

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
 Data File : PD081214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 15:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/09/2024
 Supervised By :Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 20:21:39 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	71736710	131.1E6	50.534	54.818
28)	SA Decachlor...	9.112	7.932	91030945	119.2E6	45.234	44.736
Target Compounds							
2)	A alpha-BHC	4.023	3.296	124.6E6	209.1E6	50.158	54.485
3)	MA gamma-BHC...	4.356	3.625	119.5E6	201.0E6	48.825	53.771
4)	MA Heptachlor	4.949	3.966	116.8E6	183.9E6	47.376	53.331
5)	MB Aldrin	5.292	4.246	118.9E6	194.9E6	48.427	53.512
6)	B beta-BHC	4.550	3.920	48309364	81902143	47.744	52.414
7)	B delta-BHC	4.800	4.151	120.8E6	206.8E6	48.150	55.097
8)	B Heptachlo...	5.718	4.748	110.9E6	170.5E6	49.516	50.901
9)	A Endosulfan I	6.106	5.118	101.6E6	153.7E6	49.004	50.168
10)	B gamma-Chl...	5.975	4.998	110.6E6	167.5E6	50.530	51.206
11)	B alpha-Chl...	6.055	5.063	107.5E6	165.3E6	49.383	50.548
12)	B 4,4'-DDE	6.226	5.249	100.8E6	158.0E6	49.553	51.588m
13)	MA Dieldrin	6.381	5.382	107.2E6	173.9E6	48.496	51.134
14)	MA Endrin	6.611	5.658	93971041	154.0E6	50.312	51.967
15)	B Endosulfa...	6.830	5.951	97153928	147.2E6	50.172	51.175
16)	A 4,4'-DDD	6.743	5.804	84864405	136.6E6	51.648	52.039
17)	MA 4,4'-DDT	7.058	6.056	85239724	128.5E6	47.864	48.422
18)	B Endrin al...	6.960	6.130	72401425	108.0E6	47.597	47.900
19)	B Endosulfa...	7.194	6.352	91848410	140.4E6	48.373	50.317
20)	A Methoxychlor	7.533	6.630	44199675	71814403	42.942	45.880
21)	B Endrin ke...	7.680	6.858	98900137	160.2E6	47.293	49.648
22)	Mirex	8.157	7.042	71846124	121.3E6	43.559	48.122

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 15:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

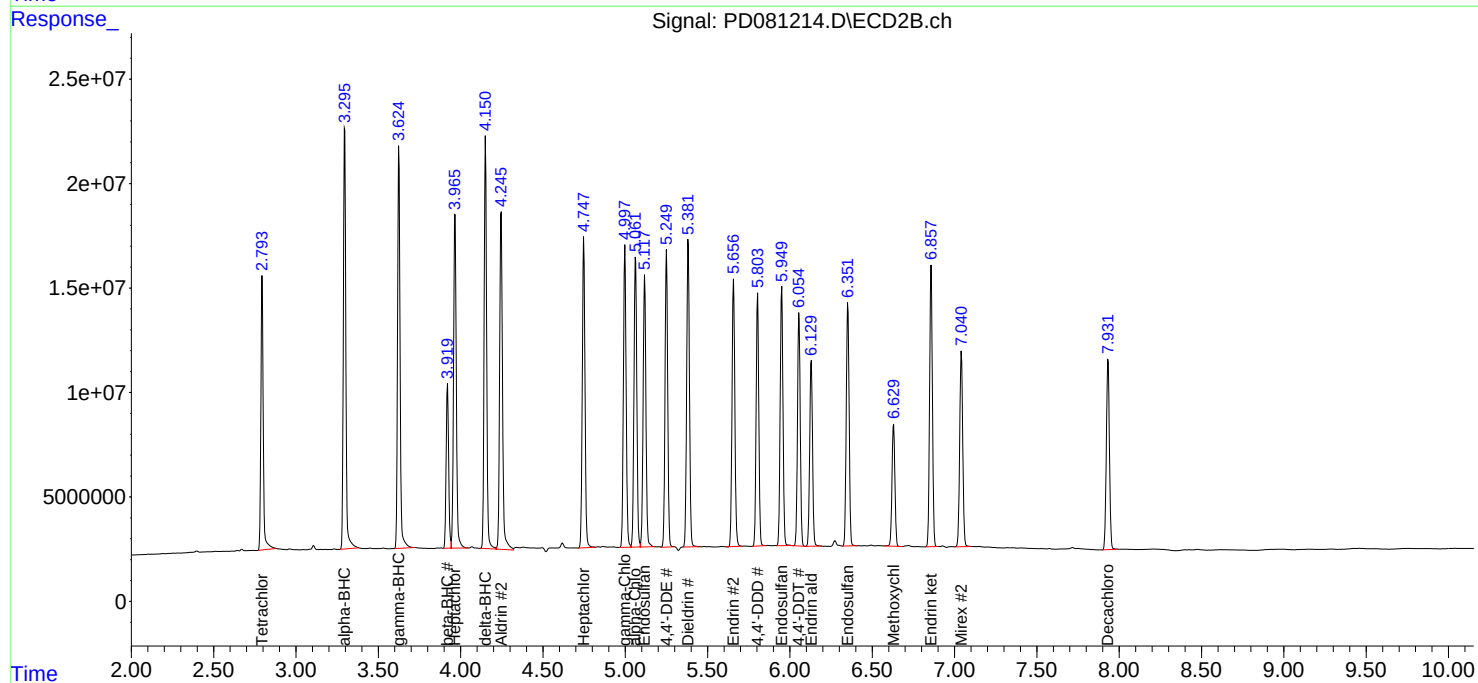
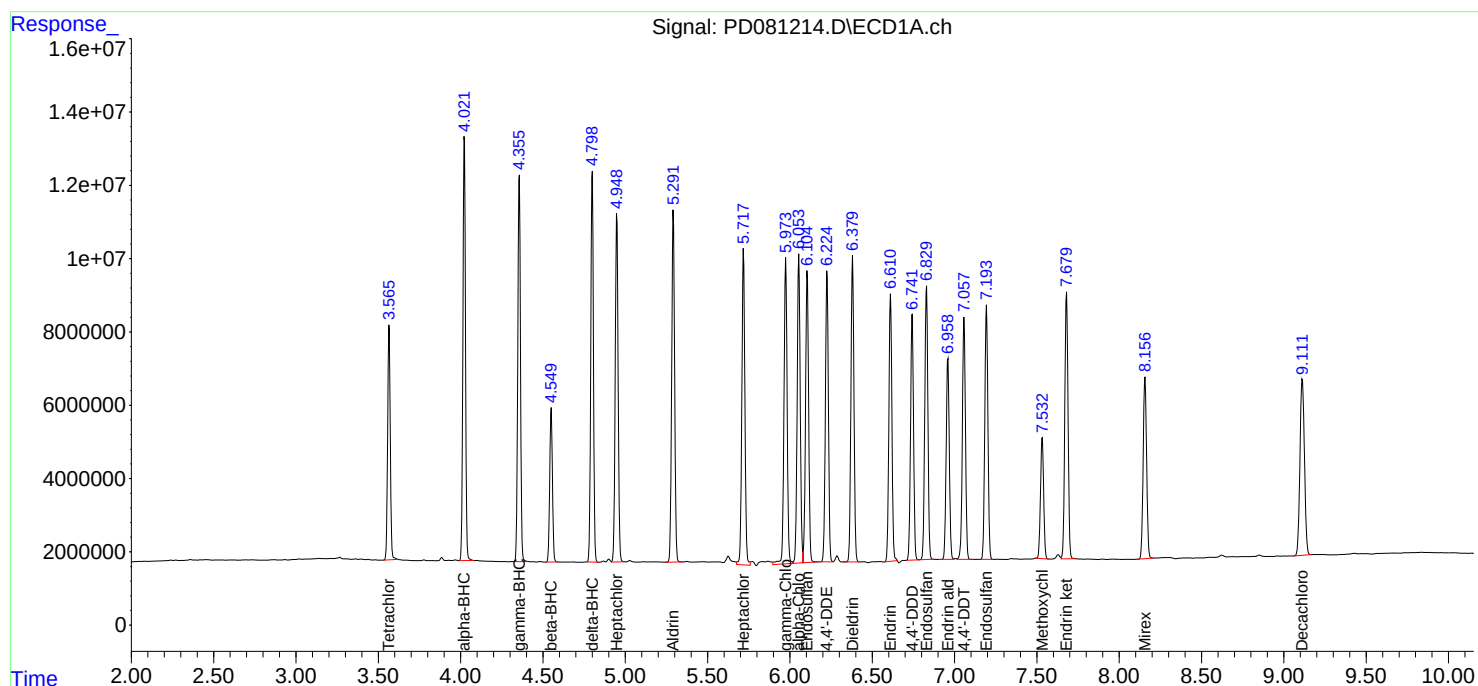
Manual Integrations

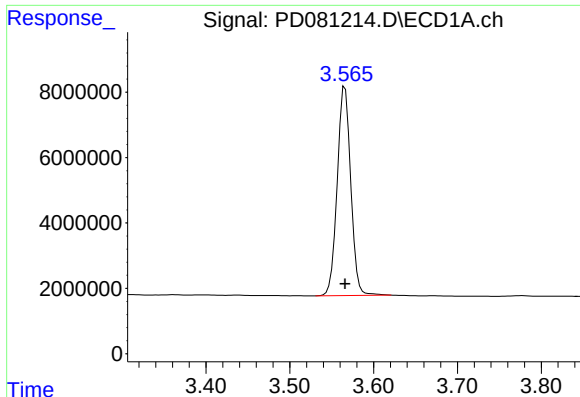
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Supervised By :Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 20:21:39 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: 71736710
Conc: 50.53 ng/ml

Instrument :

ECD_D

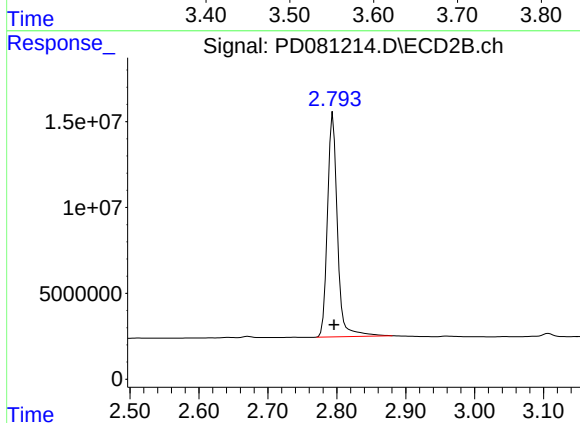
ClientSampleId :

PSTDCCC050

Manual Integrations

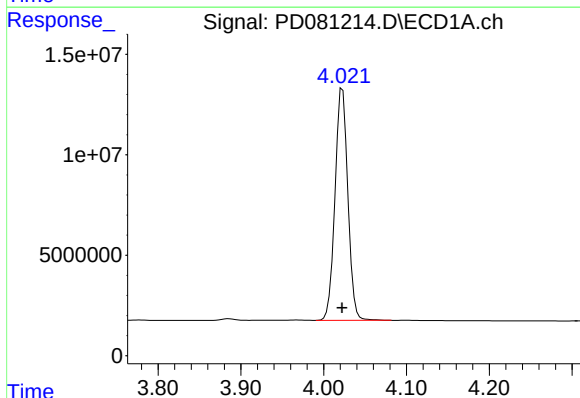
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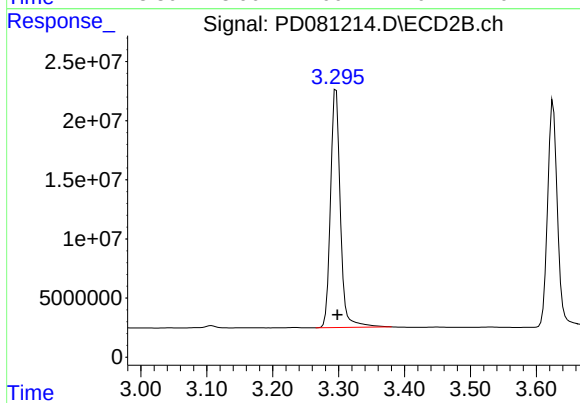
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.002 min
Response: 131132339
Conc: 54.82 ng/ml



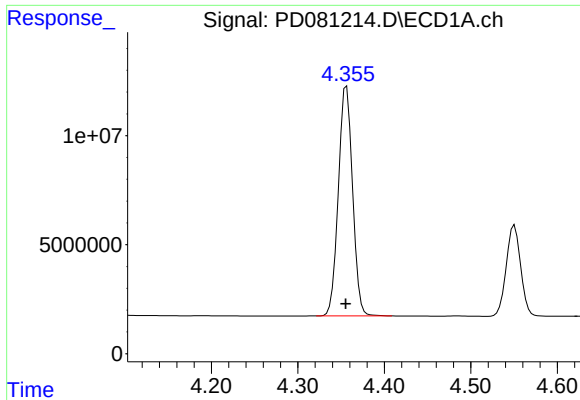
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 124583988
Conc: 50.16 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 209062299
Conc: 54.48 ng/ml



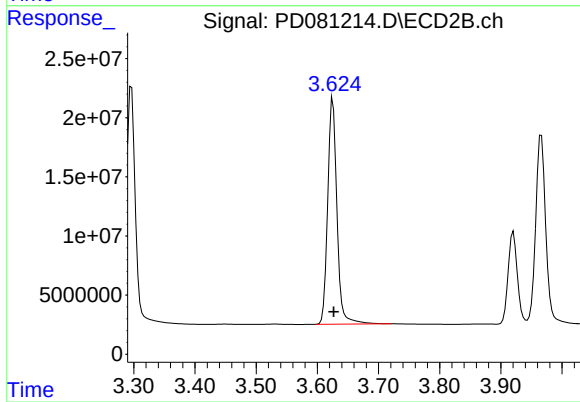
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 119505943
Conc: 48.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

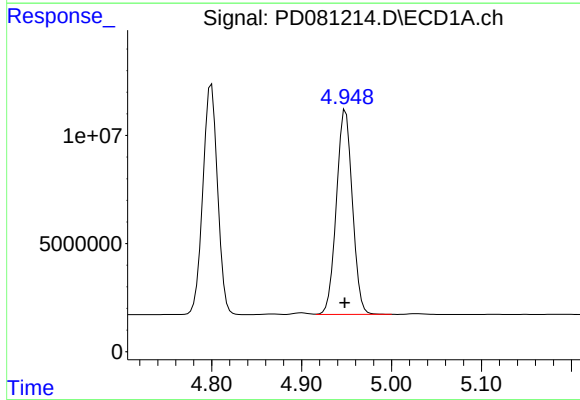
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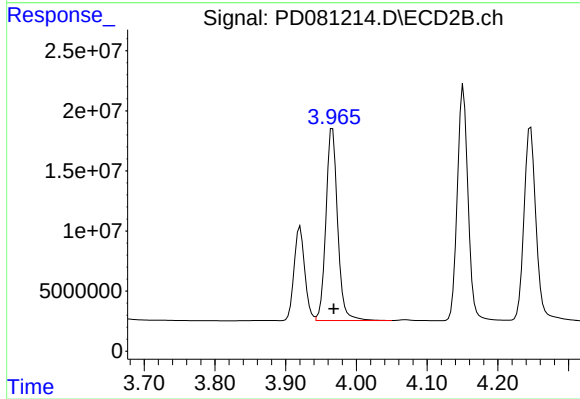
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 201046062
Conc: 53.77 ng/ml



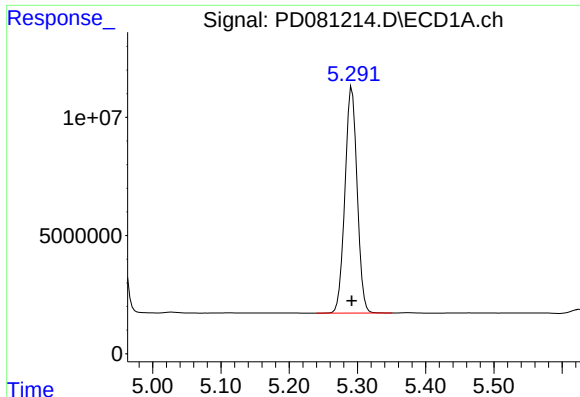
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.001 min
Response: 116846611
Conc: 47.38 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 183888402
Conc: 53.33 ng/ml



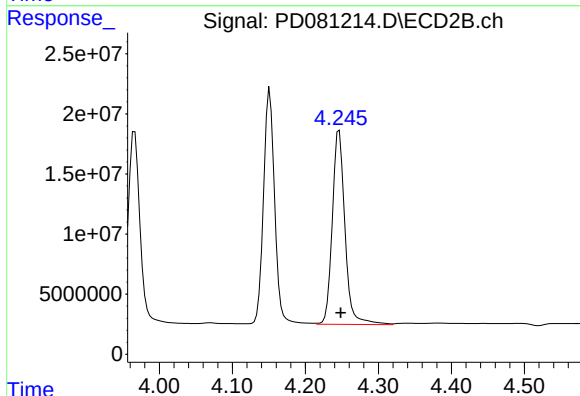
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 118870502
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

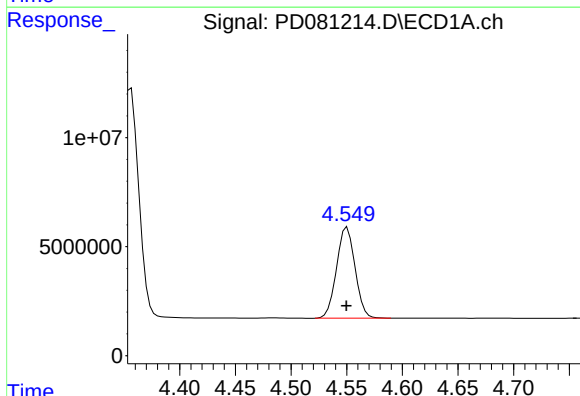
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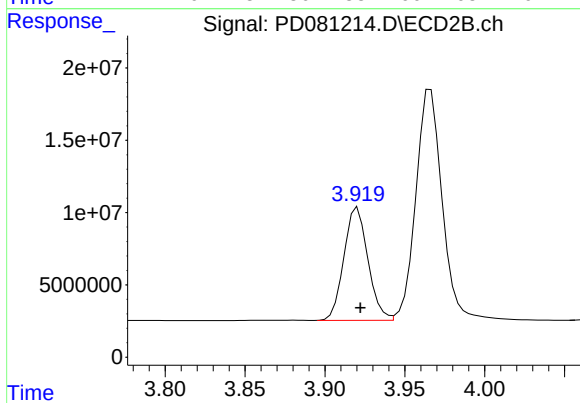
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 194889299
Conc: 53.51 ng/ml



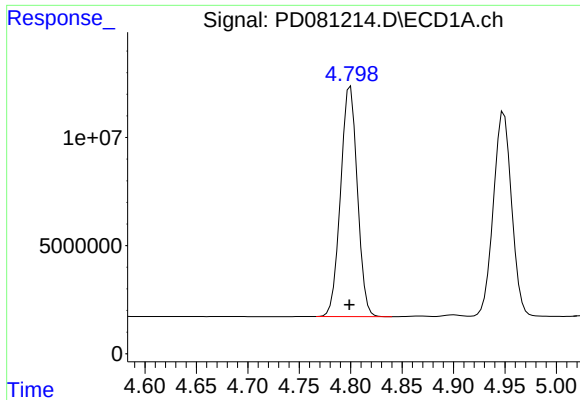
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 48309364
Conc: 47.74 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 81902143
Conc: 52.41 ng/ml



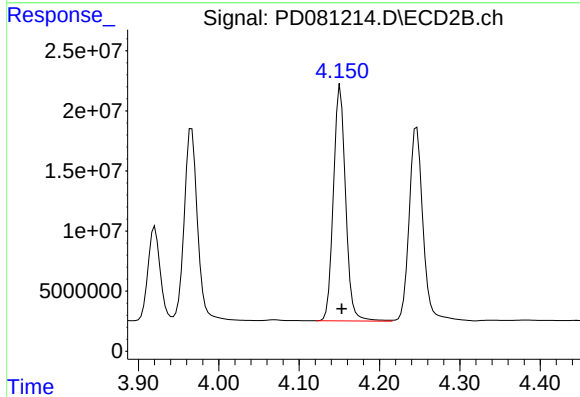
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 120798264
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

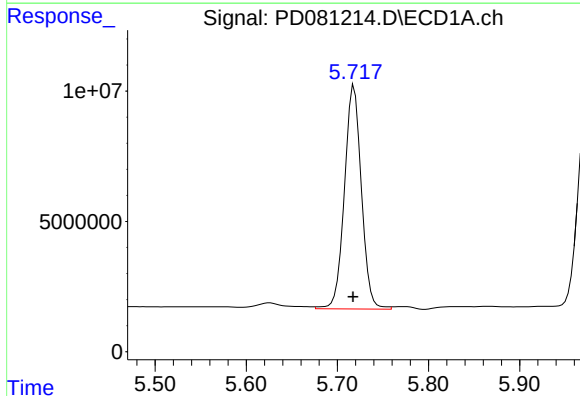
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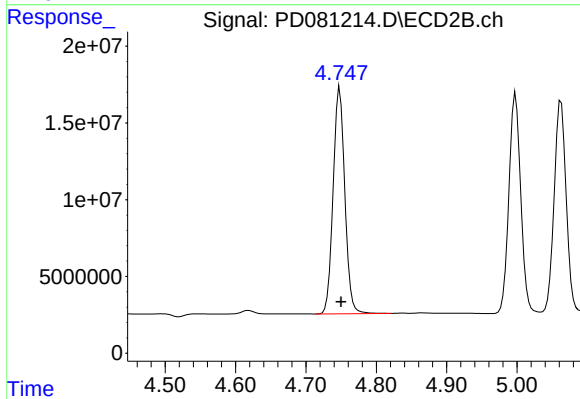
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 206778001
Conc: 55.10 ng/ml



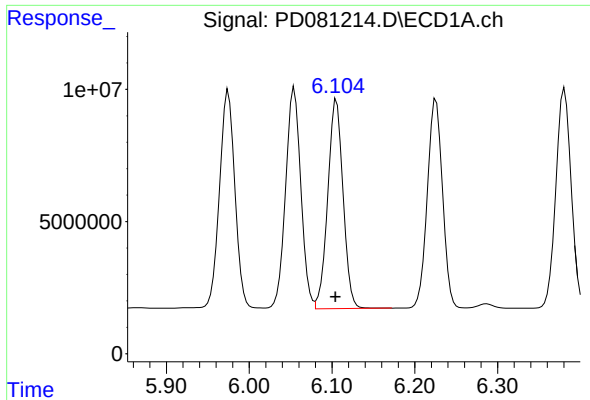
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.001 min
Response: 110876853
Conc: 49.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 170490704
Conc: 50.90 ng/ml



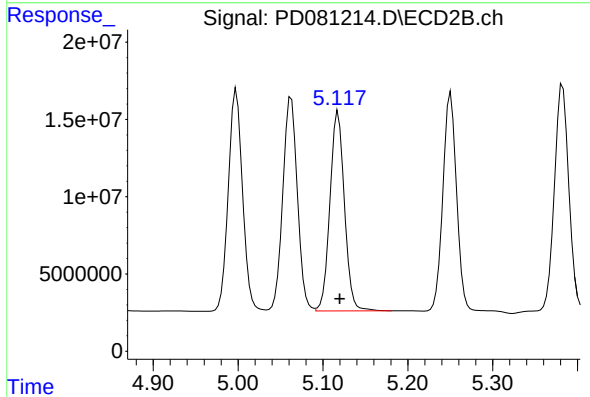
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.001 min
Response: 101637690
Conc: 49.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

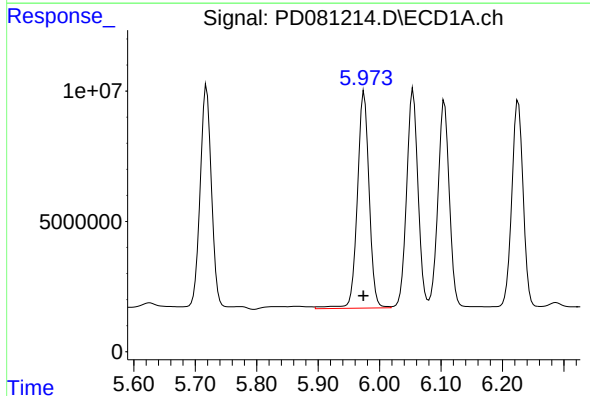
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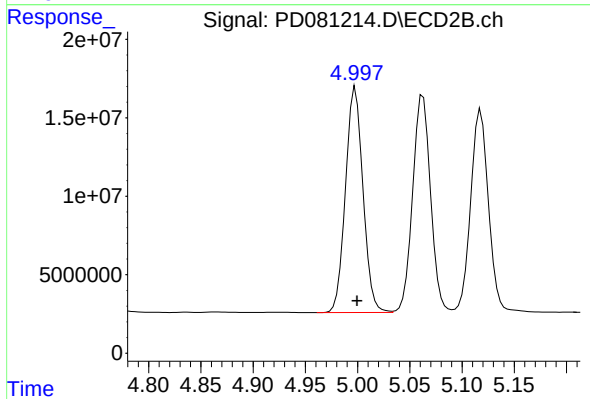
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 153652821
Conc: 50.17 ng/ml



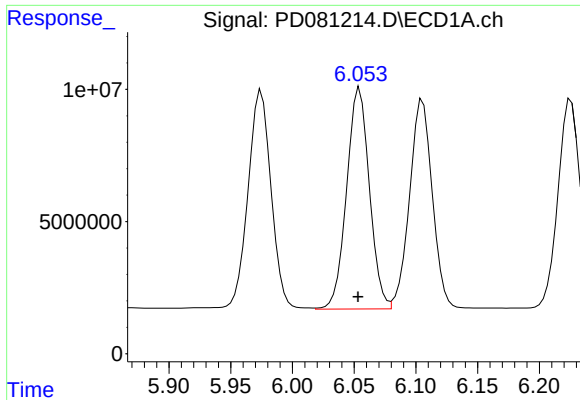
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.001 min
Response: 110616140
Conc: 50.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 167496932
Conc: 51.21 ng/ml



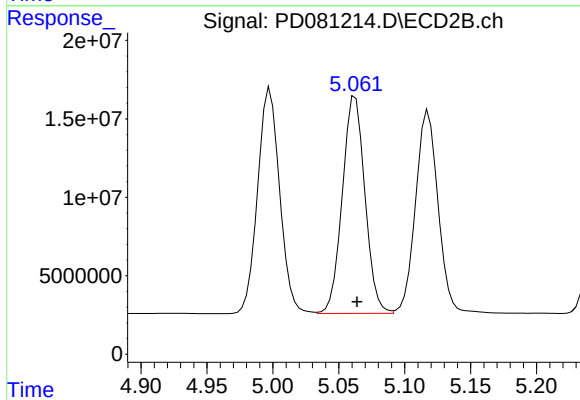
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 107528389
Conc: 49.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

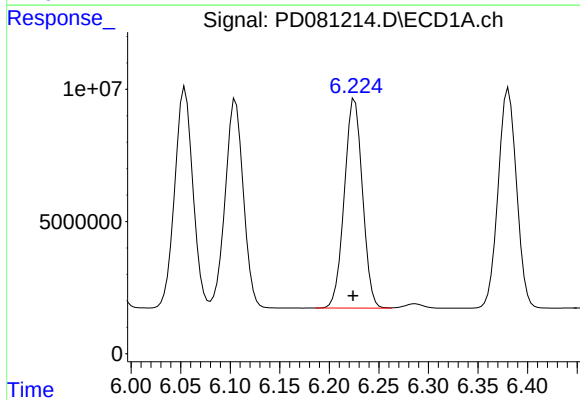
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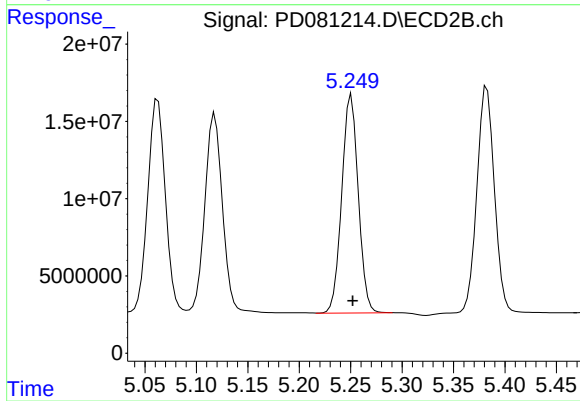
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 165267952
Conc: 50.55 ng/ml



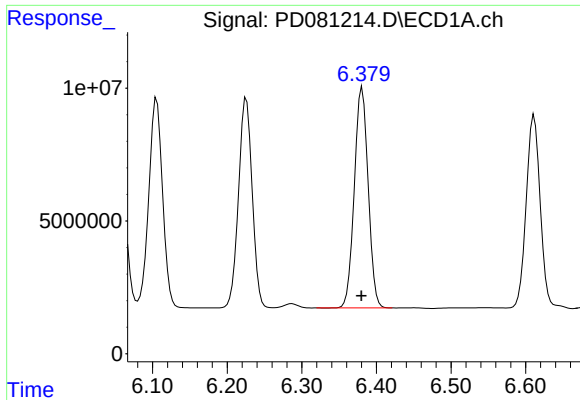
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 100834464
Conc: 49.55 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 158027845
Conc: 51.59 ng/ml m



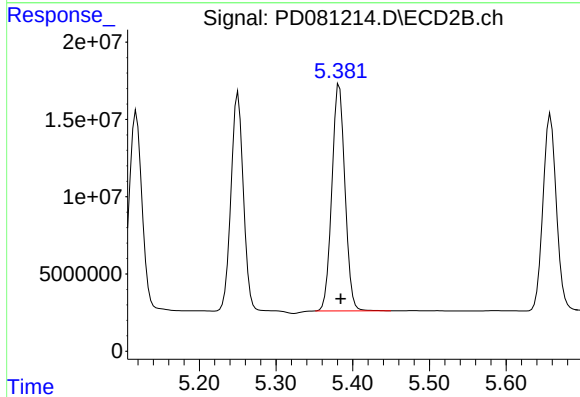
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 107160940
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

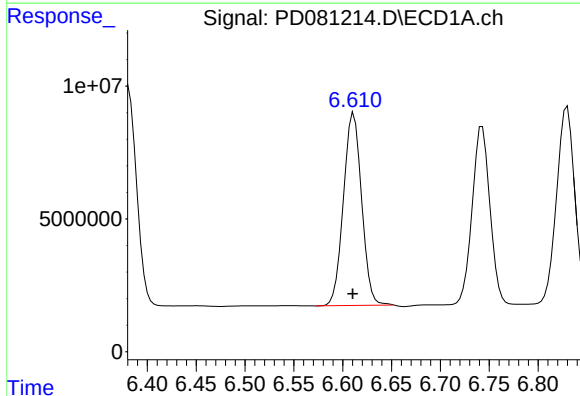
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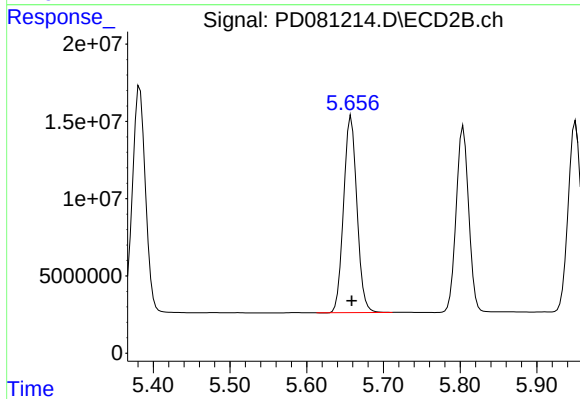
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 173895892
Conc: 51.13 ng/ml



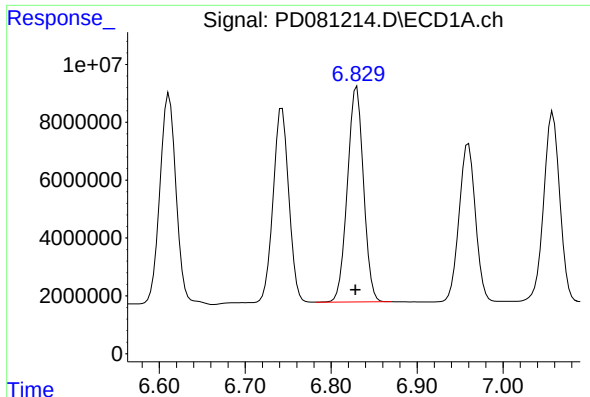
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 93971041
Conc: 50.31 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 153996983
Conc: 51.97 ng/ml



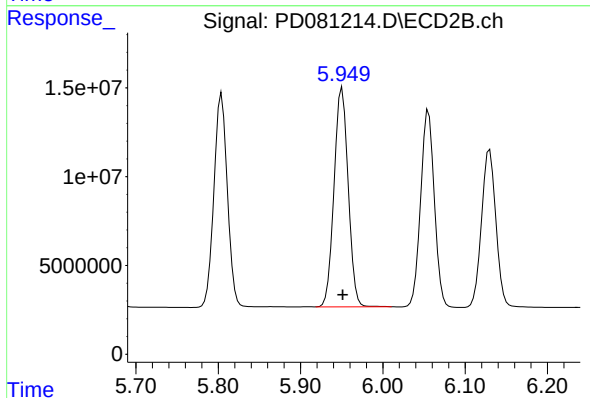
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 97153928
Conc: 50.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

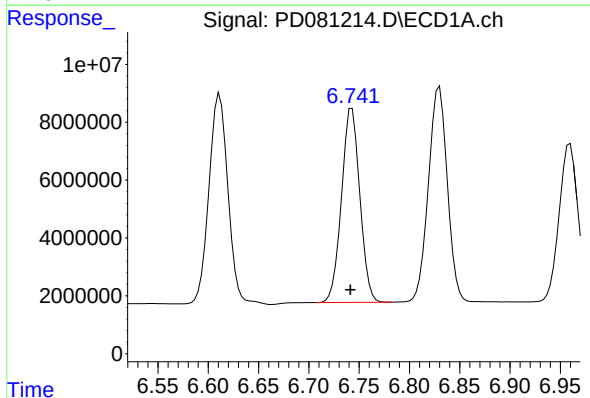
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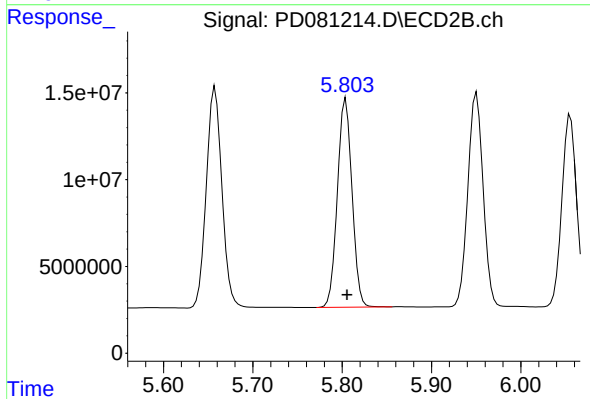
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 147173845
Conc: 51.17 ng/ml



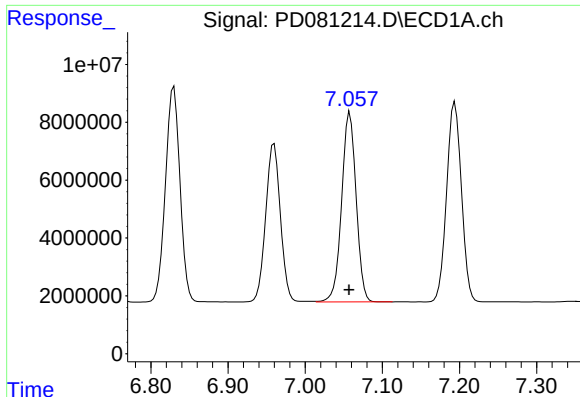
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 84864405
Conc: 51.65 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 136616511
Conc: 52.04 ng/ml



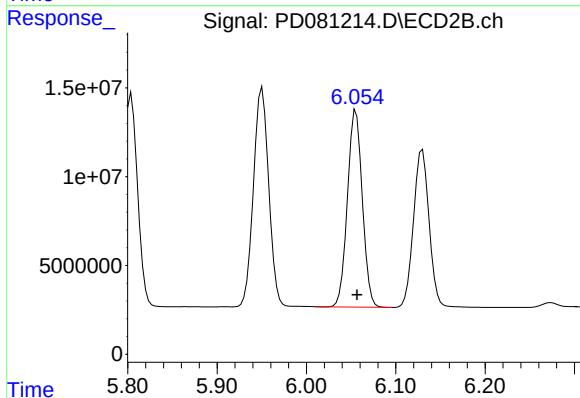
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 85239724
Conc: 47.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

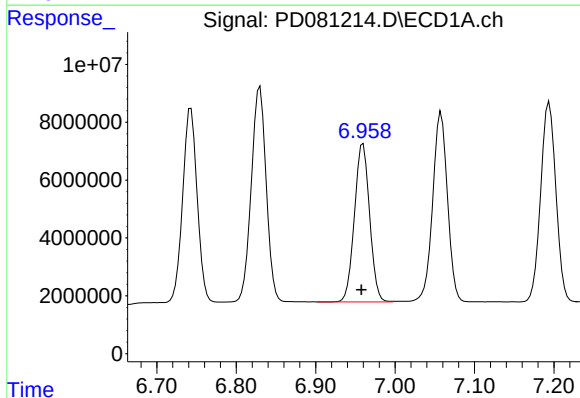
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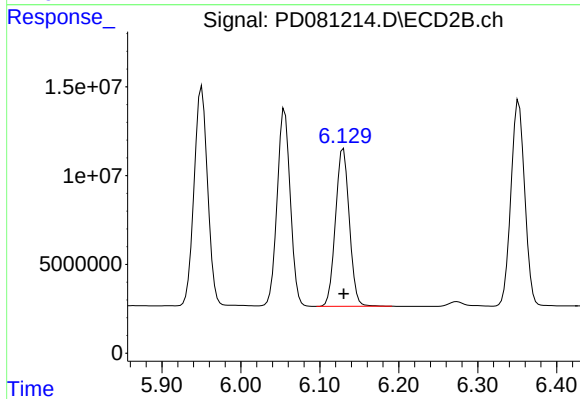
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: -0.001 min
Response: 128466335
Conc: 48.42 ng/ml



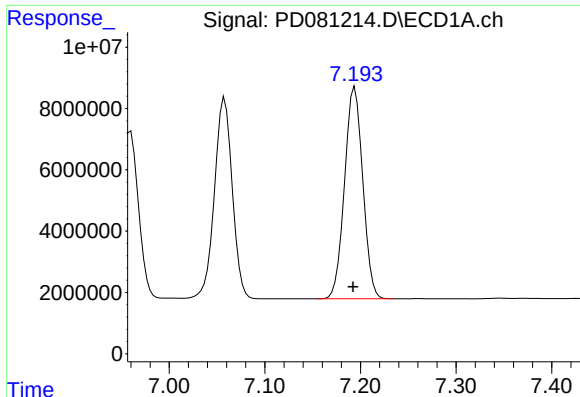
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 72401425
Conc: 47.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 107998296
Conc: 47.90 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 91848410
Conc: 48.37 ng/ml

Instrument :

ECD_D

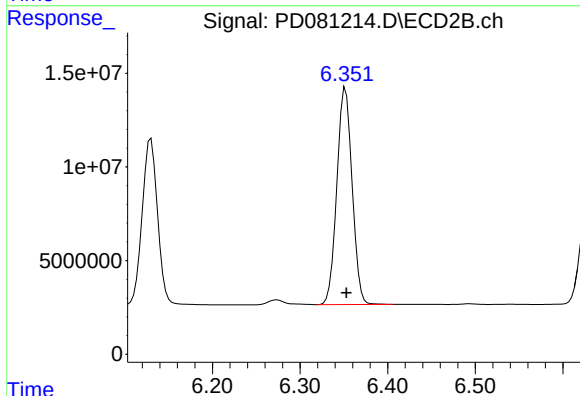
ClientSampleId :

PSTDCCC050

Manual Integrations

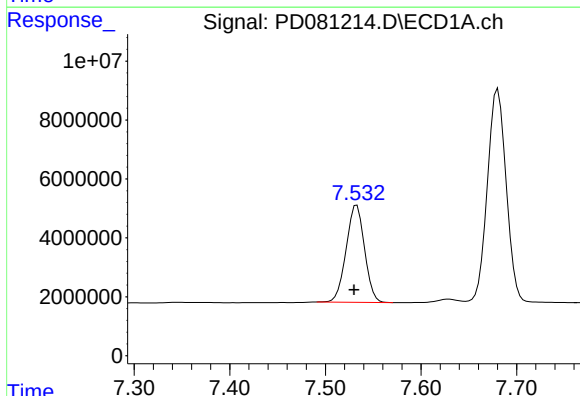
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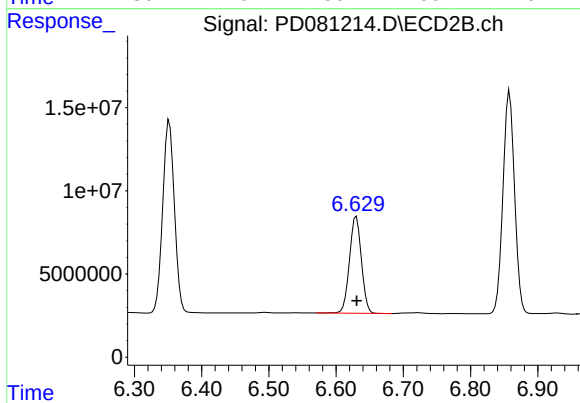
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 140353131
Conc: 50.32 ng/ml



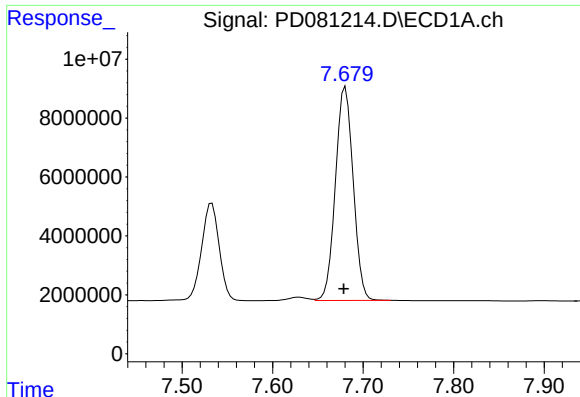
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 44199675
Conc: 42.94 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 71814403
Conc: 45.88 ng/ml



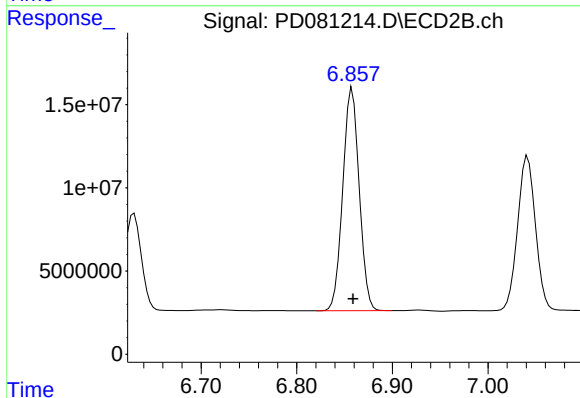
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.002 min
Response: 98900137
Conc: 47.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

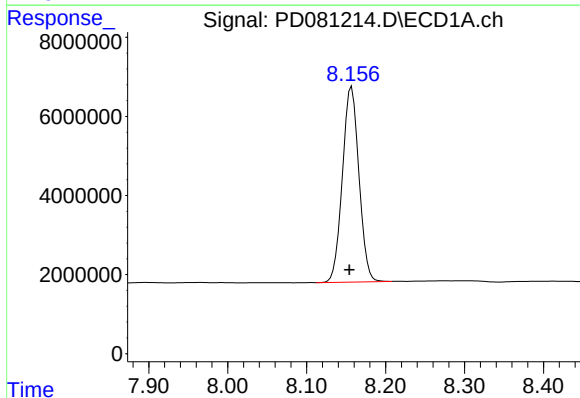
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Supervised By :Ankita Jodhani 02/09/2024



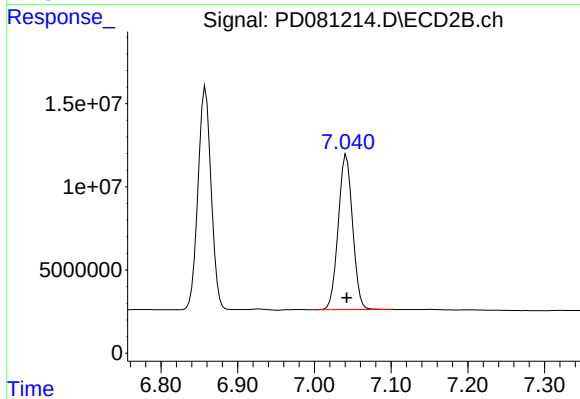
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 160214453
Conc: 49.65 ng/ml



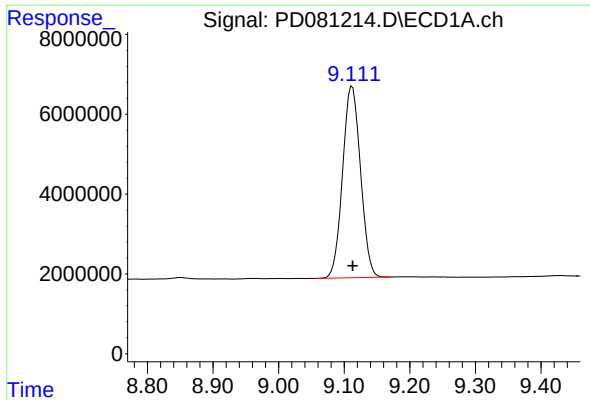
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.003 min
Response: 71846124
Conc: 43.56 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 121265782
Conc: 48.12 ng/ml



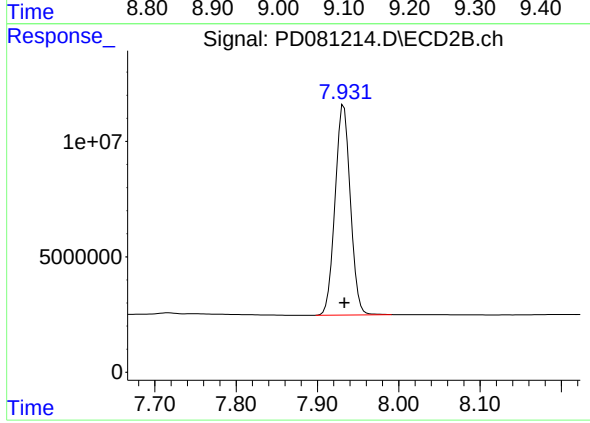
#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 91030945
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/09/2024



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 119160439
Conc: 44.74 ng/ml