

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031722\
 Data File : PD068658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 17:04
 Operator : AR\AJ
 Sample : N1943-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/17/2022
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 03:16:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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...	3.448	4.174	23574536	194.3E6	19.416	20.328
2)	SA Decachlor...	8.207	9.370	21852803	102.3E6	17.297	18.054
Target Compounds							
2)	A alpha-BHC	3.888	4.571	93465428	691.6E6	51.622	50.251
3)	MA gamma-BHC...	4.171	4.861	86218445	628.2E6	51.635	50.245
4)	MA Heptachlor	4.470	5.387	86980208	646.6E6	52.796	54.407m
5)	MB Aldrin	4.717	5.702	84391535	589.7E6	52.807	51.373
6)	B beta-BHC	4.421	5.024	39602723	273.8E6	53.189	49.878
7)	B delta-BHC	4.625	5.250	86844150	620.0E6	53.141	51.560
8)	B Heptachlo...	5.162	6.089	79113604	524.8E6	52.902	50.255
9)	A Endosulfan I	5.500	6.452	74364593	488.4E6	53.146	52.076
10)	B gamma-Chl...	5.388	6.326	80533316	533.6E6	53.089	51.771
11)	B alpha-Chl...	5.446	6.401	79259823	515.0E6	53.029	51.722
12)	B 4,4'-DDE	5.612	6.551	74836833	489.1E6	54.703	52.775
13)	MA Dieldrin	5.744	6.710	78348439	503.7E6	53.658	51.856
14)	MA Endrin	6.002	6.931	71365632	402.4E6	54.175	52.009
15)	B Endosulfa...	6.276	7.135	65726308	391.2E6	52.735	51.758
16)	A 4,4'-DDD	6.130	7.042	63116089	392.5E6	53.523	53.145
17)	MA 4,4'-DDT	6.370	7.345	64066788	386.6E6	53.302	52.624
18)	B Endrin al...	6.446	7.260	48131413	295.4E6	48.483	48.812
19)	B Endosulfa...	6.658	7.484	67056807	383.8E6	52.436	52.183
20)	A Methoxychlor	6.921	7.798	35833330	191.0E6	51.706	52.400
21)	B Endrin ke...	7.152	7.960	76585046	399.9E6	52.022	51.605
22)	Mirex	7.336	8.426	66556261	306.4E6	56.157	55.904

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031722\
 Data File : PD068658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 17:04
 Operator : AR\AJ
 Sample : N1943-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

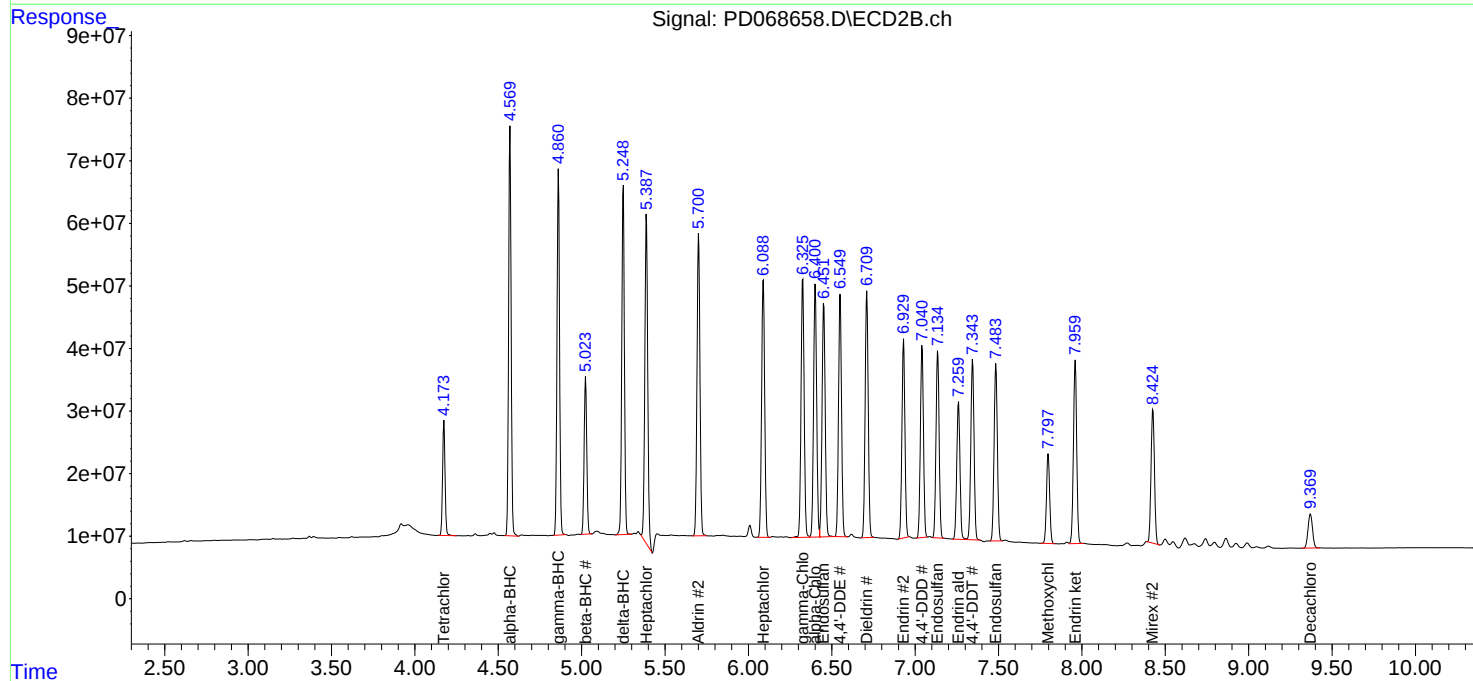
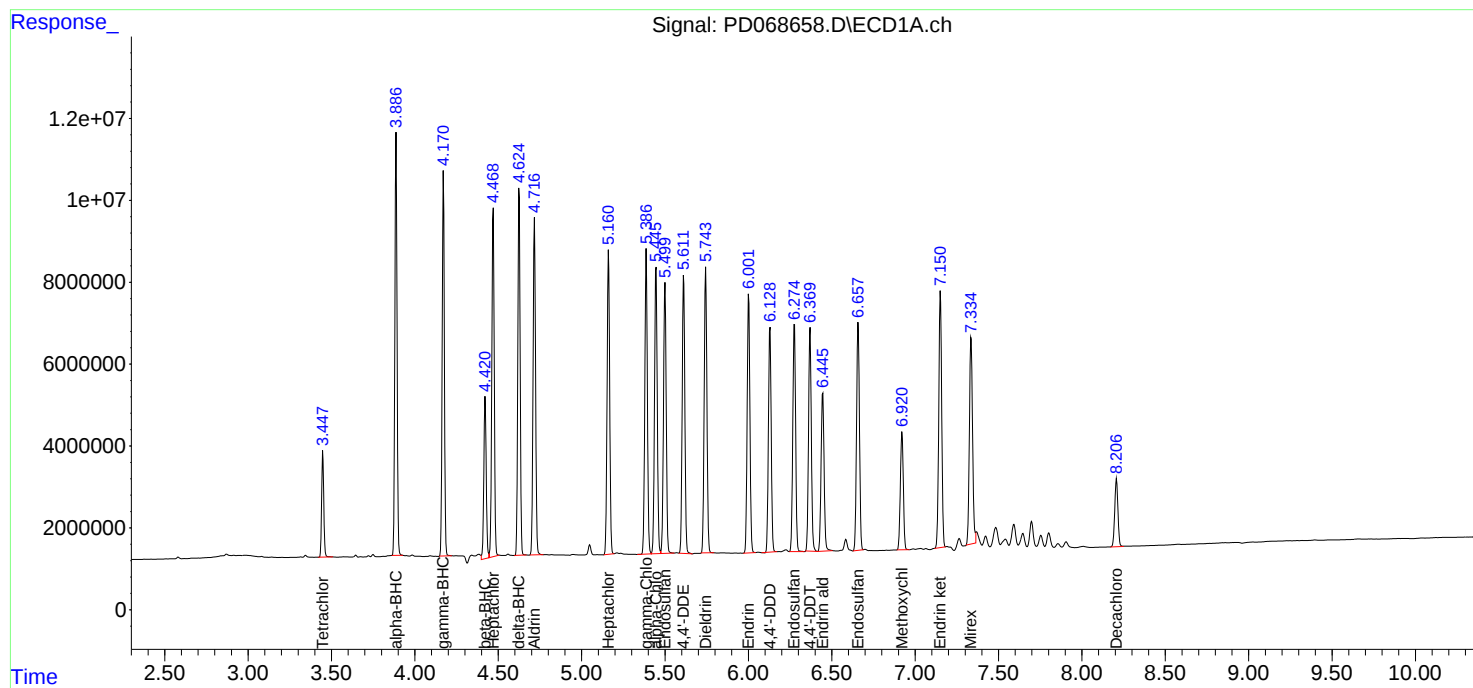
Instrument :
 ECD_D
 ClientSampleId :
 B1MSD

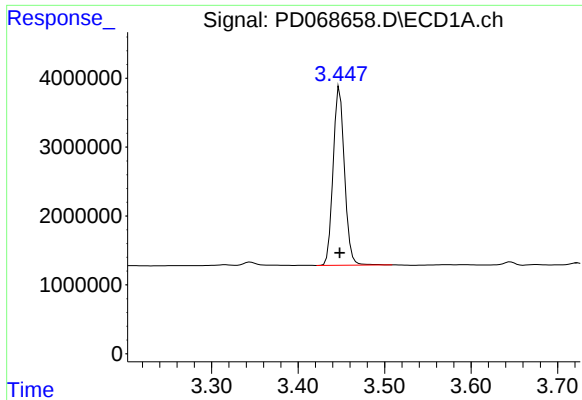
Manual Integrations
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Reviewed By :Abdul Mirza 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 03:16:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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





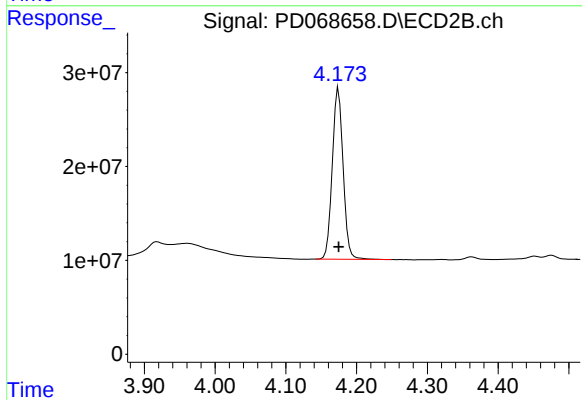
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 23574536
Conc: 19.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

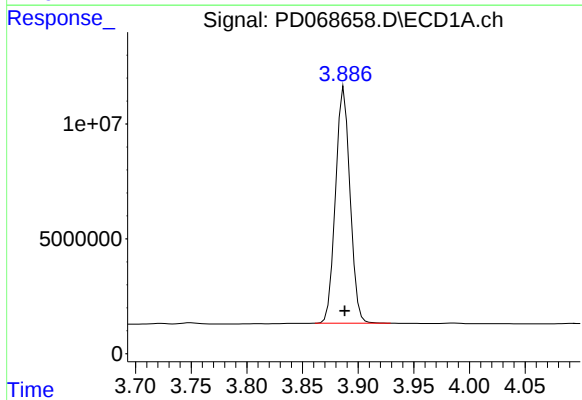
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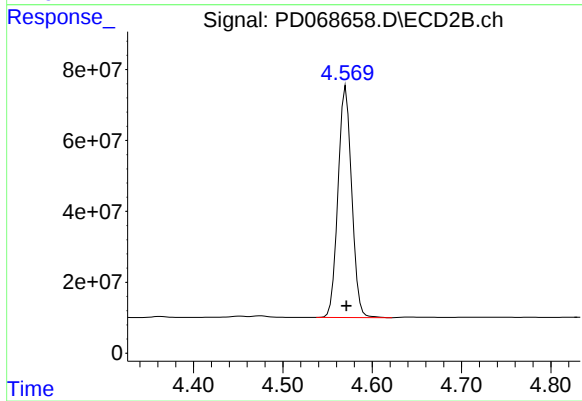
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 194348661
Conc: 20.33 ng/ml



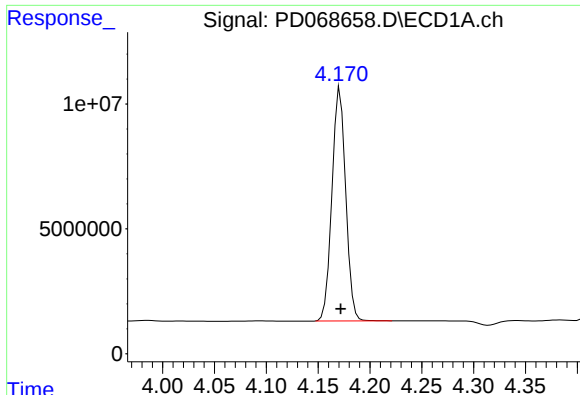
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 93465428
Conc: 51.62 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 691594411
Conc: 50.25 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 86218445
Conc: 51.64 ng/ml

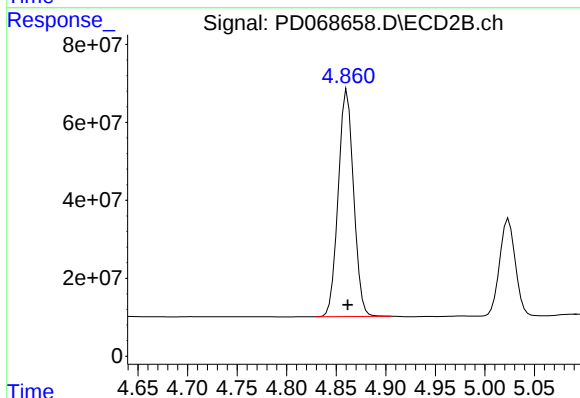
Instrument :

ECD_D

ClientSampleId :
B1MSD

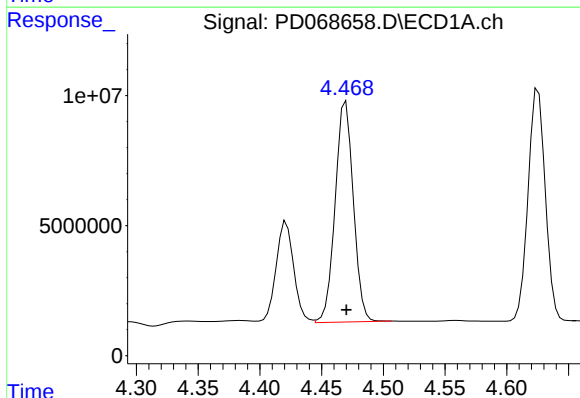
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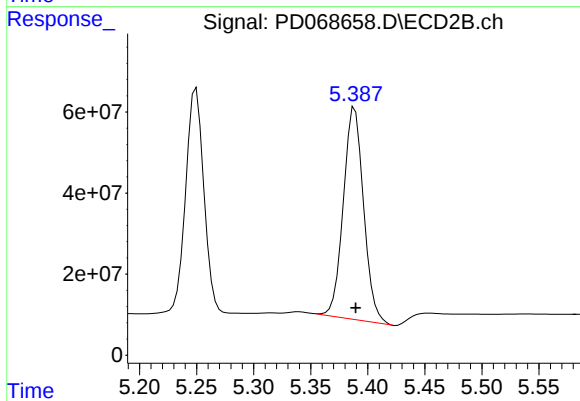
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 628222115
Conc: 50.24 ng/ml



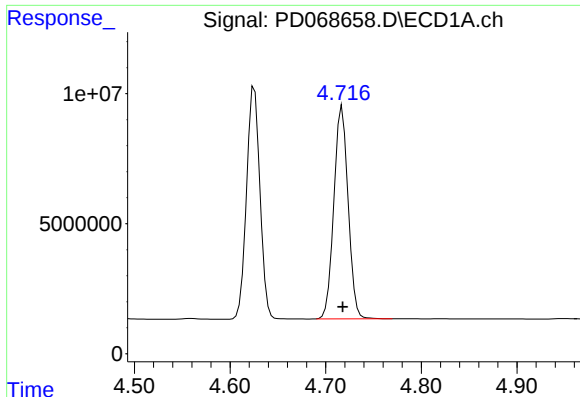
#4 Heptachlor

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 86980208
Conc: 52.80 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 646588559
Conc: 54.41 ng/ml m



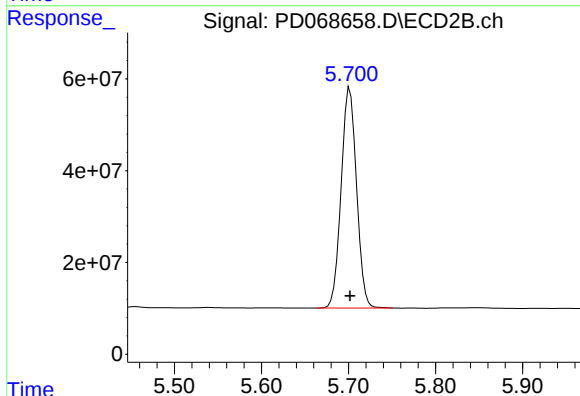
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 84391535
Conc: 52.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

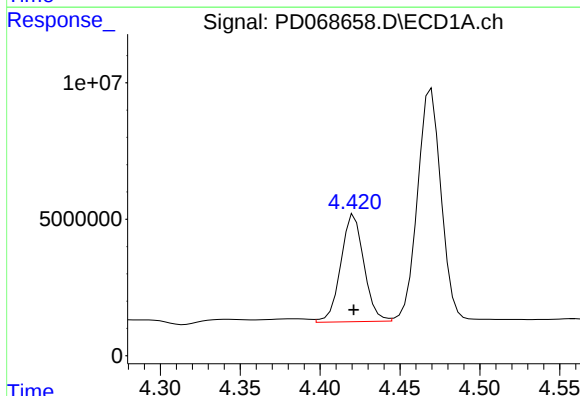
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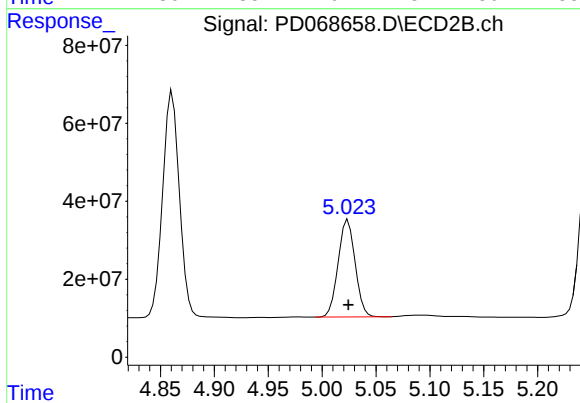
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 589703849
Conc: 51.37 ng/ml



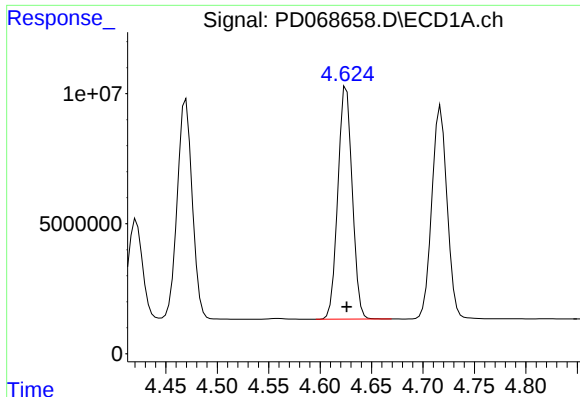
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 39602723
Conc: 53.19 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 273822596
Conc: 49.88 ng/ml



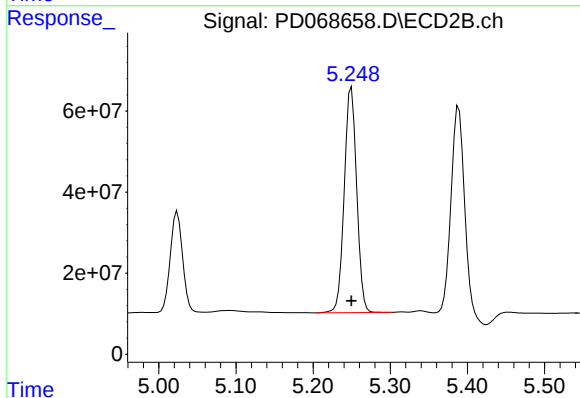
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 86844150
Conc: 53.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

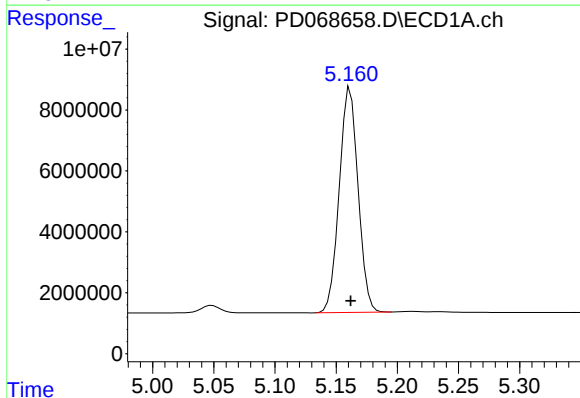
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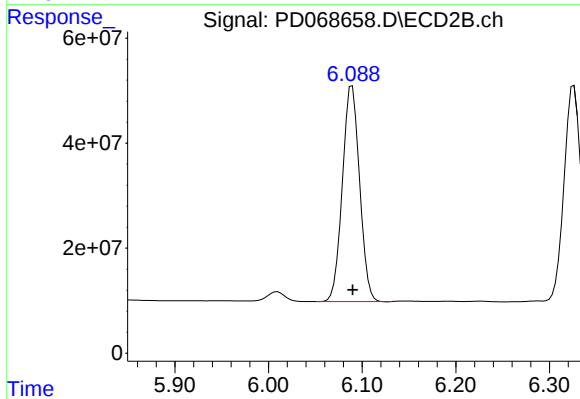
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 620043406
Conc: 51.56 ng/ml



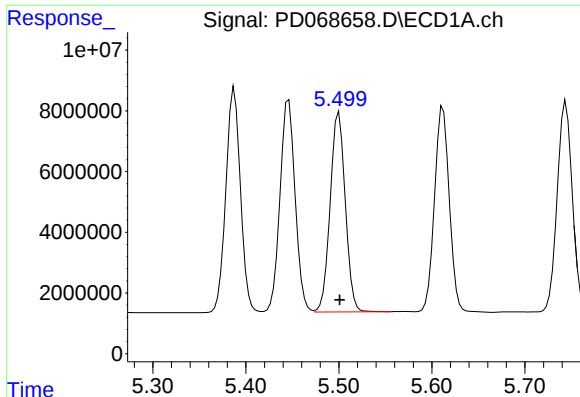
#8 Heptachlor epoxide

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 79113604
Conc: 52.90 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 524805933
Conc: 50.26 ng/ml



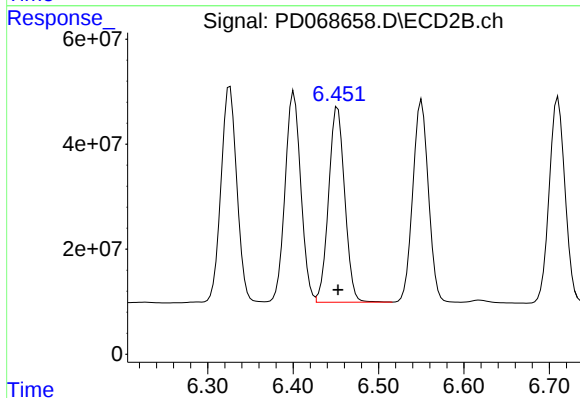
#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 74364593
Conc: 53.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

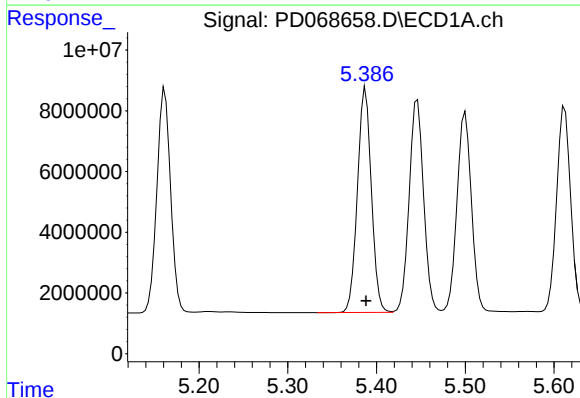
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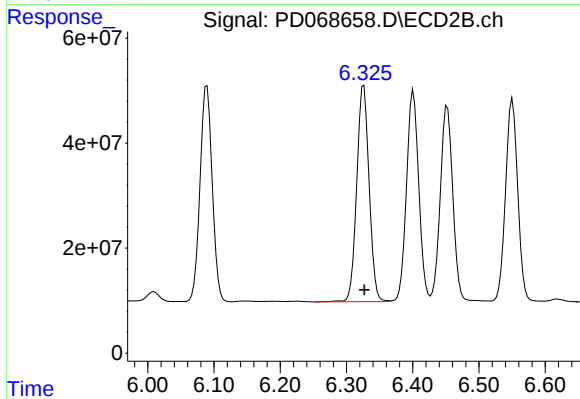
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 488377871
Conc: 52.08 ng/ml



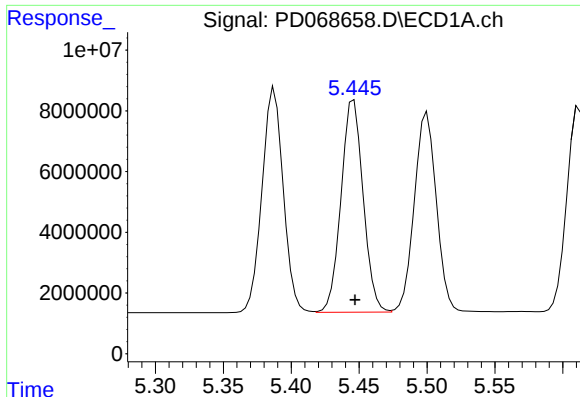
#10 gamma-Chlordane

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 80533316
Conc: 53.09 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 533611663
Conc: 51.77 ng/ml



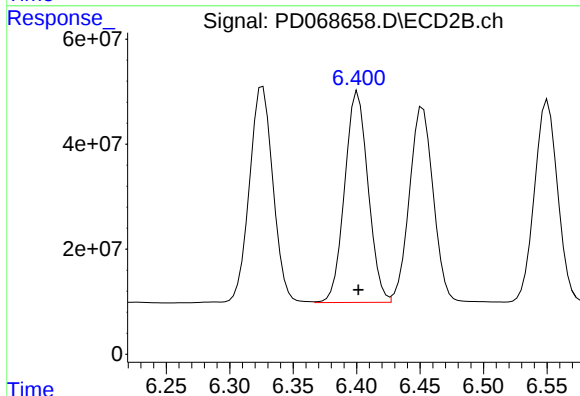
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 79259823
Conc: 53.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

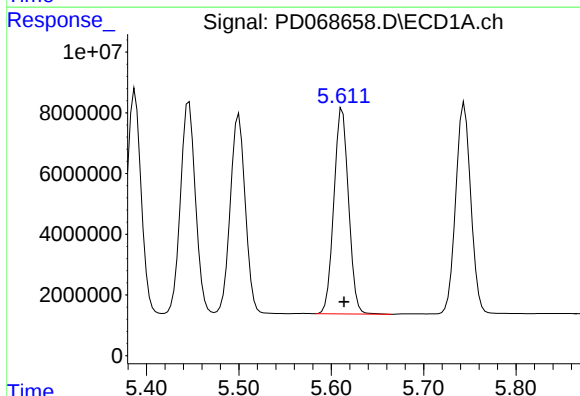
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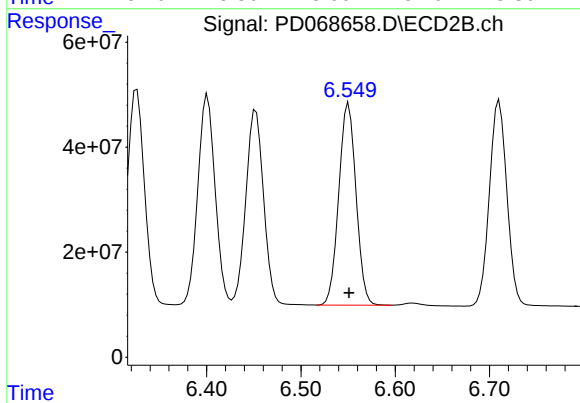
#11 alpha-Chlordane

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 514955524
Conc: 51.72 ng/ml



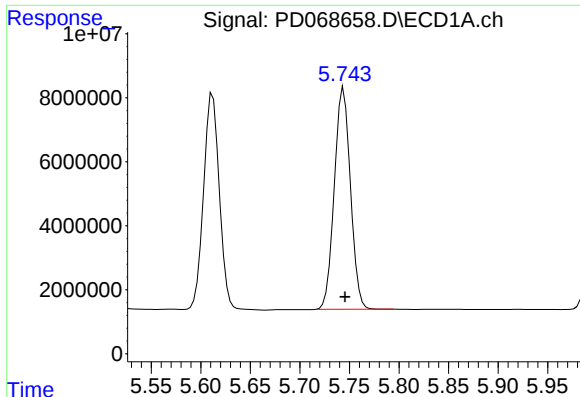
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 74836833
Conc: 54.70 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 489059809
Conc: 52.77 ng/ml



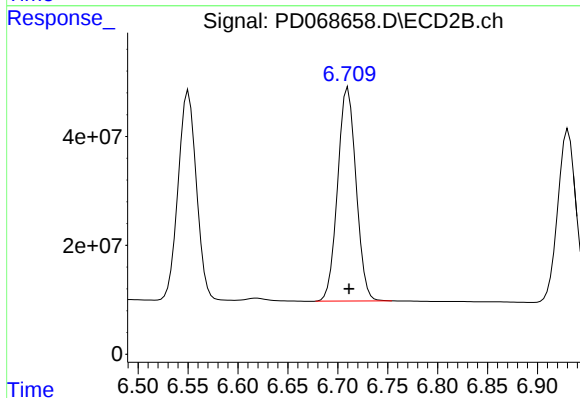
#13 Dieldrin

R.T.: 5.744 min
Delta R.T.: -0.001 min
Response: 78348439
Conc: 53.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

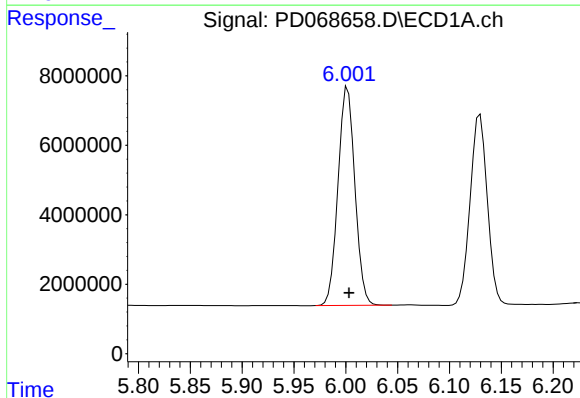
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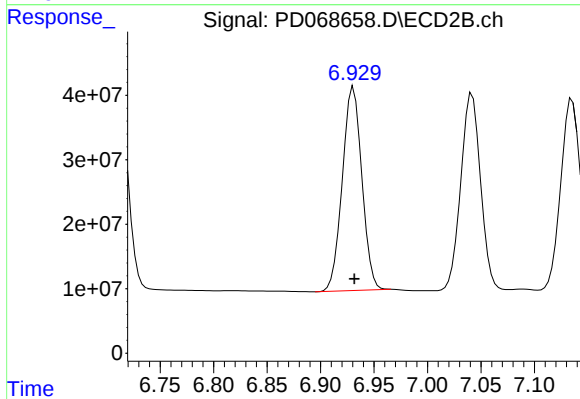
#13 Dieldrin

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 503681974
Conc: 51.86 ng/ml



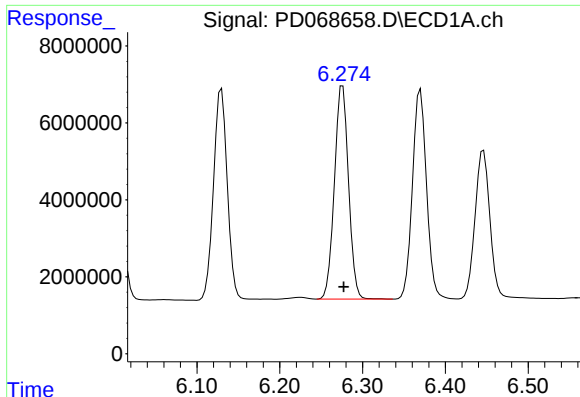
#14 Endrin

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 71365632
Conc: 54.18 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 402420176
Conc: 52.01 ng/ml



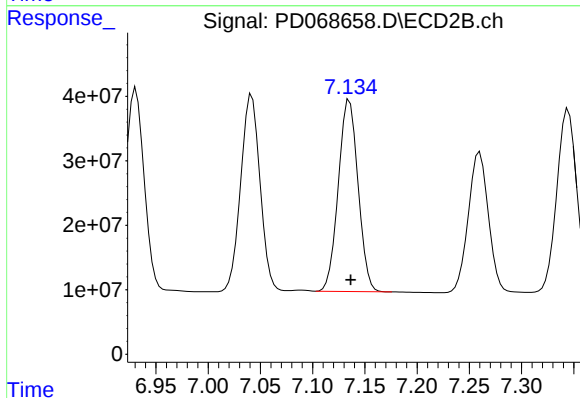
#15 Endosulfan II

R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 65726308
Conc: 52.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

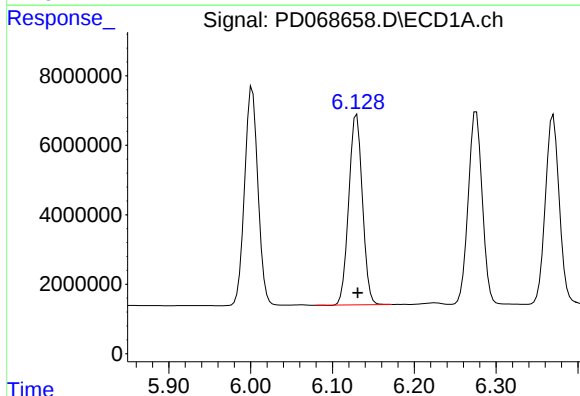
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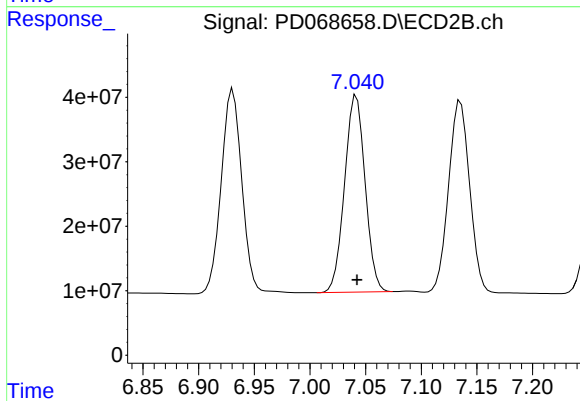
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: -0.001 min
Response: 391213383
Conc: 51.76 ng/ml



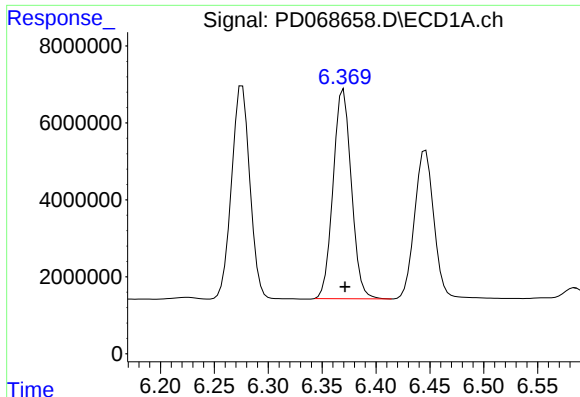
#16 4,4'-DDD

R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 63116089
Conc: 53.52 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 392494182
Conc: 53.15 ng/ml



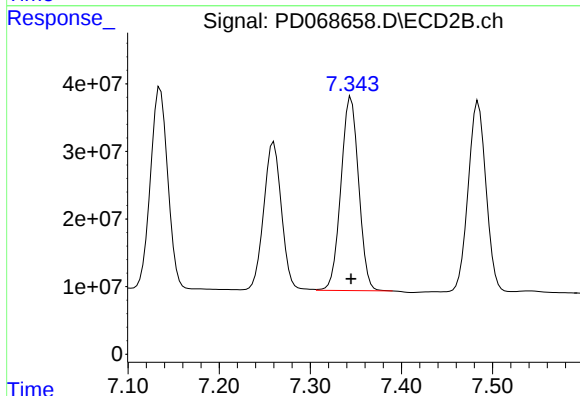
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 64066788
Conc: 53.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

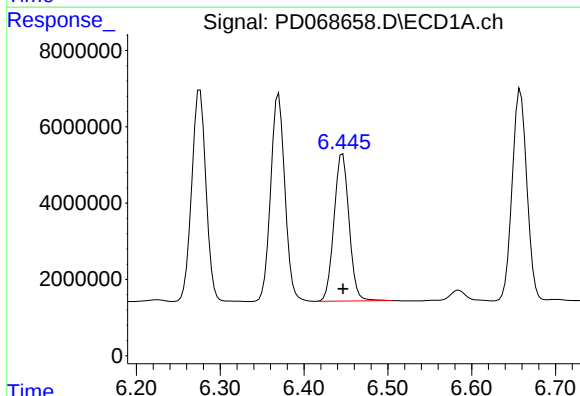
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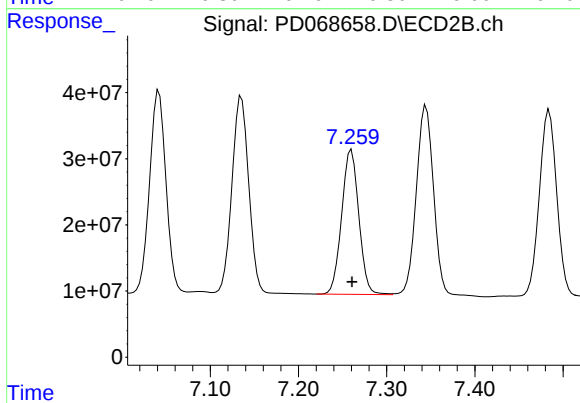
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 386616228
Conc: 52.62 ng/ml



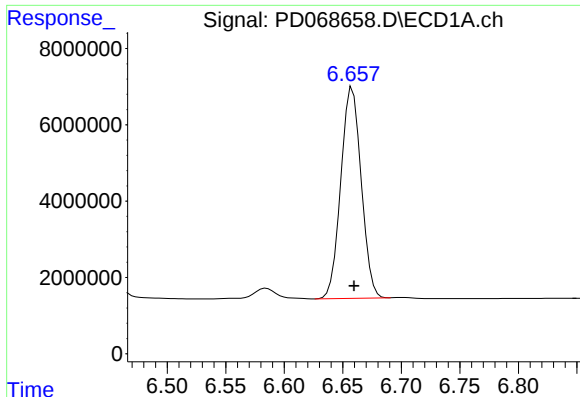
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 48131413
Conc: 48.48 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 295396894
Conc: 48.81 ng/ml



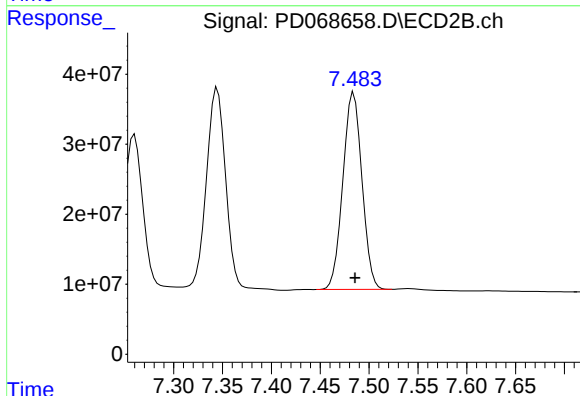
#19 Endosulfan Sulfate

R.T.: 6.658 min
Delta R.T.: -0.001 min
Response: 67056807
Conc: 52.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

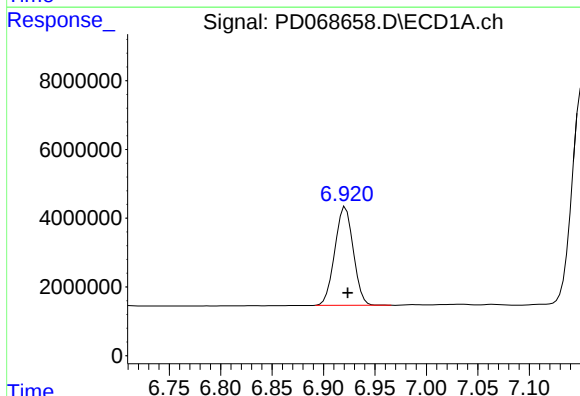
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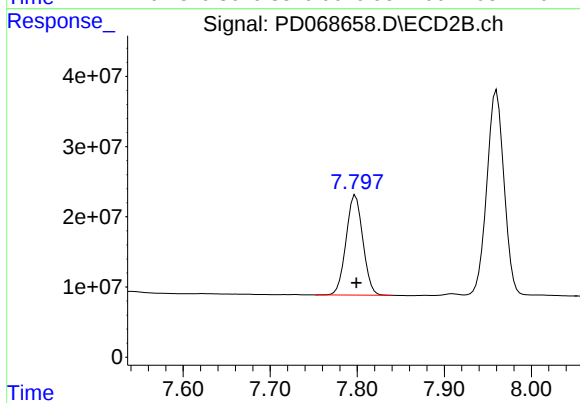
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: -0.001 min
Response: 383807104
Conc: 52.18 ng/ml



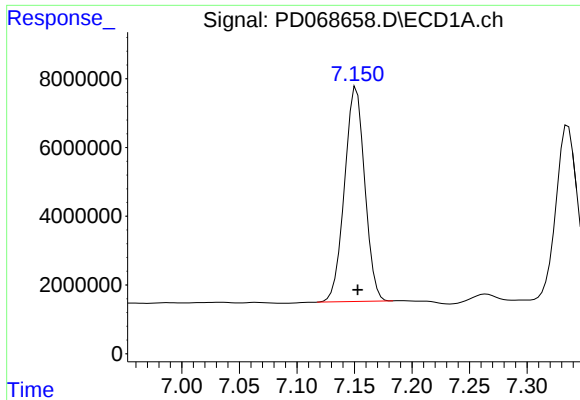
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 35833330
Conc: 51.71 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 191012272
Conc: 52.40 ng/ml



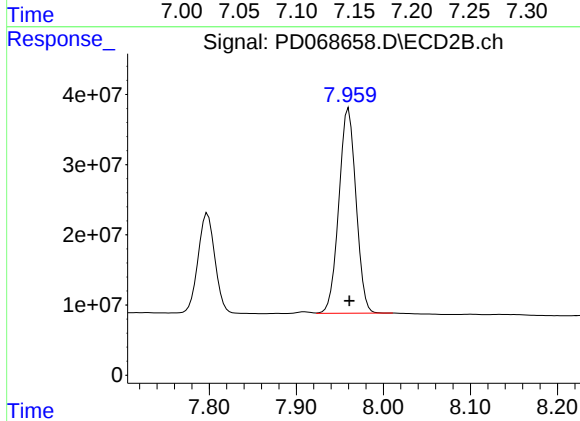
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.001 min
Response: 76585046
Conc: 52.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

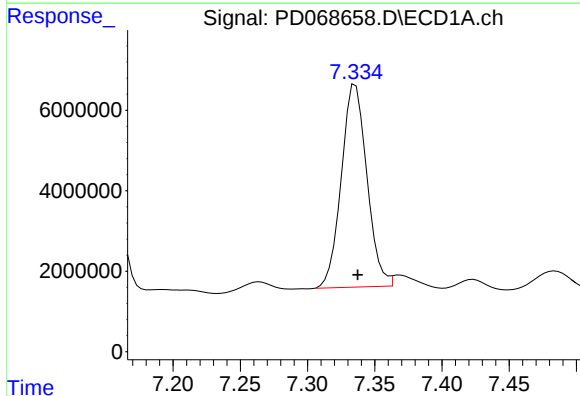
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



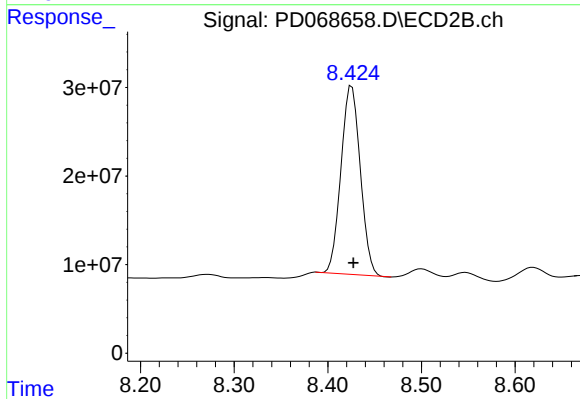
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 399874183
Conc: 51.61 ng/ml



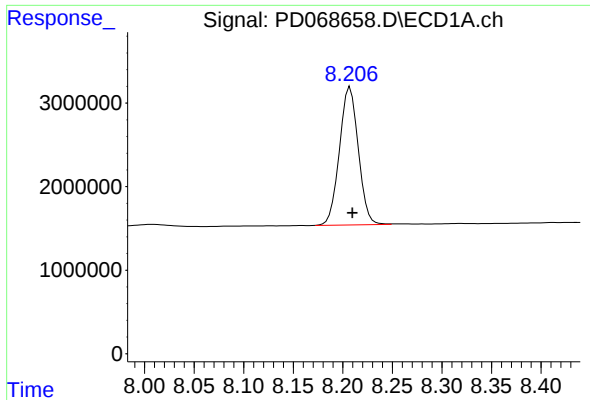
#22 Mirex

R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 66556261
Conc: 56.16 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 306427266
Conc: 55.90 ng/ml



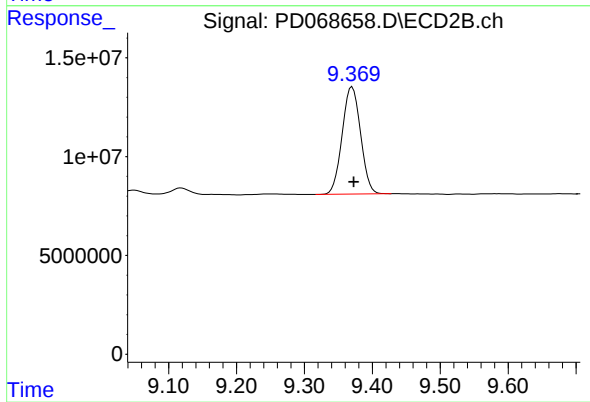
#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 21852803
Conc: 17.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
B1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 102307705
Conc: 18.05 ng/ml