

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
 Data File : PD078560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 01:35
 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 09:36:11 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	2.758	148.7E6	106.7E6	51.496	52.236
28)	SA Decachlor...	9.078	7.893	181.3E6	108.6E6	48.891	47.880
Target Compounds							
2)	A alpha-BHC	3.997	3.258	254.6E6	160.9E6	52.434	53.676
3)	MA gamma-BHC...	4.330	3.588	242.8E6	155.9E6	51.906	53.796
4)	MA Heptachlor	4.920	3.926	241.5E6	155.1E6	51.375	52.563
5)	MB Aldrin	5.262	4.206	246.0E6	156.9E6	50.922	52.889
6)	B beta-BHC	4.527	3.885	92858955	61137123	49.996	52.898
7)	B delta-BHC	4.775	4.114	237.6E6	155.1E6	52.750	54.193
8)	B Heptachlo...	5.690	4.707	211.7E6	140.8E6	50.410	52.104
9)	A Endosulfan I	6.077	5.077	191.3E6	128.2E6	48.976	50.985
10)	B gamma-Chl...	5.947	4.957	209.4E6	138.2E6	49.863	51.442
11)	B alpha-Chl...	6.026	5.022	207.2E6	137.2E6	49.190	51.099
12)	B 4,4'-DDE	6.199	5.209	196.7E6	133.1E6	49.144	52.316
13)	MA Dieldrin	6.353	5.342	203.9E6	144.3E6	48.593	51.687
14)	MA Endrin	6.583	5.617	166.9E6	126.0E6	49.700	50.944
15)	B Endosulfa...	6.803	5.912	170.8E6	121.7E6	47.462	51.120
16)	A 4,4'-DDD	6.718	5.765	151.3E6	107.3E6	50.852	54.214
17)	MA 4,4'-DDT	7.032	6.016	147.8E6	108.6E6	49.933	53.348
18)	B Endrin al...	6.933	6.091	130.2E6	93583496	48.735m	50.480
19)	B Endosulfa...	7.169	6.314	159.0E6	110.0E6	49.475	49.574
20)	A Methoxychlor	7.508	6.591	81106914	58329476	48.598	53.463
21)	B Endrin ke...	7.655	6.820	180.1E6	133.7E6	50.117	50.927
22)	Mirex	8.129	7.002	127.2E6	98841339	47.619	48.504

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100323\
Data File : PD078560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 01:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

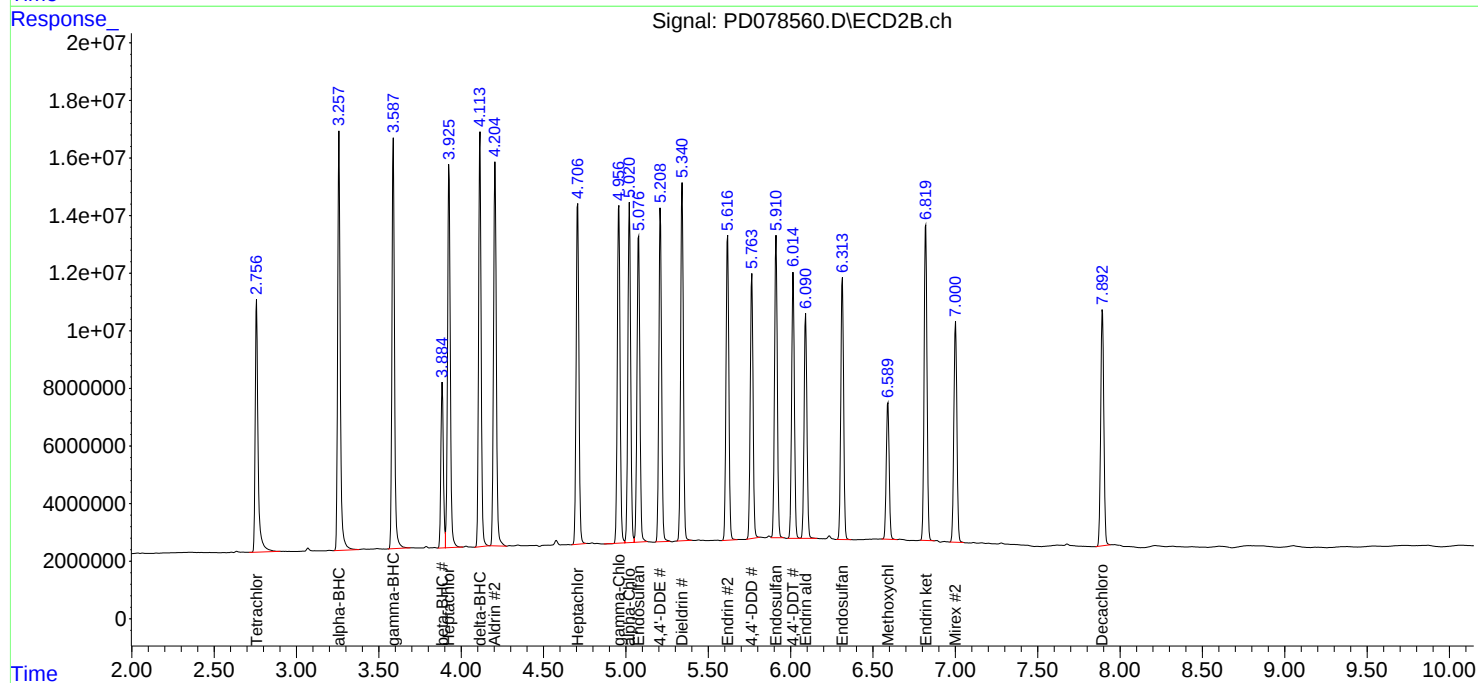
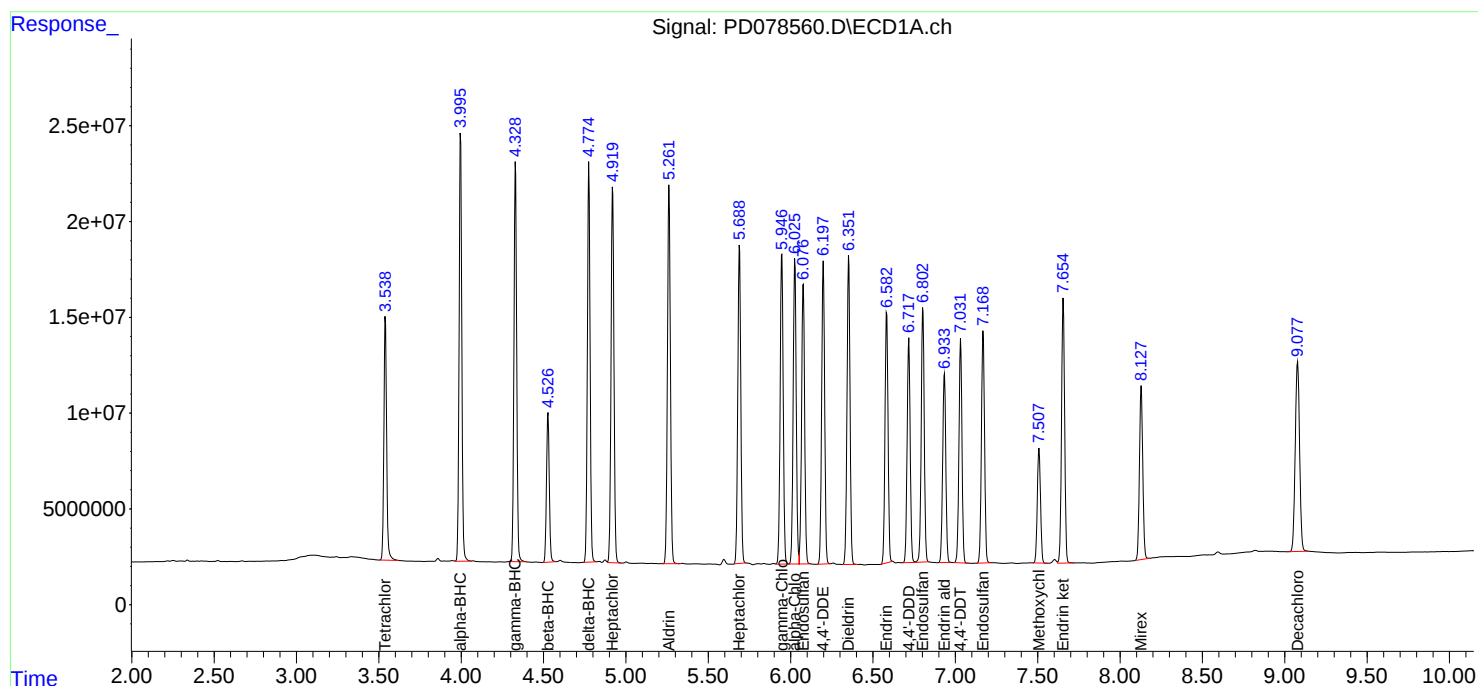
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

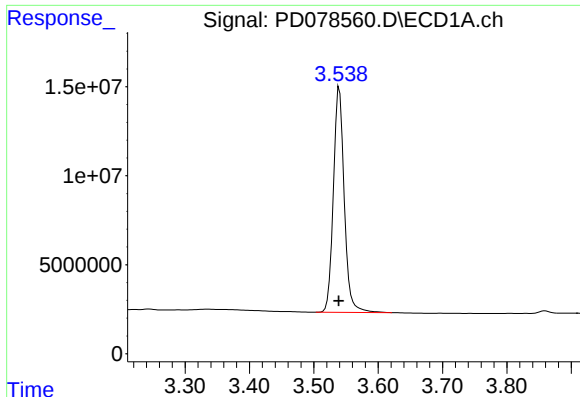
Manual Integrations
APPROVED

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 09:36:11 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: 148654978
Conc: 51.50 ng/ml

Instrument :

ECD_D

ClientSampleId :

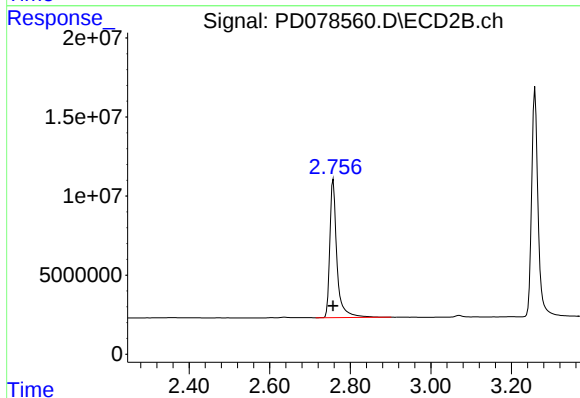
PSTDCCC050

Manual Integrations

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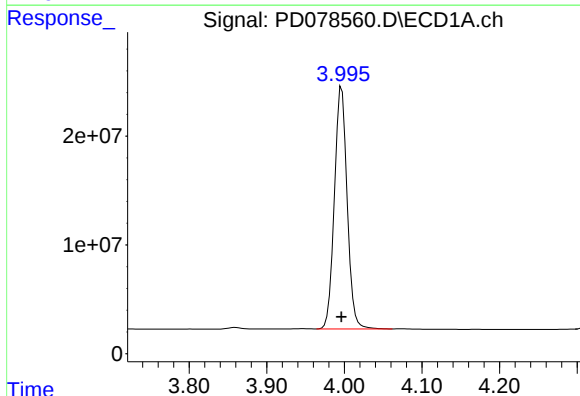
Reviewed By :Abdul Mirza 10/03/2023

Supervised By :Ankita Jodhani 10/03/2023



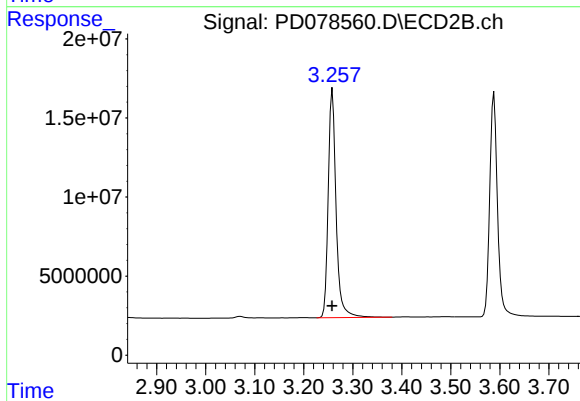
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 106686193
Conc: 52.24 ng/ml



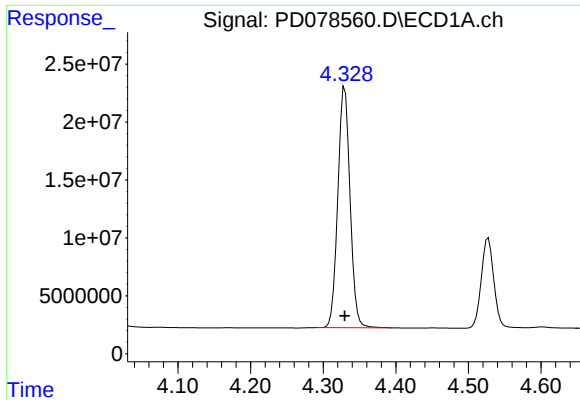
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 254634608
Conc: 52.43 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 160895079
Conc: 53.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 242823752
Conc: 51.91 ng/ml

Instrument :

ECD_D

ClientSampleId :

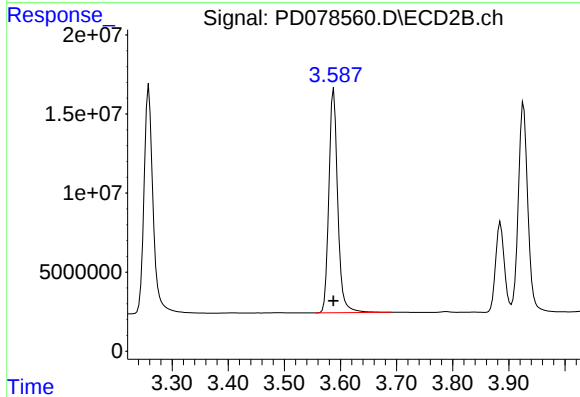
PSTDCCC050

Manual Integrations

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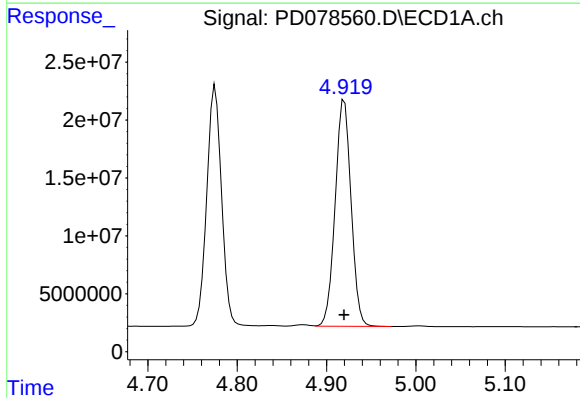
Reviewed By :Abdul Mirza 10/03/2023

Supervised By :Ankita Jodhani 10/03/2023



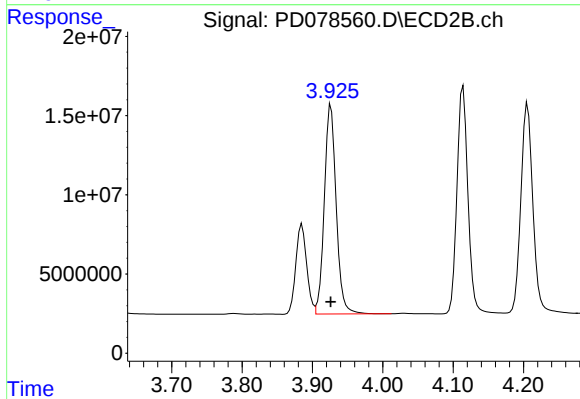
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 155856367
Conc: 53.80 ng/ml



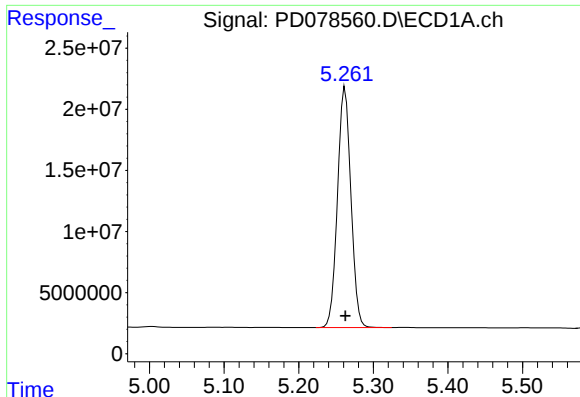
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 241538257
Conc: 51.38 ng/ml



#4 Heptachlor

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 155085255
Conc: 52.56 ng/ml



#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 246007386
Conc: 50.92 ng/ml

Instrument :

ECD_D

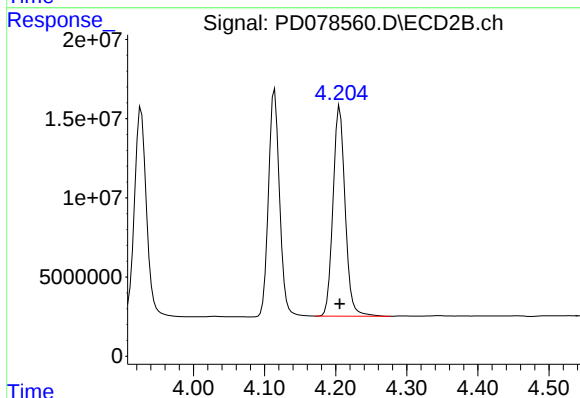
ClientSampleId :

PSTDCCC050

Manual Integrations

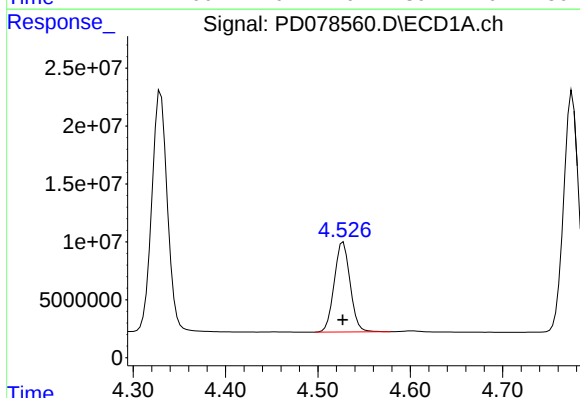
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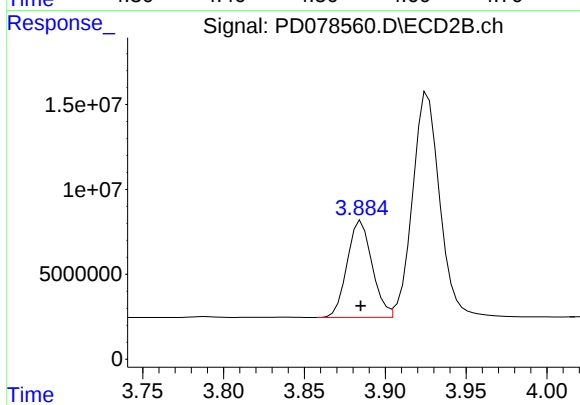
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 156916064
Conc: 52.89 ng/ml



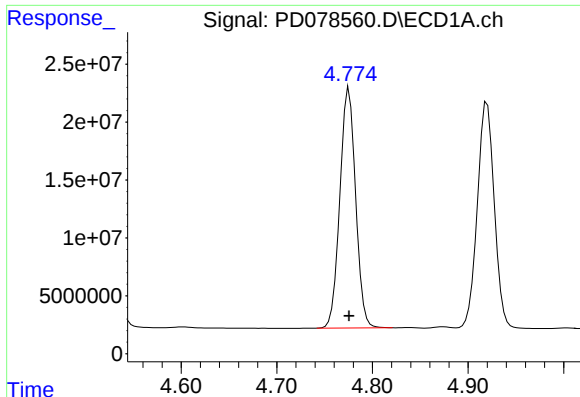
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 92858955
Conc: 50.00 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 61137123
Conc: 52.90 ng/ml



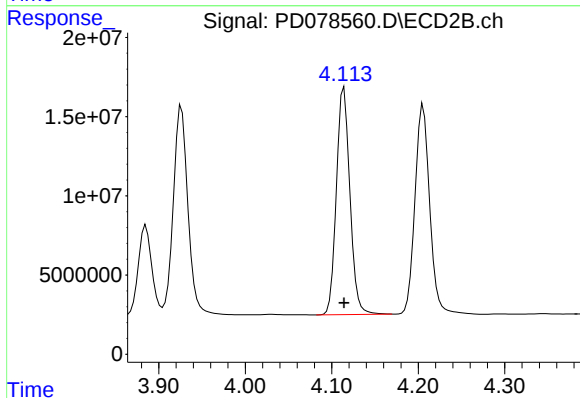
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 237591223
Conc: 52.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

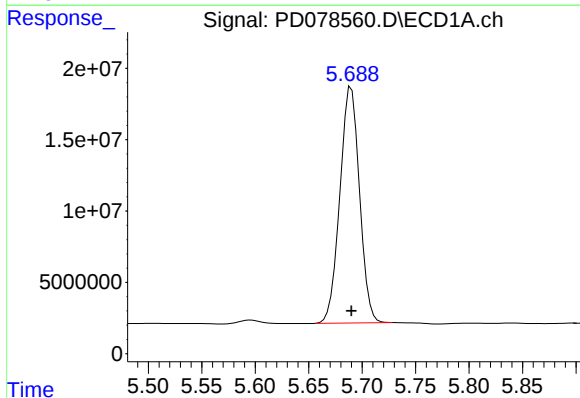
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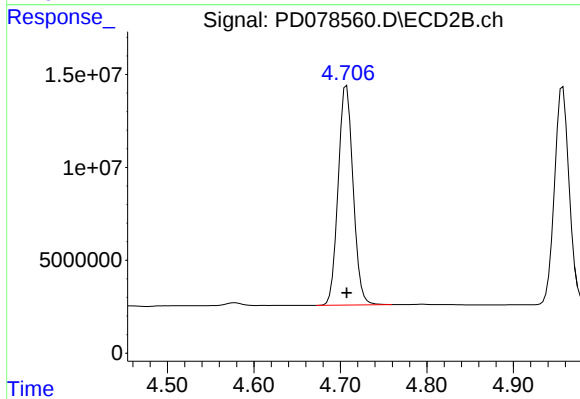
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 155056275
Conc: 54.19 ng/ml



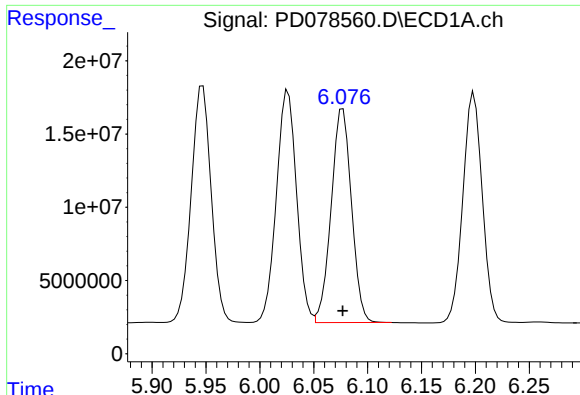
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 211723853
Conc: 50.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 140823131
Conc: 52.10 ng/ml



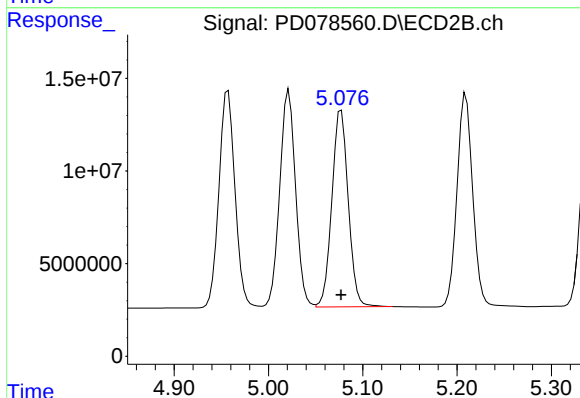
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 191340873
Conc: 48.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

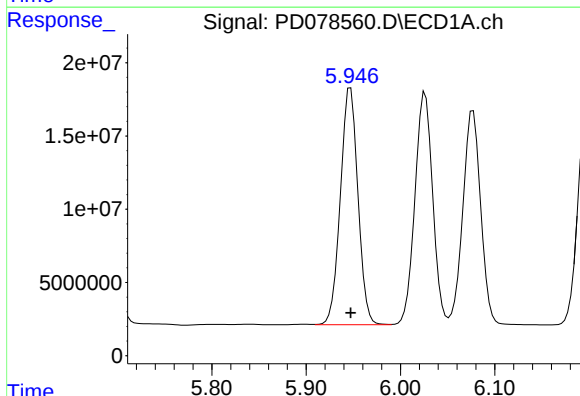
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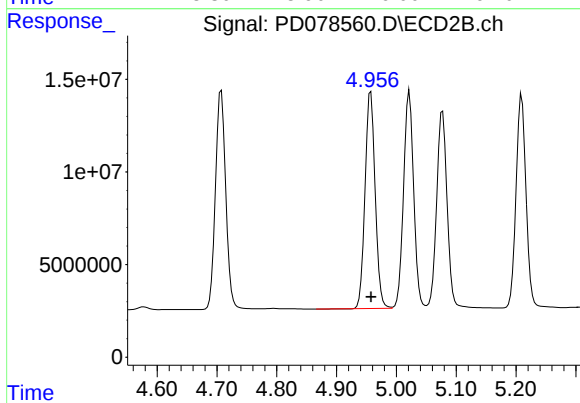
#9 Endosulfan I

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 128210184
Conc: 50.98 ng/ml



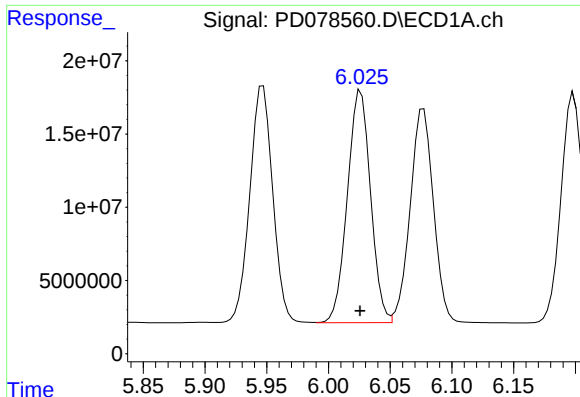
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 209382703
Conc: 49.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 138242247
Conc: 51.44 ng/ml



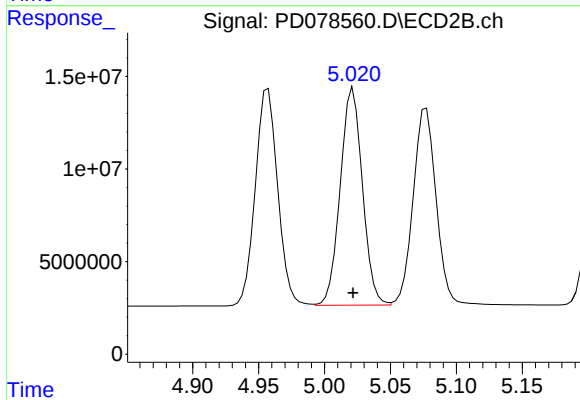
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 207245990
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

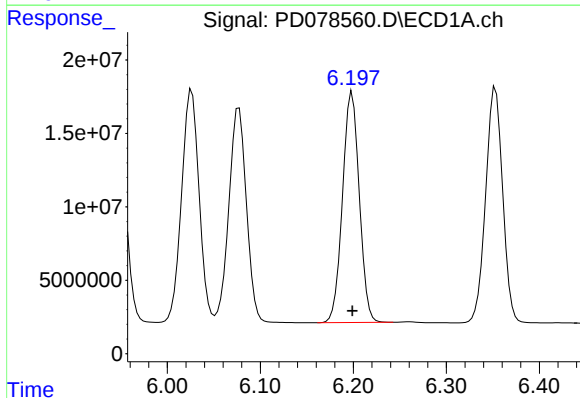
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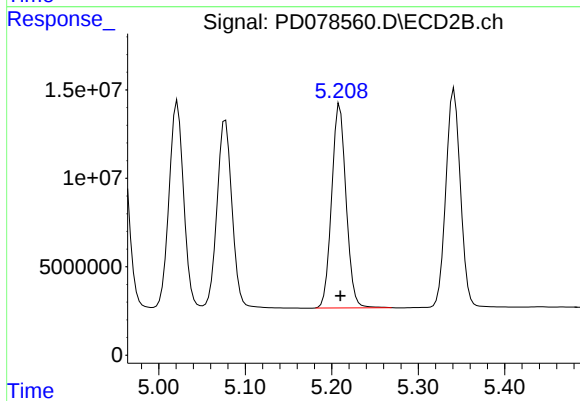
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 137212579
Conc: 51.10 ng/ml



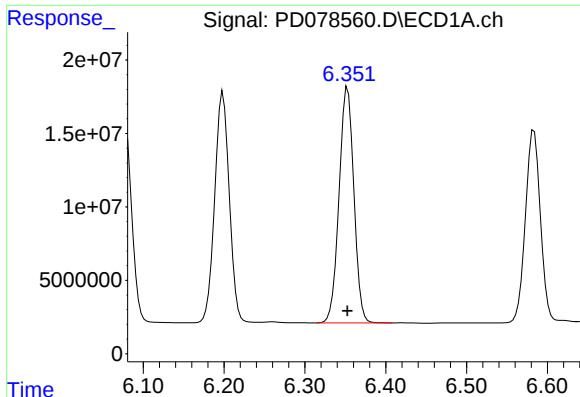
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 196701467
Conc: 49.14 ng/ml



#12 4,4'-DDE

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 133110566
Conc: 52.32 ng/ml



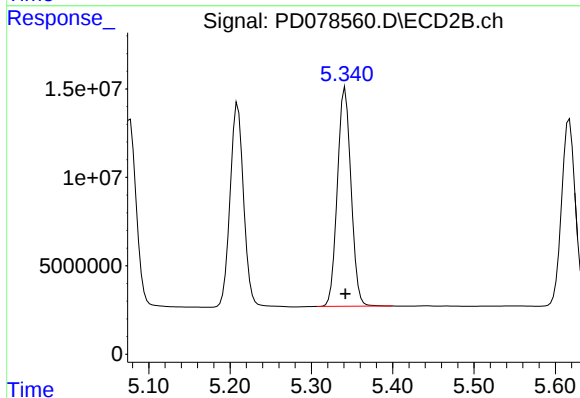
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 203860463
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

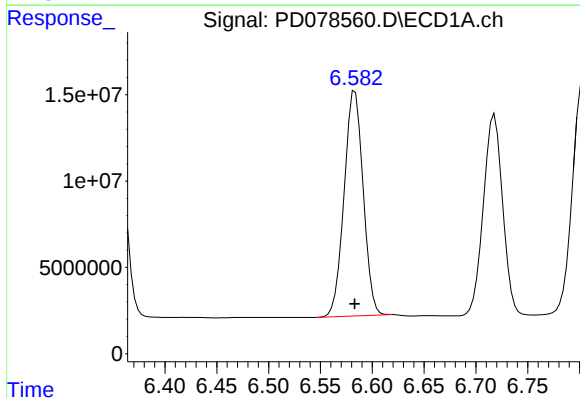
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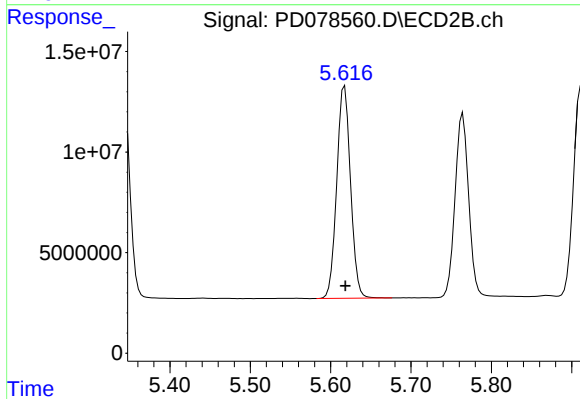
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 144291635
Conc: 51.69 ng/ml



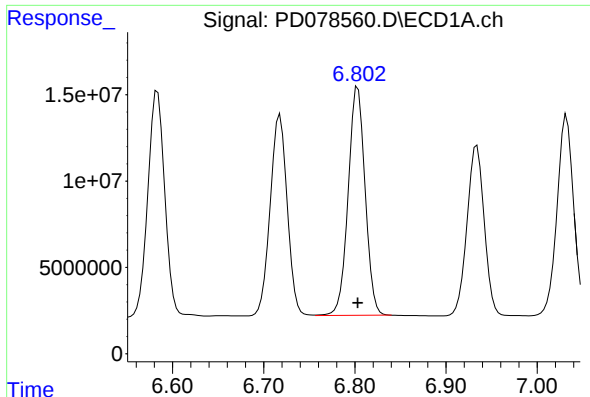
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 166908578
Conc: 49.70 ng/ml



#14 Endrin

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 126047048
Conc: 50.94 ng/ml



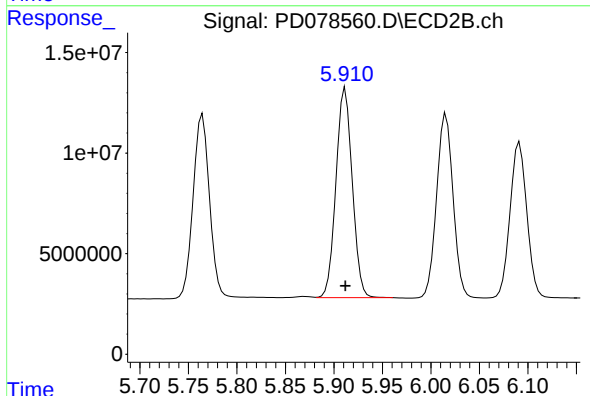
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 170836173
Conc: 47.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

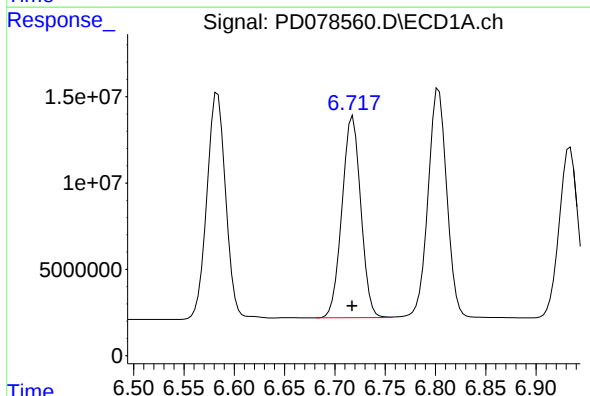
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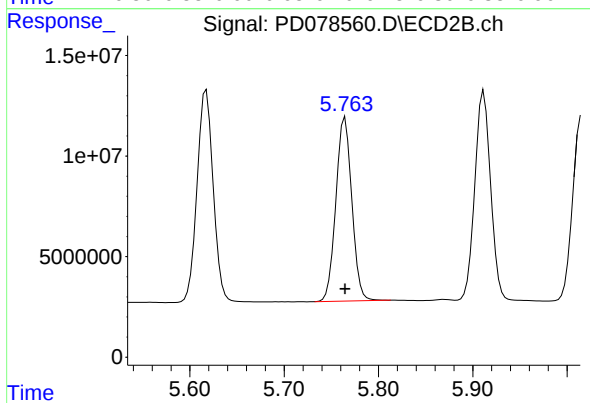
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 121695240
Conc: 51.12 ng/ml



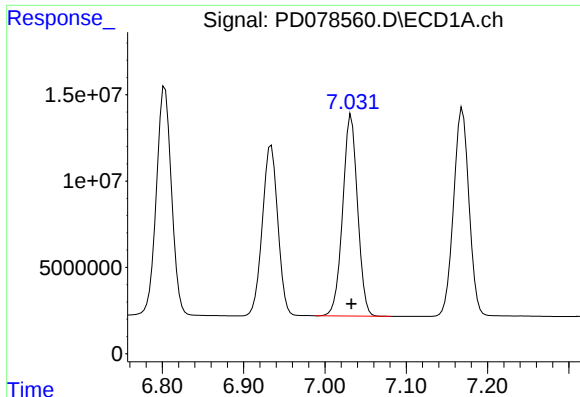
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 151312345
Conc: 50.85 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 107279872
Conc: 54.21 ng/ml



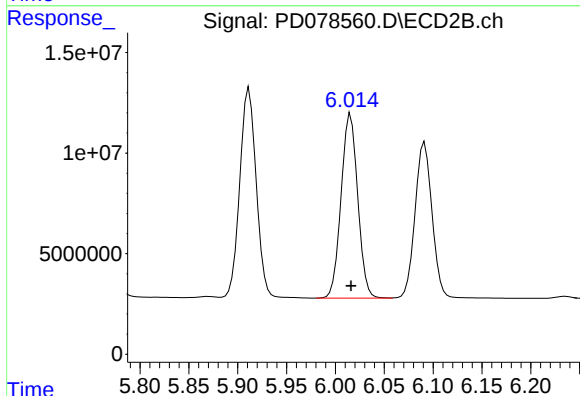
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 147768093
Conc: 49.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

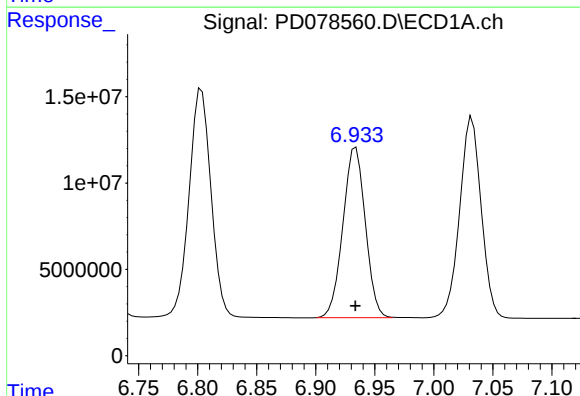
Manual Integrations
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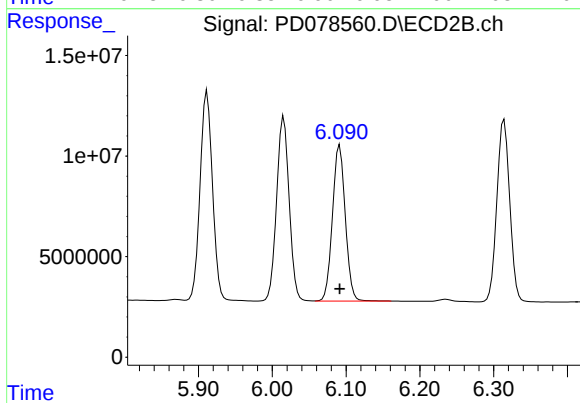
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 108589579
Conc: 53.35 ng/ml



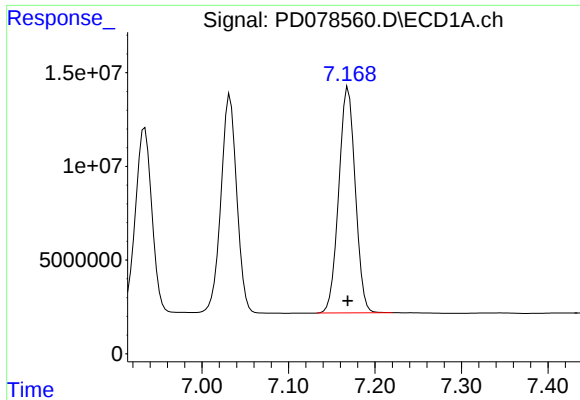
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 130197865
Conc: 48.73 ng/ml m



#18 Endrin aldehyde

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 93583496
Conc: 50.48 ng/ml



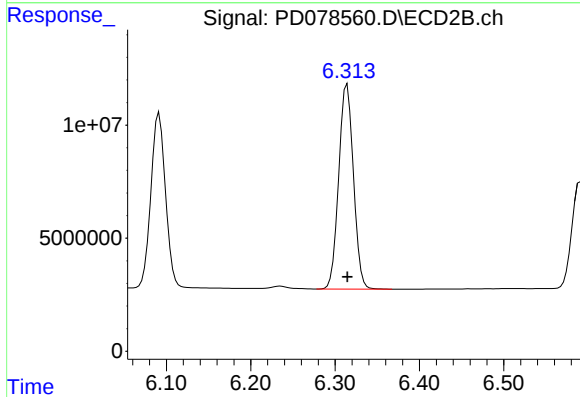
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 158959493
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

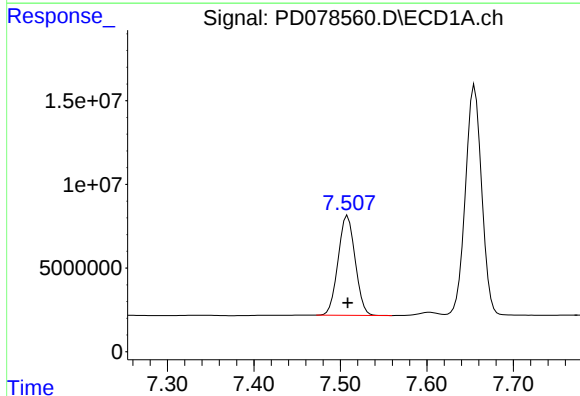
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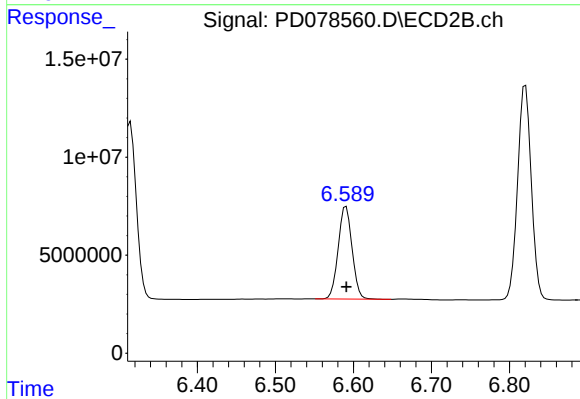
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 109983397
Conc: 49.57 ng/ml



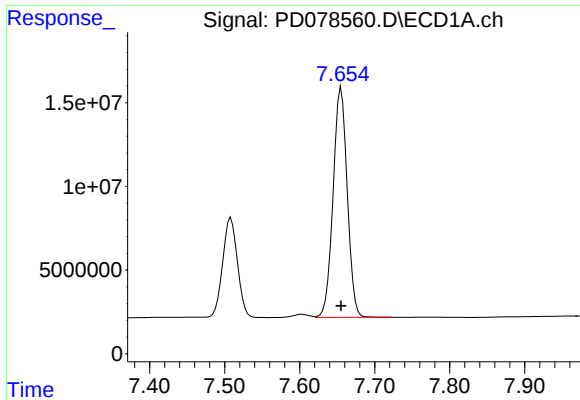
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 81106914
Conc: 48.60 ng/ml



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 58329476
Conc: 53.46 ng/ml



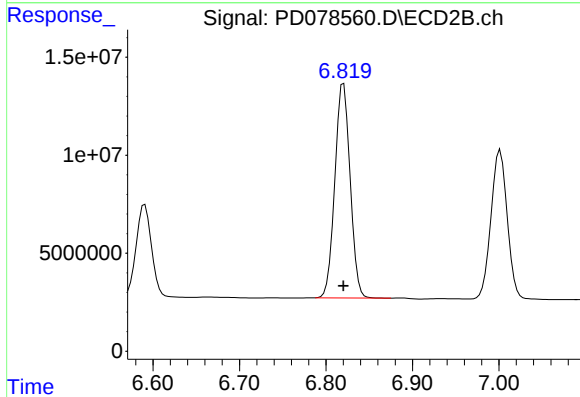
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 180064403
Conc: 50.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

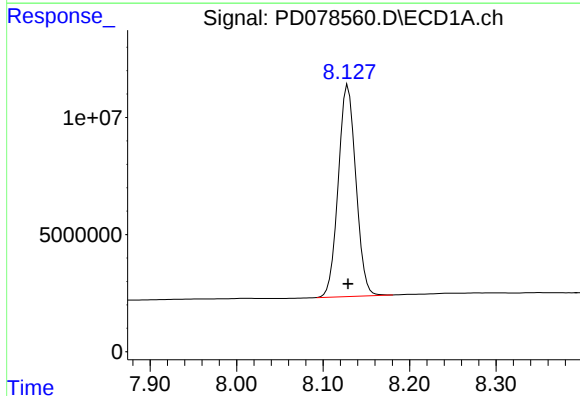
Manual Integrations
APPROVED

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



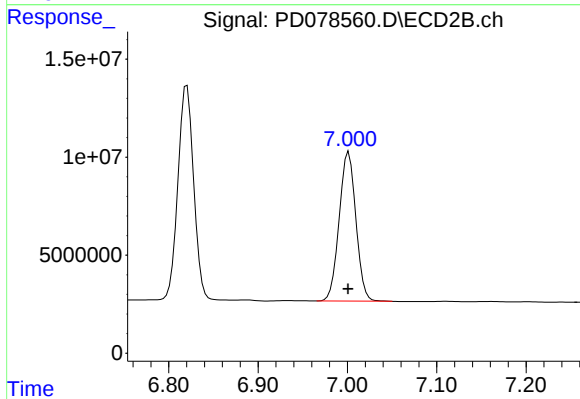
#21 Endrin ketone

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 133663262
Conc: 50.93 ng/ml



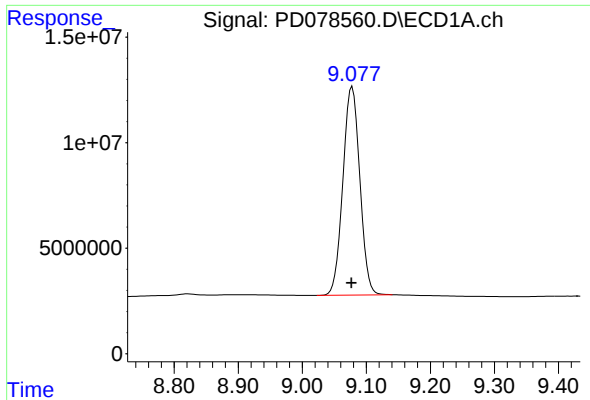
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 127187689
Conc: 47.62 ng/ml



#22 Mirex

R.T.: 7.002 min
Delta R.T.: 0.000 min
Response: 98841339
Conc: 48.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.001 min
Response: 181316050
Conc: 48.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

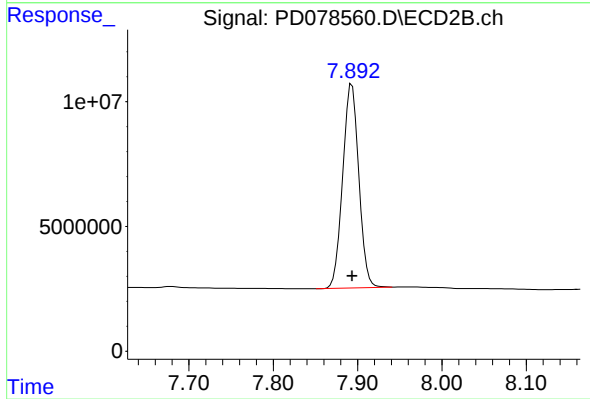
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: 0.000 min
Response: 108645990
Conc: 47.88 ng/ml