

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 14:36
 Operator : AR\AJ
 Sample : PB154008BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154008BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/07/2023
 Supervised By : Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:32:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.549	2.766	70708297	34330274	21.581	21.611
28) SA Decachlor...	9.090	7.910	84047145	33152833	23.638	26.343
Target Compounds						
2) A alpha-BHC	4.006	3.268	248.7E6	100.8E6	42.941	41.843
3) MA gamma-BHC...	4.339	3.597	236.8E6	97060803	45.231	43.597
4) MA Heptachlor	4.929	3.937	234.9E6	93766658	42.714	41.280
5) MB Aldrin	5.273	4.217	239.1E6	94086571	44.722	42.452
6) B beta-BHC	4.535	3.894	92926527	38866006	44.334	43.704
7) B delta-BHC	4.784	4.124	234.1E6	94012648	45.547	44.712
8) B Heptachlo...	5.700	4.720	212.8E6	85670506	44.162	42.851
9) A Endosulfan I	6.087	5.090	197.9E6	79527558	44.357	42.468
10) B gamma-Chl...	5.956	4.970	215.8E6	84962551	44.375	42.669
11) B alpha-Chl...	6.036	5.034	213.1E6	84689679	44.351	42.618
12) B 4,4'-DDE	6.208	5.223	196.3E6	73819805	46.255	48.027
13) MA Dieldrin	6.362	5.355	214.1E6	86481096	45.762	43.906
14) MA Endrin	6.593	5.631	172.0E6	74539466	43.211	42.230
15) B Endosulfa...	6.812	5.925	175.0E6	71979278	47.119	46.387
16) A 4,4'-DDD	6.726	5.778	161.8E6	62079757	48.155	51.365
17) MA 4,4'-DDT	7.041	6.030	159.0E6	60629571	45.217	50.095
18) B Endrin al...	6.941	6.105	139.6E6	58843795	50.924m	51.490
19) B Endosulfa...	7.177	6.327	166.3E6	70344502	45.014	46.297
20) A Methoxychlor	7.517	6.606	85569106	32697889	44.771	51.202
21) B Endrin ke...	7.664	6.834	197.4E6	84386663	47.285	48.280
22) Mirex	8.138	7.017	136.8E6	63135865	43.303	42.594

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

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Data File : PD076369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 14:36
Operator : AR\AJ
Sample : PB154008BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

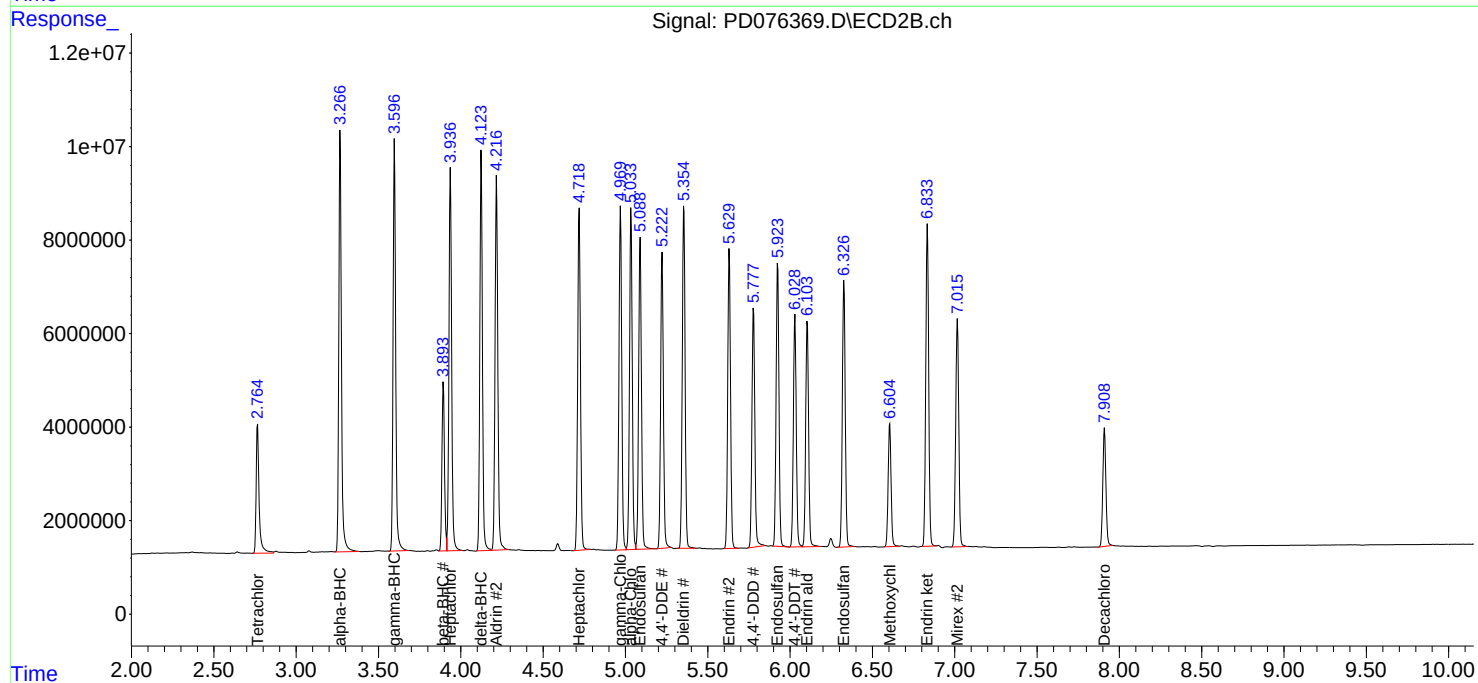
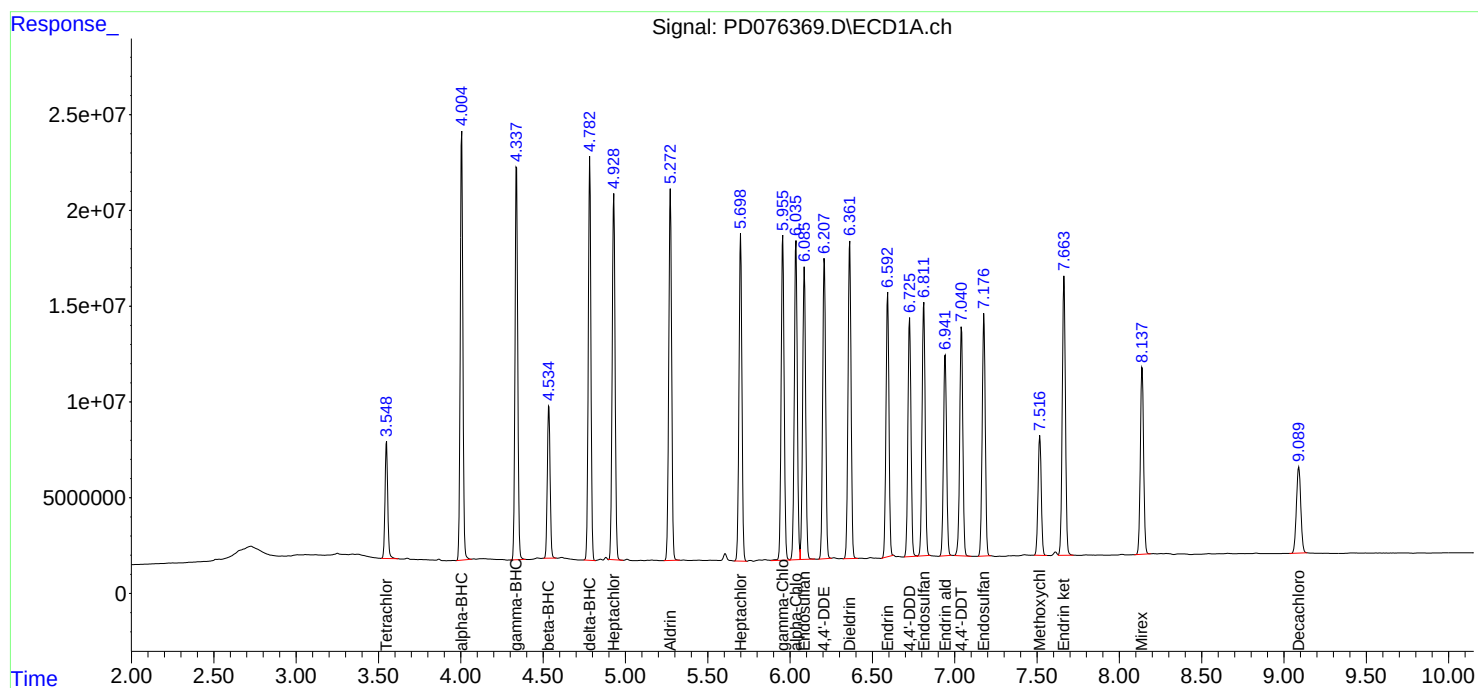
Instrument :
ECD_D
ClientSampleId :
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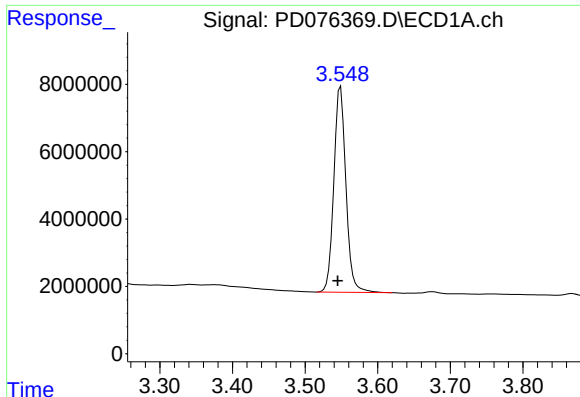
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/07/2023
Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:32:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
Response via : Initial Calibration
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Volume Inj. : 2 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.: 3.549 min
Delta R.T.: 0.004 min
Response: 70708297
Conc: 21.58 ng/ml

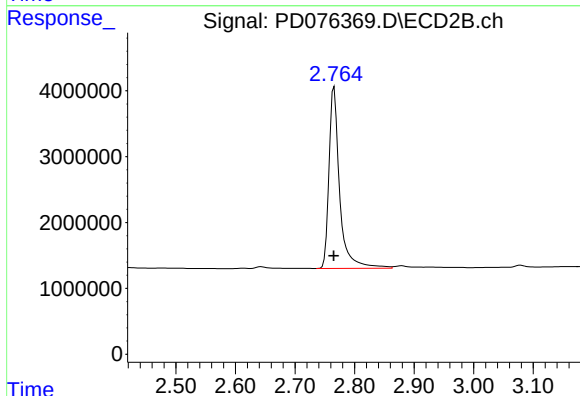
Instrument :

ECD_D

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PB154008BS

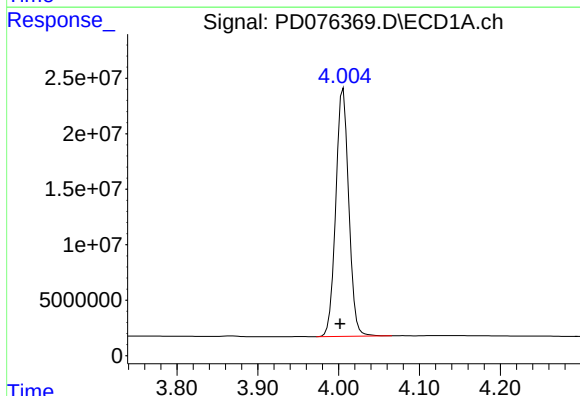
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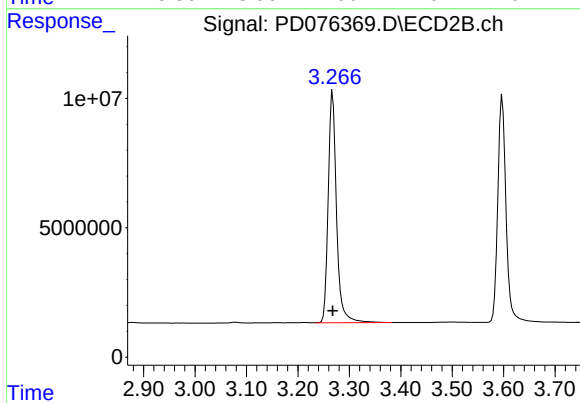
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 34330274
Conc: 21.61 ng/ml



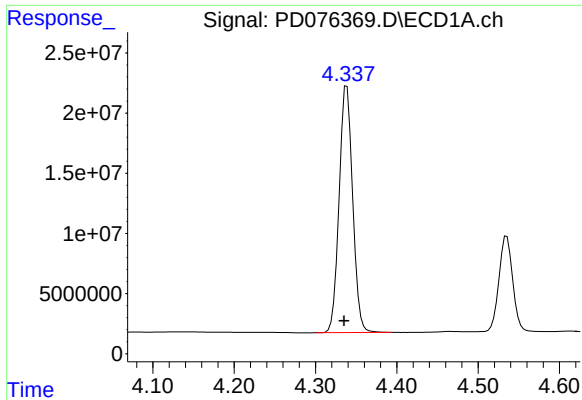
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.004 min
Response: 248715714
Conc: 42.94 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 100817607
Conc: 41.84 ng/ml



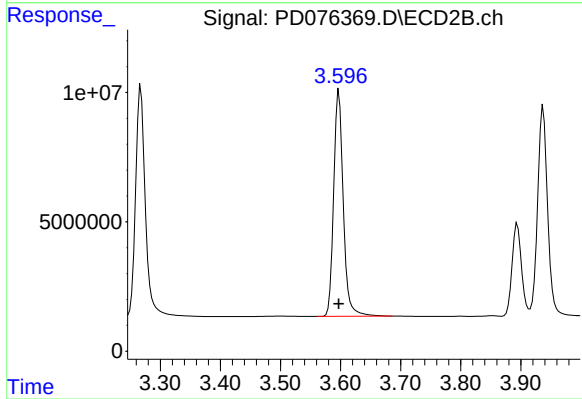
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.004 min
Response: 236805407
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

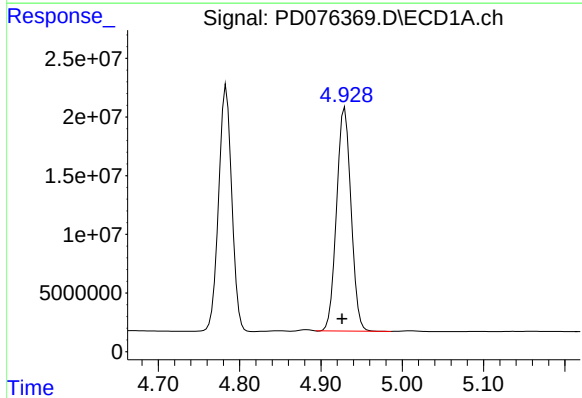
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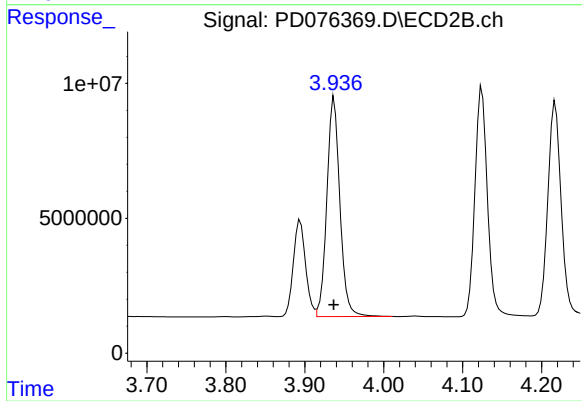
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 97060803
Conc: 43.60 ng/ml



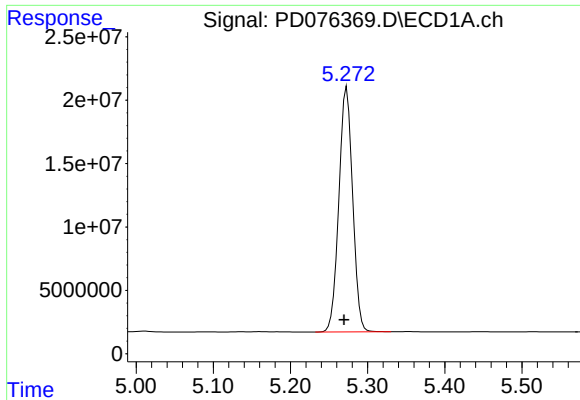
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.003 min
Response: 234932435
Conc: 42.71 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 93766658
Conc: 41.28 ng/ml



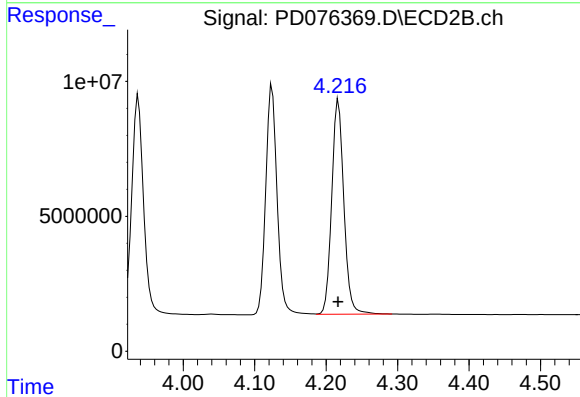
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.004 min
Response: 239099191
Conc: 44.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

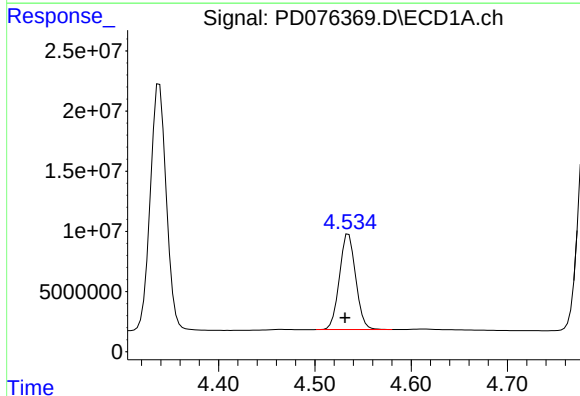
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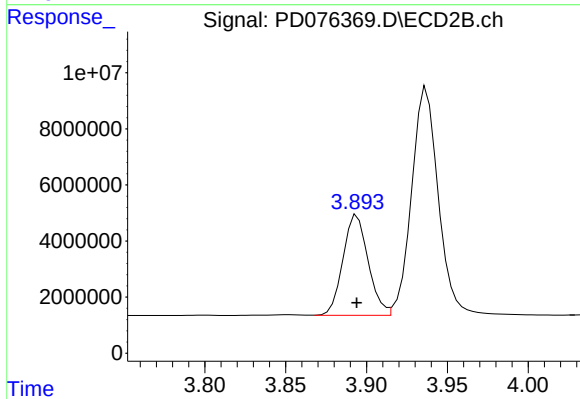
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 94086571
Conc: 42.45 ng/ml



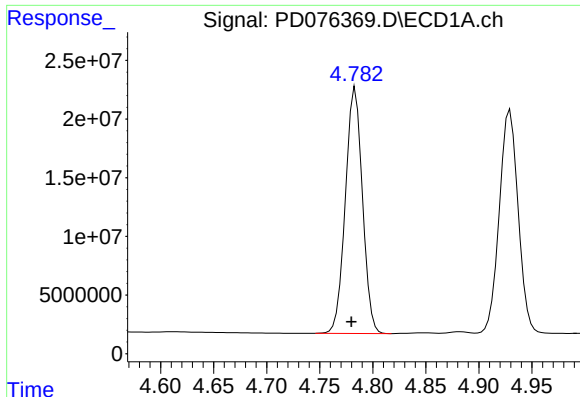
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.004 min
Response: 92926527
Conc: 44.33 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 38866006
Conc: 43.70 ng/ml



#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.004 min
Response: 234099529
Conc: 45.55 ng/ml

Instrument :

ECD_D

ClientSampleId :

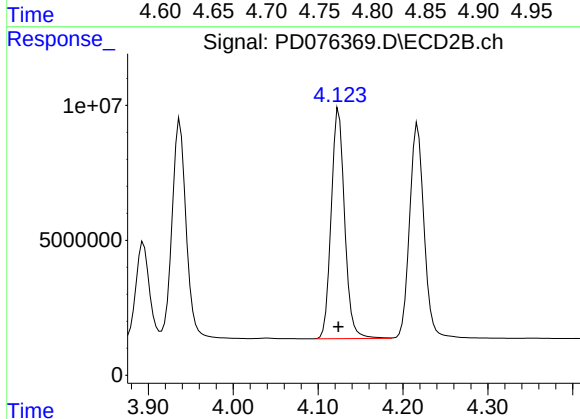
PB154008BS

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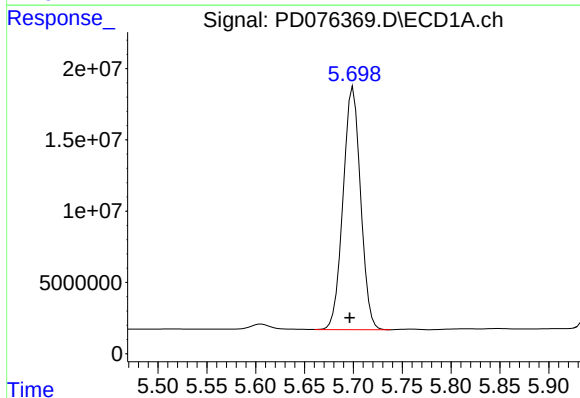
Reviewed By :Abdul Mirza 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023



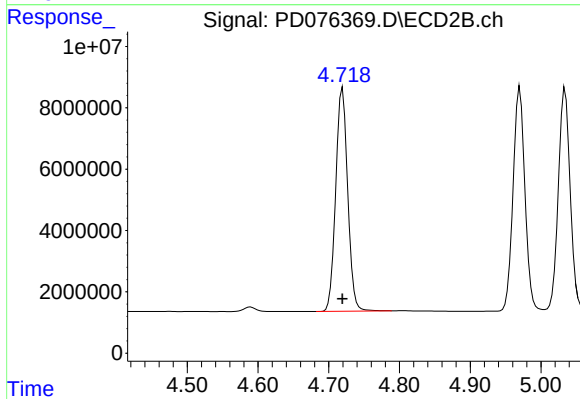
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 94012648
Conc: 44.71 ng/ml



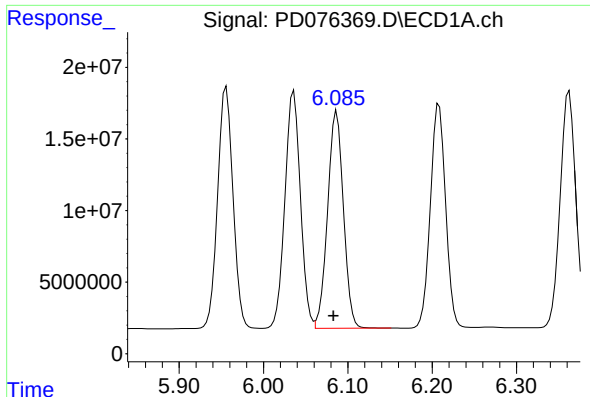
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.004 min
Response: 212787148
Conc: 44.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 85670506
Conc: 42.85 ng/ml



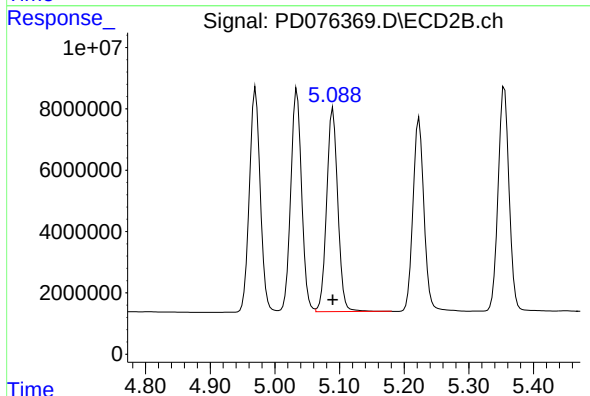
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 197876760
Conc: 44.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

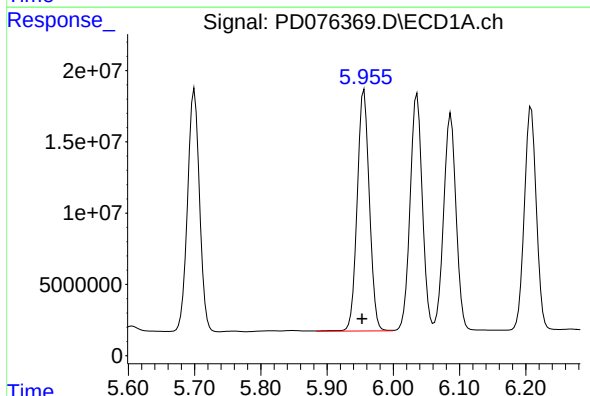
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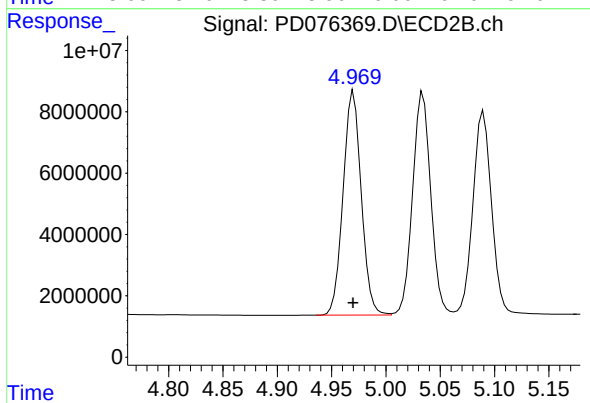
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 79527558
Conc: 42.47 ng/ml



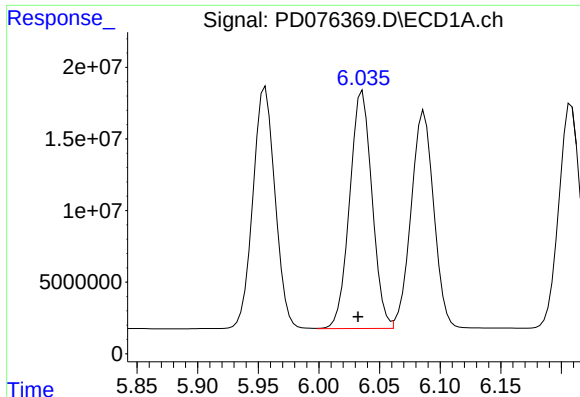
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 215799496
Conc: 44.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 84962551
Conc: 42.67 ng/ml



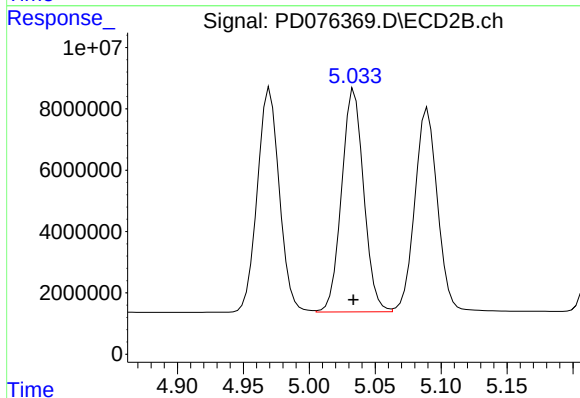
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.004 min
Response: 213074783
Conc: 44.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

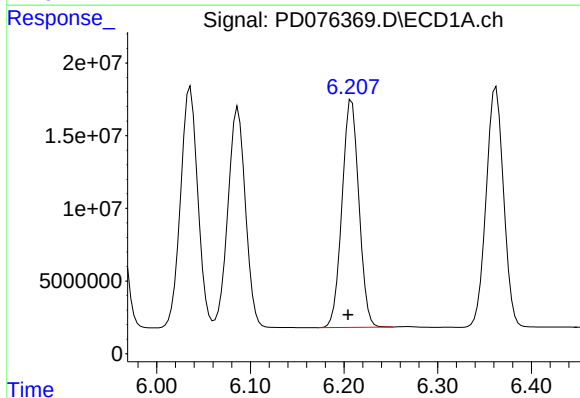
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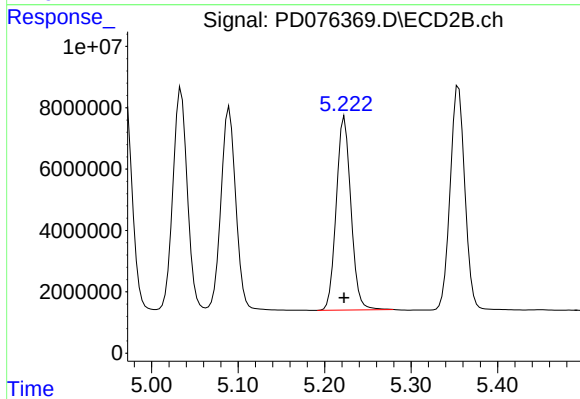
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 84689679
Conc: 42.62 ng/ml



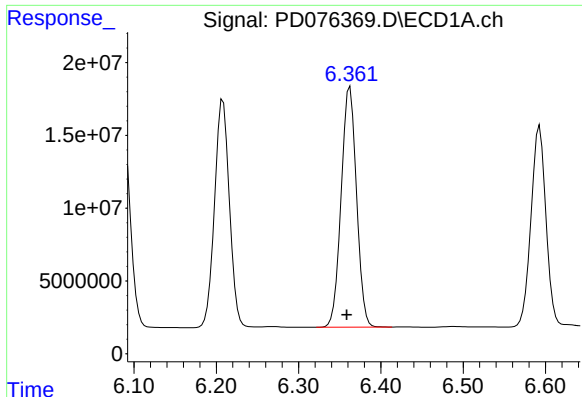
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.004 min
Response: 196344092
Conc: 46.26 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 73819805
Conc: 48.03 ng/ml



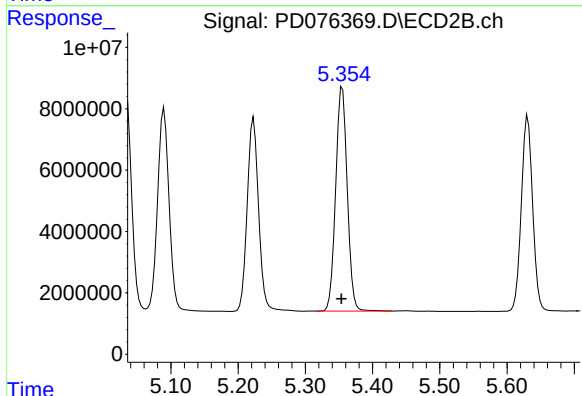
#13 Dieldrin

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 214079900
Conc: 45.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

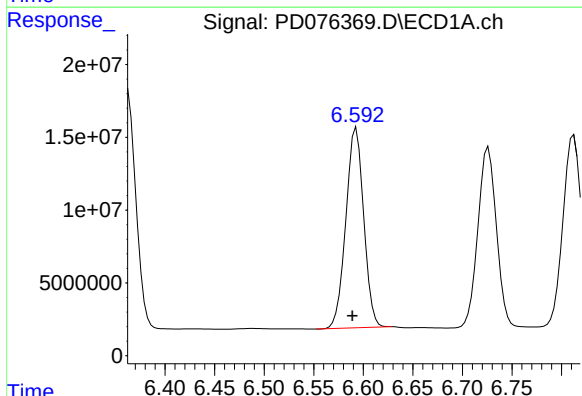
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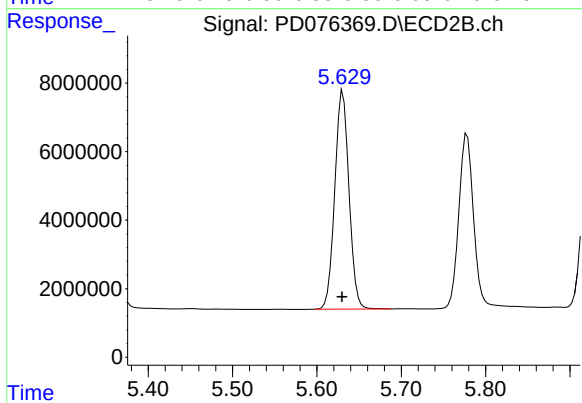
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 86481096
Conc: 43.91 ng/ml



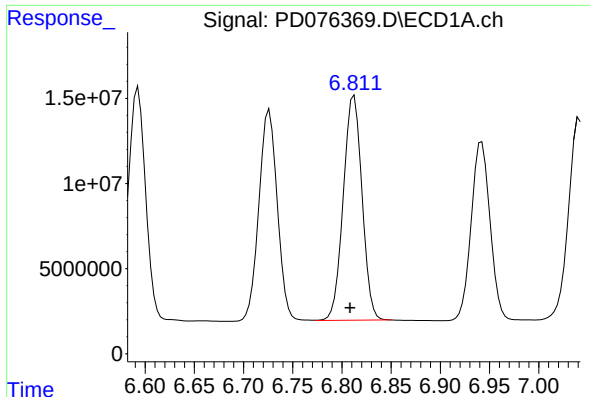
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.004 min
Response: 172036522
Conc: 43.21 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 74539466
Conc: 42.23 ng/ml



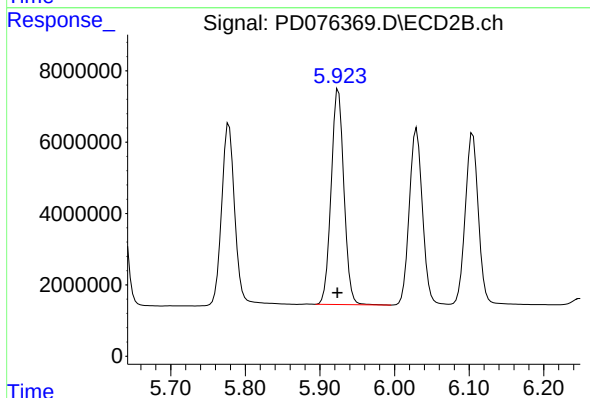
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.004 min
Response: 174980079
Conc: 47.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

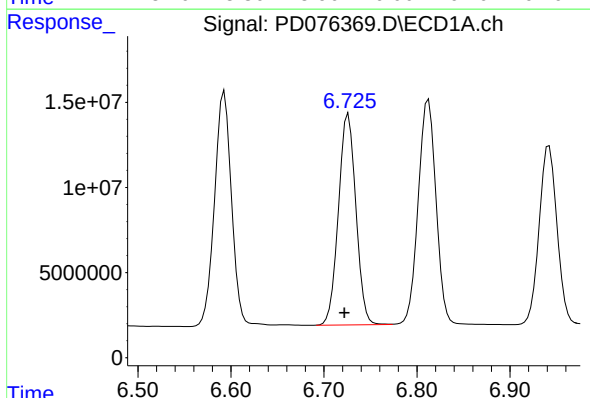
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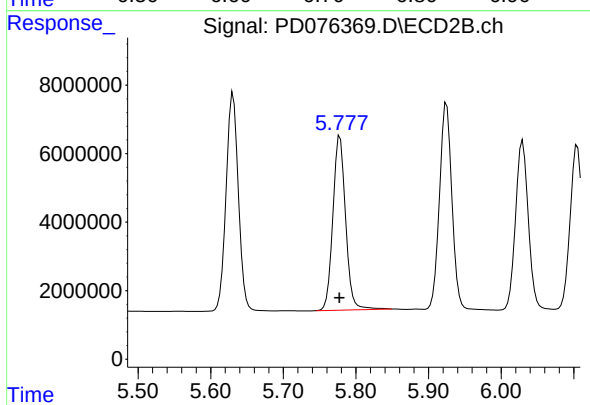
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 71979278
Conc: 46.39 ng/ml



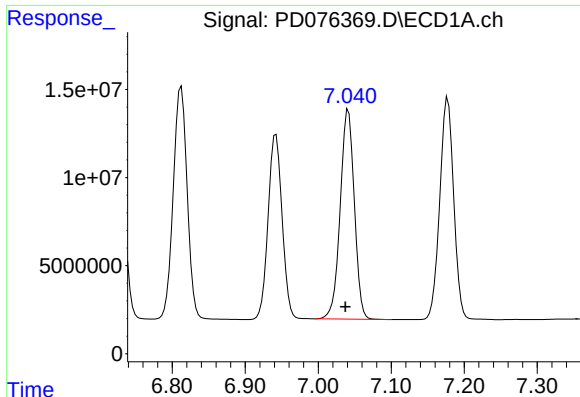
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.004 min
Response: 161782538
Conc: 48.15 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 62079757
Conc: 51.37 ng/ml



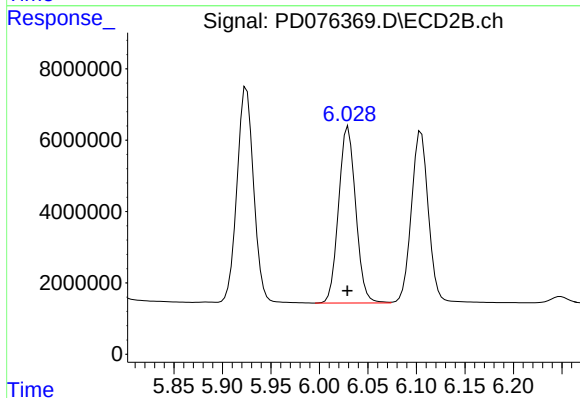
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.004 min
Response: 158983171
Conc: 45.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

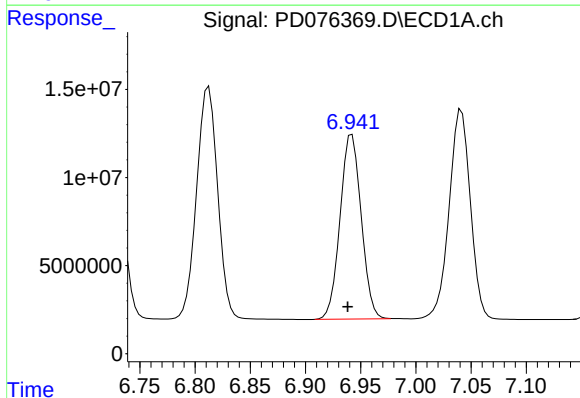
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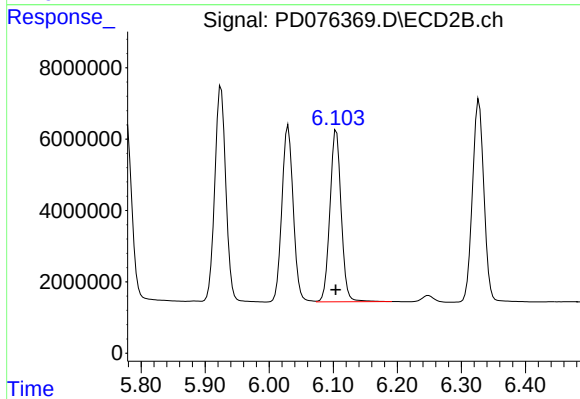
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 60629571
Conc: 50.10 ng/ml



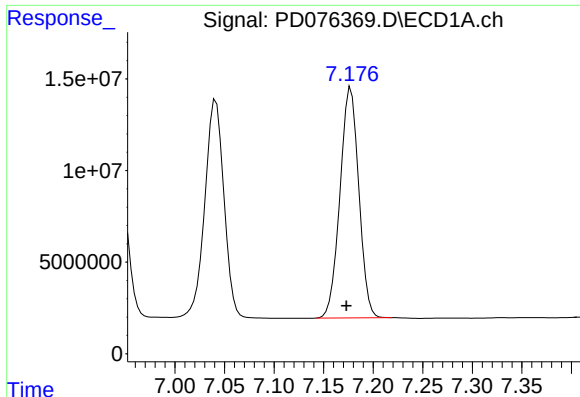
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.002 min
Response: 139577931
Conc: 50.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 58843795
Conc: 51.49 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.004 min
Response: 166318615
Conc: 45.01 ng/ml

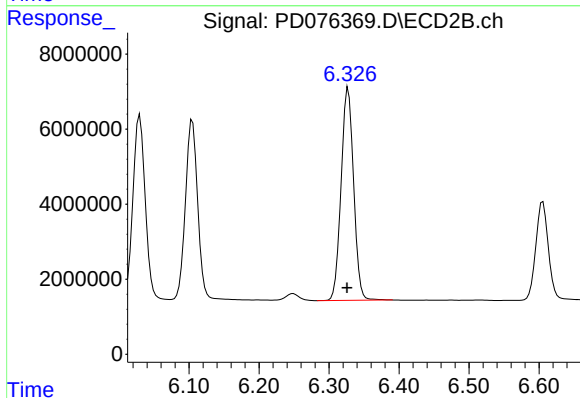
Instrument :

ECD_D

ClientSampleId :
PB154008BS

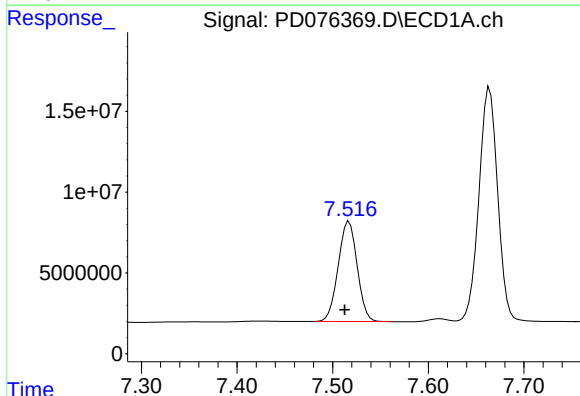
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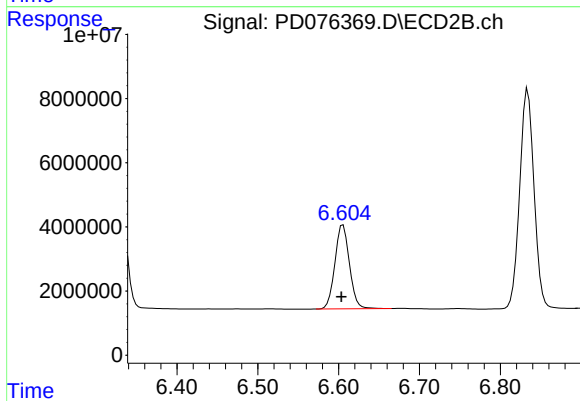
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.001 min
Response: 70344502
Conc: 46.30 ng/ml



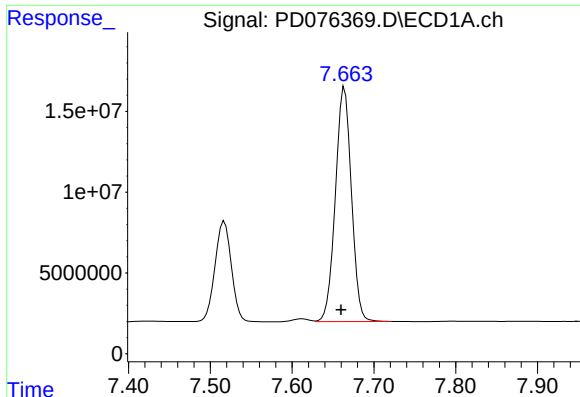
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.005 min
Response: 85569106
Conc: 44.77 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 32697889
Conc: 51.20 ng/ml



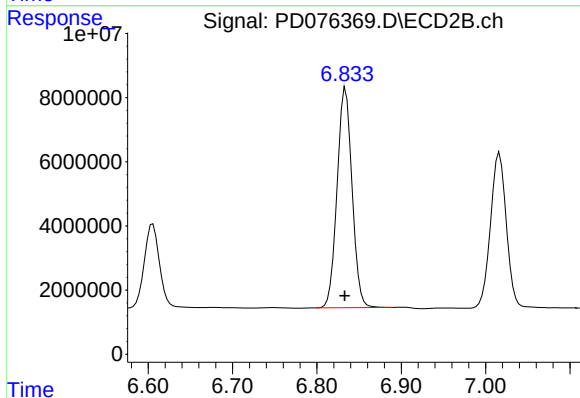
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: 0.004 min
Response: 197402548
Conc: 47.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154008BS

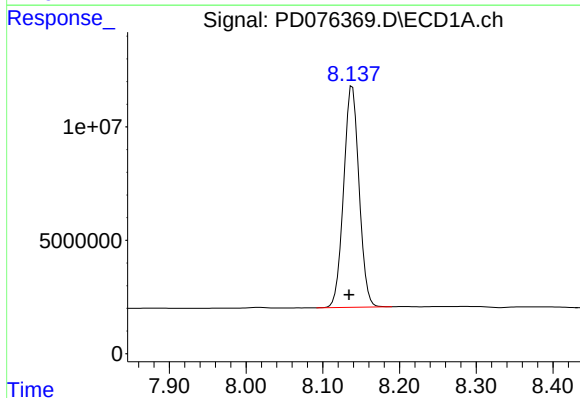
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Supervised By :Ankita Jodhani 07/07/2023



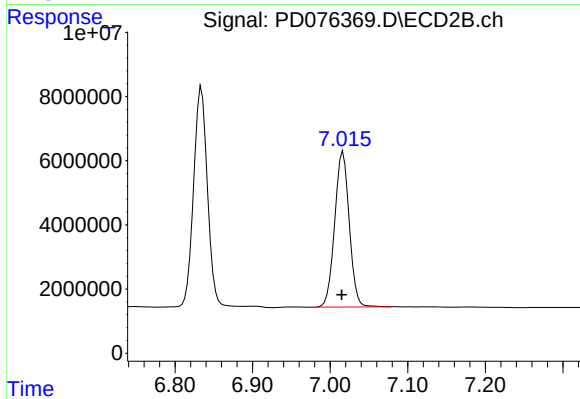
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 84386663
Conc: 48.28 ng/ml



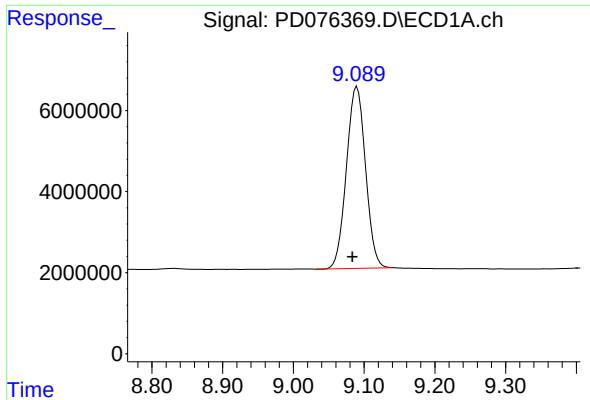
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.004 min
Response: 136829667
Conc: 43.30 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 63135865
Conc: 42.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.007 min
Response: 84047145
Conc: 23.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

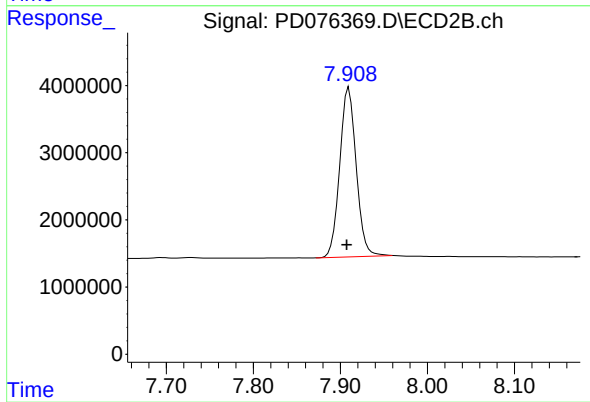
PB154008BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/07/2023

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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.002 min
Response: 33152833
Conc: 26.34 ng/ml