608BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2022
 Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 04:58:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.813	3.565	43045112	570.3E6	17.603	19.875
28)	SA Decachlor...	8.002	9.093	45400027	194.7E6	18.021	20.939
Target Compounds							
2)	A alpha-BHC	3.322	4.031	213.0E6	2199.2E6	55.263	54.804
3)	MA gamma-BHC...	3.655	4.367	192.7E6	1793.5E6	54.884	54.627
4)	MA Heptachlor	4.002	4.944	204.1E6	1336.6E6	54.590	55.319
5)	MB Aldrin	4.285	5.287	202.0E6	1111.9E6	55.175	54.850
6)	B beta-BHC	3.953	4.574	78128833	691.2E6	51.567	52.294
7)	B delta-BHC	4.188	4.821	188.7E6	1351.6E6	53.539	57.823
8)	B Heptachlo...	4.792	5.719	181.1E6	904.0E6	55.381	58.628
9)	A Endosulfan I	5.165	6.106	171.4E6	818.2E6	53.936	55.500
10)	B gamma-Chl...	5.044	5.974	186.3E6	880.6E6	55.260	54.803
11)	B alpha-Chl...	5.109	6.051	183.0E6	856.9E6	55.146	54.921
12)	B 4,4'-DDE	5.300	6.224	172.1E6	825.8E6	56.240	56.055
13)	MA Dieldrin	5.432	6.384	181.5E6	854.9E6	54.268	56.402
14)	MA Endrin	5.709	6.617	150.9E6	683.7E6	50.919	54.129
15)	B Endosulfa...	6.004	6.843	140.5E6	666.4E6	51.010	53.819
16)	A 4,4'-DDD	5.857	6.748	143.9E6	690.9E6	56.770	58.127
17)	MA 4,4'-DDT	6.111	7.060	142.3E6	682.7E6	54.075	55.264
18)	B Endrin al...	6.185	6.974	111.6E6	533.8E6	50.482	55.289
19)	B Endosulfa...	6.409	7.207	140.9E6	627.7E6	52.530	56.286
20)	A Methoxychlor	6.689	7.536	74330254	327.2E6	49.641	53.819
21)	B Endrin ke...	6.917	7.698	165.7E6	712.7E6	55.207m	57.307
22)	Mirex	7.104	8.161	121.7E6	470.6E6	51.624	54.343

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091422\
Data File : PD071867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2022 15:35
Operator : AR\AJ
Sample : PB147608BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

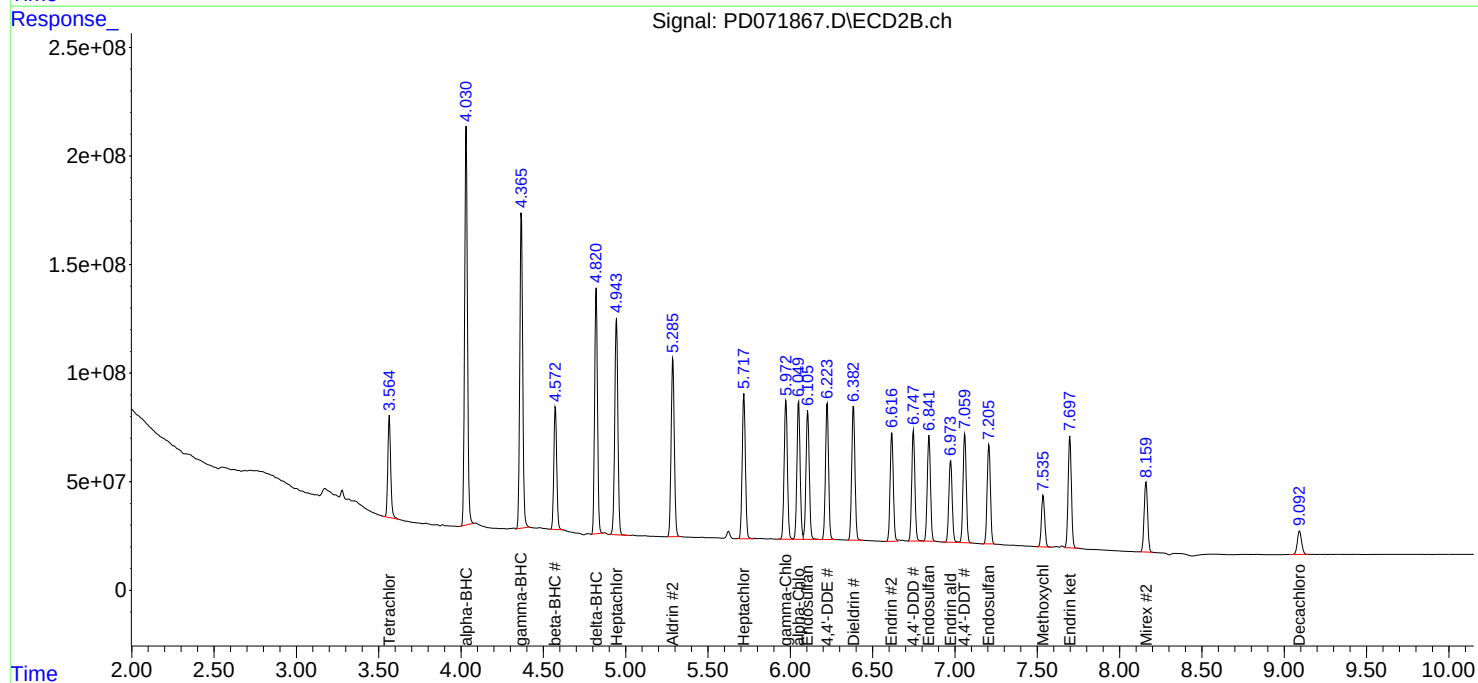
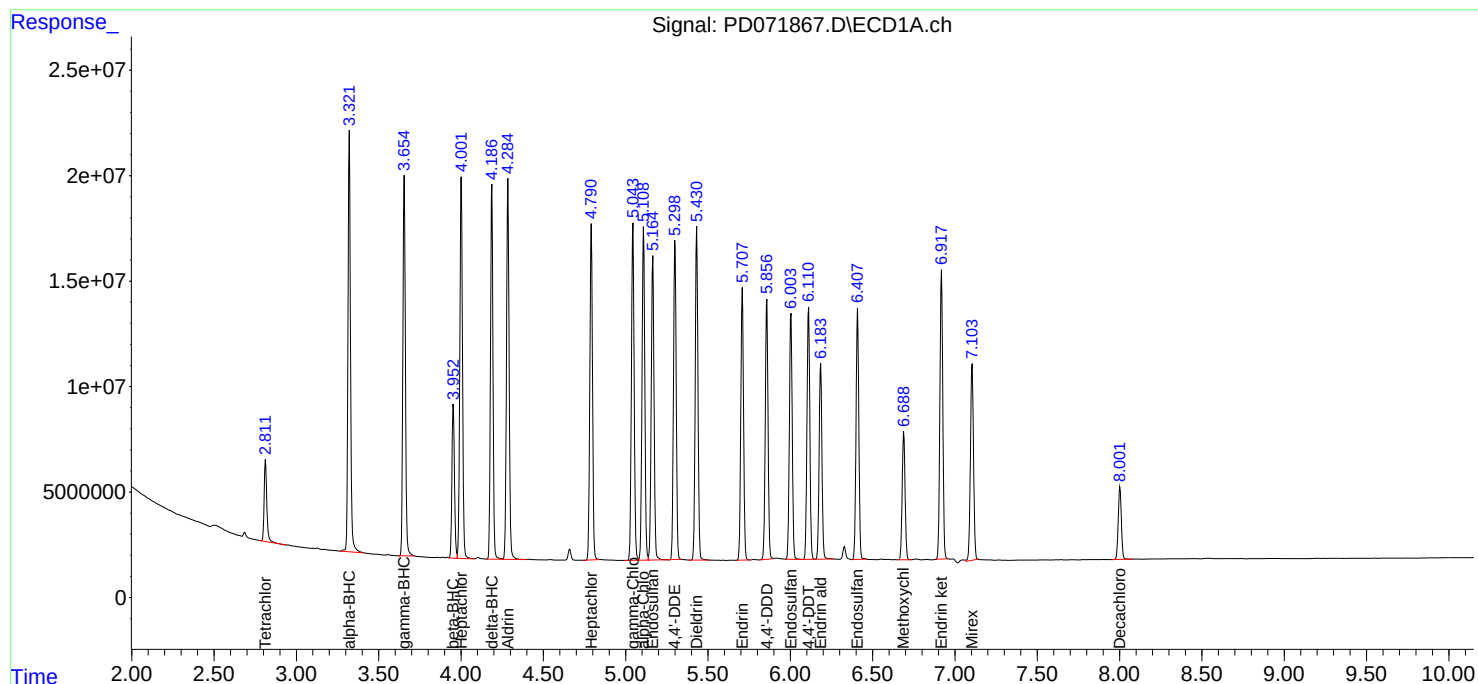
Instrument :
ECD_D
ClientSampleId :
PB147608BS

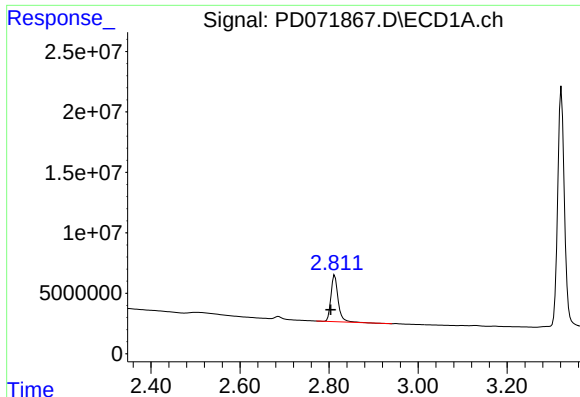
Manual Integrations
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Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 04:58:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 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





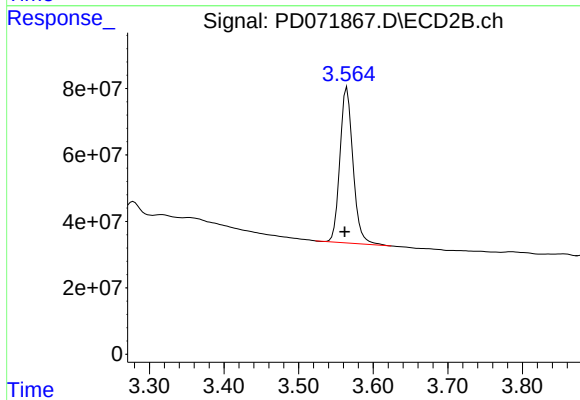
#1 Tetrachloro-m-xylene

R.T.: 2.813 min
Delta R.T.: 0.009 min
Response: 43045112
Conc: 17.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147608BS

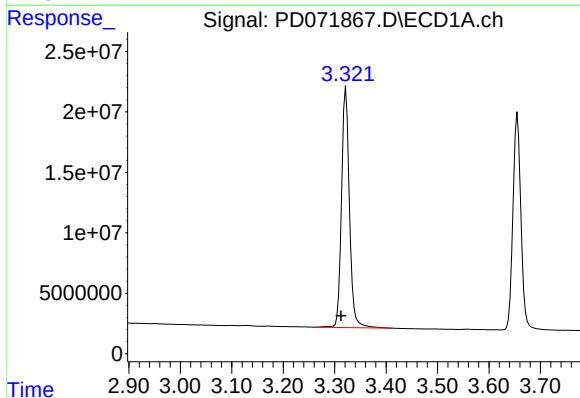
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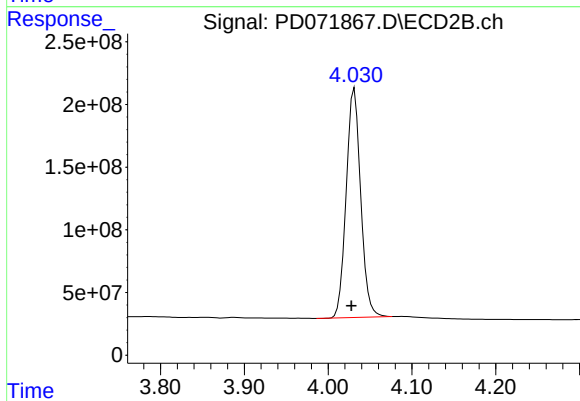
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.003 min
Response: 570313437
Conc: 19.87 ng/ml



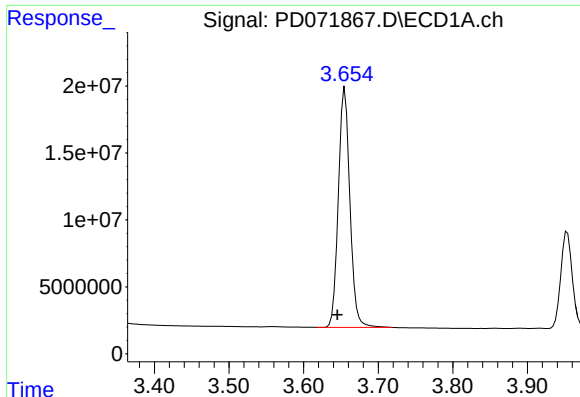
#2 alpha-BHC

R.T.: 3.322 min
Delta R.T.: 0.010 min
Response: 212972599
Conc: 55.26 ng/ml



#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.004 min
Response: 2199247722
Conc: 54.80 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.655 min
Delta R.T.: 0.010 min
Response: 192705472
Conc: 54.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

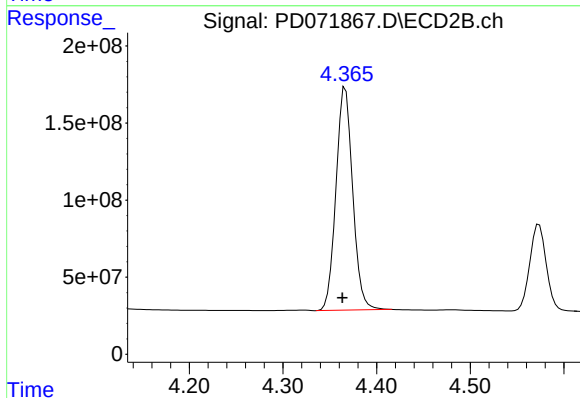
PB147608BS

Manual Integrations

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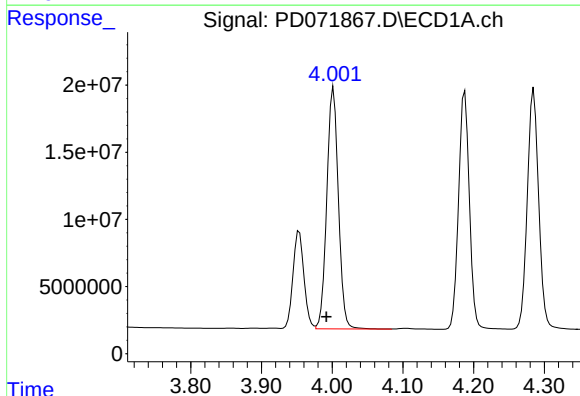
Reviewed By :Abdul Mirza 09/14/2022

Supervised By :Ankita Jodhani 09/14/2022



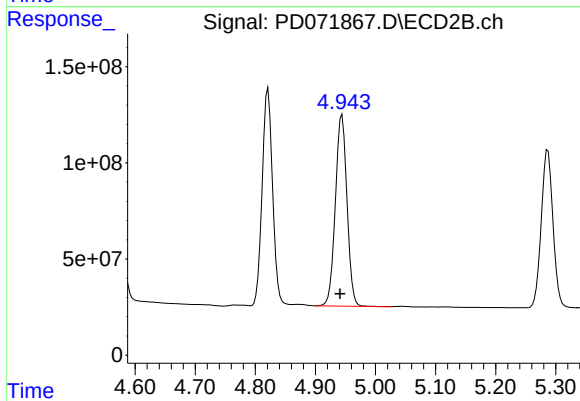
#3 gamma-BHC (Lindane)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 1793532255
Conc: 54.63 ng/ml



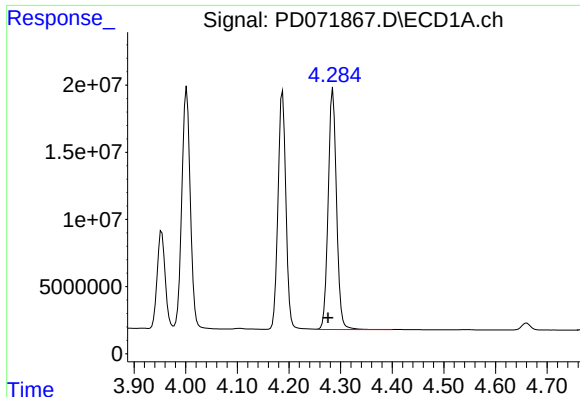
#4 Heptachlor

R.T.: 4.002 min
Delta R.T.: 0.010 min
Response: 204098335
Conc: 54.59 ng/ml



#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 1336628092
Conc: 55.32 ng/ml



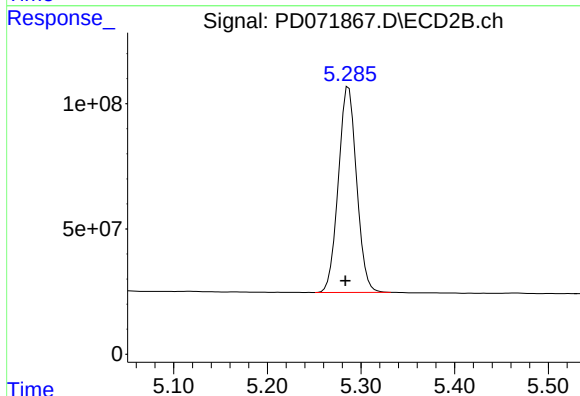
#5 Aldrin

R.T.: 4.285 min
Delta R.T.: 0.010 min
Response: 202041821
Conc: 55.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147608BS

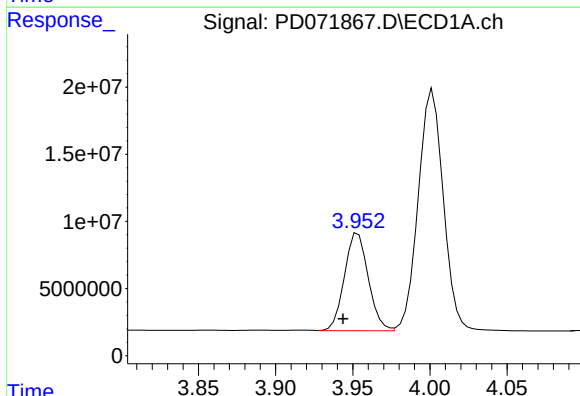
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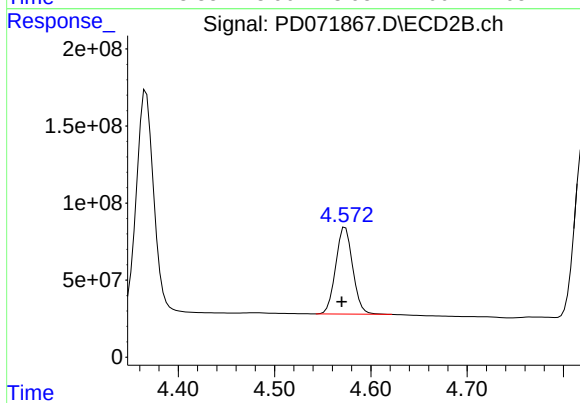
#5 Aldrin

R.T.: 5.287 min
Delta R.T.: 0.004 min
Response: 1111922438
Conc: 54.85 ng/ml



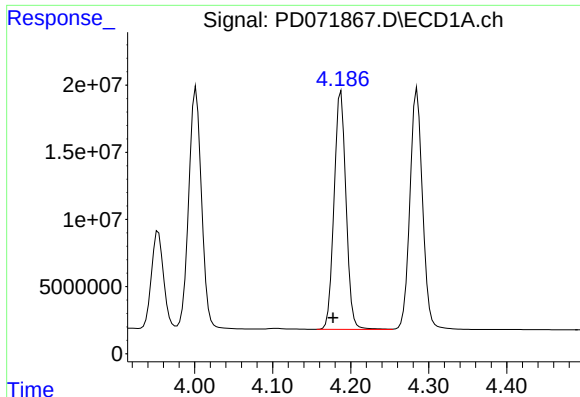
#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: 0.010 min
Response: 78128833
Conc: 51.57 ng/ml



#6 beta-BHC

R.T.: 4.574 min
Delta R.T.: 0.004 min
Response: 691155873
Conc: 52.29 ng/ml



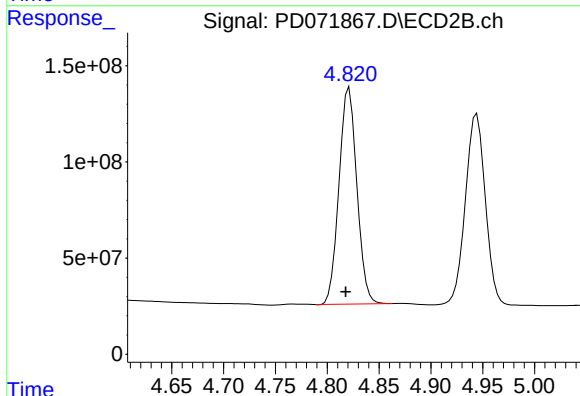
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.010 min
Response: 188678861
Conc: 53.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147608BS

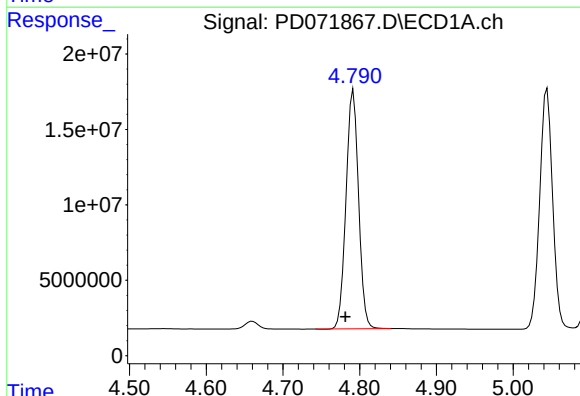
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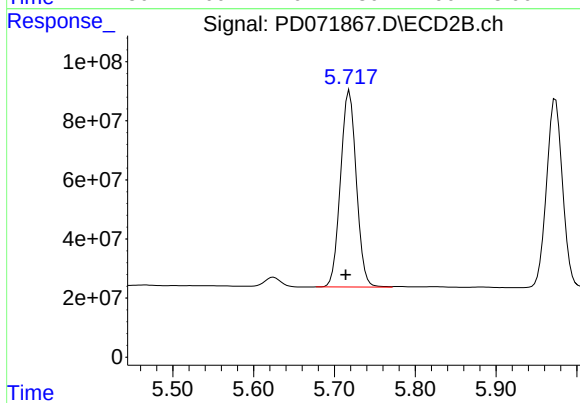
#7 delta-BHC

R.T.: 4.821 min
Delta R.T.: 0.003 min
Response: 1351591305
Conc: 57.82 ng/ml



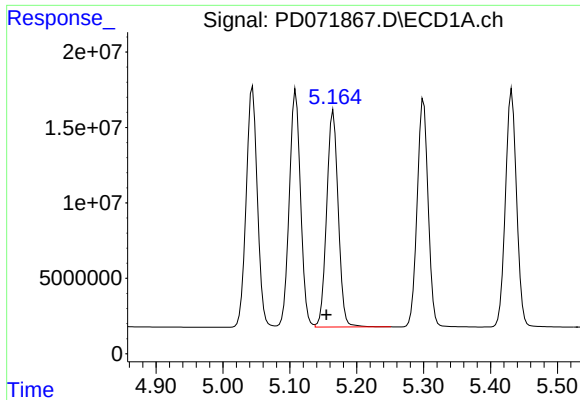
#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.010 min
Response: 181095419
Conc: 55.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.004 min
Response: 904033379
Conc: 58.63 ng/ml



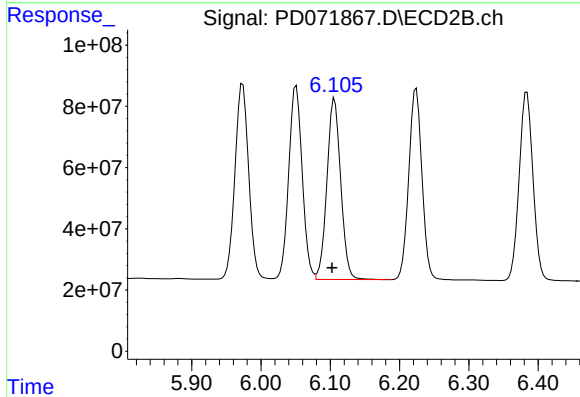
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: 0.010 min
Response: 171418164
Conc: 53.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147608BS

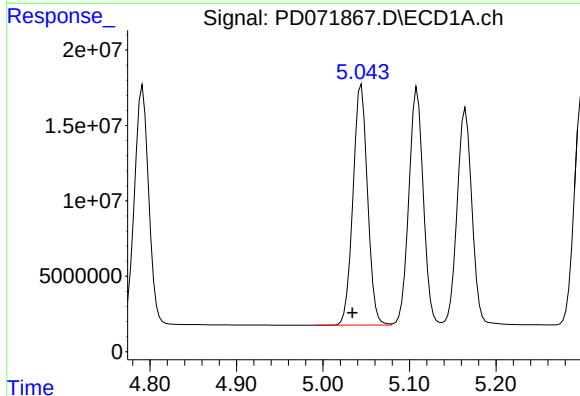
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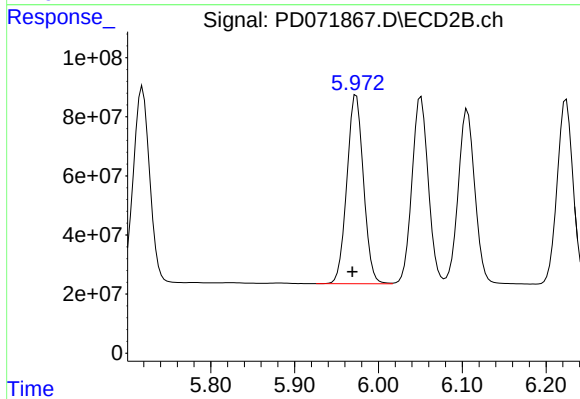
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.004 min
Response: 818184681
Conc: 55.50 ng/ml



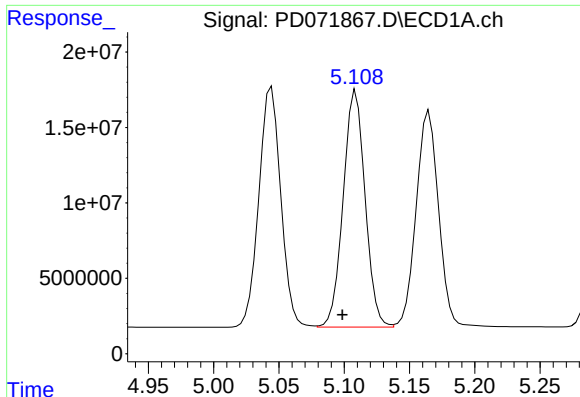
#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.010 min
Response: 186282314
Conc: 55.26 ng/ml



#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.005 min
Response: 880553868
Conc: 54.80 ng/ml



#11 alpha-Chlordane

R.T.: 5.109 min
Delta R.T.: 0.010 min
Response: 183012316
Conc: 55.15 ng/ml

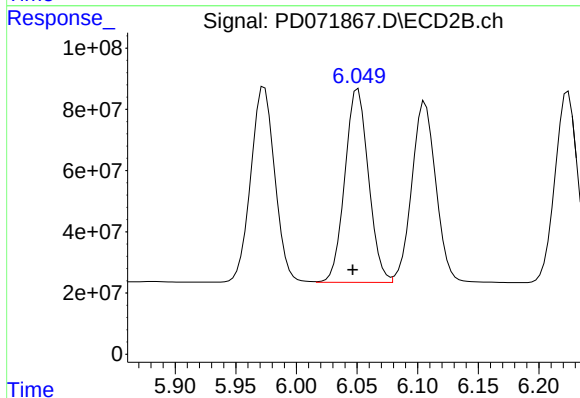
Instrument :

ECD_D

ClientSampleId :
PB147608BS

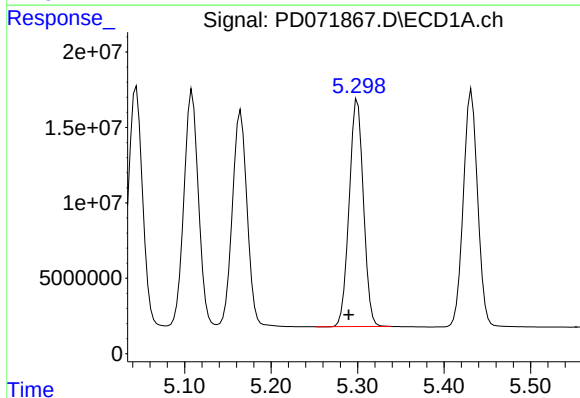
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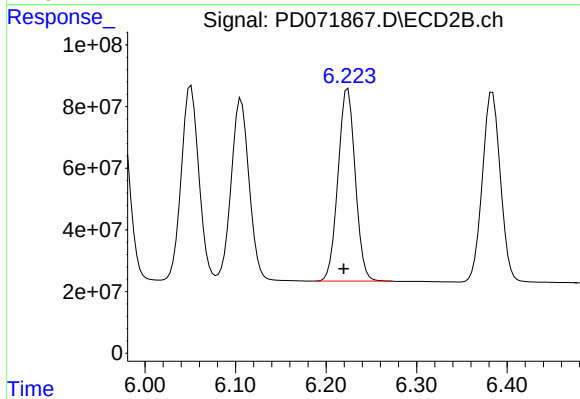
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.004 min
Response: 856907935
Conc: 54.92 ng/ml



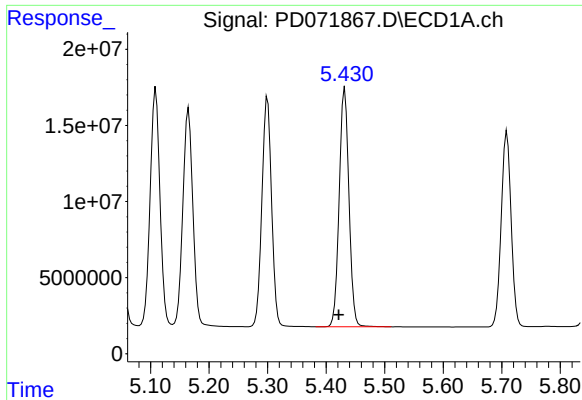
#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: 0.010 min
Response: 172078257
Conc: 56.24 ng/ml



#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.005 min
Response: 825763074
Conc: 56.06 ng/ml



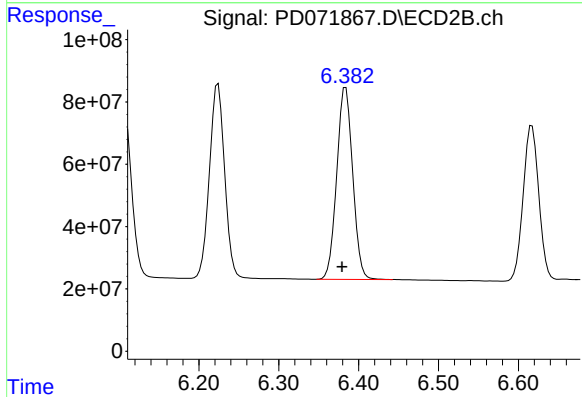
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: 0.010 min
Response: 181508411
Conc: 54.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147608BS

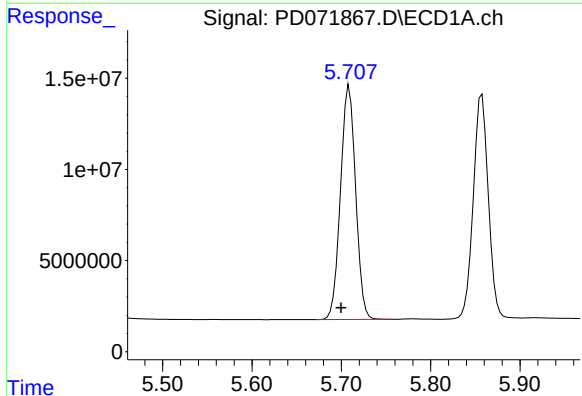
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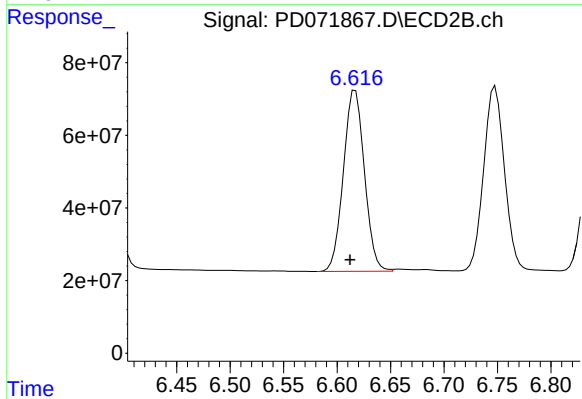
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 854888510
Conc: 56.40 ng/ml



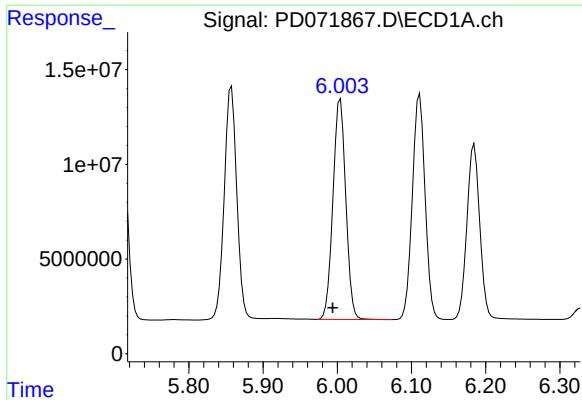
#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.009 min
Response: 150862080
Conc: 50.92 ng/ml



#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.005 min
Response: 683677281
Conc: 54.13 ng/ml



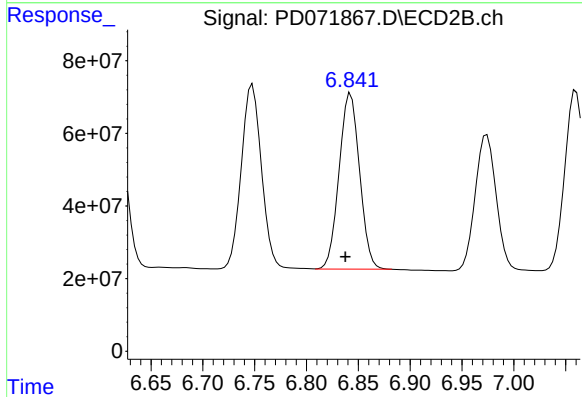
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.010 min
Response: 140509656
Conc: 51.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147608BS

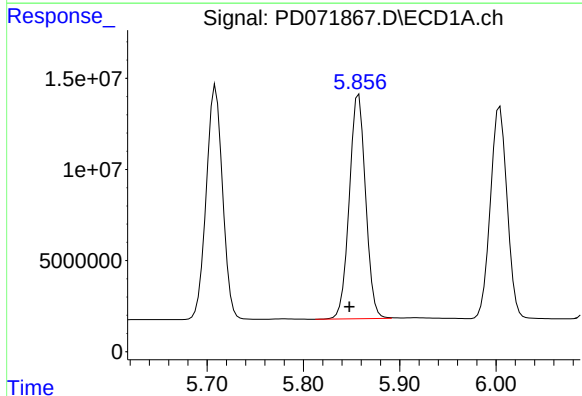
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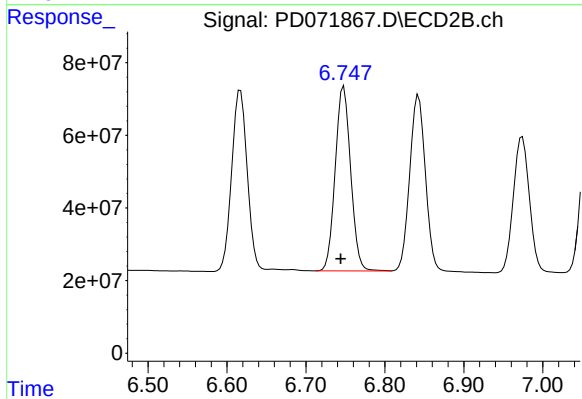
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: 0.005 min
Response: 666423568
Conc: 53.82 ng/ml



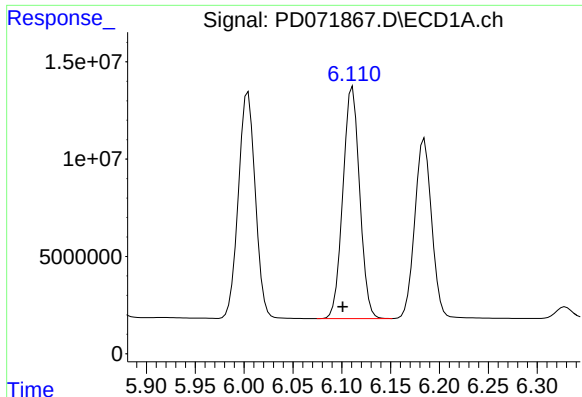
#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: 0.010 min
Response: 143942852
Conc: 56.77 ng/ml



#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.004 min
Response: 690864779
Conc: 58.13 ng/ml



#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: 0.010 min
Response: 142325729
Conc: 54.08 ng/ml

Instrument :

ECD_D

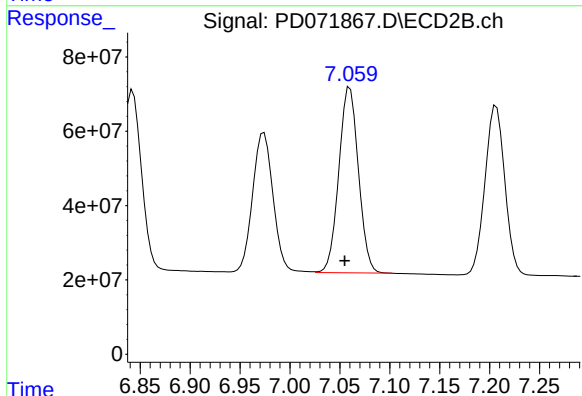
ClientSampleId :

PB147608BS

Manual Integrations

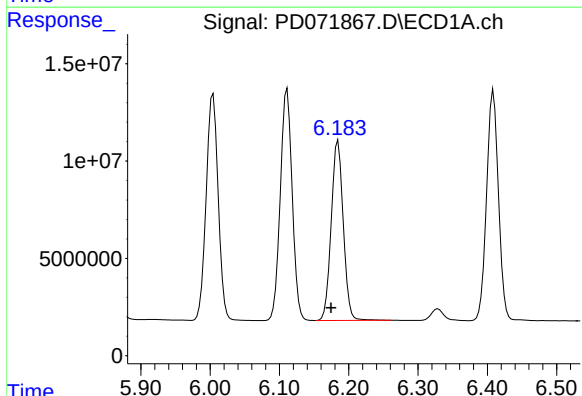
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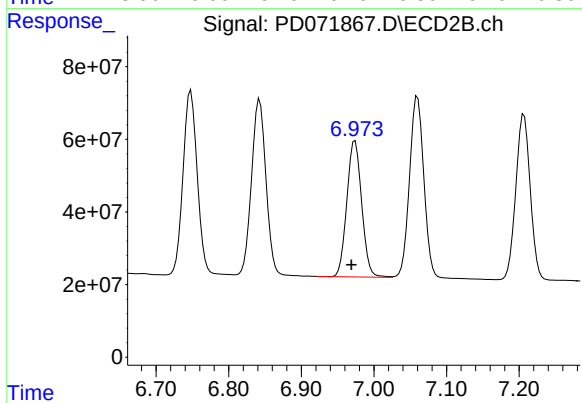
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.005 min
Response: 682722493
Conc: 55.26 ng/ml



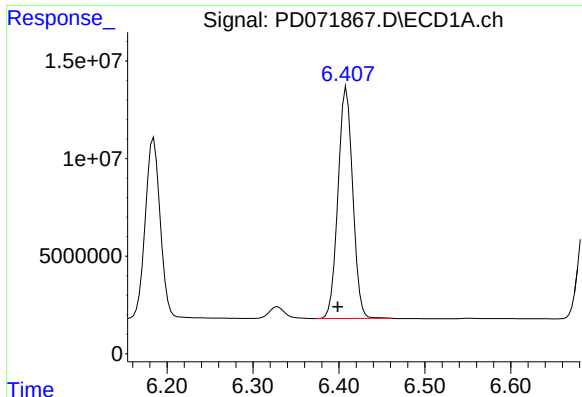
#18 Endrin aldehyde

R.T.: 6.185 min
Delta R.T.: 0.010 min
Response: 111641774
Conc: 50.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: 0.005 min
Response: 533821594
Conc: 55.29 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.409 min
Delta R.T.: 0.010 min
Response: 140880708
Conc: 52.53 ng/ml

Instrument :

ECD_D

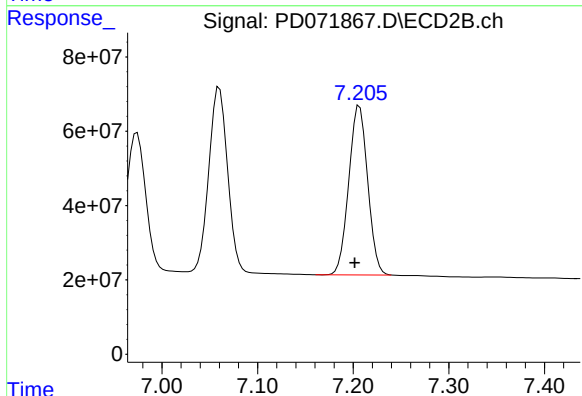
ClientSampleId :

PB147608BS

Manual Integrations

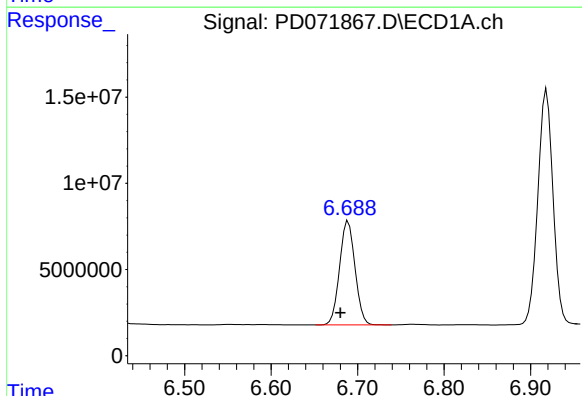
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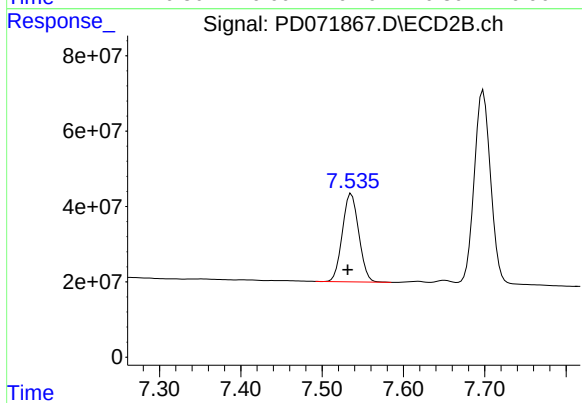
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.005 min
Response: 627723490
Conc: 56.29 ng/ml



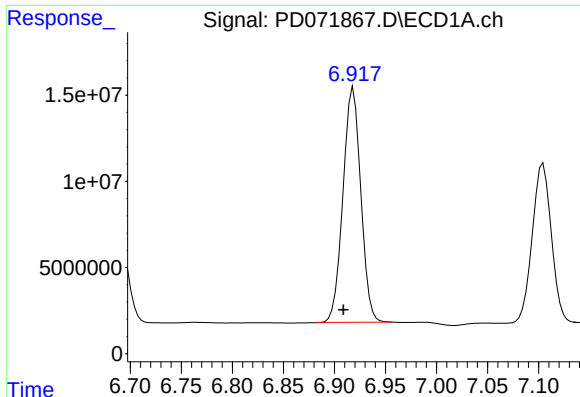
#20 Methoxychlor

R.T.: 6.689 min
Delta R.T.: 0.009 min
Response: 74330254
Conc: 49.64 ng/ml



#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.004 min
Response: 327171696
Conc: 53.82 ng/ml



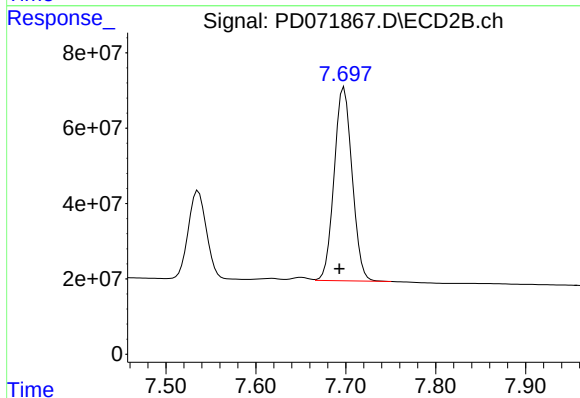
#21 Endrin ketone

R.T.: 6.917 min
Delta R.T.: 0.008 min
Response: 165651407
Conc: 55.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147608BS

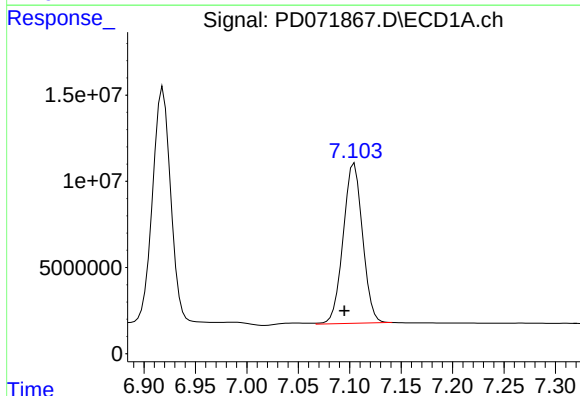
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Reviewed By :Abdul Mirza 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



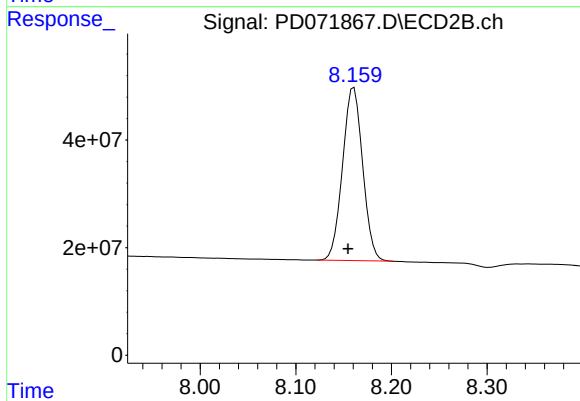
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.005 min
Response: 712738037
Conc: 57.31 ng/ml



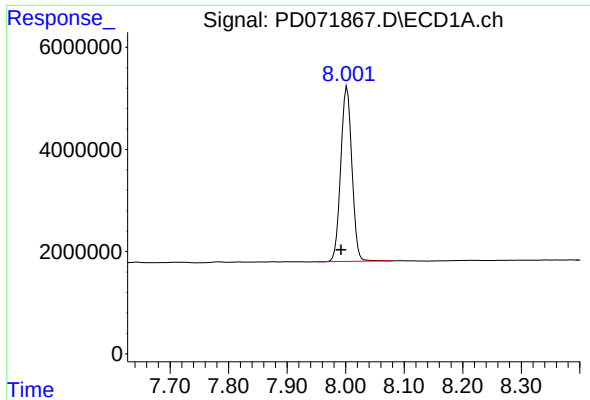
#22 Mirex

R.T.: 7.104 min
Delta R.T.: 0.010 min
Response: 121666337
Conc: 51.62 ng/ml



#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.006 min
Response: 470619328
Conc: 54.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.002 min
Delta R.T.: 0.010 min
Response: 45400027
Conc: 18.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

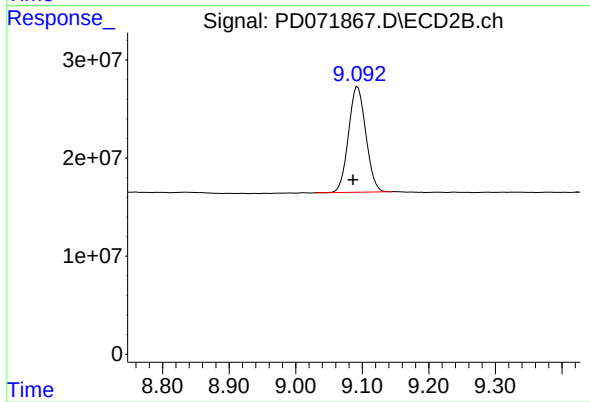
PB147608BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/14/2022

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#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.007 min
Response: 194673326
Conc: 20.94 ng/ml