

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 04:43
 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 06:27:27 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	149.3E6	107.8E6	51.708	52.799
28)	SA Decachlor...	9.077	7.893	178.3E6	110.3E6	48.079	48.592
Target Compounds							
2)	A alpha-BHC	3.996	3.258	254.8E6	162.0E6	52.469	54.054
3)	MA gamma-BHC...	4.330	3.588	243.7E6	156.4E6	52.098	53.985
4)	MA Heptachlor	4.920	3.927	241.1E6	154.9E6	51.279	52.488
5)	MB Aldrin	5.262	4.206	248.3E6	158.6E6	51.388	53.445
6)	B beta-BHC	4.527	3.885	94095603	61890909	50.662	53.551
7)	B delta-BHC	4.775	4.115	242.7E6	157.3E6	53.882	54.976
8)	B Heptachlo...	5.690	4.708	212.9E6	140.9E6	50.699	52.144
9)	A Endosulfan I	6.077	5.078	193.1E6	127.9E6	49.418	50.855
10)	B gamma-Chl...	5.947	4.958	211.7E6	140.7E6	50.408	52.370
11)	B alpha-Chl...	6.026	5.022	209.0E6	139.5E6	49.604	51.963
12)	B 4,4'-DDE	6.198	5.210	197.9E6	136.7E6	49.443	53.737
13)	MA Dieldrin	6.352	5.342	207.4E6	145.4E6	49.426	52.095
14)	MA Endrin	6.583	5.618	169.9E6	129.3E6	50.602	52.271
15)	B Endosulfa...	6.803	5.912	171.3E6	121.9E6	47.603	51.199
16)	A 4,4'-DDD	6.717	5.765	152.3E6	109.1E6	51.168	55.109
17)	MA 4,4'-DDT	7.032	6.016	147.1E6	107.3E6	49.706	52.694
18)	B Endrin al...	6.932	6.092	128.6E6	92748817	48.123m	50.030
19)	B Endosulfa...	7.169	6.315	156.3E6	112.2E6	48.642	50.592
20)	A Methoxychlor	7.508	6.591	80550774	56948941	48.265	52.197
21)	B Endrin ke...	7.655	6.821	179.1E6	132.2E6	49.860	50.376
22)	Mirex	8.129	7.001	128.7E6	99107643	48.202	48.634

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 04:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

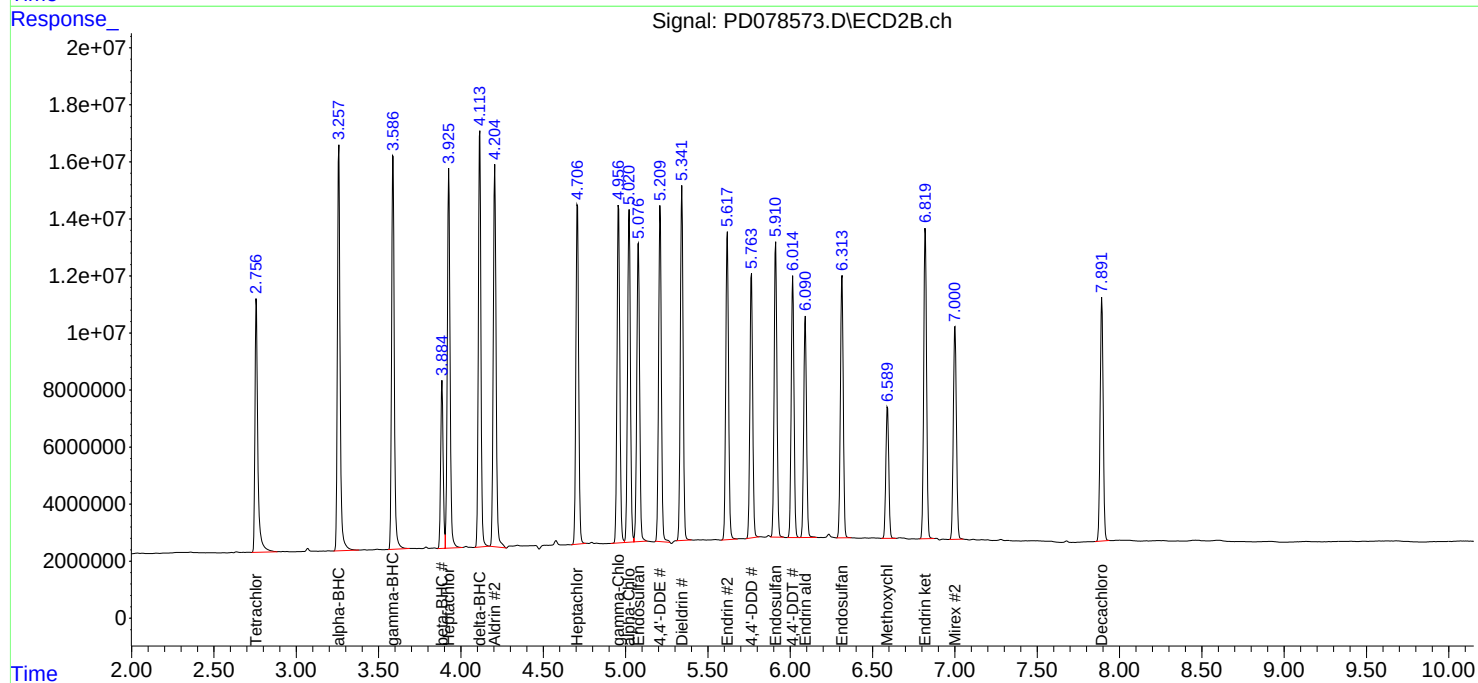
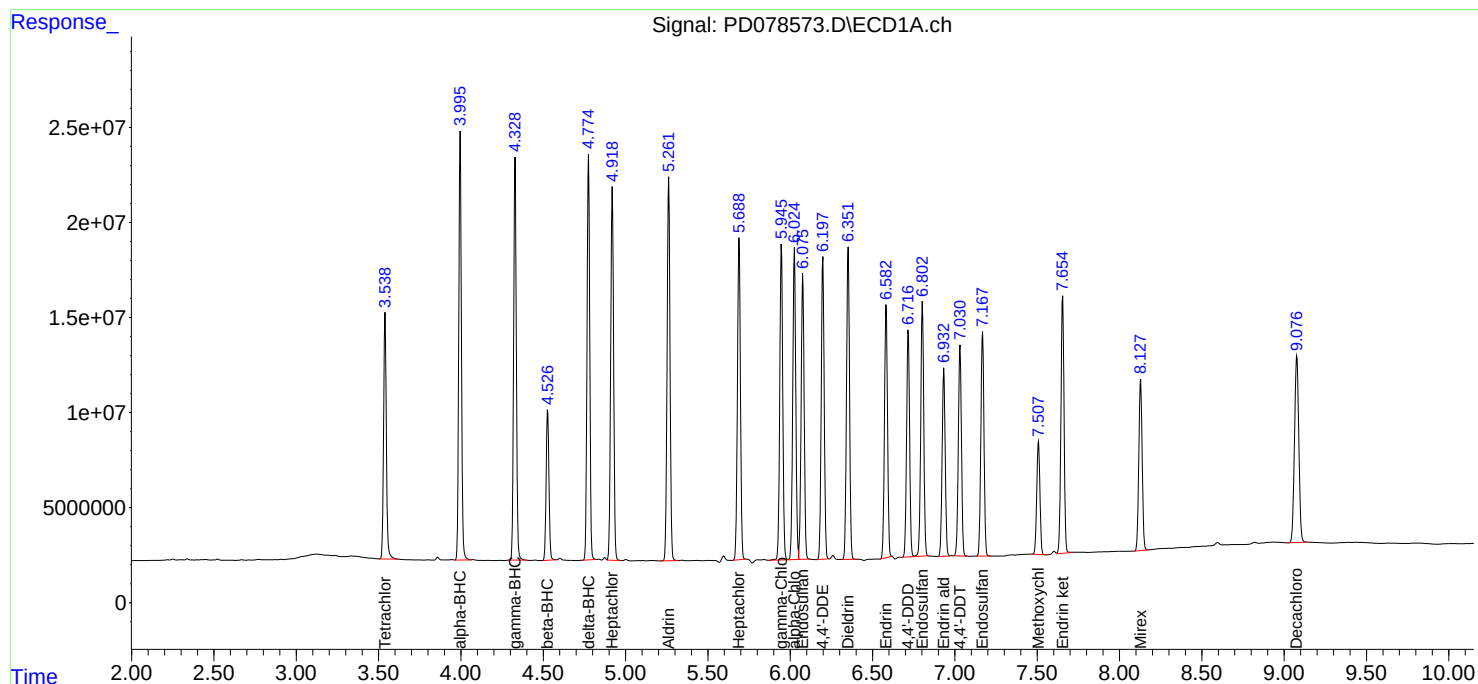
APPROVED

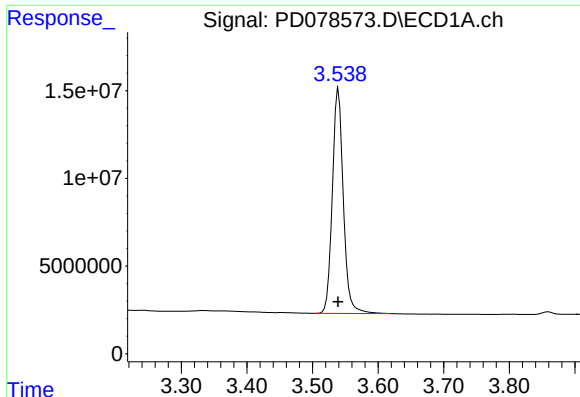
Reviewed By :Abdul Mirza 10/03/2023

Supervised By :Ankita Jodhani 10/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 06:27:27 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





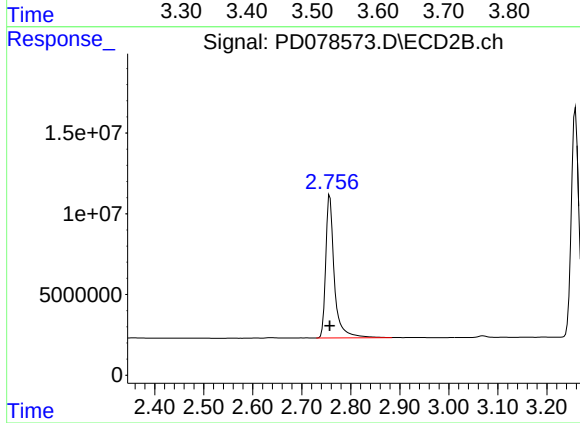
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 149267298
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

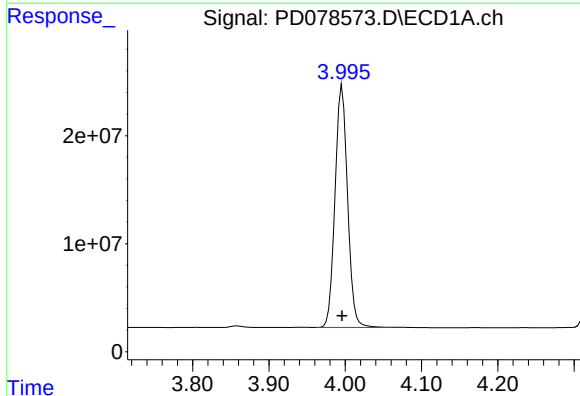
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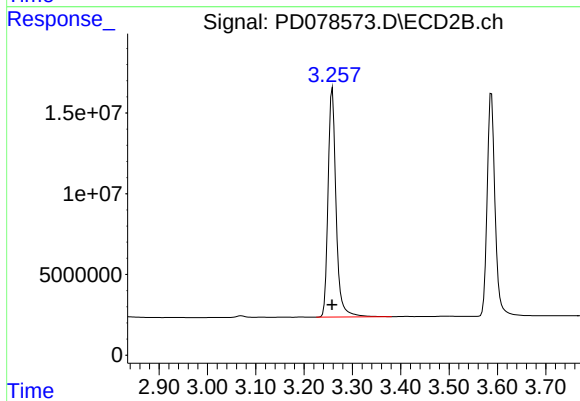
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 107835793
Conc: 52.80 ng/ml



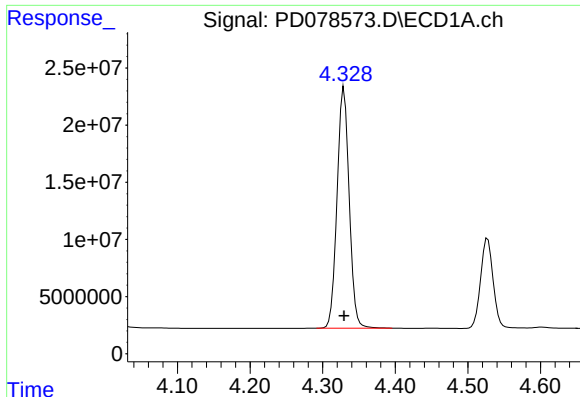
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 254806934
Conc: 52.47 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 162028693
Conc: 54.05 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 243718100
Conc: 52.10 ng/ml

Instrument :

ECD_D

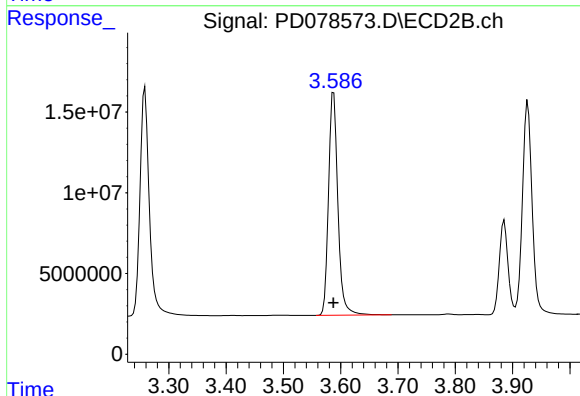
ClientSampleId :

PSTDCCC050

Manual Integrations

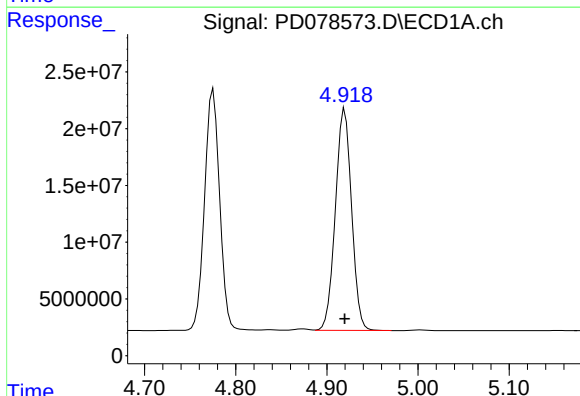
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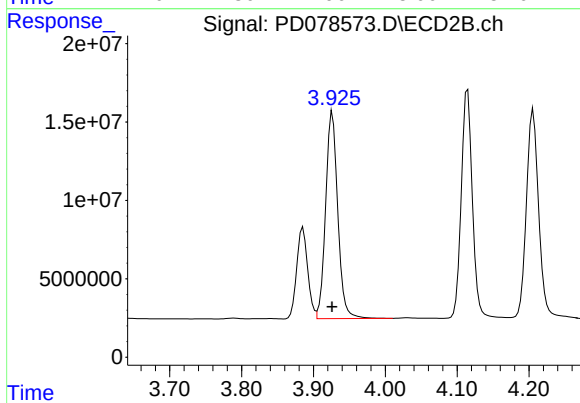
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 156404521
Conc: 53.98 ng/ml



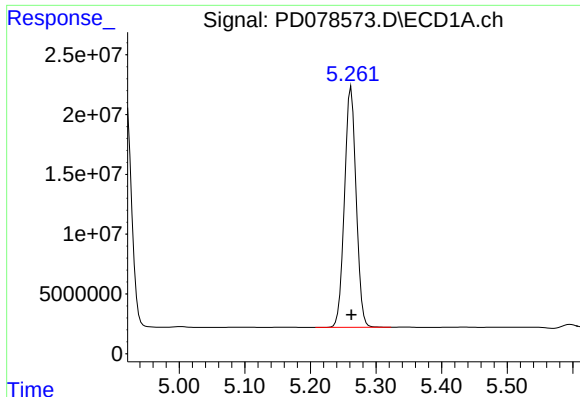
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 241084593
Conc: 51.28 ng/ml



#4 Heptachlor

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 154863243
Conc: 52.49 ng/ml



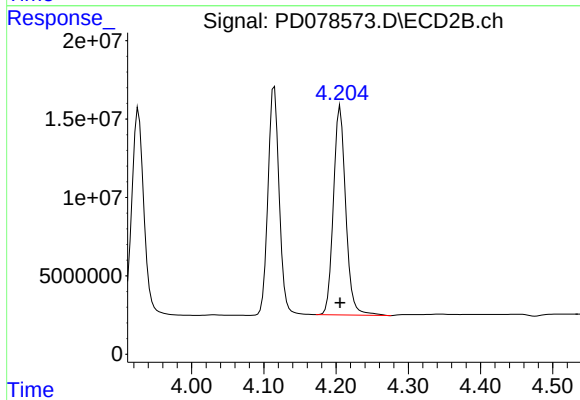
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 248255686
Conc: 51.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

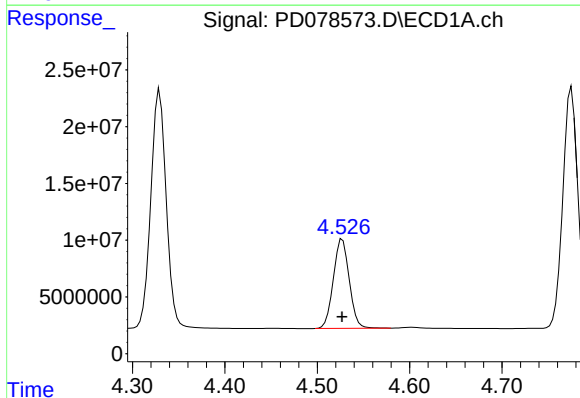
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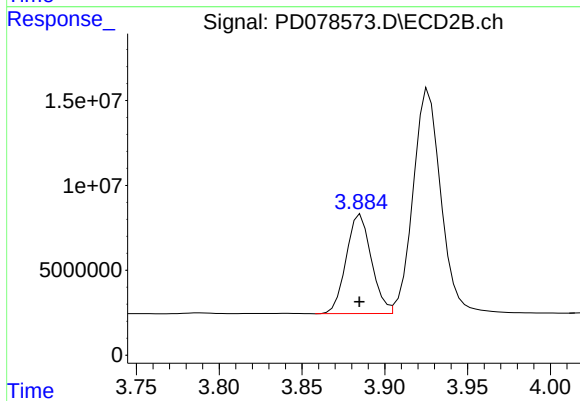
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 158565858
Conc: 53.44 ng/ml



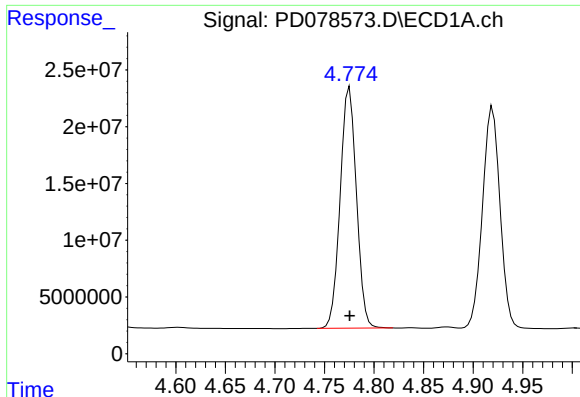
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 94095603
Conc: 50.66 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 61890909
Conc: 53.55 ng/ml



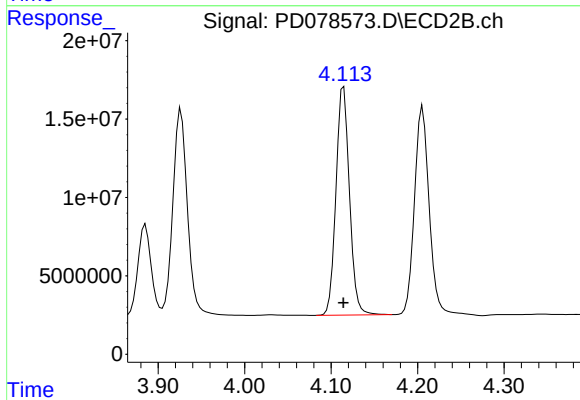
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 242687731
Conc: 53.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

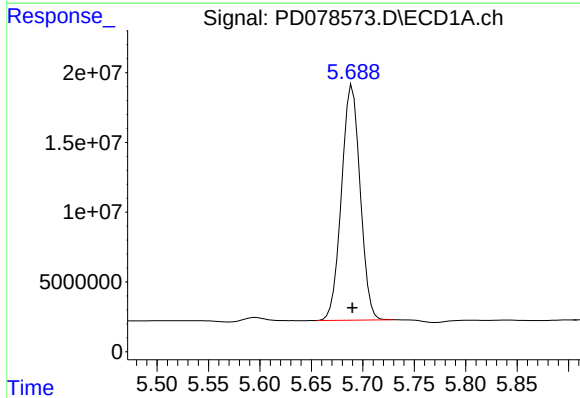
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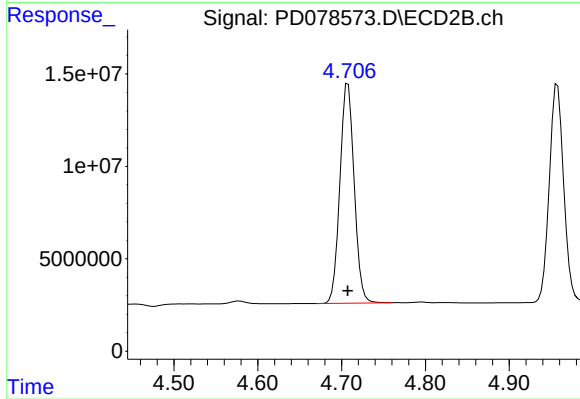
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 157298652
Conc: 54.98 ng/ml



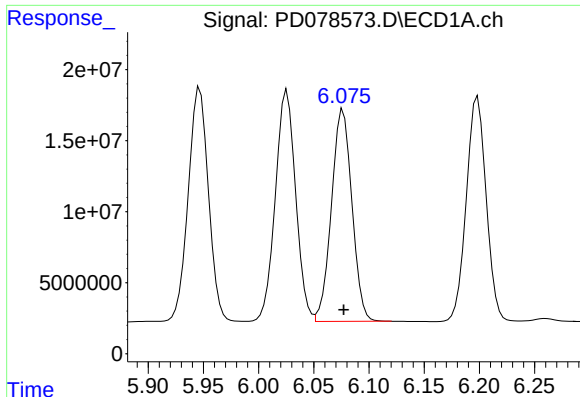
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 212937731
Conc: 50.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 140930301
Conc: 52.14 ng/ml



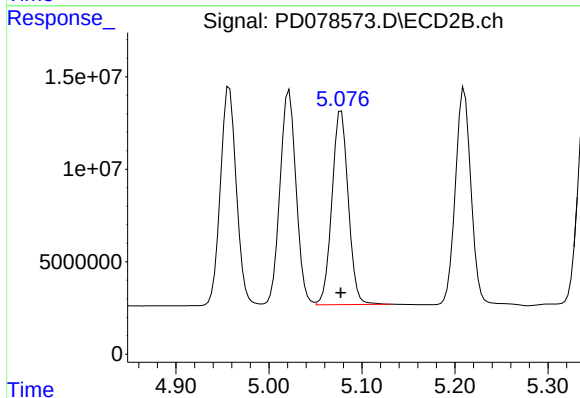
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 193068248
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

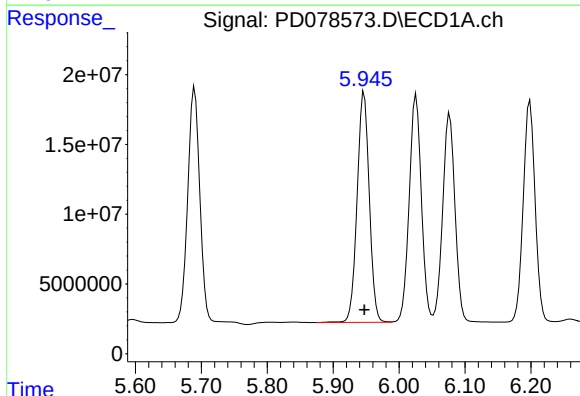
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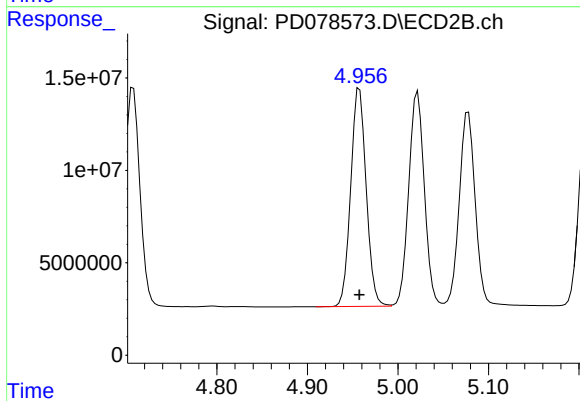
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 127884683
Conc: 50.86 ng/ml



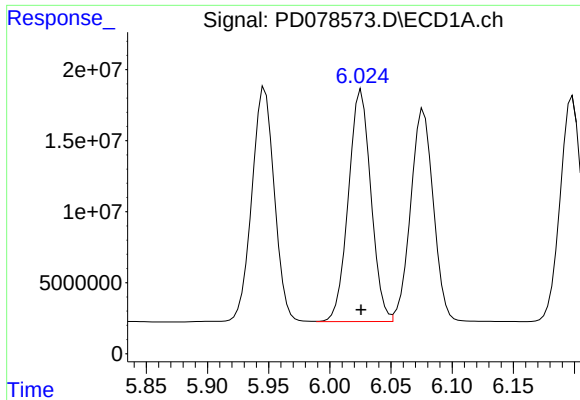
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 211670744
Conc: 50.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 140736310
Conc: 52.37 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 208991678
Conc: 49.60 ng/ml

Instrument :

ECD_D

ClientSampleId :

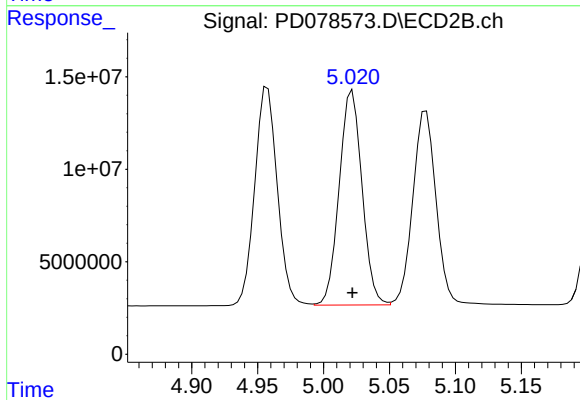
PSTDCCC050

Manual Integrations

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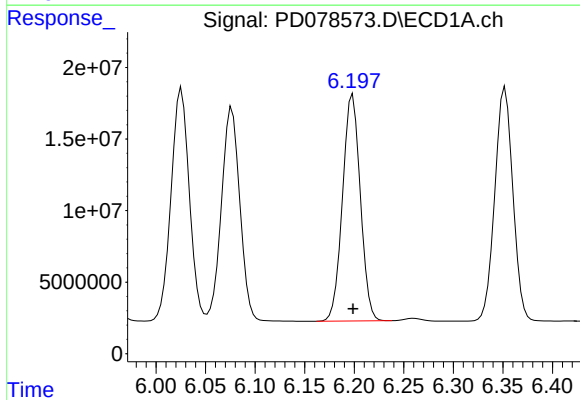
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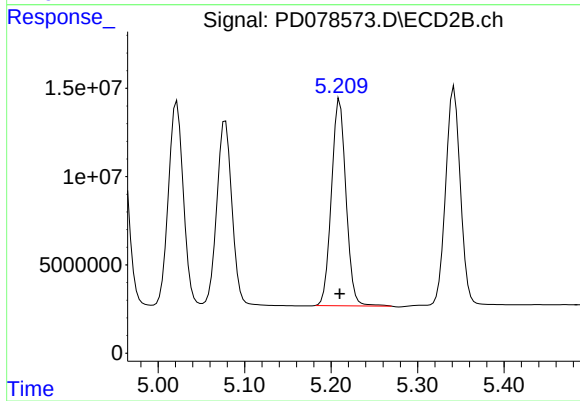
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 139530674
Conc: 51.96 ng/ml



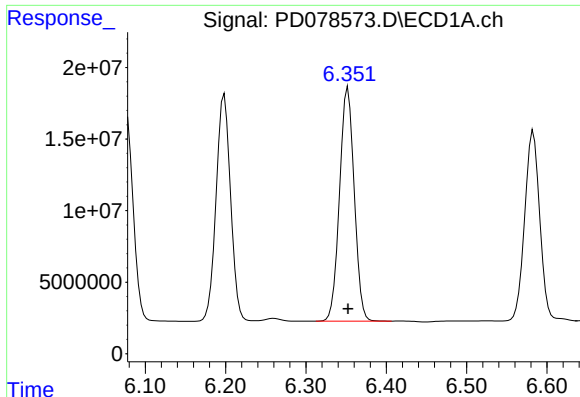
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 197898109
Conc: 49.44 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 136727517
Conc: 53.74 ng/ml



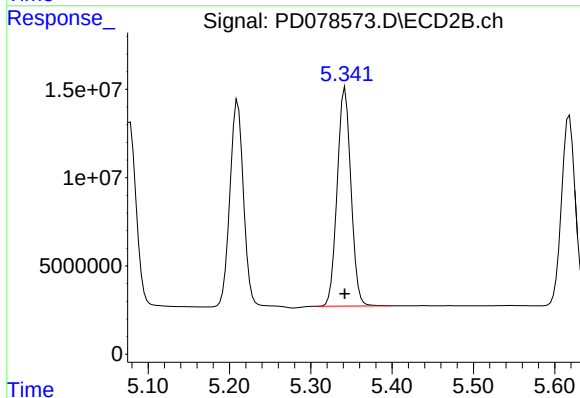
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 207352684
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

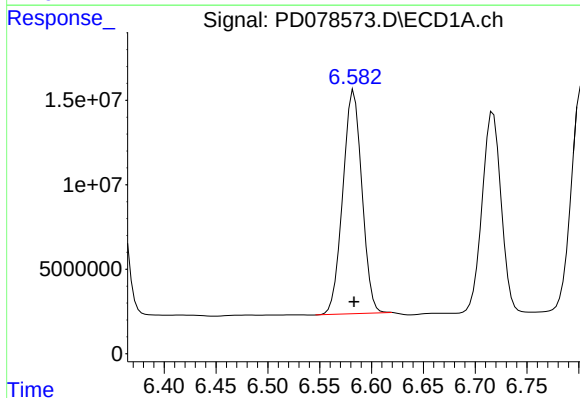
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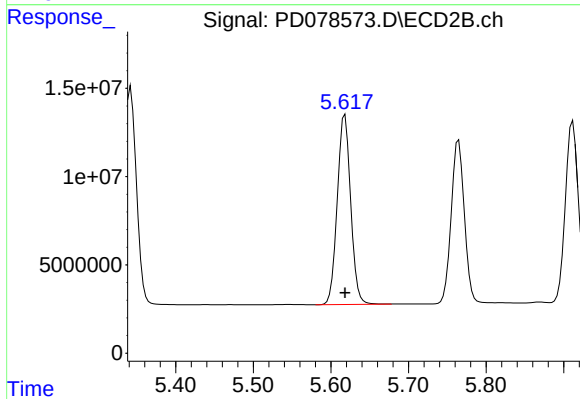
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 145432144
Conc: 52.10 ng/ml



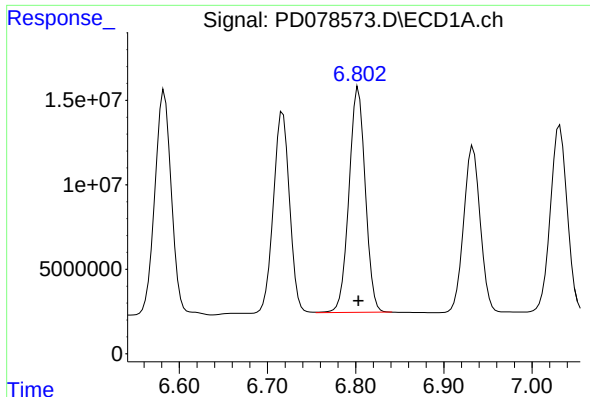
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 169938414
Conc: 50.60 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 129328447
Conc: 52.27 ng/ml



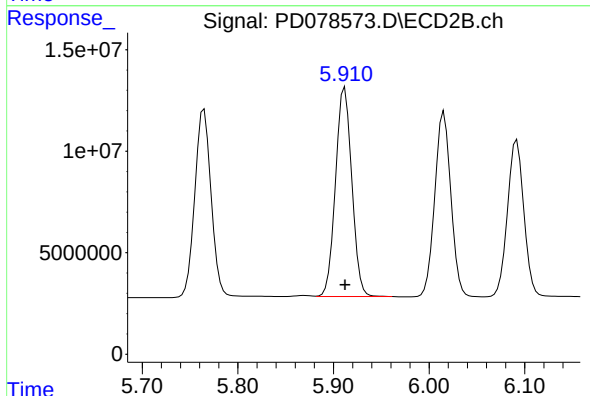
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 171343119
Conc: 47.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

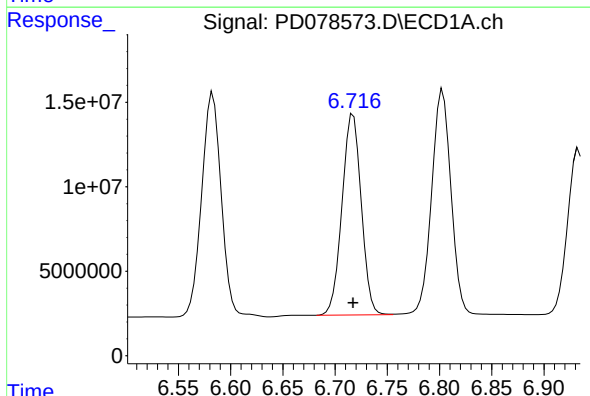
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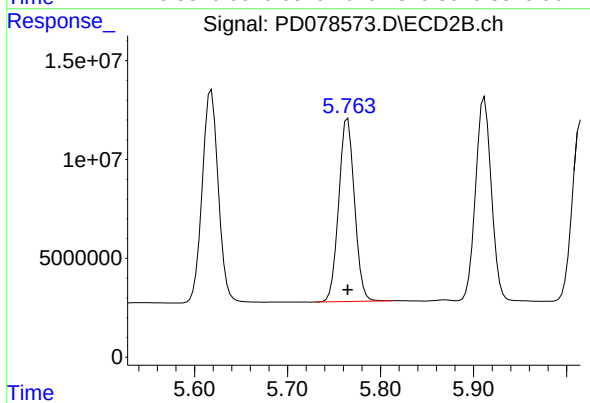
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 121882903
Conc: 51.20 ng/ml



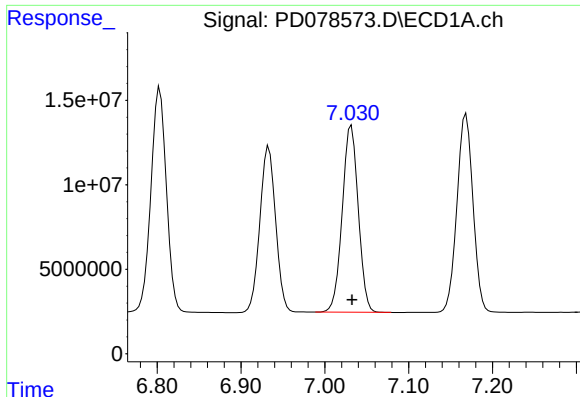
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 152253749
Conc: 51.17 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 109050383
Conc: 55.11 ng/ml



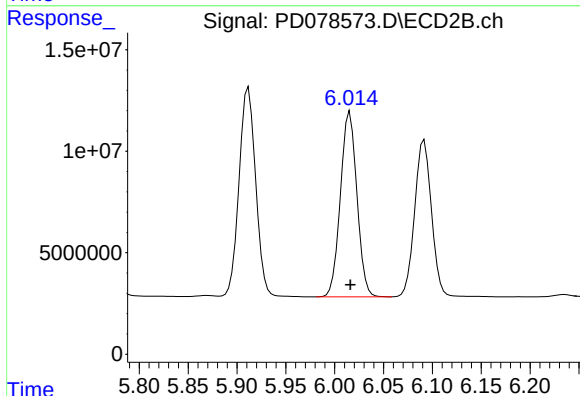
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 147096382
Conc: 49.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

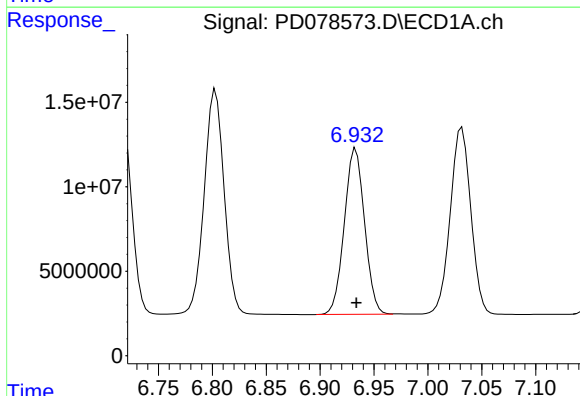
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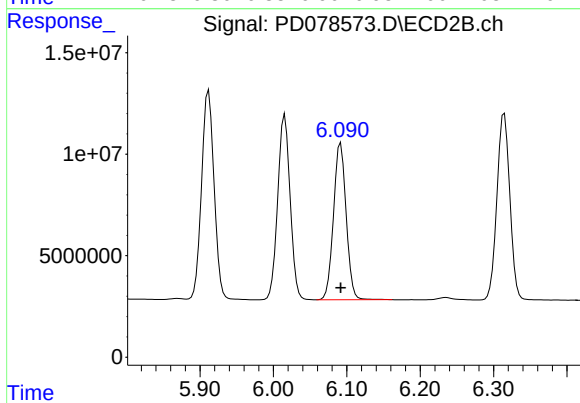
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 107258625
Conc: 52.69 ng/ml



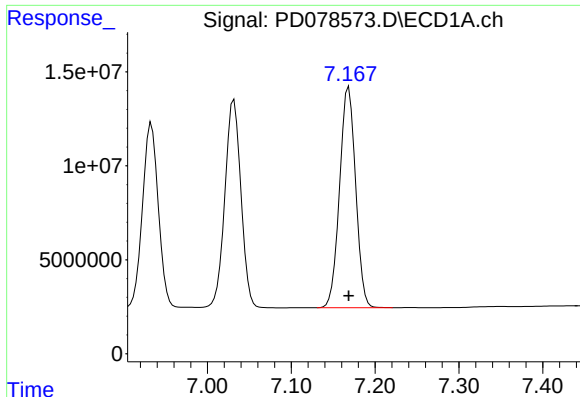
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 128563998
Conc: 48.12 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 92748817
Conc: 50.03 ng/ml



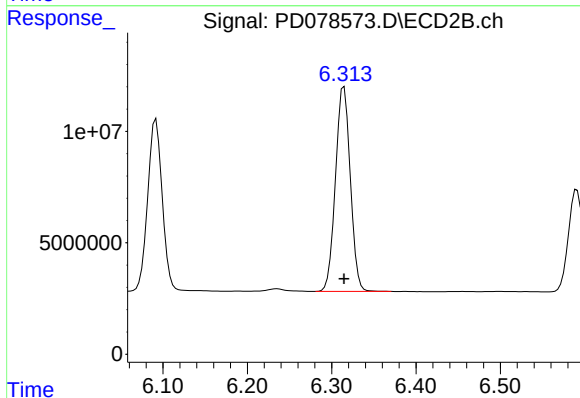
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 156284646
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

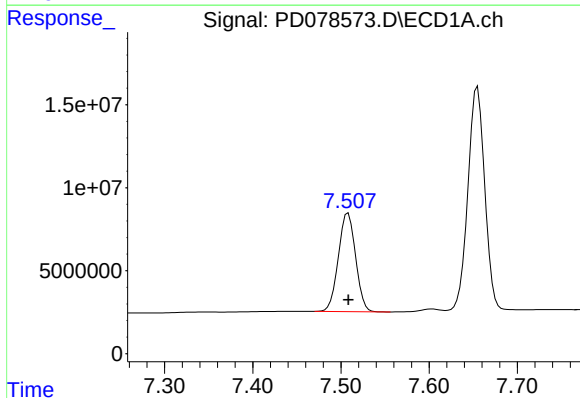
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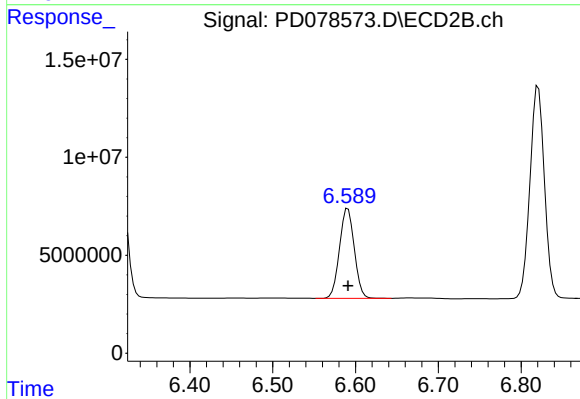
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 112240999
Conc: 50.59 ng/ml



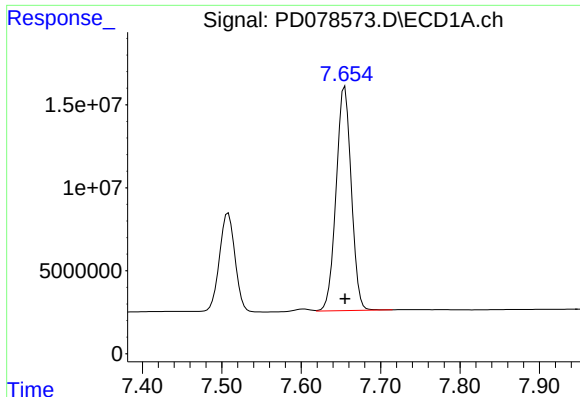
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 80550774
Conc: 48.26 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 56948941
Conc: 52.20 ng/ml



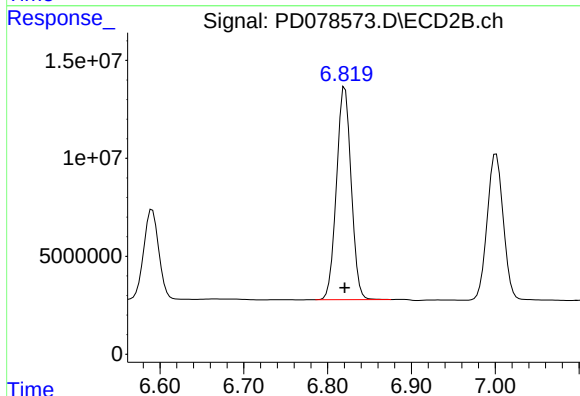
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 179142854
Conc: 49.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

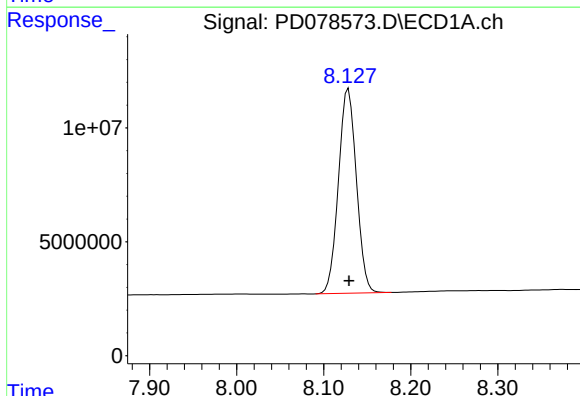
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Reviewed By :Abdul Mirza 10/03/2023
Supervised By :Ankita Jodhani 10/03/2023



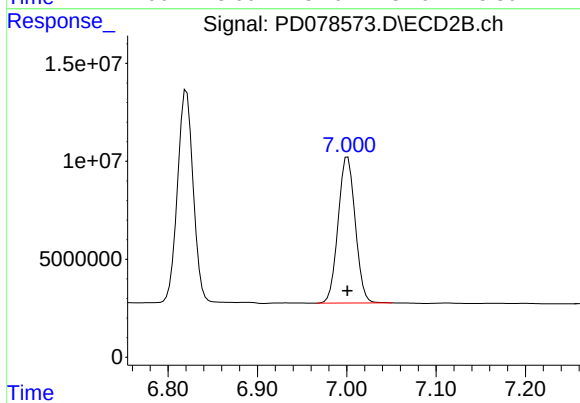
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 132215684
Conc: 50.38 ng/ml



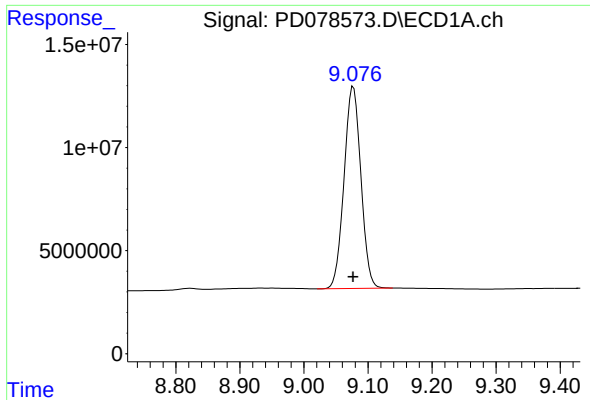
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 128744858
Conc: 48.20 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 99107643
Conc: 48.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 178302376
Conc: 48.08 ng/ml

Instrument :

ECD_D

ClientSampleId :

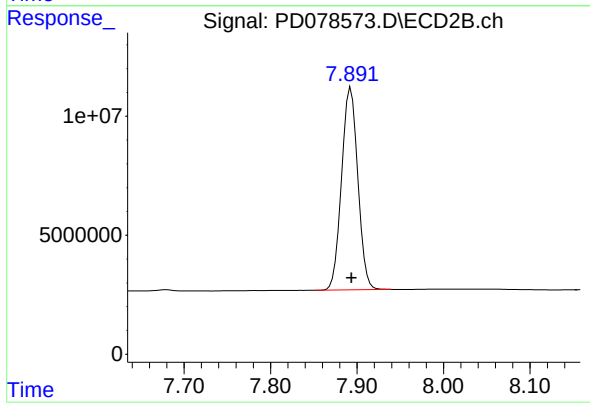
PSTDCCC050

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: 110261734
Conc: 48.59 ng/ml