

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031122\
 Data File : PD068484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2022 13:03
 Operator : AR\AJ
 Sample : PB143266BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143266BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/14/2022
 Supervised By : Ankita Jodhani 03/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 23:10:55 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...	3.453	4.175	22378832	188.2E6	19.090	19.610
28)	SA Decachlor...	8.216	9.373	25507914	120.1E6	21.919	20.263
Target Compounds							
2)	A alpha-BHC	3.893	4.571	87765641	652.6E6	51.148	47.560
3)	MA gamma-BHC...	4.177	4.861	80895147	591.8E6	50.799	47.724
4)	MA Heptachlor	4.476	5.390	78292928	563.2E6	51.862	49.721
5)	MB Aldrin	4.724	5.703	81700484	575.6E6	52.165	48.681
6)	B beta-BHC	4.428	5.024	33042419	247.6E6	47.092	45.810
7)	B delta-BHC	4.632	5.250	80751604	582.5E6	50.048	46.833
8)	B Heptachlo...	5.168	6.090	73759761	531.5E6	50.594	49.587
9)	A Endosulfan I	5.507	6.453	68328535	459.7E6	50.103	47.645
10)	B gamma-Chl...	5.395	6.327	75270320	513.0E6	50.562	48.515
11)	B alpha-Chl...	5.454	6.403	73986779	494.1E6	50.351	47.935
12)	B 4,4'-DDE	5.620	6.552	70691028	460.4E6	51.826	47.090
13)	MA Dieldrin	5.752	6.712	75369062	492.1E6	51.255	47.750
14)	MA Endrin	6.010	6.932	66939763	370.0E6	54.188	48.112
15)	B Endosulfa...	6.284	7.137	66021407	398.7E6	51.891	48.526
16)	A 4,4'-DDD	6.137	7.043	59312050	369.8E6	50.013	46.991
17)	MA 4,4'-DDT	6.378	7.345	59925646	353.8E6	54.341	50.004
18)	B Endrin al...	6.454	7.261	52582458	321.8E6	57.372	53.481
19)	B Endosulfa...	6.666	7.485	64055946	368.6E6	50.830	47.371
20)	A Methoxychlor	6.929	7.799	33834097	174.3E6	52.141	50.173
21)	B Endrin ke...	7.157	7.961	72498648	388.3E6	49.243m	46.250
22)	Mirex	7.344	8.427	63159241	299.8E6	49.829	46.880

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031122\
 Data File : PD068484.D
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ClientSampleId :

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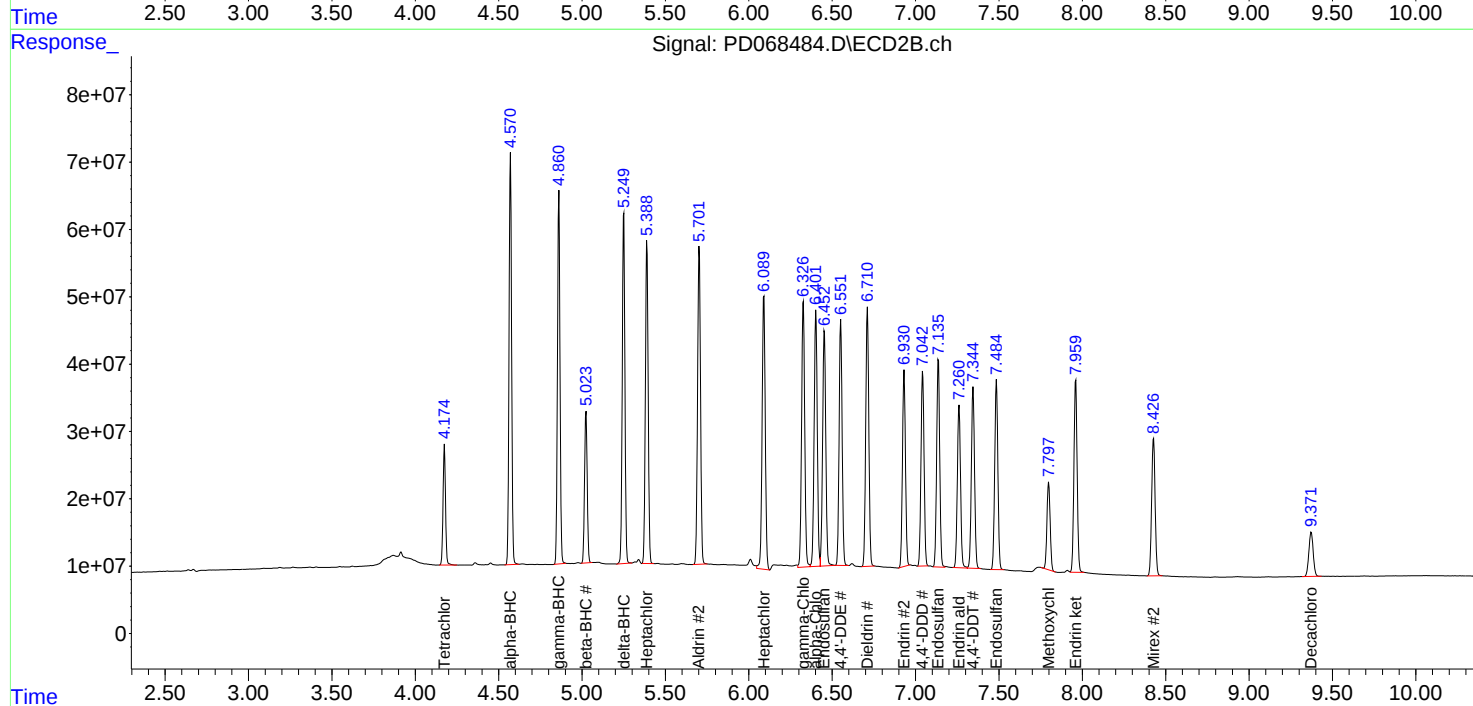
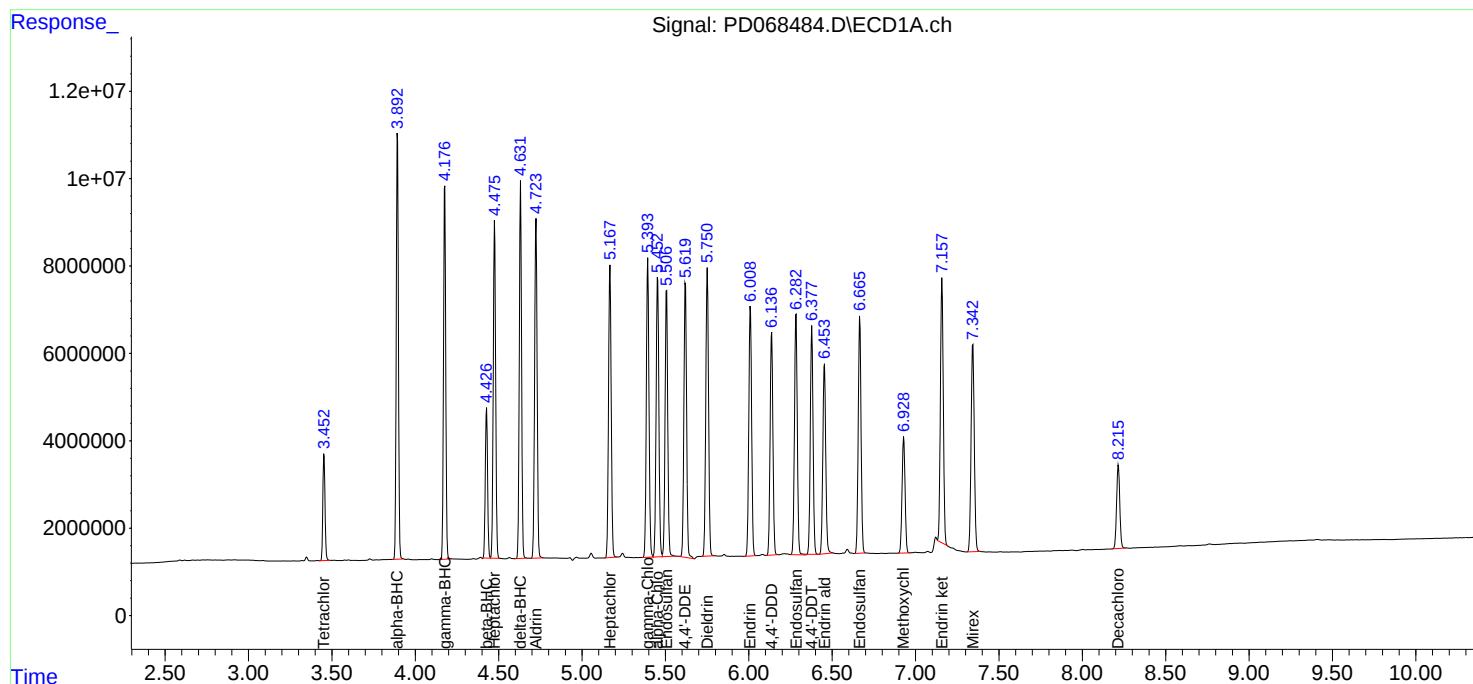
Manual Integrations

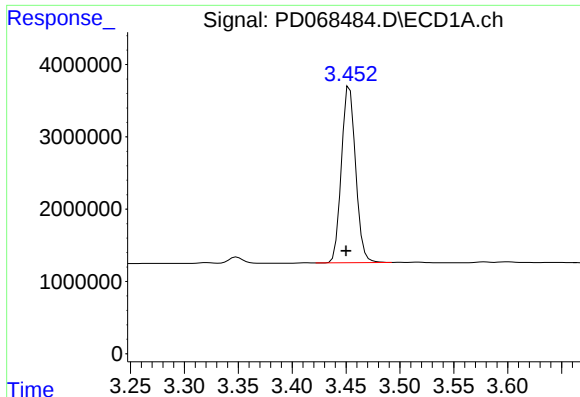
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 23:10:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 2022
 Response 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





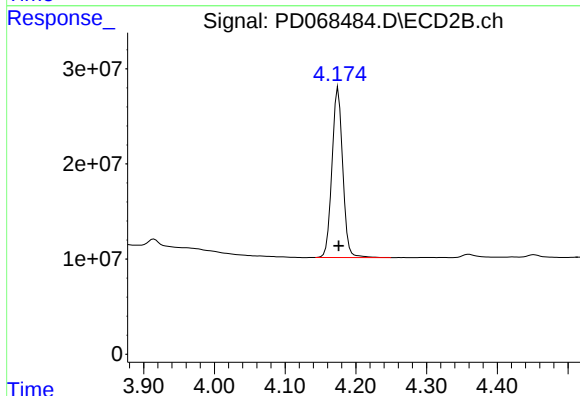
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.003 min
Response: 22378832
Conc: 19.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143266BS

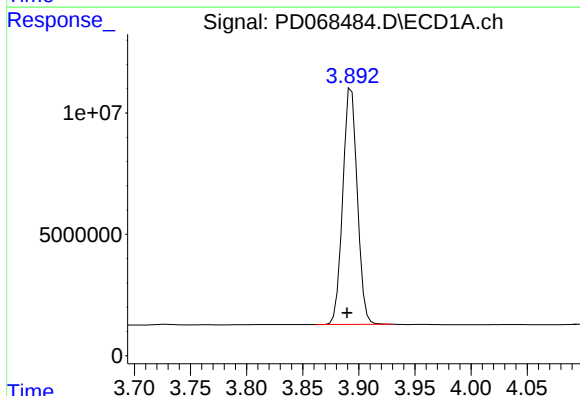
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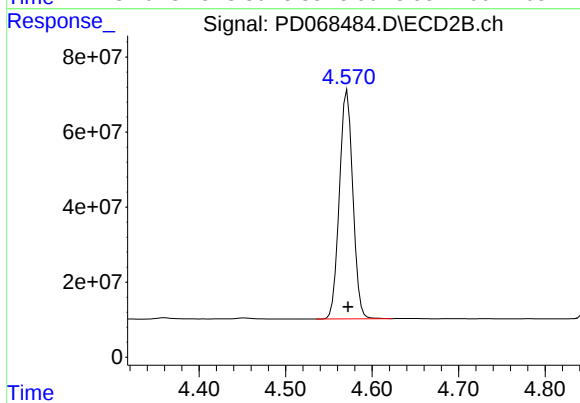
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 188216419
Conc: 19.61 ng/ml



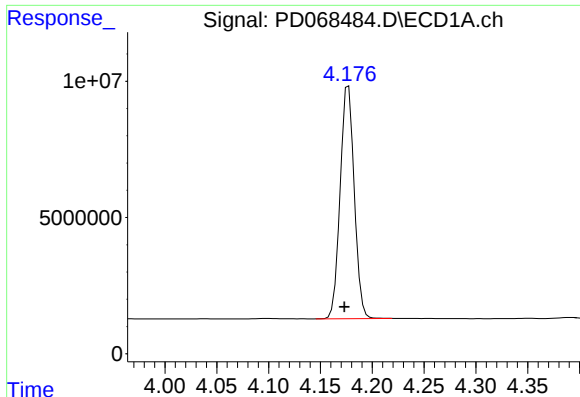
#2 alpha-BHC

R.T.: 3.893 min
Delta R.T.: 0.004 min
Response: 87765641
Conc: 51.15 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 652596678
Conc: 47.56 ng/ml



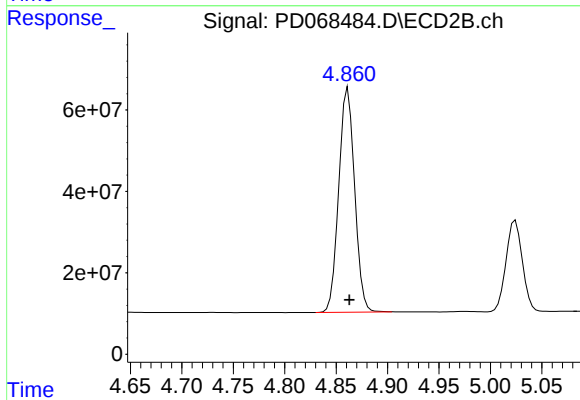
#3 gamma-BHC (Lindane)

R.T.: 4.177 min
Delta R.T.: 0.004 min
Response: 80895147
Conc: 50.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143266BS

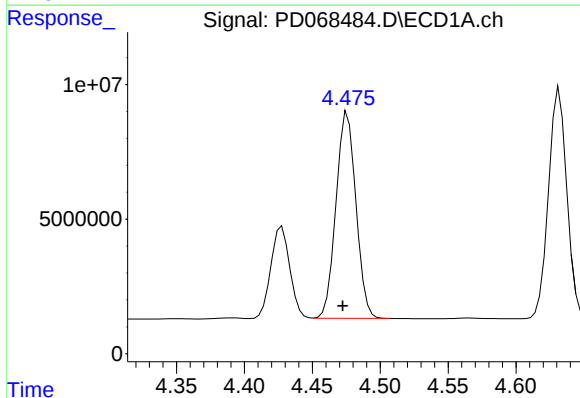
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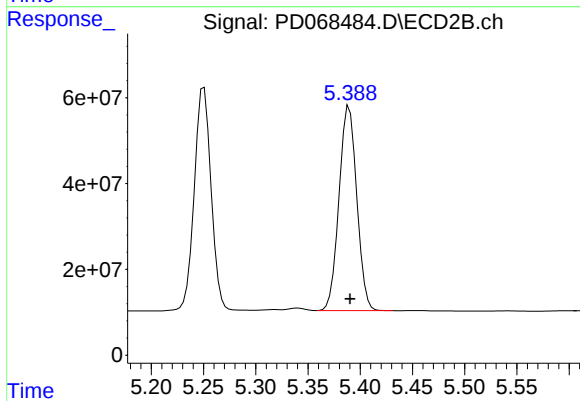
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 591760504
Conc: 47.72 ng/ml



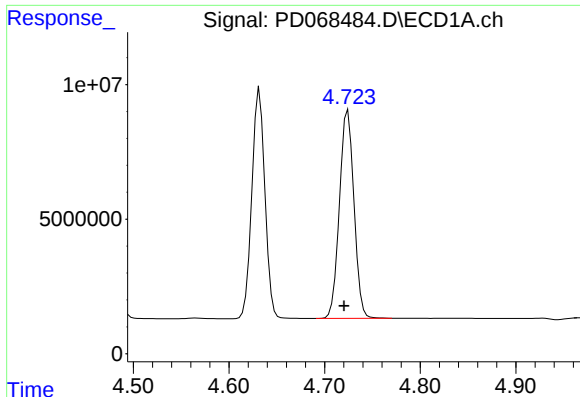
#4 Heptachlor

R.T.: 4.476 min
Delta R.T.: 0.004 min
Response: 78292928
Conc: 51.86 ng/ml



#4 Heptachlor

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 563178328
Conc: 49.72 ng/ml



#5 Aldrin

R.T.: 4.724 min
Delta R.T.: 0.004 min
Response: 81700484
Conc: 52.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

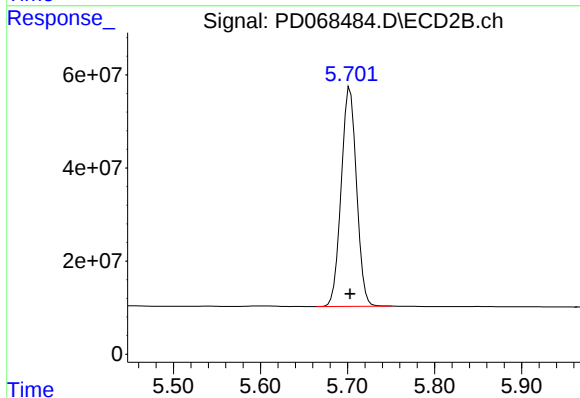
PB143266BS

Manual Integrations

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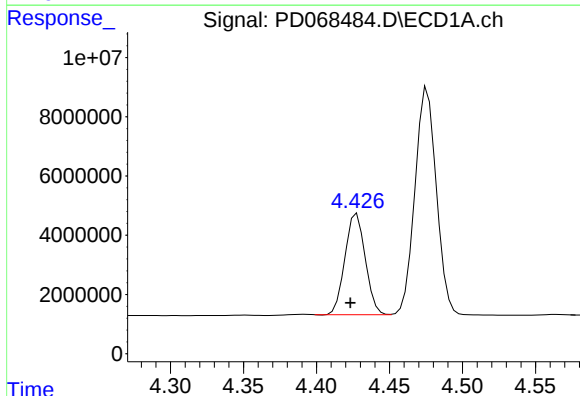
Reviewed By :Abdul Mirza 03/14/2022

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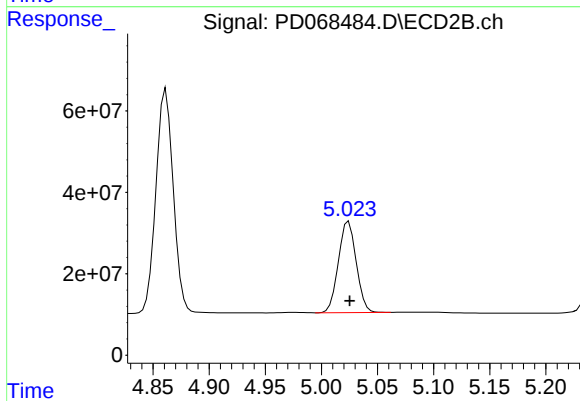
#5 Aldrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 575584105
Conc: 48.68 ng/ml



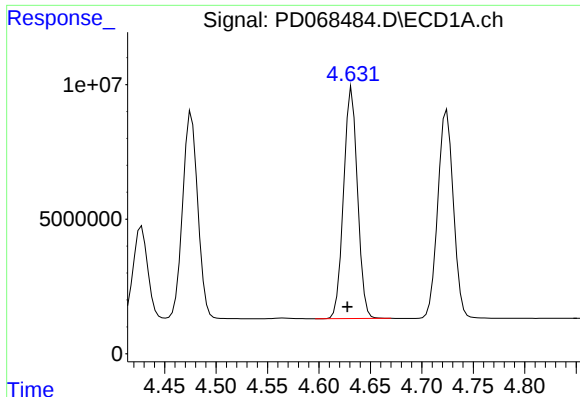
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.005 min
Response: 33042419
Conc: 47.09 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 247623956
Conc: 45.81 ng/ml



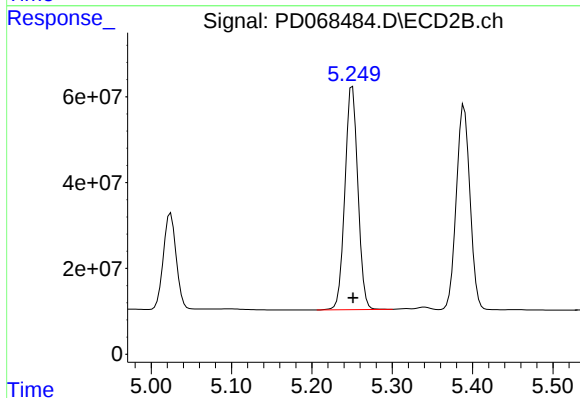
#7 delta-BHC

R.T.: 4.632 min
Delta R.T.: 0.004 min
Response: 80751604
Conc: 50.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143266BS

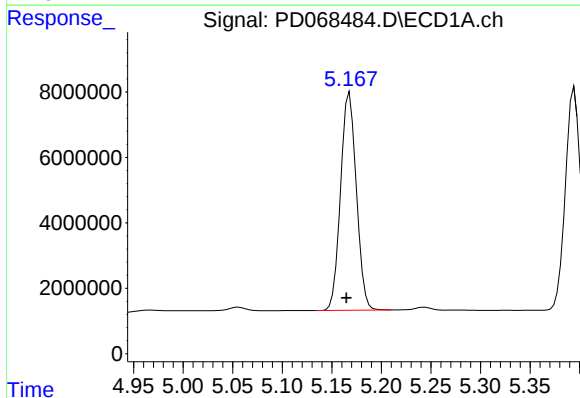
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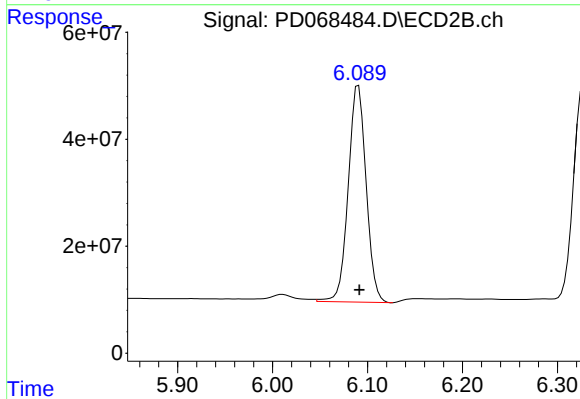
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 582519431
Conc: 46.83 ng/ml



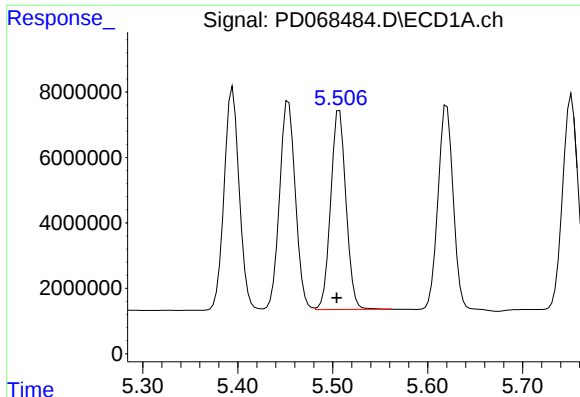
#8 Heptachlor epoxide

R.T.: 5.168 min
Delta R.T.: 0.003 min
Response: 73759761
Conc: 50.59 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: -0.001 min
Response: 531458541
Conc: 49.59 ng/ml



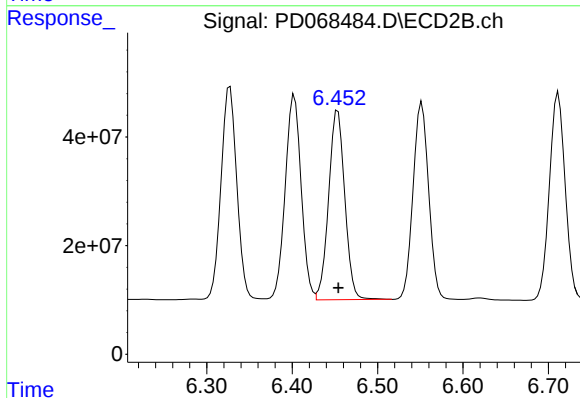
#9 Endosulfan I

R.T.: 5.507 min
Delta R.T.: 0.003 min
Response: 68328535
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143266BS

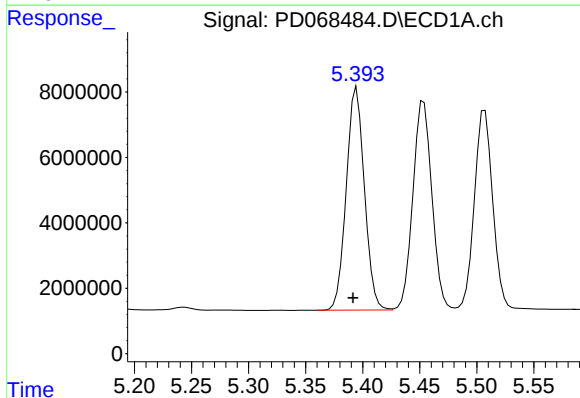
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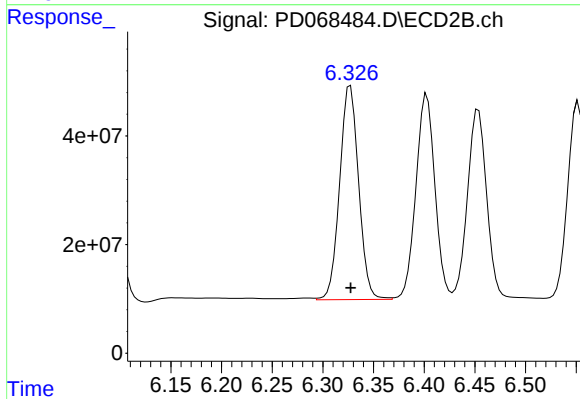
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 459732635
Conc: 47.64 ng/ml



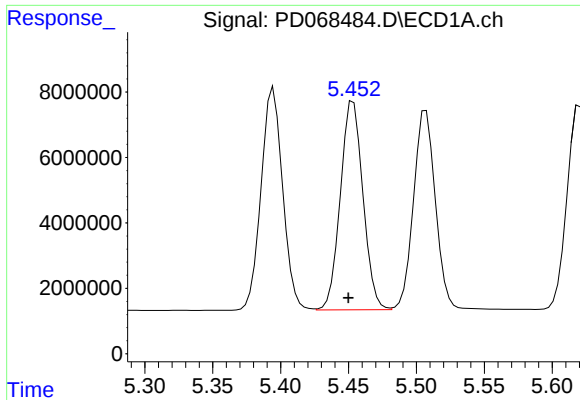
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: 0.003 min
Response: 75270320
Conc: 50.56 ng/ml



#10 gamma-Chlordane

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 512991288
Conc: 48.51 ng/ml



#11 alpha-Chlordane

R.T.: 5.454 min
Delta R.T.: 0.004 min
Response: 73986779
Conc: 50.35 ng/ml

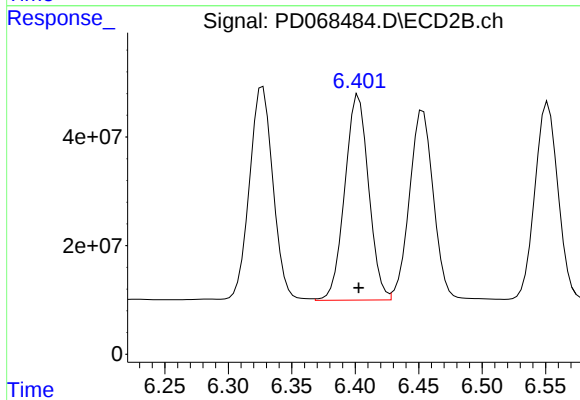
Instrument :

ECD_D

ClientSampleId :
PB143266BS

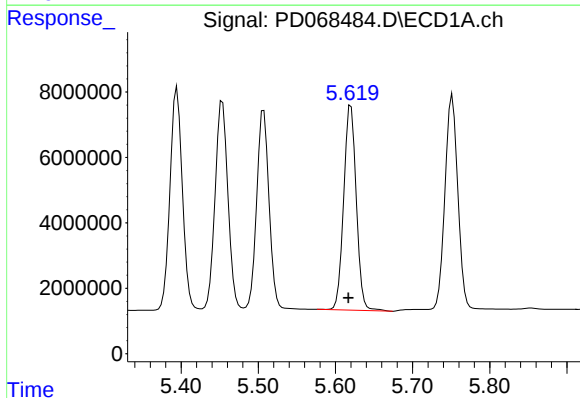
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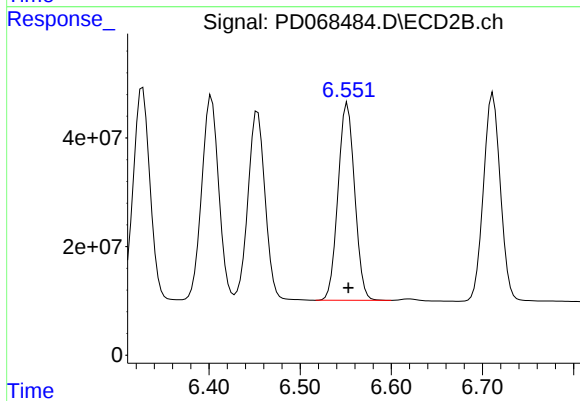
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 494088108
Conc: 47.94 ng/ml



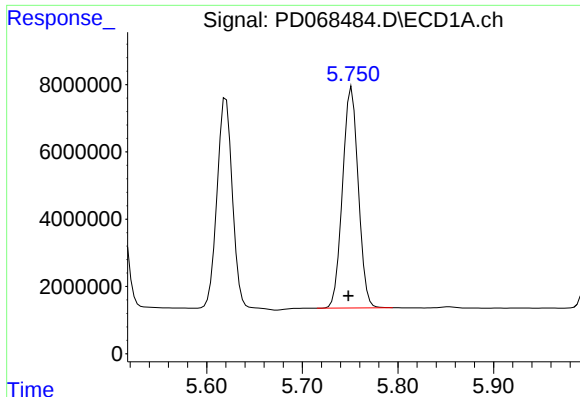
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 70691028
Conc: 51.83 ng/ml



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 460367334
Conc: 47.09 ng/ml



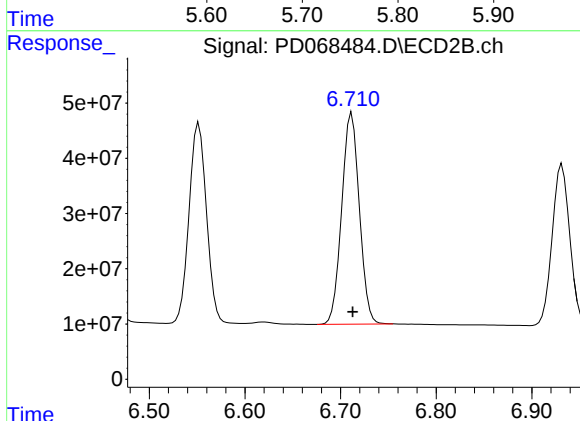
#13 Dieldrin

R.T.: 5.752 min
Delta R.T.: 0.003 min
Response: 75369062
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
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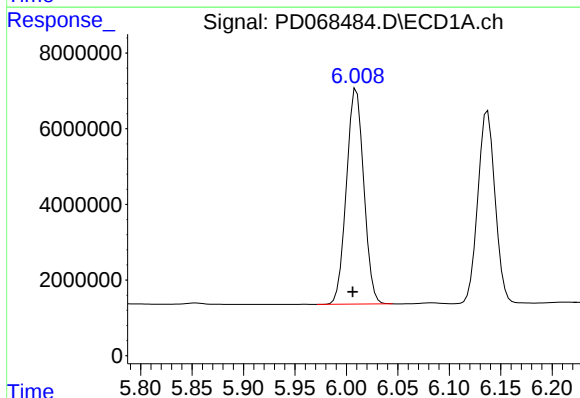
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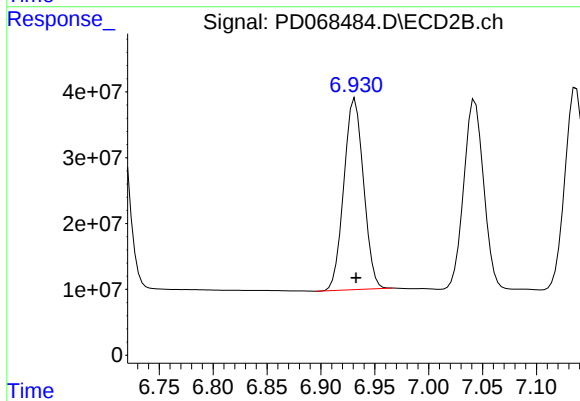
#13 Dieldrin

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 492079335
Conc: 47.75 ng/ml



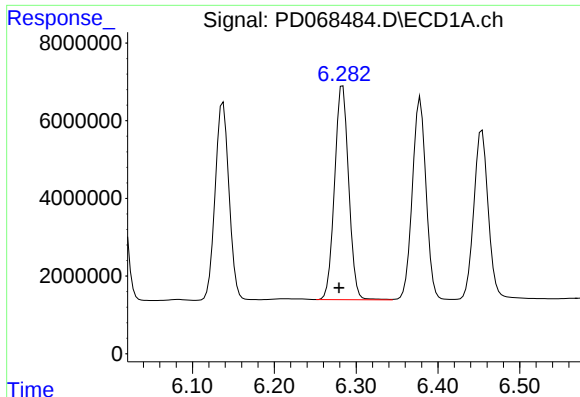
#14 Endrin

R.T.: 6.010 min
Delta R.T.: 0.004 min
Response: 66939763
Conc: 54.19 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 370003934
Conc: 48.11 ng/ml



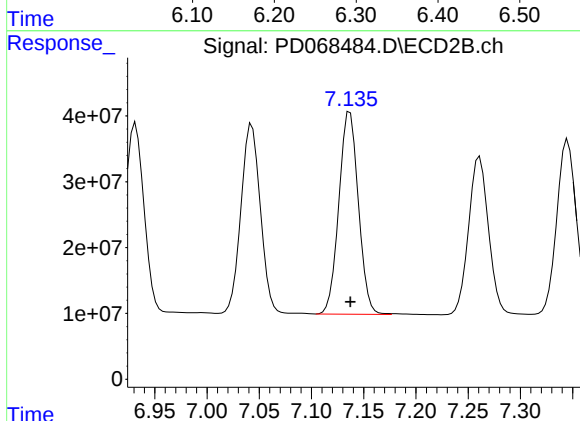
#15 Endosulfan II

R.T.: 6.284 min
Delta R.T.: 0.005 min
Response: 66021407
Conc: 51.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
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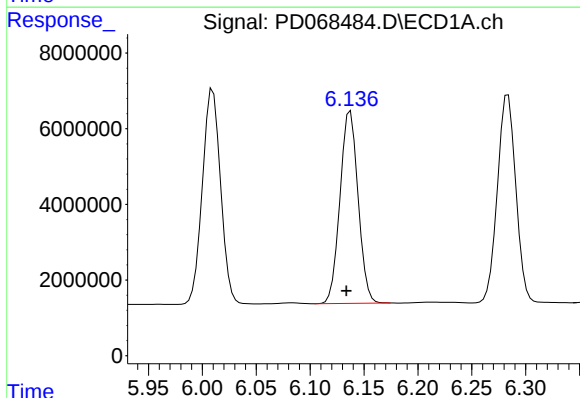
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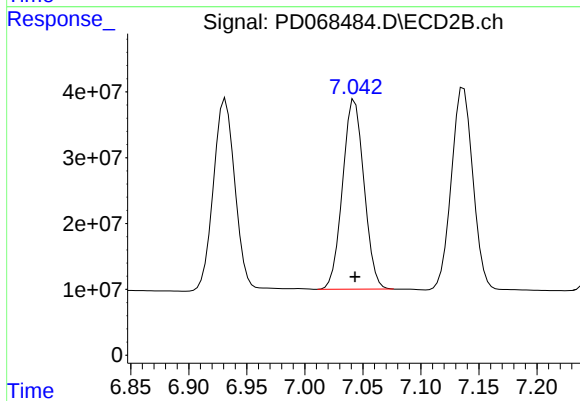
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 398742735
Conc: 48.53 ng/ml



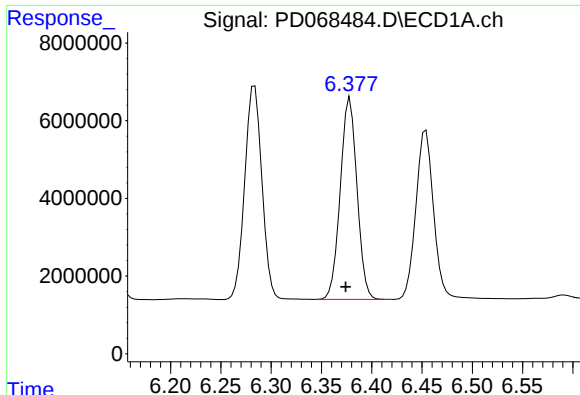
#16 4,4'-DDD

R.T.: 6.137 min
Delta R.T.: 0.004 min
Response: 59312050
Conc: 50.01 ng/ml



#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 369822562
Conc: 46.99 ng/ml



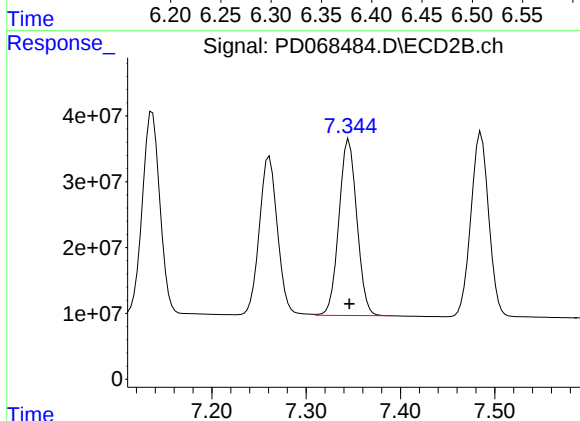
#17 4,4'-DDT

R.T.: 6.378 min
Delta R.T.: 0.004 min
Response: 59925646
Conc: 54.34 ng/ml

Instrument :
ECD_D
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PB143266BS

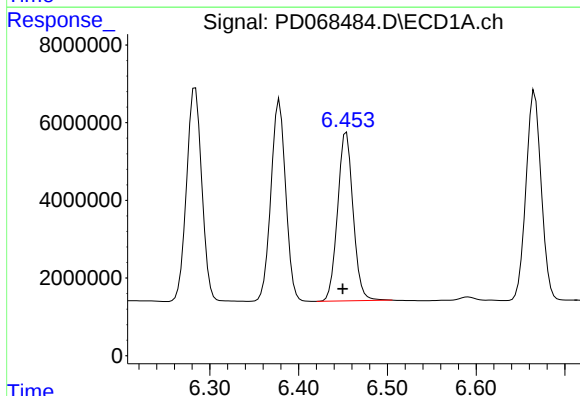
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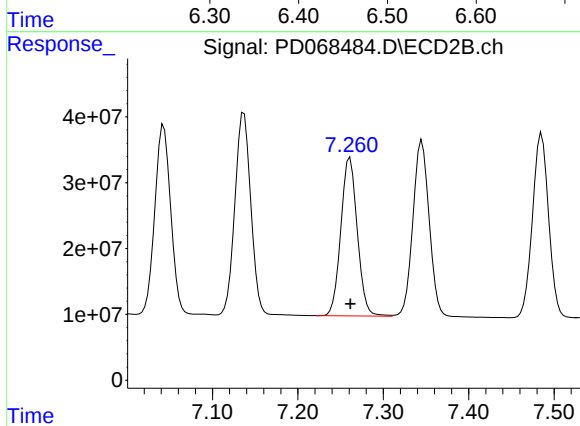
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 353799538
Conc: 50.00 ng/ml



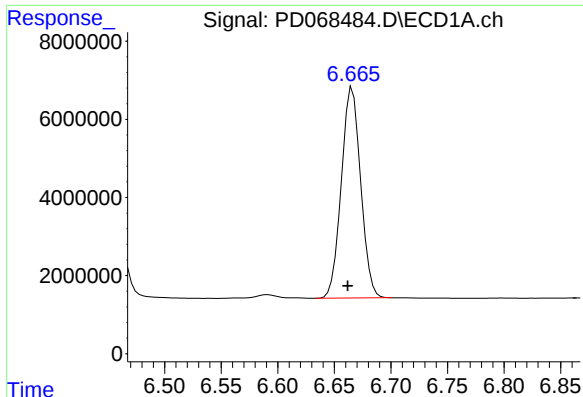
#18 Endrin aldehyde

R.T.: 6.454 min
Delta R.T.: 0.004 min
Response: 52582458
Conc: 57.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 321821437
Conc: 53.48 ng/ml



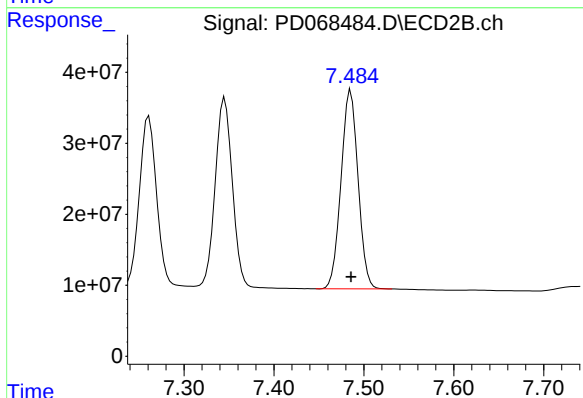
#19 Endosulfan Sulfate

R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 64055946
Conc: 50.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143266BS

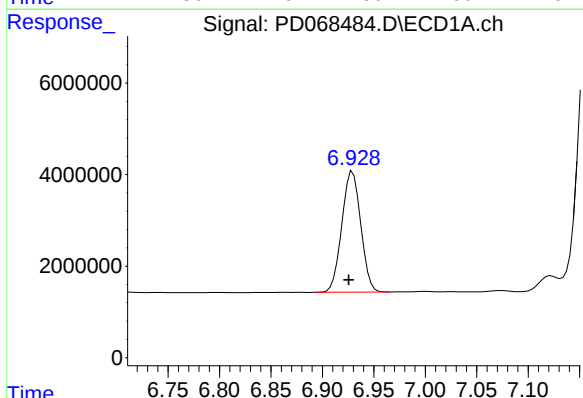
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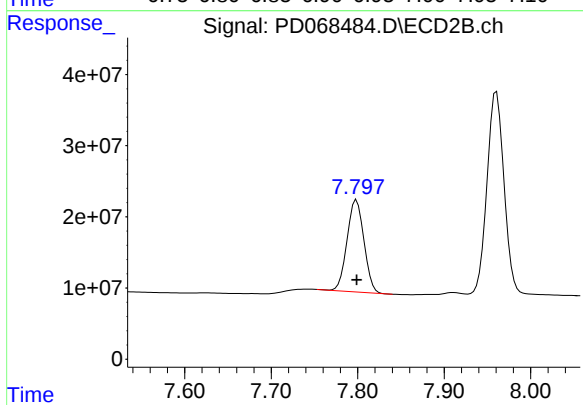
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 368558979
Conc: 47.37 ng/ml



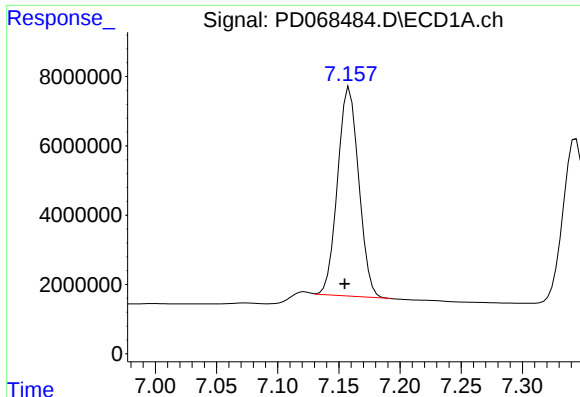
#20 Methoxychlor

R.T.: 6.929 min
Delta R.T.: 0.004 min
Response: 33834097
Conc: 52.14 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 174323397
Conc: 50.17 ng/ml



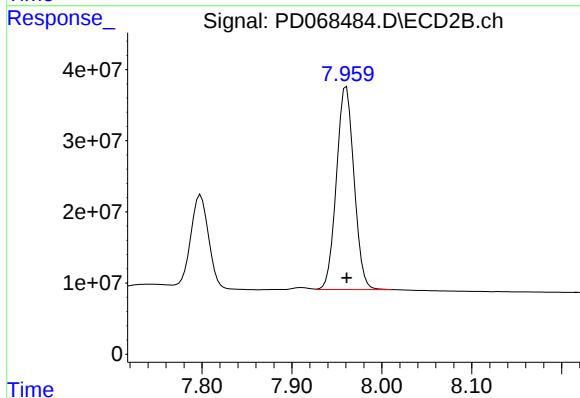
#21 Endrin ketone

R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 72498648
Conc: 49.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143266BS

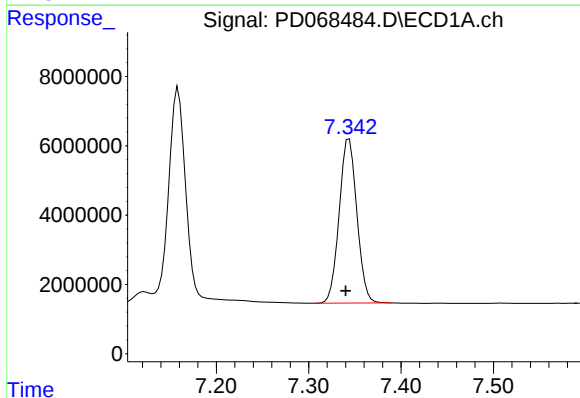
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



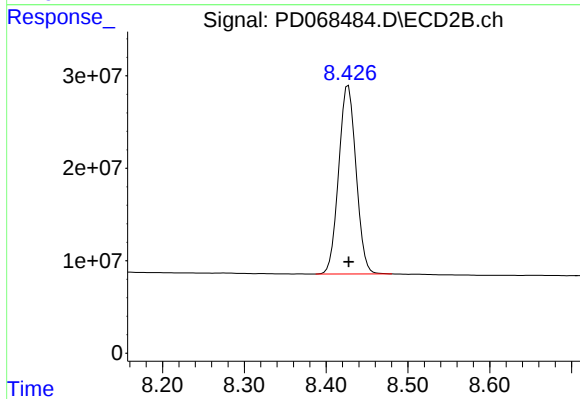
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 388261975
Conc: 46.25 ng/ml



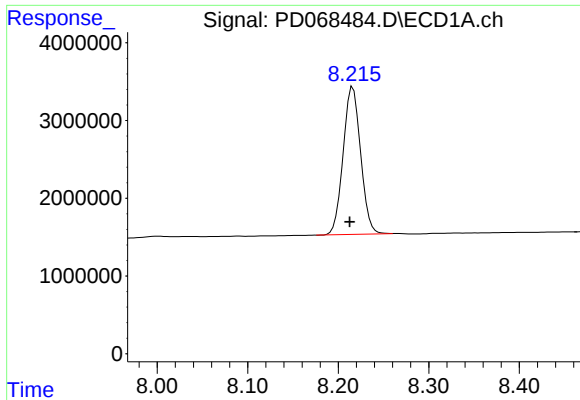
#22 Mirex

R.T.: 7.344 min
Delta R.T.: 0.004 min
Response: 63159241
Conc: 49.83 ng/ml



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 299835135
Conc: 46.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.216 min
Delta R.T.: 0.003 min
Response: 25507914
Conc: 21.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

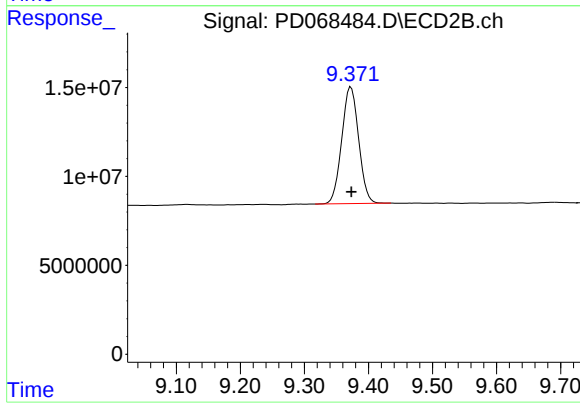
PB143266BS

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#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 120134229
Conc: 20.26 ng/ml