

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
 Data File : PD081276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2024 21:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/12/2024
 Supervised By :Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 03:13:02 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...	3.566	2.795	70151088	132.5E6	49.417	55.371
28)	SA Decachlor...	9.114	7.933	84169010	115.8E6	41.824	43.477
Target Compounds							
2)	A alpha-BHC	4.023	3.297	119.1E6	212.0E6	47.933	55.263
3)	MA gamma-BHC...	4.356	3.626	119.2E6	203.5E6	48.709	54.439
4)	MA Heptachlor	4.948	3.967	117.4E6	182.6E6	47.613	52.961
5)	MB Aldrin	5.293	4.246	118.7E6	197.0E6	48.367	54.090m
6)	B beta-BHC	4.551	3.921	49149946	82262422	48.574	52.645
7)	B delta-BHC	4.800	4.152	124.0E6	211.2E6	49.430	56.284
8)	B Heptachlo...	5.717	4.748	97307997	172.8E6	43.456m	51.602
9)	A Endosulfan I	6.105	5.118	96148523	148.4E6	46.358	48.455
10)	B gamma-Chl...	5.973	4.998	93864734	171.5E6	42.878m	52.434
11)	B alpha-Chl...	6.055	5.063	98743713	169.4E6	45.349	51.805
12)	B 4,4'-DDE	6.226	5.249	101.1E6	161.9E6	49.694	52.841m
13)	MA Dieldrin	6.381	5.383	111.0E6	177.1E6	50.236	52.077
14)	MA Endrin	6.612	5.658	90296021	150.5E6	48.345	50.794
15)	B Endosulfa...	6.830	5.950	97441489	145.1E6	50.320	50.453
16)	A 4,4'-DDD	6.743	5.804	86225558	137.0E6	52.477	52.187
17)	MA 4,4'-DDT	7.058	6.056	82545172	122.0E6	46.351	45.969
18)	B Endrin al...	6.960	6.130	74173156	108.8E6	48.761	48.265
19)	B Endosulfa...	7.195	6.352	93356983	137.3E6	49.168	49.222
20)	A Methoxychlor	7.533	6.630	43205530	67524356	41.977	43.139
21)	B Endrin ke...	7.681	6.858	95764030	160.2E6	45.793	49.649
22)	Mirex	8.157	7.041	68853496	113.9E6	41.745	45.200

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020924\
Data File : PD081276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2024 21:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

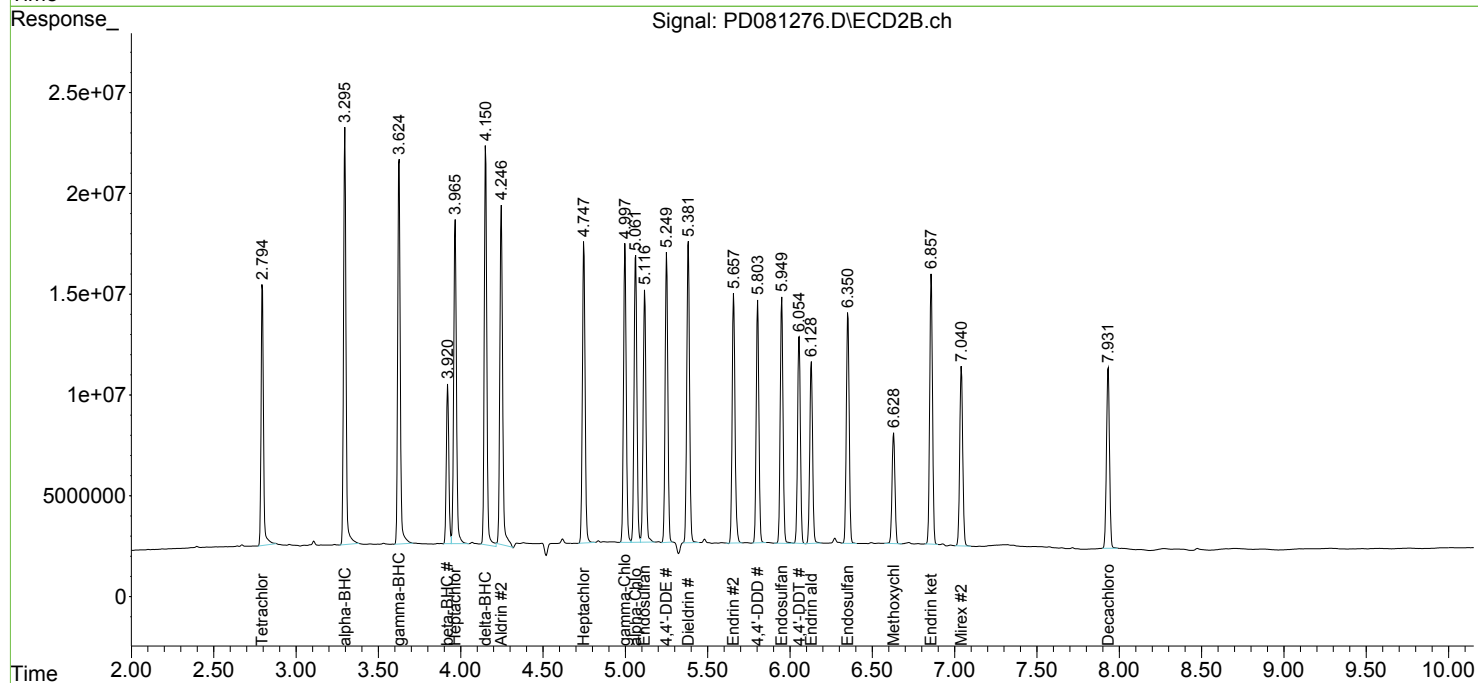
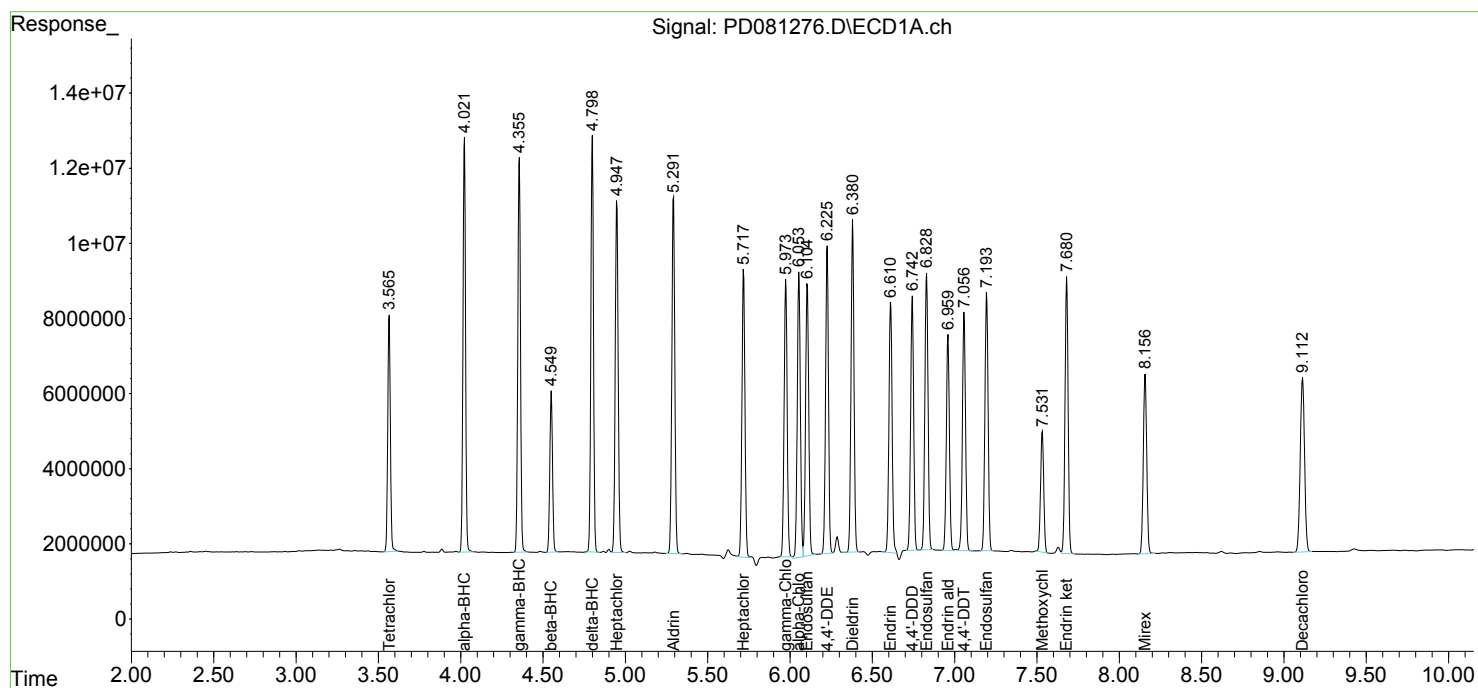
APPROVED

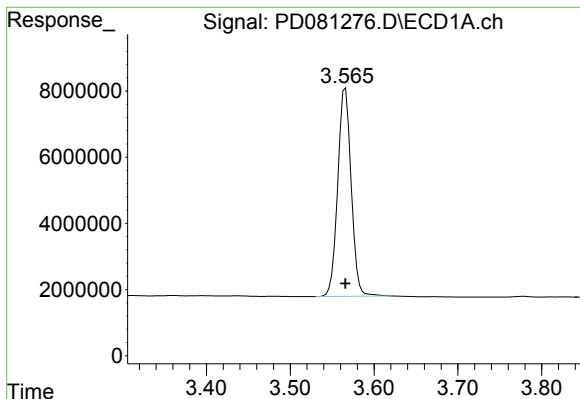
Reviewed By :Abdul Mirza 02/12/2024

Supervised By :Ankita Jodhani 02/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 03:13:02 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





#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 70151088
Conc: 49.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

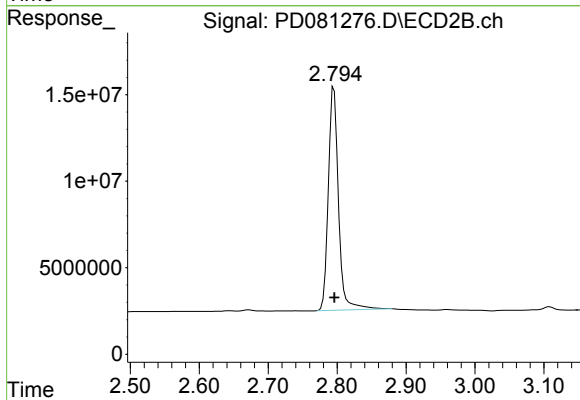
PSTDCCC050

Manual Integrations

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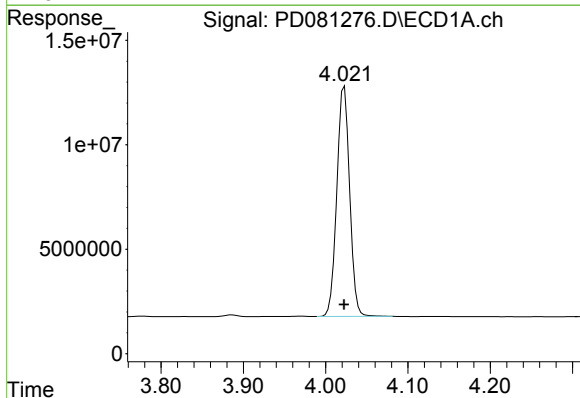
Reviewed By :Abdul Mirza 02/12/2024

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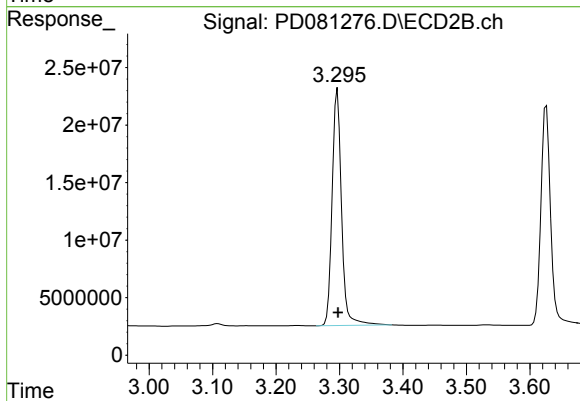
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 132456874
Conc: 55.37 ng/ml



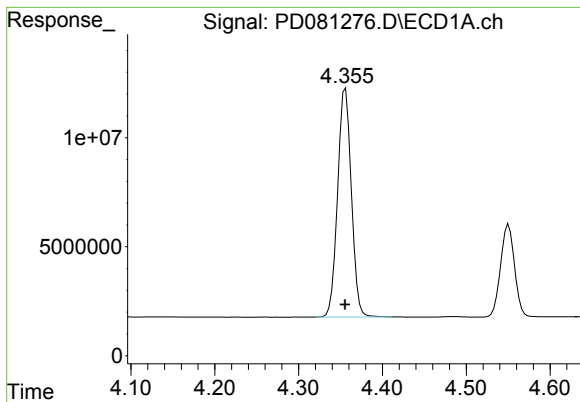
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 119059111
Conc: 47.93 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.001 min
Response: 212047394
Conc: 55.26 ng/ml



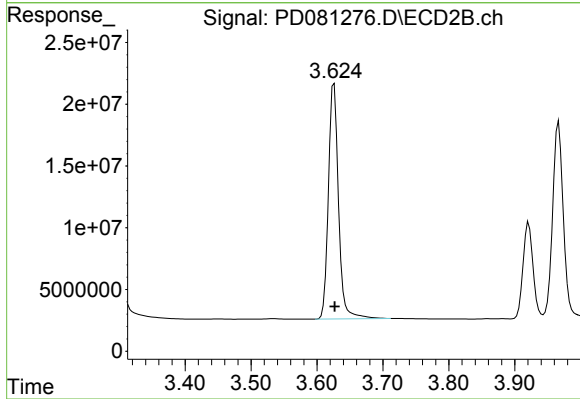
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 119220401
Conc: 48.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

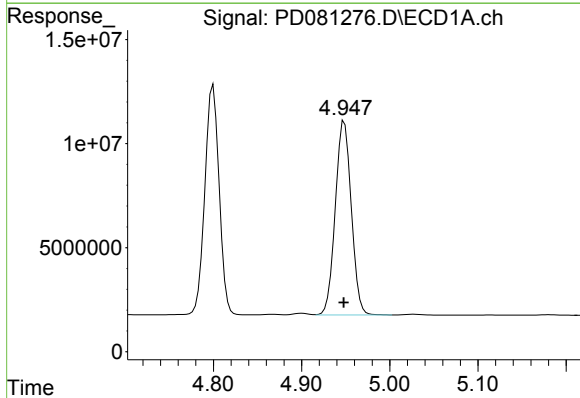
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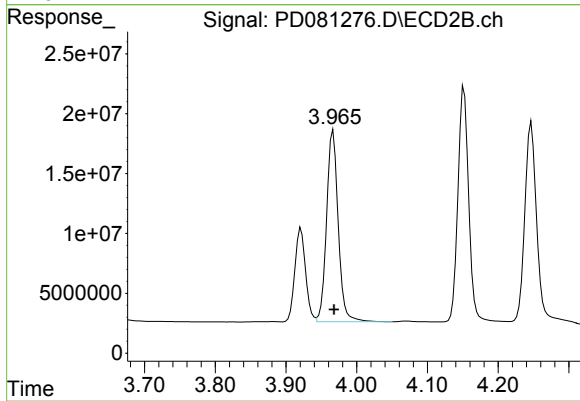
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 203544526
Conc: 54.44 ng/ml



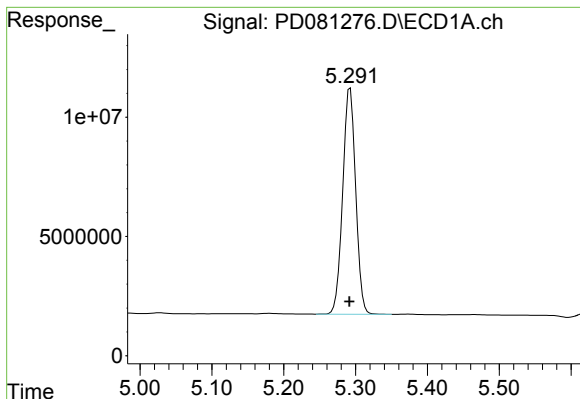
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 117430506
Conc: 47.61 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 182614515
Conc: 52.96 ng/ml



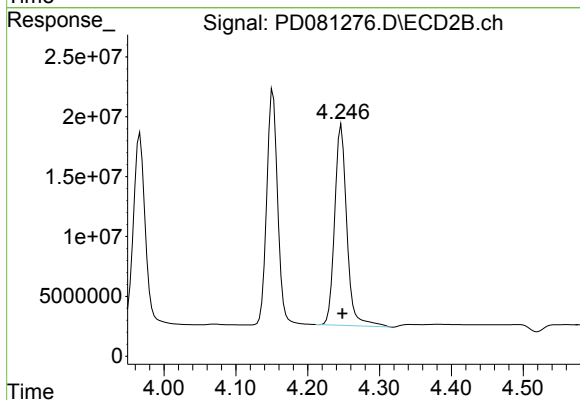
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 118722886
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

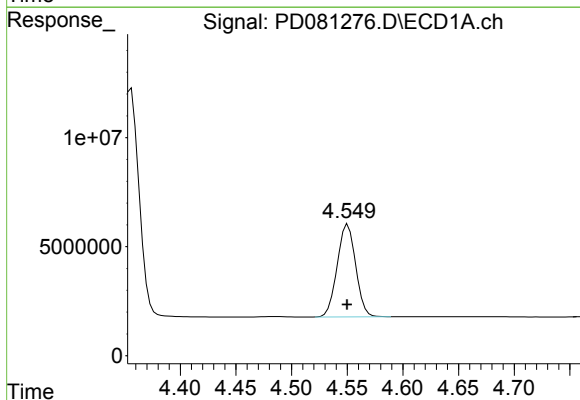
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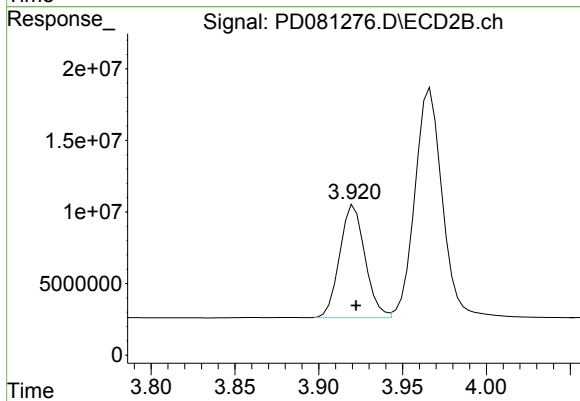
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 196997512
Conc: 54.09 ng/ml m



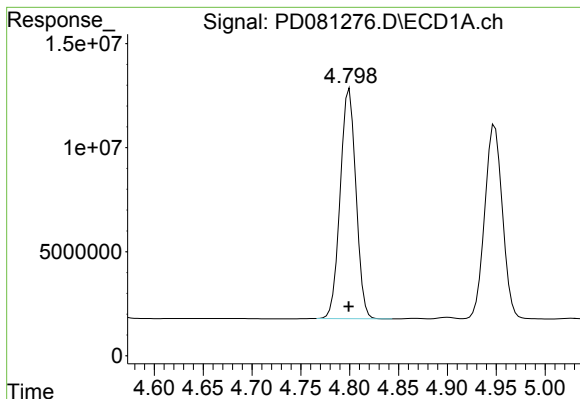
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 49149946
Conc: 48.57 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 82262422
Conc: 52.64 ng/ml



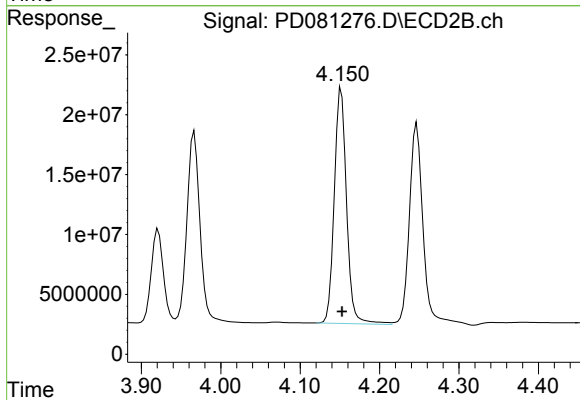
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 124010561
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

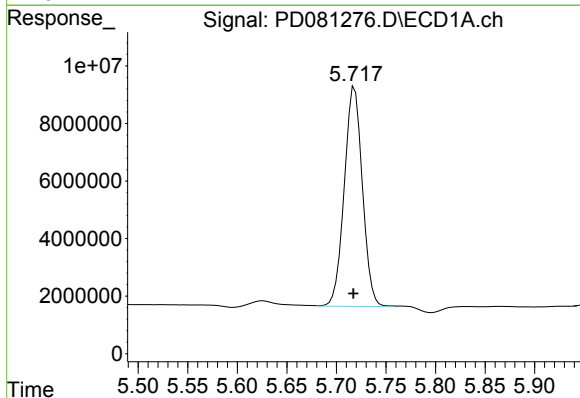
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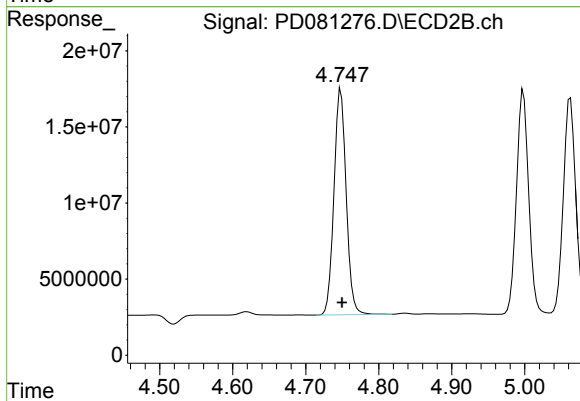
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.001 min
Response: 211235316
Conc: 56.28 ng/ml



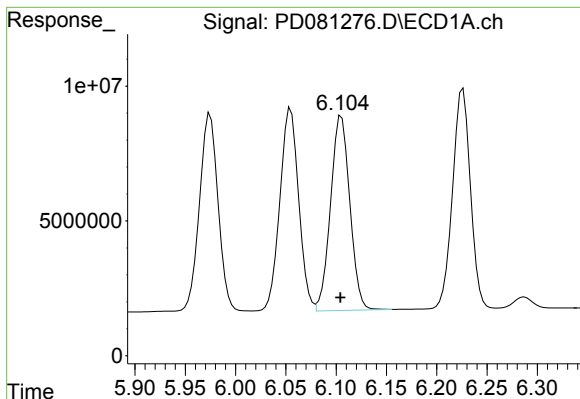
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 97307997
Conc: 43.46 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 172840896
Conc: 51.60 ng/ml



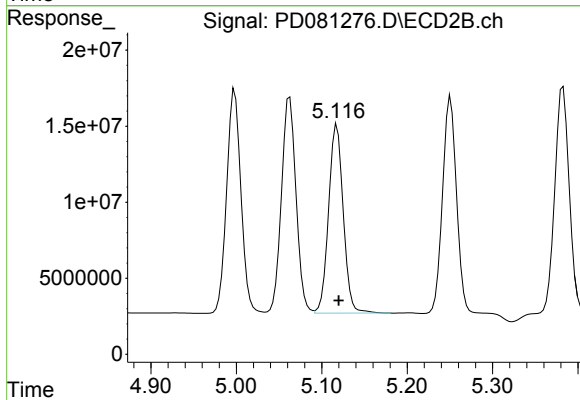
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 96148523
Conc: 46.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

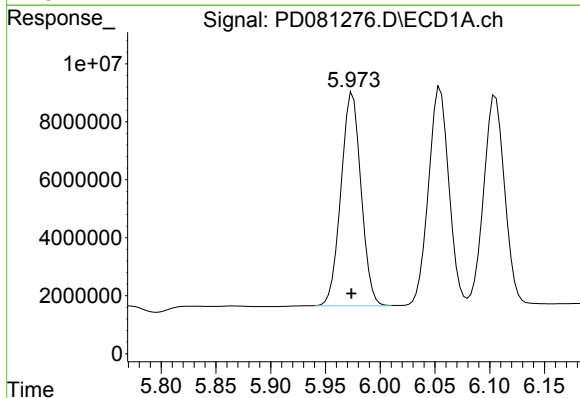
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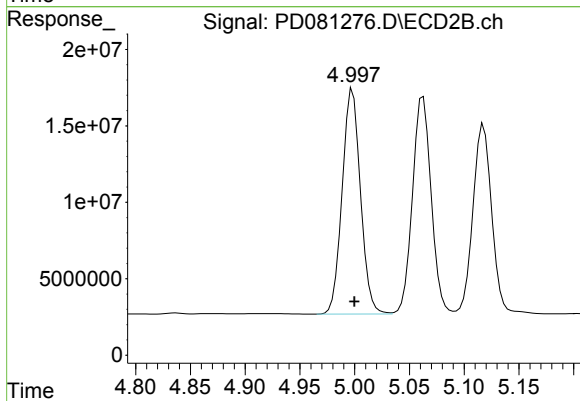
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 148407217
Conc: 48.46 ng/ml



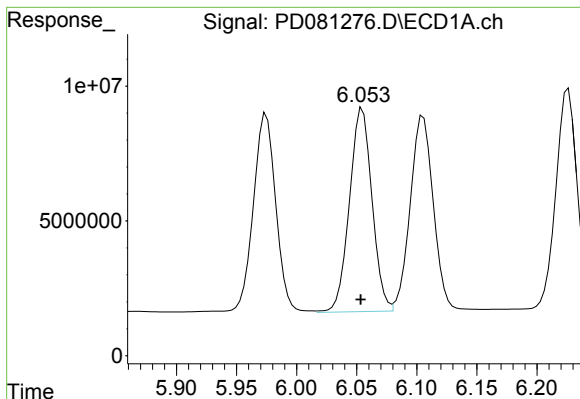
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 93864734
Conc: 42.88 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 171512285
Conc: 52.43 ng/ml



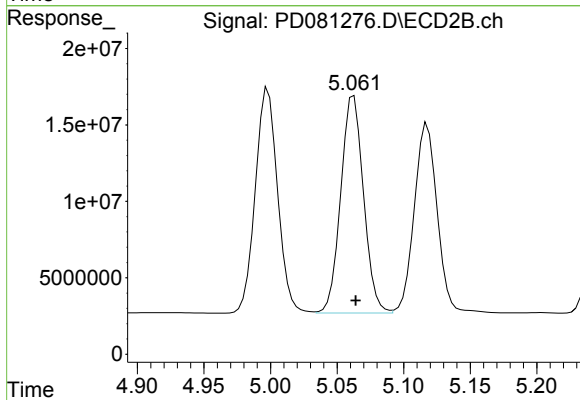
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 98743713
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

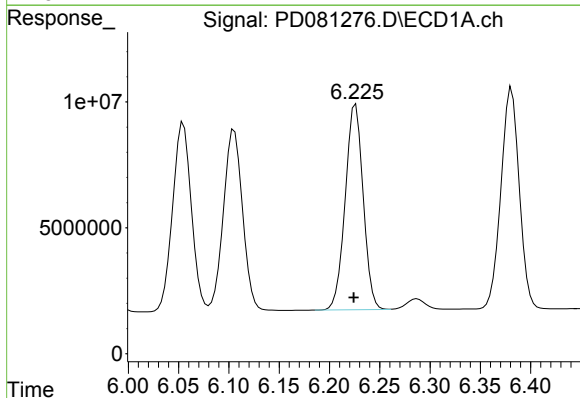
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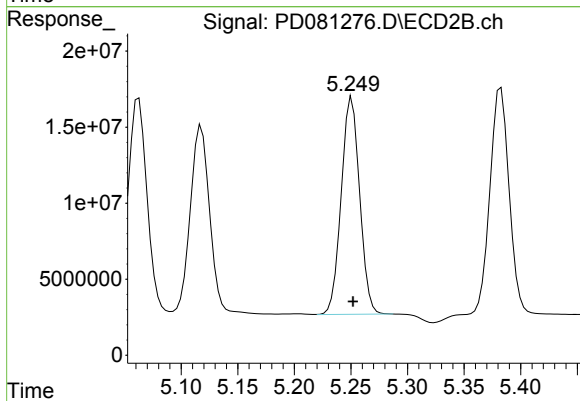
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 169378503
Conc: 51.81 ng/ml



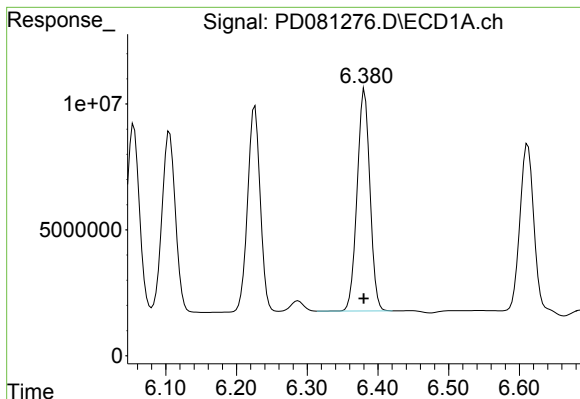
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 101120583
Conc: 49.69 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 161865290
Conc: 52.84 ng/ml m



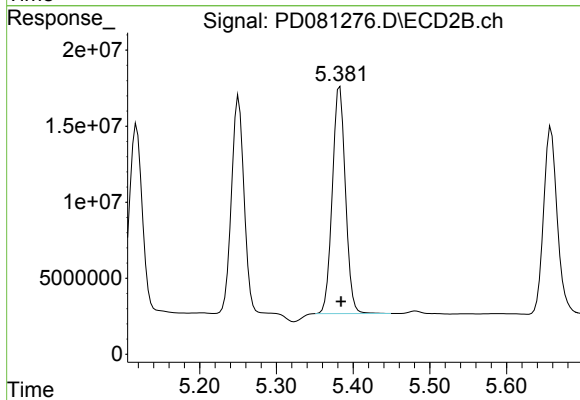
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 111006892
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

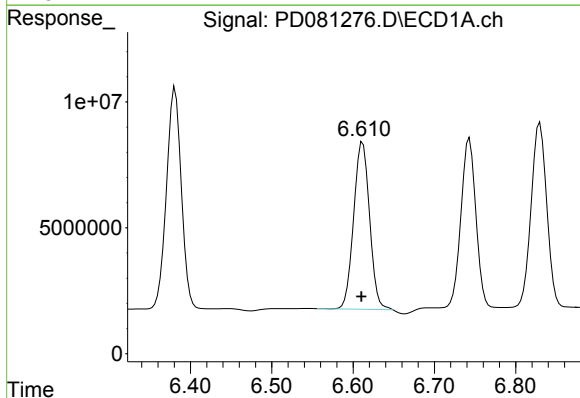
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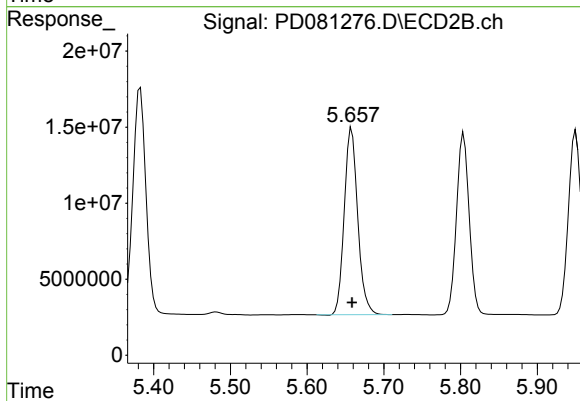
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 177102674
Conc: 52.08 ng/ml



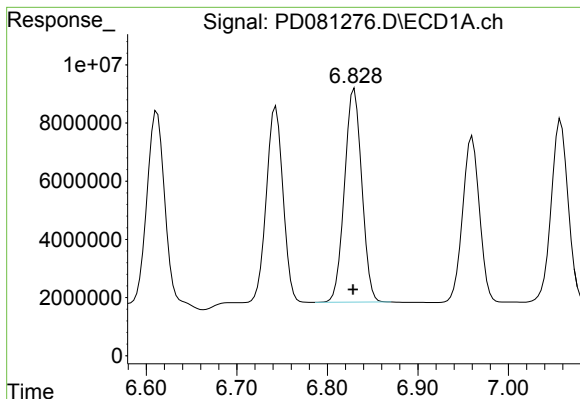
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 90296021
Conc: 48.34 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 150522049
Conc: 50.79 ng/ml



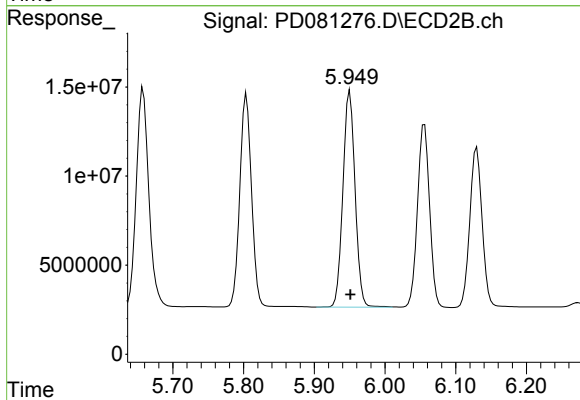
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 97441489
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

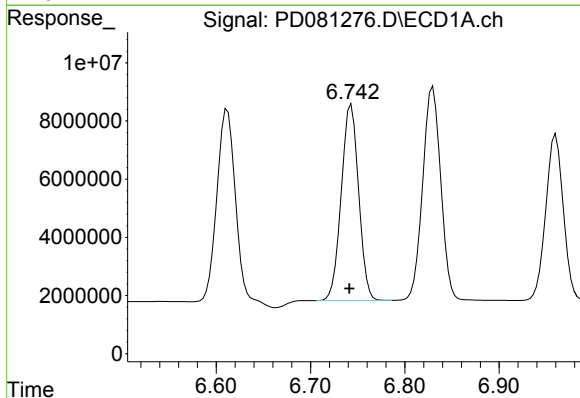
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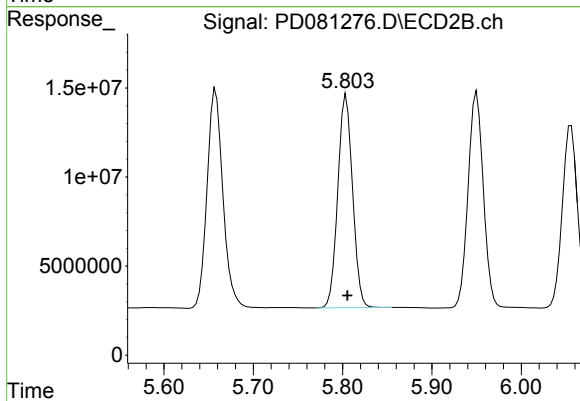
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 145098212
Conc: 50.45 ng/ml



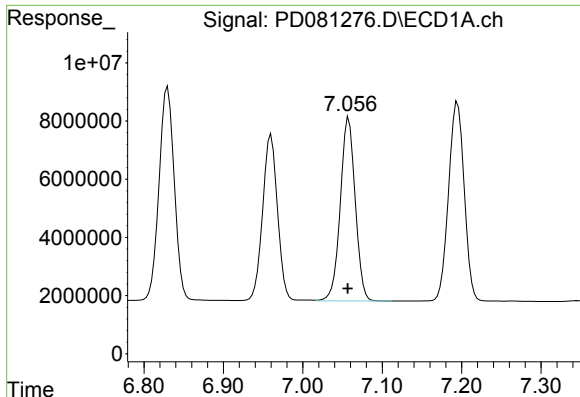
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 86225558
Conc: 52.48 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 137004275
Conc: 52.19 ng/ml



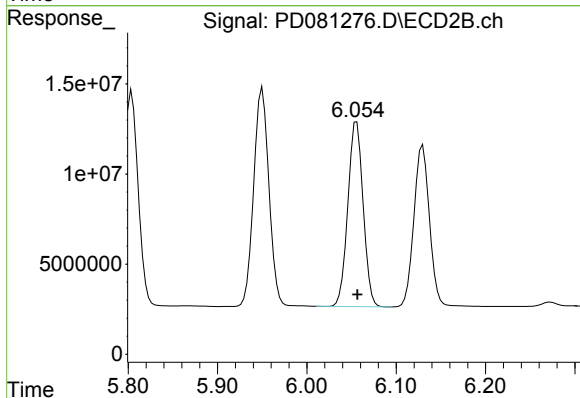
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 82545172
Conc: 46.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

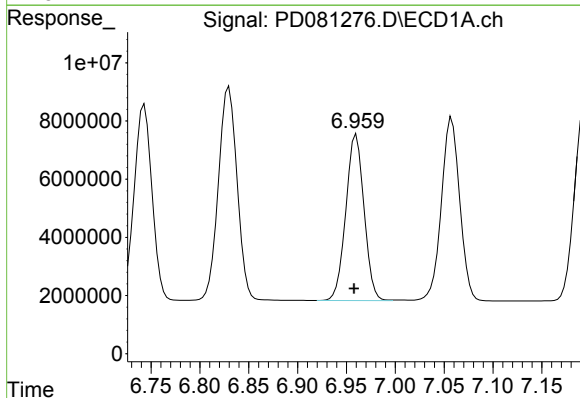
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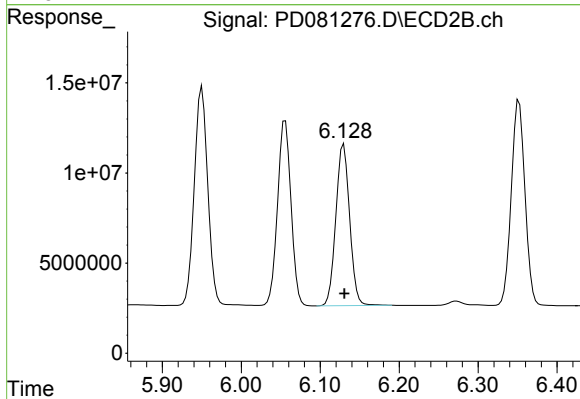
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 121957531
Conc: 45.97 ng/ml



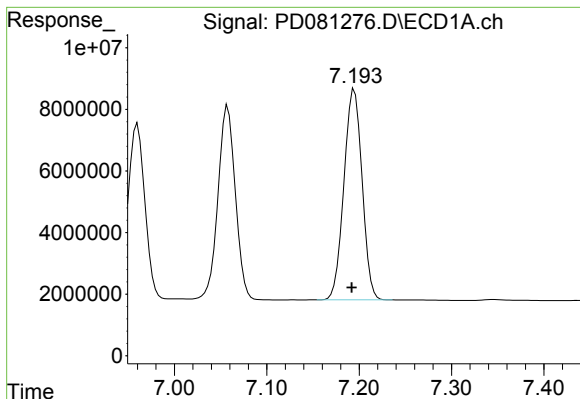
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 74173156
Conc: 48.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 108820268
Conc: 48.26 ng/ml



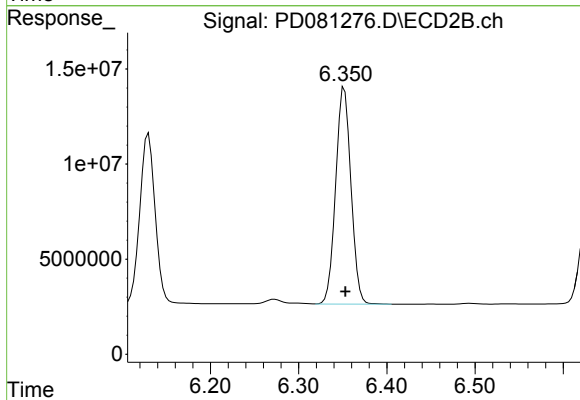
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 93356983
Conc: 49.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

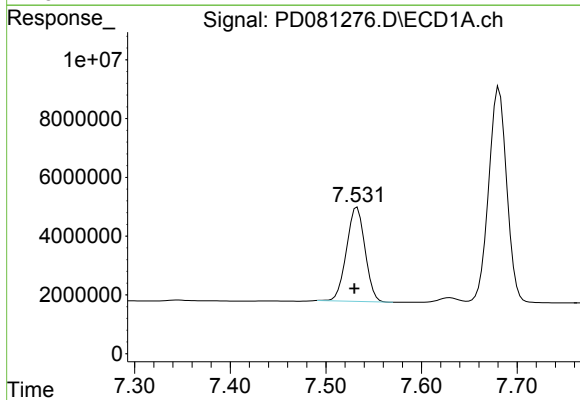
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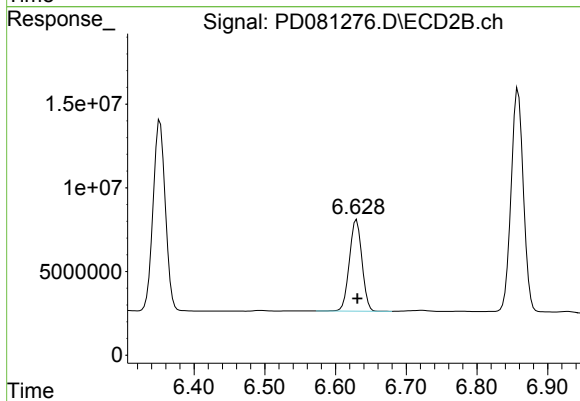
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 137300042
Conc: 49.22 ng/ml



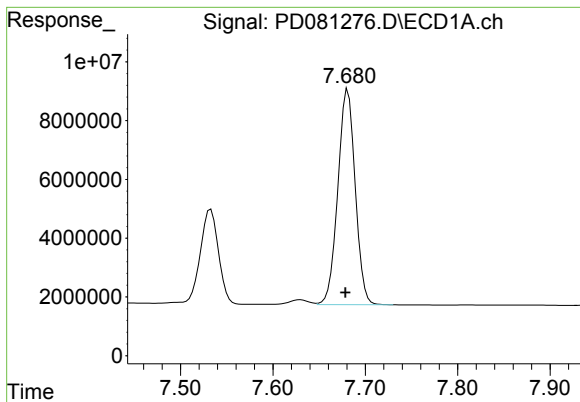
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 43205530
Conc: 41.98 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 67524356
Conc: 43.14 ng/ml



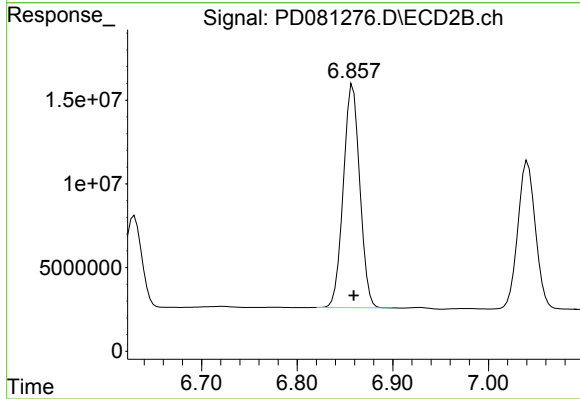
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 95764030
Conc: 45.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

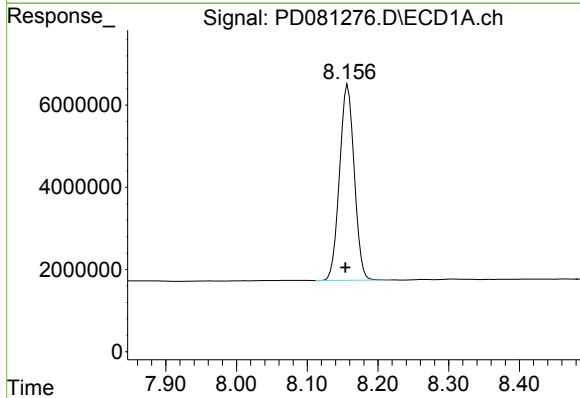
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APPROVED

Reviewed By :Abdul Mirza 02/12/2024
Supervised By :Ankita Jodhani 02/12/2024



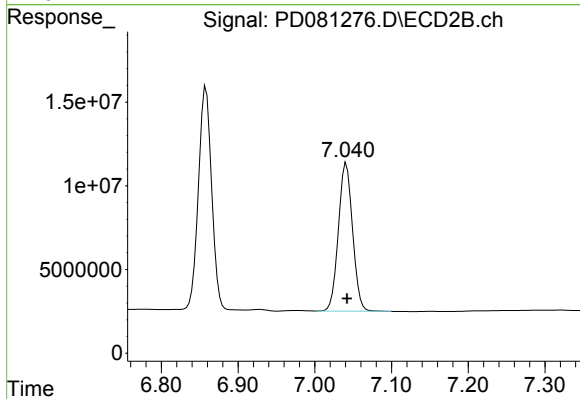
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 160218705
Conc: 49.65 ng/ml



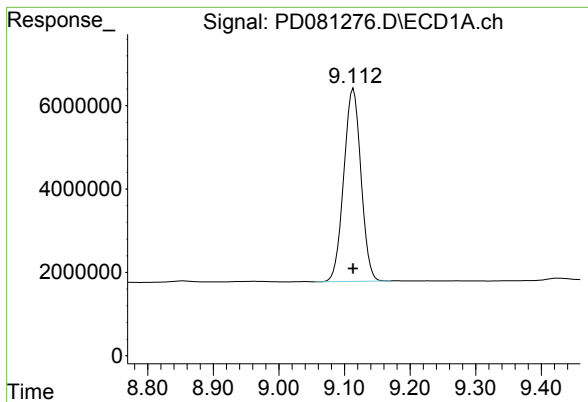
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.003 min
Response: 68853496
Conc: 41.75 ng/ml



#22 Mirex

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 113901653
Conc: 45.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 84169010
Conc: 41.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

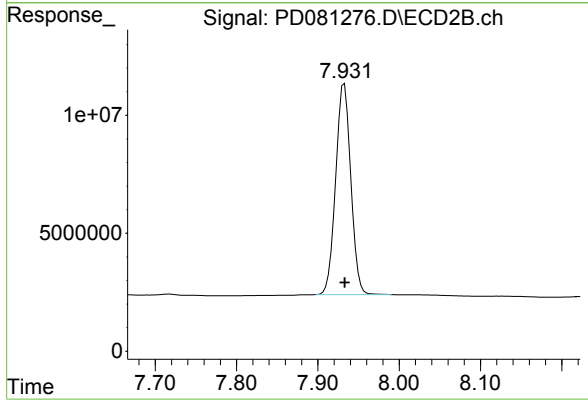
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 115806104
Conc: 43.48 ng/ml