

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020724\
 Data File : PD081185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2024 17:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/08/2024
 Supervised By :Ankita Jodhani 02/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 04:22:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.565	2.795	74415900	132.9E6	52.422	55.545
28)	SA Decachlor...	9.111	7.932	87450823	121.6E6	43.455	45.641
Target Compounds							
2)	A alpha-BHC	4.022	3.296	130.4E6	212.6E6	52.492	55.405
3)	MA gamma-BHC...	4.355	3.625	128.2E6	205.4E6	52.370	54.944
4)	MA Heptachlor	4.948	3.966	121.9E6	184.4E6	49.425	53.487
5)	MB Aldrin	5.292	4.247	123.3E6	201.7E6	50.236	55.387
6)	B beta-BHC	4.549	3.921	51979844	83496652	51.371	53.435
7)	B delta-BHC	4.799	4.152	130.3E6	213.3E6	51.919	56.836
8)	B Heptachlo...	5.718	4.748	116.5E6	174.4E6	52.031	52.070
9)	A Endosulfan I	6.105	5.117	102.6E6	155.7E6	49.458	50.830
10)	B gamma-Chl...	5.973	4.997	108.7E6	172.5E6	49.637m	52.746
11)	B alpha-Chl...	6.054	5.062	108.5E6	170.2E6	49.827	52.042
12)	B 4,4'-DDE	6.224	5.249	100.1E6	161.4E6	49.183	52.689m
13)	MA Dieldrin	6.380	5.382	106.0E6	178.4E6	47.959	52.470
14)	MA Endrin	6.610	5.657	88214481	165.6E6	47.230	55.887
15)	B Endosulfa...	6.828	5.950	92835580	150.6E6	47.942	52.372
16)	A 4,4'-DDD	6.742	5.804	79306065	138.6E6	48.265	52.778
17)	MA 4,4'-DDT	7.057	6.055	82070558	129.9E6	46.084	48.965
18)	B Endrin al...	6.958	6.129	67996403	107.8E6	44.701	47.793
19)	B Endosulfa...	7.193	6.351	91535940	141.8E6	48.209	50.839
20)	A Methoxychlor	7.531	6.629	45837793	71150277	44.534	45.456
21)	B Endrin ke...	7.679	6.857	102.2E6	162.6E6	48.870	50.399
22)	Mirex	8.155	7.040	73854214	121.2E6	44.777	48.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020724\
Data File : PD081185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2024 17:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

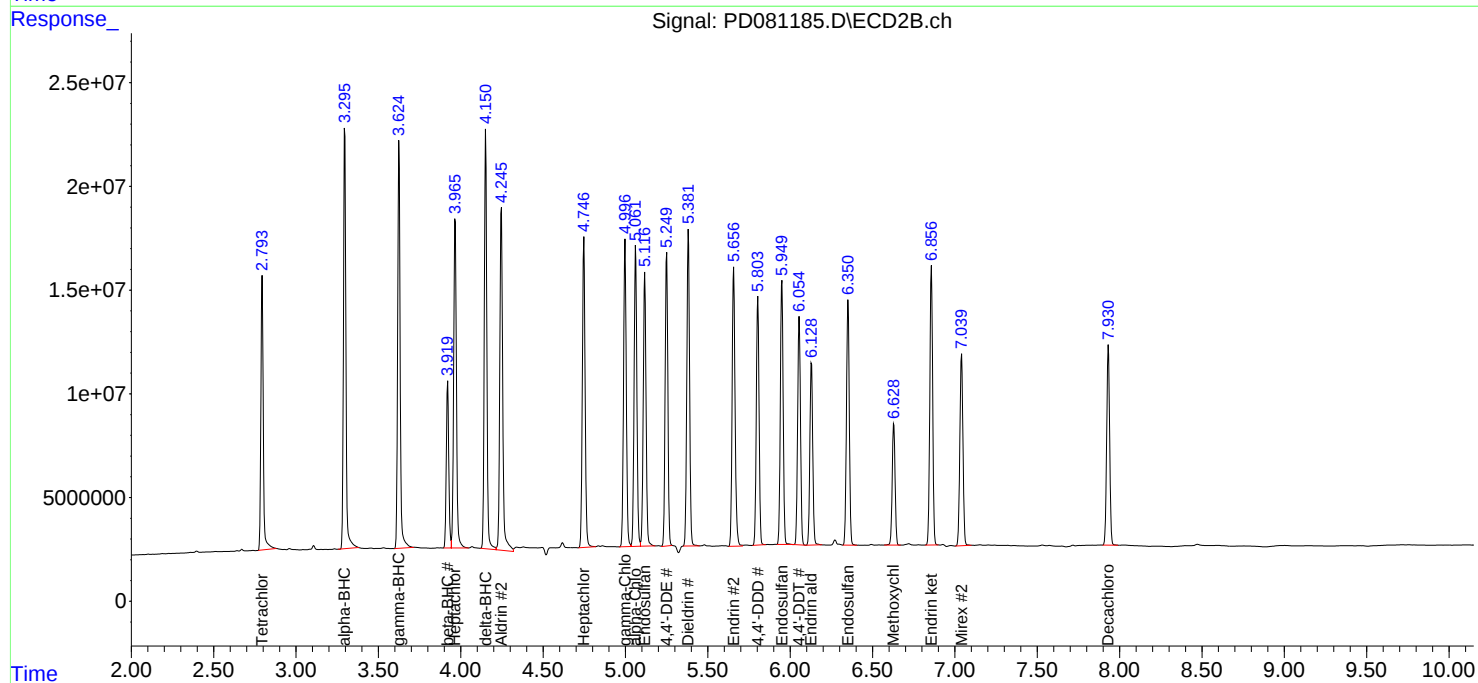
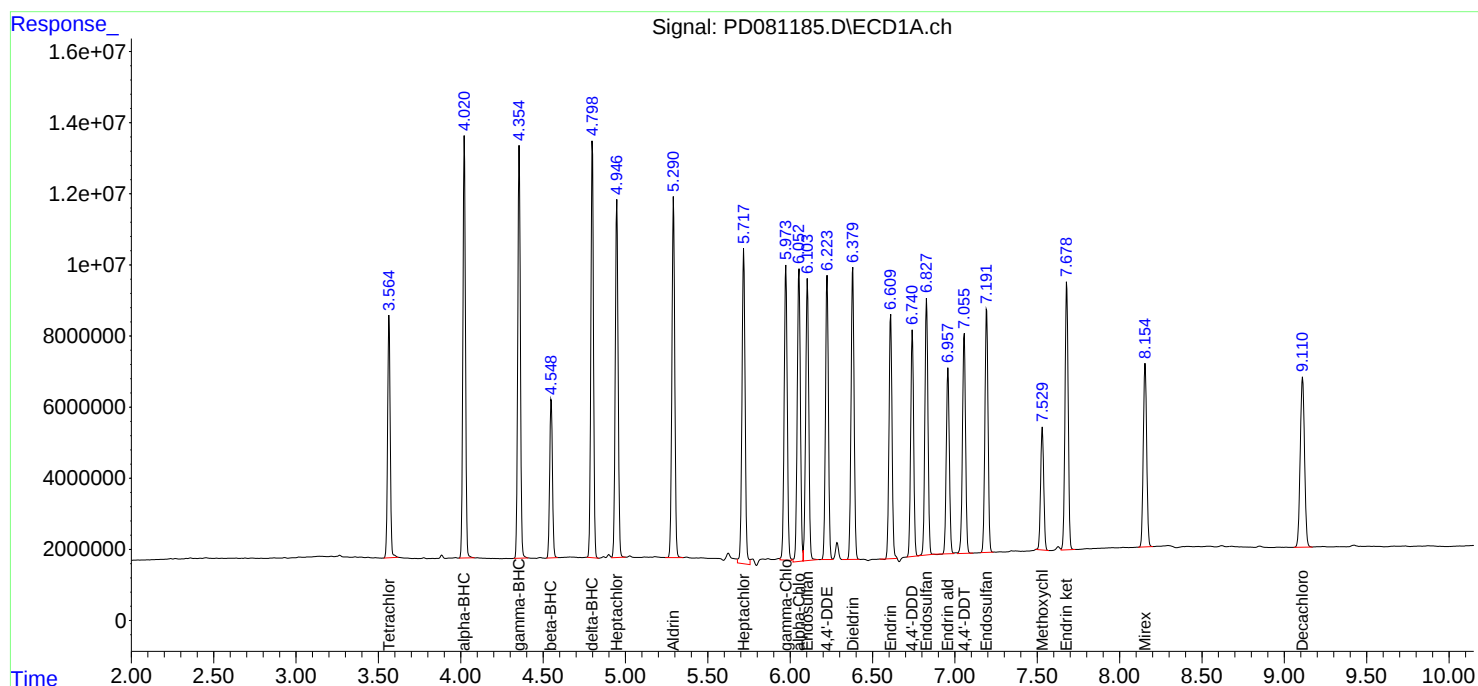
APPROVED

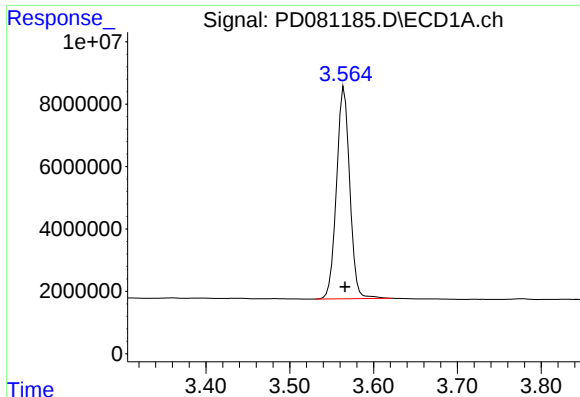
Reviewed By :Abdul Mirza 02/08/2024

Supervised By :Ankita Jodhani 02/08/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 04:22:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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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.: 3.565 min
Delta R.T.: -0.001 min
Response: 74415900
Conc: 52.42 ng/ml

Instrument :

ECD_D

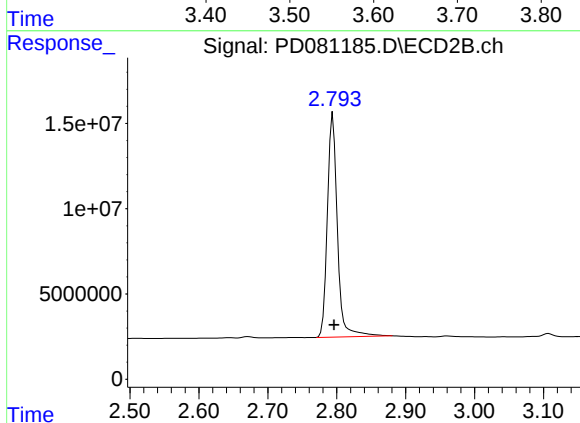
ClientSampleId :

PSTDCCC050

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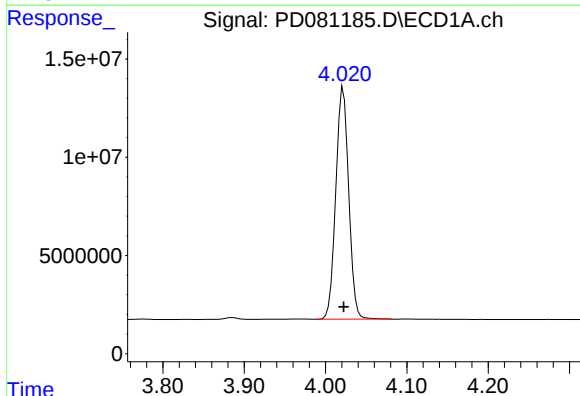
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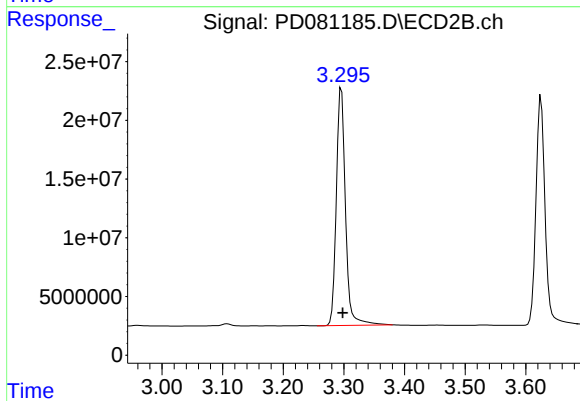
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.002 min
Response: 132871656
Conc: 55.54 ng/ml



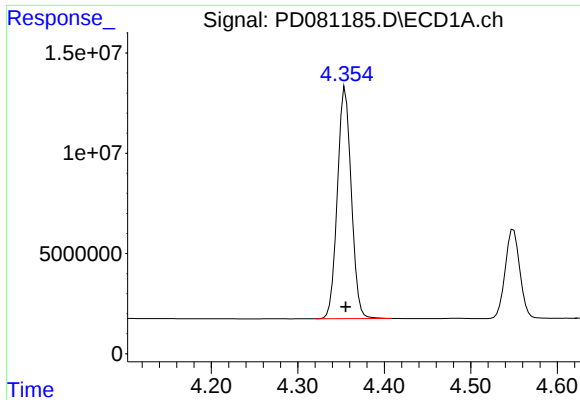
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 130381194
Conc: 52.49 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 212593308
Conc: 55.40 ng/ml



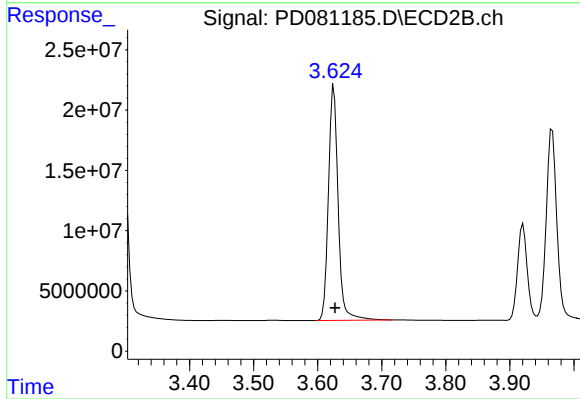
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 128181776
Conc: 52.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

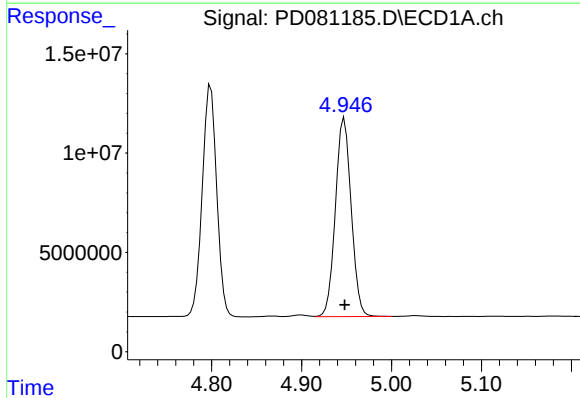
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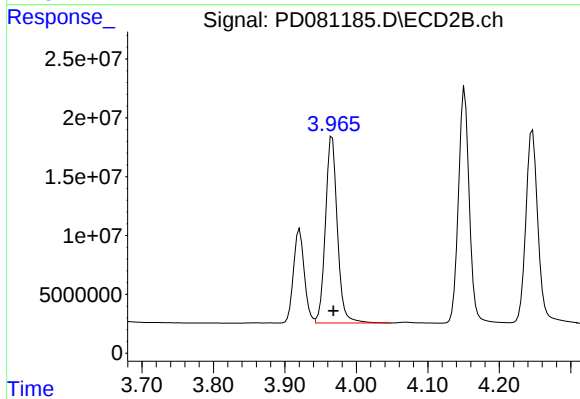
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 205431973
Conc: 54.94 ng/ml



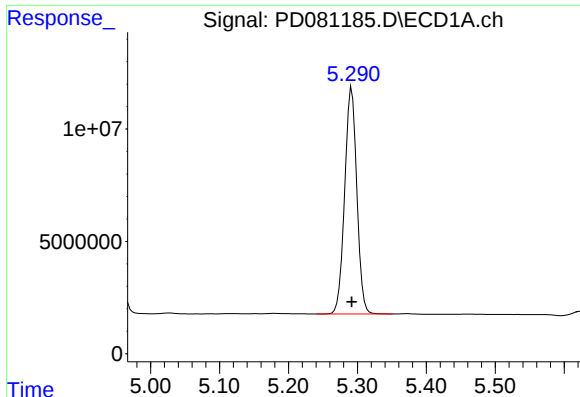
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 121899895
Conc: 49.42 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 184428940
Conc: 53.49 ng/ml



#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 123311047
Conc: 50.24 ng/ml

Instrument :

ECD_D

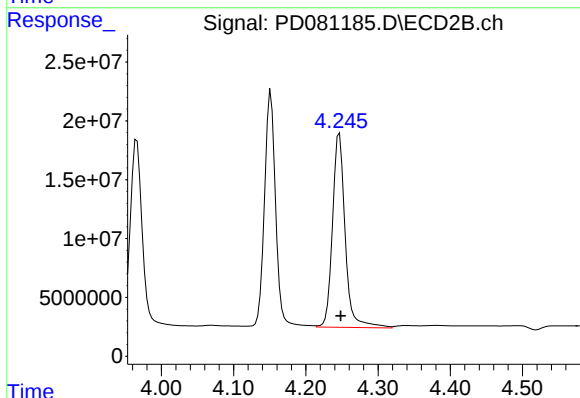
ClientSampleId :

PSTDCCC050

Manual Integrations

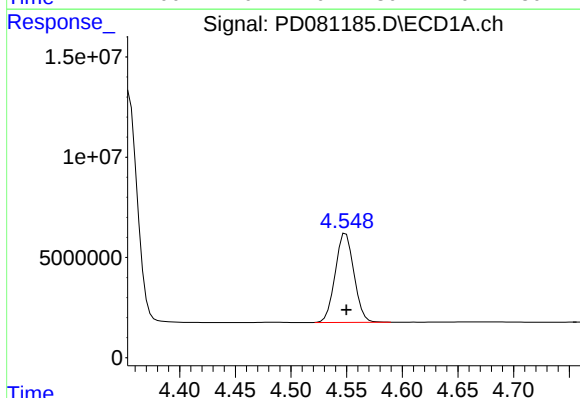
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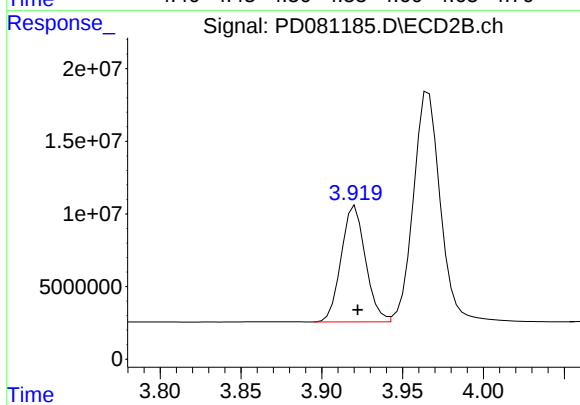
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 201720965
Conc: 55.39 ng/ml



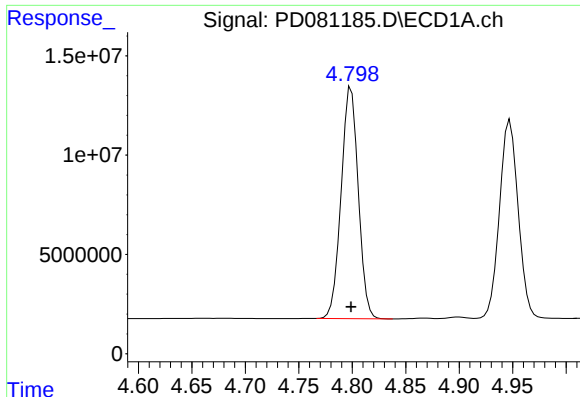
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 51979844
Conc: 51.37 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.002 min
Response: 83496652
Conc: 53.43 ng/ml



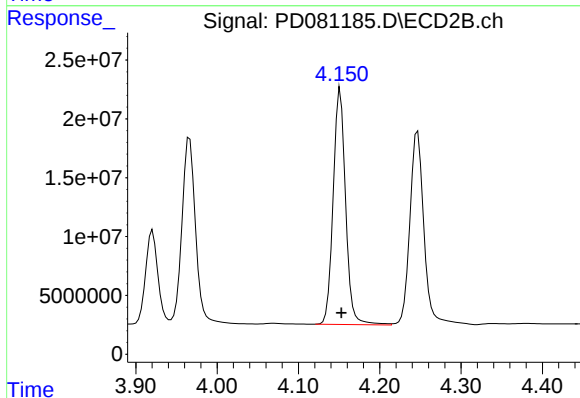
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 130254440
Conc: 51.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

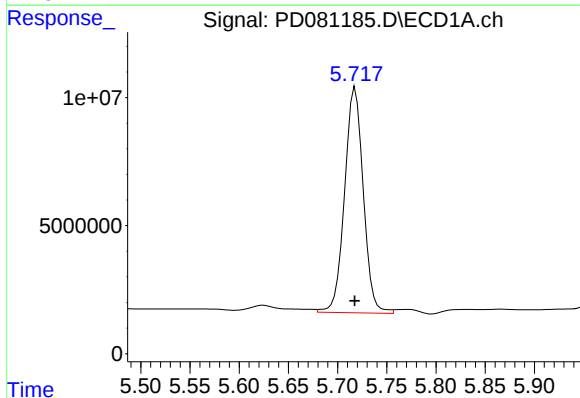
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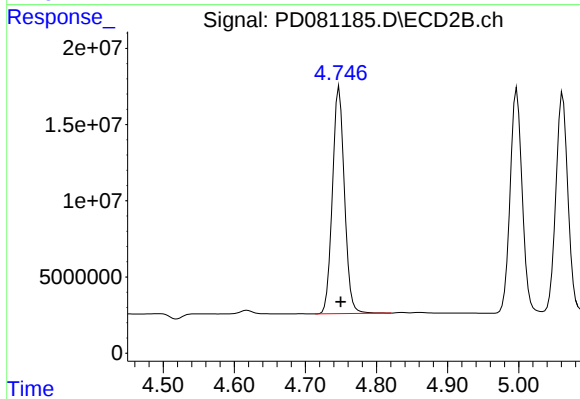
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.001 min
Response: 213304943
Conc: 56.84 ng/ml



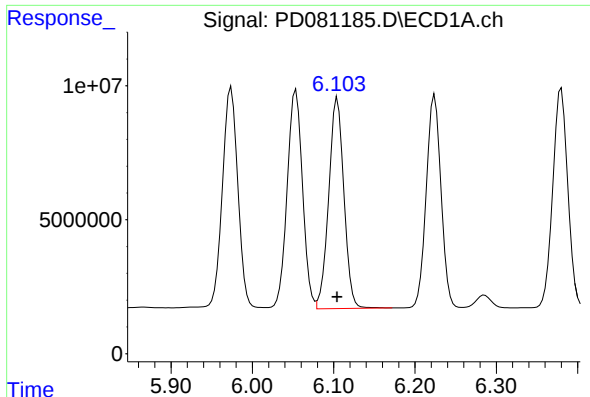
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 116507525
Conc: 52.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 174408582
Conc: 52.07 ng/ml



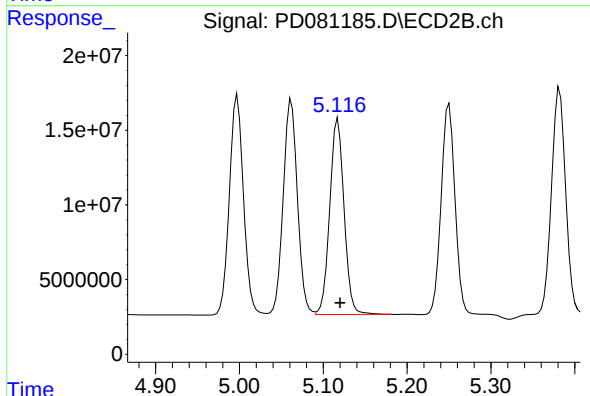
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 102579832
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

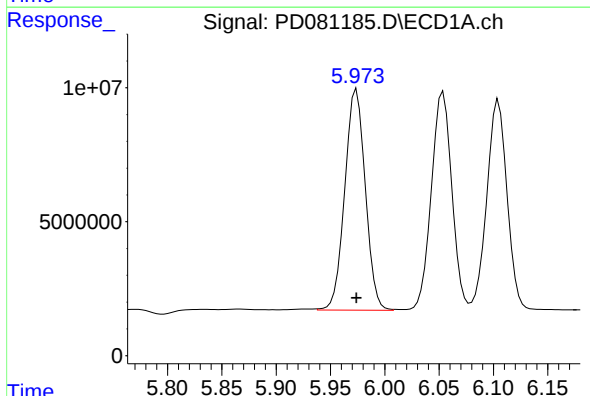
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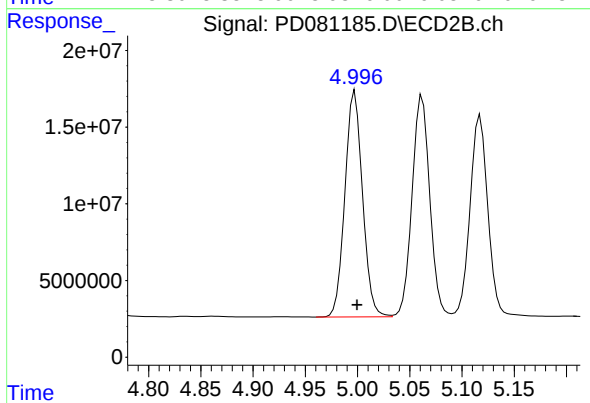
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 155679730
Conc: 50.83 ng/ml



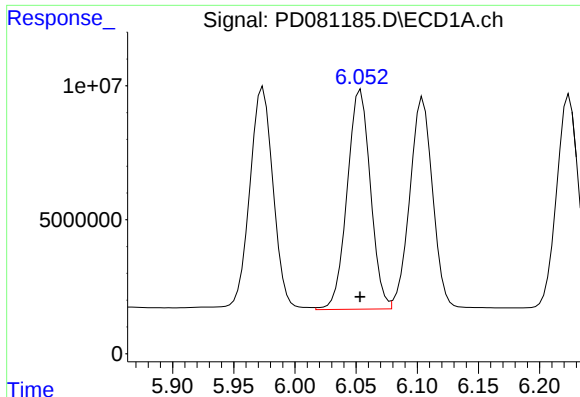
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.001 min
Response: 108660679
Conc: 49.64 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 172532187
Conc: 52.75 ng/ml



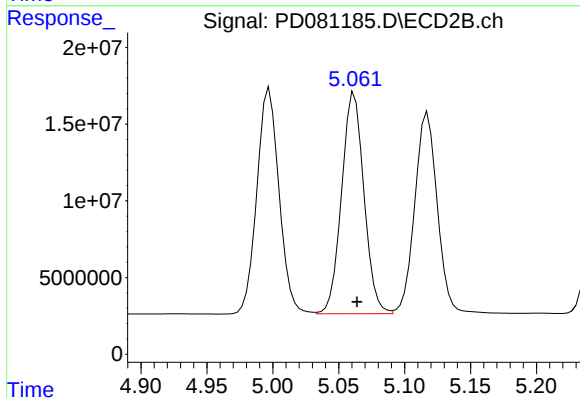
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 108494881
Conc: 49.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

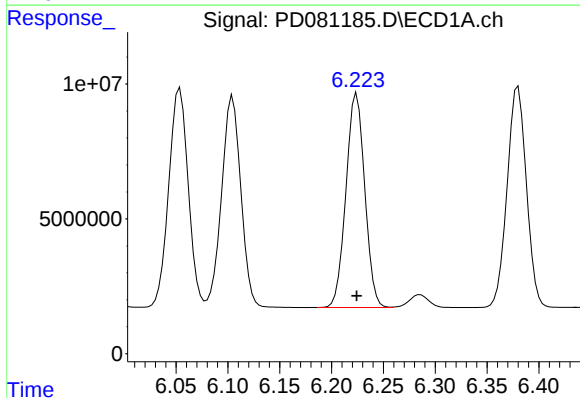
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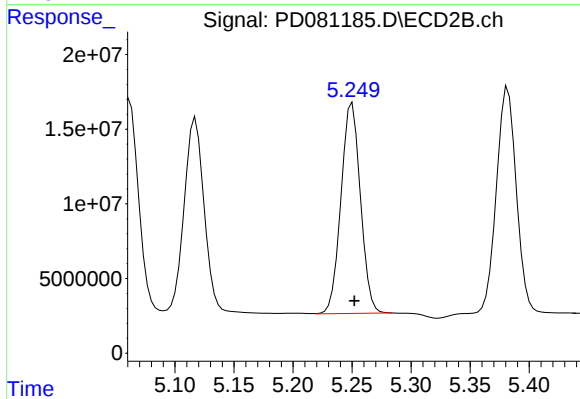
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 170154224
Conc: 52.04 ng/ml



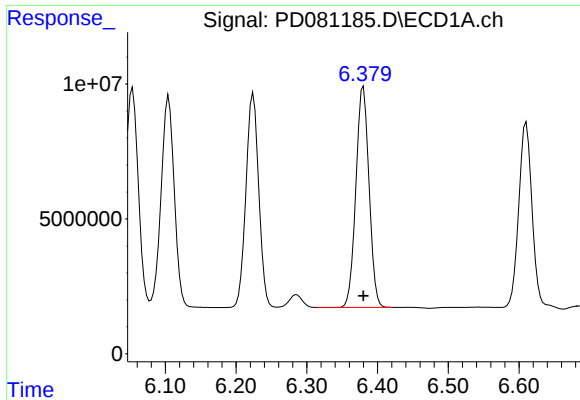
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 100081654
Conc: 49.18 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 161399646
Conc: 52.69 ng/ml m



#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 105974295
Conc: 47.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

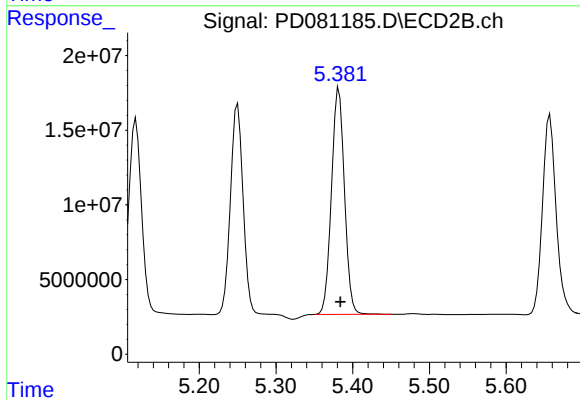
PSTDCCC050

Manual Integrations

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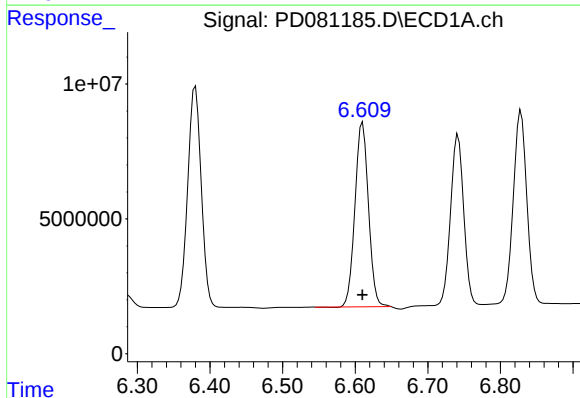
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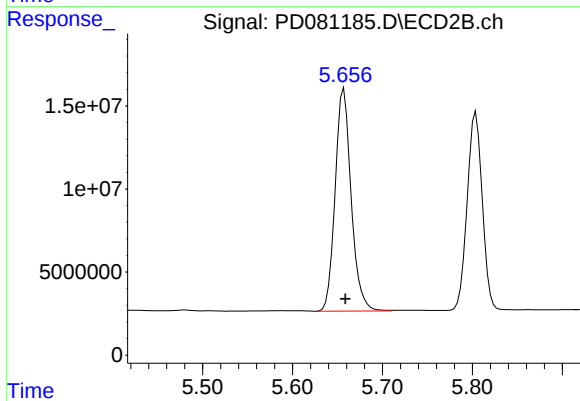
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 178439657
Conc: 52.47 ng/ml



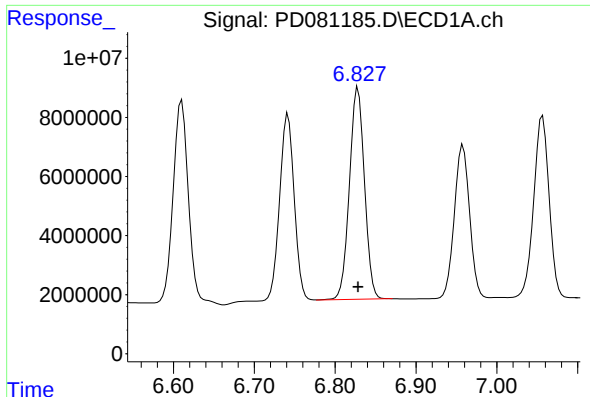
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 88214481
Conc: 47.23 ng/ml



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 165614968
Conc: 55.89 ng/ml



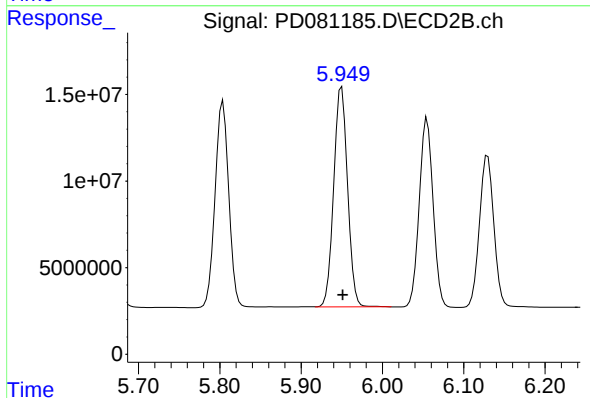
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 92835580
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

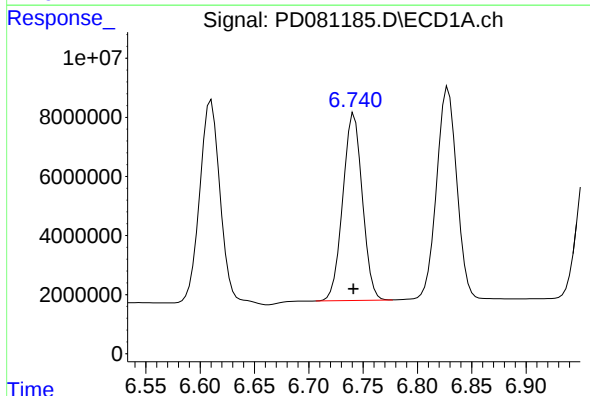
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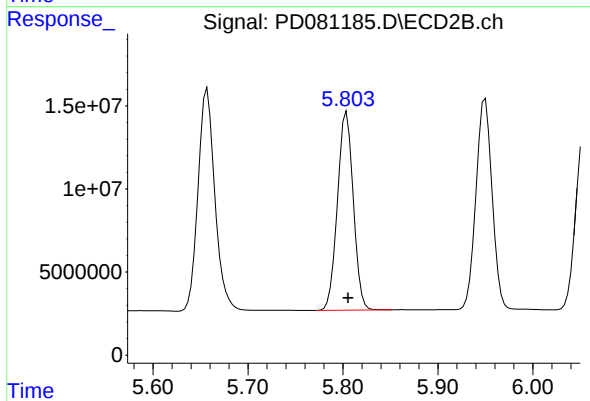
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 150617561
Conc: 52.37 ng/ml



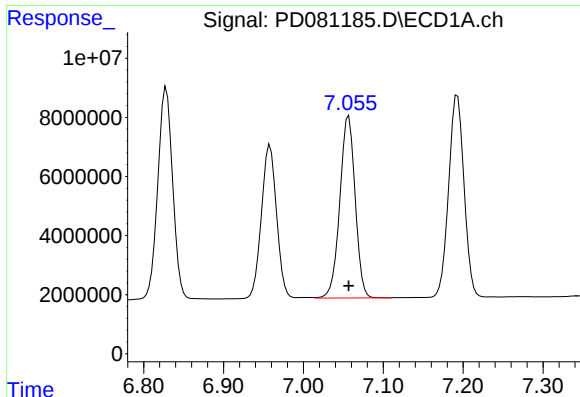
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 79306065
Conc: 48.27 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 138557147
Conc: 52.78 ng/ml



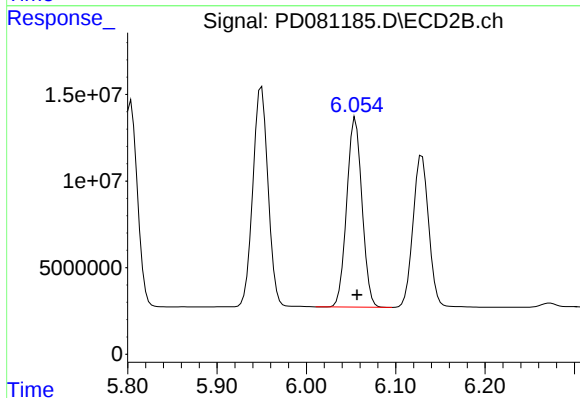
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 82070558
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

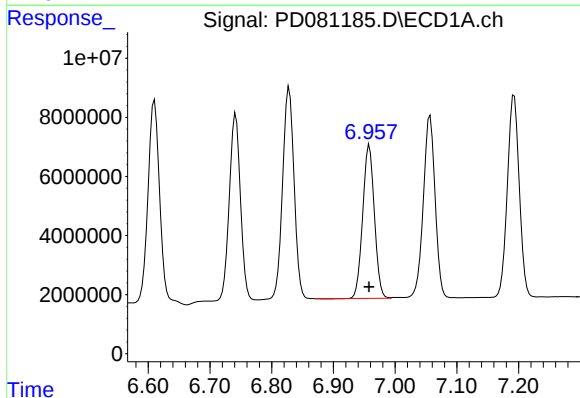
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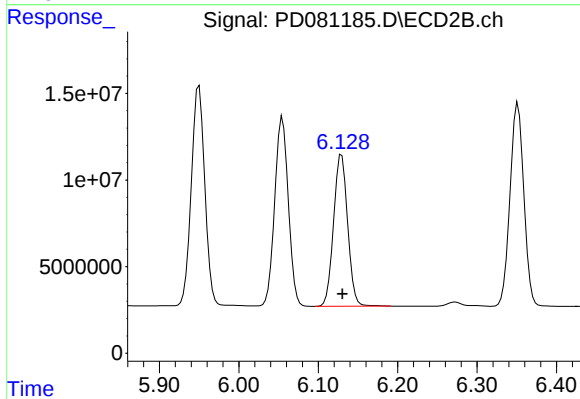
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 129908216
Conc: 48.97 ng/ml



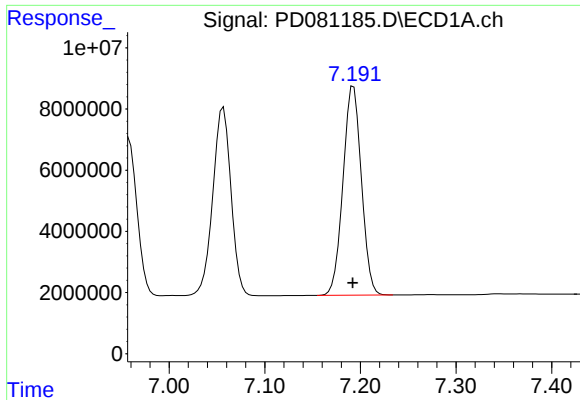
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 67996403
Conc: 44.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 107756827
Conc: 47.79 ng/ml



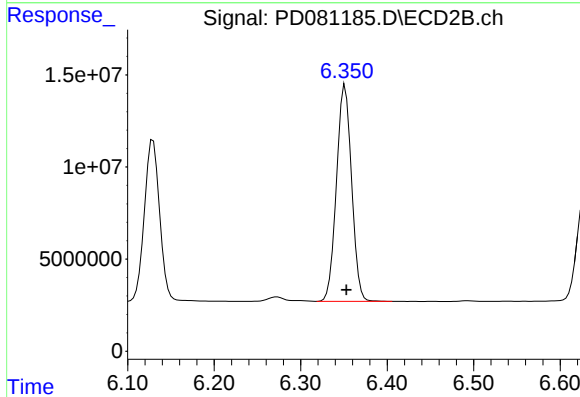
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 91535940
Conc: 48.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

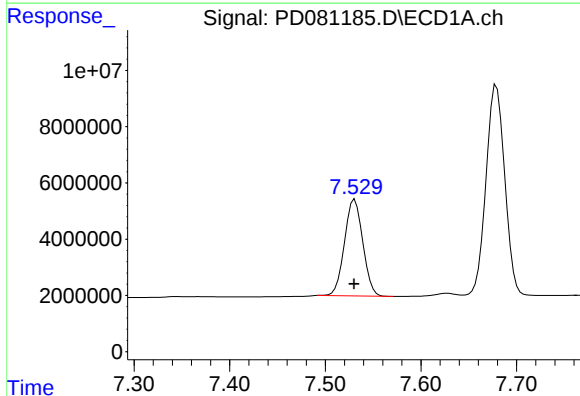
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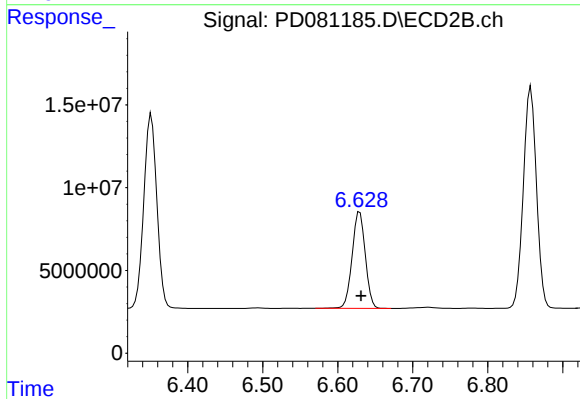
#19 Endosulfan Sulfate

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 141808726
Conc: 50.84 ng/ml



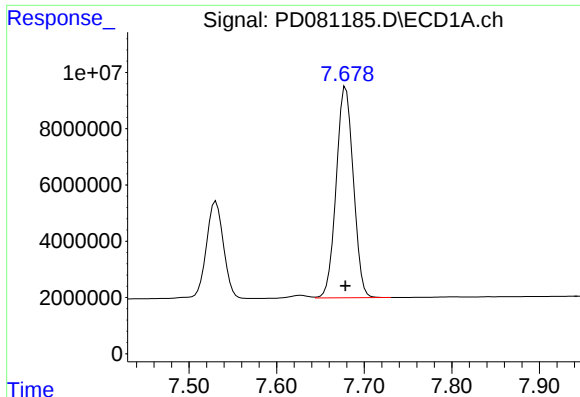
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 45837793
Conc: 44.53 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.001 min
Response: 71150277
Conc: 45.46 ng/ml



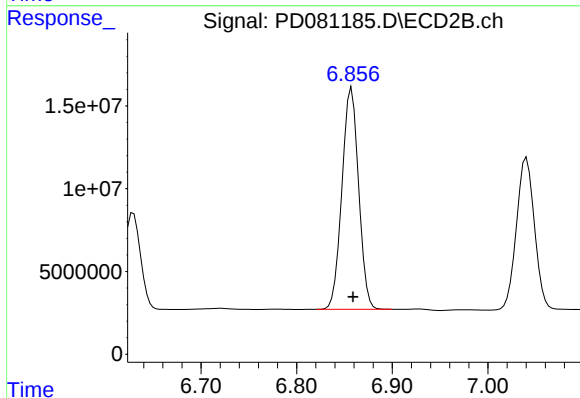
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 102198102
Conc: 48.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

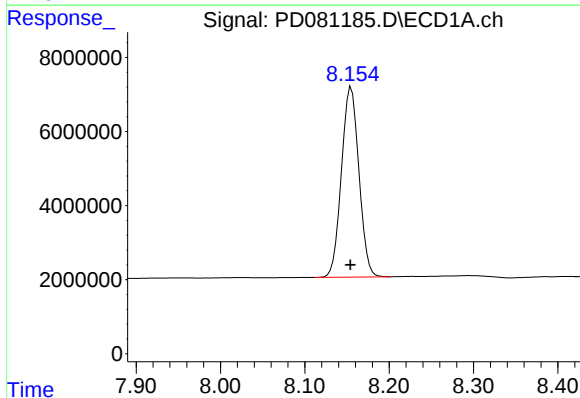
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/08/2024
Supervised By :Ankita Jodhani 02/08/2024



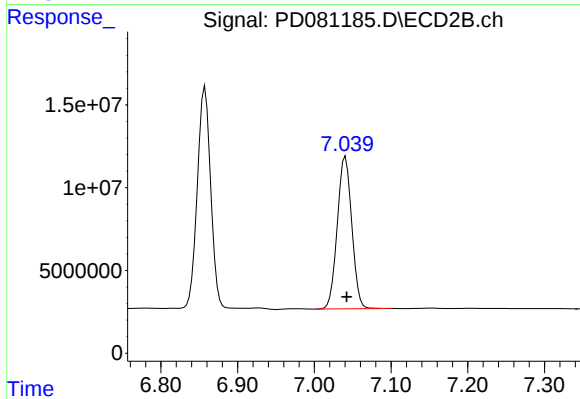
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 162638055
Conc: 50.40 ng/ml



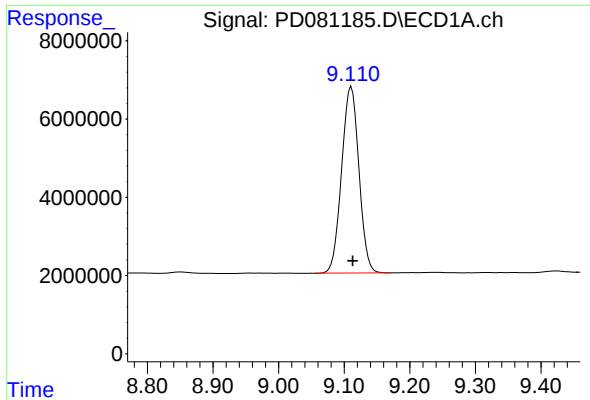
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 73854214
Conc: 44.78 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 121153144
Conc: 48.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.002 min
Response: 87450823
Conc: 43.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

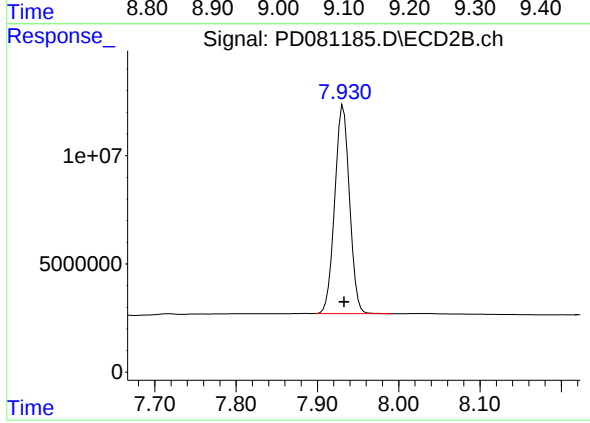
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 121568859
Conc: 45.64 ng/ml