

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
 Data File : PD075889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 10:41
 Operator : AR\AJ
 Sample : PB153534BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153534BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2023
 Supervised By : Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 13:23:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 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...	3.547	2.767	51731685	26483170	24.286	24.410
28)	SA Decachlor...	9.090	7.913	59996305	25433443	23.682	26.011
Target Compounds							
2)	A alpha-BHC	4.003	3.270	191.2E6	80810748	51.799	50.514
3)	MA gamma-BHC...	4.337	3.599	172.4E6	74379915	51.247	50.481
4)	MA Heptachlor	4.928	3.940	176.8E6	73048611	49.287	48.095
5)	MB Aldrin	5.271	4.220	173.8E6	73242474	49.611	49.117
6)	B beta-BHC	4.533	3.896	71535747	32149651	49.756	50.438
7)	B delta-BHC	4.782	4.127	170.3E6	74163107	51.249	51.183
8)	B Heptachlo...	5.698	4.723	155.5E6	66433133	48.256	48.363
9)	A Endosulfan I	6.086	5.093	144.9E6	62325669	48.297	48.760
10)	B gamma-Chl...	5.955	4.973	158.8E6	67447178	49.305	49.156
11)	B alpha-Chl...	6.035	5.037	155.7E6	66582887	48.149	48.538
12)	B 4,4'-DDE	6.207	5.227	143.3E6	60773337	50.142	54.448
13)	MA Dieldrin	6.361	5.358	151.2E6	65795340	48.387	48.767
14)	MA Endrin	6.592	5.634	126.0E6	56680172	47.108	46.574
15)	B Endosulfa...	6.811	5.928	121.1E6	53652314	46.878	49.731
16)	A 4,4'-DDD	6.725	5.782	117.6E6	51645098	51.657	58.603
17)	MA 4,4'-DDT	7.041	6.033	113.3E6	45711265	49.924	56.274
18)	B Endrin al...	6.940	6.107	96507624	43072994	48.095m	49.767
19)	B Endosulfa...	7.176	6.331	119.0E6	54219708	47.217	50.175
20)	A Methoxychlor	7.516	6.609	60633323	24802977	46.843	53.588
21)	B Endrin ke...	7.663	6.837	132.6E6	61961315	47.578	50.999
22)	Mirex	8.139	7.020	95848806	48251749	44.736	46.032

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061923\
Data File : PD075889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 10:41
Operator : AR\AJ
Sample : PB153534BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

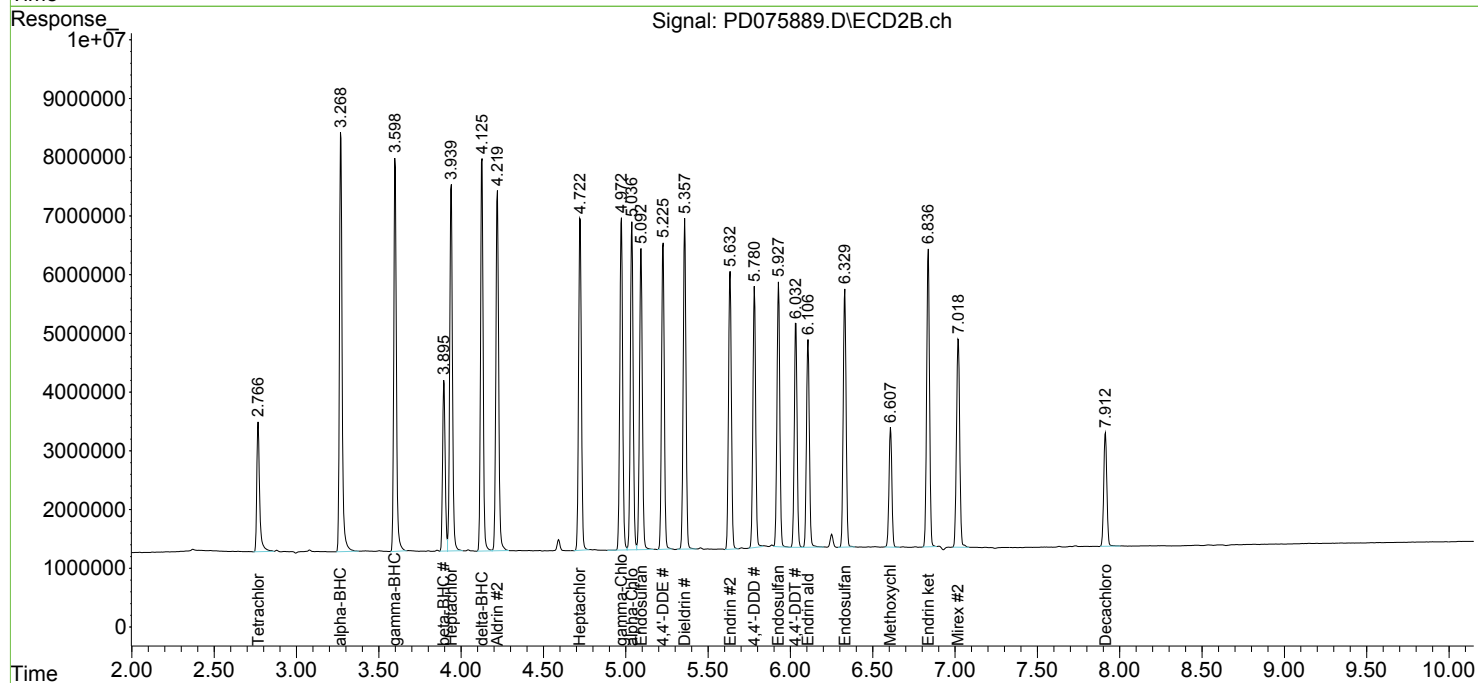
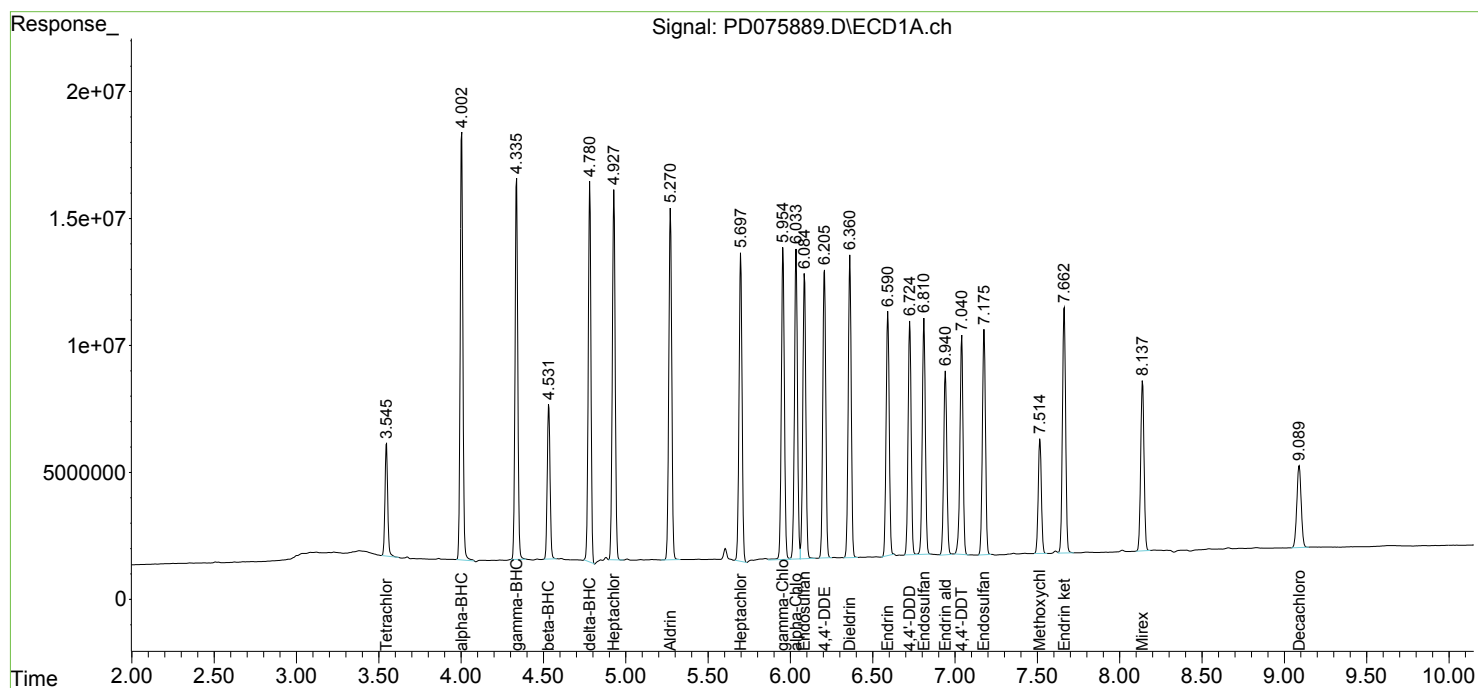
Instrument :
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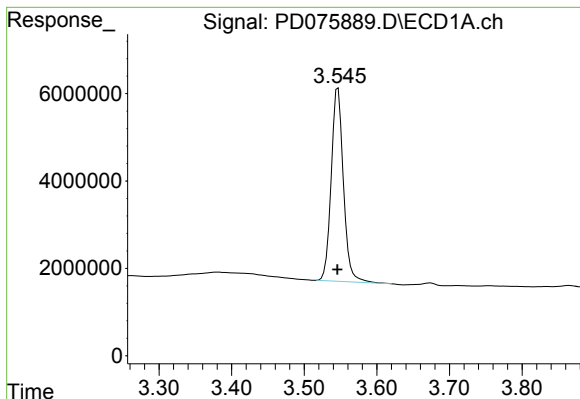
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 13:23:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 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





#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 51731685
Conc: 24.29 ng/ml

Instrument :

ECD_D

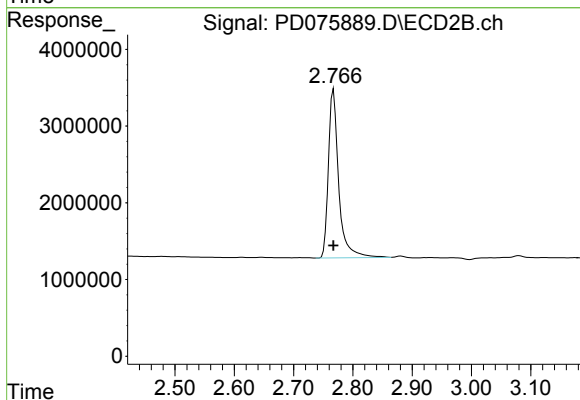
ClientSampleId :

PB153534BS

Manual Integrations

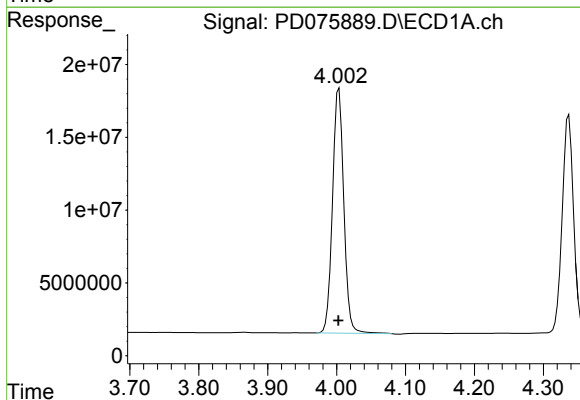
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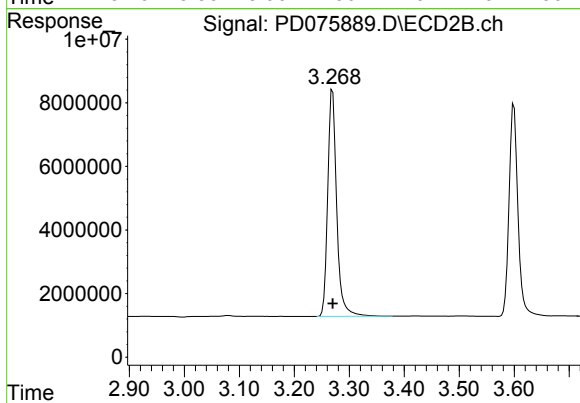
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 26483170
Conc: 24.41 ng/ml



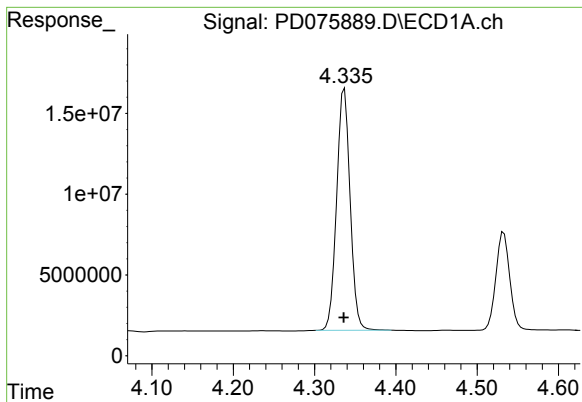
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 191247557
Conc: 51.80 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 80810748
Conc: 50.51 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 172441373
Conc: 51.25 ng/ml

Instrument :

ECD_D

ClientSampleId :

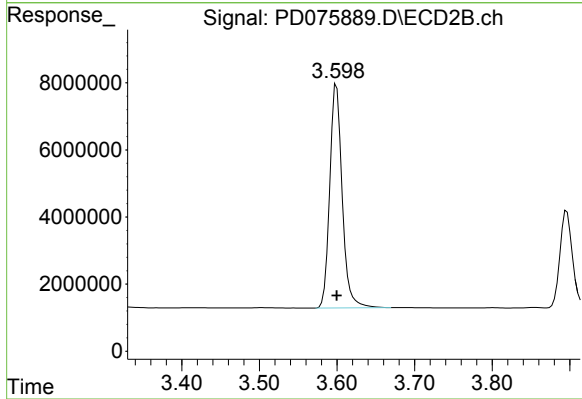
PB153534BS

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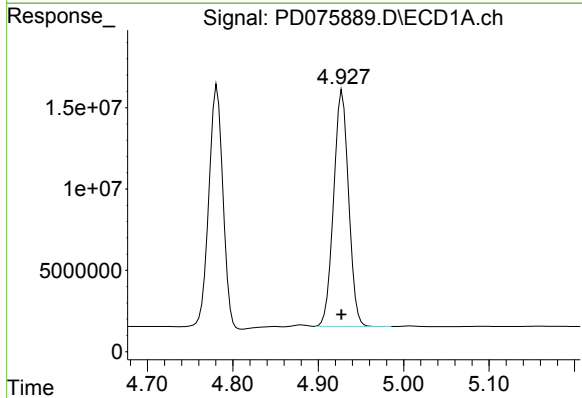
Reviewed By :Abdul Mirza 06/20/2023

Supervised By :Ankita Jodhani 06/20/2023



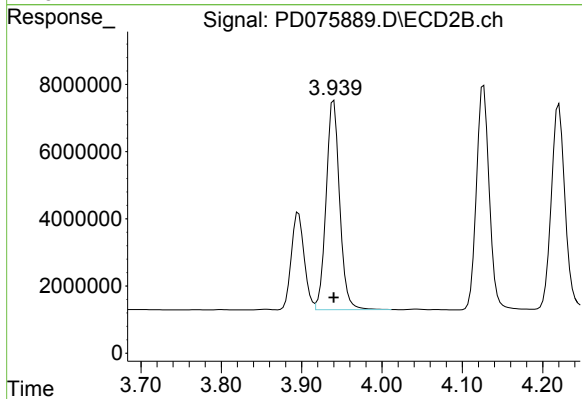
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 74379915
Conc: 50.48 ng/ml



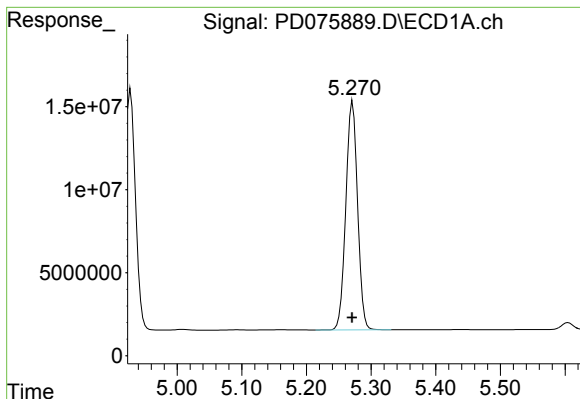
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 176773514
Conc: 49.29 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 73048611
Conc: 48.09 ng/ml



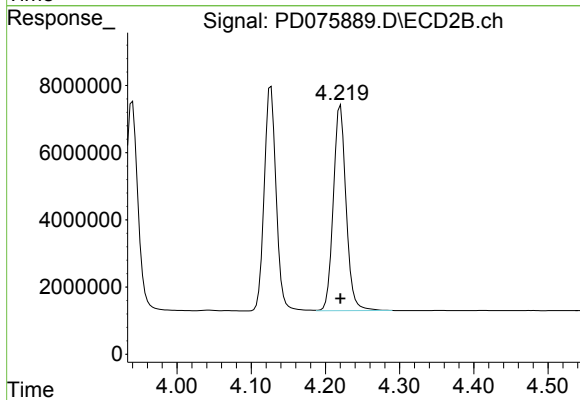
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 173849090
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153534BS

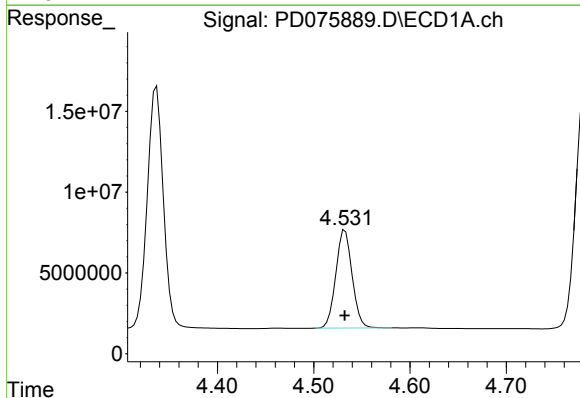
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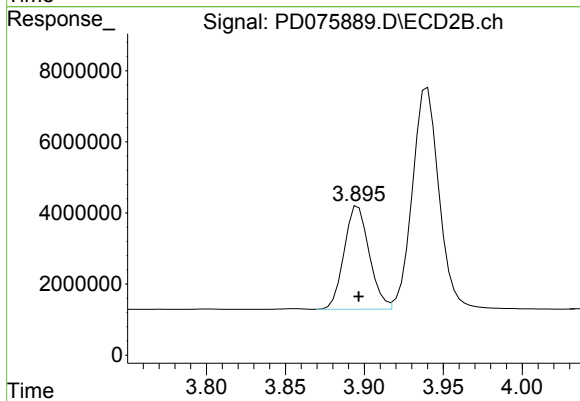
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 73242474
Conc: 49.12 ng/ml



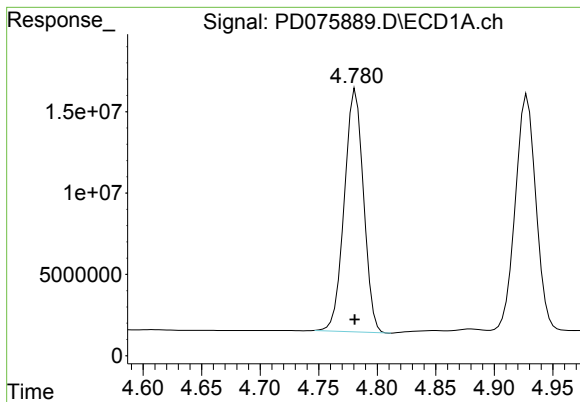
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 71535747
Conc: 49.76 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 32149651
Conc: 50.44 ng/ml



#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 170332569
Conc: 51.25 ng/ml

Instrument :

ECD_D

ClientSampleId :

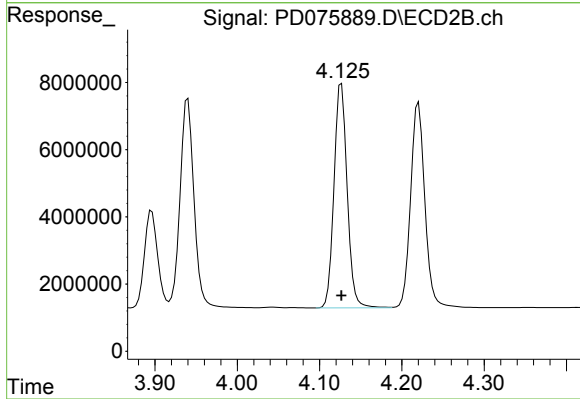
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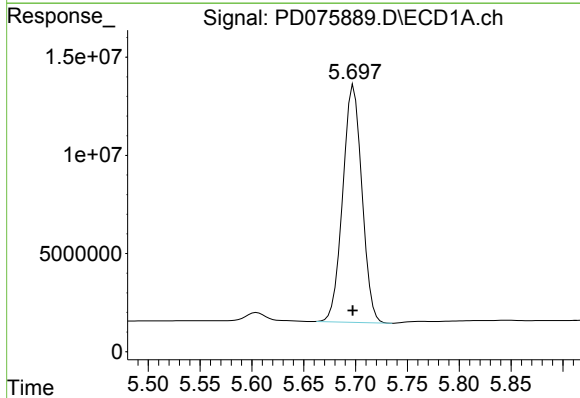
Reviewed By :Abdul Mirza 06/20/2023

Supervised By :Ankita Jodhani 06/20/2023



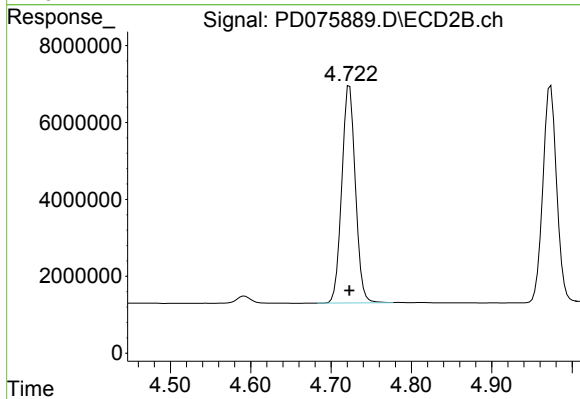
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 74163107
Conc: 51.18 ng/ml



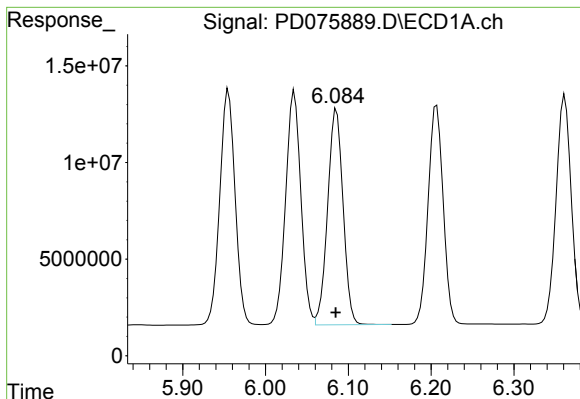
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 155494058
Conc: 48.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 66433133
Conc: 48.36 ng/ml



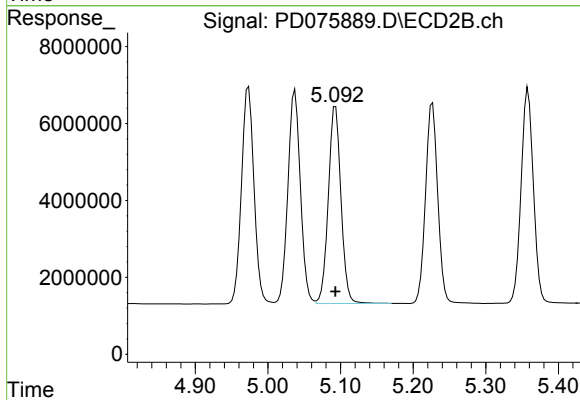
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 144867458
Conc: 48.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153534BS

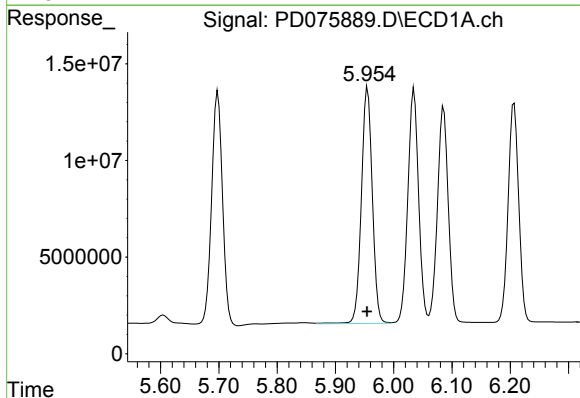
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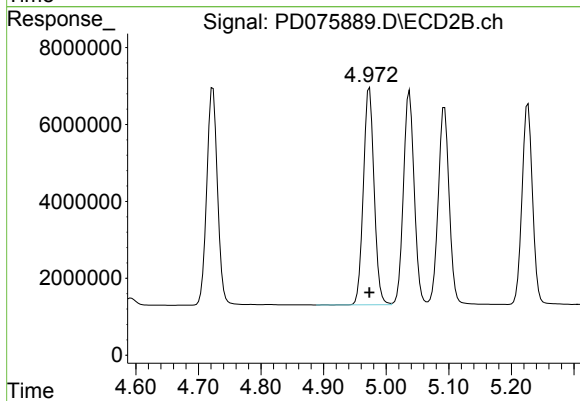
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 62325669
Conc: 48.76 ng/ml



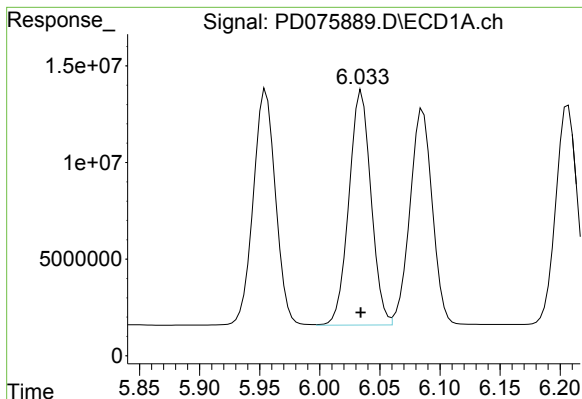
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 158828924
Conc: 49.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 67447178
Conc: 49.16 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 155660584
Conc: 48.15 ng/ml

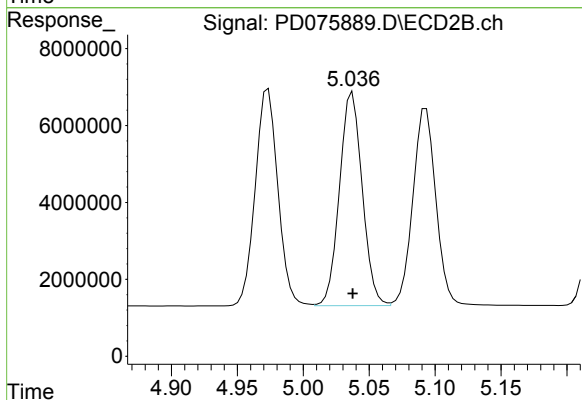
Instrument :

ECD_D

ClientSampleId :
PB153534BS

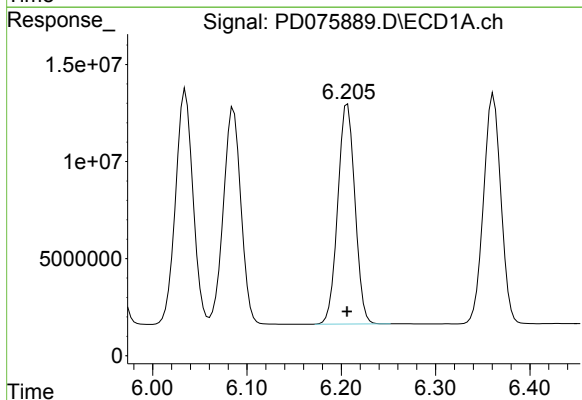
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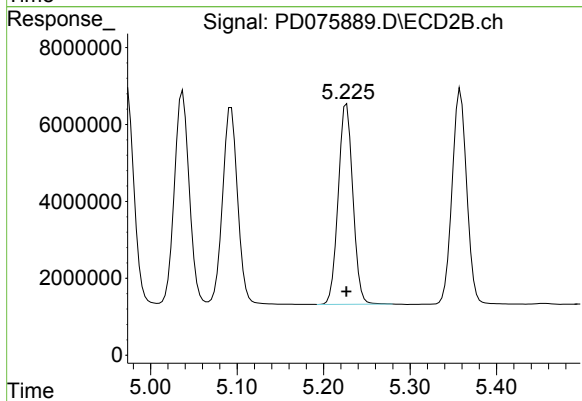
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 66582887
Conc: 48.54 ng/ml



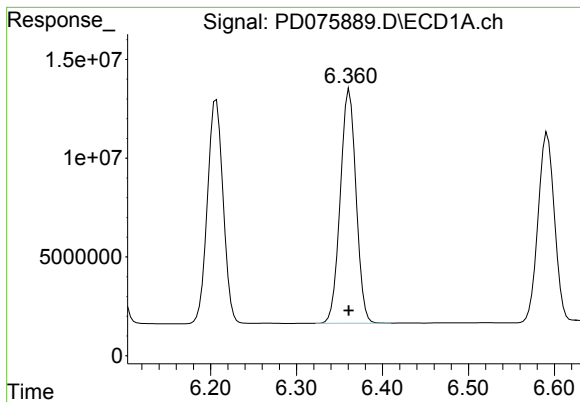
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 143312088
Conc: 50.14 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 60773337
Conc: 54.45 ng/ml



#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 151206790
Conc: 48.39 ng/ml

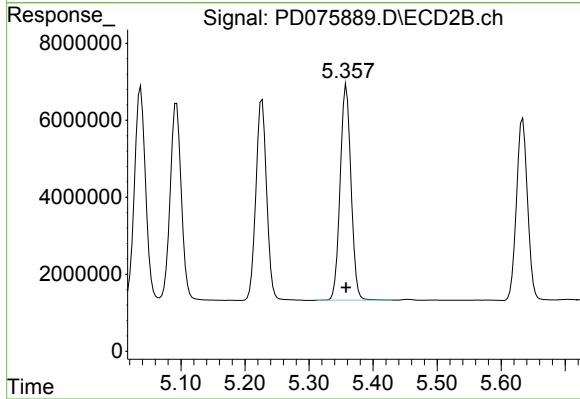
Instrument :

ECD_D

ClientSampleId :
PB153534BS

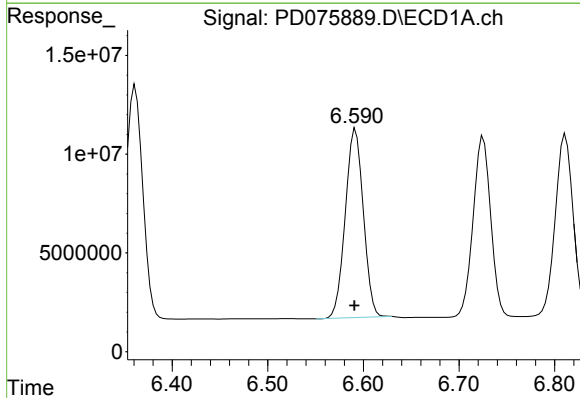
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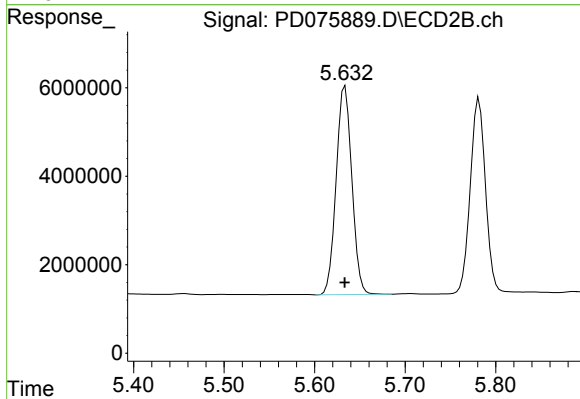
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 65795340
Conc: 48.77 ng/ml



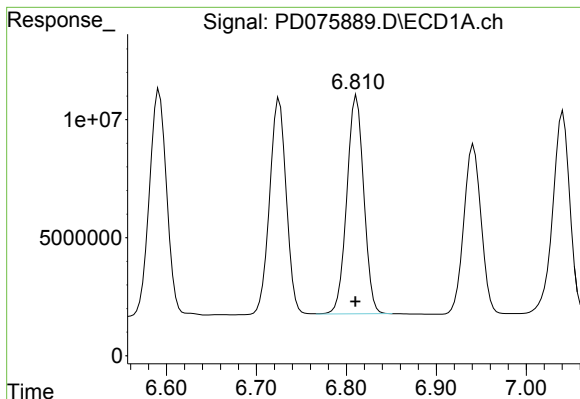
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 125983837
Conc: 47.11 ng/ml



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 56680172
Conc: 46.57 ng/ml



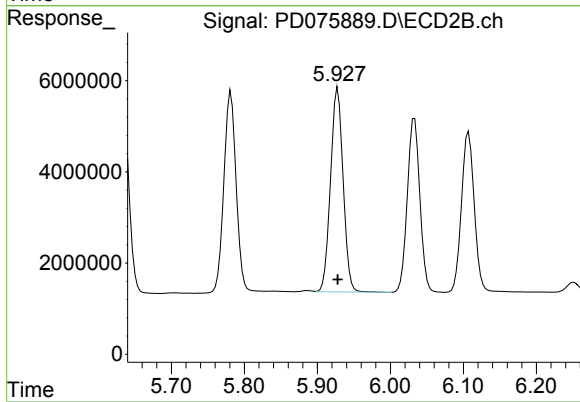
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.001 min
Response: 121114481
Conc: 46.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153534BS

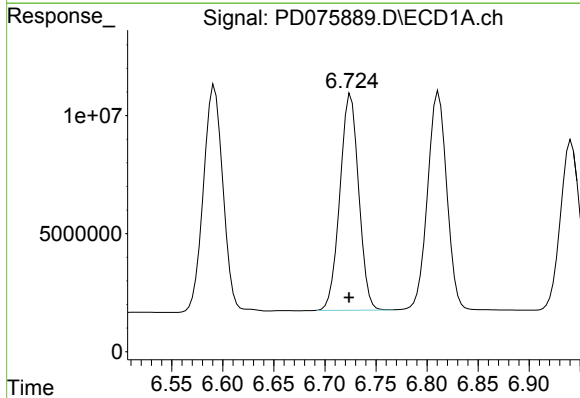
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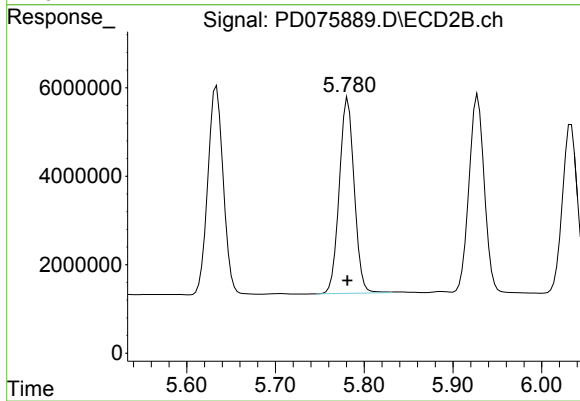
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 53652314
Conc: 49.73 ng/ml



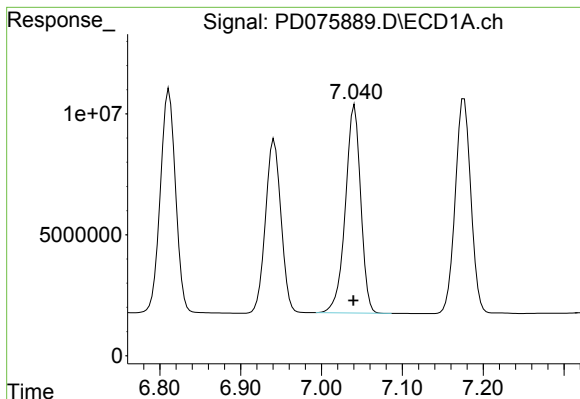
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 117552343
Conc: 51.66 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 51645098
Conc: 58.60 ng/ml



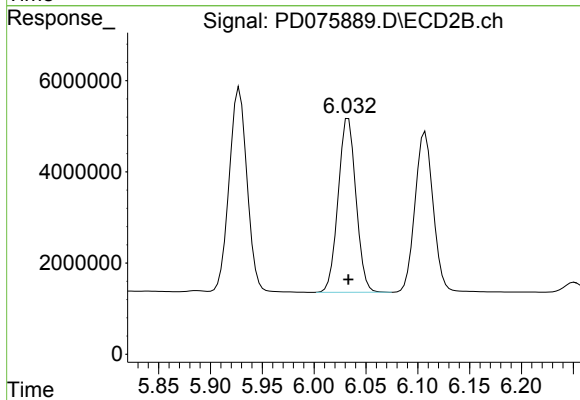
#17 4,4'-DDT

R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 113290030
Conc: 49.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153534BS

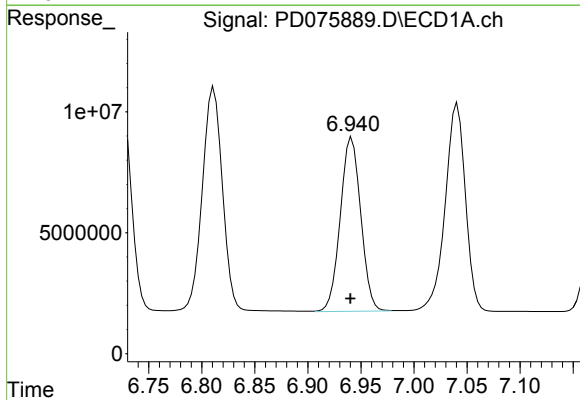
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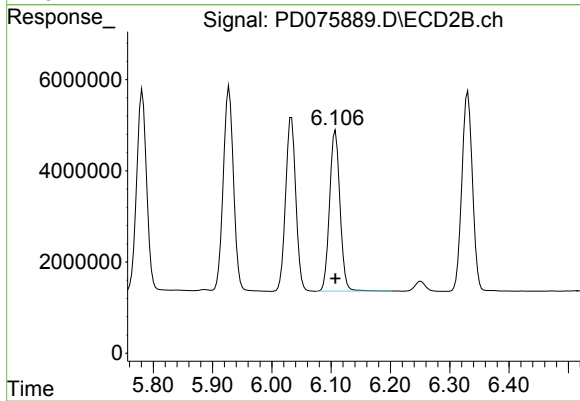
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 45711265
Conc: 56.27 ng/ml



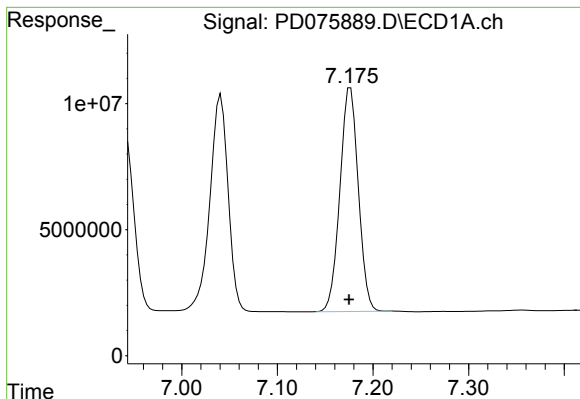
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 96507624
Conc: 48.10 ng/ml m



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 43072994
Conc: 49.77 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.001 min
Response: 118955927
Conc: 47.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

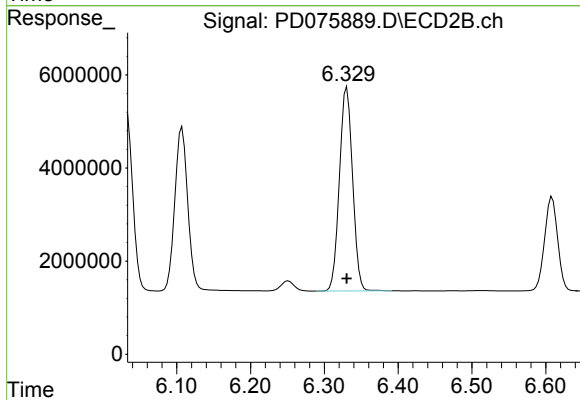
PB153534BS

Manual Integrations

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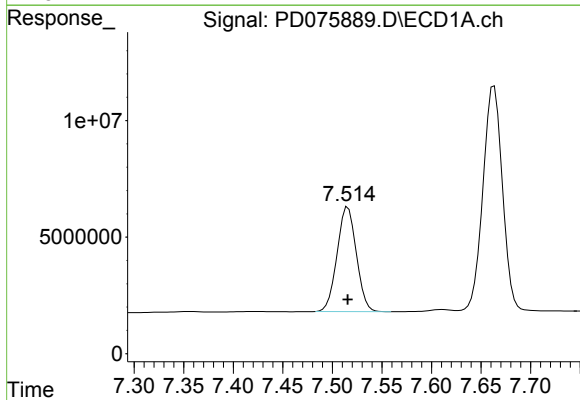
Reviewed By :Abdul Mirza 06/20/2023

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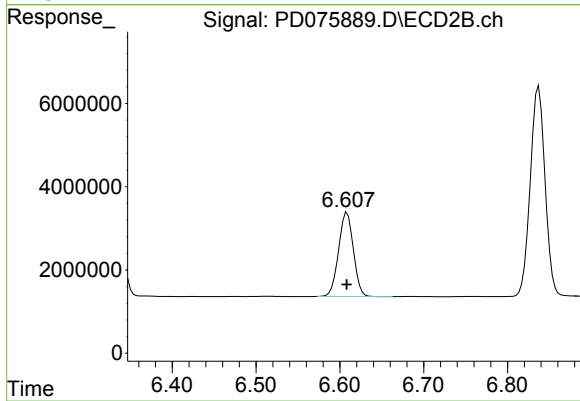
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 54219708
Conc: 50.18 ng/ml



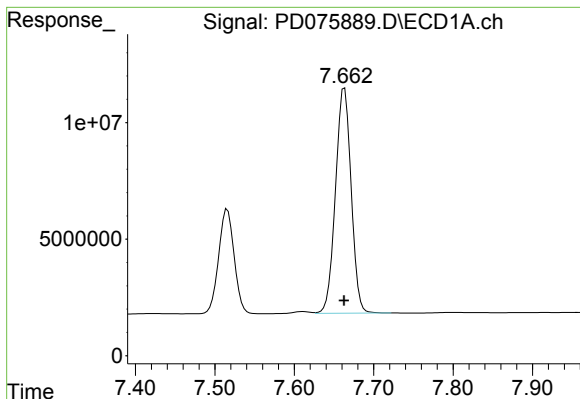
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 60633323
Conc: 46.84 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 24802977
Conc: 53.59 ng/ml



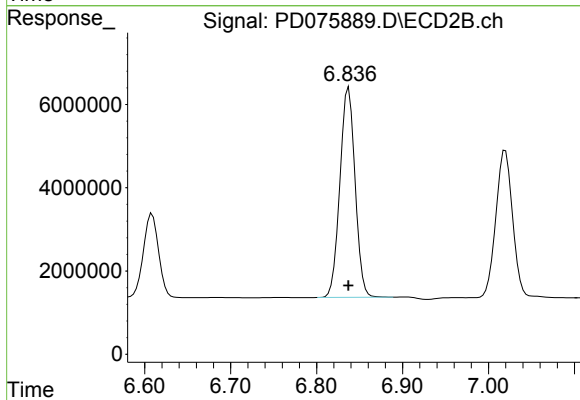
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 132550808
Conc: 47.58 ng/ml

Instrument :
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ClientSampleId :
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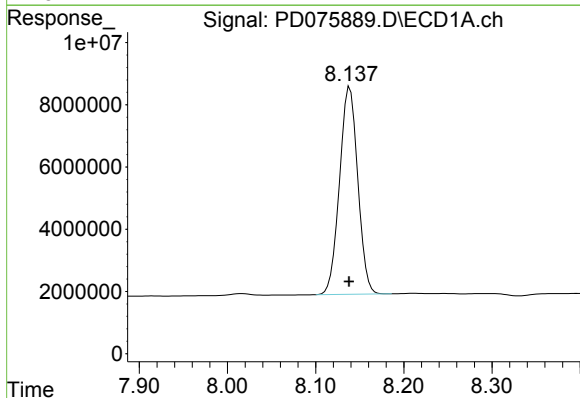
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Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



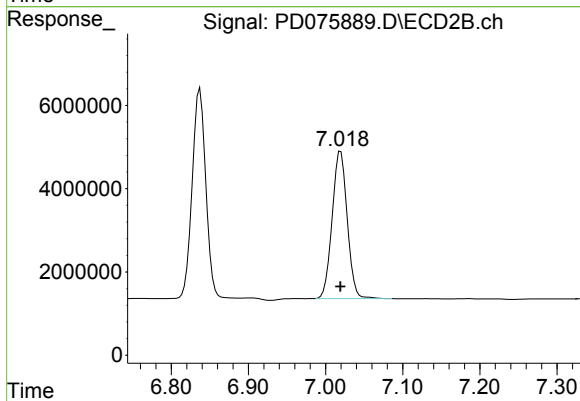
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 61961315
Conc: 51.00 ng/ml



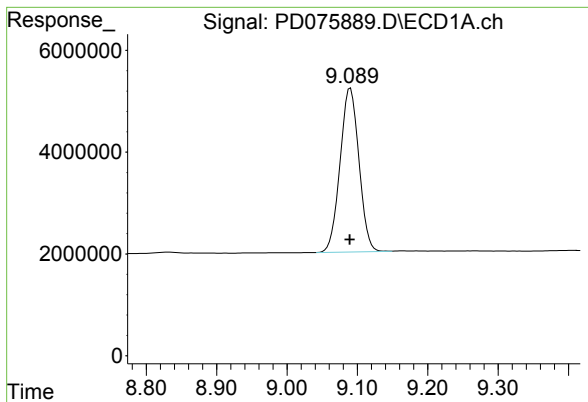
#22 Mirex

R.T.: 8.139 min
Delta R.T.: 0.001 min
Response: 95848806
Conc: 44.74 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 48251749
Conc: 46.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 59996305
Conc: 23.68 ng/ml

Instrument :

ECD_D

ClientSampleId :

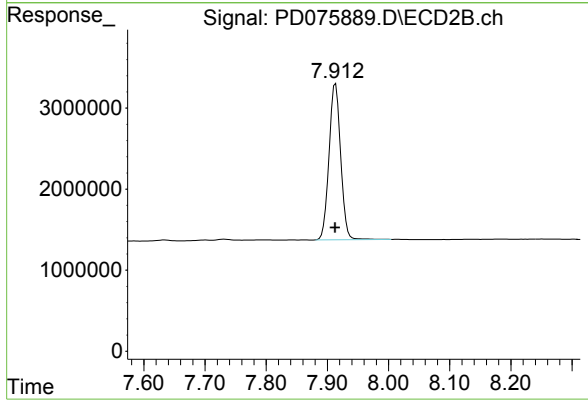
PB153534BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/20/2023

Supervised By :Ankita Jodhani 06/20/2023



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 25433443
Conc: 26.01 ng/ml