

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 07:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2023
 Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 08:01:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.540	2.757	149.0E6	107.5E6	51.632	52.646
28)	SA Decachlor...	9.078	7.893	184.1E6	114.3E6	49.640	50.367
Target Compounds							
2)	A alpha-BHC	3.997	3.258	255.3E6	162.2E6	52.571	54.124
3)	MA gamma-BHC...	4.330	3.588	245.5E6	156.2E6	52.484	53.909
4)	MA Heptachlor	4.920	3.926	239.9E6	152.7E6	51.034	51.747
5)	MB Aldrin	5.263	4.206	251.4E6	160.6E6	52.032	54.125
6)	B beta-BHC	4.528	3.885	94575885	61881414	50.921	53.542
7)	B delta-BHC	4.776	4.115	245.3E6	157.1E6	54.464	54.915
8)	B Heptachlo...	5.690	4.708	216.6E6	142.4E6	51.575	52.687
9)	A Endosulfan I	6.077	5.078	197.8E6	126.2E6	50.627	50.196
10)	B gamma-Chl...	5.948	4.958	215.9E6	142.5E6	51.411	53.010
11)	B alpha-Chl...	6.026	5.022	213.2E6	141.0E6	50.600	52.527
12)	B 4,4'-DDE	6.199	5.210	203.9E6	138.9E6	50.953	54.575
13)	MA Dieldrin	6.353	5.342	214.3E6	146.3E6	51.077	52.401
14)	MA Endrin	6.584	5.618	169.5E6	130.6E6	50.467	52.794
15)	B Endosulfa...	6.803	5.912	173.5E6	124.1E6	48.192	52.112
16)	A 4,4'-DDD	6.718	5.765	154.4E6	111.4E6	51.904	56.283
17)	MA 4,4'-DDT	7.032	6.016	149.8E6	107.8E6	50.610	52.942
18)	B Endrin al...	6.933	6.092	131.0E6	94107530	49.052m	50.763
19)	B Endosulfa...	7.169	6.314	160.9E6	115.6E6	50.085	52.107
20)	A Methoxychlor	7.509	6.591	81884247	56670177	49.064	51.942
21)	B Endrin ke...	7.656	6.821	184.7E6	136.6E6	51.403	52.051
22)	Mirex	8.129	7.001	133.6E6	102.8E6	50.018	50.446

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 07:23
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

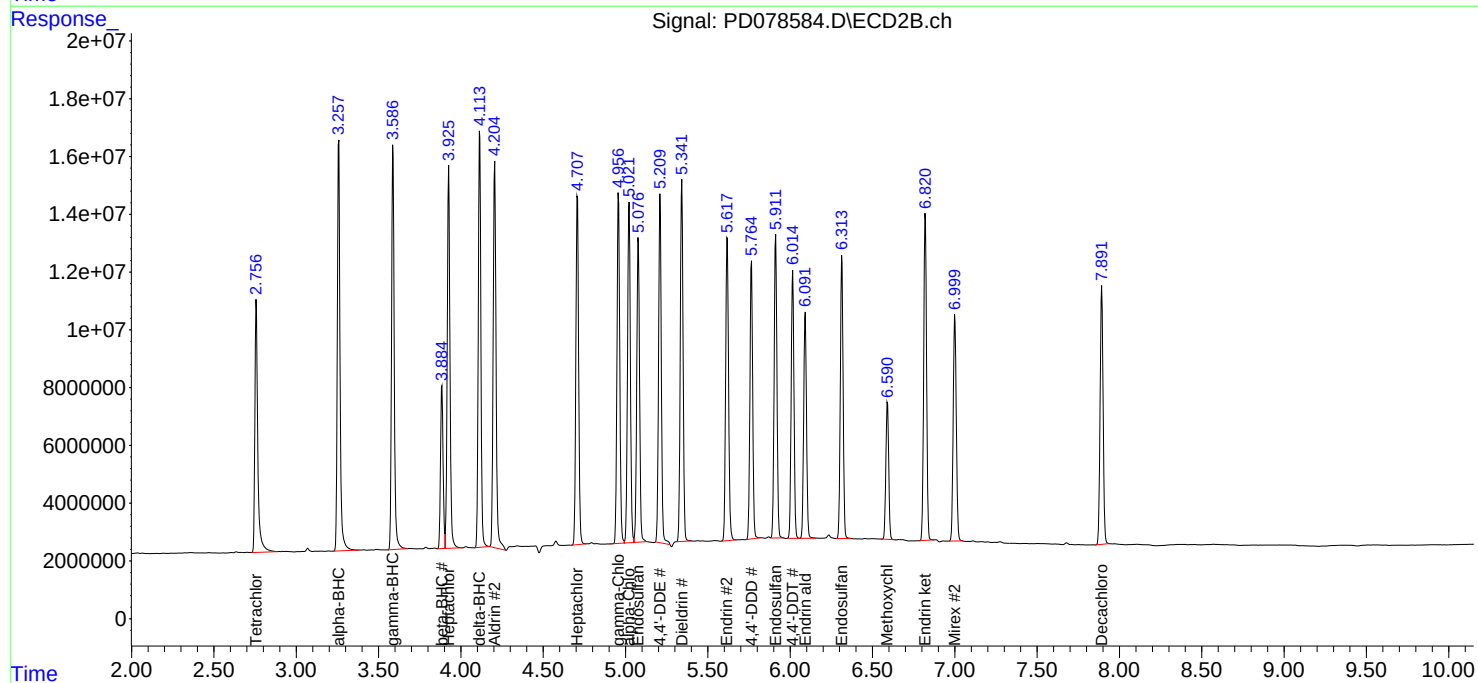
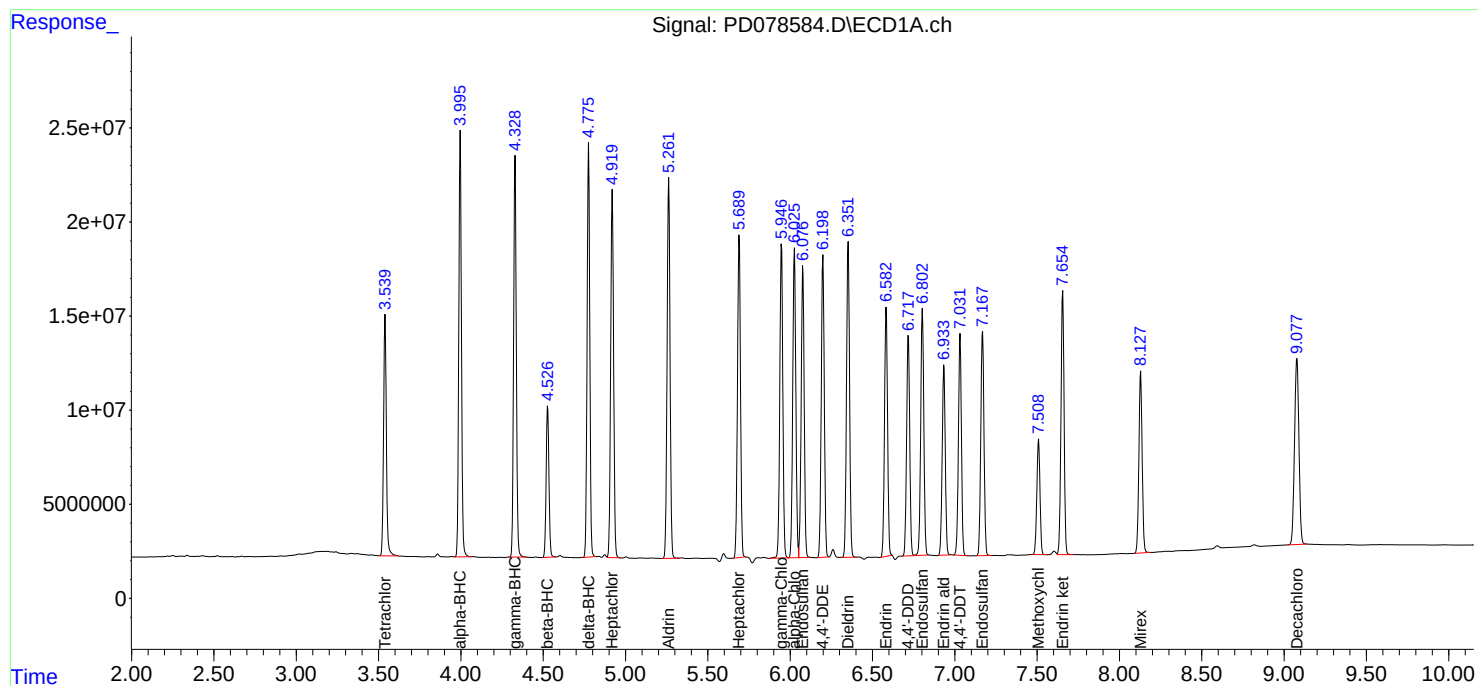
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

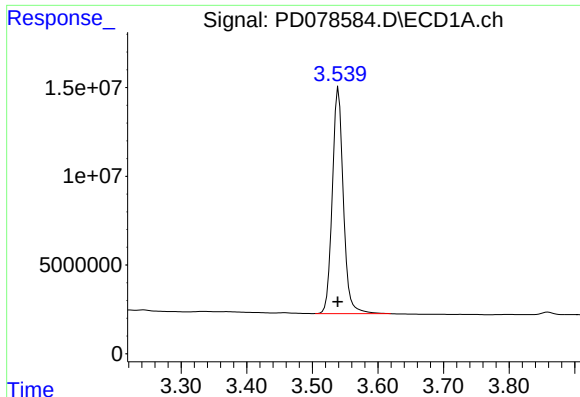
Manual Integrations
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Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 08:01:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 2023
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Volume Inj. : 1 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





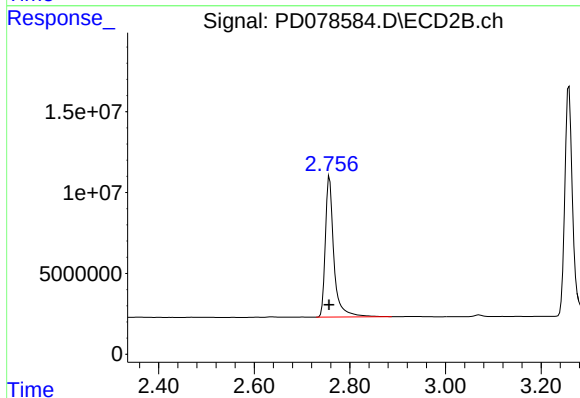
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 149049342
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

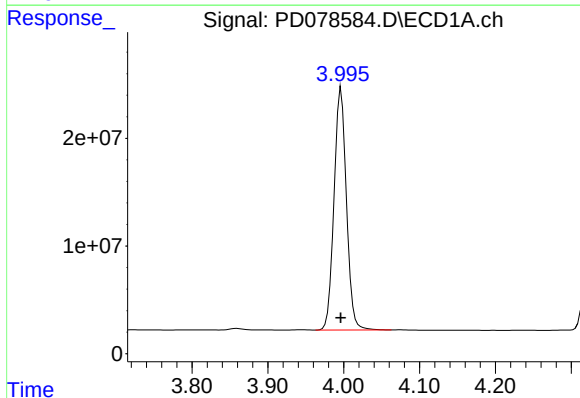
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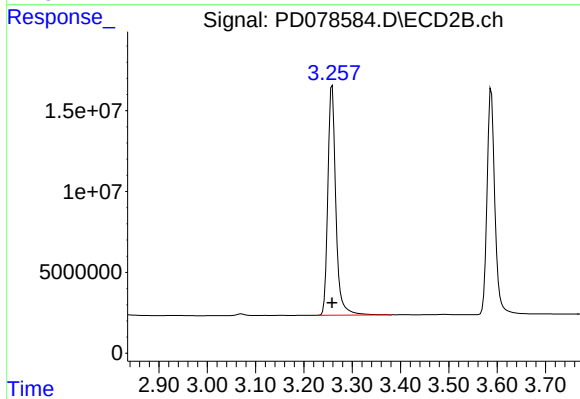
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 107522007
Conc: 52.65 ng/ml



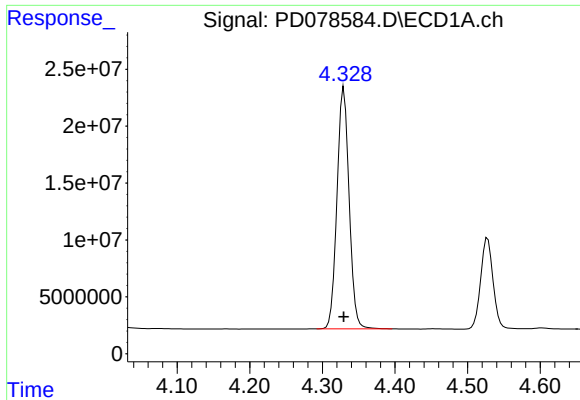
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 255303104
Conc: 52.57 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 162239577
Conc: 54.12 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 245523830
Conc: 52.48 ng/ml

Instrument :

ECD_D

ClientSampleId :

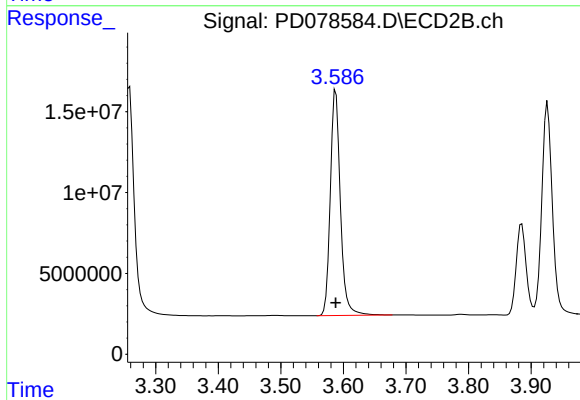
PSTDCCC050

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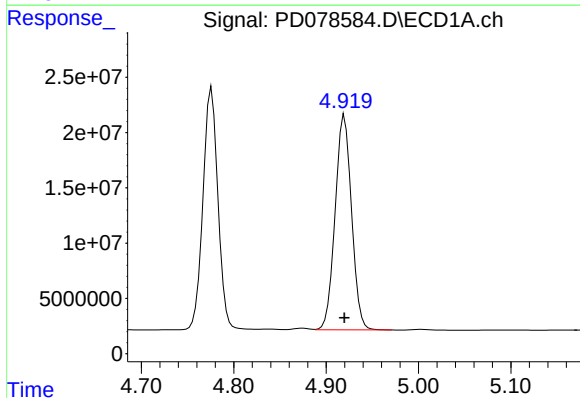
Reviewed By :Abdul Mirza 10/03/2023

Supervised By :Ankita Jodhani 10/03/2023



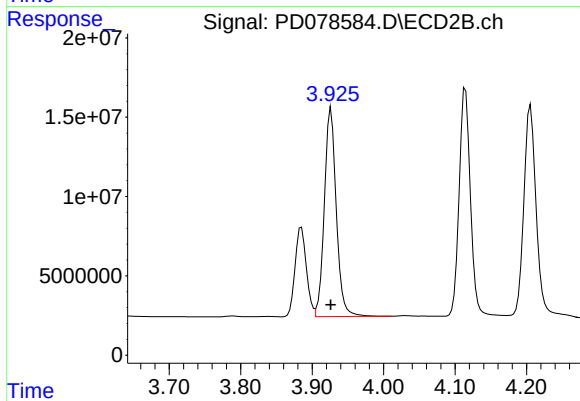
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 156183423
Conc: 53.91 ng/ml



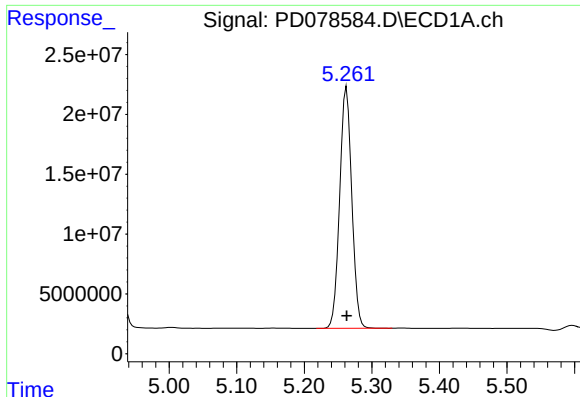
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 239932771
Conc: 51.03 ng/ml



#4 Heptachlor

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 152678616
Conc: 51.75 ng/ml



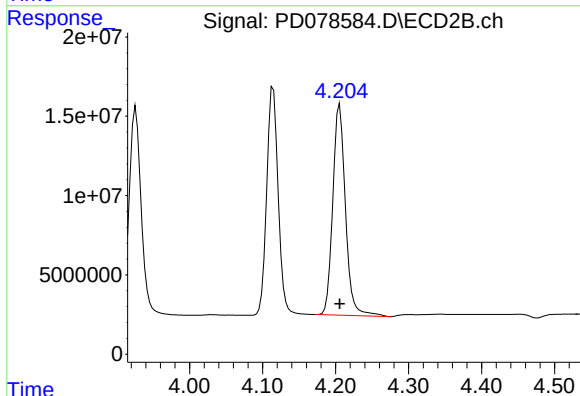
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 251367969
Conc: 52.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

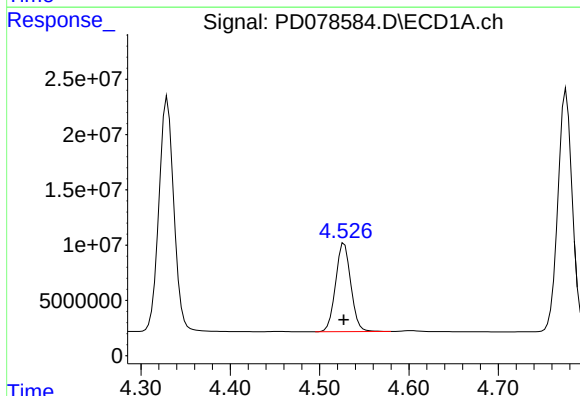
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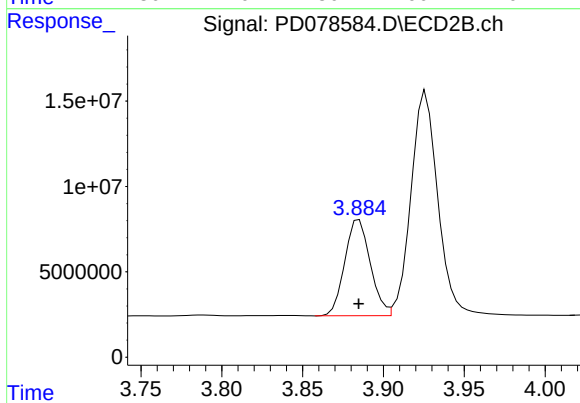
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 160584132
Conc: 54.12 ng/ml



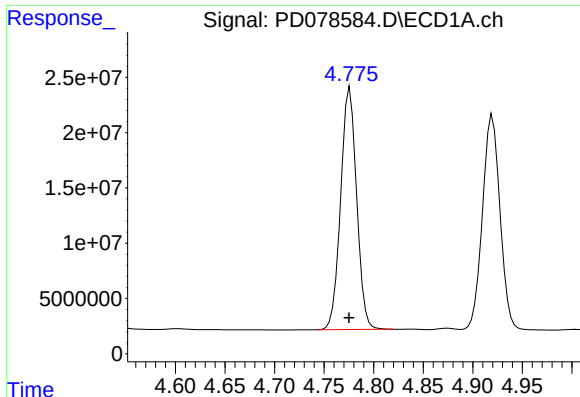
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 94575885
Conc: 50.92 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 61881414
Conc: 53.54 ng/ml



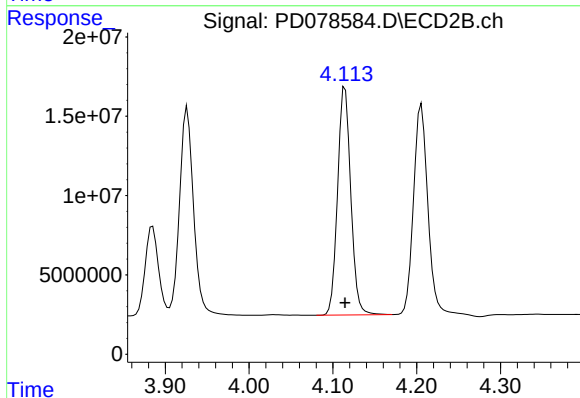
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 245312444
Conc: 54.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

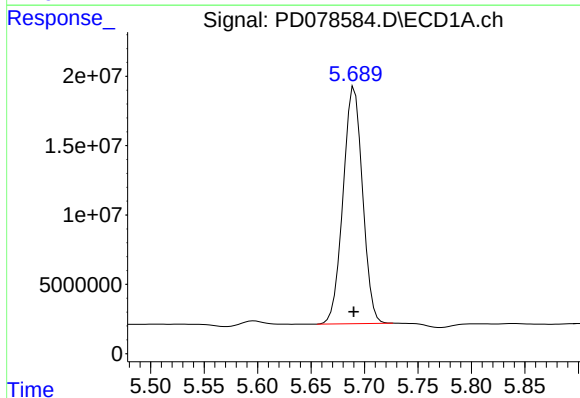
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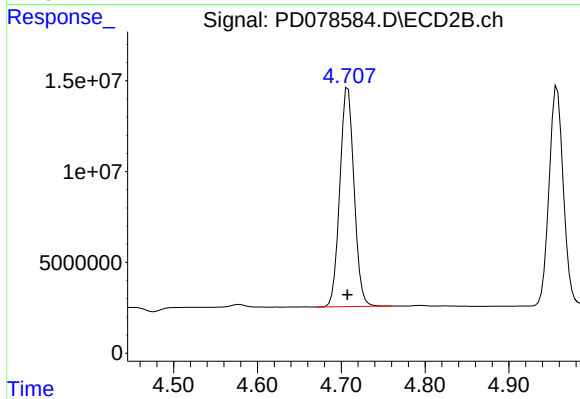
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 157123267
Conc: 54.92 ng/ml



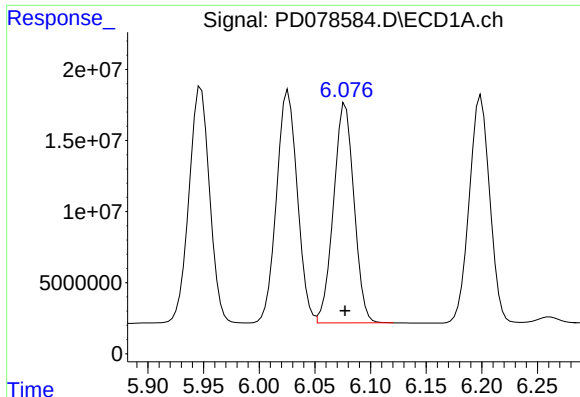
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 216617266
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 142398274
Conc: 52.69 ng/ml



#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 197792673
Conc: 50.63 ng/ml

Instrument :

ECD_D

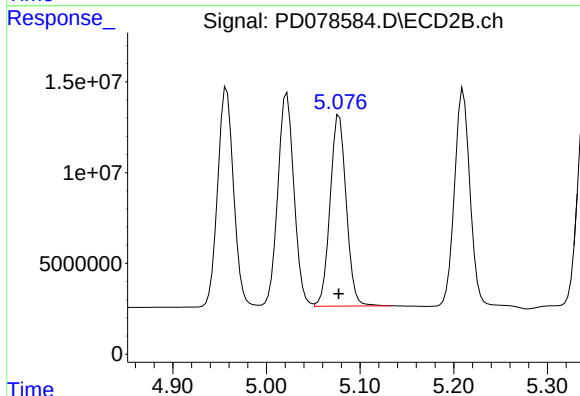
ClientSampleId :

PSTDCCC050

Manual Integrations

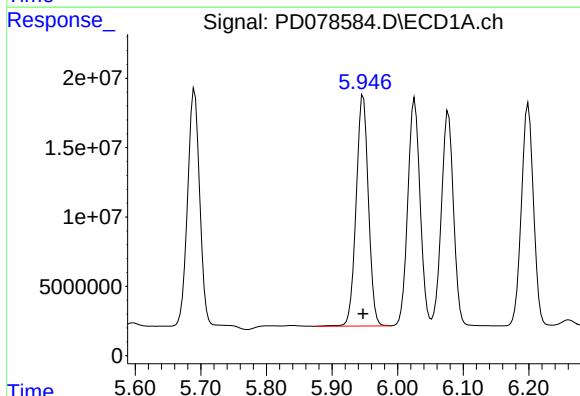
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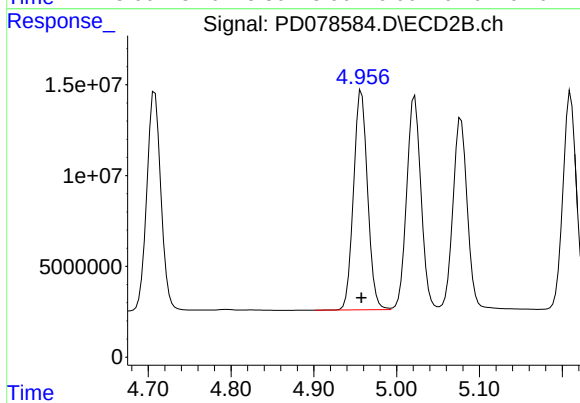
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 126227272
Conc: 50.20 ng/ml



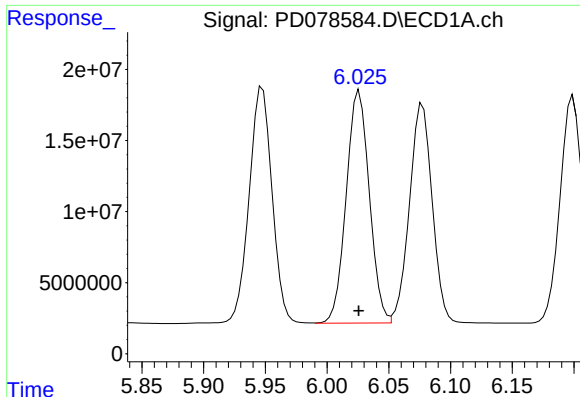
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 215882576
Conc: 51.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 142456842
Conc: 53.01 ng/ml



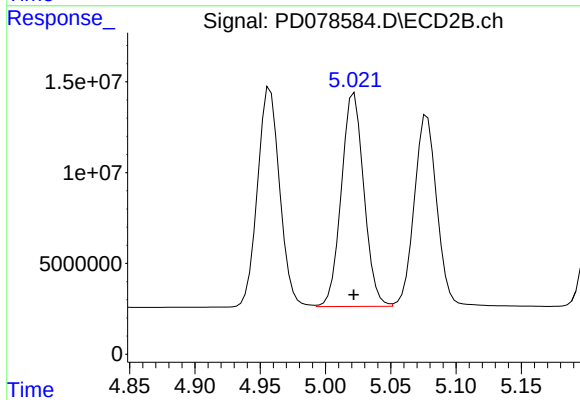
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 213187815
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

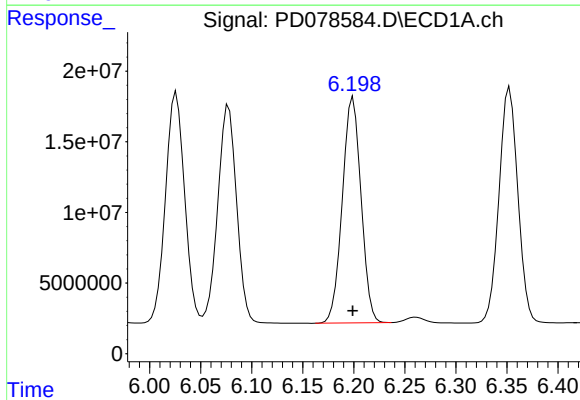
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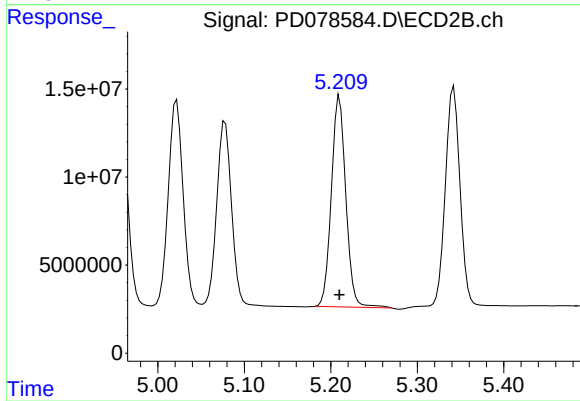
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 141044639
Conc: 52.53 ng/ml



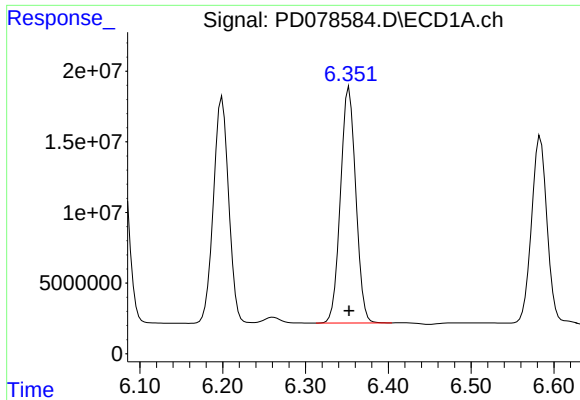
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 203942662
Conc: 50.95 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 138859540
Conc: 54.58 ng/ml



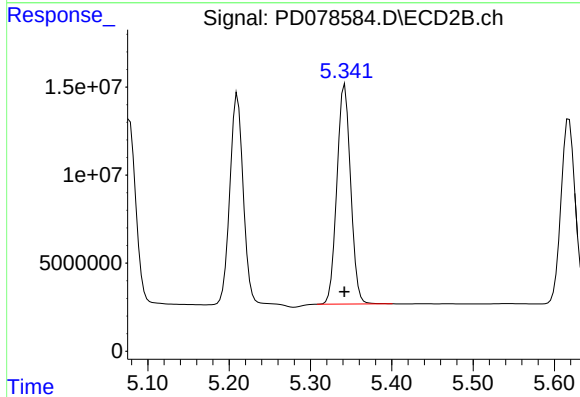
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 214280786
Conc: 51.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

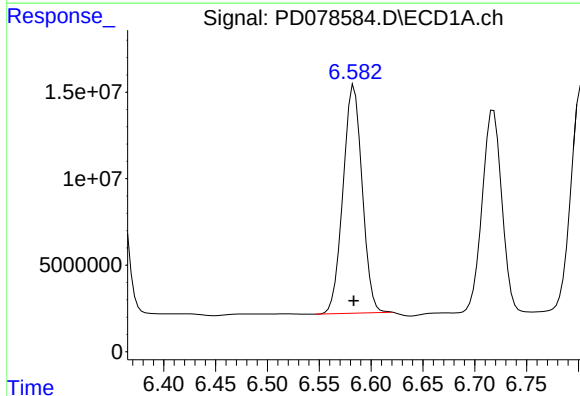
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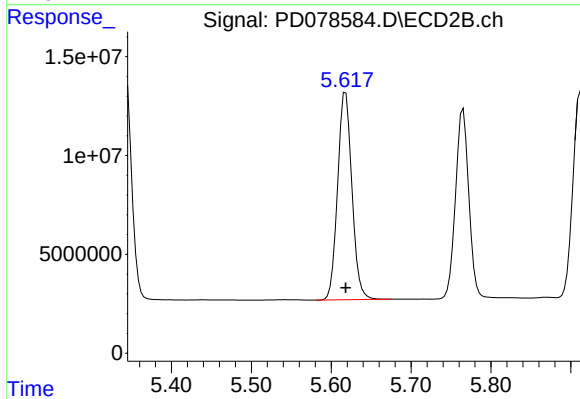
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 146283972
Conc: 52.40 ng/ml



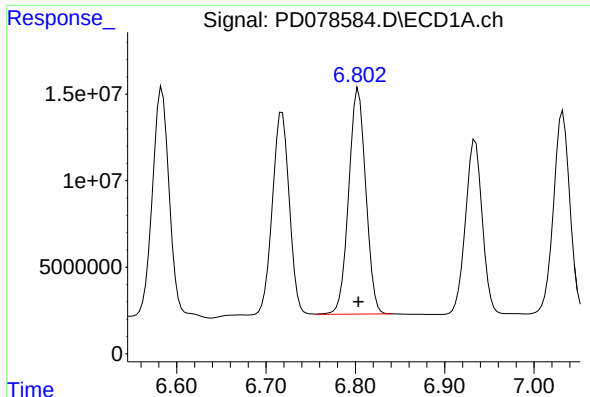
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 169485203
Conc: 50.47 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 130622976
Conc: 52.79 ng/ml



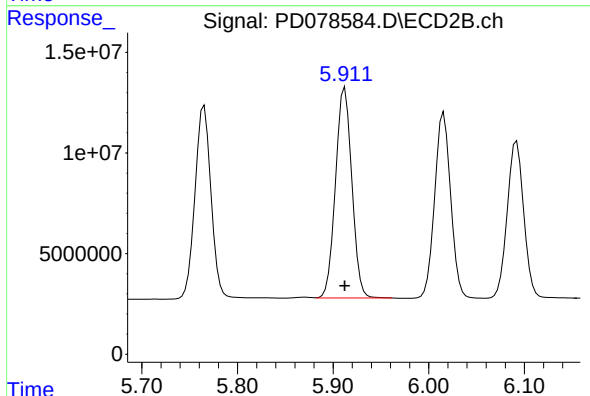
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 173464267
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
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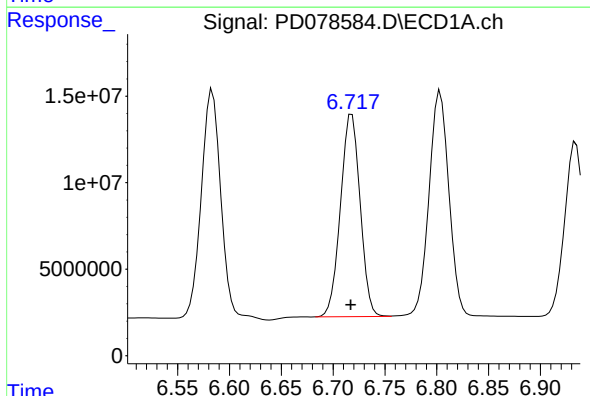
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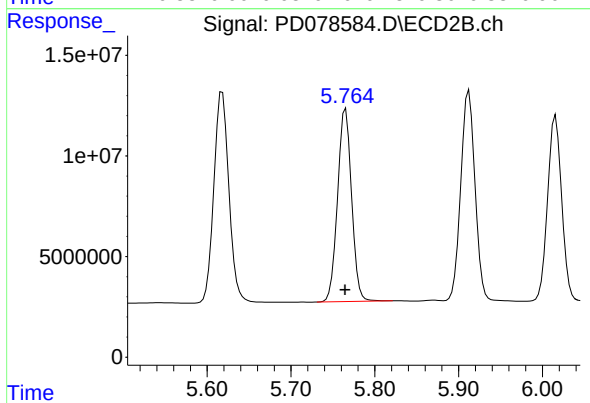
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 124056880
Conc: 52.11 ng/ml



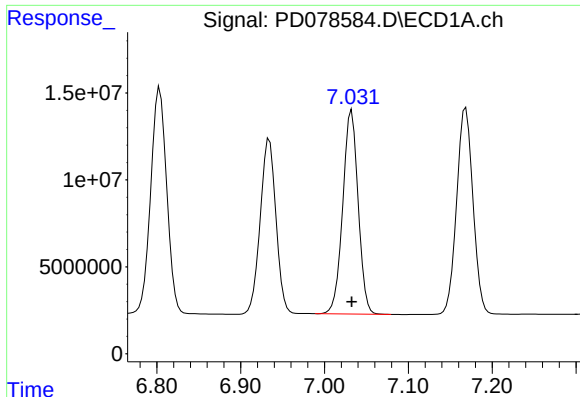
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 154442468
Conc: 51.90 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 111374415
Conc: 56.28 ng/ml



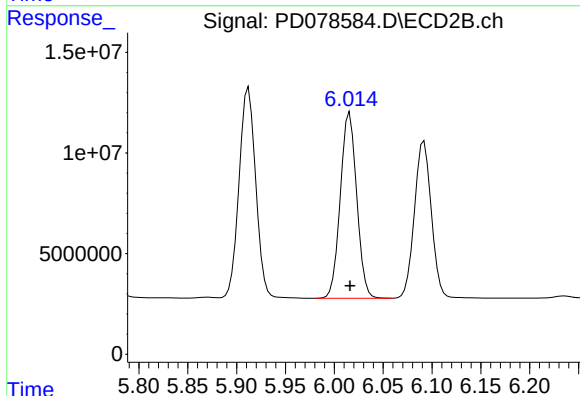
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 149770678
Conc: 50.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

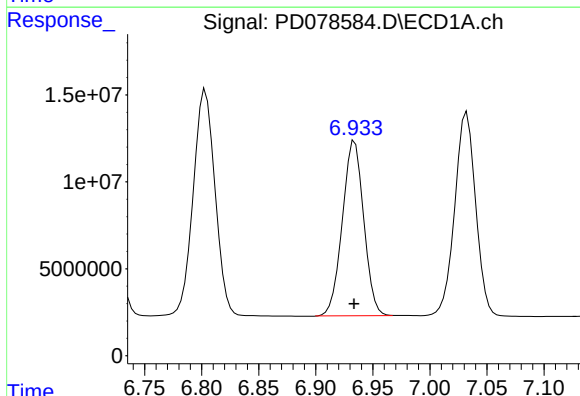
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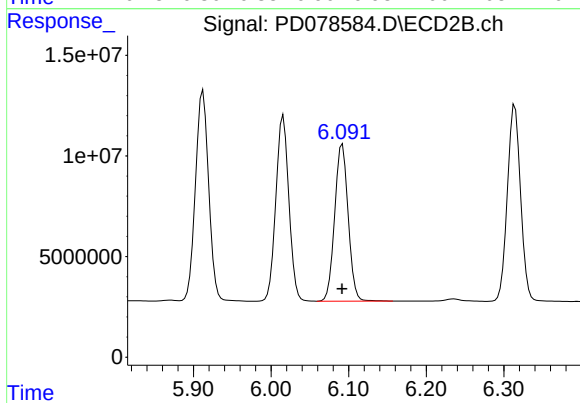
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 107763351
Conc: 52.94 ng/ml



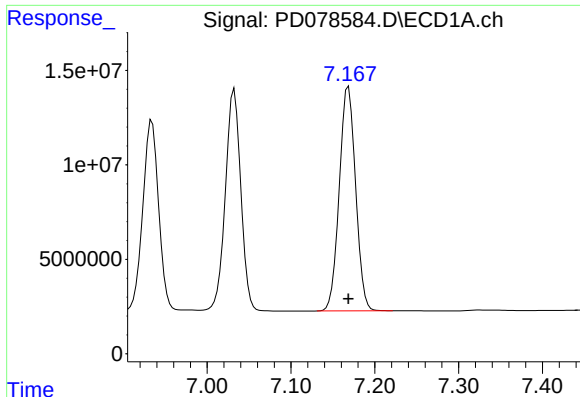
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 131045259
Conc: 49.05 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 94107530
Conc: 50.76 ng/ml



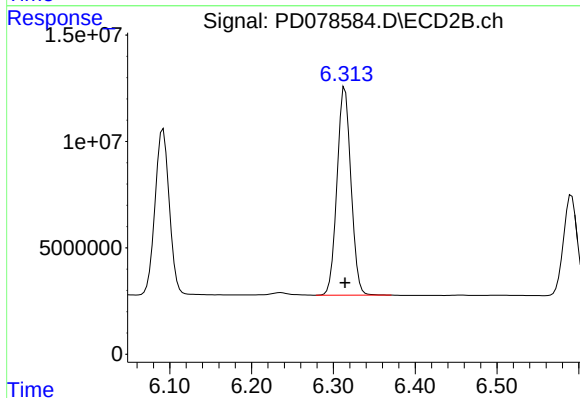
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 160920610
Conc: 50.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

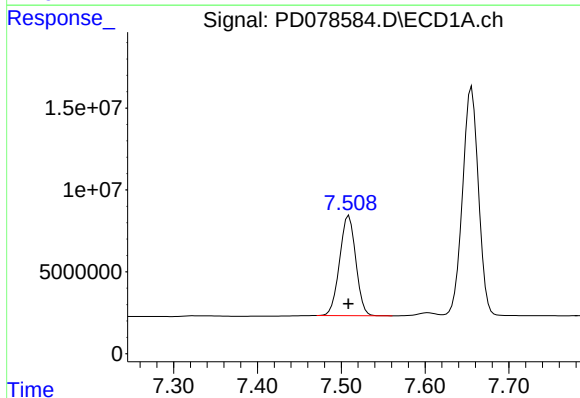
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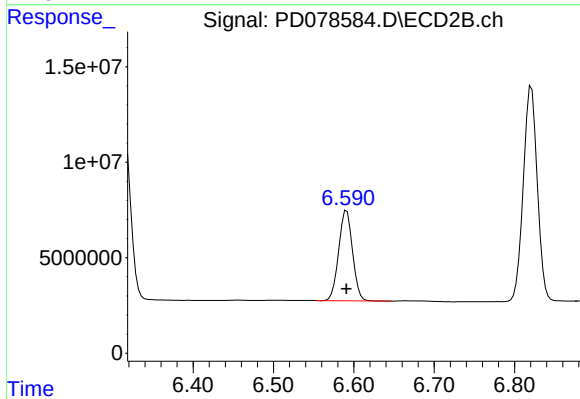
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 115601680
Conc: 52.11 ng/ml



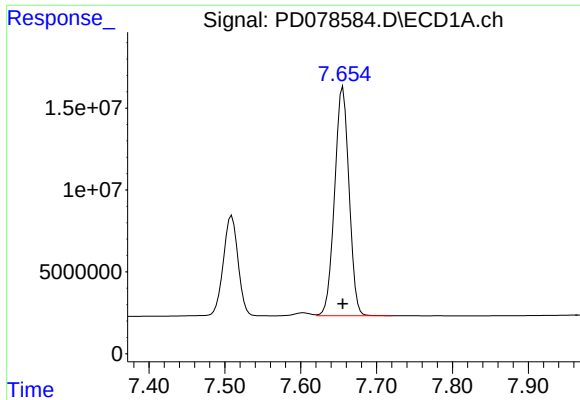
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 81884247
Conc: 49.06 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 56670177
Conc: 51.94 ng/ml



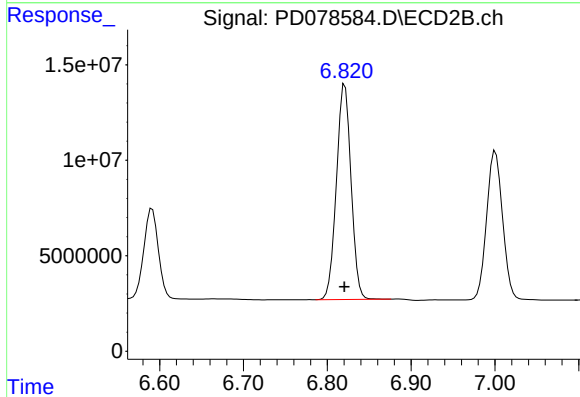
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 184685396
Conc: 51.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

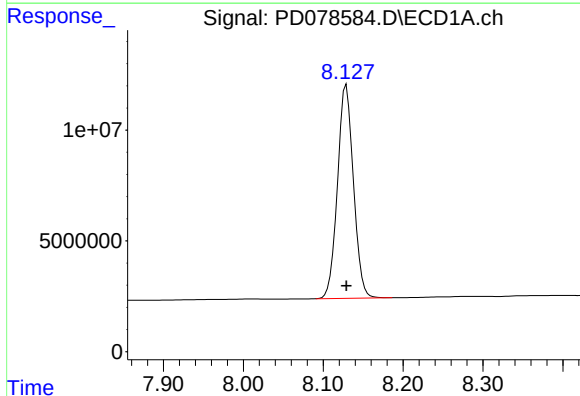
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Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



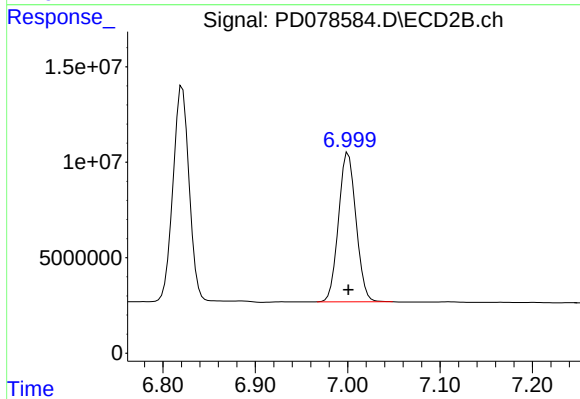
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 136612102
Conc: 52.05 ng/ml



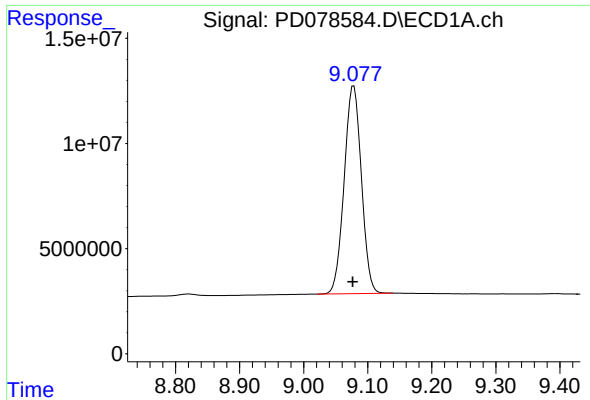
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 133596665
Conc: 50.02 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 102800100
Conc: 50.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 184092241
Conc: 49.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

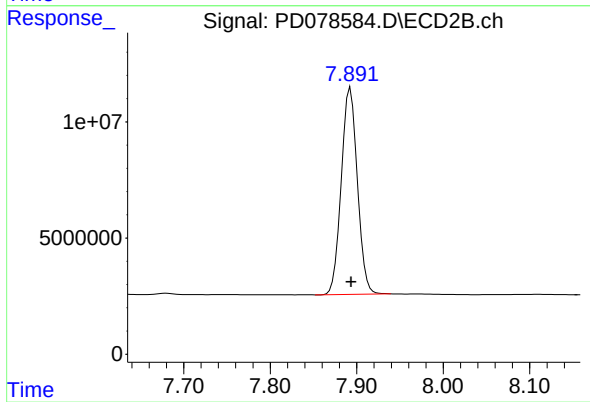
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/03/2023

Supervised By :Ankita Jodhani 10/03/2023



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 114289075
Conc: 50.37 ng/ml