

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 18:09
 Operator : AR\AJ
 Sample : PB156072BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156072BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2023
 Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:30:22 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	48258769	33565500	16.717	16.435
28)	SA Decachlor...	9.080	7.894	64612021	36854476	17.422	16.242
Target Compounds							
2)	A alpha-BHC	3.997	3.258	253.9E6	160.1E6	52.277	53.397
3)	MA gamma-BHC...	4.331	3.588	230.4E6	147.6E6	49.245	50.961
4)	MA Heptachlor	4.921	3.927	243.2E6	155.0E6	51.725	52.534
5)	MB Aldrin	5.264	4.206	239.6E6	150.8E6	49.594	50.824
6)	B beta-BHC	4.528	3.886	90941636	59786300	48.964	51.730
7)	B delta-BHC	4.777	4.115	226.6E6	148.7E6	50.312	51.968
8)	B Heptachlo...	5.691	4.709	209.5E6	139.3E6	49.888	51.525
9)	A Endosulfan I	6.078	5.078	195.1E6	131.6E6	49.929	52.322
10)	B gamma-Chl...	5.948	4.959	210.5E6	141.5E6	50.123	52.667
11)	B alpha-Chl...	6.027	5.023	207.3E6	139.1E6	49.203	51.820
12)	B 4,4'-DDE	6.200	5.211	199.5E6	137.2E6	49.845	53.906
13)	MA Dieldrin	6.354	5.343	202.2E6	141.0E6	48.196	50.515
14)	MA Endrin	6.584	5.619	165.3E6	127.5E6	49.209	51.514
15)	B Endosulfa...	6.804	5.913	163.4E6	114.0E6	45.401	47.887
16)	A 4,4'-DDD	6.719	5.766	155.0E6	110.6E6	52.089	55.908
17)	MA 4,4'-DDT	7.034	6.017	155.5E6	106.8E6	52.561	52.467
18)	B Endrin al...	6.934	6.093	129.0E6	90455859	48.270m	48.793
19)	B Endosulfa...	7.170	6.315	158.1E6	114.4E6	49.208	51.563
20)	A Methoxychlor	7.510	6.592	80229798	55264180	48.073	50.653
21)	B Endrin ke...	7.657	6.822	176.2E6	128.8E6	49.028	49.065
22)	Mirex	8.130	7.003	129.7E6	96725266	48.564	47.465

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
Data File : PD078621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 18:09
Operator : AR\AJ
Sample : PB156072BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

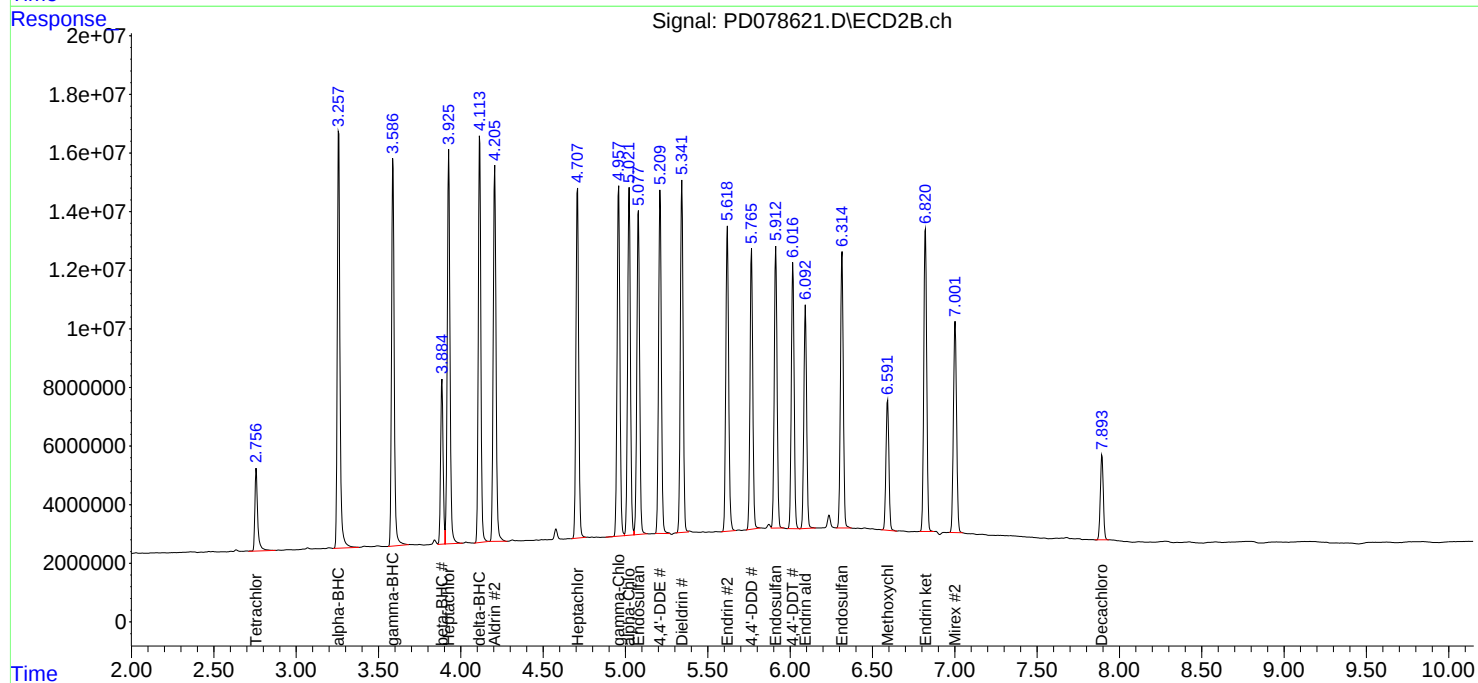
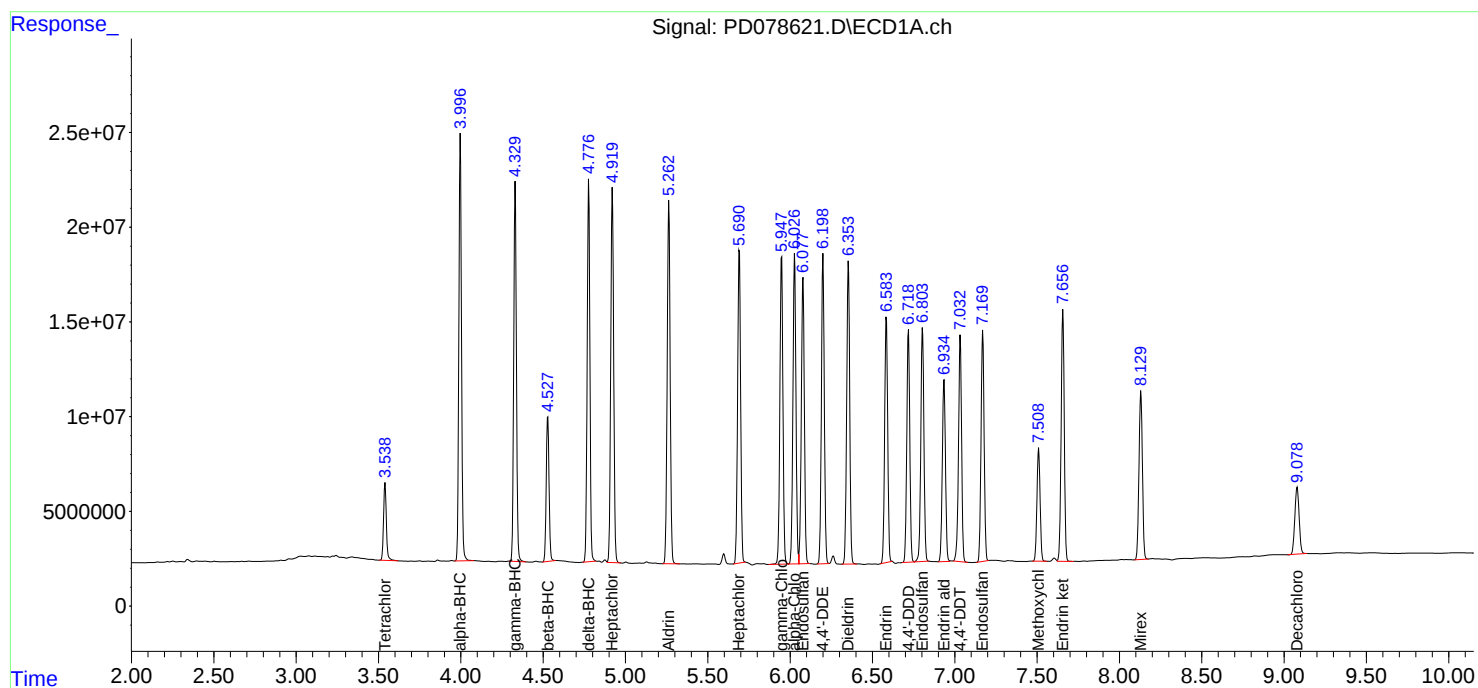
Instrument :
ECD_D
ClientSampleId :
PB156072BS

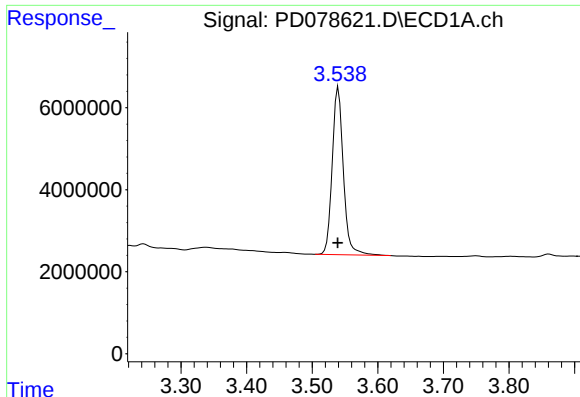
Manual Integrations
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Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 21:30:22 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: 48258769
Conc: 16.72 ng/ml

Instrument :

ECD_D

ClientSampleId :

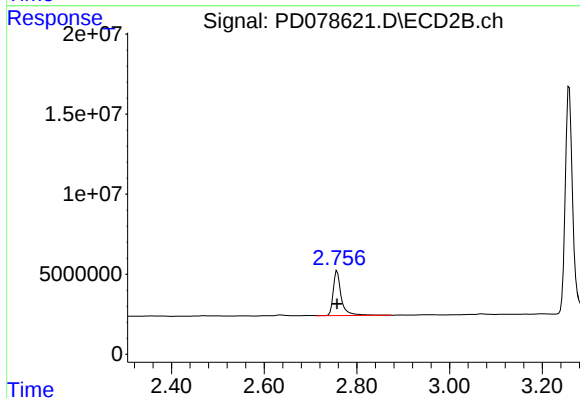
PB156072BS

Manual Integrations

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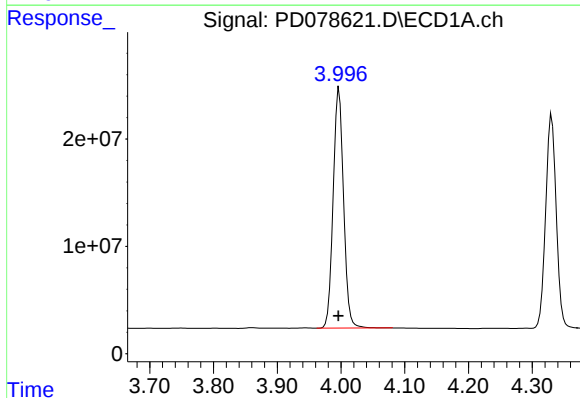
Reviewed By :Abdul Mirza 10/04/2023

Supervised By :Ankita Jodhani 10/04/2023



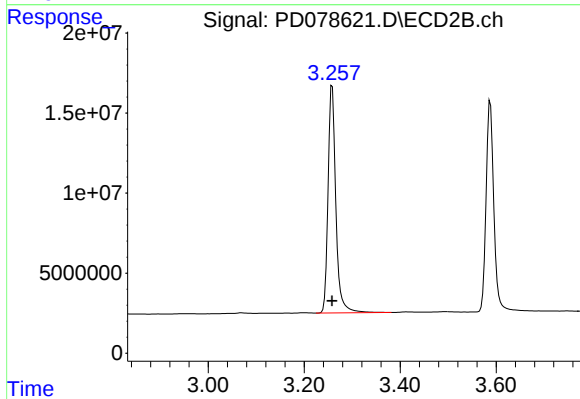
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 33565500
Conc: 16.43 ng/ml



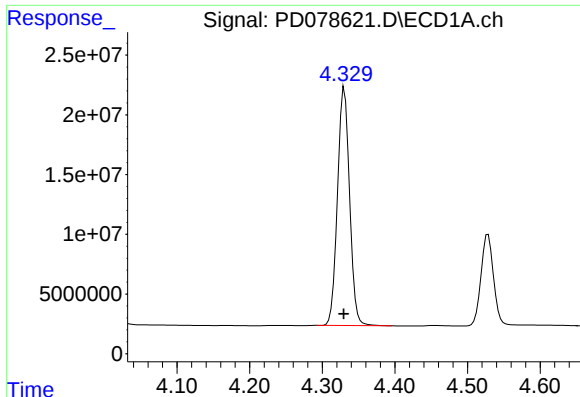
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 253875206
Conc: 52.28 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 160058955
Conc: 53.40 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.001 min
Response: 230370941
Conc: 49.24 ng/ml

Instrument :

ECD_D

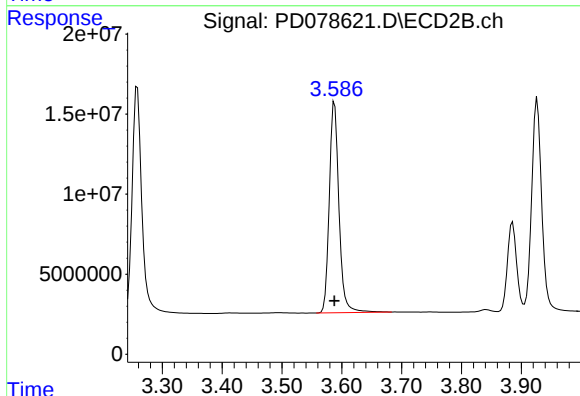
ClientSampleId :

PB156072BS

Manual Integrations

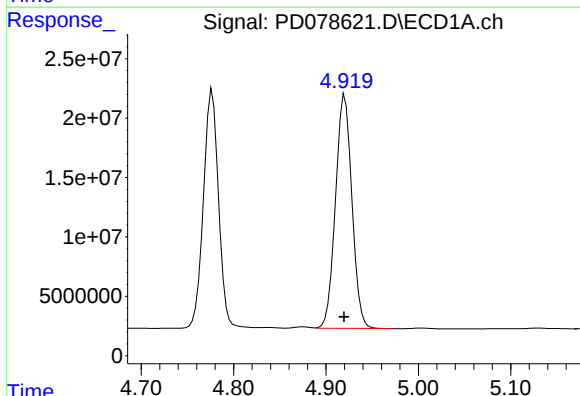
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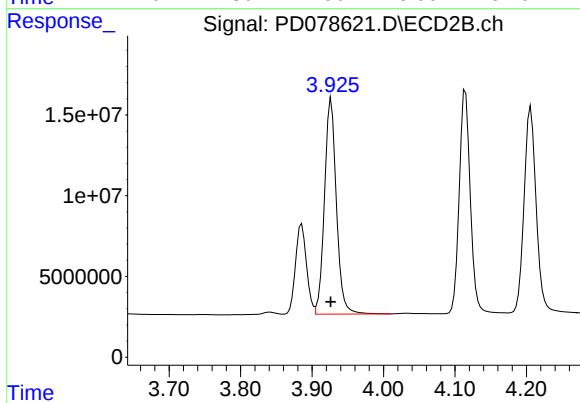
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 147644707
Conc: 50.96 ng/ml



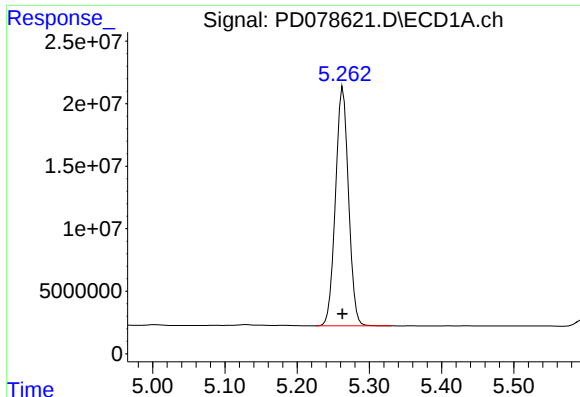
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 243183074
Conc: 51.73 ng/ml



#4 Heptachlor

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 154998872
Conc: 52.53 ng/ml



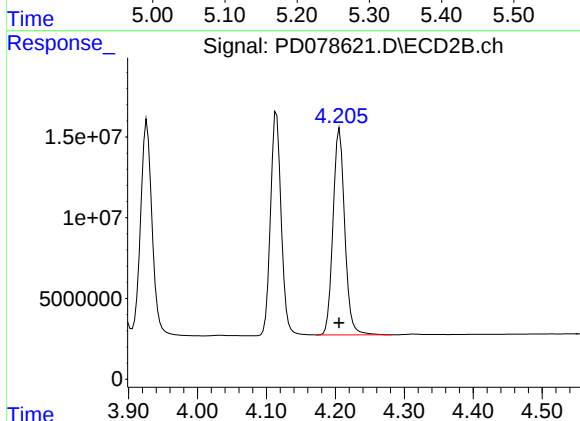
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 239589386
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

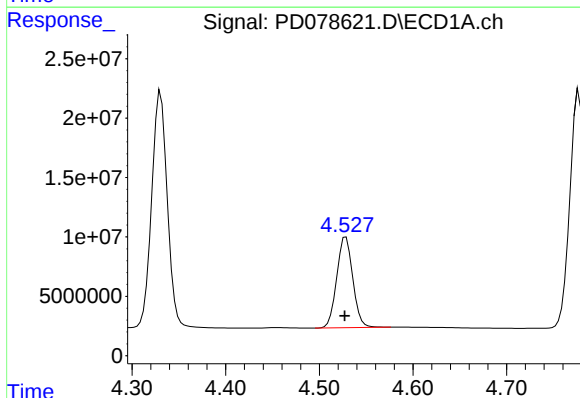
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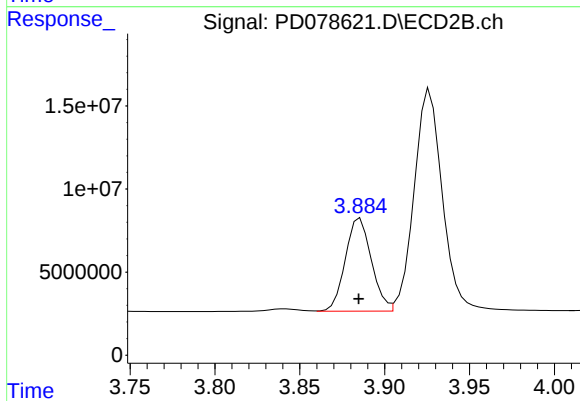
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 150791669
Conc: 50.82 ng/ml



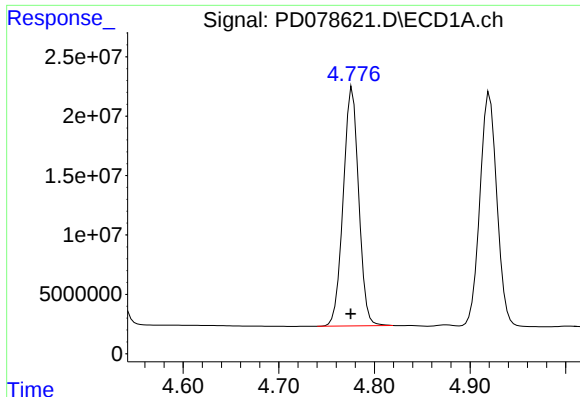
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 90941636
Conc: 48.96 ng/ml



#6 beta-BHC

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 59786300
Conc: 51.73 ng/ml



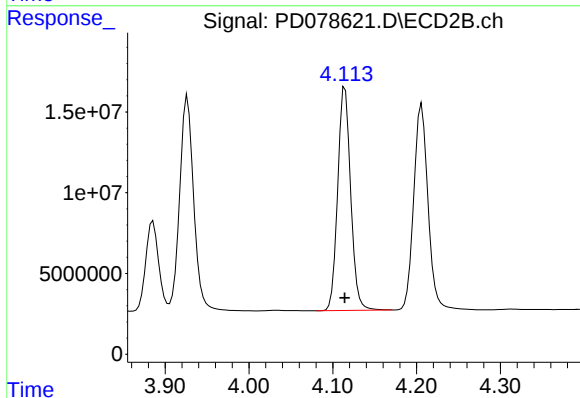
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 226609807
Conc: 50.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

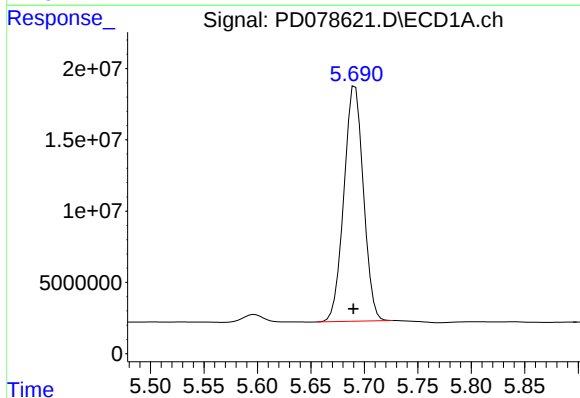
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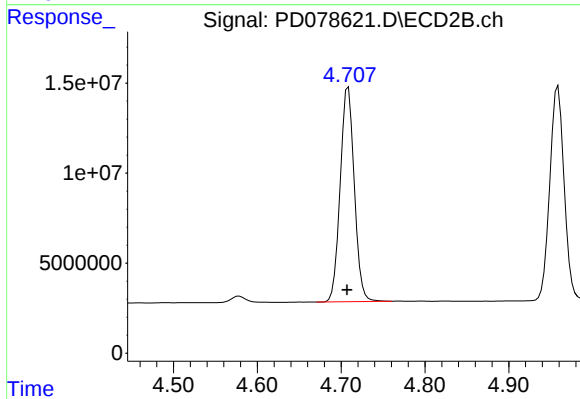
#7 delta-BHC

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 148692548
Conc: 51.97 ng/ml



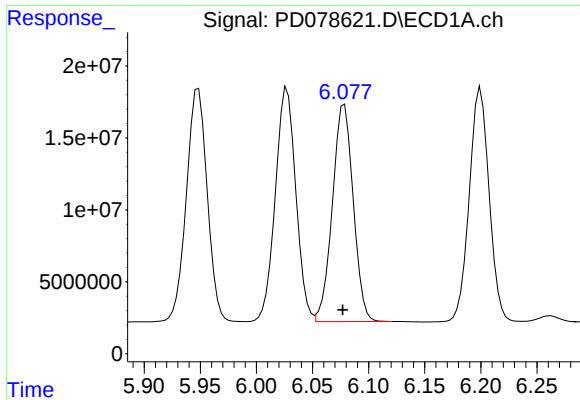
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 209531571
Conc: 49.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.709 min
Delta R.T.: 0.001 min
Response: 139258325
Conc: 51.53 ng/ml



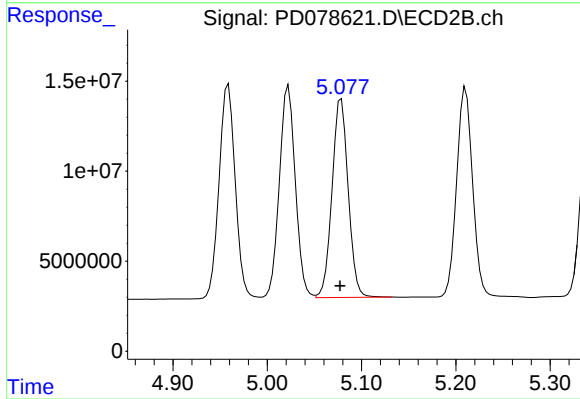
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 195064361
Conc: 49.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

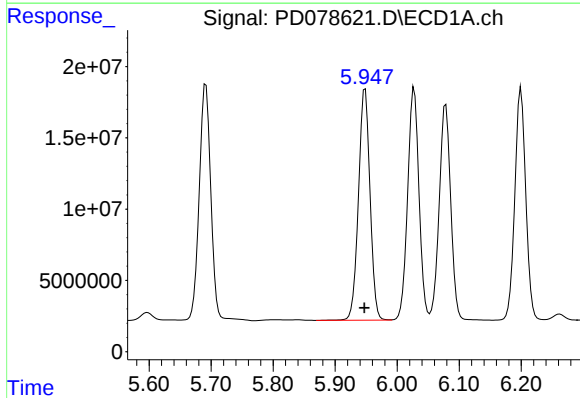
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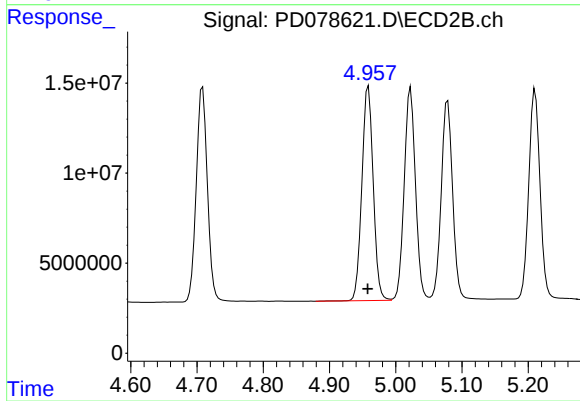
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.001 min
Response: 131573690
Conc: 52.32 ng/ml



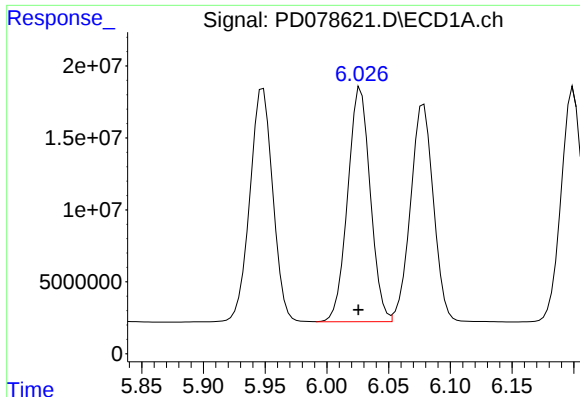
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 210471073
Conc: 50.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.001 min
Response: 141535633
Conc: 52.67 ng/ml



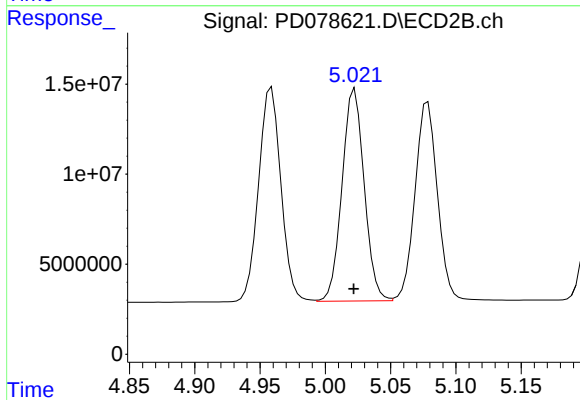
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 207299961
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

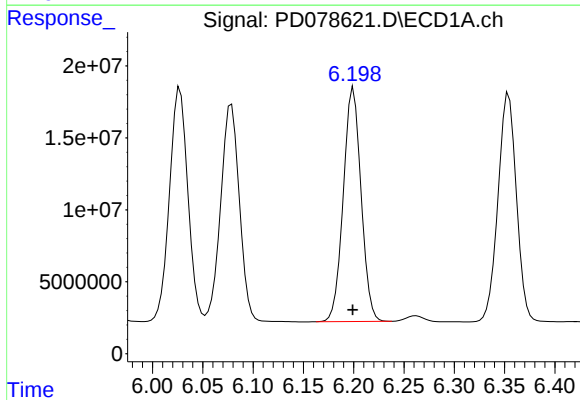
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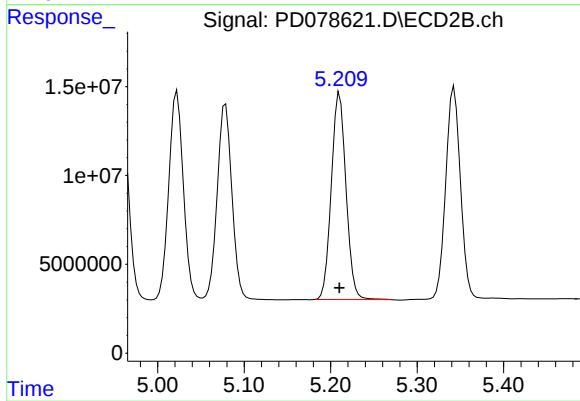
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 139148261
Conc: 51.82 ng/ml



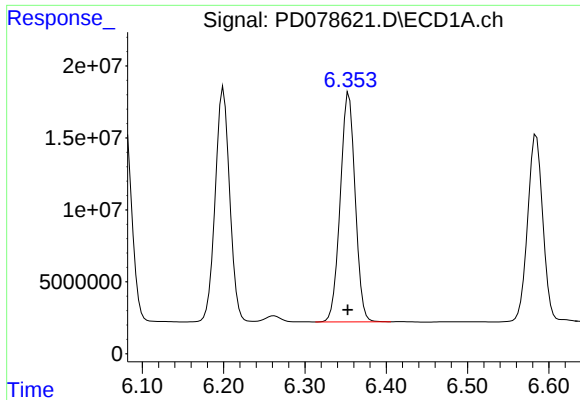
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 199507209
Conc: 49.84 ng/ml



#12 4,4'-DDE

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 137156687
Conc: 53.91 ng/ml



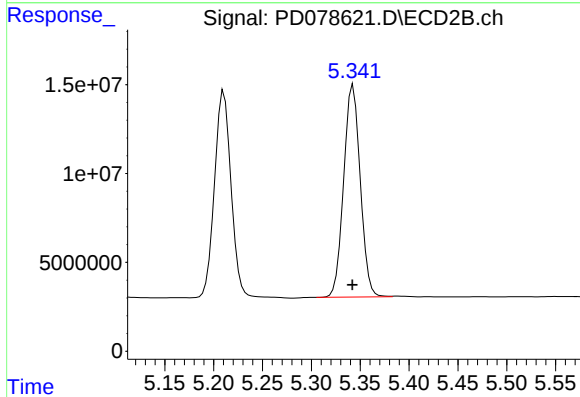
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 202193922
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

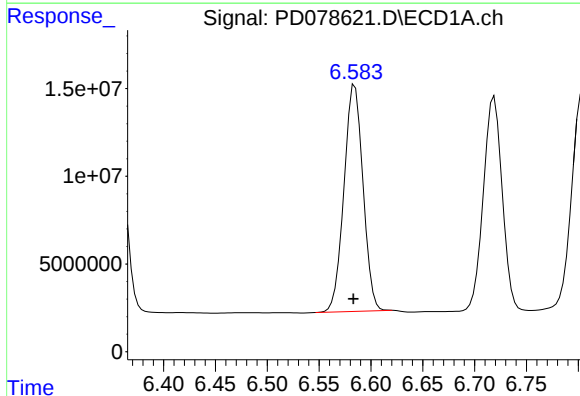
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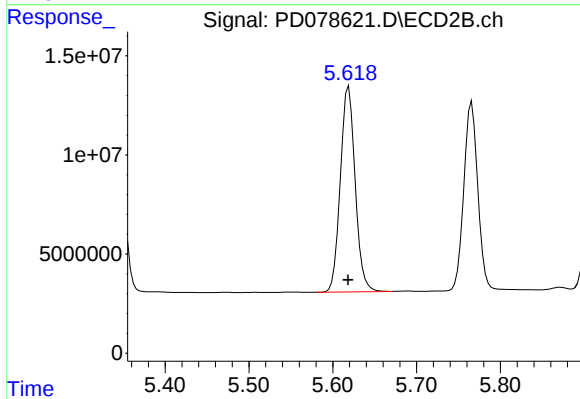
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: 0.001 min
Response: 141019918
Conc: 50.51 ng/ml



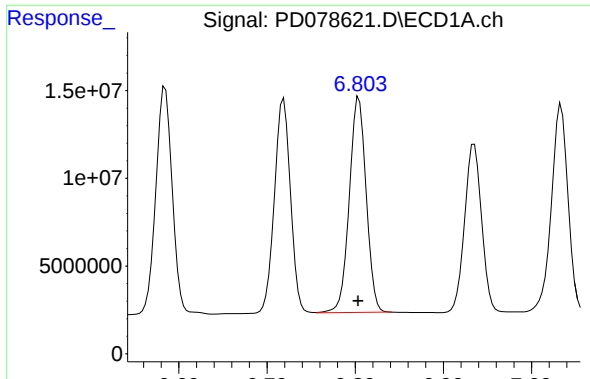
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.001 min
Response: 165260614
Conc: 49.21 ng/ml



#14 Endrin

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 127456315
Conc: 51.51 ng/ml



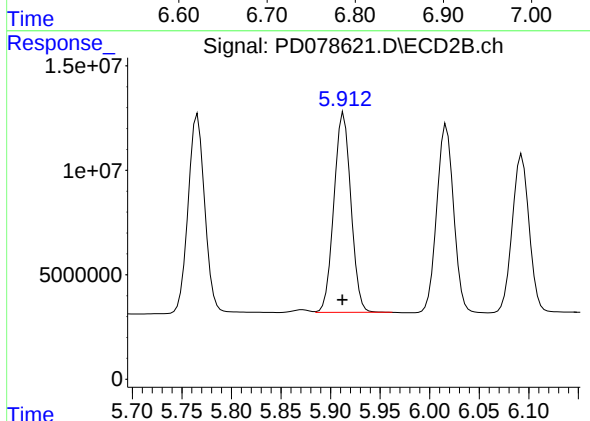
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 163417884
Conc: 45.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

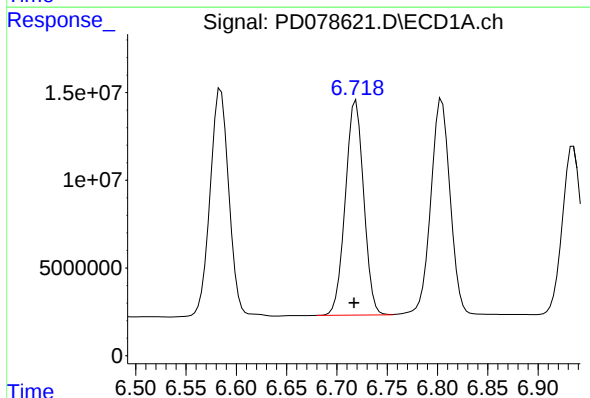
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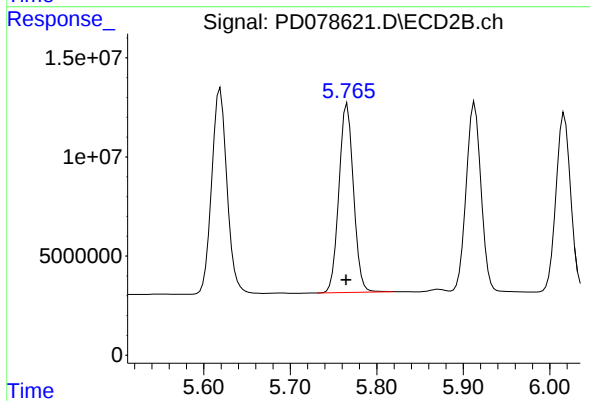
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: 0.001 min
Response: 113999749
Conc: 47.89 ng/ml



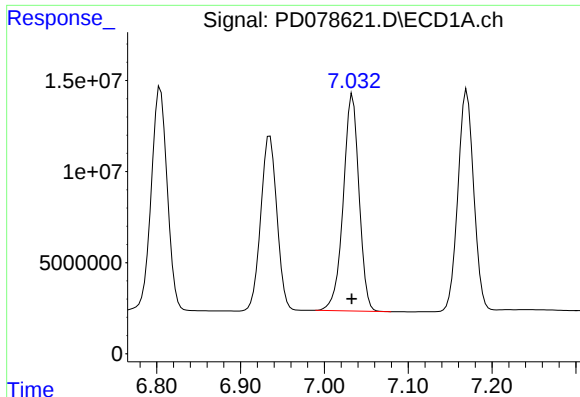
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.002 min
Response: 154993849
Conc: 52.09 ng/ml



#16 4,4'-DDD

R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 110631718
Conc: 55.91 ng/ml



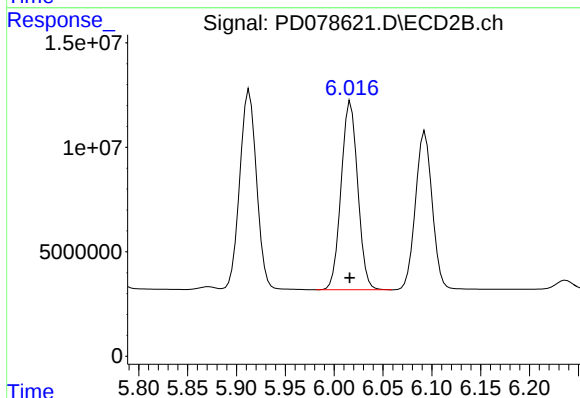
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.001 min
Response: 155544551
Conc: 52.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

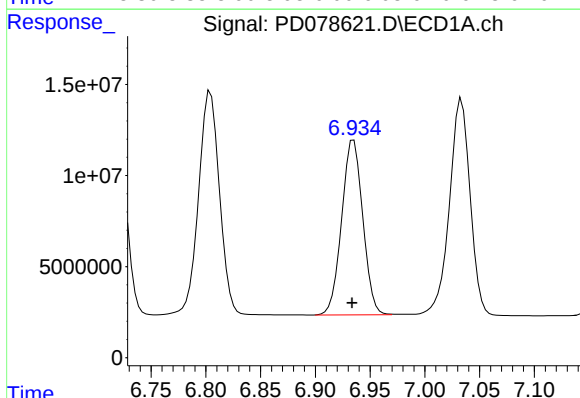
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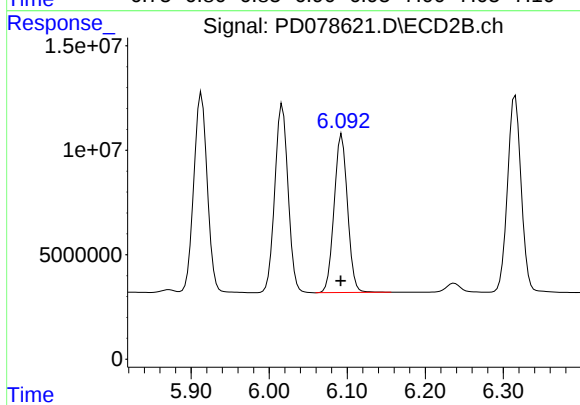
#17 4,4'-DDT

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 106796013
Conc: 52.47 ng/ml



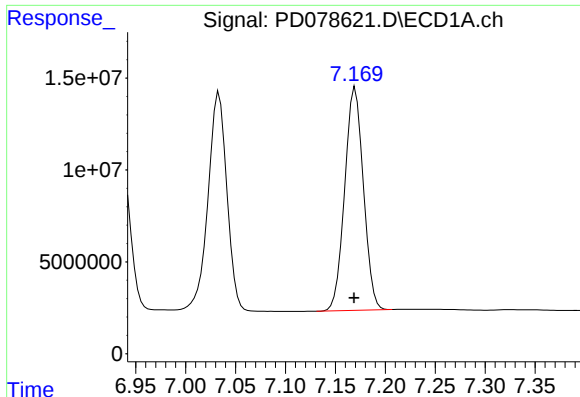
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 128955720
Conc: 48.27 ng/ml m



#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: 0.002 min
Response: 90455859
Conc: 48.79 ng/ml



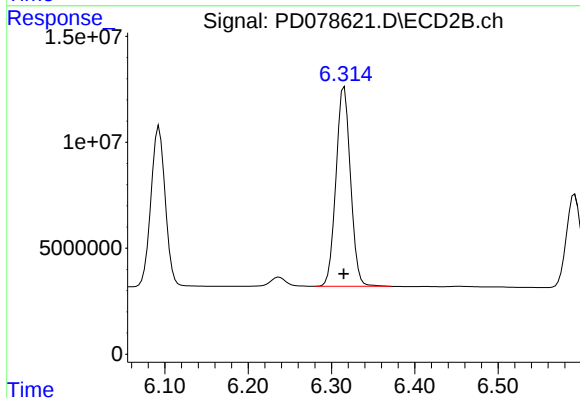
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: 0.001 min
Response: 158102735
Conc: 49.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

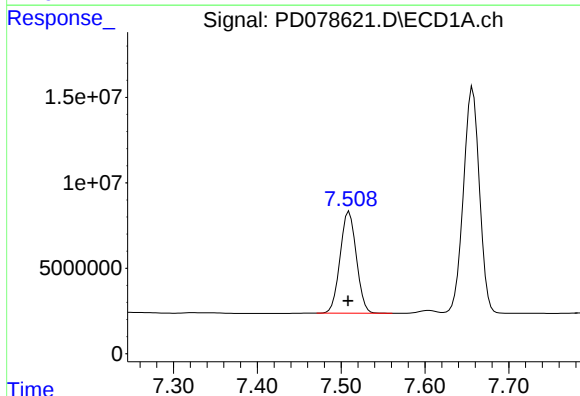
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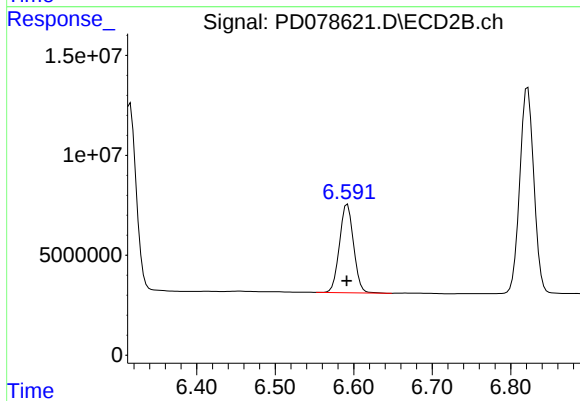
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 114396713
Conc: 51.56 ng/ml



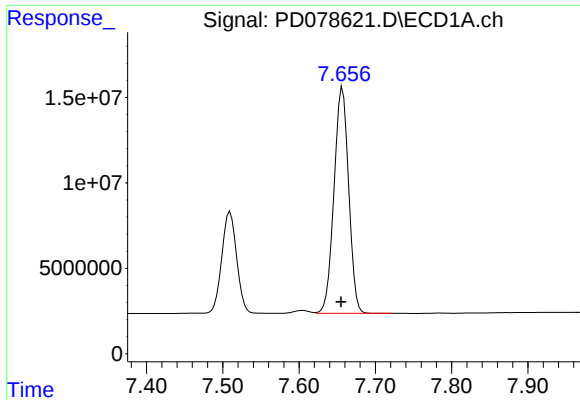
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.001 min
Response: 80229798
Conc: 48.07 ng/ml



#20 Methoxychlor

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 55264180
Conc: 50.65 ng/ml



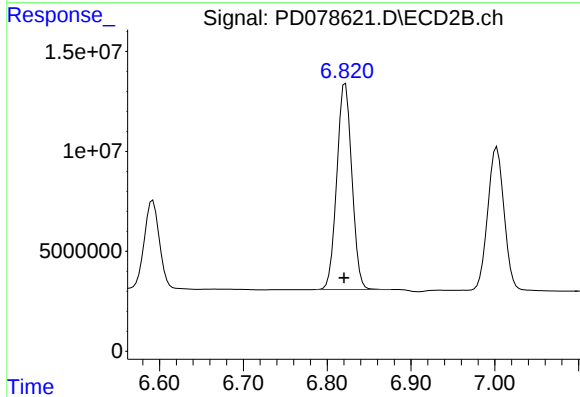
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.002 min
Response: 176152778
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

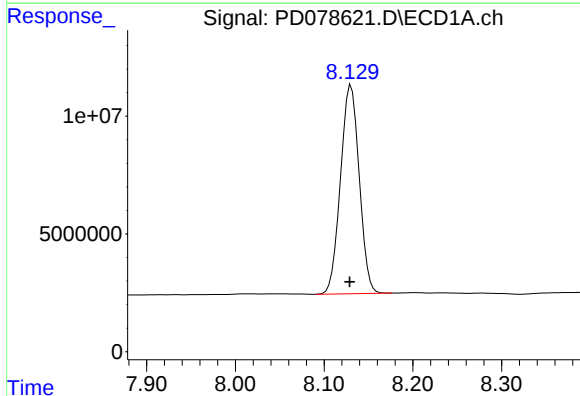
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2023
Supervised By :Ankita Jodhani 10/04/2023



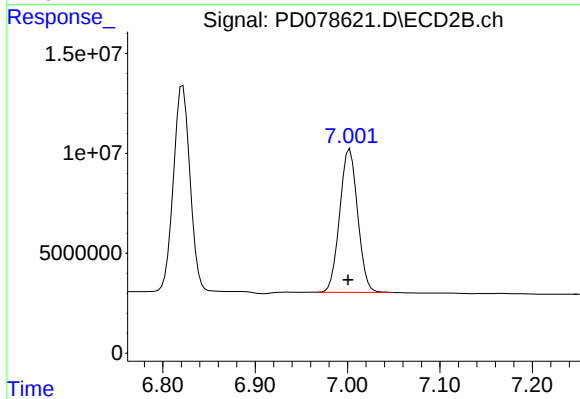
#21 Endrin ketone

R.T.: 6.822 min
Delta R.T.: 0.001 min
Response: 128774824
Conc: 49.06 ng/ml



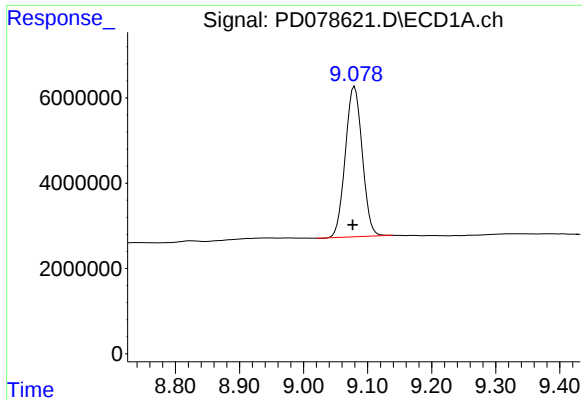
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.002 min
Response: 129714145
Conc: 48.56 ng/ml



#22 Mirex

R.T.: 7.003 min
Delta R.T.: 0.002 min
Response: 96725266
Conc: 47.47 ng/ml



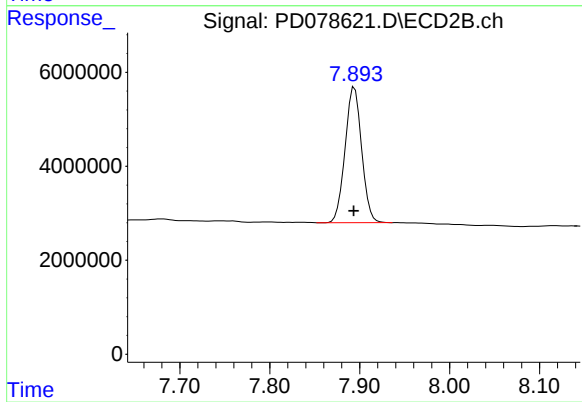
#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.003 min
Response: 64612021
Conc: 17.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156072BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: 0.001 min
Response: 36854476
Conc: 16.24 ng/ml