

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031022\
 Data File : PD068470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2022 18:57
 Operator : AR\AJ
 Sample : N1847-10MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CG-B1-030722-2-5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 22:54:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.449	4.175	24298932	198.4E6	20.728	20.672
28)	SA Decachlor...	8.210	9.370	23778733	114.0E6	20.434	19.224
Target Compounds							
2)	A alpha-BHC	3.888	4.572	93655092	682.3E6	54.580	49.726
3)	MA gamma-BHC...	4.172	4.862	86472790	619.6E6	54.302	49.966
4)	MA Heptachlor	4.471	5.390	84511382	633.3E6	55.981	55.908
5)	MB Aldrin	4.719	5.702	70854377	574.9E6	45.240	48.620
6)	B beta-BHC	4.422	5.025	36699074	295.7E6	52.303	54.701
7)	B delta-BHC	4.626	5.249	86012566	606.6E6	53.309	48.766m
8)	B Heptachlo...	5.163	6.091	78090167	516.2E6	53.564	48.162
9)	A Endosulfan I	5.501	6.453	72502909	473.0E6	53.163	49.022
10)	B gamma-Chl...	5.389	6.327	78938991	515.0E6	53.027	48.708
11)	B alpha-Chl...	5.448	6.402	77801530	499.7E6	52.947	48.478
12)	B 4,4'-DDE	5.613	6.552	72689681	472.6E6	53.291	48.346
13)	MA Dieldrin	5.745	6.711	76739444	491.5E6	52.187	47.699
14)	MA Endrin	6.003	6.932	68822903	396.6E6	55.712	51.573
15)	B Endosulfa...	6.277	7.136	64617010	379.9E6	50.787	46.230
16)	A 4,4'-DDD	6.131	7.042	62582055	383.6E6	52.770	48.737
17)	MA 4,4'-DDT	6.371	7.345	62959262	366.9E6	57.092	51.853
18)	B Endrin al...	6.447	7.261	48223819	286.3E6	52.617	47.579
19)	B Endosulfa...	6.659	7.485	65862021	372.9E6	52.263	47.935
20)	A Methoxychlor	6.922	7.798	34559413	181.6E6	53.259	52.257
21)	B Endrin ke...	7.153	7.960	75437349	390.7E6	51.239	46.540
22)	Mirex	7.337	8.426	66734790	309.1E6	52.650	48.328

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031022\
Data File : PD068470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2022 18:57
Operator : AR\AJ
Sample : N1847-10MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

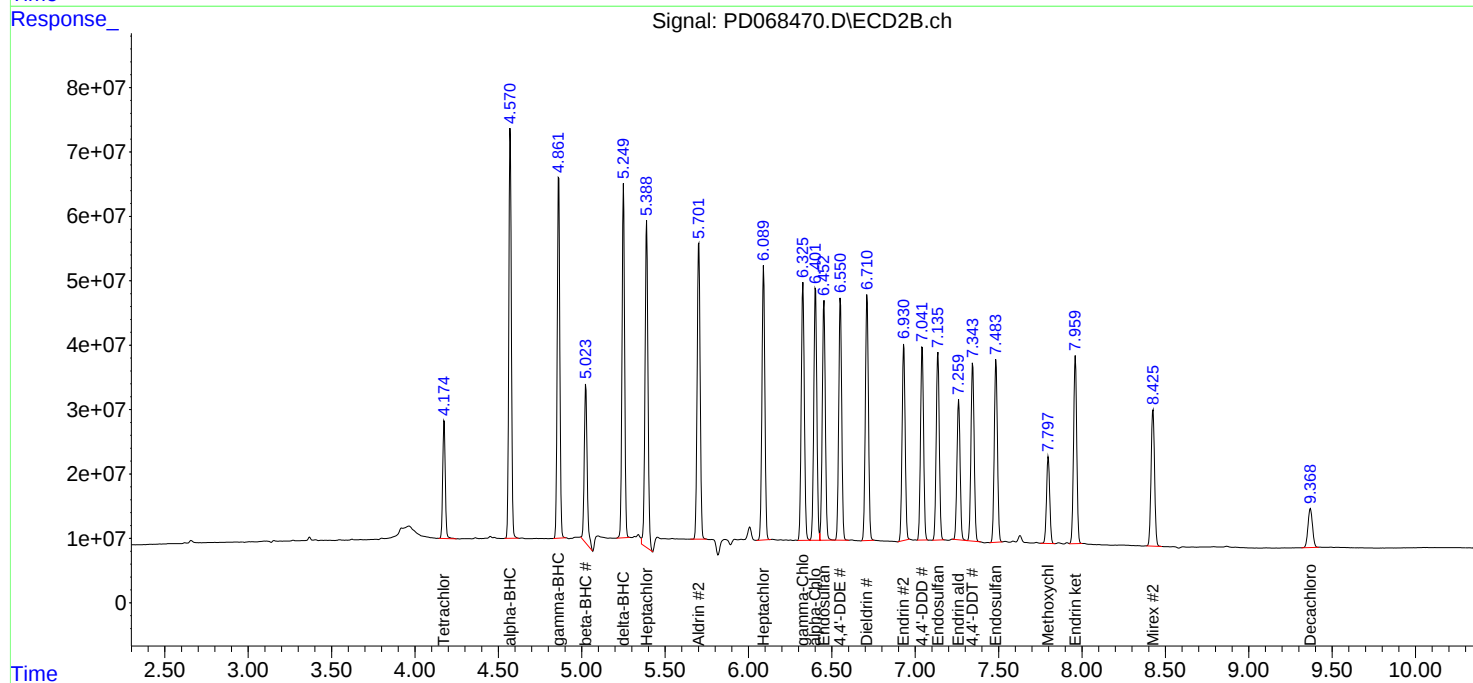
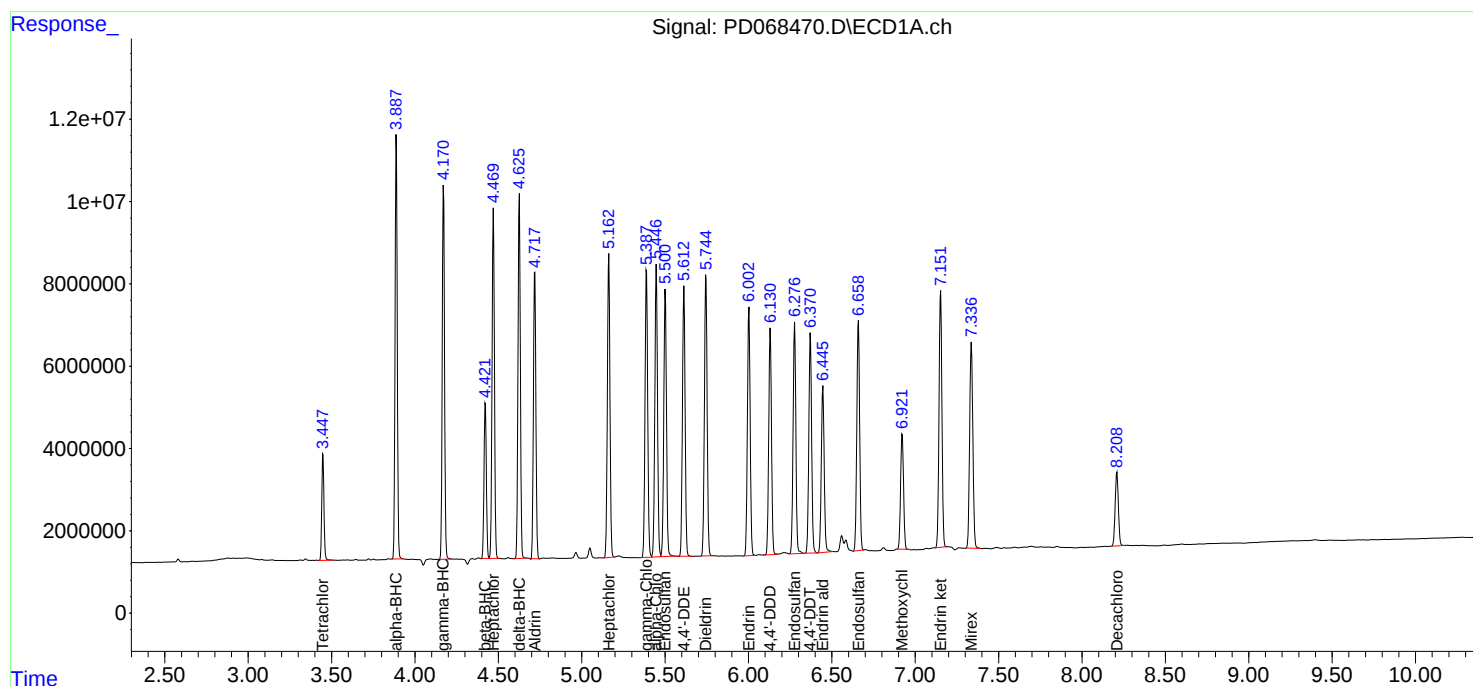
Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

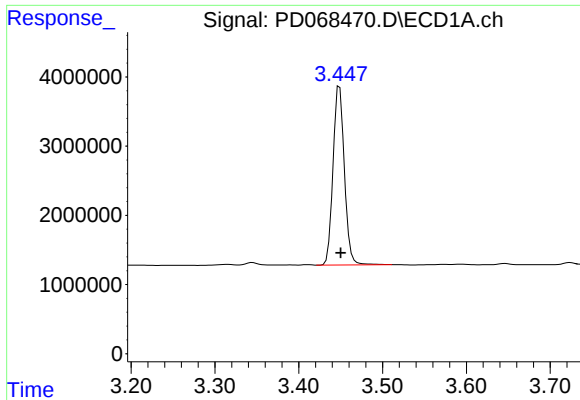
Manual Integrations
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Reviewed By : Abdul Mirza 03/11/2022
Supervised By : Ankita Jodhani 03/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 22:54:14 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 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





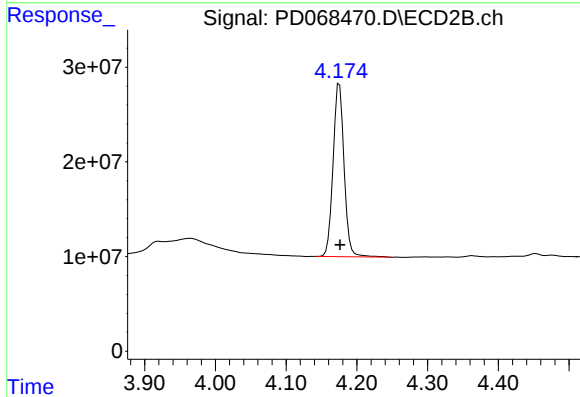
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: -0.001 min
Response: 24298932
Conc: 20.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

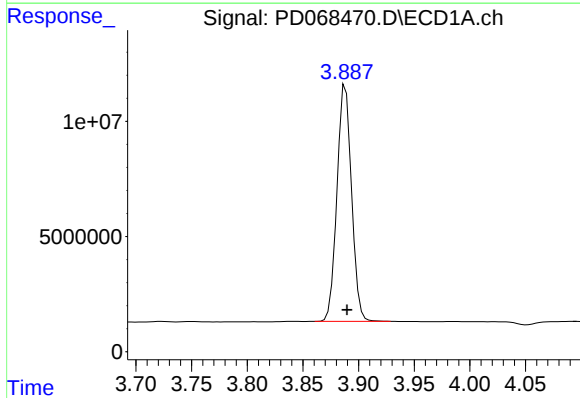
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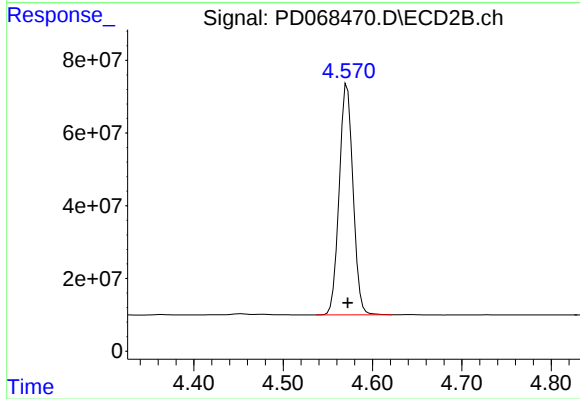
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 198407276
Conc: 20.67 ng/ml



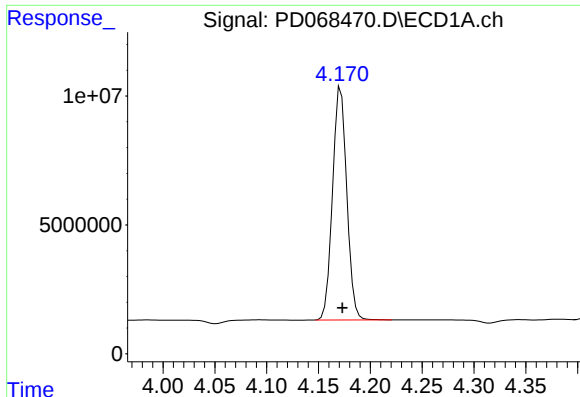
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: -0.001 min
Response: 93655092
Conc: 54.58 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 682315216
Conc: 49.73 ng/ml



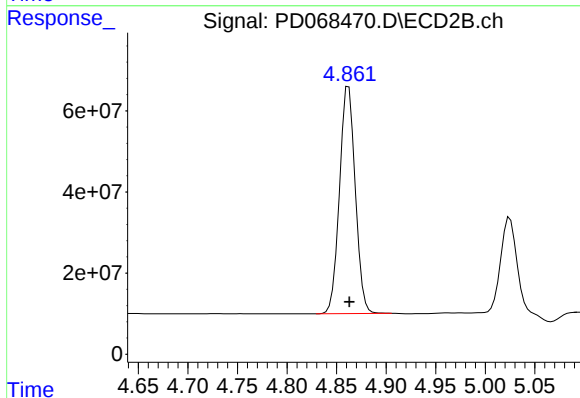
#3 gamma-BHC (Lindane)

R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 86472790
Conc: 54.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

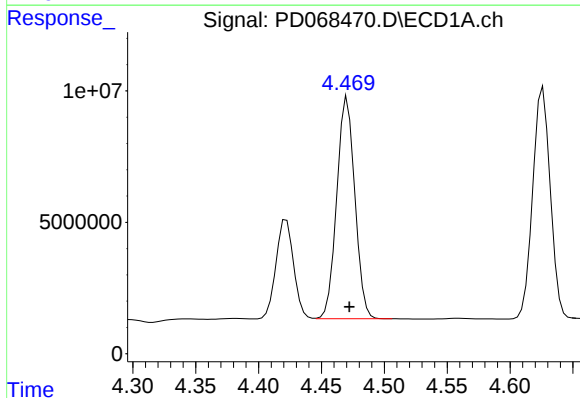
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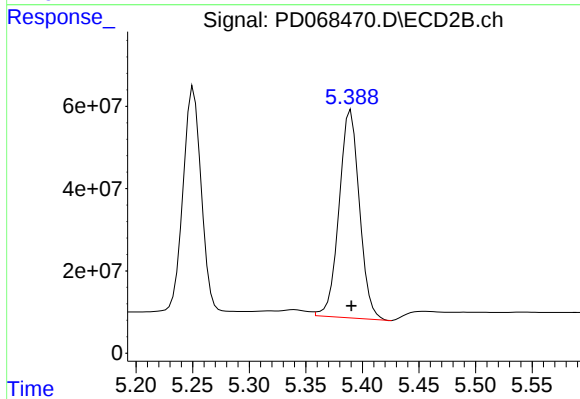
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 619556907
Conc: 49.97 ng/ml



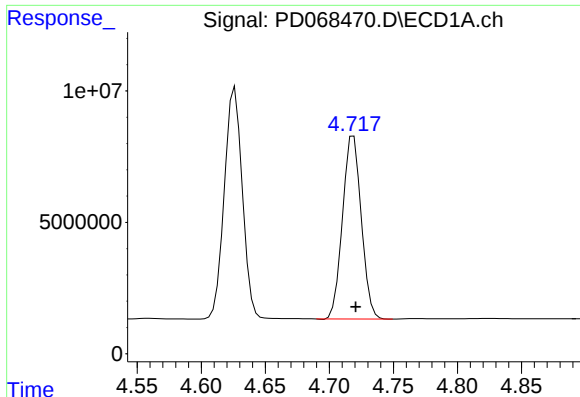
#4 Heptachlor

R.T.: 4.471 min
Delta R.T.: -0.002 min
Response: 84511382
Conc: 55.98 ng/ml



#4 Heptachlor

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 633258480
Conc: 55.91 ng/ml



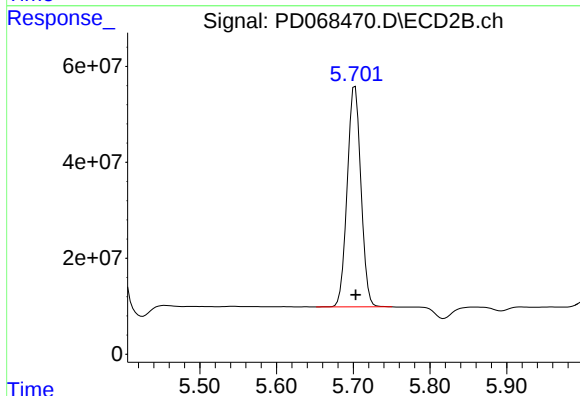
#5 Aldrin

R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 70854377
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

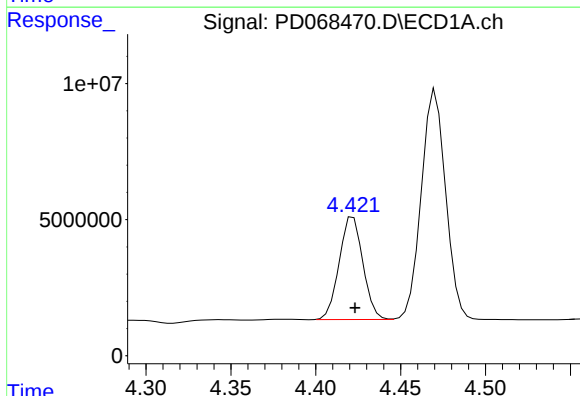
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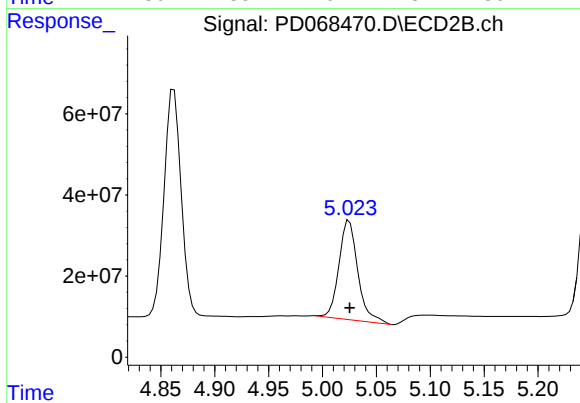
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 574867812
Conc: 48.62 ng/ml



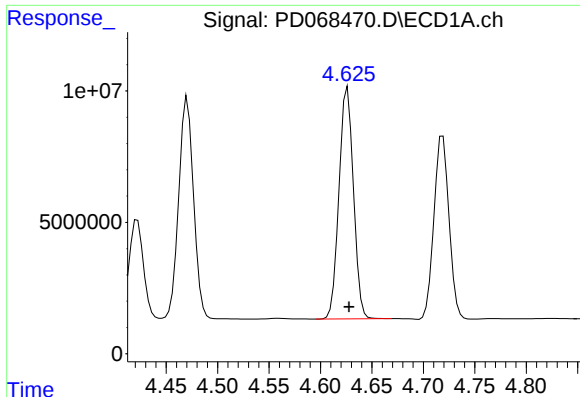
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: -0.001 min
Response: 36699074
Conc: 52.30 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 295687205
Conc: 54.70 ng/ml



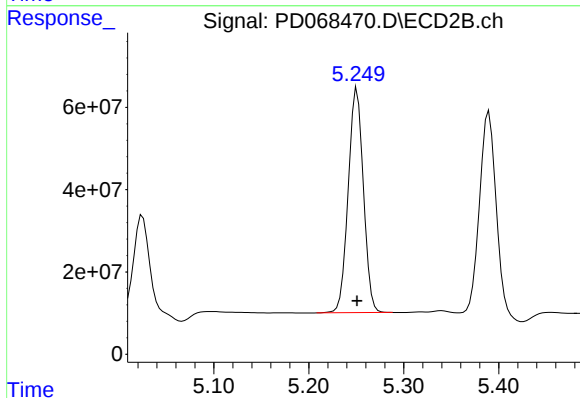
#7 delta-BHC

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 86012566
Conc: 53.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

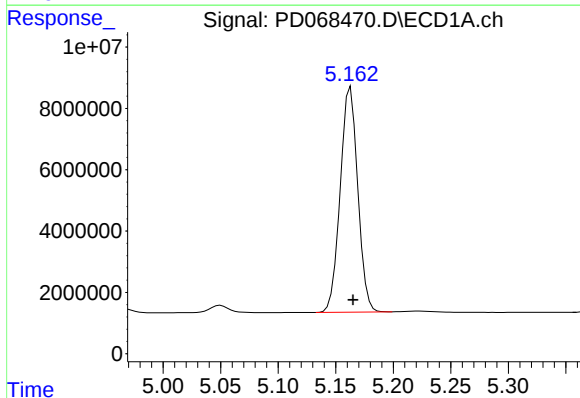
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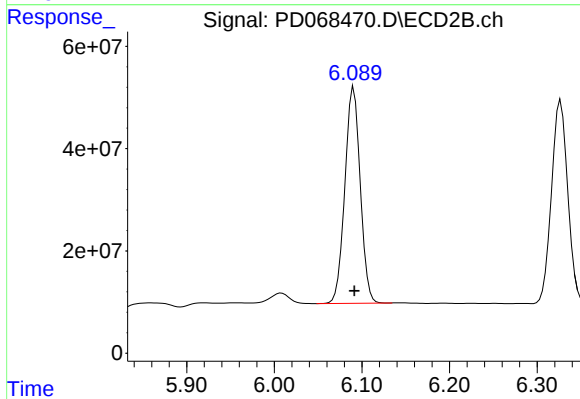
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 606563303
Conc: 48.77 ng/ml m



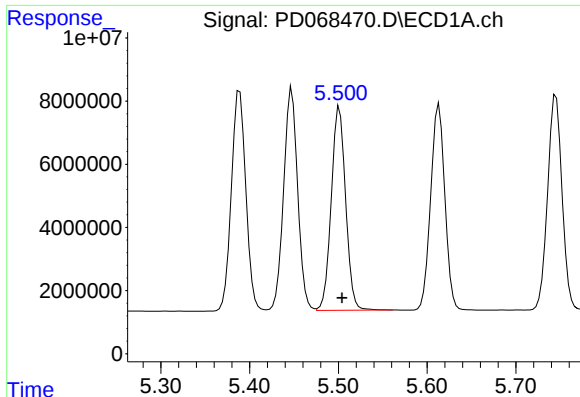
#8 Heptachlor epoxide

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 78090167
Conc: 53.56 ng/ml



#8 Heptachlor epoxide

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 516184965
Conc: 48.16 ng/ml



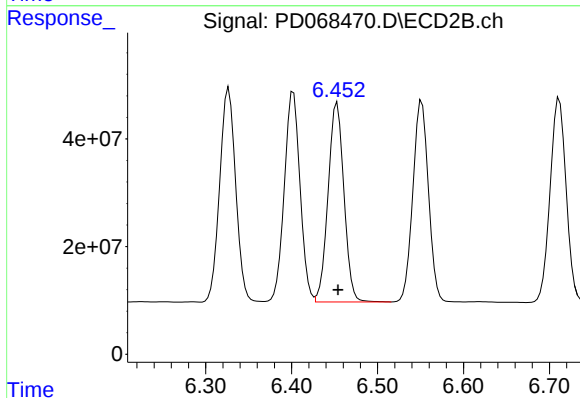
#9 Endosulfan I

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 72502909
Conc: 53.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

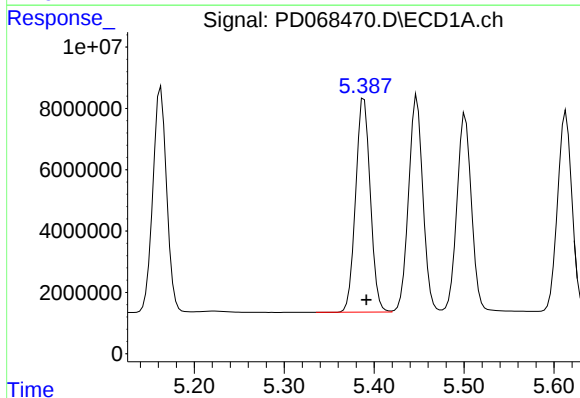
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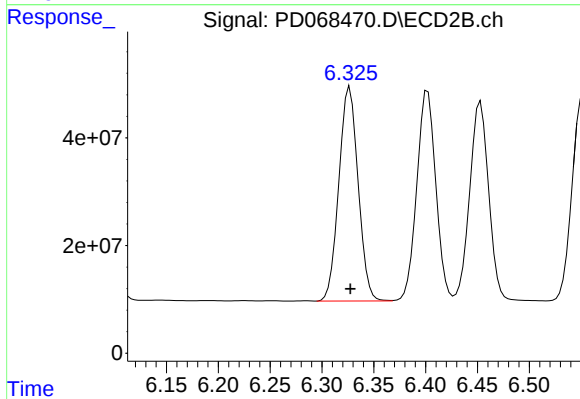
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 473021185
Conc: 49.02 ng/ml



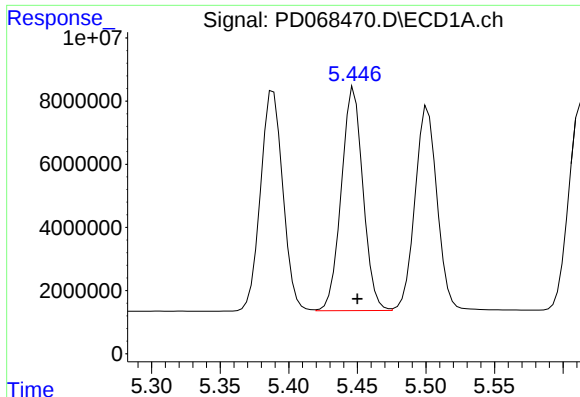
#10 gamma-Chlordane

R.T.: 5.389 min
Delta R.T.: -0.003 min
Response: 78938991
Conc: 53.03 ng/ml



#10 gamma-Chlordane

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 515039915
Conc: 48.71 ng/ml



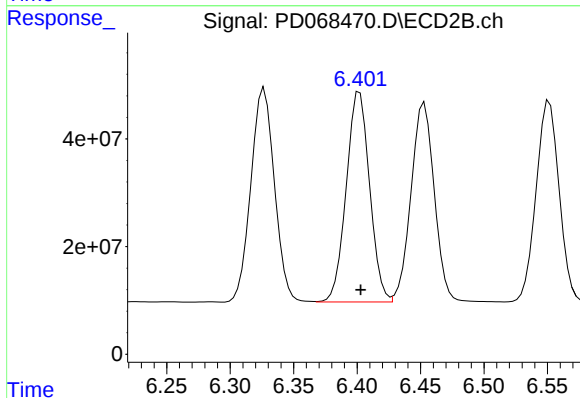
#11 alpha-Chlordane

R.T.: 5.448 min
Delta R.T.: -0.002 min
Response: 77801530
Conc: 52.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

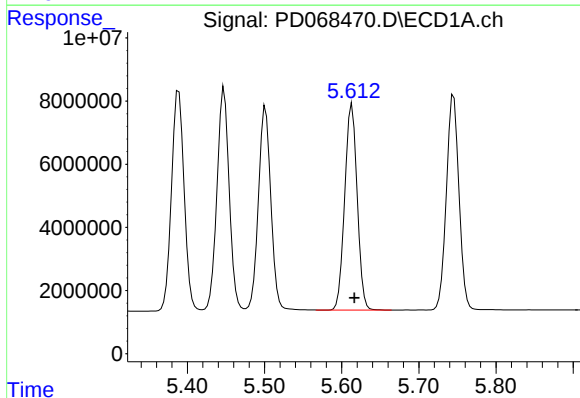
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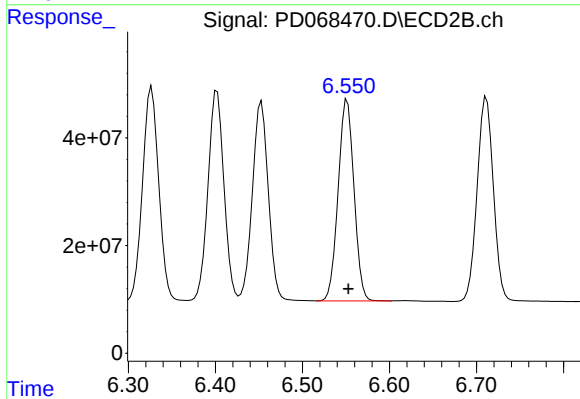
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 499684128
Conc: 48.48 ng/ml



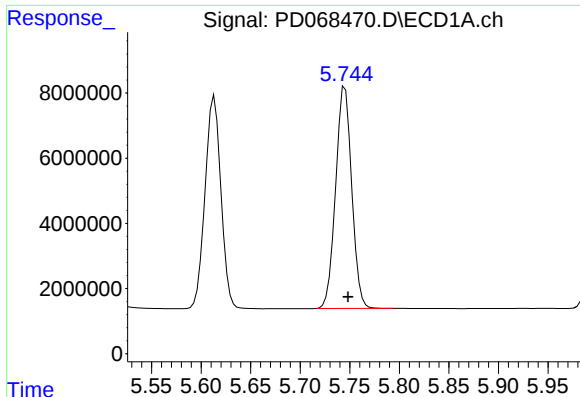
#12 4,4'-DDE

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 72689681
Conc: 53.29 ng/ml



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: -0.001 min
Response: 472646862
Conc: 48.35 ng/ml



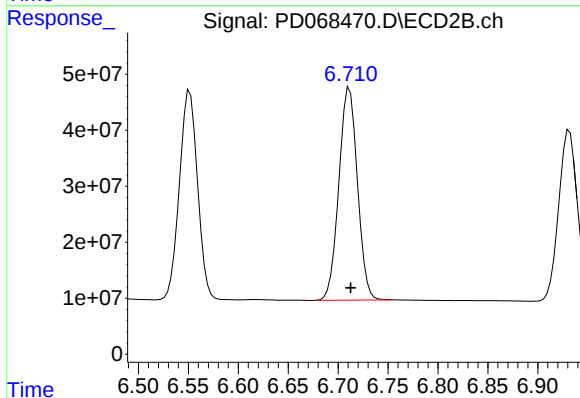
#13 Dieldrin

R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 76739444
Conc: 52.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

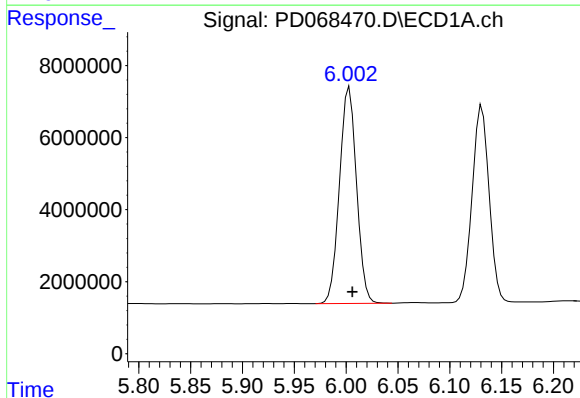
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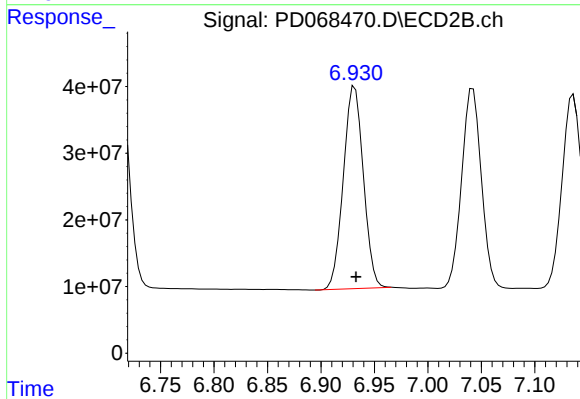
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: -0.001 min
Response: 491545157
Conc: 47.70 ng/ml



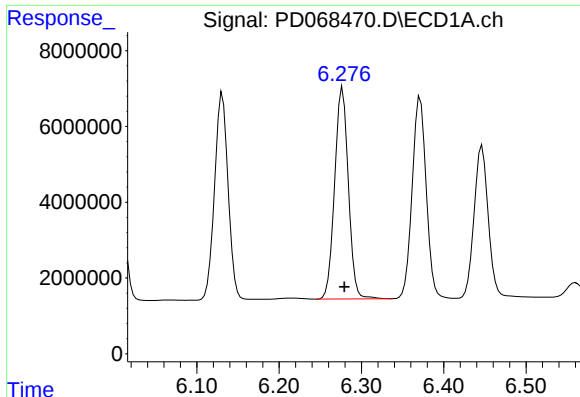
#14 Endrin

R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 68822903
Conc: 55.71 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 396624345
Conc: 51.57 ng/ml



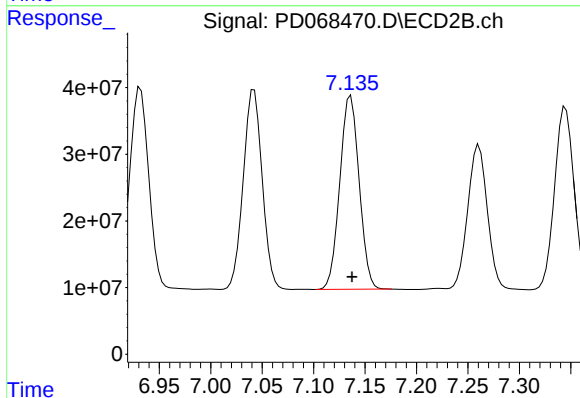
#15 Endosulfan II

R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 64617010
Conc: 50.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

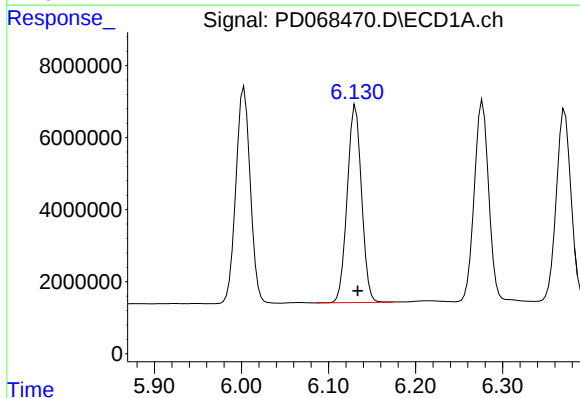
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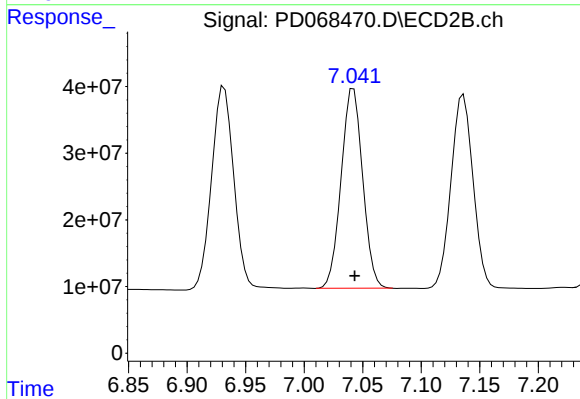
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 379875808
Conc: 46.23 ng/ml



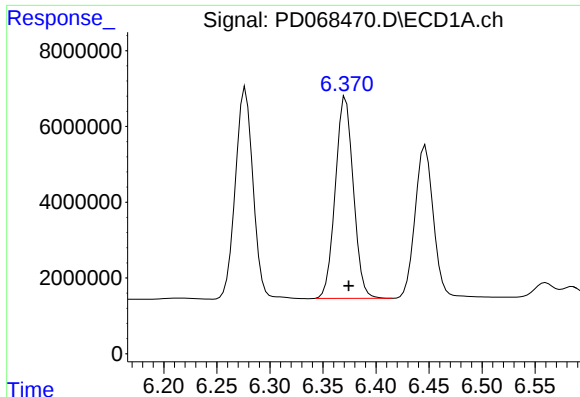
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 62582055
Conc: 52.77 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: -0.001 min
Response: 383569221
Conc: 48.74 ng/ml



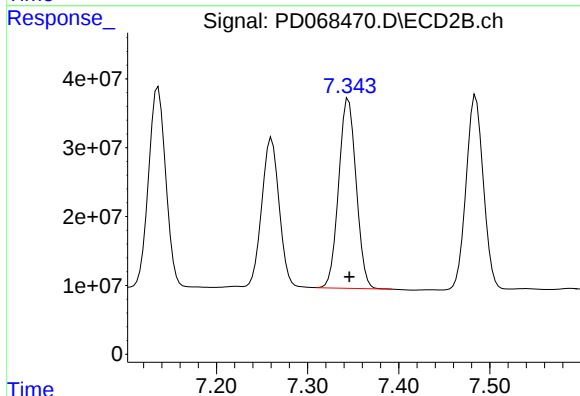
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: -0.003 min
Response: 62959262
Conc: 57.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

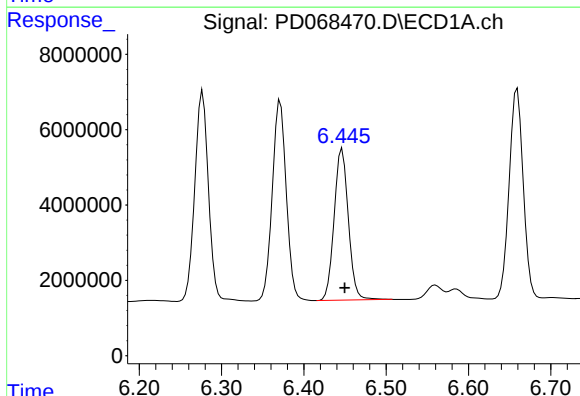
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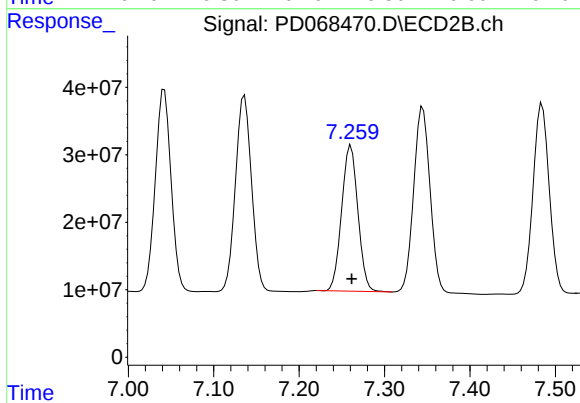
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: -0.001 min
Response: 366886975
Conc: 51.85 ng/ml



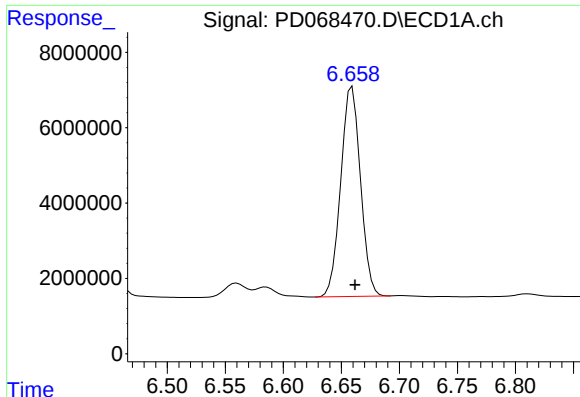
#18 Endrin aldehyde

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 48223819
Conc: 52.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 286308676
Conc: 47.58 ng/ml



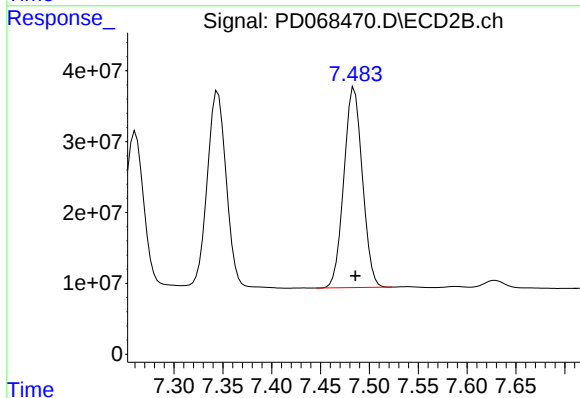
#19 Endosulfan Sulfate

R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 65862021
Conc: 52.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

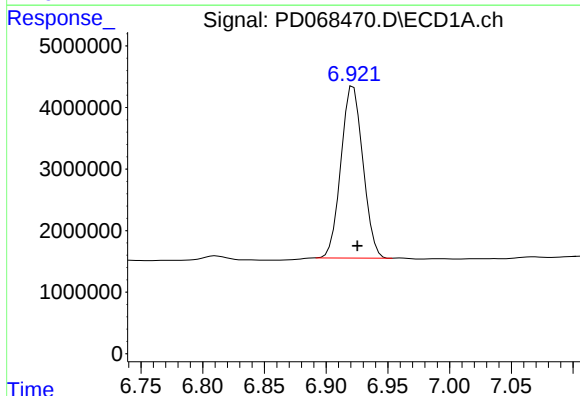
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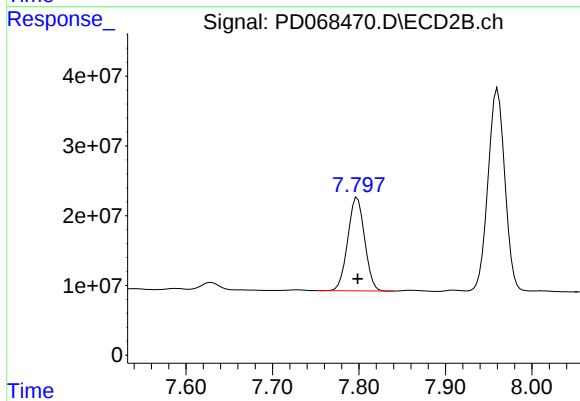
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: -0.001 min
Response: 372949514
Conc: 47.94 ng/ml



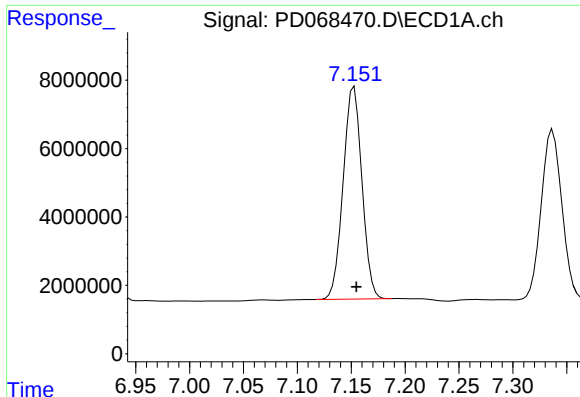
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: -0.003 min
Response: 34559413
Conc: 53.26 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 181562607
Conc: 52.26 ng/ml



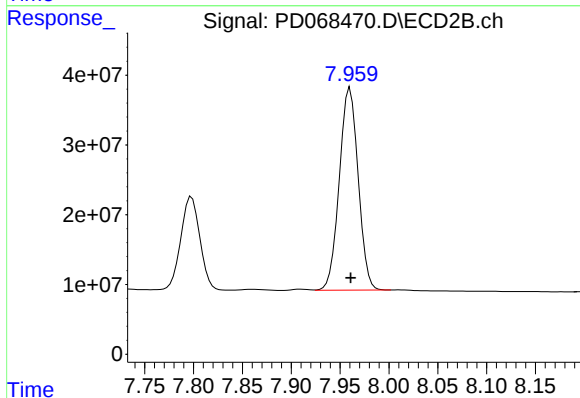
#21 Endrin ketone

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 75437349
Conc: 51.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

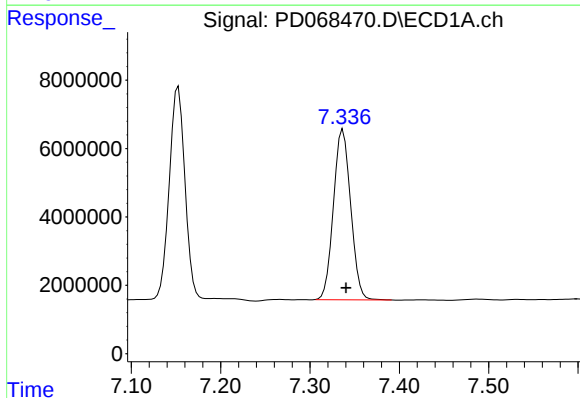
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/11/2022
Supervised By :Ankita Jodhani 03/11/2022



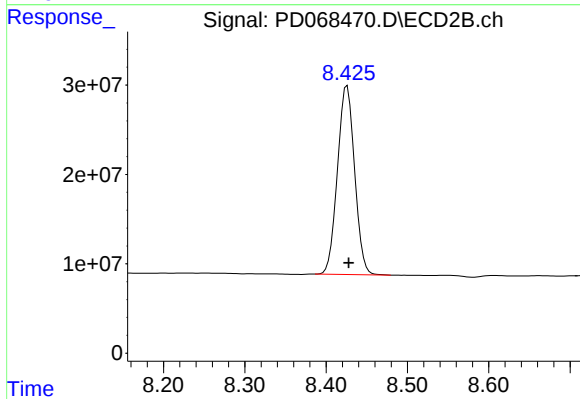
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 390695953
Conc: 46.54 ng/ml



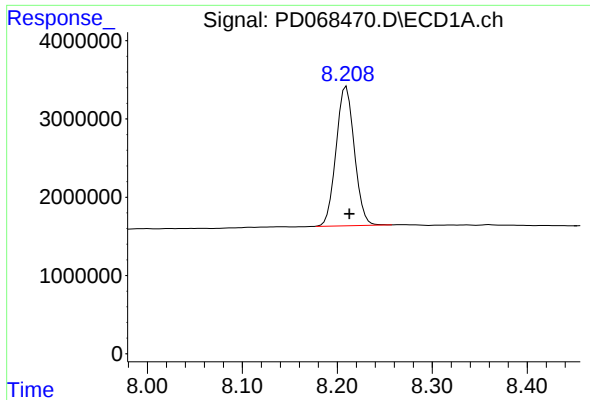
#22 Mirex

R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 66734790
Conc: 52.65 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 309095617
Conc: 48.33 ng/ml



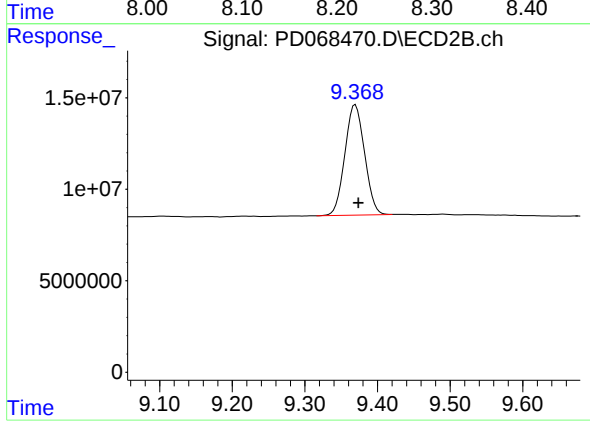
#28 Decachlorobiphenyl

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 23778733
Conc: 20.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
CG-B1-030722-2-5MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/11/2022



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.004 min
Response: 113975642
Conc: 19.22 ng/ml