

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122623\
 Data File : PD080472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 19:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:25:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 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...	3.566	2.798	72332687	131.9E6	47.991	52.477
28)	SA Decachlor...	9.108	7.938	94329368	139.9E6	46.601	49.643
Target Compounds							
2)	A alpha-BHC	4.023	3.301	120.4E6	207.6E6	47.918	54.301
3)	MA gamma-BHC...	4.356	3.630	114.1E6	197.2E6	48.146	54.254
4)	MA Heptachlor	4.949	3.971	115.6E6	186.9E6	46.993	53.295
5)	MB Aldrin	5.292	4.252	113.0E6	189.7E6	47.572	53.291
6)	B beta-BHC	4.550	3.925	47562674	82536228	47.526	53.465
7)	B delta-BHC	4.799	4.156	119.5E6	204.7E6	48.790	54.357
8)	B Heptachlo...	5.718	4.754	108.3E6	170.3E6	49.156	51.936
9)	A Endosulfan I	6.104	5.123	98262109	156.2E6	47.786	51.732
10)	B gamma-Chl...	5.973	5.003	101.6E6	169.9E6	46.665m	52.709
11)	B alpha-Chl...	6.054	5.067	103.4E6	168.1E6	47.928	52.320
12)	B 4,4'-DDE	6.225	5.256	95236110	160.7E6	47.497	53.326
13)	MA Dieldrin	6.380	5.388	103.2E6	173.1E6	47.285	52.854
14)	MA Endrin	6.610	5.663	85122436	147.3E6	46.939	52.429
15)	B Endosulfa...	6.828	5.955	88976633	143.1E6	46.706	52.450
16)	A 4,4'-DDD	6.741	5.809	79621505	137.1E6	47.528	53.230
17)	MA 4,4'-DDT	7.056	6.061	79138827	127.5E6	44.482	50.167
18)	B Endrin al...	6.958	6.135	65826234	105.5E6	45.949	51.408
19)	B Endosulfa...	7.192	6.357	87872987	139.6E6	46.344	52.065
20)	A Methoxychlor	7.530	6.635	44099985	71633877	44.618	48.986
21)	B Endrin ke...	7.679	6.863	98251518	163.4E6	47.453	52.277
22)	Mirex	8.154	7.047	74256040	121.3E6	45.393	50.121

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122623\
Data File : PD080472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Dec 2023 19:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

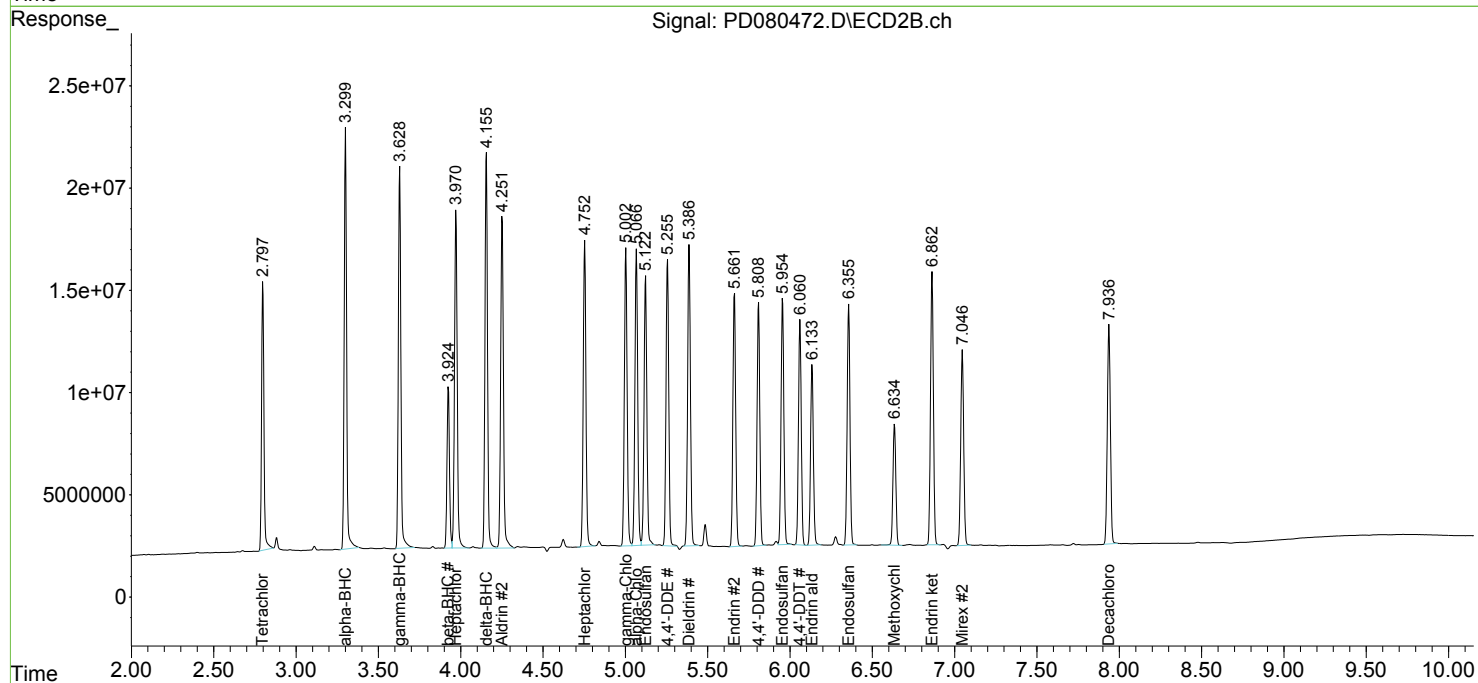
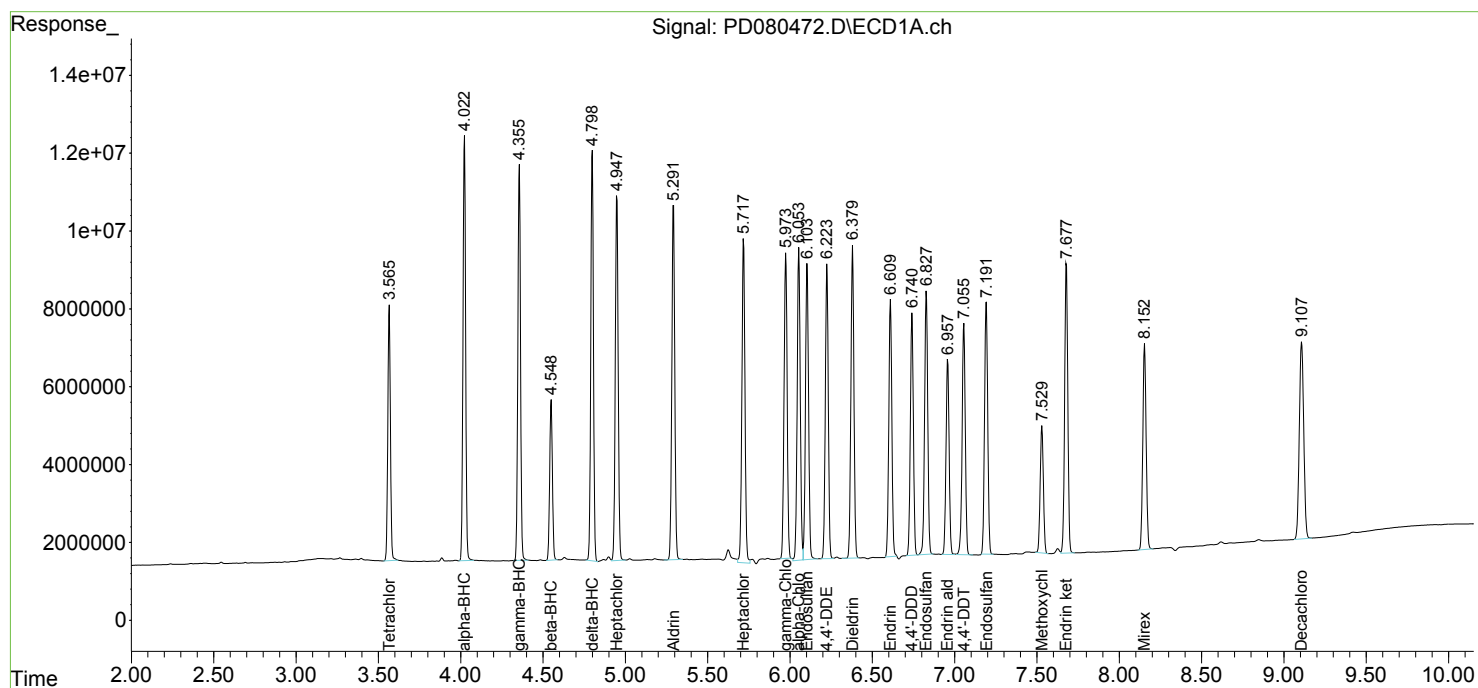
APPROVED

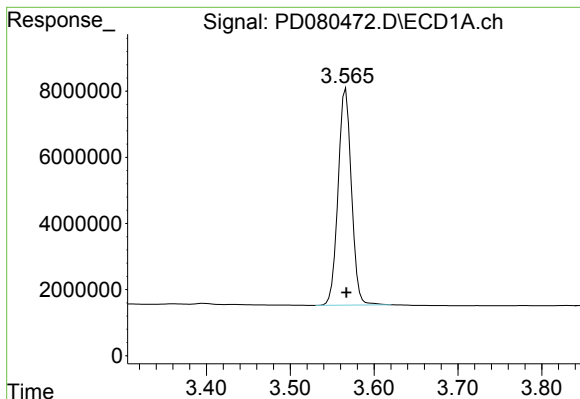
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 25 23:25:53 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 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.: 3.566 min
Delta R.T.: 0.000 min
Response: 72332687
Conc: 47.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

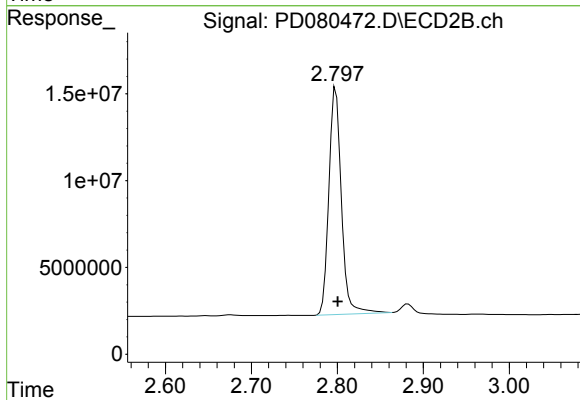
PSTDCCC050

Manual Integrations

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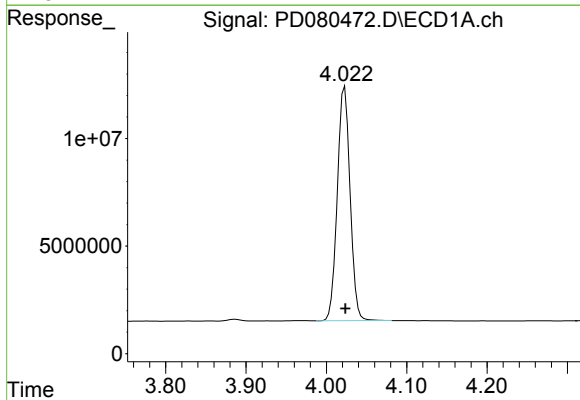
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/28/2023



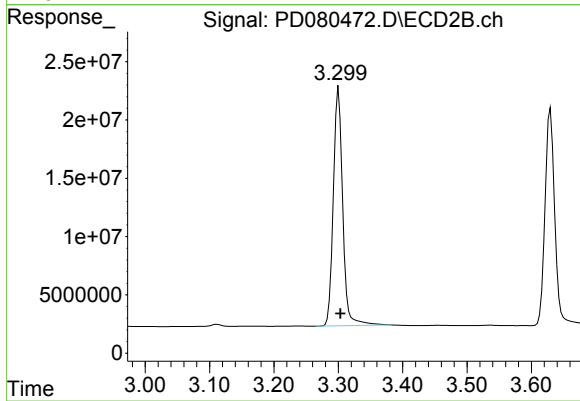
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: -0.002 min
Response: 131917491
Conc: 52.48 ng/ml



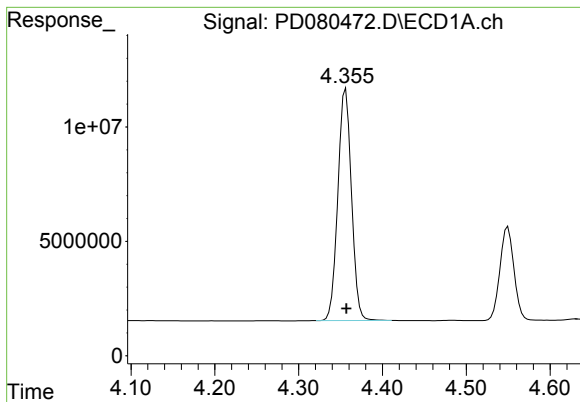
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 120364667
Conc: 47.92 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.002 min
Response: 207631505
Conc: 54.30 ng/ml



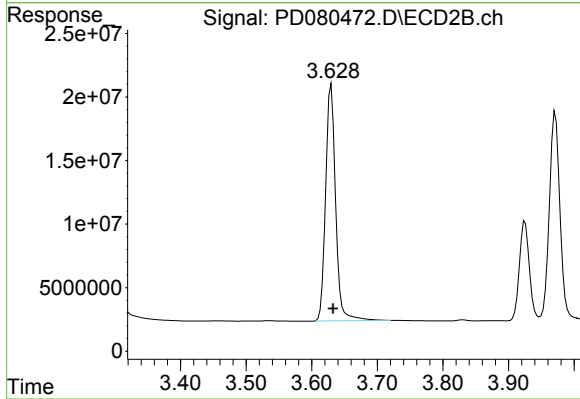
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 114067444
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

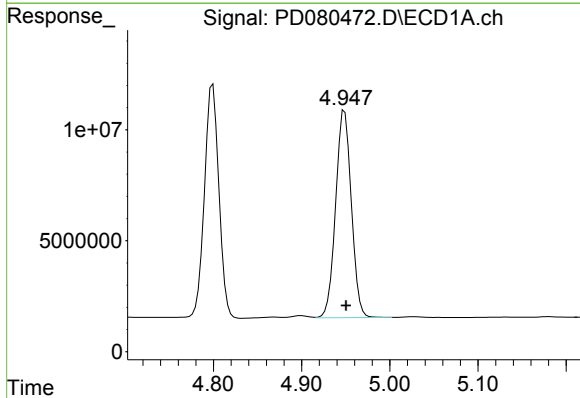
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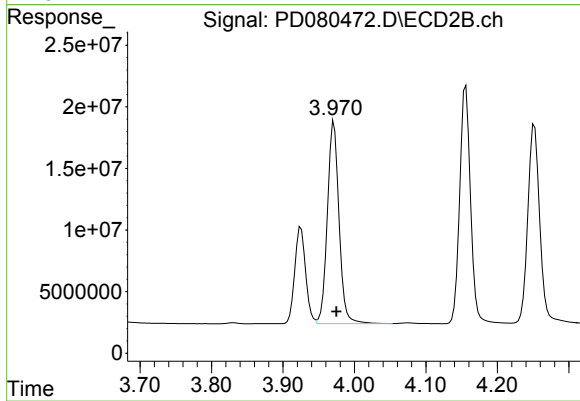
#3 gamma-BHC (Lindane)

R.T.: 3.630 min
Delta R.T.: -0.003 min
Response: 197161527
Conc: 54.25 ng/ml



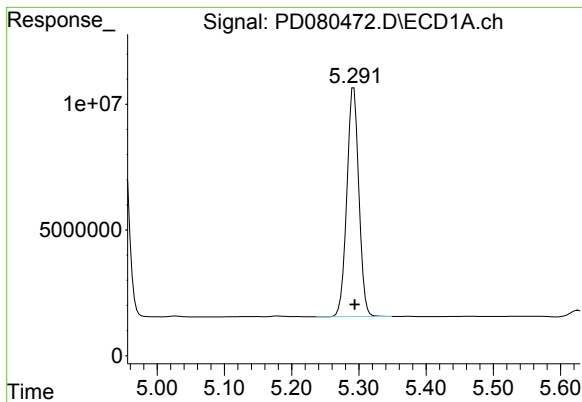
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: -0.002 min
Response: 115568918
Conc: 46.99 ng/ml



#4 Heptachlor

R.T.: 3.971 min
Delta R.T.: -0.003 min
Response: 186876497
Conc: 53.30 ng/ml



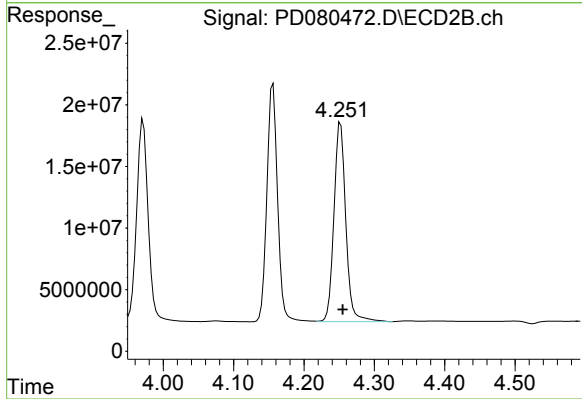
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 112969473
Conc: 47.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

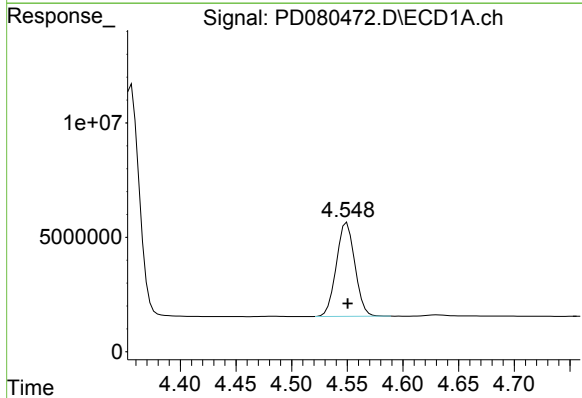
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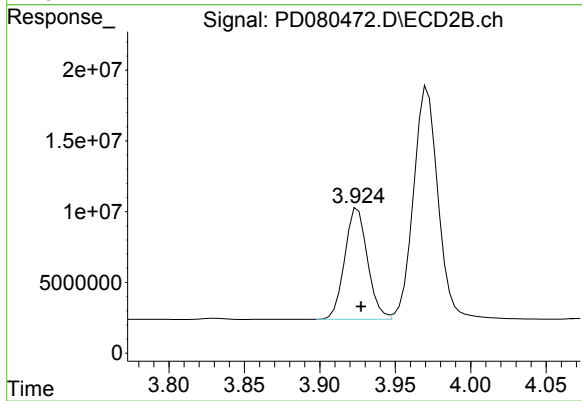
#5 Aldrin

R.T.: 4.252 min
Delta R.T.: -0.003 min
Response: 189722048
Conc: 53.29 ng/ml



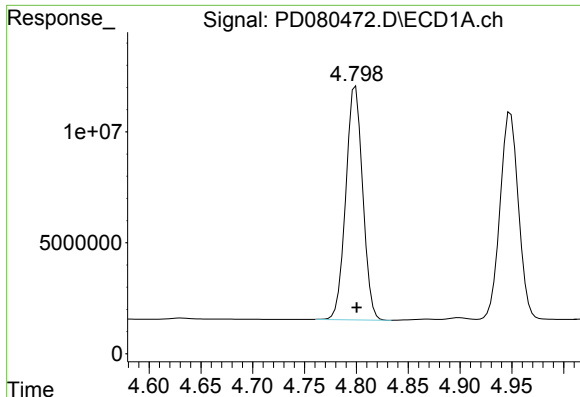
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 47562674
Conc: 47.53 ng/ml



#6 beta-BHC

R.T.: 3.925 min
Delta R.T.: -0.002 min
Response: 82536228
Conc: 53.46 ng/ml



#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 119483593
Conc: 48.79 ng/ml

Instrument :

ECD_D

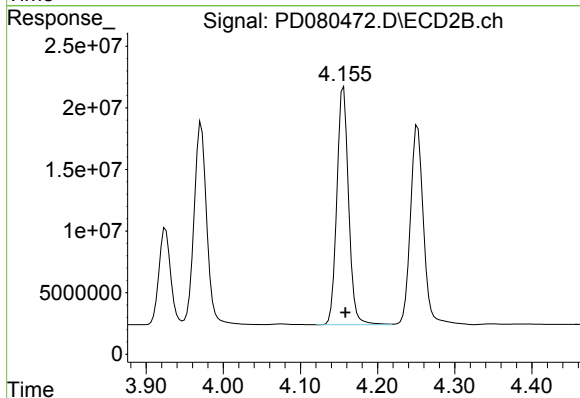
ClientSampleId :

PSTDCCC050

Manual Integrations

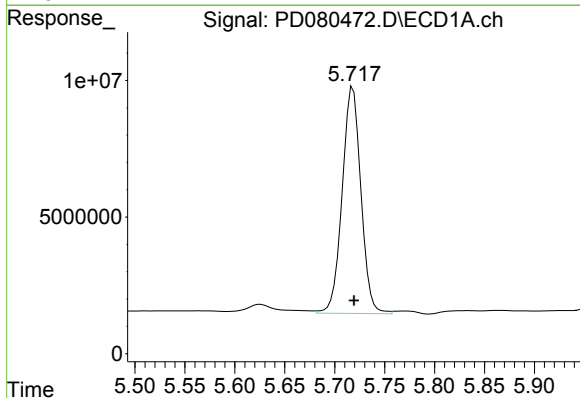
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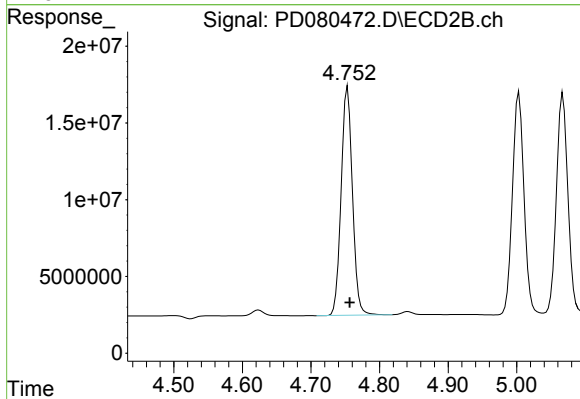
#7 delta-BHC

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 204688485
Conc: 54.36 ng/ml



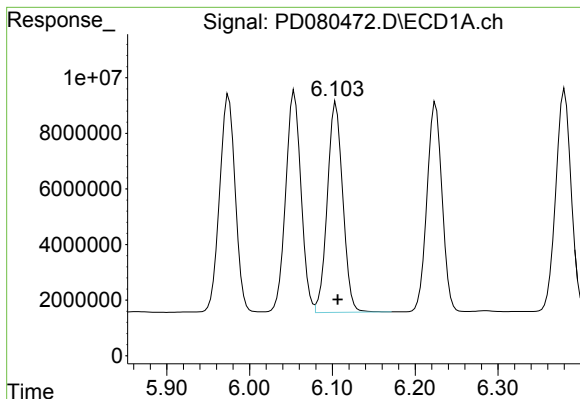
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 108282017
Conc: 49.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.754 min
Delta R.T.: -0.003 min
Response: 170316969
Conc: 51.94 ng/ml



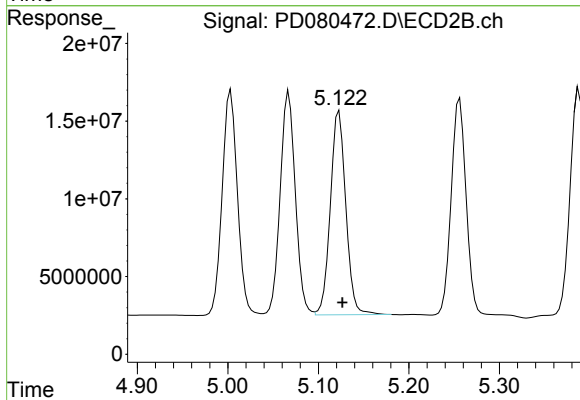
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 98262109
Conc: 47.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

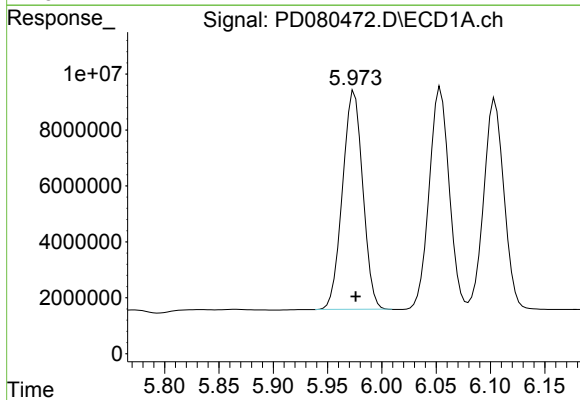
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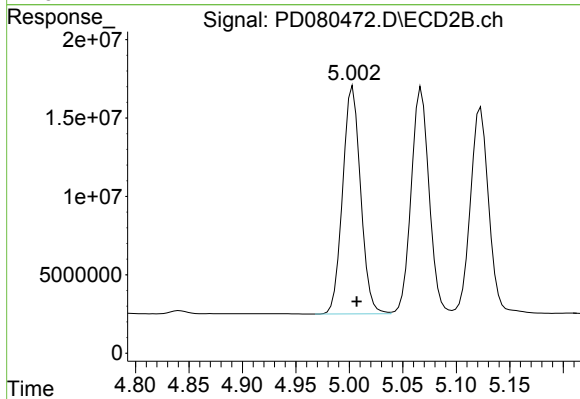
#9 Endosulfan I

R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 156192763
Conc: 51.73 ng/ml



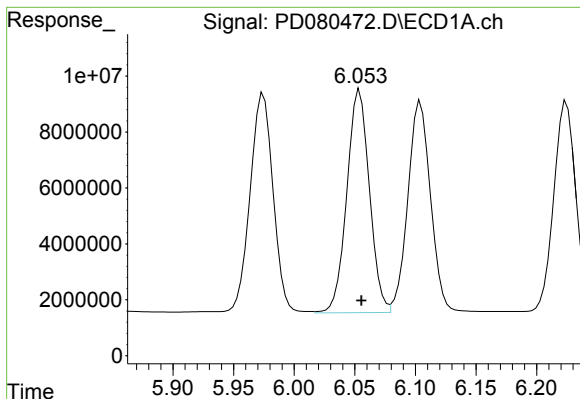
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 101588524
Conc: 46.67 ng/ml m



#10 gamma-Chlordane

R.T.: 5.003 min
Delta R.T.: -0.004 min
Response: 169915067
Conc: 52.71 ng/ml



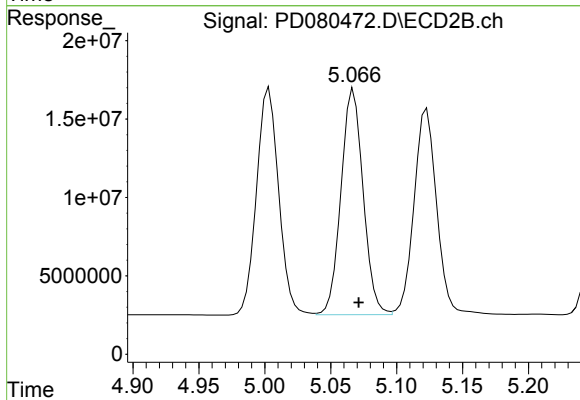
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.001 min
Response: 103387828
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

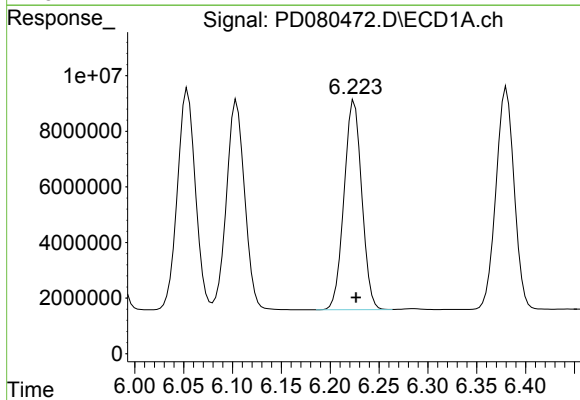
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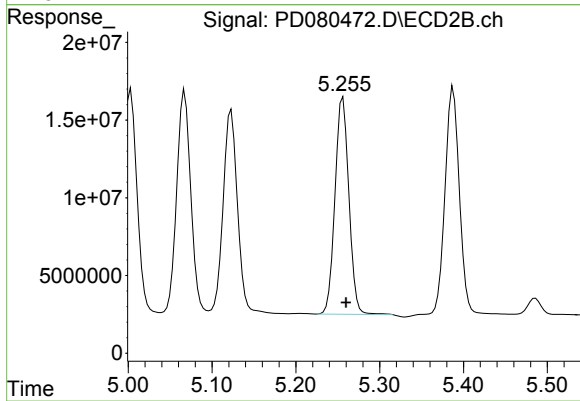
#11 alpha-Chlordane

R.T.: 5.067 min
Delta R.T.: -0.004 min
Response: 168148160
Conc: 52.32 ng/ml



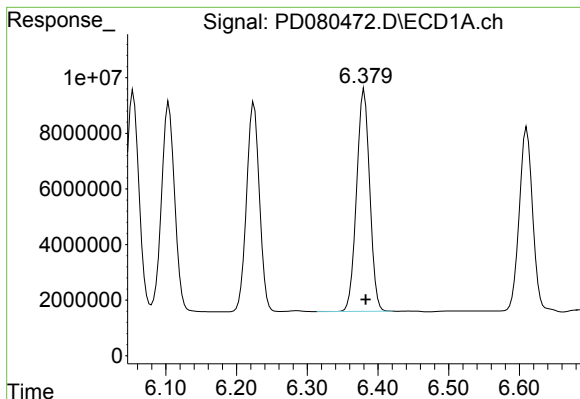
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 95236110
Conc: 47.50 ng/ml



#12 4,4'-DDE

R.T.: 5.256 min
Delta R.T.: -0.004 min
Response: 160737325
Conc: 53.33 ng/ml



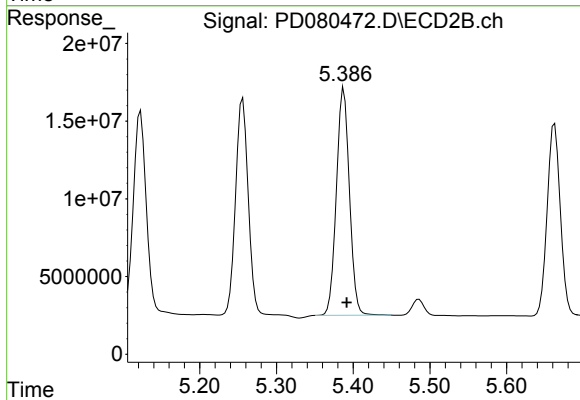
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 103169453
Conc: 47.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

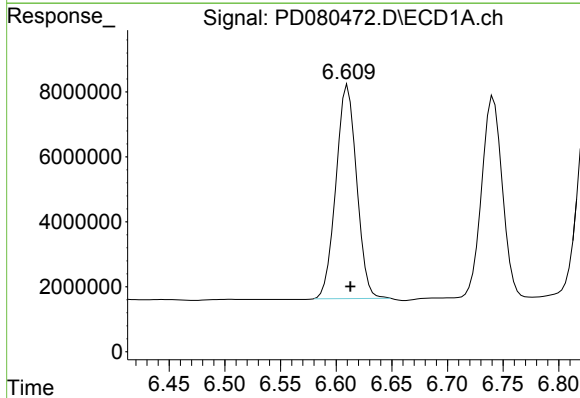
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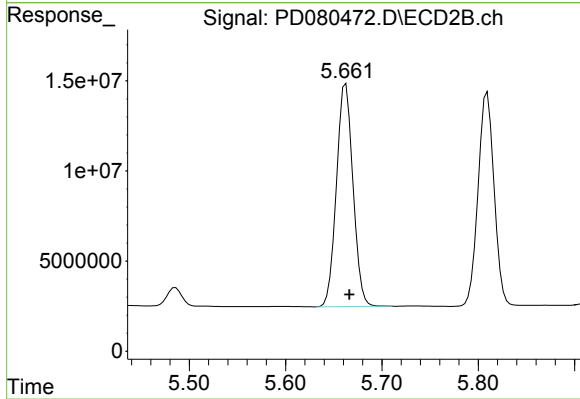
#13 Dieldrin

R.T.: 5.388 min
Delta R.T.: -0.004 min
Response: 173066514
Conc: 52.85 ng/ml



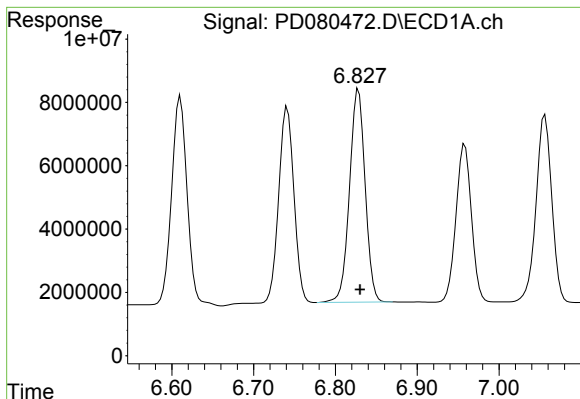
#14 Endrin

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 85122436
Conc: 46.94 ng/ml



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.004 min
Response: 147329482
Conc: 52.43 ng/ml



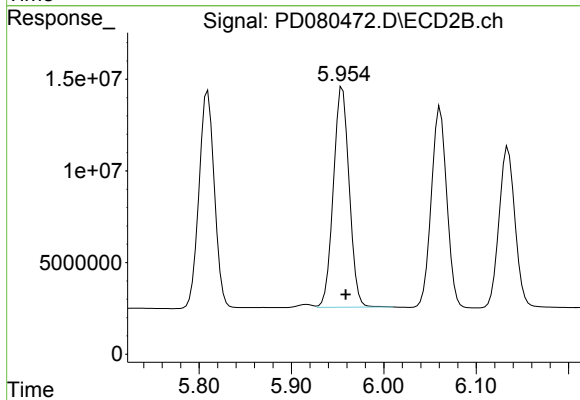
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 88976633
Conc: 46.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

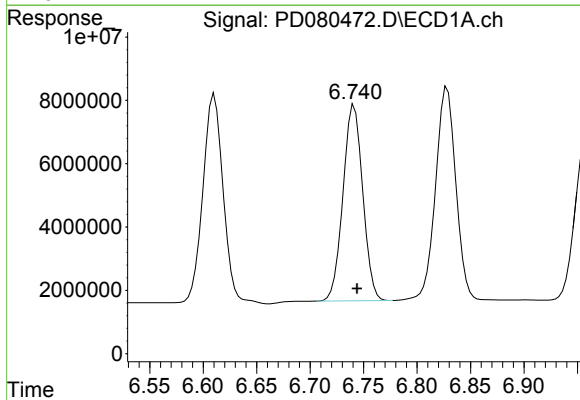
Manual Integrations
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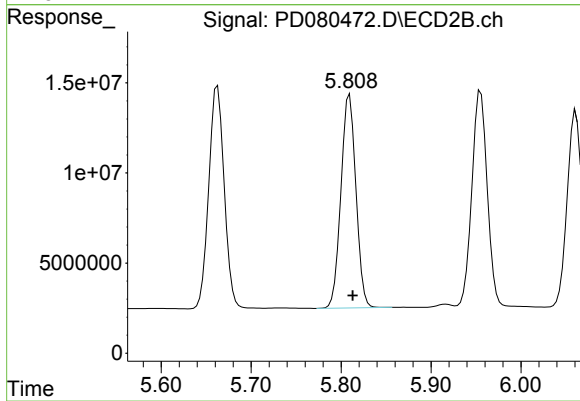
#15 Endosulfan II

R.T.: 5.955 min
Delta R.T.: -0.004 min
Response: 143112911
Conc: 52.45 ng/ml



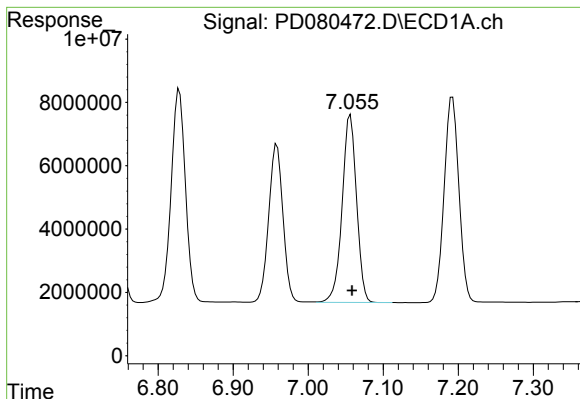
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 79621505
Conc: 47.53 ng/ml



#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 137068654
Conc: 53.23 ng/ml



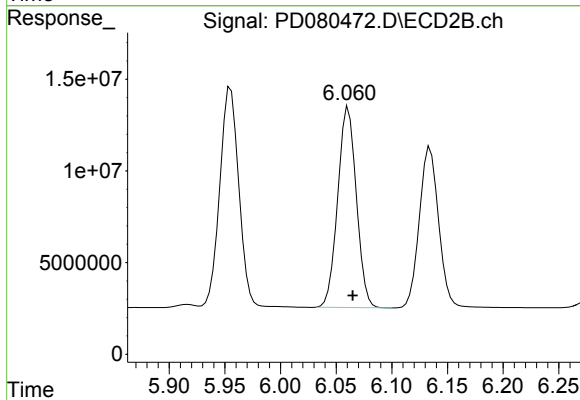
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 79138827
Conc: 44.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

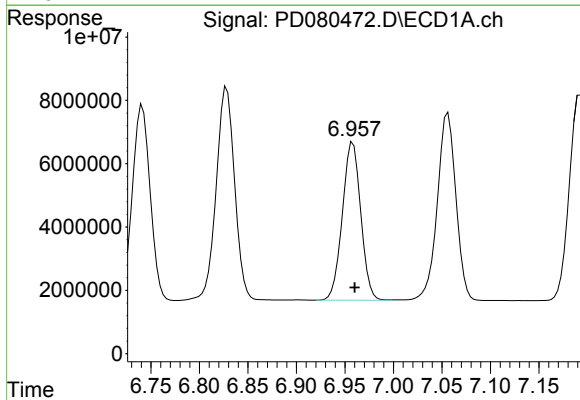
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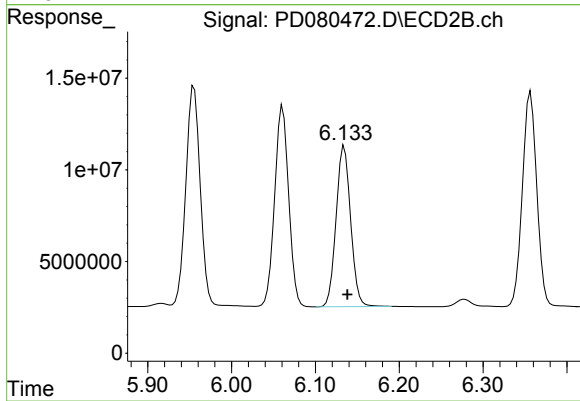
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 127452380
Conc: 50.17 ng/ml



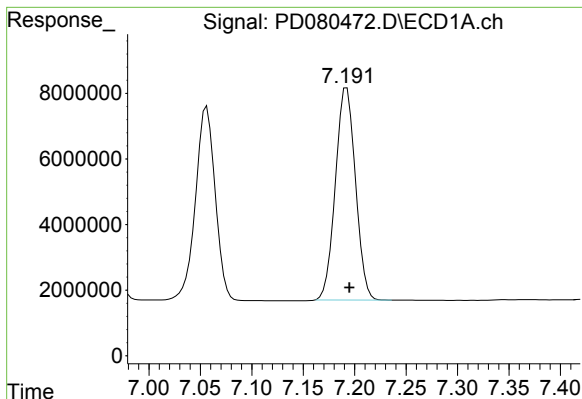
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 65826234
Conc: 45.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 105535255
Conc: 51.41 ng/ml



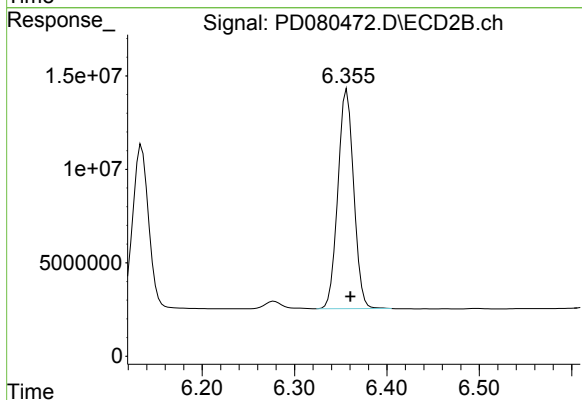
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 87872987
Conc: 46.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

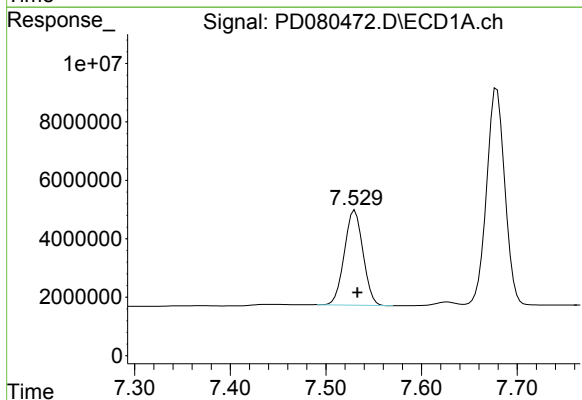
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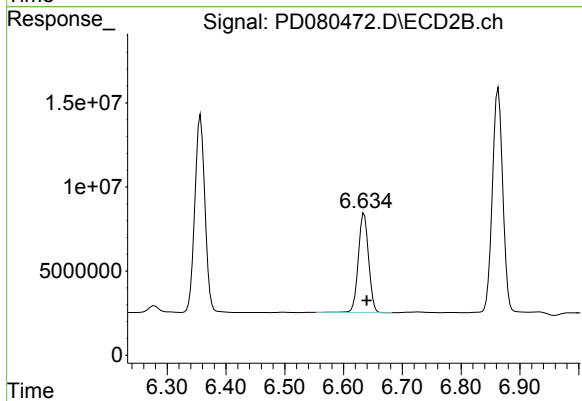
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 139583904
Conc: 52.06 ng/ml



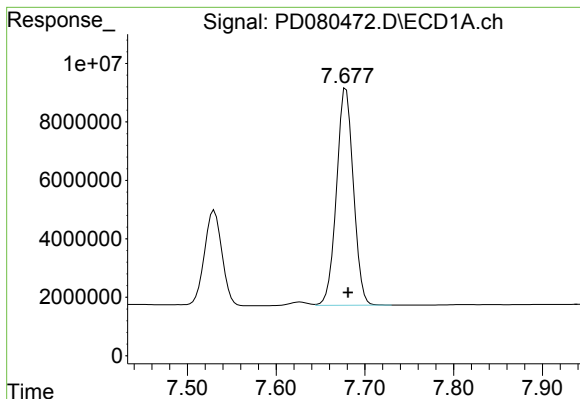
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 44099985
Conc: 44.62 ng/ml



#20 Methoxychlor

R.T.: 6.635 min
Delta R.T.: -0.005 min
Response: 71633877
Conc: 48.99 ng/ml



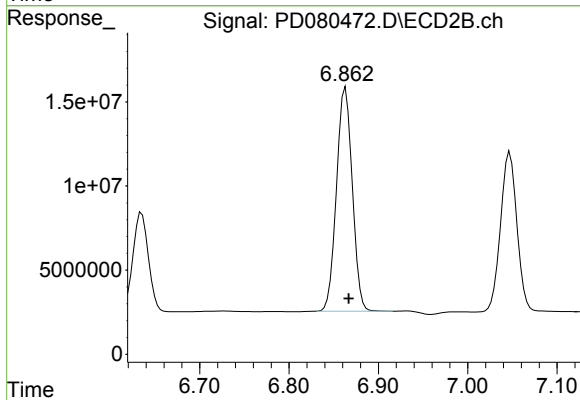
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 98251518
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

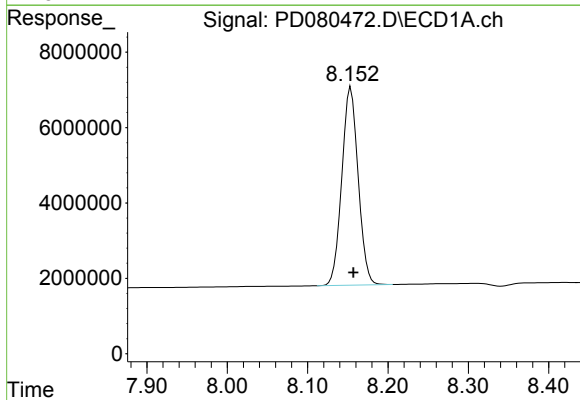
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/28/2023



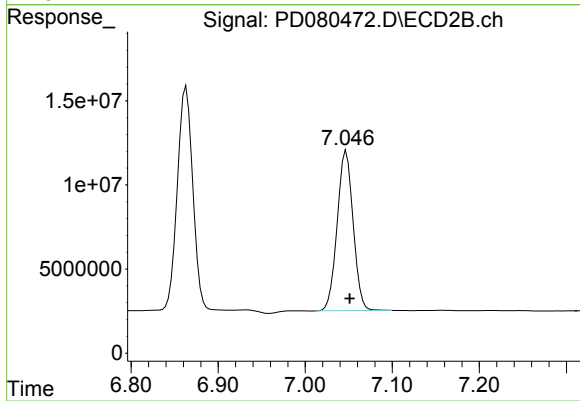
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: -0.003 min
Response: 163380357
Conc: 52.28 ng/ml



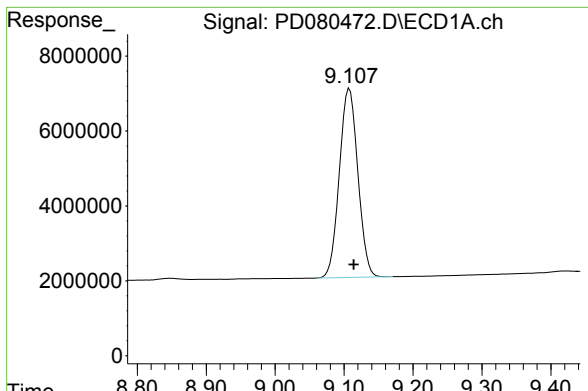
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 74256040
Conc: 45.39 ng/ml



#22 Mirex

R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 121302429
Conc: 50.12 ng/ml



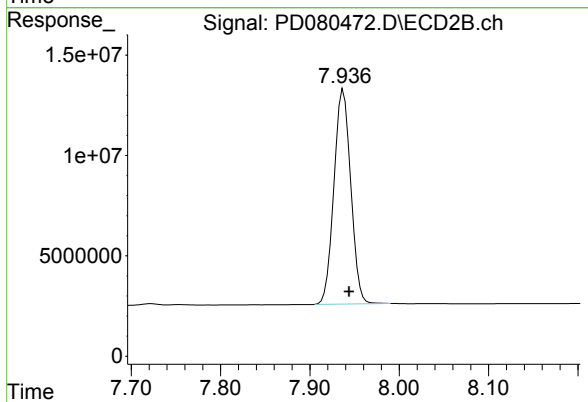
#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: -0.006 min
Response: 94329368
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.938 min
Delta R.T.: -0.006 min
Response: 139940666
Conc: 49.64 ng/ml