

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030422\
 Data File : PD068315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2022 15:40
 Operator : AR\AJ
 Sample : N1751-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DUM-14MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/04/2022
 Supervised By : Ankita Jodhani 03/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 01:09:04 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.449	4.176	21825131	189.5E6	18.618	19.743
28)	SA Decachlor...	8.214	9.373	20463182	101.9E6	17.584	17.183
Target Compounds							
2)	A alpha-BHC	3.889	4.571	90276509	683.4E6	52.611	49.807
3)	MA gamma-BHC...	4.172	4.863	84131158	628.1E6	52.831	50.658
4)	MA Heptachlor	4.470	5.390	80036883	595.6E6	53.017m	52.585
5)	MB Aldrin	4.720	5.703	76389208	601.8E6	48.774	50.896
6)	B beta-BHC	4.423	5.025	36184356	286.0E6	51.570	52.913
7)	B delta-BHC	4.626	5.251	84270988	676.6E6	52.229	54.394
8)	B Heptachlo...	5.164	6.090	88185025	639.8E6	60.488	59.695
9)	A Endosulfan I	5.503	6.454	72240949	521.9E6	52.971	54.084
10)	B gamma-Chl...	5.390	6.327	101.0E6	752.7E6	67.843	71.182
11)	B alpha-Chl...	5.449	6.403	110.4E6	971.6E6	75.114	94.262 #
12)	B 4,4'-DDE	5.615	6.553	77644043	543.0E6	56.923	55.540
13)	MA Dieldrin	5.747	6.712	81755939	551.5E6	55.598	53.515
14)	MA Endrin	6.005	6.932	69458660	402.8E6	56.227	52.382
15)	B Endosulfa...	6.278	7.136	72161296	421.7E6	56.716m	51.325m
16)	A 4,4'-DDD	6.133	7.041	60258777	498.8E6	50.811	63.375m
17)	MA 4,4'-DDT	6.373	7.346	64420523	408.0E6	58.417	57.663
18)	B Endrin al...	6.448	7.260	51099671	314.1E6	55.754	52.203m
19)	B Endosulfa...	6.661	7.486	64702675	407.7E6	51.343	52.395
20)	A Methoxychlor	6.926	7.799	33142899	191.5E6	51.076	55.109
21)	B Endrin ke...	7.155	7.961	73111862	424.5E6	49.659	50.568
22)	Mirex	7.340	8.427	65128887	334.2E6	51.383	52.246

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030422\
Data File : PD068315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Mar 2022 15:40
Operator : AR\AJ
Sample : N1751-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

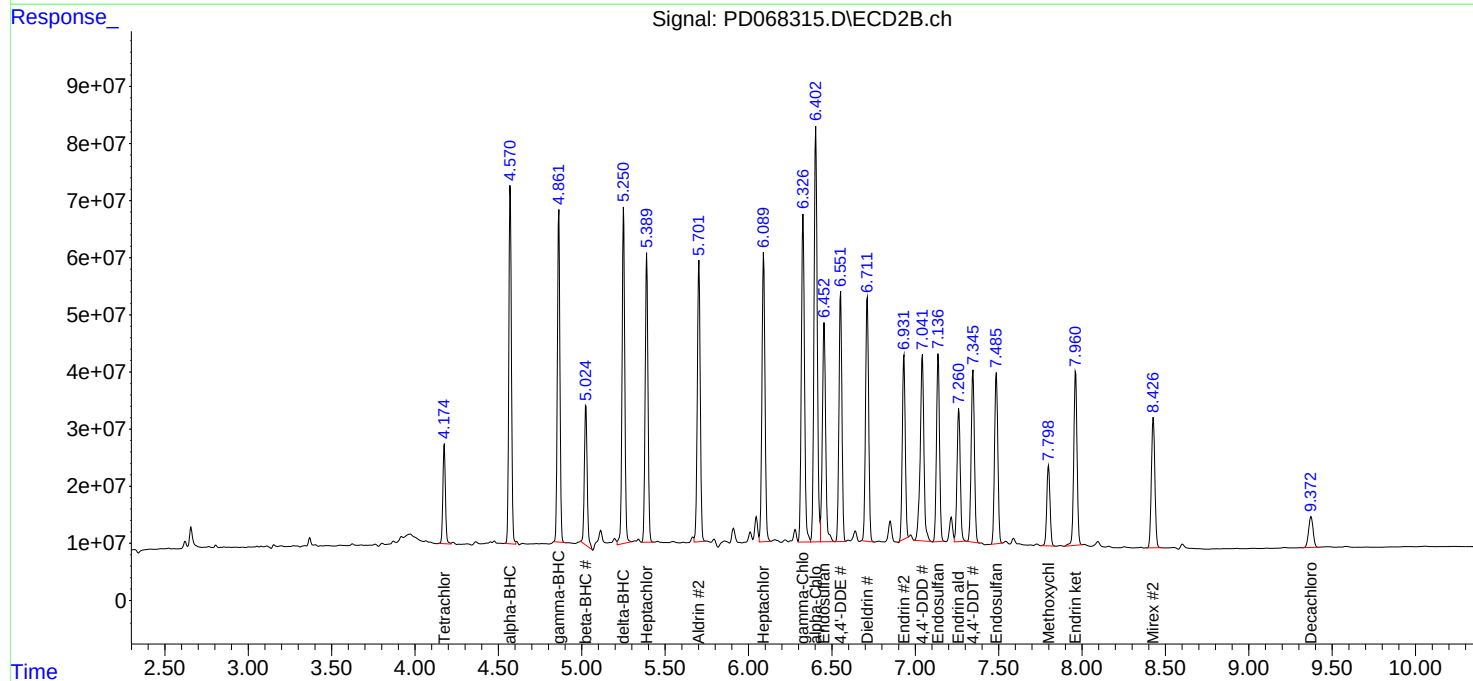
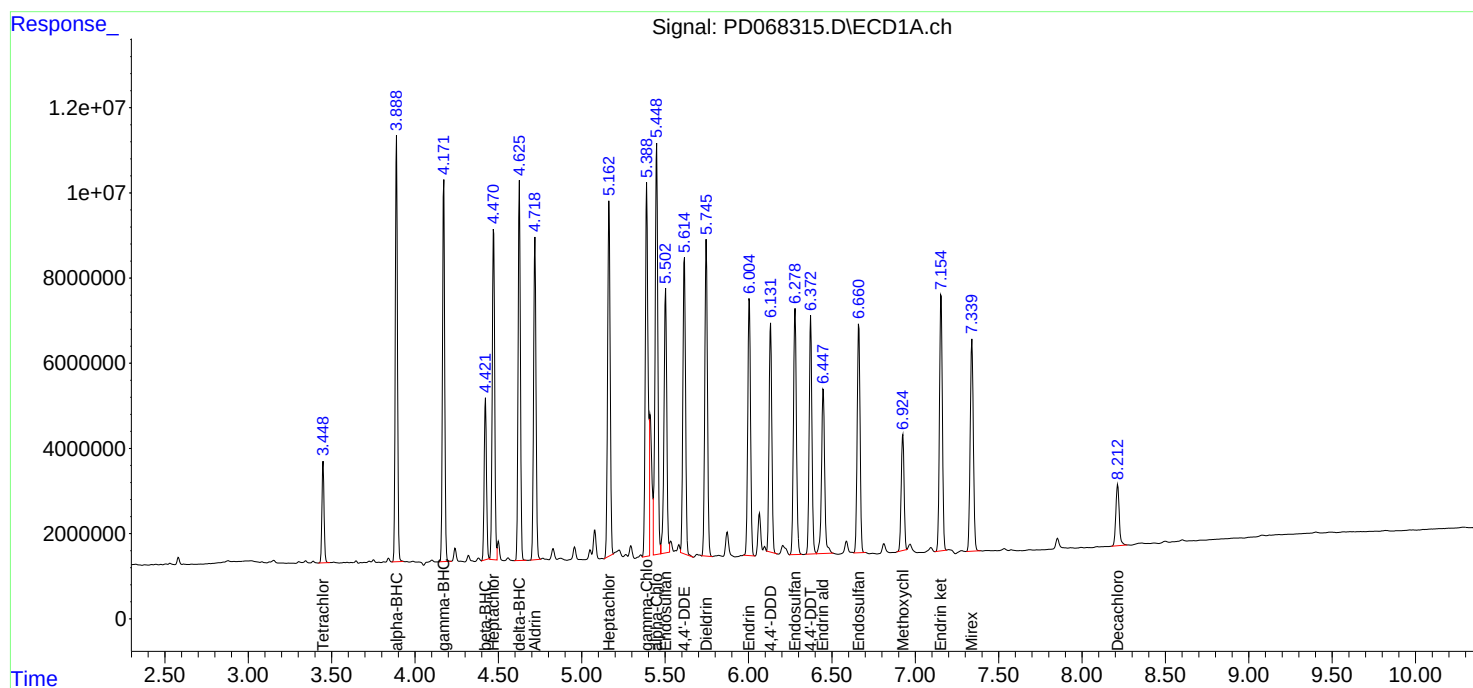
Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

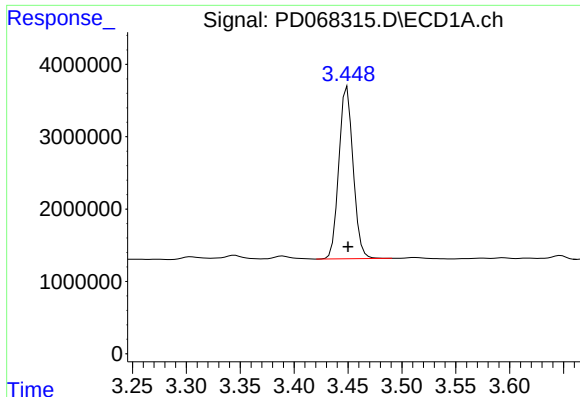
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 04 01:09:04 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





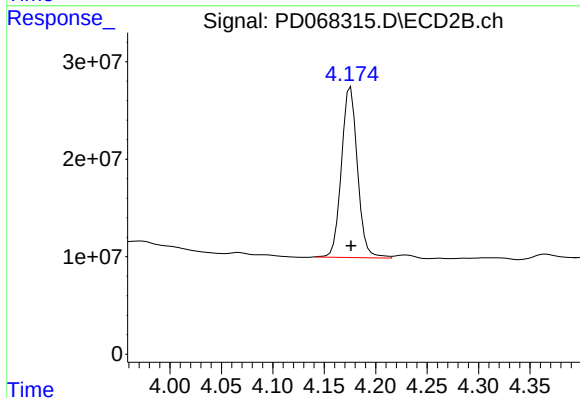
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 21825131
Conc: 18.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

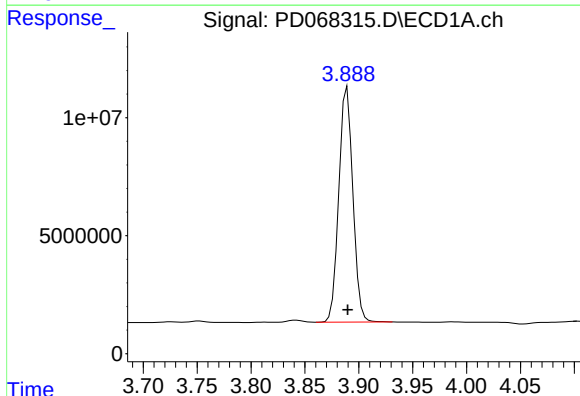
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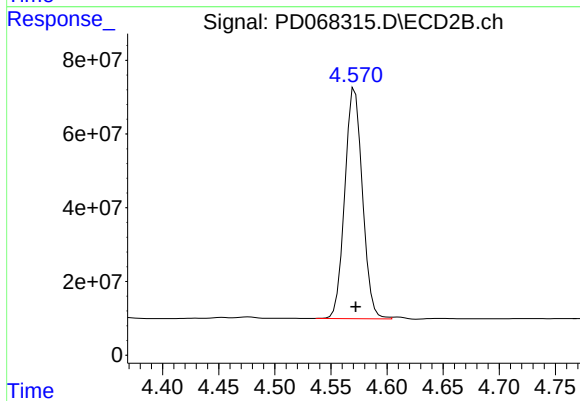
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 189489574
Conc: 19.74 ng/ml



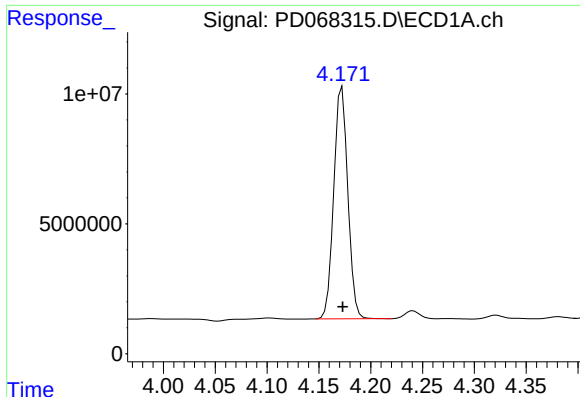
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 90276509
Conc: 52.61 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 683433846
Conc: 49.81 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 84131158
Conc: 52.83 ng/ml

Instrument :

ECD_D

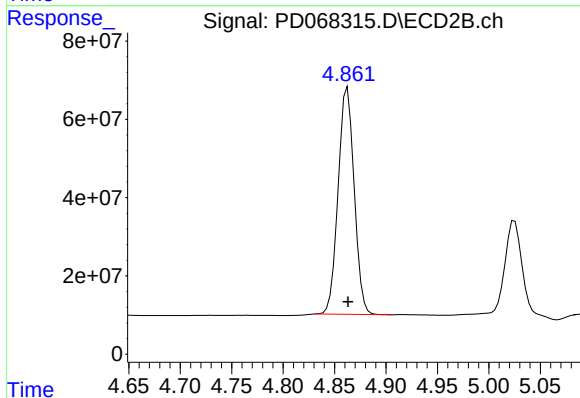
ClientSampleId :

DUM-14MSD

Manual Integrations

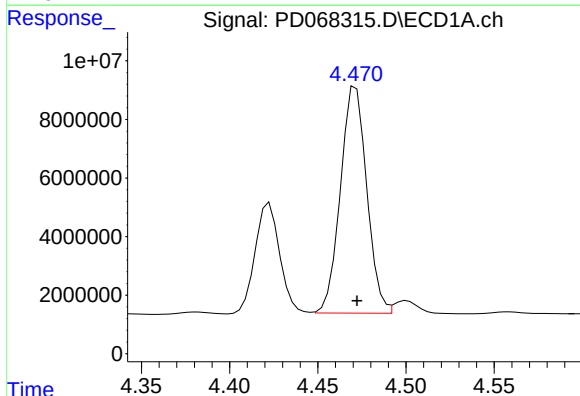
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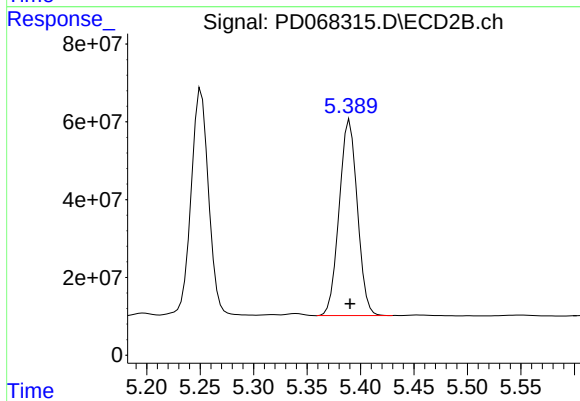
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 628141678
Conc: 50.66 ng/ml



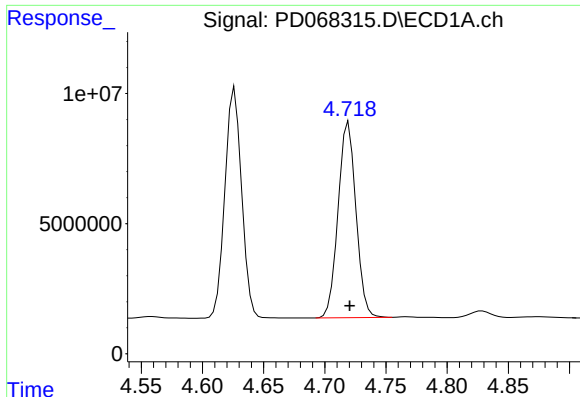
#4 Heptachlor

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 80036883
Conc: 53.02 ng/ml m



#4 Heptachlor

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 595620785
Conc: 52.59 ng/ml



#5 Aldrin

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 76389208
Conc: 48.77 ng/ml

Instrument :

ECD_D

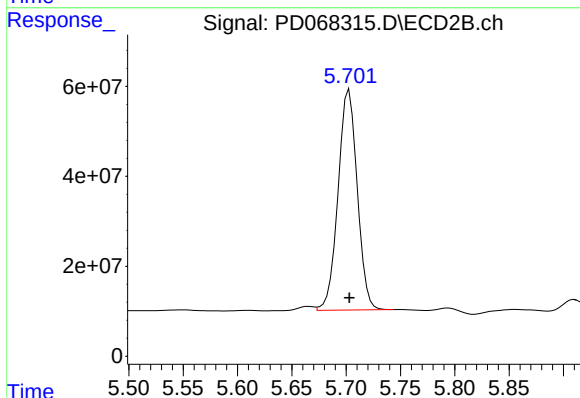
ClientSampleId :

DUM-14MSD

Manual Integrations

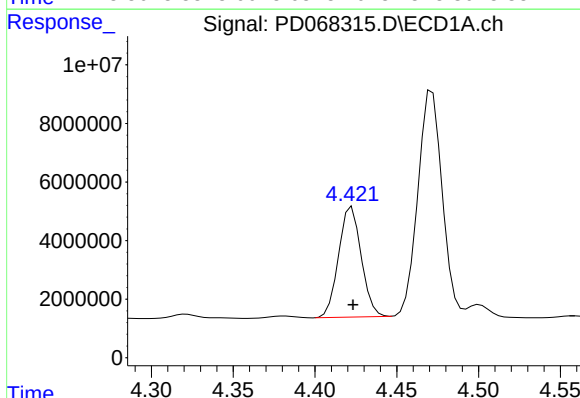
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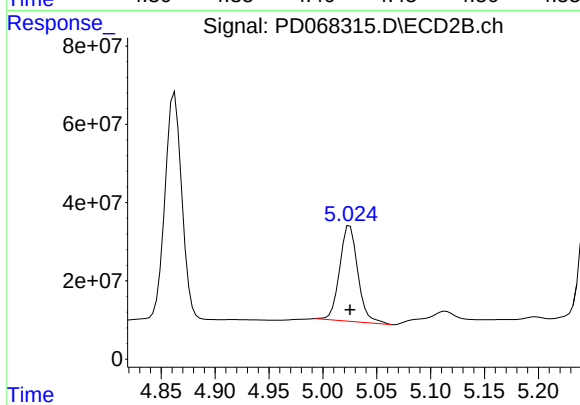
#5 Aldrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 601776686
Conc: 50.90 ng/ml



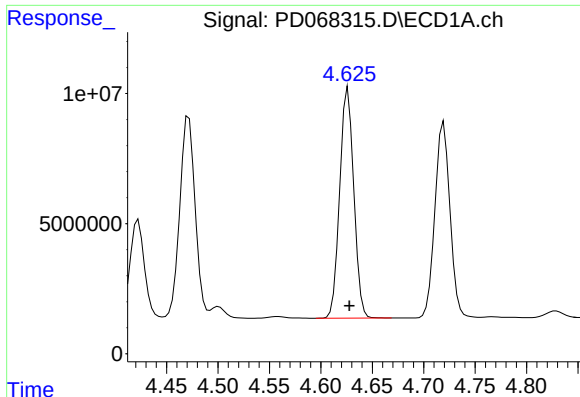
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 36184356
Conc: 51.57 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 286021927
Conc: 52.91 ng/ml



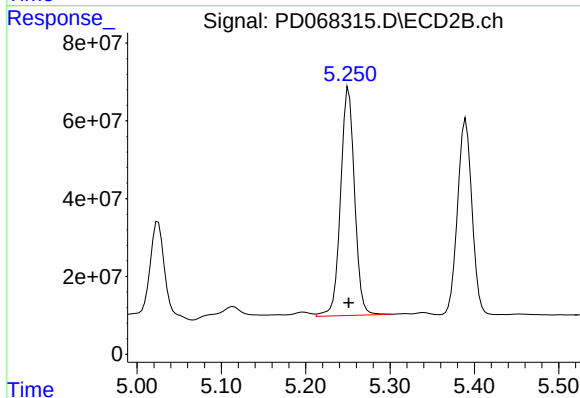
#7 delta-BHC

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 84270988
Conc: 52.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

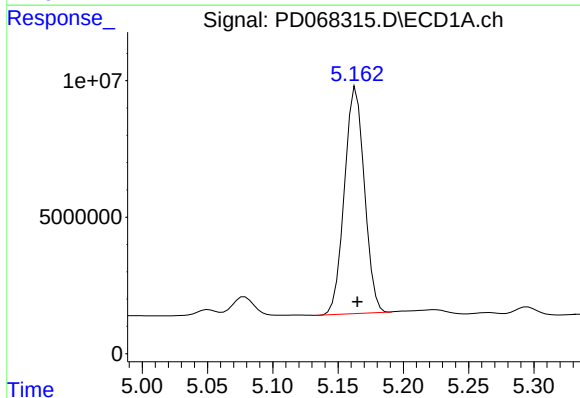
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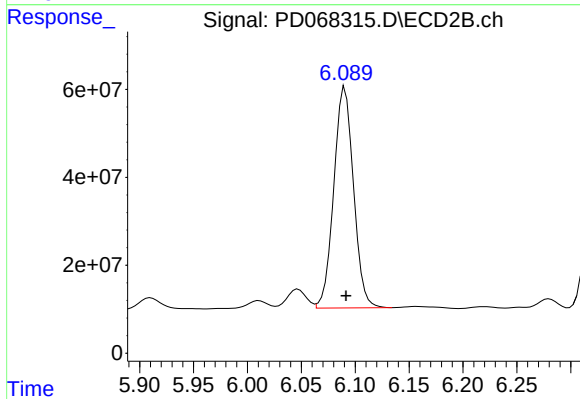
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 676563759
Conc: 54.39 ng/ml



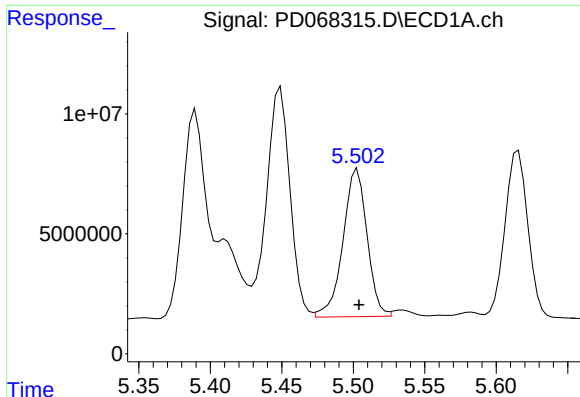
#8 Heptachlor epoxide

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 88185025
Conc: 60.49 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 639793846
Conc: 59.70 ng/ml



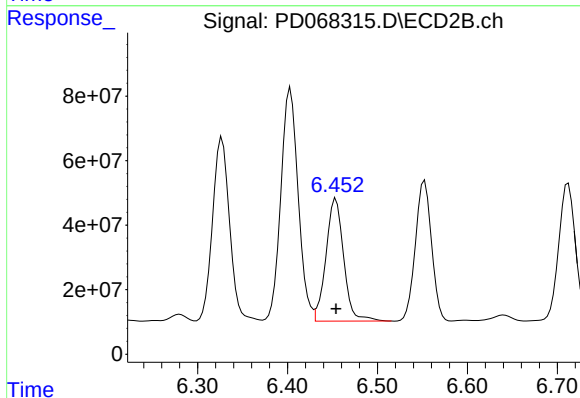
#9 Endosulfan I

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 72240949
Conc: 52.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

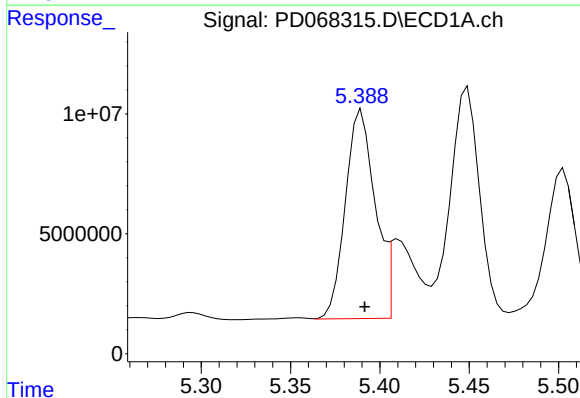
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Supervised By :Ankita Jodhani 03/04/2022



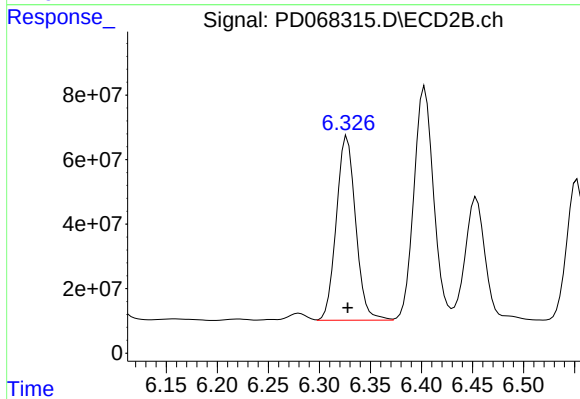
#9 Endosulfan I

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 521868716
Conc: 54.08 ng/ml



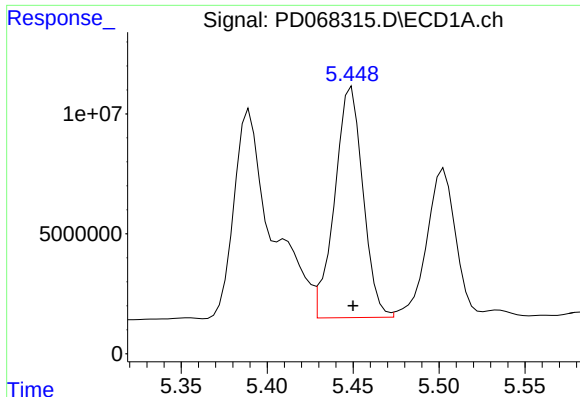
#10 gamma-Chlordane

R.T.: 5.390 min
Delta R.T.: -0.002 min
Response: 100996086
Conc: 67.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 752672135
Conc: 71.18 ng/ml



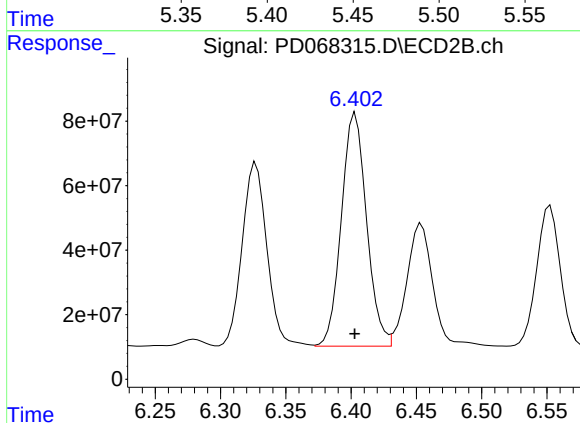
#11 alpha-Chlordane

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 110373097
Conc: 75.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

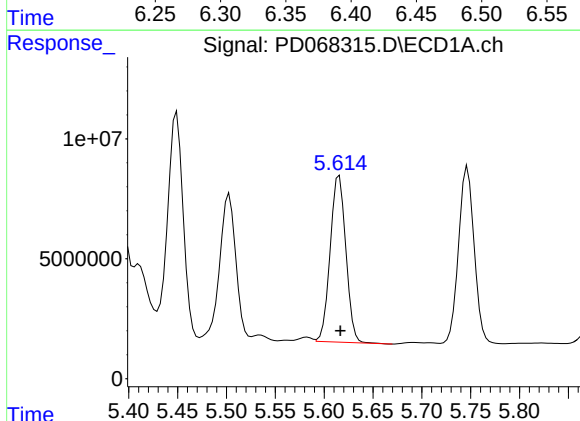
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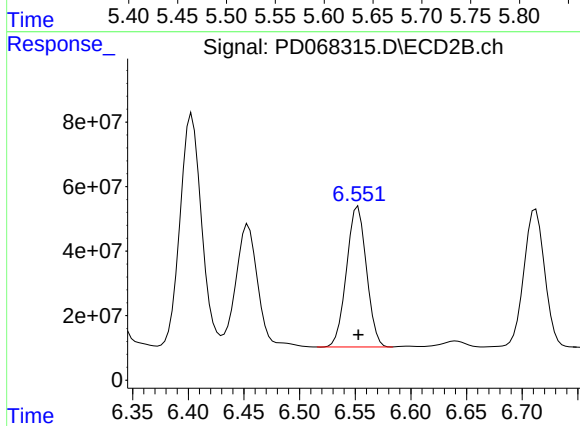
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 971601033
Conc: 94.26 ng/ml



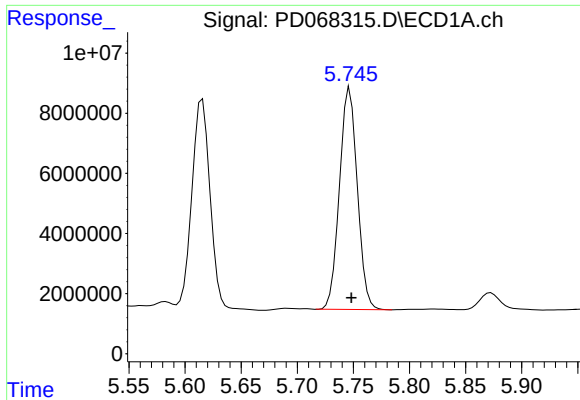
#12 4,4'-DDE

R.T.: 5.615 min
Delta R.T.: -0.001 min
Response: 77644043
Conc: 56.92 ng/ml



#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 542979508
Conc: 55.54 ng/ml



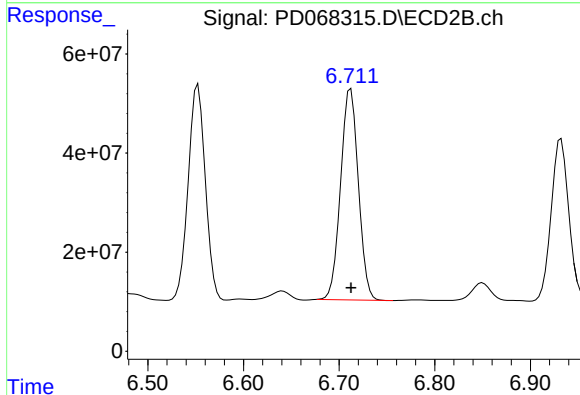
#13 Dieldrin

R.T.: 5.747 min
Delta R.T.: -0.001 min
Response: 81755939
Conc: 55.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

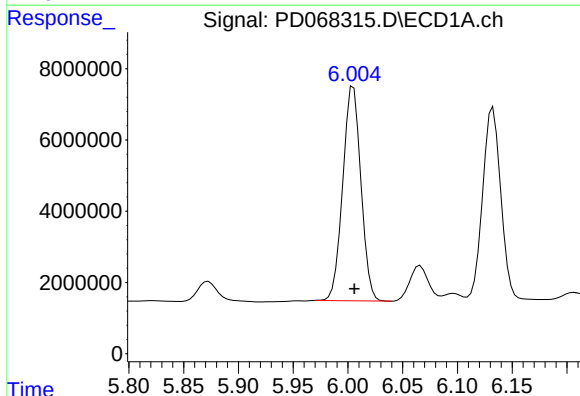
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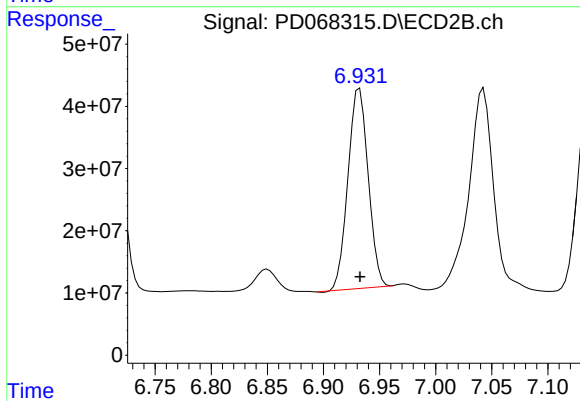
#13 Dieldrin

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 551484451
Conc: 53.51 ng/ml



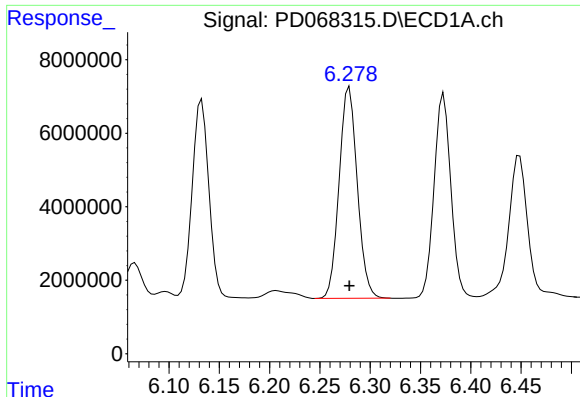
#14 Endrin

R.T.: 6.005 min
Delta R.T.: -0.001 min
Response: 69458660
Conc: 56.23 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 402847787
Conc: 52.38 ng/ml



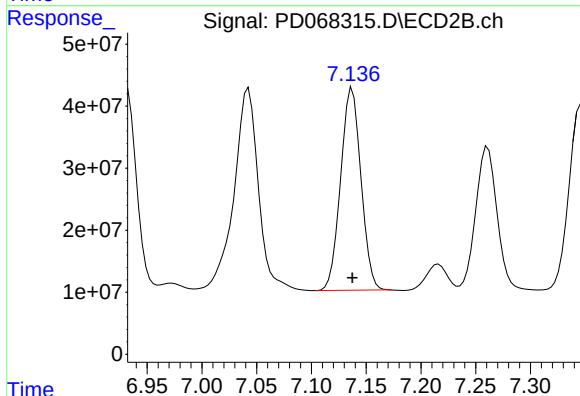
#15 Endosulfan II

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 72161296
Conc: 56.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

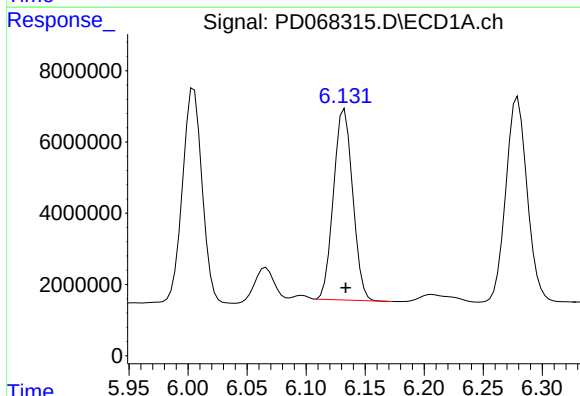
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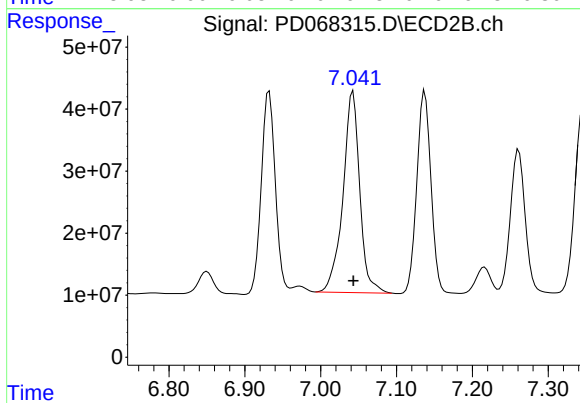
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 421749679
Conc: 51.33 ng/ml m



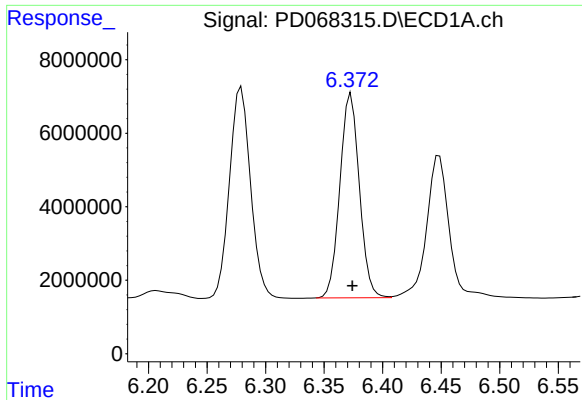
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: -0.001 min
Response: 60258777
Conc: 50.81 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: -0.002 min
Response: 498771972
Conc: 63.38 ng/ml m



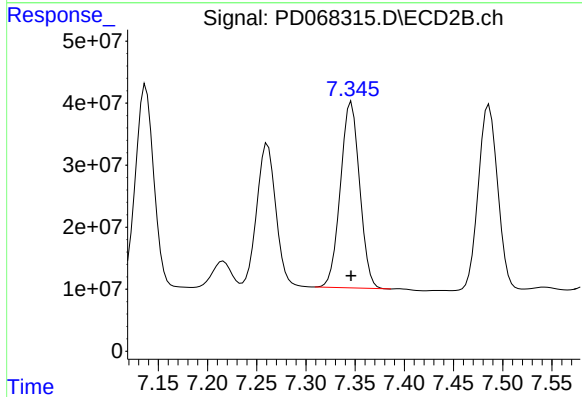
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 64420523
Conc: 58.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

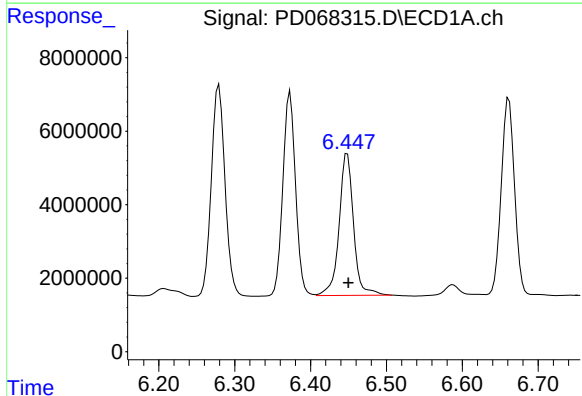
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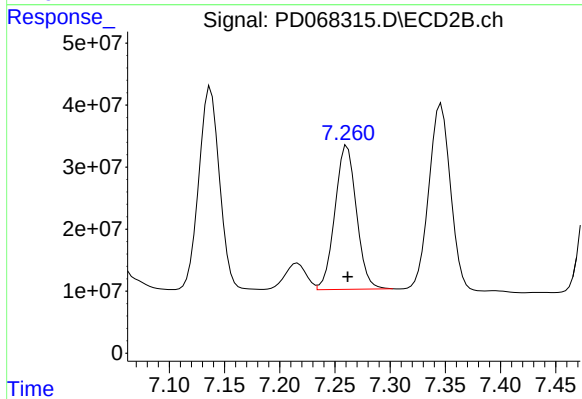
#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 407993930
Conc: 57.66 ng/ml



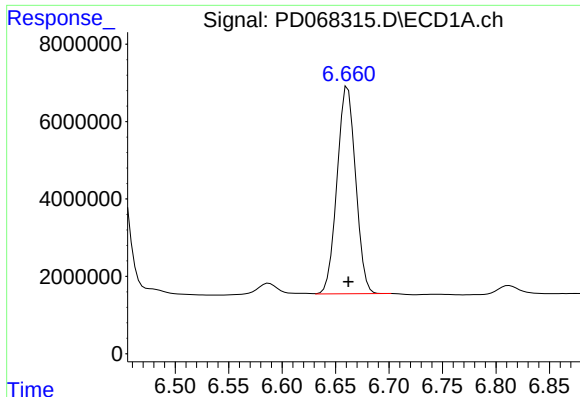
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 51099671
Conc: 55.75 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 314130806
Conc: 52.20 ng/ml m



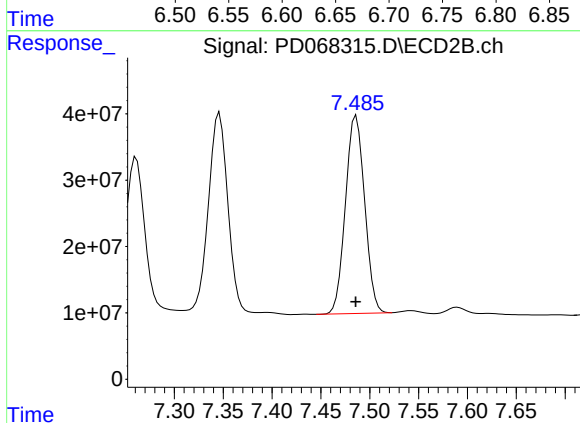
#19 Endosulfan Sulfate

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 64702675
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

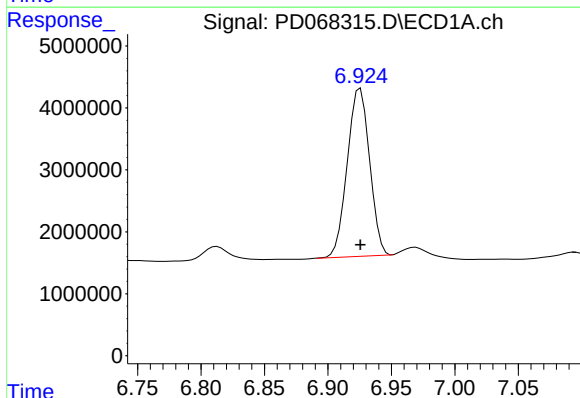
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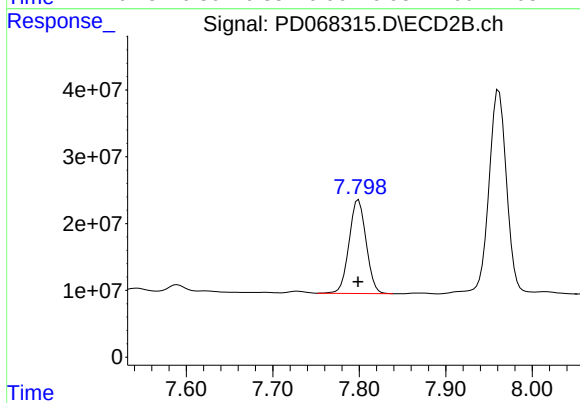
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 407652484
Conc: 52.40 ng/ml



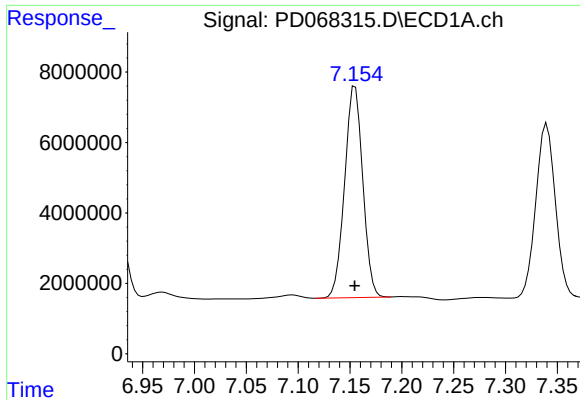
#20 Methoxychlor

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 33142899
Conc: 51.08 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 191473794
Conc: 55.11 ng/ml



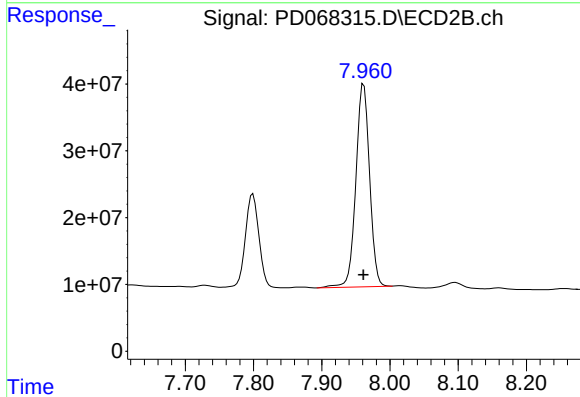
#21 Endrin ketone

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 73111862
Conc: 49.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

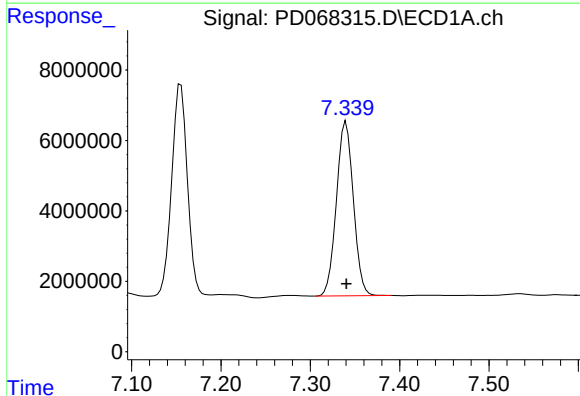
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Reviewed By :Abdul Mirza 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



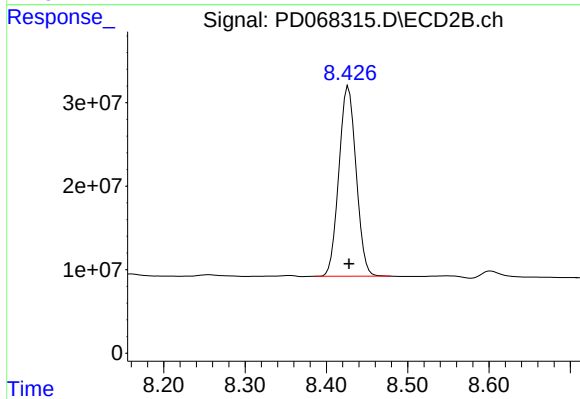
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 424510996
Conc: 50.57 ng/ml



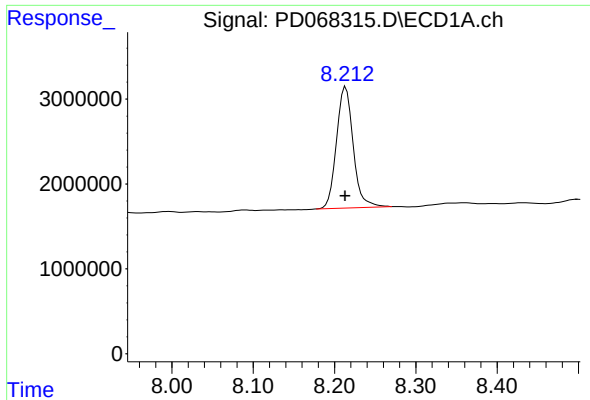
#22 Mirex

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 65128887
Conc: 51.38 ng/ml



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 334151435
Conc: 52.25 ng/ml



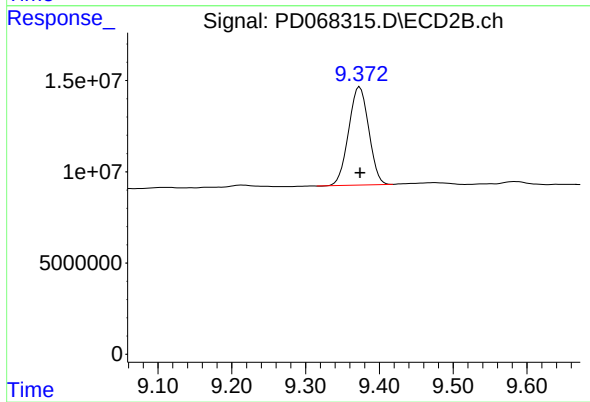
#28 Decachlorobiphenyl

R.T.: 8.214 min
Delta R.T.: 0.001 min
Response: 20463182
Conc: 17.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-14MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 101871780
Conc: 17.18 ng/ml