

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 17:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 21:49:43 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...	3.545	2.766	157.9E6	76858011	48.197	48.383
28)	SA Decachlor...	9.085	7.908	164.3E6	67363398	46.217	53.526
Target Compounds							
2)	A alpha-BHC	4.002	3.267	287.2E6	117.3E6	49.583	48.679
3)	MA gamma-BHC...	4.335	3.597	259.4E6	107.3E6	49.545	48.217
4)	MA Heptachlor	4.926	3.937	263.7E6	106.3E6	47.936	46.794
5)	MB Aldrin	5.269	4.217	259.8E6	104.1E6	48.587	46.974
6)	B beta-BHC	4.531	3.894	103.2E6	44454116	49.231	49.988
7)	B delta-BHC	4.780	4.124	260.5E6	106.8E6	50.677	50.803
8)	B Heptachlo...	5.696	4.719	229.0E6	93852668	47.531	46.944
9)	A Endosulfan I	6.083	5.089	213.9E6	87394407	47.940	46.668
10)	B gamma-Chl...	5.953	4.970	235.4E6	94966722	48.399	47.693
11)	B alpha-Chl...	6.033	5.034	230.5E6	93617011	47.970	47.110
12)	B 4,4'-DDE	6.204	5.223	213.4E6	85741617	50.267	55.783
13)	MA Dieldrin	6.359	5.354	226.3E6	93413393	48.367	47.426
14)	MA Endrin	6.590	5.630	185.8E6	81785713	46.677	46.335
15)	B Endosulfa...	6.809	5.924	178.2E6	75130220	47.994	48.418
16)	A 4,4'-DDD	6.723	5.777	174.7E6	72160066	51.994	59.706
17)	MA 4,4'-DDT	7.038	6.029	169.5E6	67618316	48.206	55.870
18)	B Endrin al...	6.938	6.104	137.7E6	58758051	50.249m	51.415
19)	B Endosulfa...	7.174	6.327	175.7E6	76338789	47.554	50.242
20)	A Methoxychlor	7.514	6.604	87956103	36571466	46.020	57.268
21)	B Endrin ke...	7.661	6.833	201.2E6	88663229	48.188	50.727
22)	Mirex	8.136	7.015	143.0E6	67814097	45.244	45.750

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

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Data File : PD076383.D
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Acq On : 06 Jul 2023 17:51
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Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

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Manual Integrations

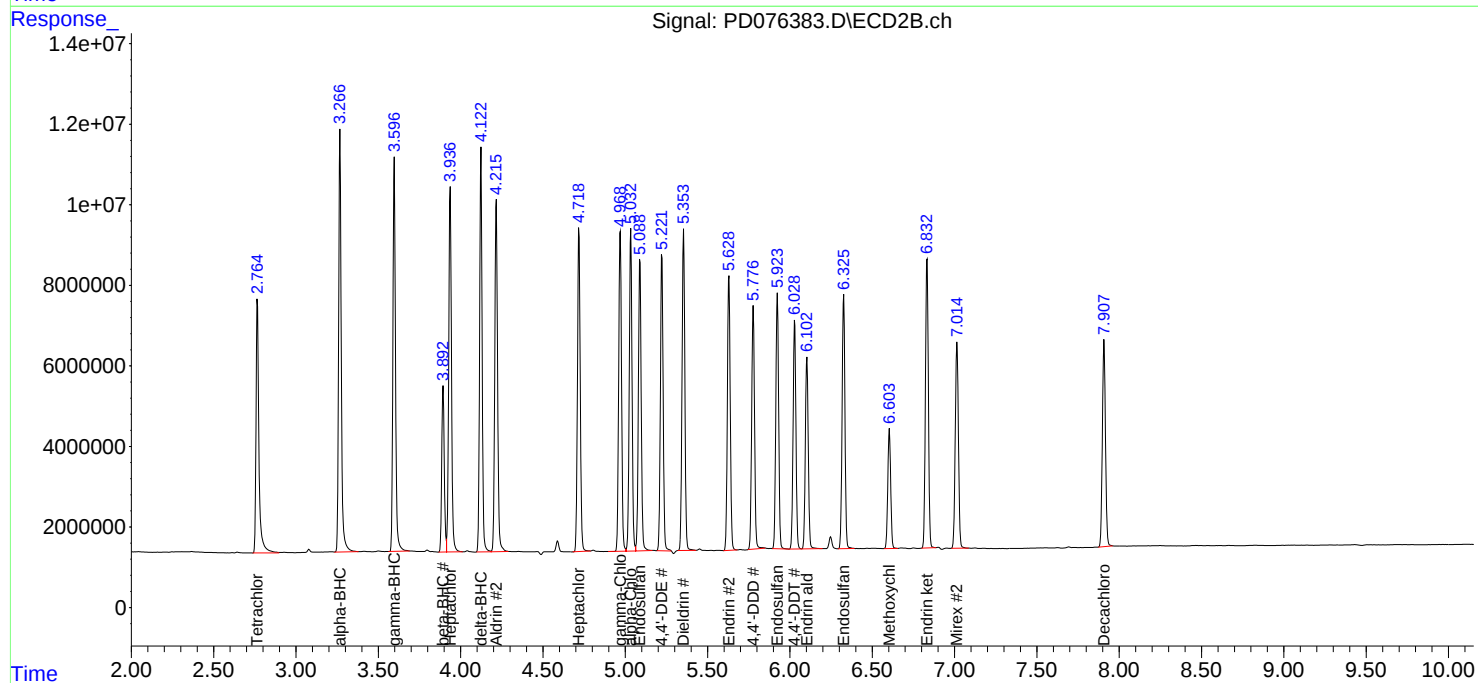
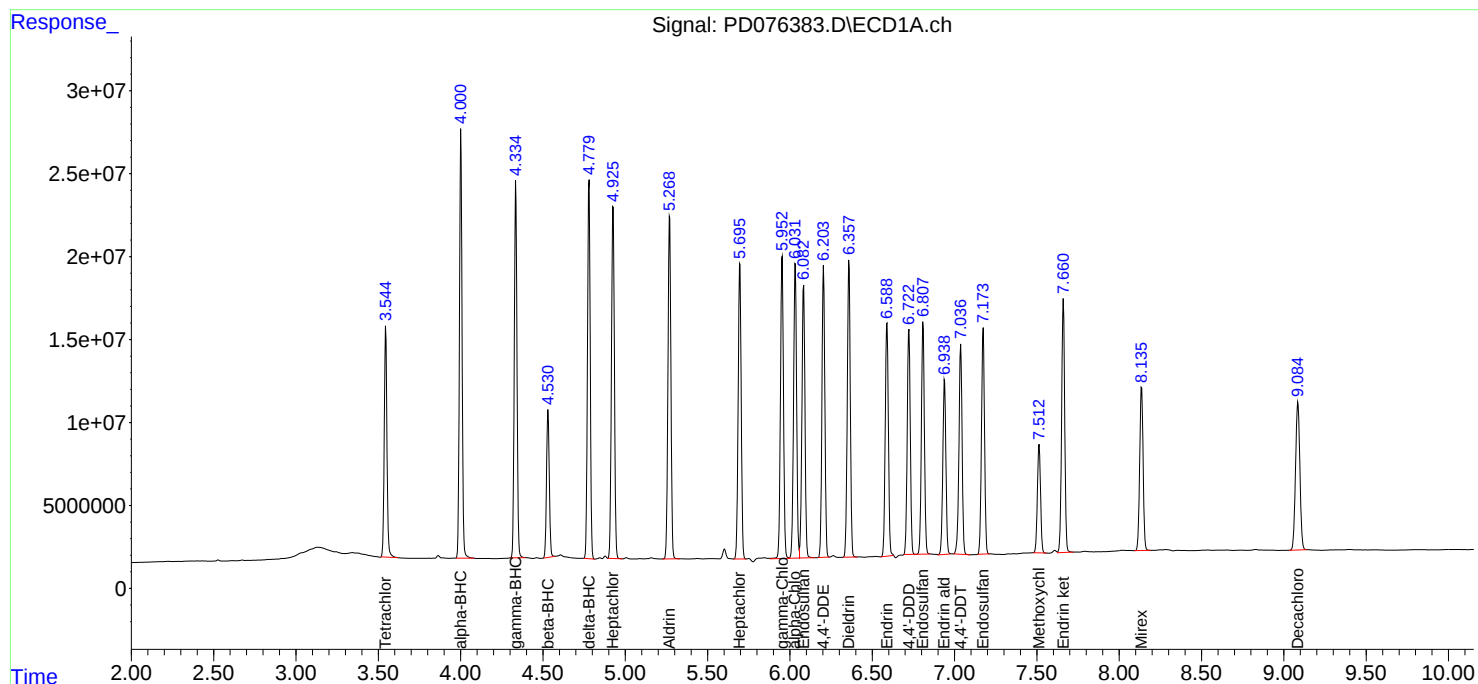
APPROVED

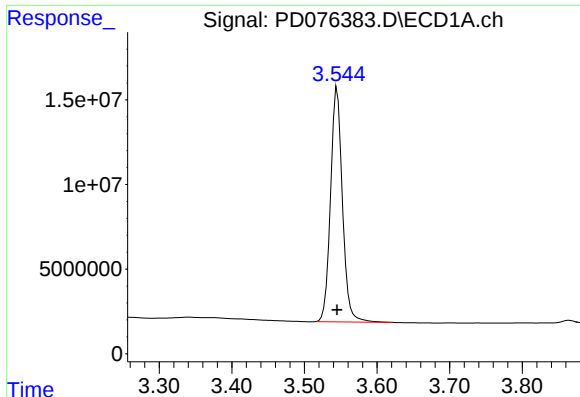
Reviewed By :Abdul Mirza 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:49:43 2023
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Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
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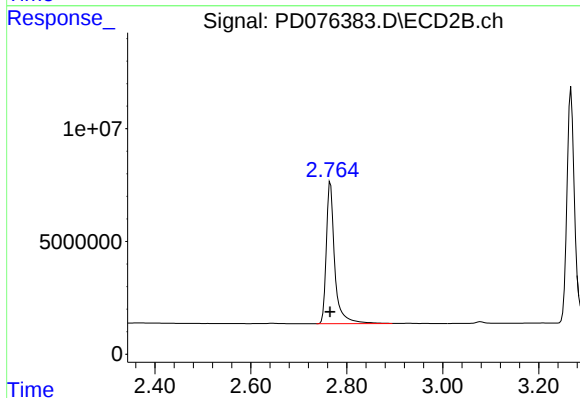
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 157909903
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

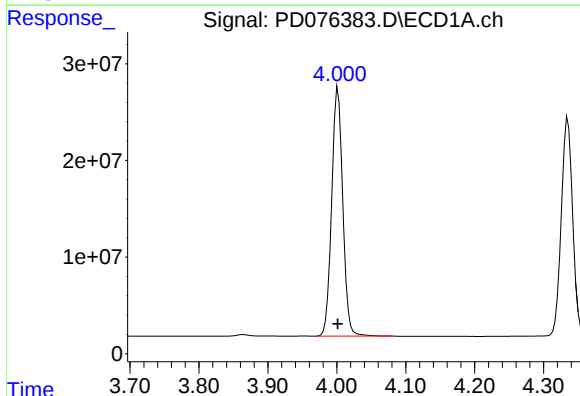
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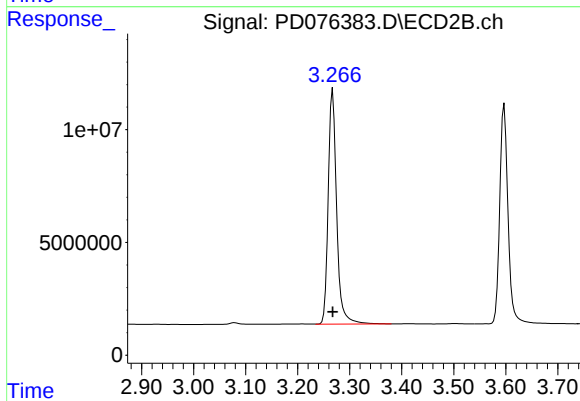
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 76858011
Conc: 48.38 ng/ml



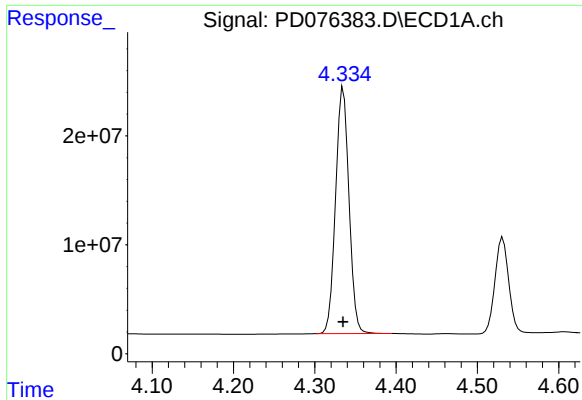
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 287182909
Conc: 49.58 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 117289042
Conc: 48.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 259391870
Conc: 49.54 ng/ml

Instrument :

ECD_D

ClientSampleId :

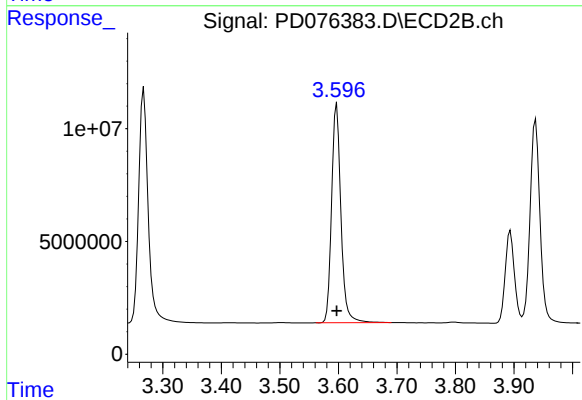
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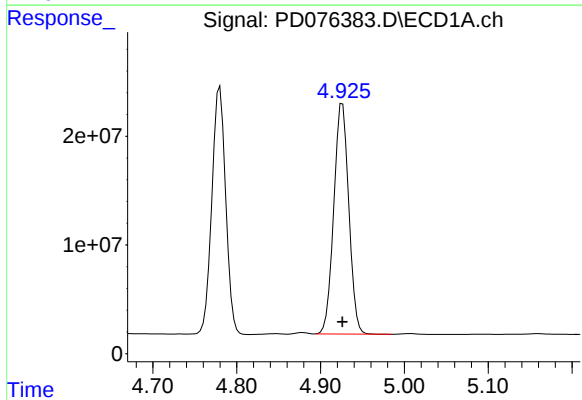
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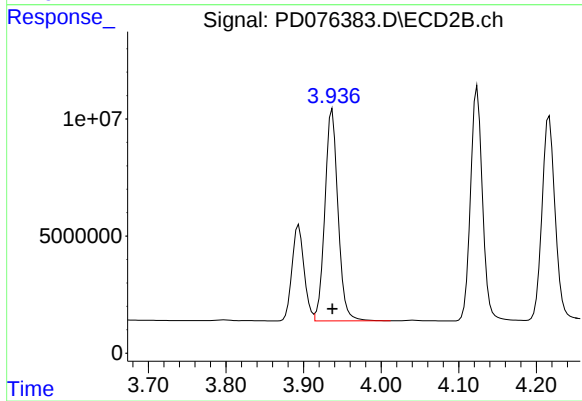
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 107346225
Conc: 48.22 ng/ml



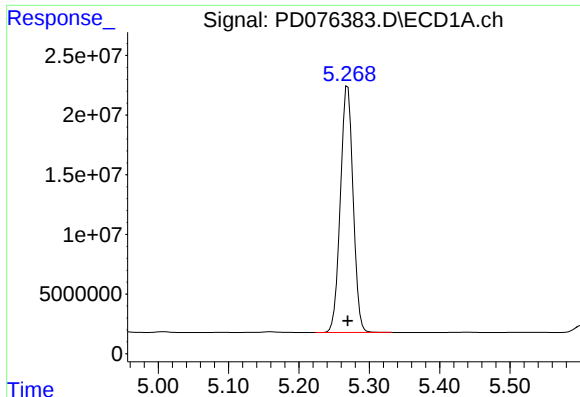
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 263650884
Conc: 47.94 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 106291974
Conc: 46.79 ng/ml



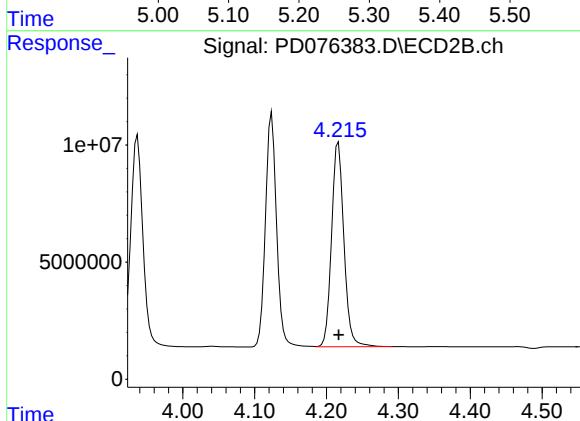
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 259764897
Conc: 48.59 ng/ml

Instrument :
ECD_D
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PSTDCCC050

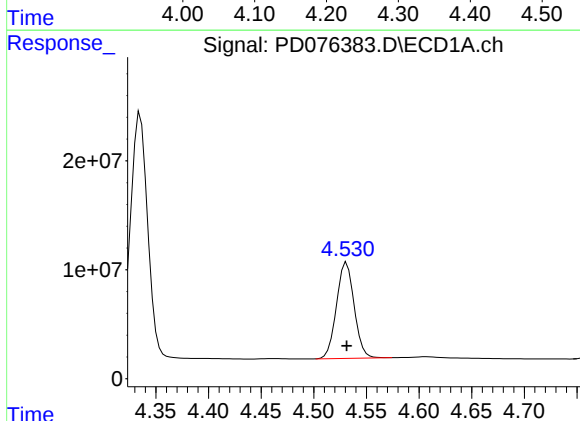
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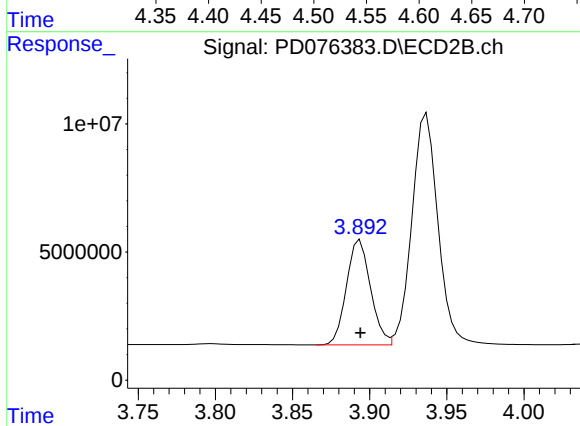
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 104109041
Conc: 46.97 ng/ml



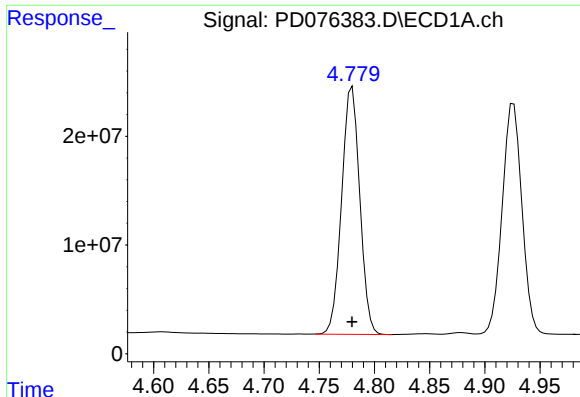
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 103190468
Conc: 49.23 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 44454116
Conc: 49.99 ng/ml



#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 260465068
Conc: 50.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

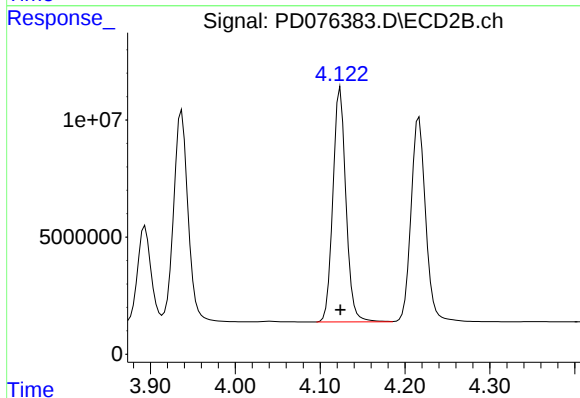
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Manual Integrations

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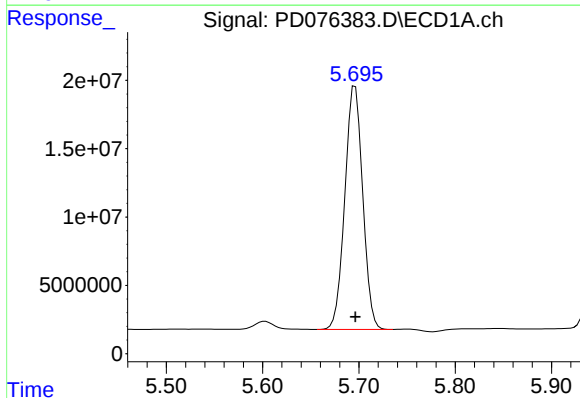
Reviewed By :Abdul Mirza 07/07/2023

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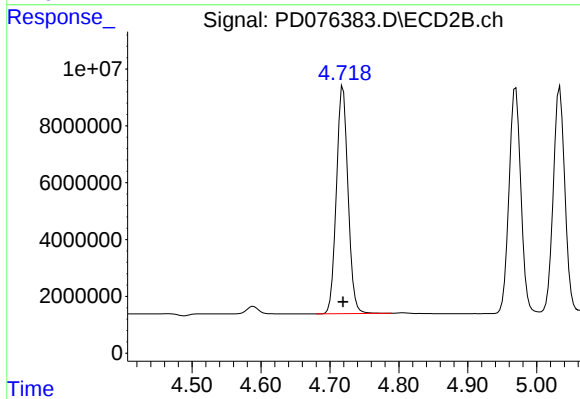
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 106821269
Conc: 50.80 ng/ml



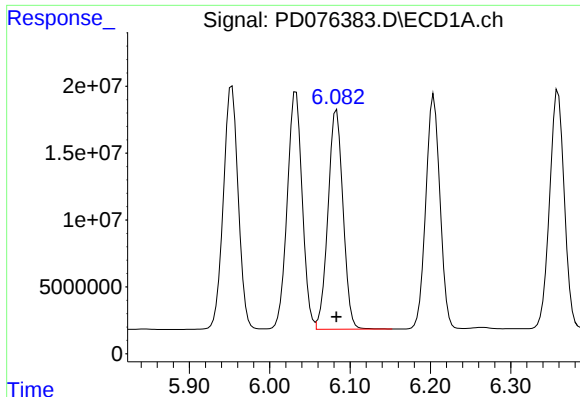
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 229020899
Conc: 47.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 93852668
Conc: 46.94 ng/ml



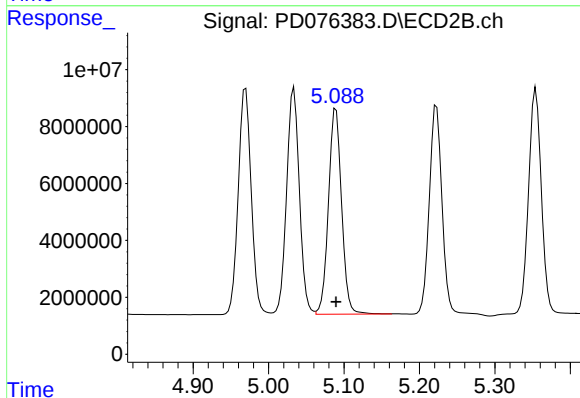
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 213861820
Conc: 47.94 ng/ml

Instrument :
ECD_D
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PSTDCCC050

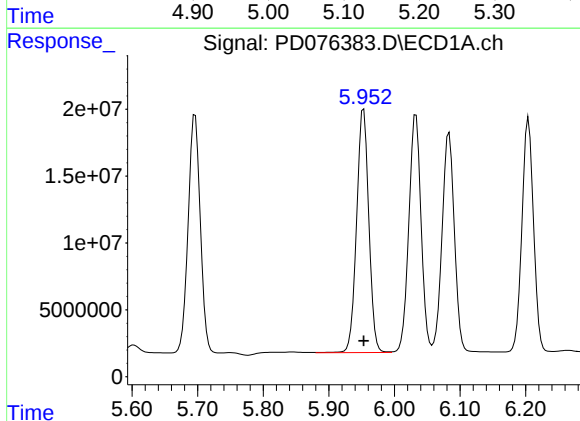
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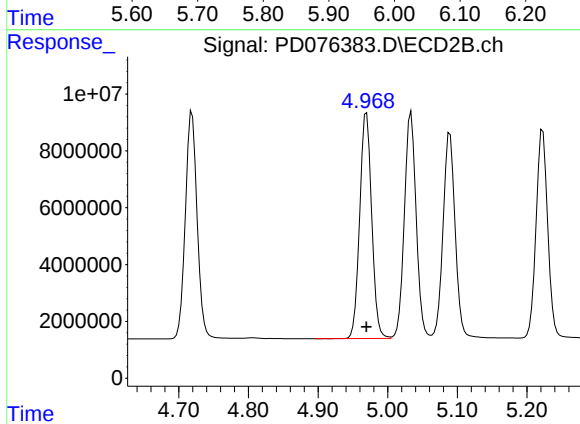
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 87394407
Conc: 46.67 ng/ml



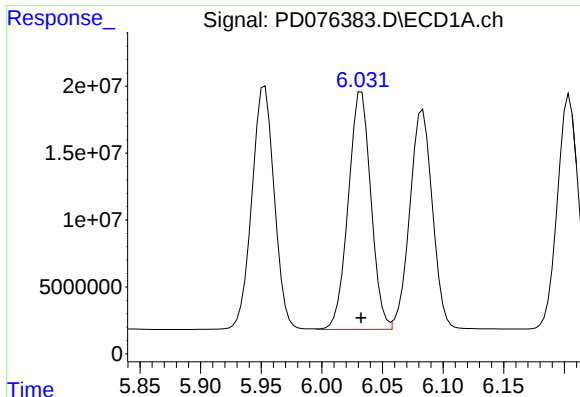
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 235365905
Conc: 48.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 94966722
Conc: 47.69 ng/ml



#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 230459274
Conc: 47.97 ng/ml

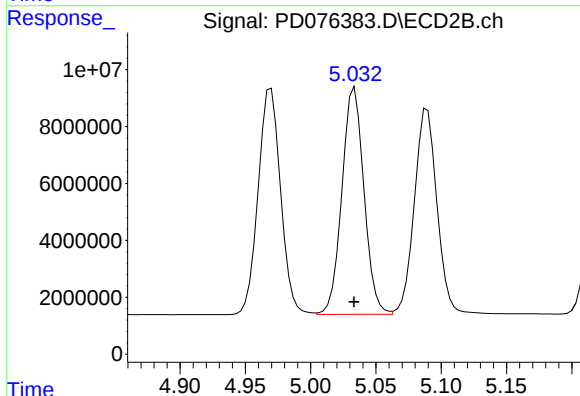
Instrument :

ECD_D

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PSTDCCC050

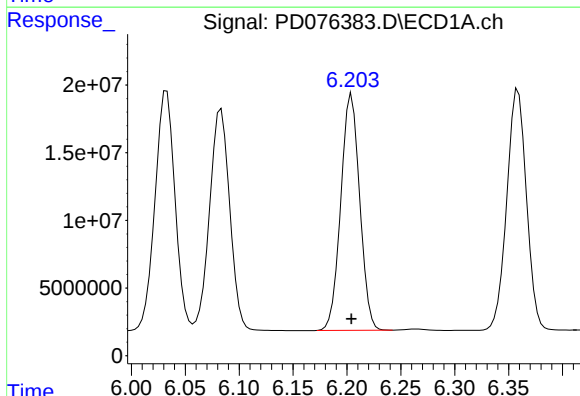
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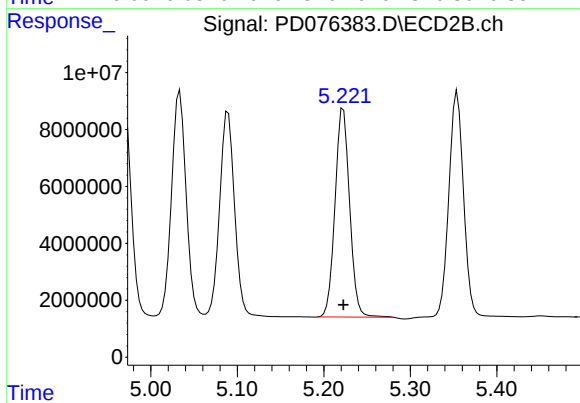
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 93617011
Conc: 47.11 ng/ml



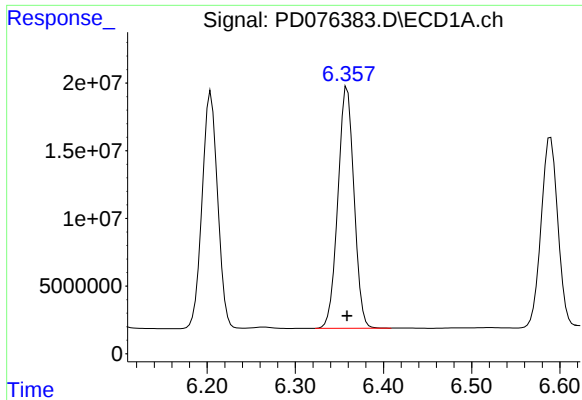
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 213373668
Conc: 50.27 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 85741617
Conc: 55.78 ng/ml



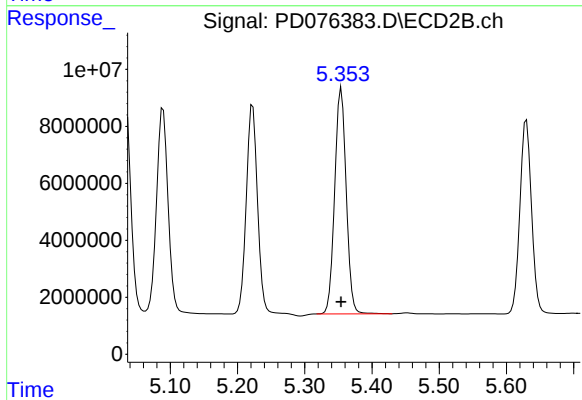
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 226265688
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
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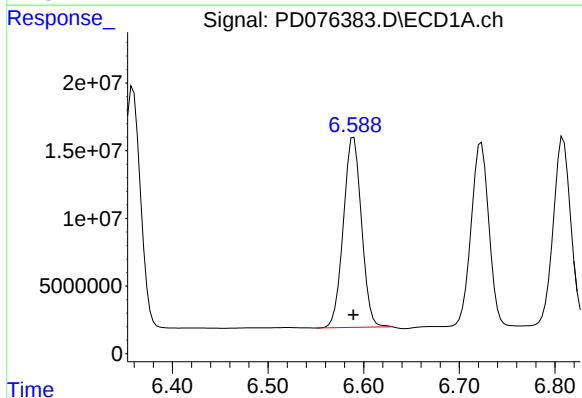
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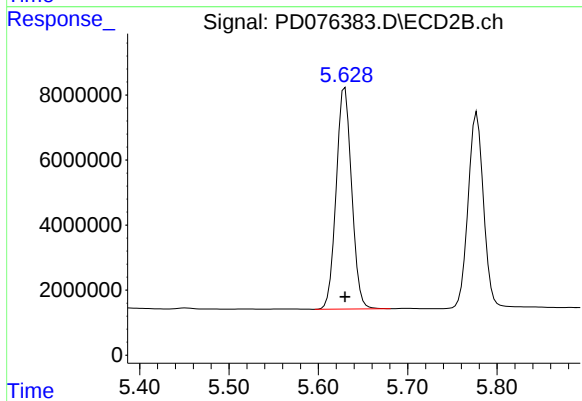
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 93413393
Conc: 47.43 ng/ml



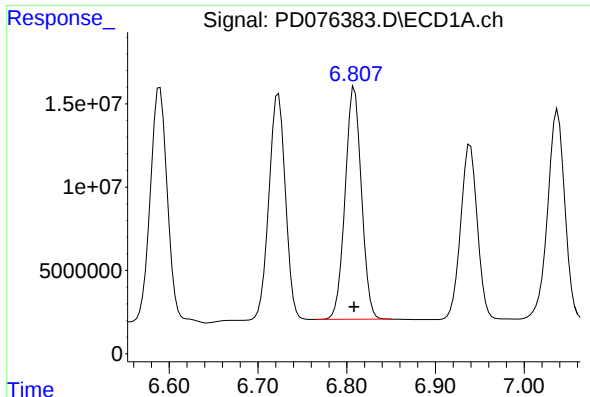
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 185835231
Conc: 46.68 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 81785713
Conc: 46.34 ng/ml



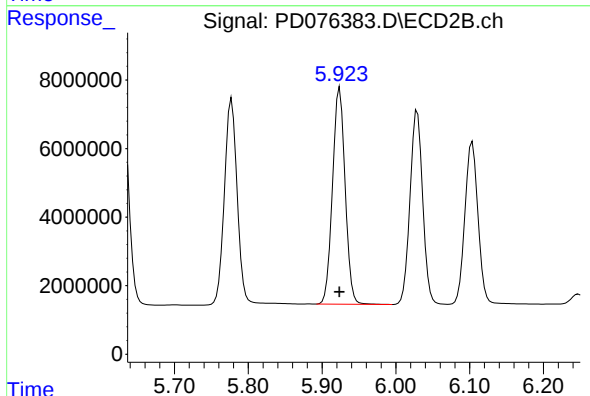
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 178228980
Conc: 47.99 ng/ml

Instrument :
ECD_D
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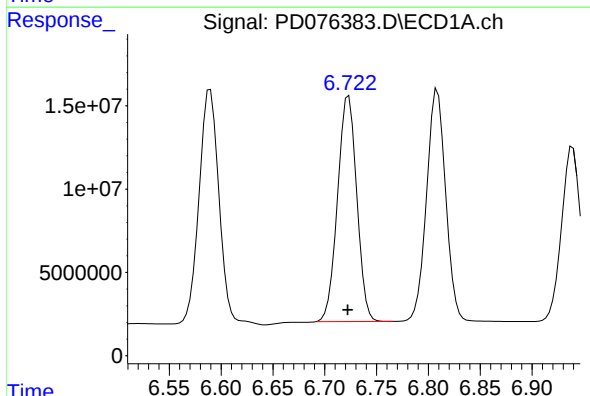
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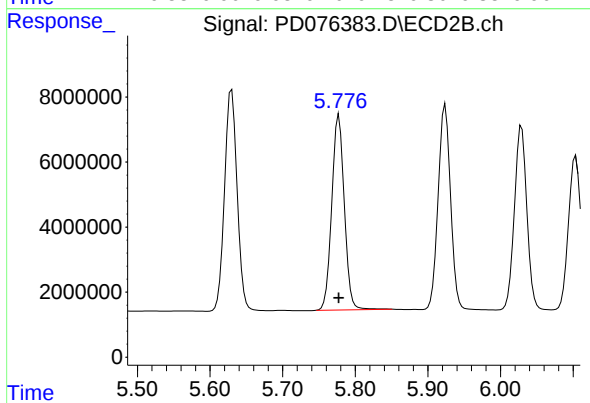
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 75130220
Conc: 48.42 ng/ml



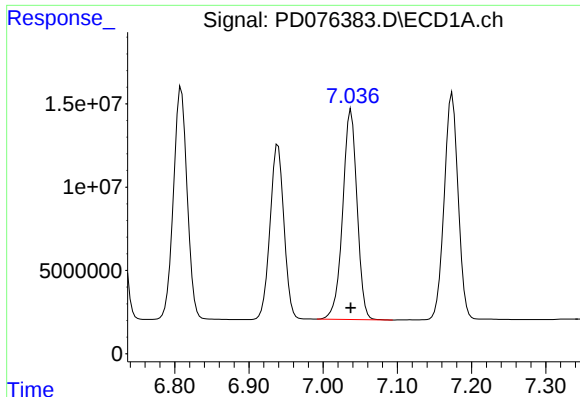
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 174679225
Conc: 51.99 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 72160066
Conc: 59.71 ng/ml



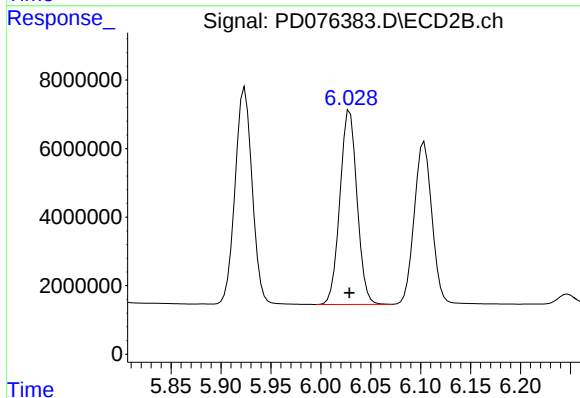
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 169490600
Conc: 48.21 ng/ml

Instrument :
ECD_D
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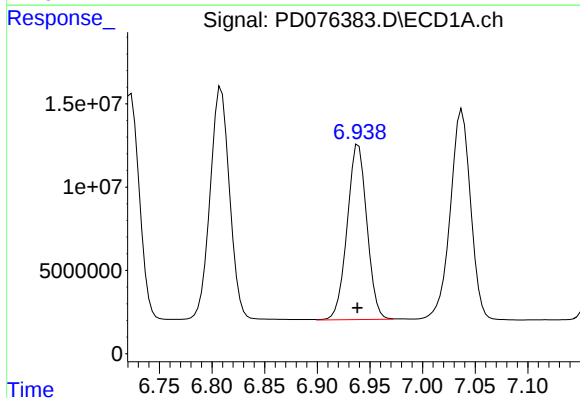
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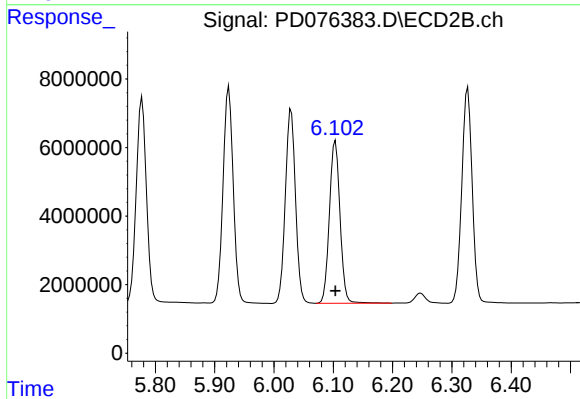
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 67618316
Conc: 55.87 ng/ml



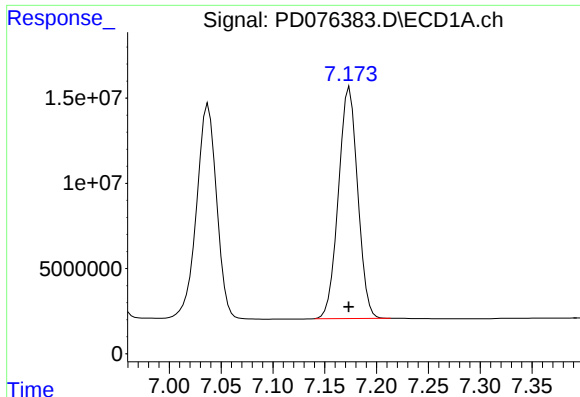
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 137727015
Conc: 50.25 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 58758051
Conc: 51.41 ng/ml



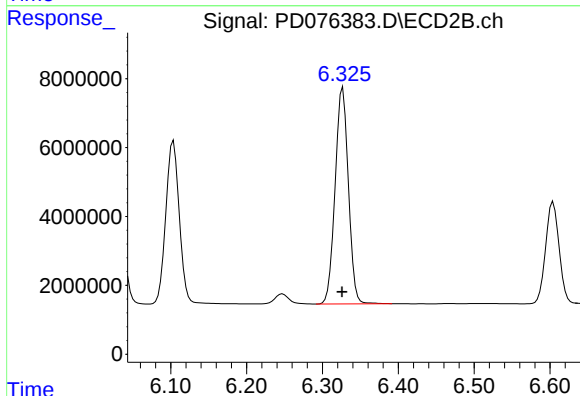
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 175704093
Conc: 47.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

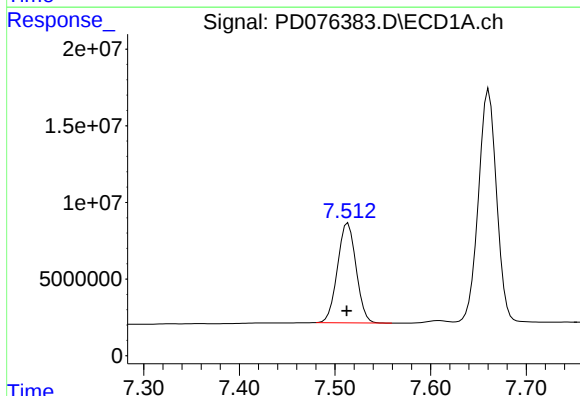
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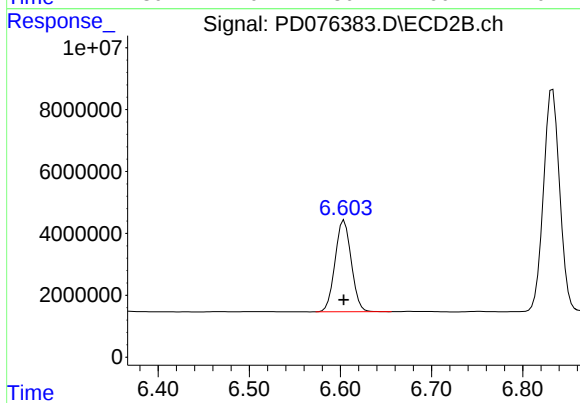
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 76338789
Conc: 50.24 ng/ml



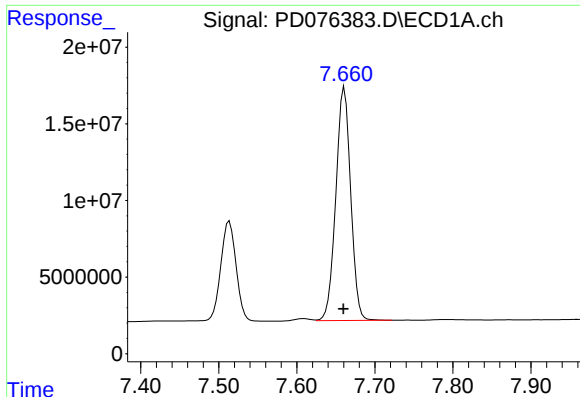
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.001 min
Response: 87956103
Conc: 46.02 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 36571466
Conc: 57.27 ng/ml



#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.001 min
Response: 201172506
Conc: 48.19 ng/ml

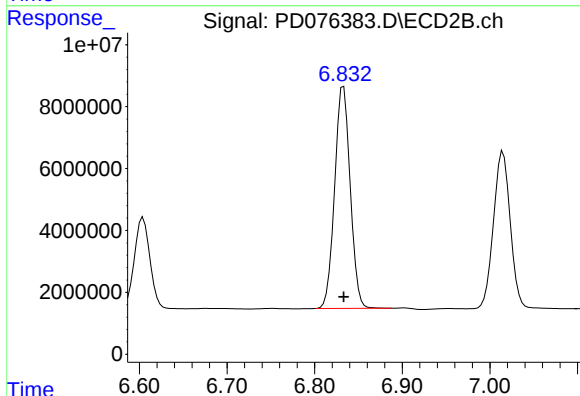
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ECD_D

ClientSampleId :
PSTDCCC050

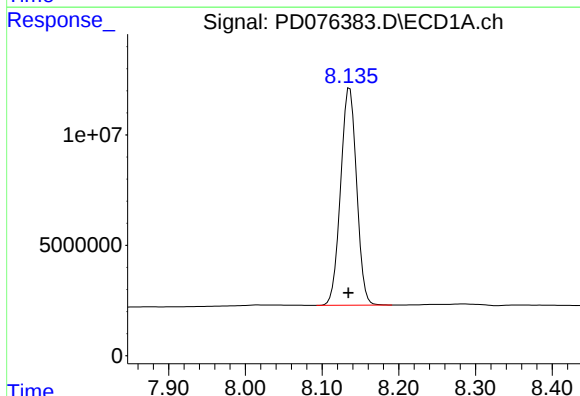
Manual Integrations
APPROVED

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



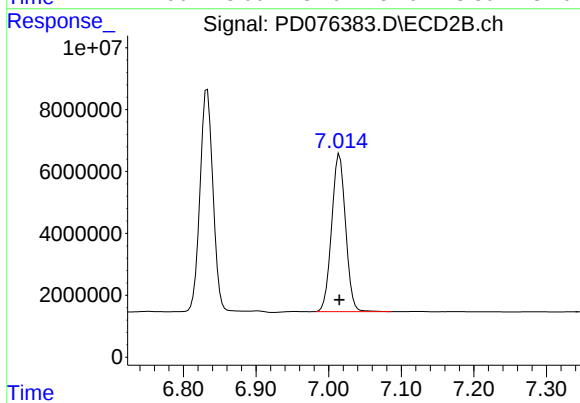
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 88663229
Conc: 50.73 ng/ml



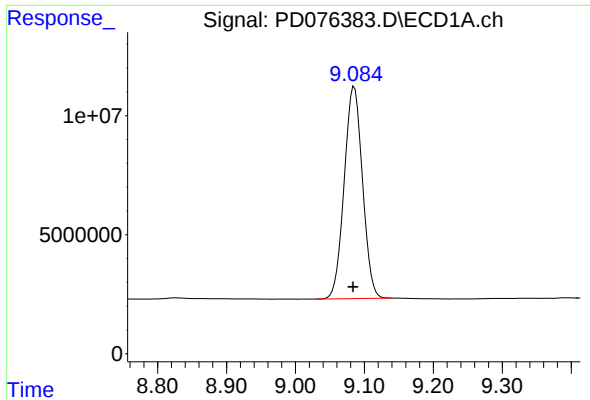
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.002 min
Response: 142961209
Conc: 45.24 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 67814097
Conc: 45.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 164326871
Conc: 46.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

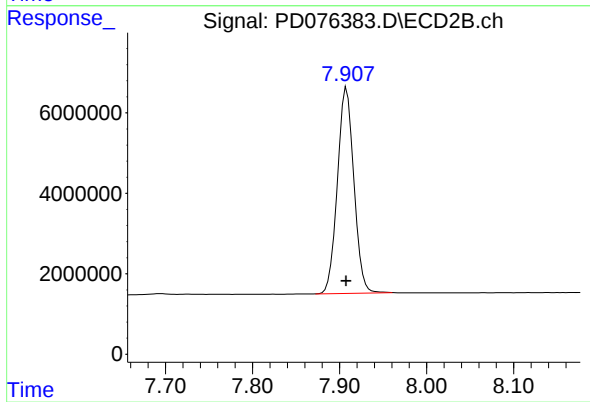
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 67363398
Conc: 53.53 ng/ml