

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 02:56
 Operator : AR\AJ
 Sample : 04668-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RBR251354

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2023
 Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 06:25:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.540	2.759	26127530	19474803	9.051	9.535
2) SA Decachlor...	9.076	7.893	51885185	29068912	13.991	12.811
Target Compounds						
2) A alpha-BHC	3.997	3.259	118.9E6	70995511	24.483	23.685
3) MA gamma-BHC...	4.330	3.589	102.7E6	62731928	21.953	21.653
4) MA Heptachlor	4.920	3.928	119.2E6	68275943	25.352	23.141
5) MB Aldrin	5.263	4.207	116.9E6	60951963	24.201	20.544
6) B beta-BHC	4.528	3.886	44949625	29245582	24.201	25.304
7) B delta-BHC	4.776	4.115	109.5E6	59157298	24.309	20.676
8) B Heptachlo...	5.690	4.708	107.0E6	57389931	25.473	21.234
9) A Endosulfan I	6.077	5.078	96542162	58070646	24.711	23.093
10) B gamma-Chl...	5.947	4.959	115.6E6	60971571	27.537	22.688
11) B alpha-Chl...	6.027	5.022	106.5E6	59424159	25.285	22.130
12) B 4,4'-DDE	6.199	5.210	104.3E6	58732106	26.054	23.083
13) MA Dieldrin	6.352	5.342	105.5E6	60856717	25.157	21.800
14) MA Endrin	6.583	5.618	95380074	60156603	28.401	24.313
15) B Endosulfa...	6.803	5.912	92417423	58406090	25.676	24.534
16) A 4,4'-DDD	6.717	5.765	86718492	50546599	29.144	25.544
17) MA 4,4'-DDT	7.032	6.016	97251342	53740887	32.863	26.402
18) B Endrin al...	6.932	6.092	74116236	45435030	27.743m	24.508
19) B Endosulfa...	7.169	6.314	97709851	63112948	30.411	28.448
20) A Methoxychlor	7.508	6.591	54498634	33771916	32.655	30.954
21) B Endrin ke...	7.655	6.820	123.8E6	77085991	34.457	29.371
22) Mirex	8.128	7.001	99445471	63775110	37.232	31.296

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 02:56
Operator : AR\AJ
Sample : 04668-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

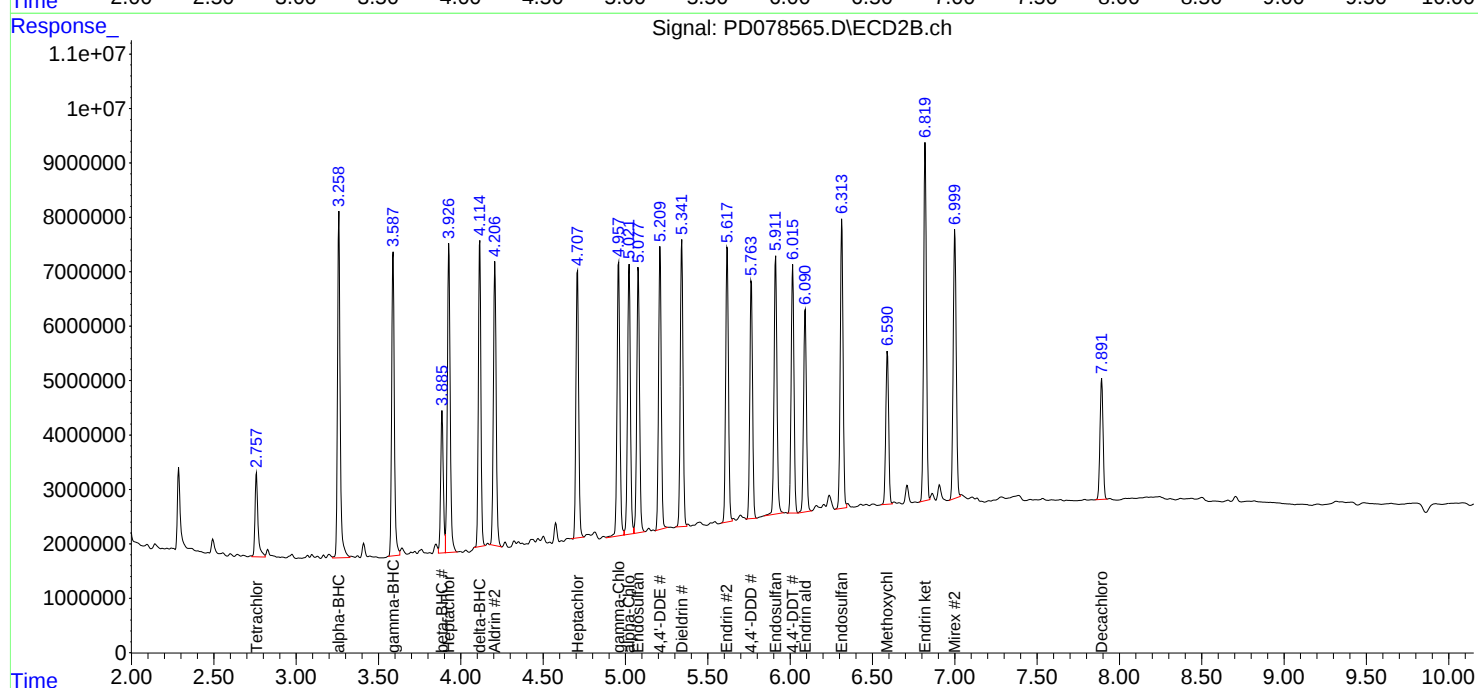
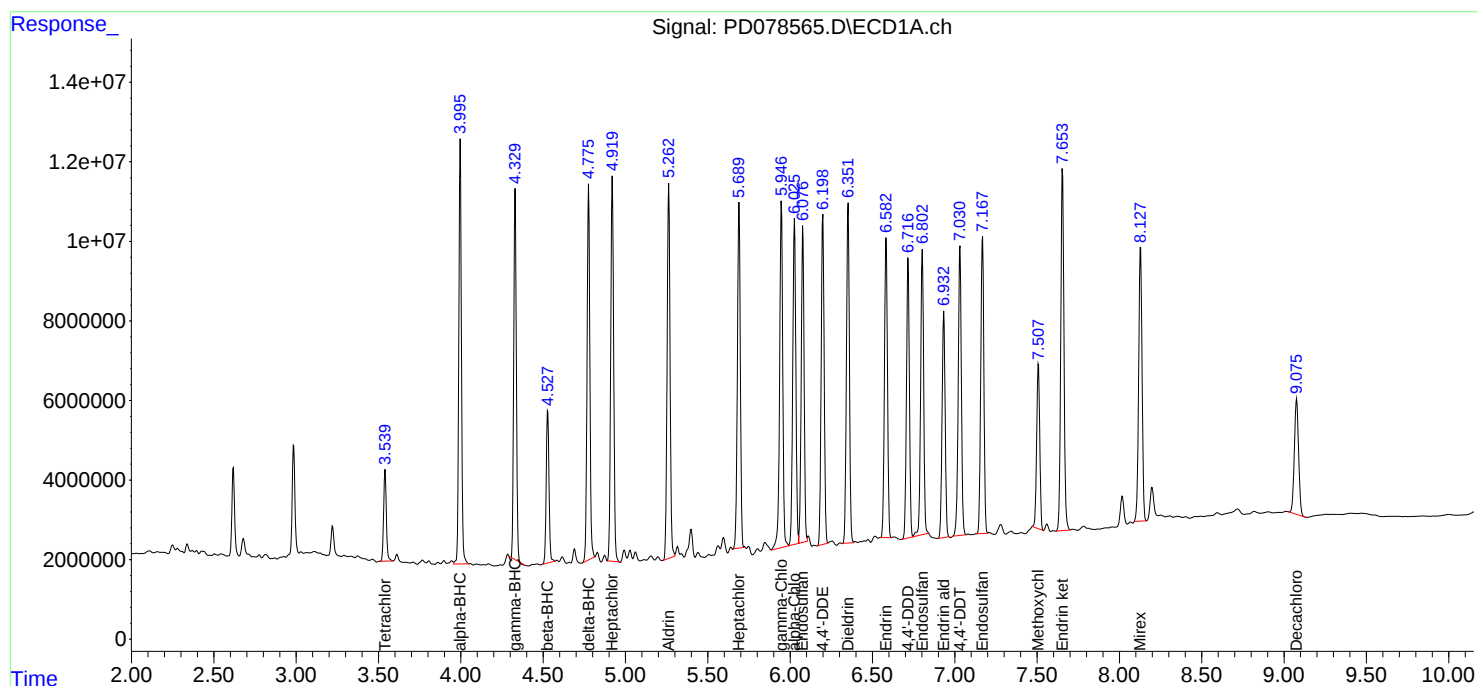
Instrument :
ECD_D
ClientSampleId :
RBR251354

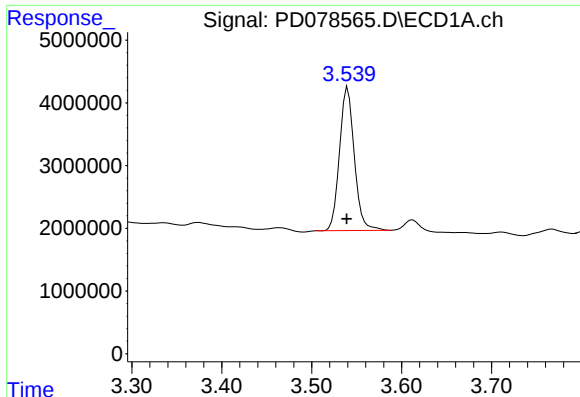
Manual Integrations
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Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 06:25:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





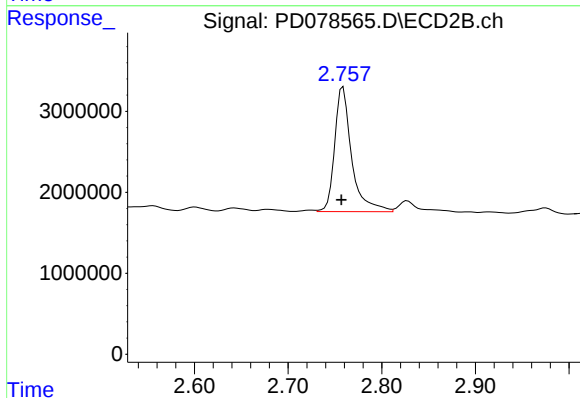
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 26127530
Conc: 9.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR251354

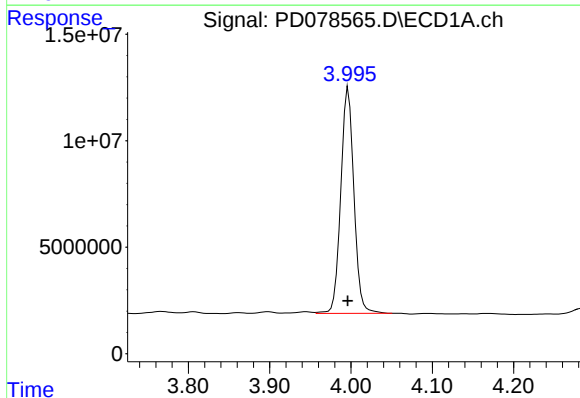
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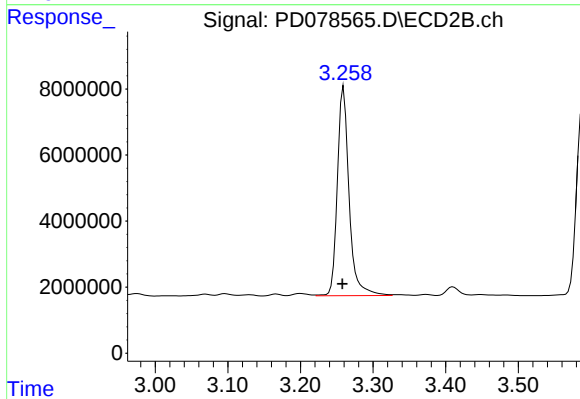
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.002 min
Response: 19474803
Conc: 9.54 ng/ml



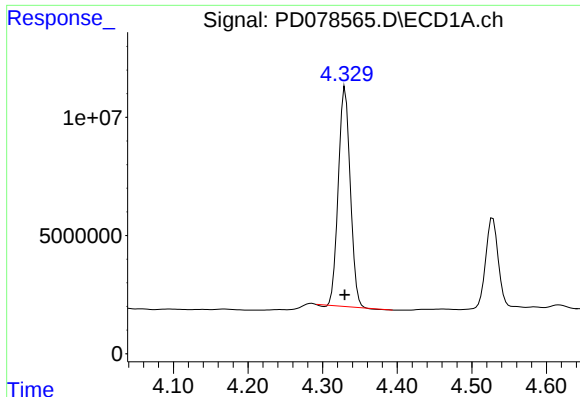
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 118898566
Conc: 24.48 ng/ml



#2 alpha-BHC

R.T.: 3.259 min
Delta R.T.: 0.002 min
Response: 70995511
Conc: 23.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 102698427
Conc: 21.95 ng/ml

Instrument :

ECD_D

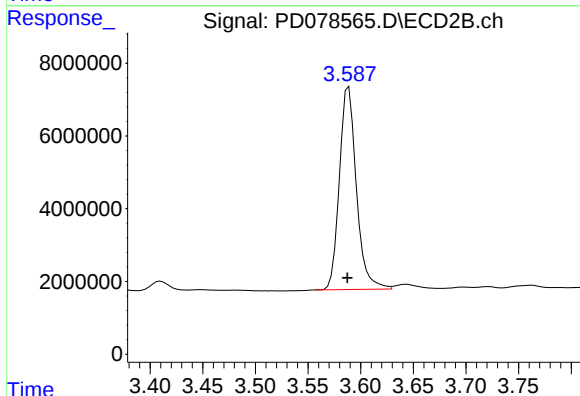
ClientSampleId :

RBR251354

Manual Integrations

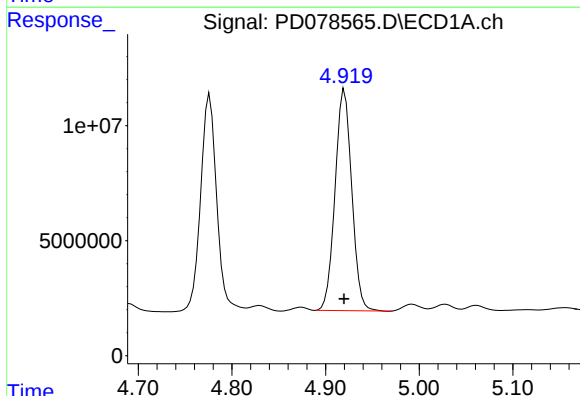
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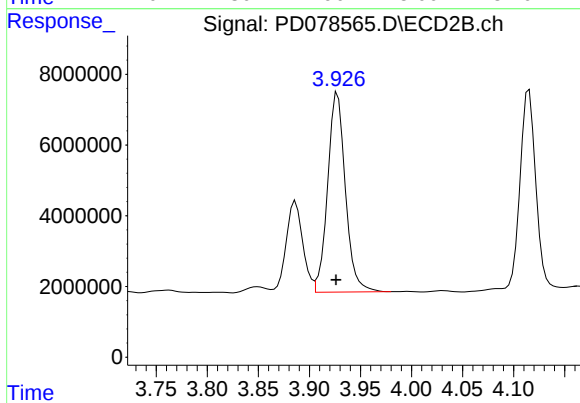
#3 gamma-BHC (Lindane)

R.T.: 3.589 min
Delta R.T.: 0.001 min
Response: 62731928
Conc: 21.65 ng/ml



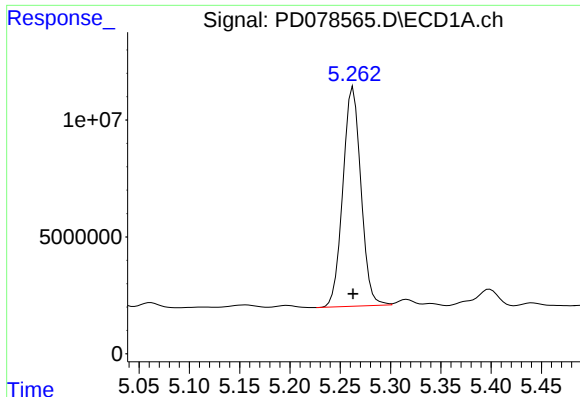
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 119190681
Conc: 25.35 ng/ml



#4 Heptachlor

R.T.: 3.928 min
Delta R.T.: 0.002 min
Response: 68275943
Conc: 23.14 ng/ml



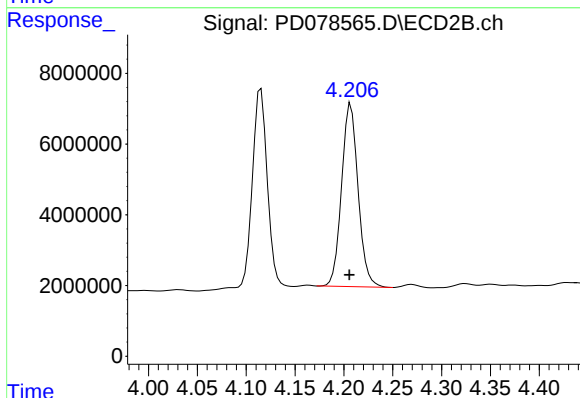
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 116916370
Conc: 24.20 ng/ml

Instrument :
ECD_D
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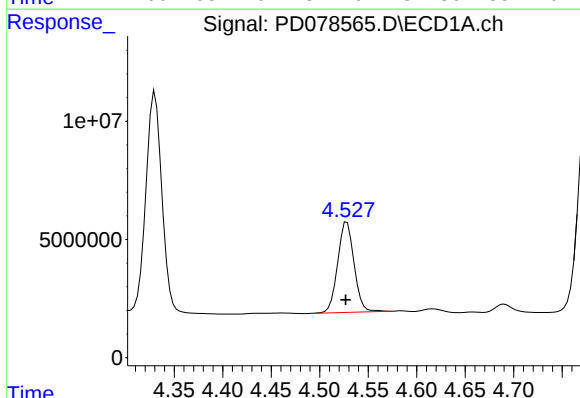
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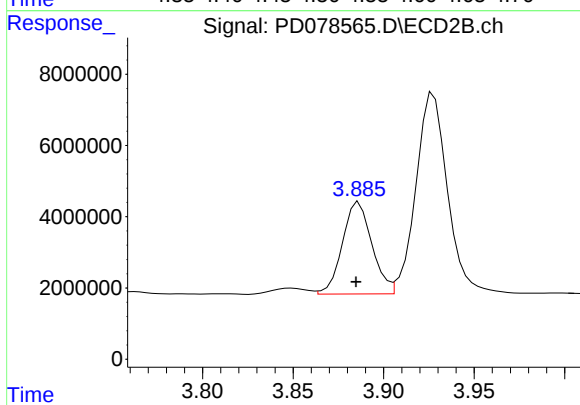
#5 Aldrin

R.T.: 4.207 min
Delta R.T.: 0.002 min
Response: 60951963
Conc: 20.54 ng/ml



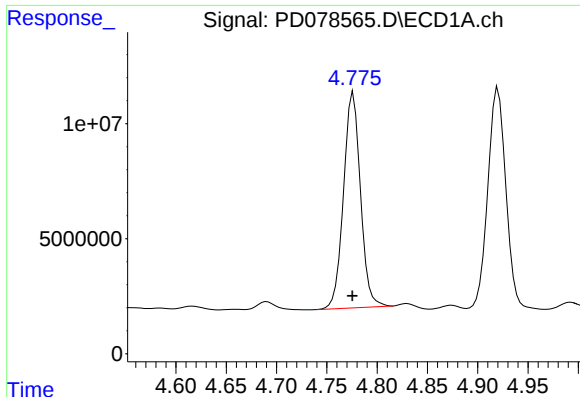
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 44949625
Conc: 24.20 ng/ml



#6 beta-BHC

R.T.: 3.886 min
Delta R.T.: 0.002 min
Response: 29245582
Conc: 25.30 ng/ml



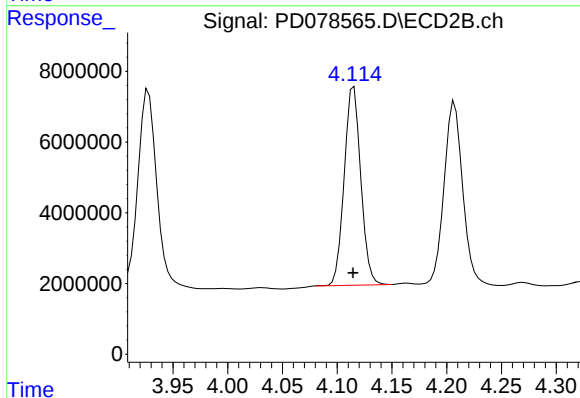
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 109489179
Conc: 24.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR251354

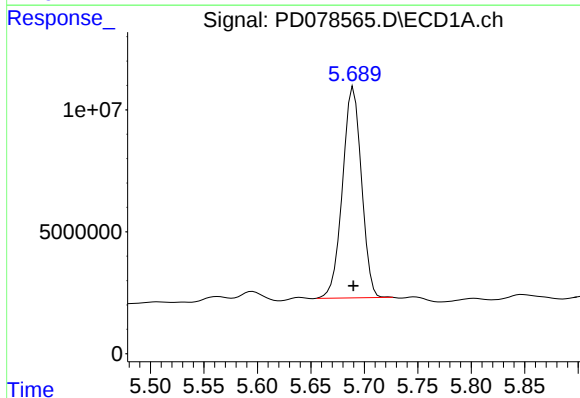
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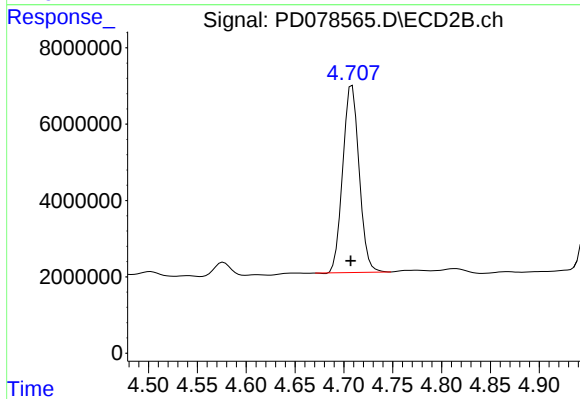
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 59157298
Conc: 20.68 ng/ml



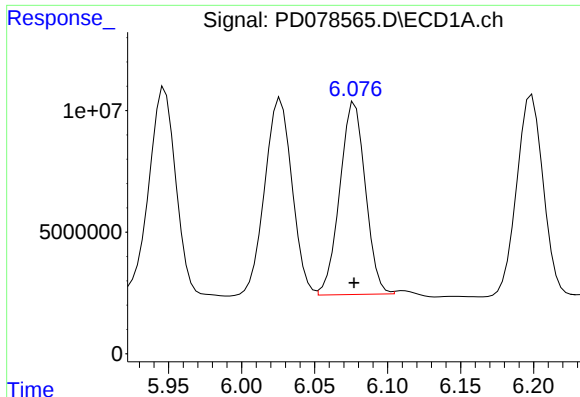
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 106987575
Conc: 25.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 57389931
Conc: 21.23 ng/ml



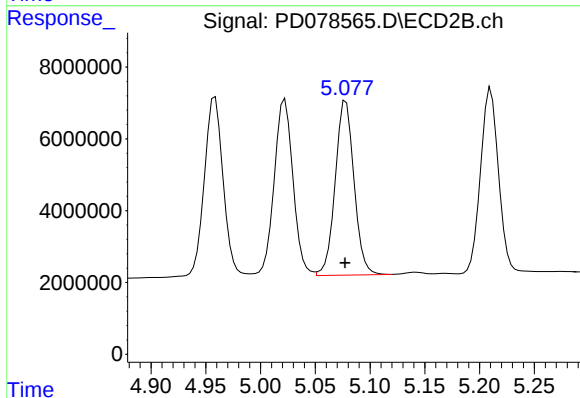
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 96542162
Conc: 24.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR251354

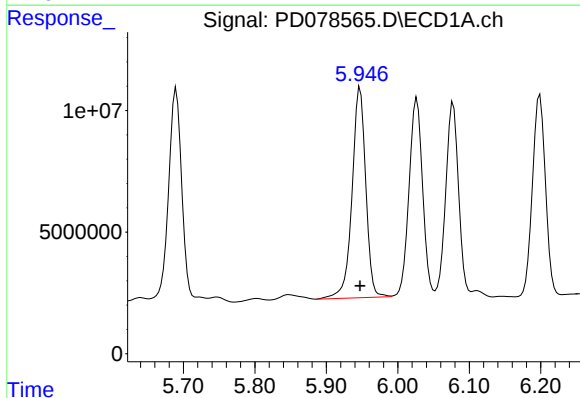
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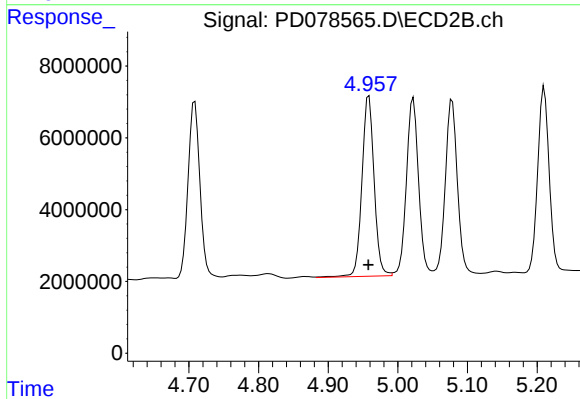
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 58070646
Conc: 23.09 ng/ml



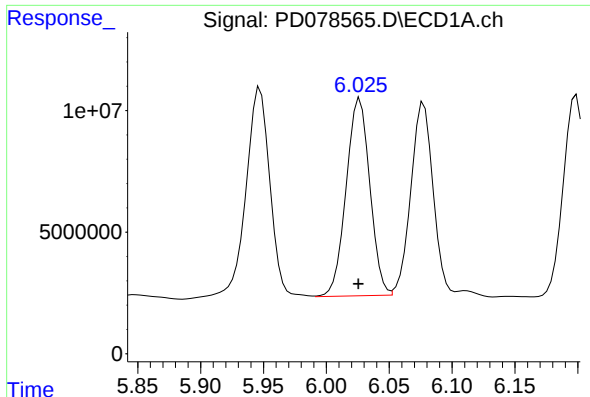
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 115629532
Conc: 27.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 60971571
Conc: 22.69 ng/ml



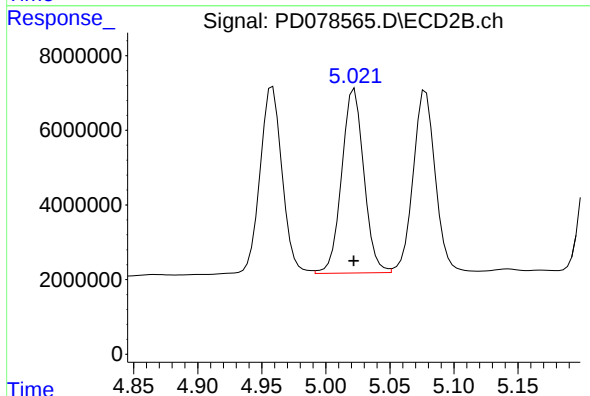
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.001 min
Response: 106532132
Conc: 25.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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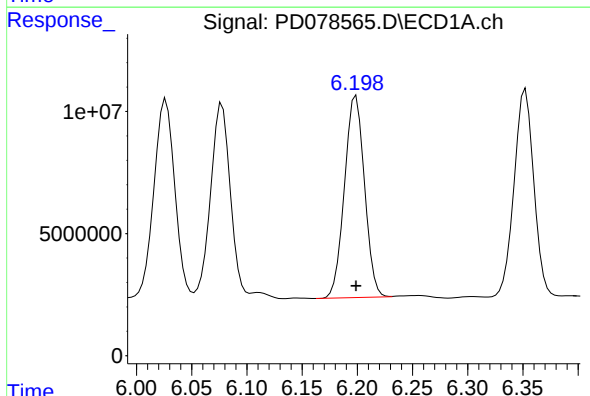
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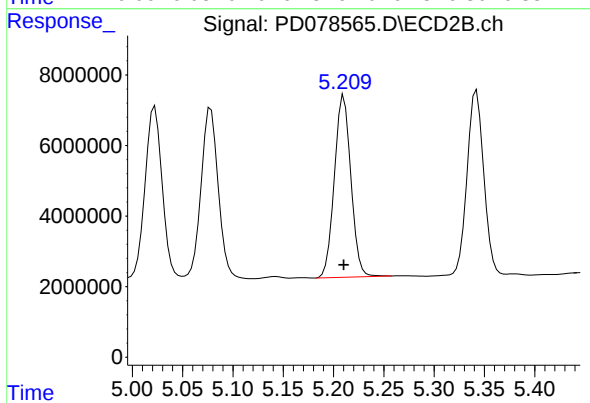
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 59424159
Conc: 22.13 ng/ml



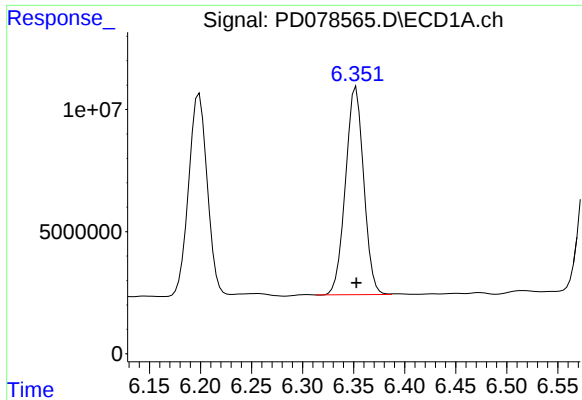
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 104282376
Conc: 26.05 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 58732106
Conc: 23.08 ng/ml



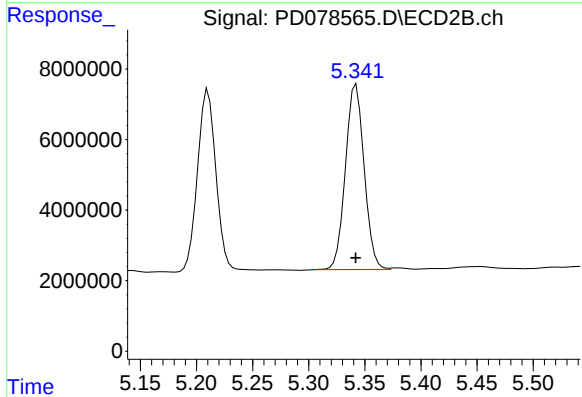
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 105539816
Conc: 25.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR251354

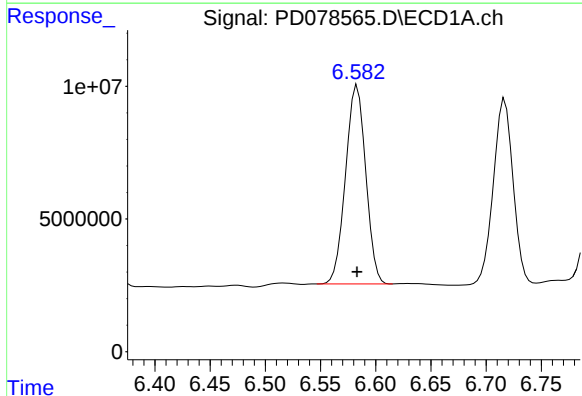
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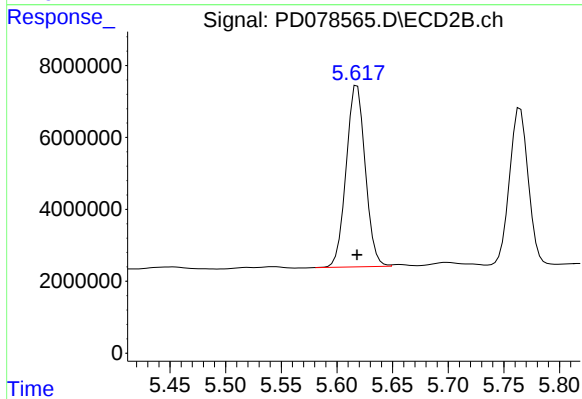
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 60856717
Conc: 21.80 ng/ml



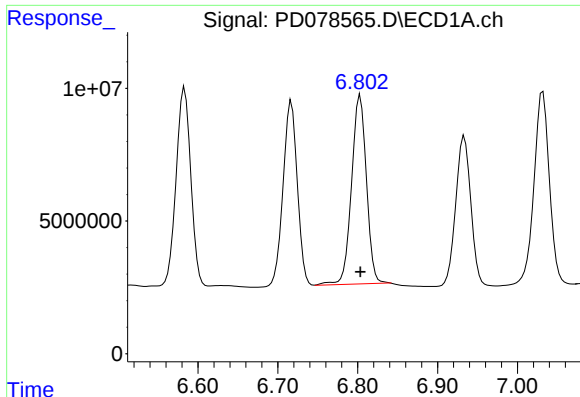
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 95380074
Conc: 28.40 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 60156603
Conc: 24.31 ng/ml



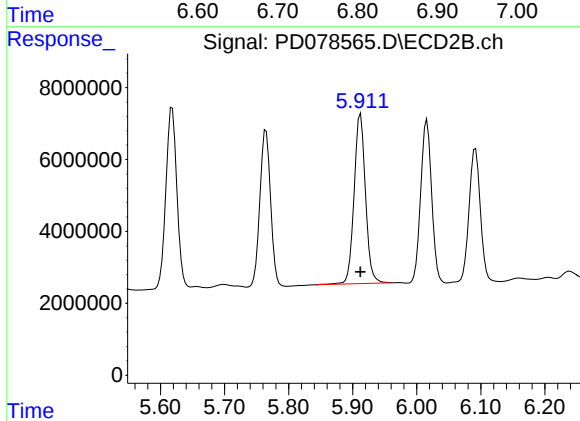
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 92417423
Conc: 25.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR251354

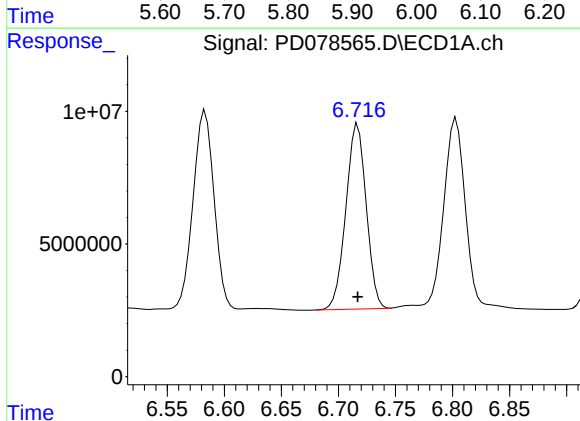
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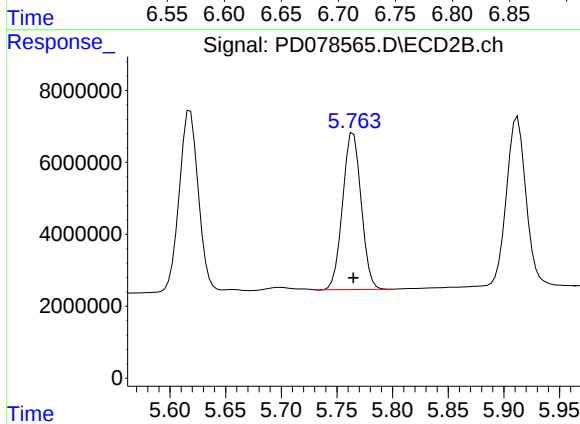
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 58406090
Conc: 24.53 ng/ml



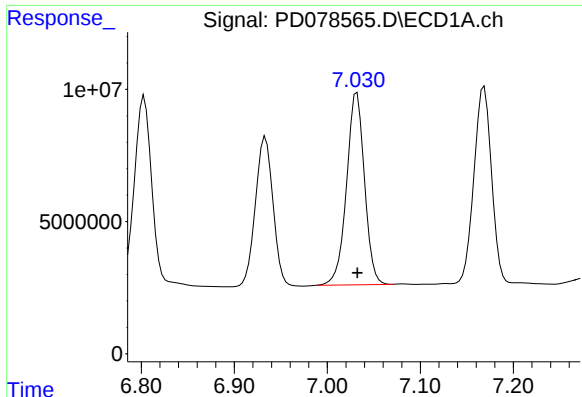
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 86718492
Conc: 29.14 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 50546599
Conc: 25.54 ng/ml



#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 97251342
Conc: 32.86 ng/ml

Instrument :

ECD_D

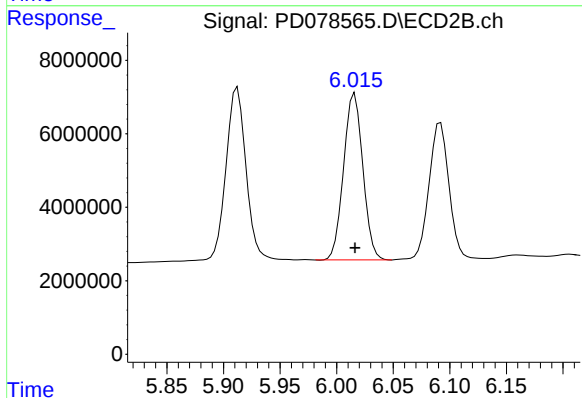
ClientSampleId :

RBR251354

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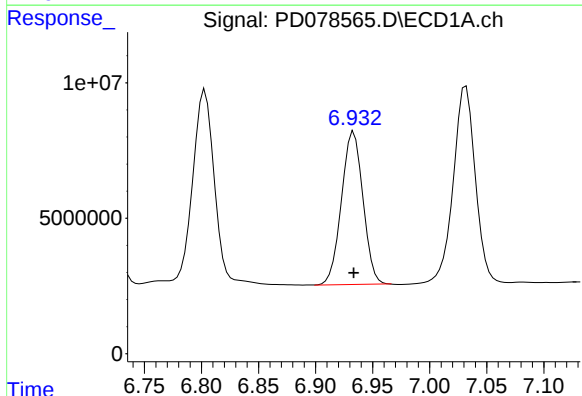
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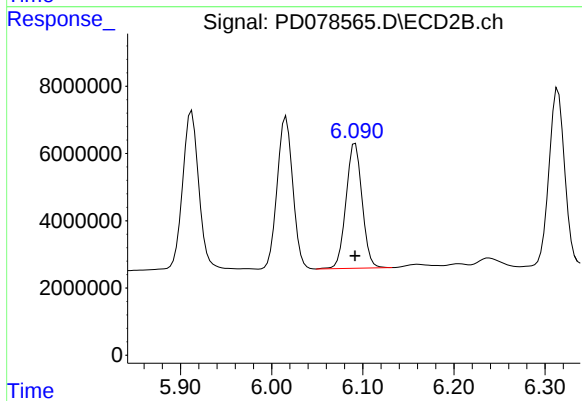
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 53740887
Conc: 26.40 ng/ml



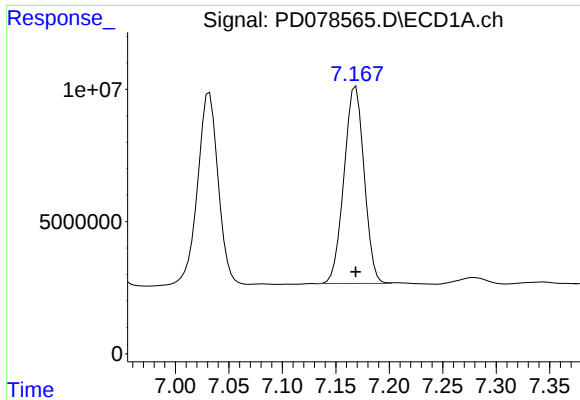
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 74116236
Conc: 27.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 45435030
Conc: 24.51 ng/ml



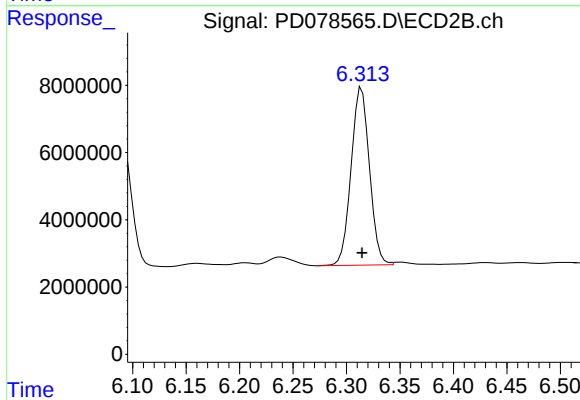
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 97709851
Conc: 30.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
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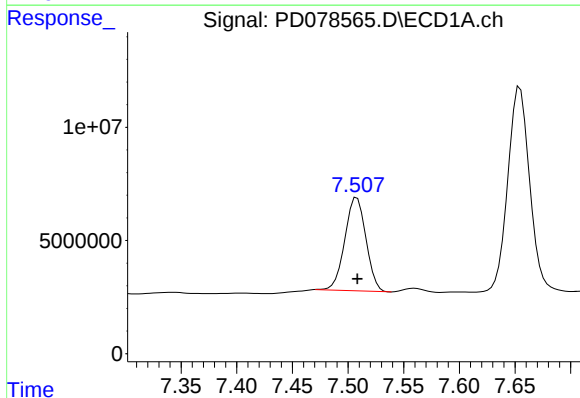
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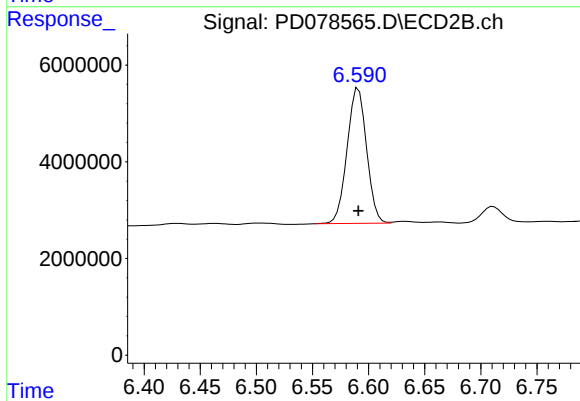
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 63112948
Conc: 28.45 ng/ml



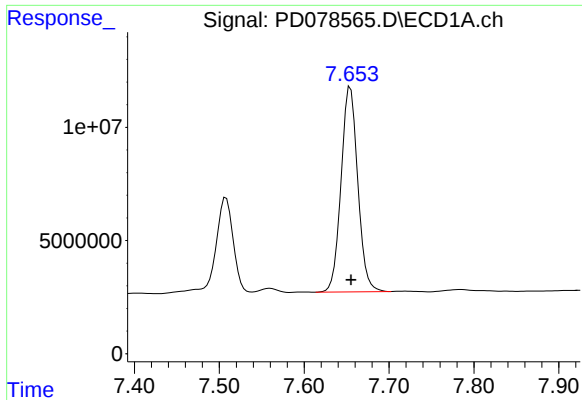
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 54498634
Conc: 32.65 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 33771916
Conc: 30.95 ng/ml



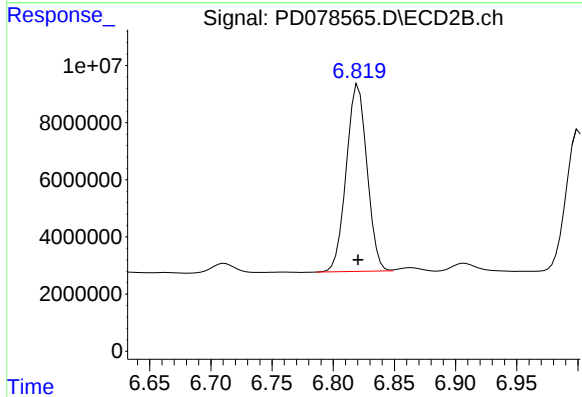
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 123801229
Conc: 34.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR251354

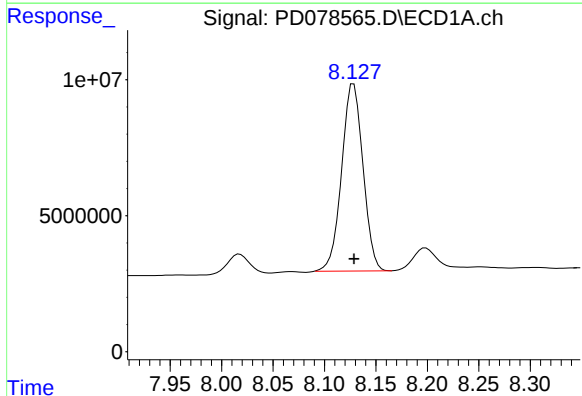
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APPROVED

Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



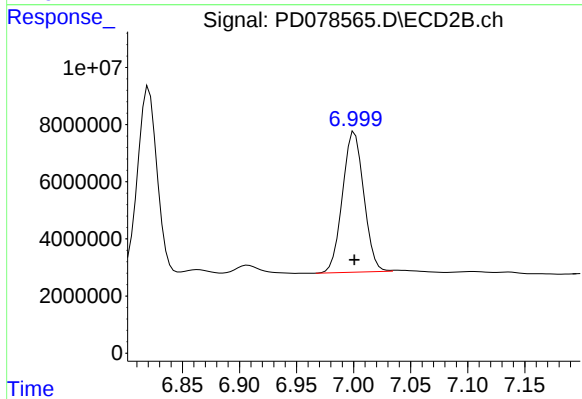
#21 Endrin ketone

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 77085991
Conc: 29.37 ng/ml



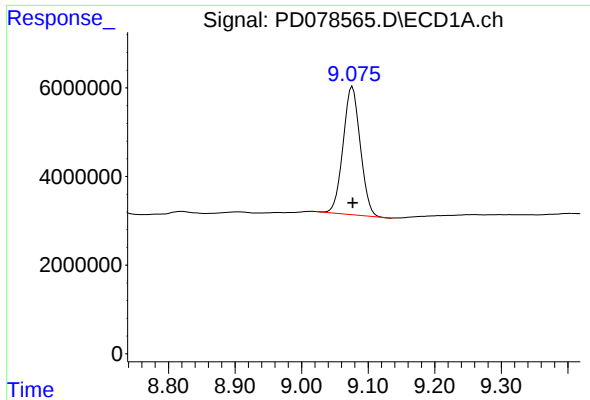
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 99445471
Conc: 37.23 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 63775110
Conc: 31.30 ng/ml



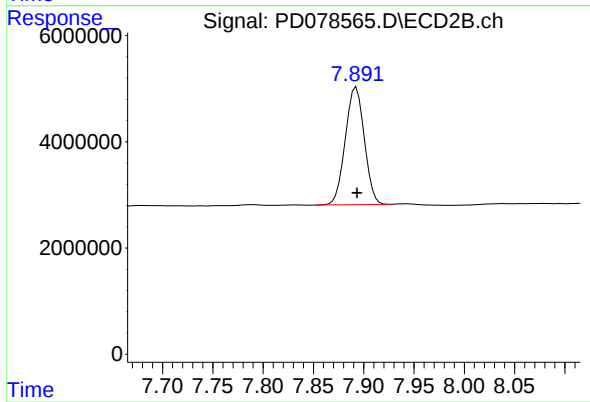
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 51885185
Conc: 13.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
RBR251354

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 29068912
Conc: 12.81 ng/ml