

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012023\
 Data File : PD073677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 12:35
 Operator : AR\AJ
 Sample : PB150340BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB150340BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2023
 Supervised By : Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 21:14:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 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...	3.555	2.777	47348046	26746894	20.256	21.010
28)	SA Decachlor...	9.106	7.936	62478854	27502420	22.171	23.638
Target Compounds							
2)	A alpha-BHC	4.012	3.281	26553841	13326739	6.686	7.822
3)	MA gamma-BHC...	4.345	3.611	26066968	12624218	7.100	8.393
4)	MA Heptachlor	4.939	3.953	28094514	11179445	7.566	8.349
5)	MB Aldrin	5.282	4.235	28439048	13982040	7.889	8.656
6)	B beta-BHC	4.539	3.906	12932752	5571035	8.337	8.406
7)	B delta-BHC	4.787	4.137	21045765	8119131	6.254	5.312
8)	B Heptachlo...	5.709	4.738	28780624	12077073	9.018	8.976
9)	A Endosulfan I	6.096	5.109	24069700	11351461	7.839	8.443
10)	B gamma-Chl...	5.964	4.989	26648905	13046784	8.094m	8.815
11)	B alpha-Chl...	6.046	5.054	27236343	13308119	8.256	8.947
12)	B 4,4'-DDE	6.217	5.244	23559887	11671079	7.800	8.747
13)	MA Dieldrin	6.372	5.375	26025199	11821176	8.162	9.018
14)	MA Endrin	6.603	5.650	21114775	10591895	7.789	9.525
15)	B Endosulfa...	6.821	5.944	23041914	10662146	8.701	9.155
16)	A 4,4'-DDD	6.735	5.798	19198146	9415588	7.784	9.138
17)	MA 4,4'-DDT	7.051	6.050	21237797	9370441	7.628	9.097
18)	B Endrin al...	6.951	6.124	19372994	8975868	8.931	10.177
19)	B Endosulfa...	7.186	6.347	20549004	9729510	7.675	8.643
20)	A Methoxychlor	7.526	6.628	12880094	5191373	8.314	9.919
21)	B Endrin ke...	7.673	6.854	24829277	11702795	8.211	9.134
22)	Mirex	8.151	7.039	22493562	11061567	9.789	10.533

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

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 ALS Vial : 7 Sample Multiplier: 1

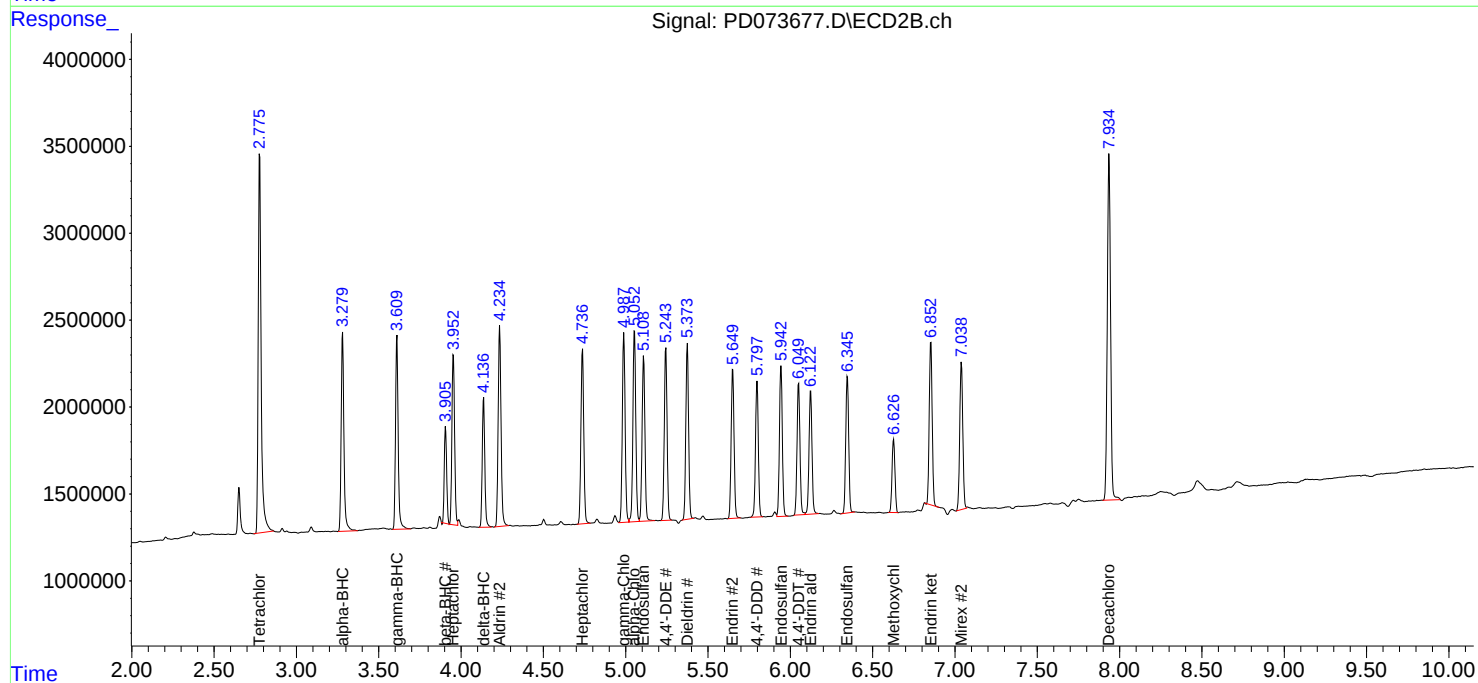
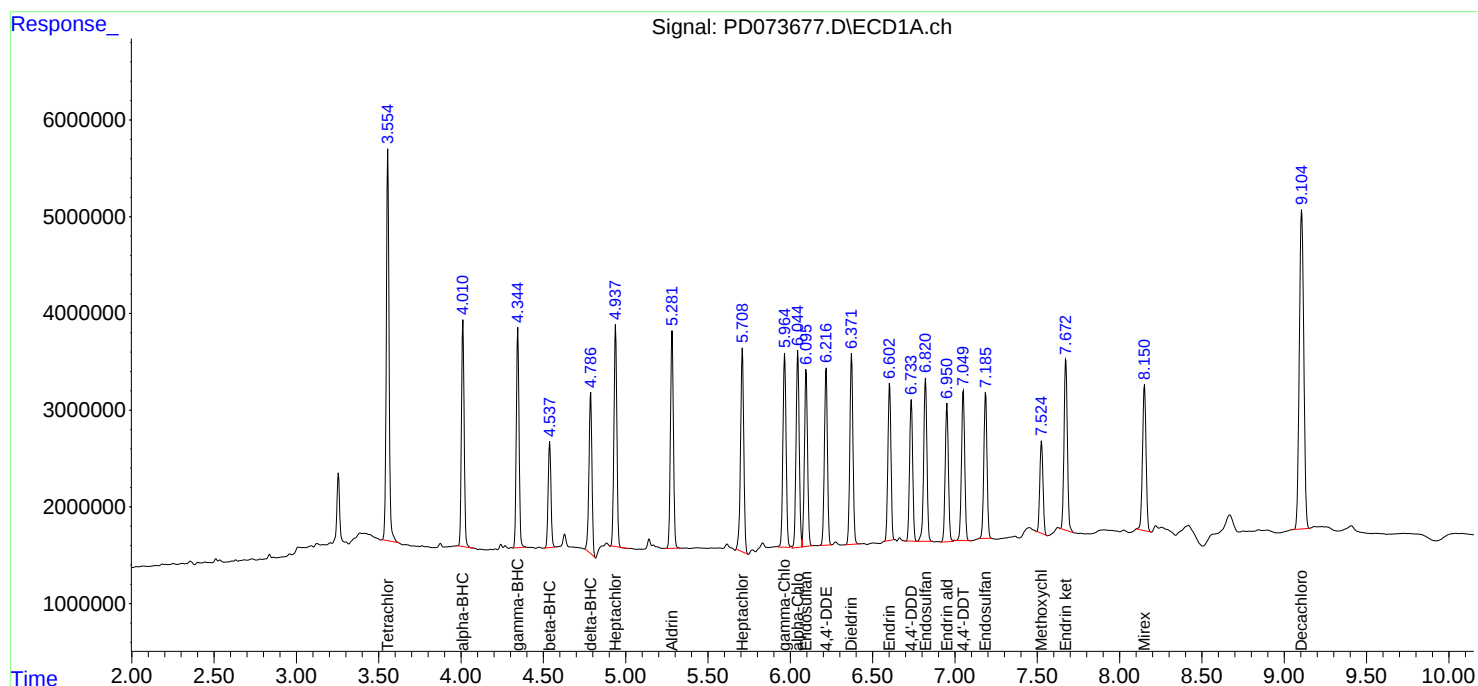
Instrument :
 ECD_D
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 PB150340BSD

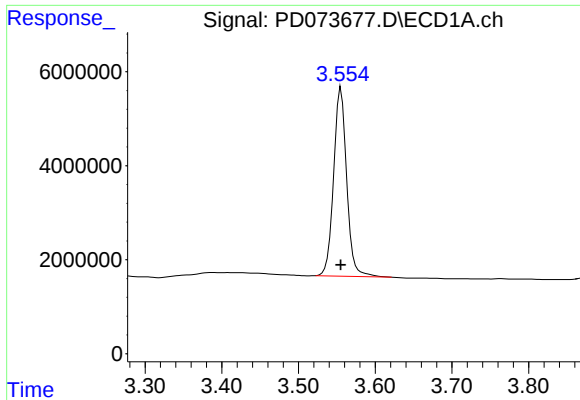
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 01/23/2023
 Supervised By :Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 21:14:09 2023
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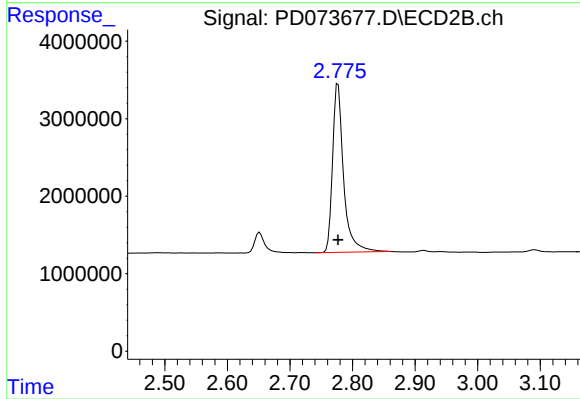
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 47348046
Conc: 20.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB150340BSD

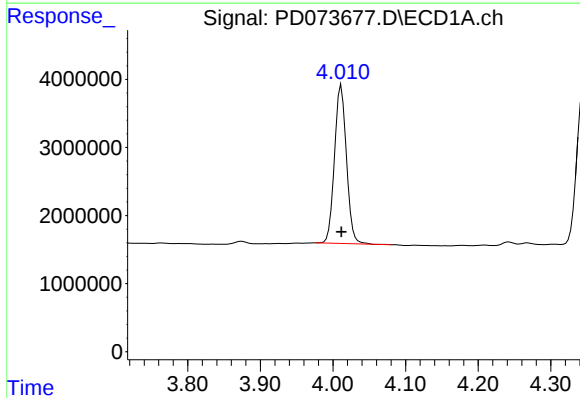
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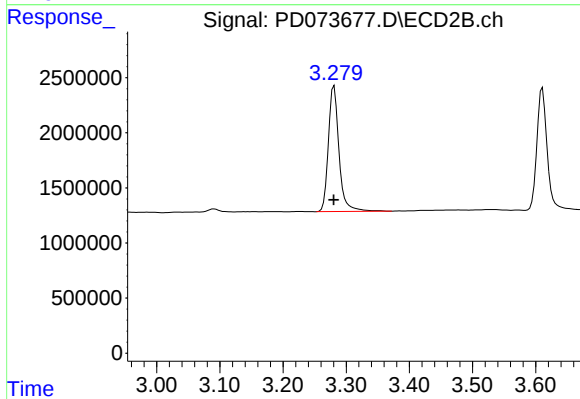
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 26746894
Conc: 21.01 ng/ml



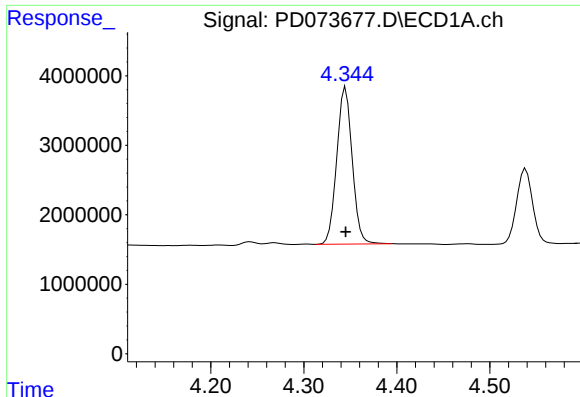
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 26553841
Conc: 6.69 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 13326739
Conc: 7.82 ng/ml



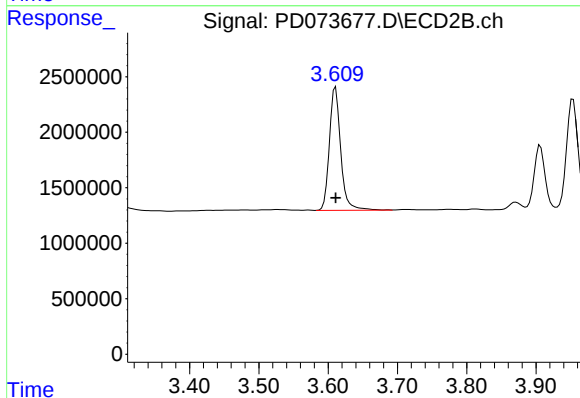
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 26066968
Conc: 7.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB150340BSD

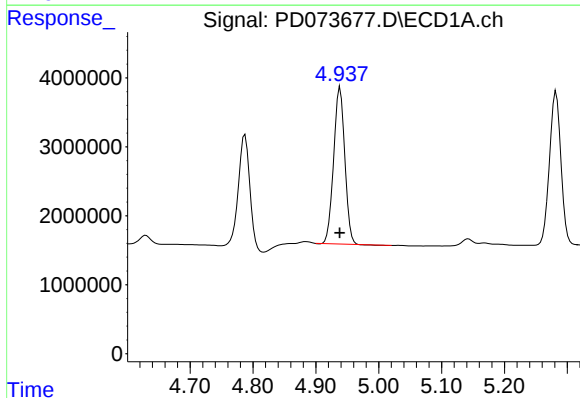
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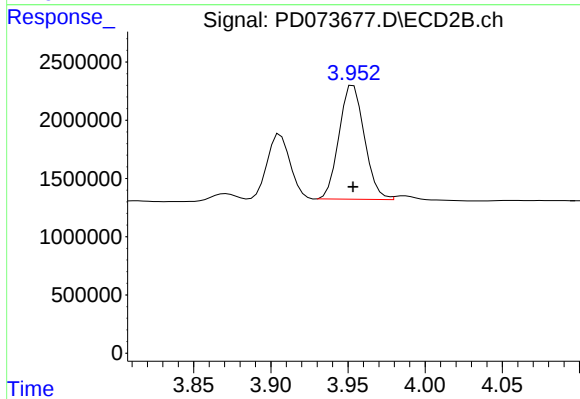
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 12624218
Conc: 8.39 ng/ml



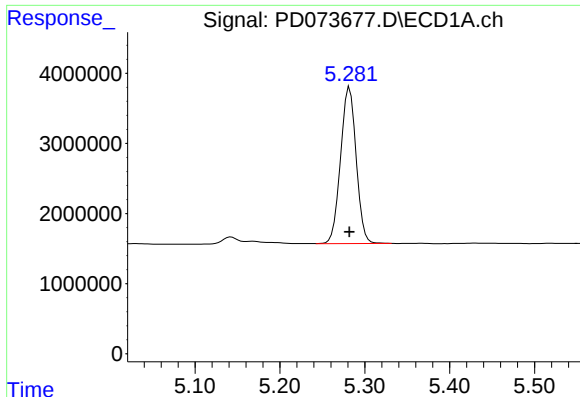
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 28094514
Conc: 7.57 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 11179445
Conc: 8.35 ng/ml



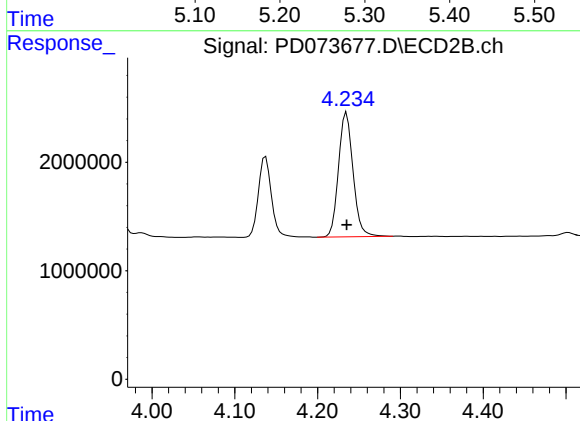
#5 Aldrin

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 28439048
Conc: 7.89 ng/ml

Instrument :
ECD_D
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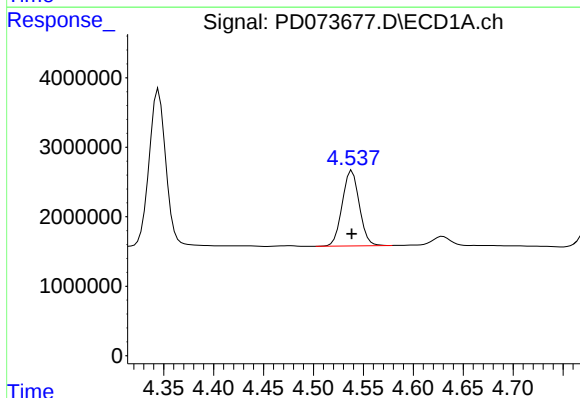
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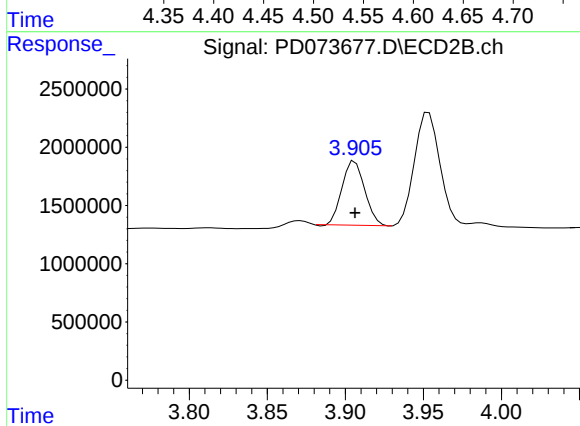
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 13982040
Conc: 8.66 ng/ml



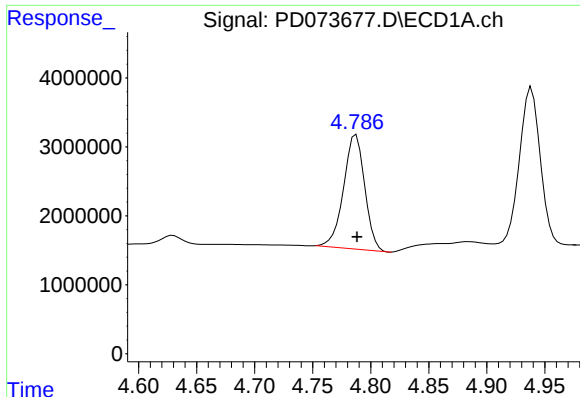
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 12932752
Conc: 8.34 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 5571035
Conc: 8.41 ng/ml



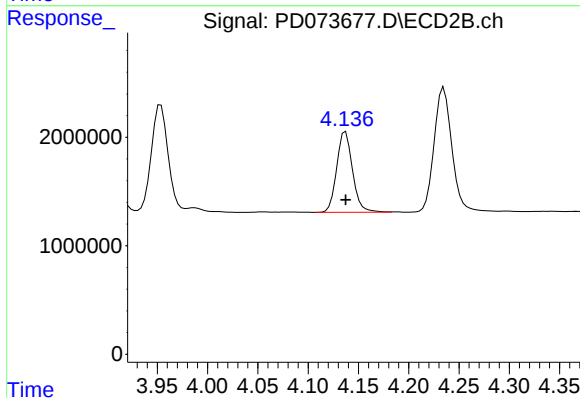
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 21045765
Conc: 6.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB150340BSD

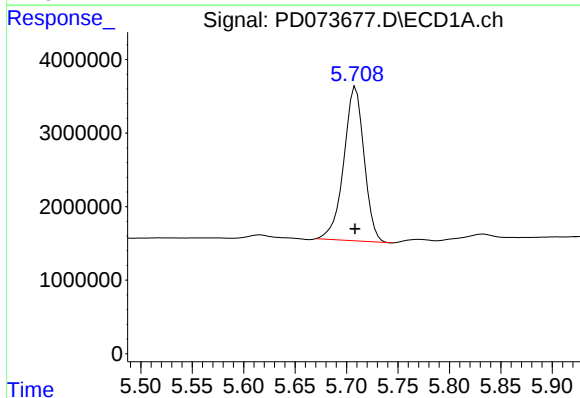
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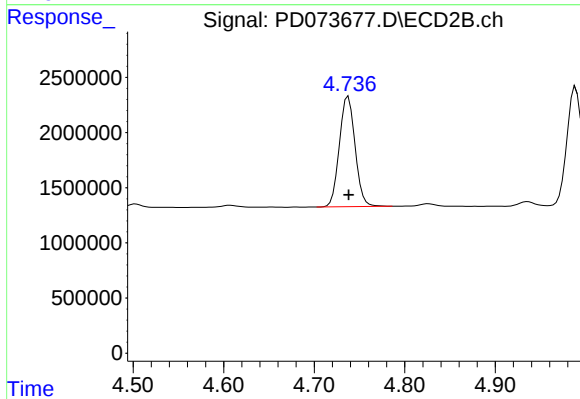
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 8119131
Conc: 5.31 ng/ml



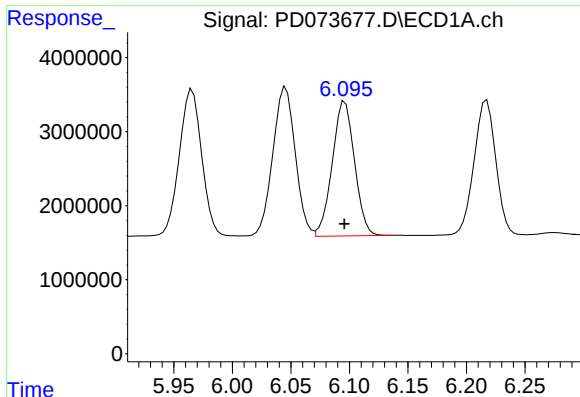
#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 28780624
Conc: 9.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 12077073
Conc: 8.98 ng/ml



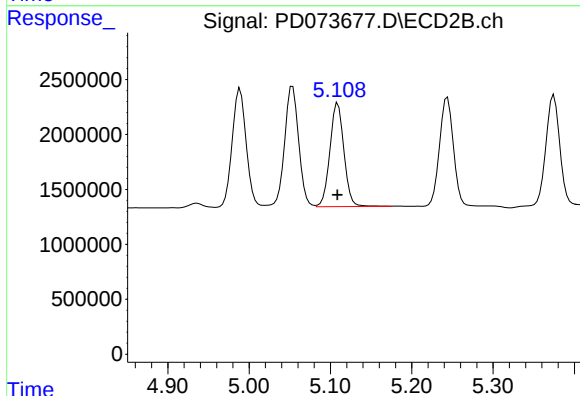
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 24069700
Conc: 7.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB150340BSD

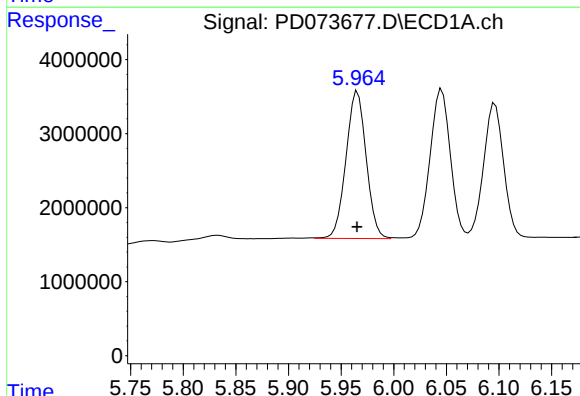
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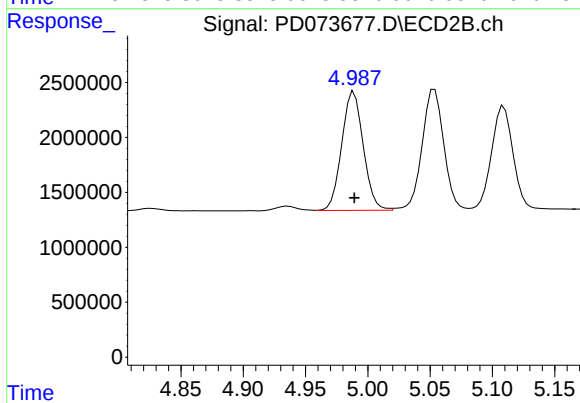
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 11351461
Conc: 8.44 ng/ml



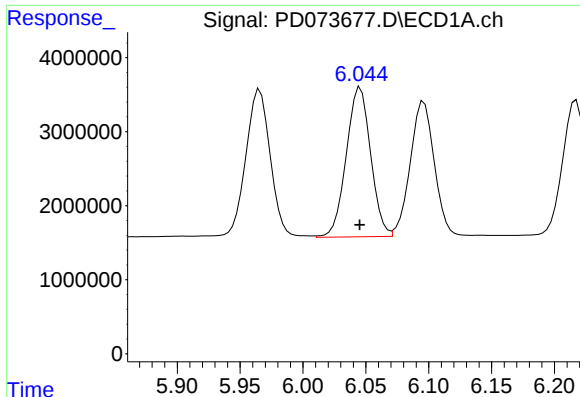
#10 gamma-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 26648905
Conc: 8.09 ng/ml m



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 13046784
Conc: 8.82 ng/ml



#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 27236343
Conc: 8.26 ng/ml

Instrument :

ECD_D

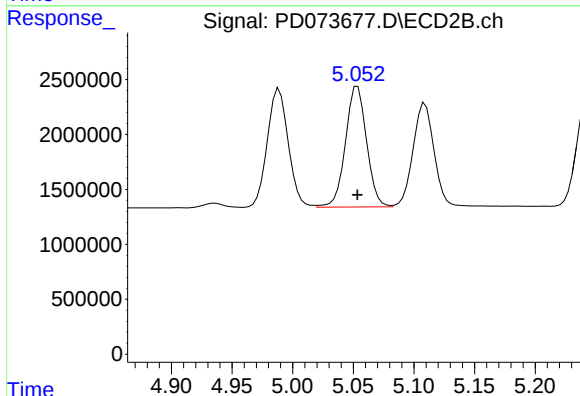
ClientSampleId :

PB150340BSD

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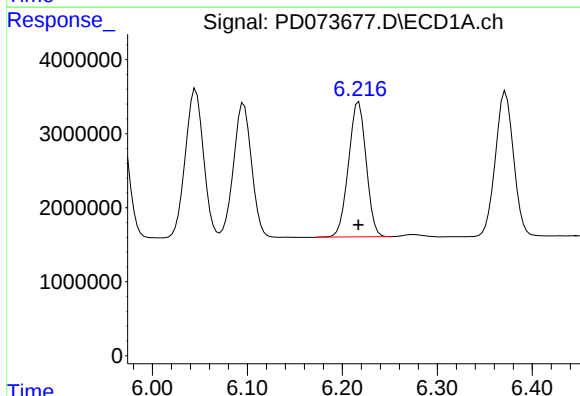
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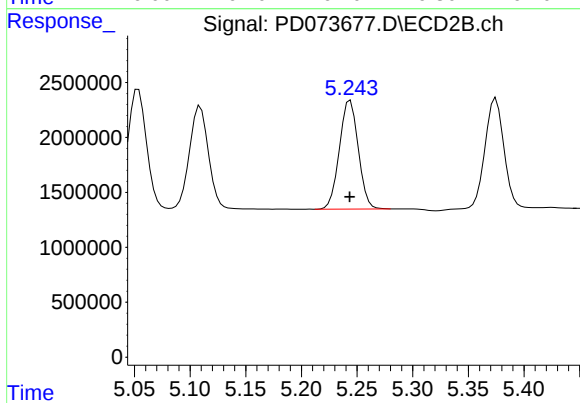
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 13308119
Conc: 8.95 ng/ml



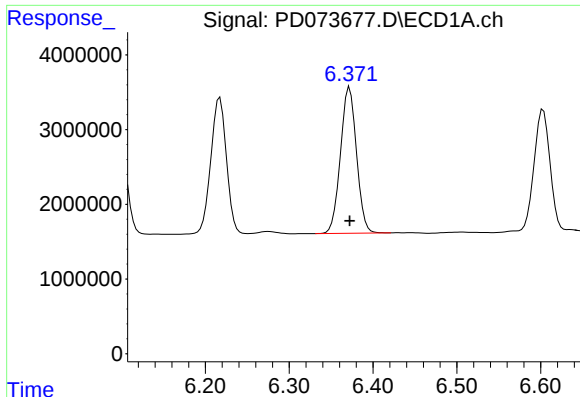
#12 4,4'-DDE

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 23559887
Conc: 7.80 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 11671079
Conc: 8.75 ng/ml



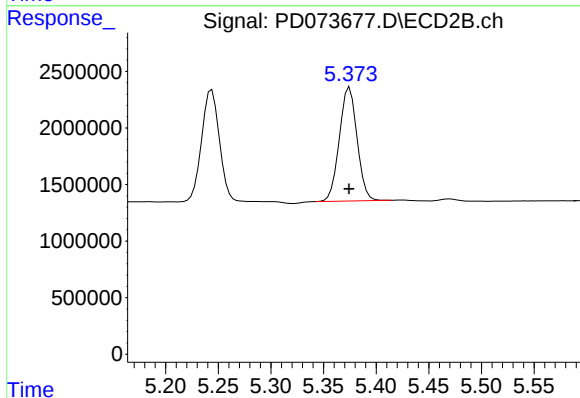
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 26025199
Conc: 8.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
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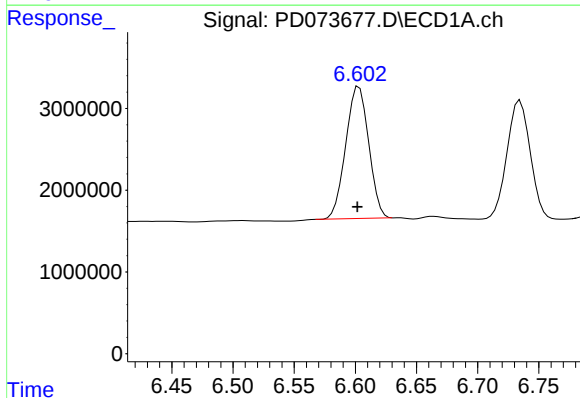
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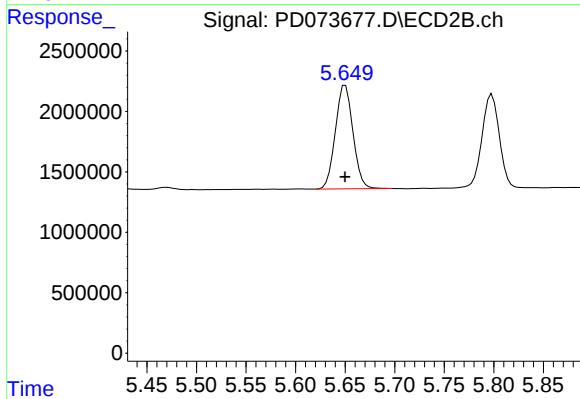
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 11821176
Conc: 9.02 ng/ml



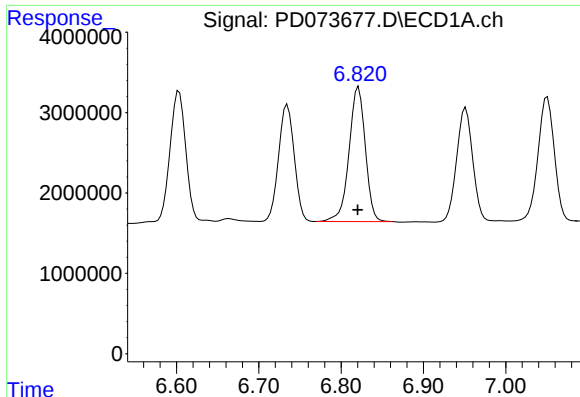
#14 Endrin

R.T.: 6.603 min
Delta R.T.: 0.001 min
Response: 21114775
Conc: 7.79 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 10591895
Conc: 9.52 ng/ml



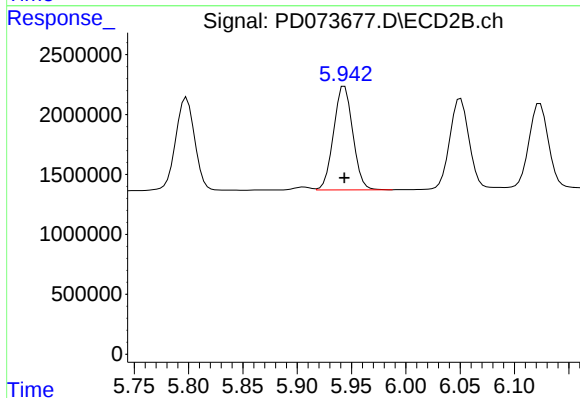
#15 Endosulfan II

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 23041914
Conc: 8.70 ng/ml

Instrument :
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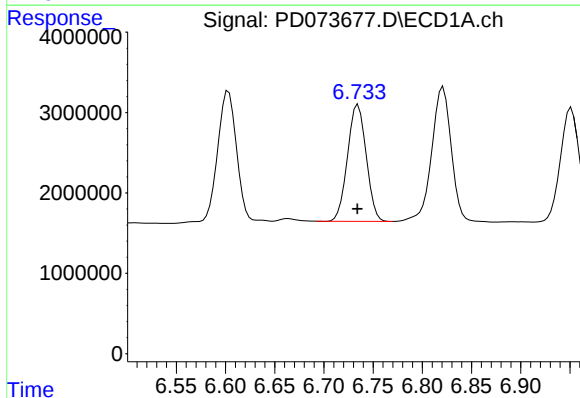
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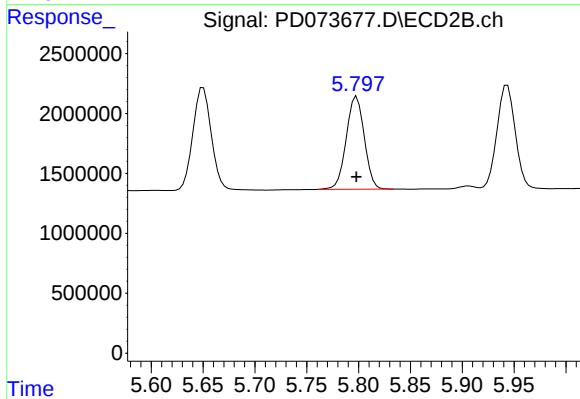
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 10662146
Conc: 9.15 ng/ml



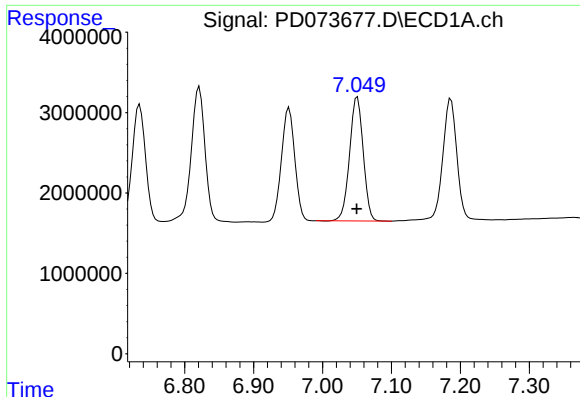
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 19198146
Conc: 7.78 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 9415588
Conc: 9.14 ng/ml



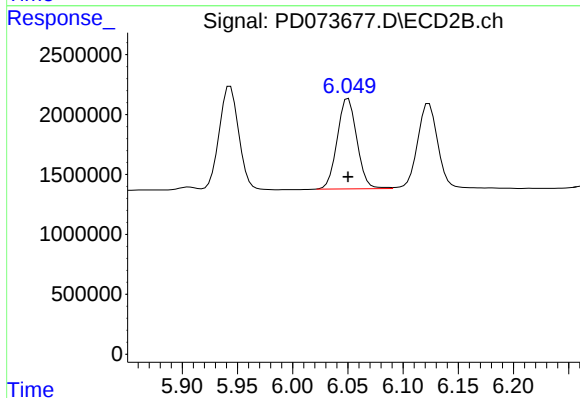
#17 4,4'-DDT

R.T.: 7.051 min
Delta R.T.: 0.001 min
Response: 21237797
Conc: 7.63 ng/ml

Instrument :
ECD_D
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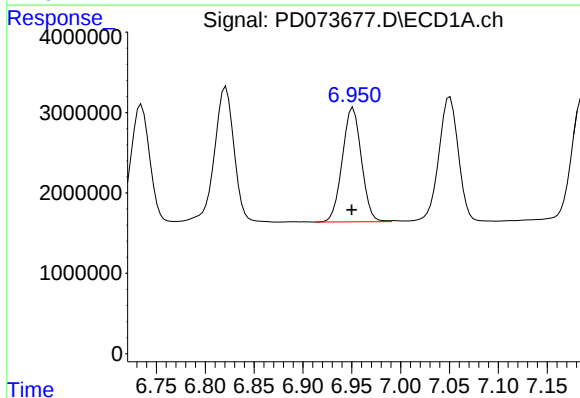
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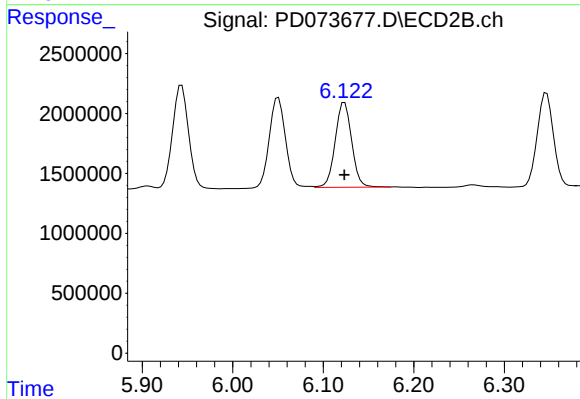
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 9370441
Conc: 9.10 ng/ml



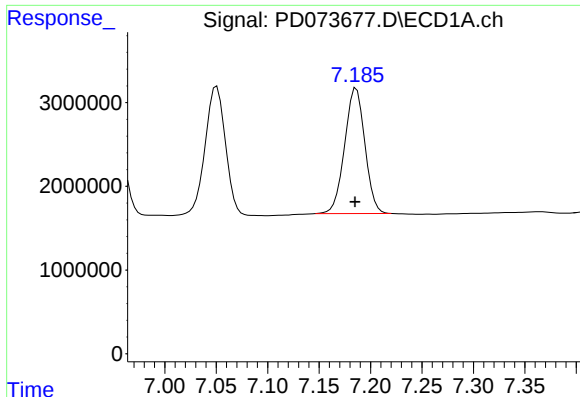
#18 Endrin aldehyde

R.T.: 6.951 min
Delta R.T.: 0.001 min
Response: 19372994
Conc: 8.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 8975868
Conc: 10.18 ng/ml



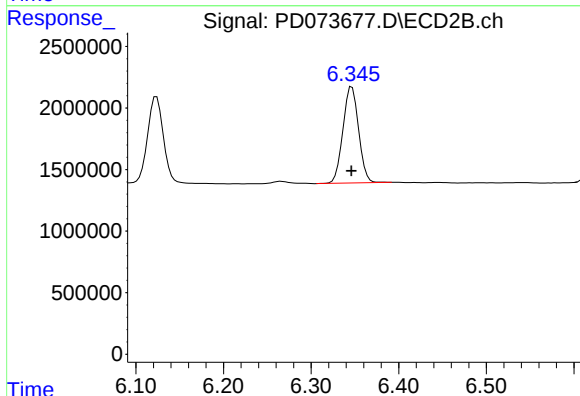
#19 Endosulfan Sulfate

R.T.: 7.186 min
Delta R.T.: 0.001 min
Response: 20549004
Conc: 7.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB150340BSD

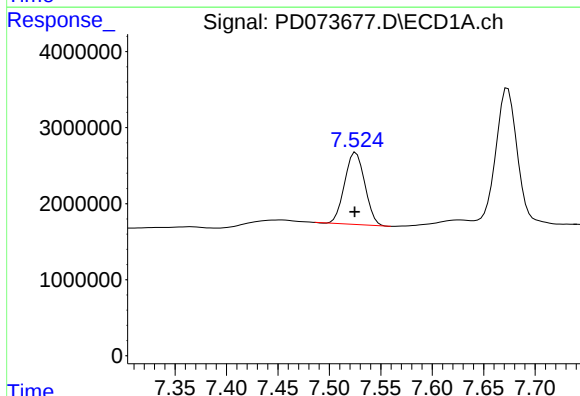
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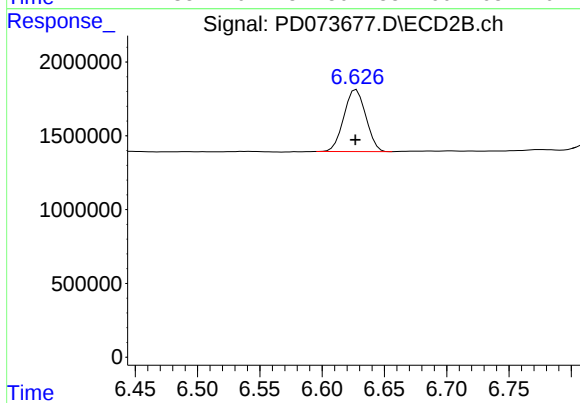
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 9729510
Conc: 8.64 ng/ml



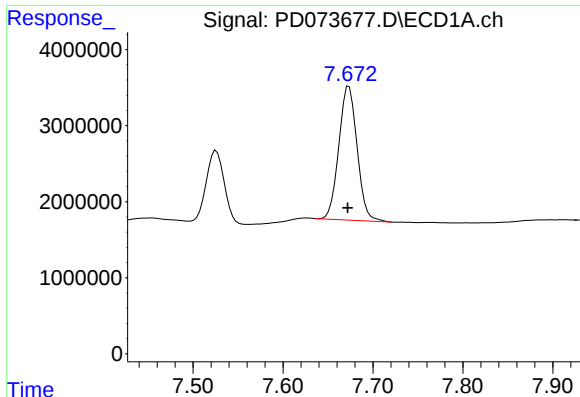
#20 Methoxychlor

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 12880094
Conc: 8.31 ng/ml



#20 Methoxychlor

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 5191373
Conc: 9.92 ng/ml



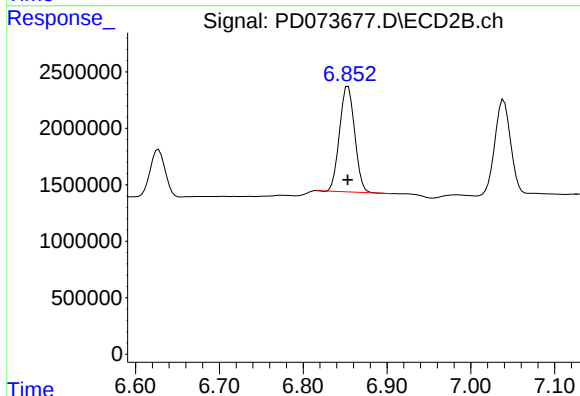
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.001 min
Response: 24829277
Conc: 8.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB150340BSD

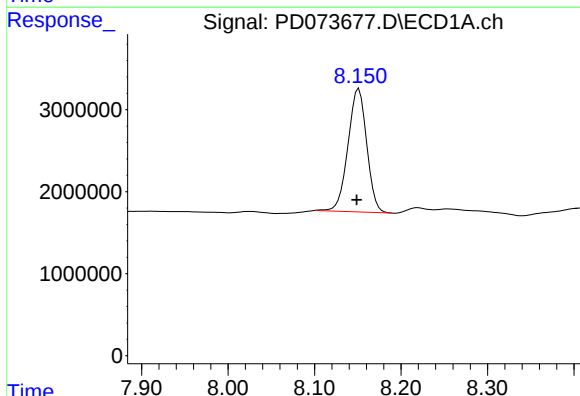
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APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



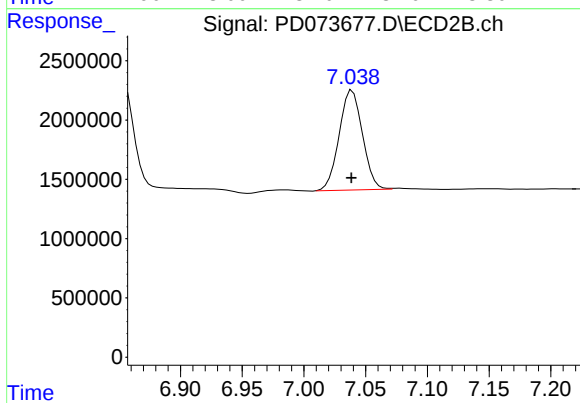
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 11702795
Conc: 9.13 ng/ml



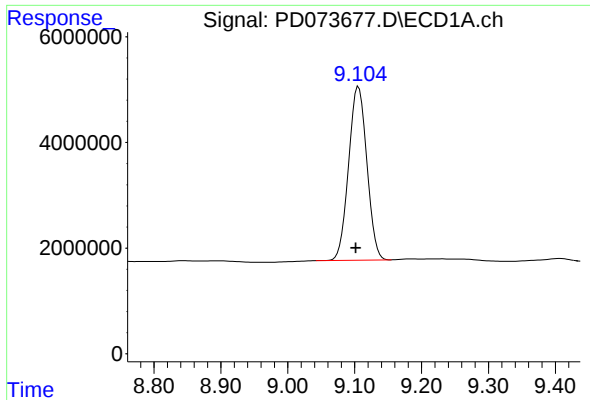
#22 Mirex

R.T.: 8.151 min
Delta R.T.: 0.003 min
Response: 22493562
Conc: 9.79 ng/ml



#22 Mirex

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 11061567
Conc: 10.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.004 min
Response: 62478854
Conc: 22.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

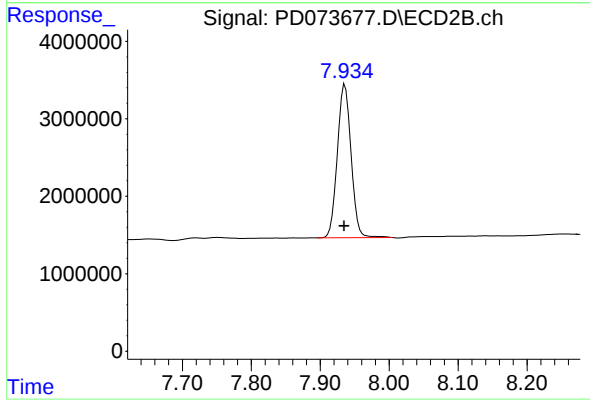
PB150340BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 27502420
Conc: 23.64 ng/ml