

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022124\
 Data File : PD081526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2024 09:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2024
 Supervised By :Ankita Jodhani 02/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 20:36:07 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...	3.571	2.790	74291582	141.9E6	52.334	59.306
28)	SA Decachlor...	9.116	7.929	96197652	146.9E6	47.801	55.160
Target Compounds							
2)	A alpha-BHC	4.028	3.291	129.4E6	225.8E6	52.097	58.837
3)	MA gamma-BHC...	4.362	3.621	126.4E6	214.0E6	51.636	57.230
4)	MA Heptachlor	4.954	3.962	125.2E6	189.8E6	50.762	55.053
5)	MB Aldrin	5.297	4.242	125.7E6	197.8E6	51.197	54.311
6)	B beta-BHC	4.556	3.916	52112464	87049146	51.502	55.708
7)	B delta-BHC	4.805	4.147	132.2E6	219.2E6	52.709	58.416
8)	B Heptachlo...	5.723	4.743	113.3E6	179.1E6	50.579	53.471
9)	A Endosulfan I	6.110	5.113	105.4E6	165.0E6	50.838	53.860
10)	B gamma-Chl...	5.979	4.993	111.8E6	178.8E6	51.069	54.652
11)	B alpha-Chl...	6.059	5.058	110.6E6	176.1E6	50.778	53.874
12)	B 4,4'-DDE	6.230	5.246	106.4E6	170.9E6	52.288	55.800
13)	MA Dieldrin	6.385	5.376	112.5E6	184.7E6	50.922	54.303m
14)	MA Endrin	6.615	5.652	89215255	156.2E6	47.766	52.712m
15)	B Endosulfa...	6.834	5.946	95405383	160.0E6	49.269	55.634
16)	A 4,4'-DDD	6.747	5.800	82697390	147.9E6	50.329	56.347
17)	MA 4,4'-DDT	7.062	6.051	83495960	143.1E6	46.885	53.938
18)	B Endrin al...	6.964	6.125	74532935	124.2E6	48.998	55.092
19)	B Endosulfa...	7.198	6.348	89529772	154.9E6	47.152	55.530
20)	A Methoxychlor	7.536	6.626	47234274	77638259	45.891	49.601
21)	B Endrin ke...	7.684	6.854	107.7E6	185.3E6	51.506	57.417
22)	Mirex	8.160	7.037	78470387	132.6E6	47.576	52.613

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022124\
Data File : PD081526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2024 09:52
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

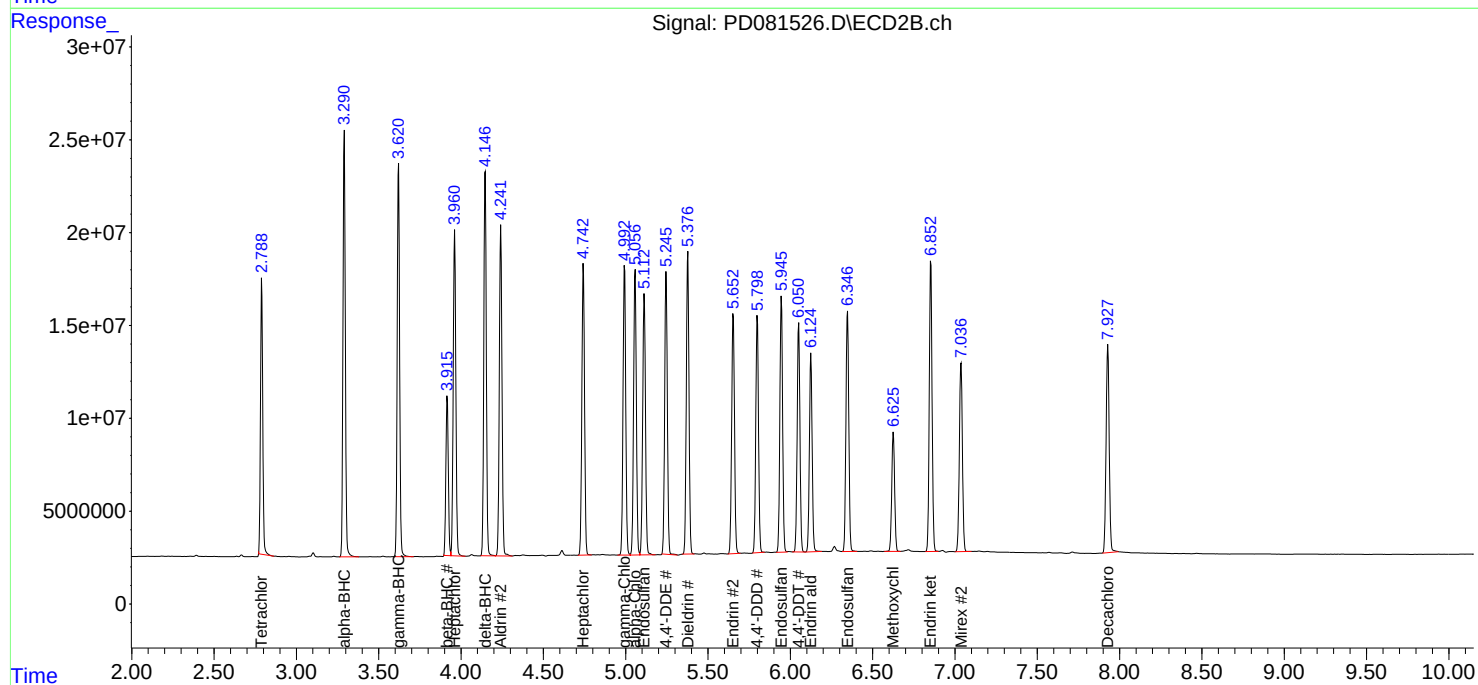
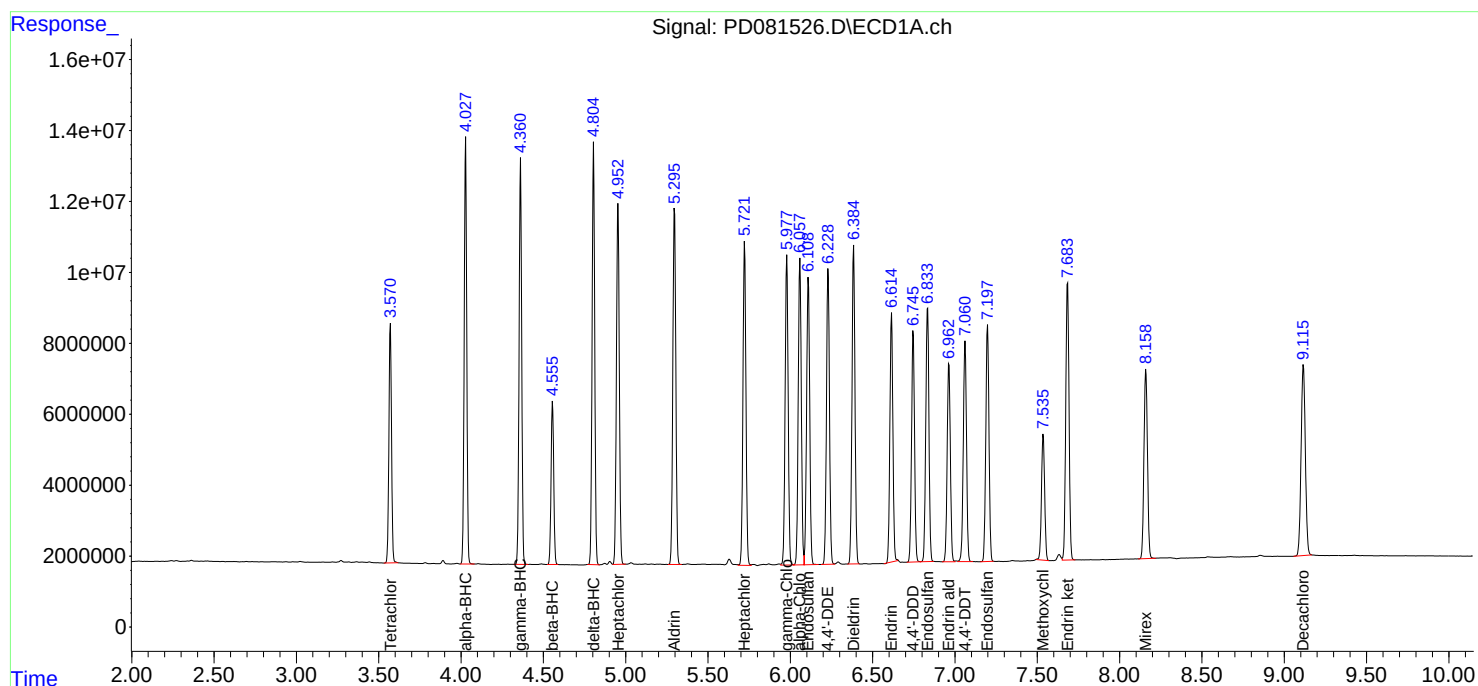
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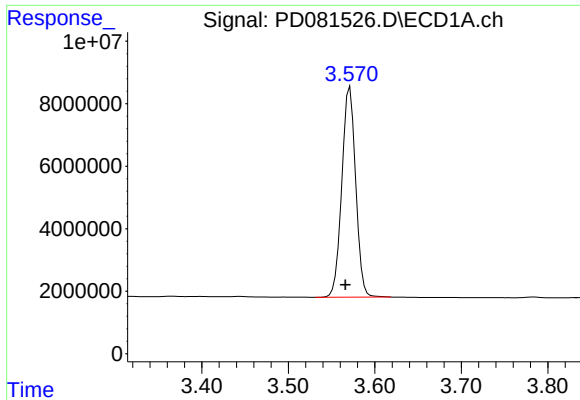
Reviewed By :Abdul Mirza 02/21/2024

Supervised By :Ankita Jodhani 02/21/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 20:36:07 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
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





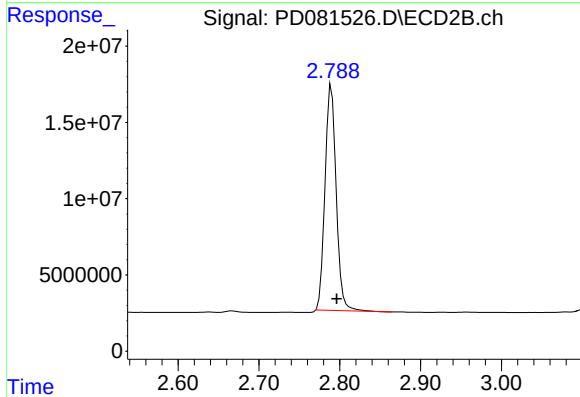
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.005 min
Response: 74291582
Conc: 52.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

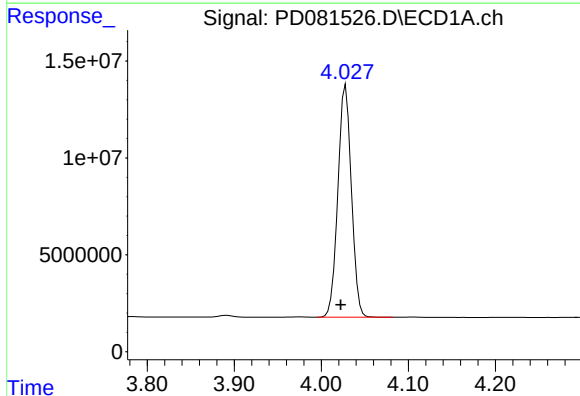
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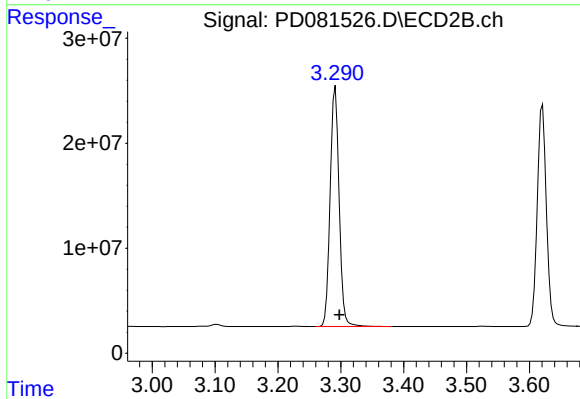
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: -0.006 min
Response: 141868228
Conc: 59.31 ng/ml



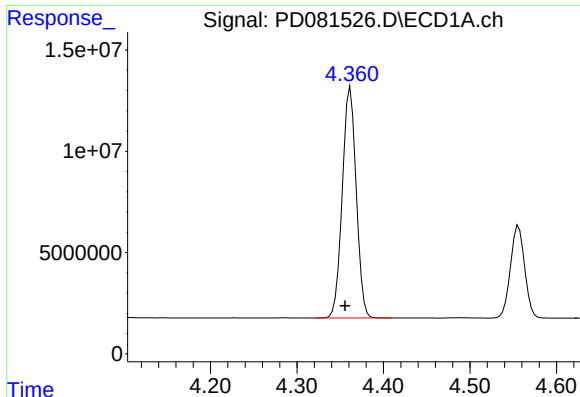
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.006 min
Response: 129400510
Conc: 52.10 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.007 min
Response: 225763765
Conc: 58.84 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.362 min
Delta R.T.: 0.006 min
Response: 126384576
Conc: 51.64 ng/ml

Instrument :

ECD_D

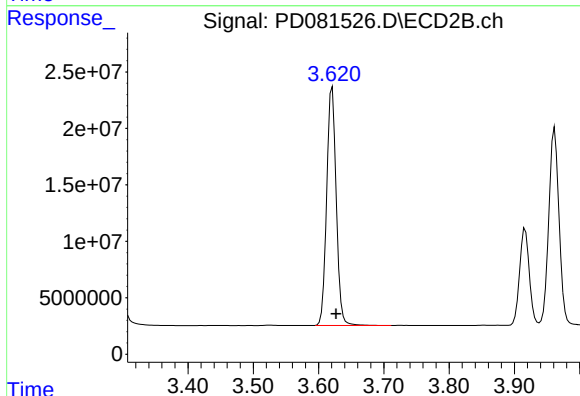
ClientSampleId :

PSTDCCC050

Manual Integrations

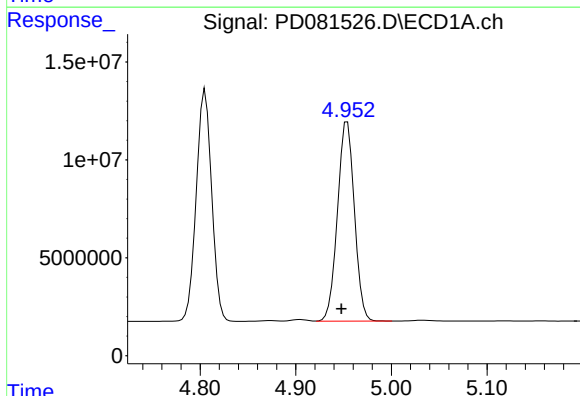
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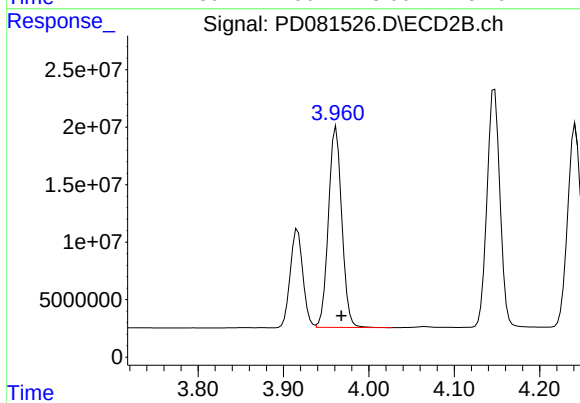
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.006 min
Response: 213977994
Conc: 57.23 ng/ml



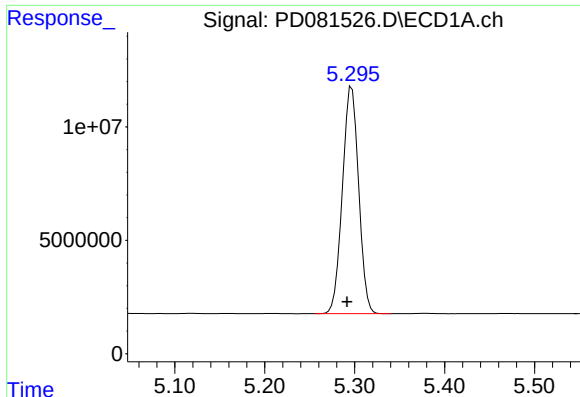
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.006 min
Response: 125198058
Conc: 50.76 ng/ml



#4 Heptachlor

R.T.: 3.962 min
Delta R.T.: -0.006 min
Response: 189827831
Conc: 55.05 ng/ml



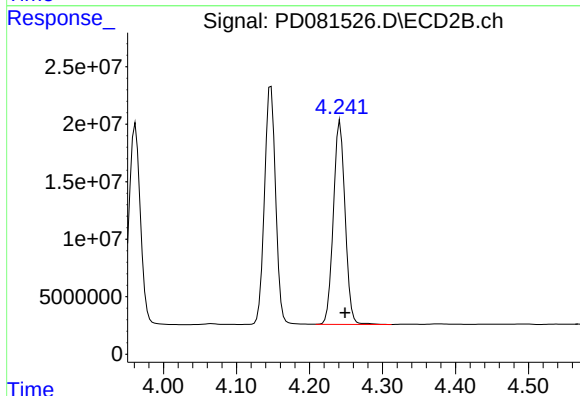
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.005 min
Response: 125669121
Conc: 51.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

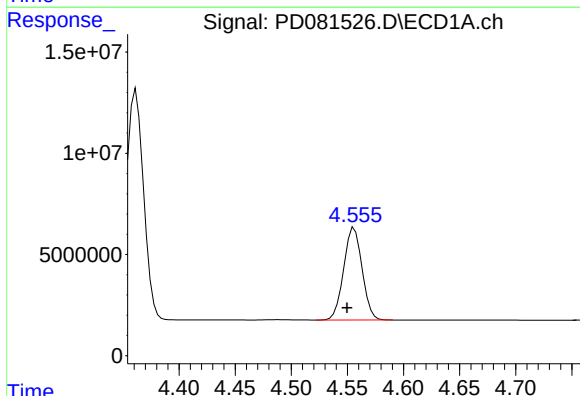
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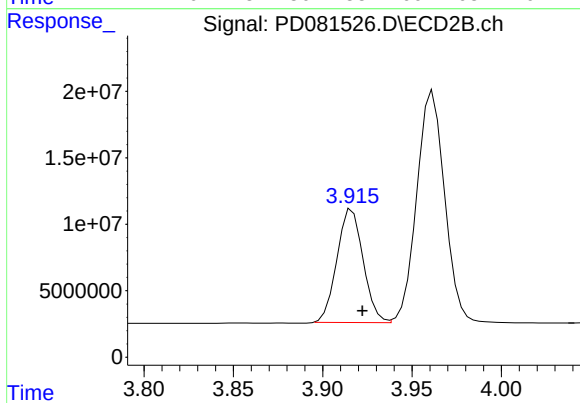
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: -0.006 min
Response: 197801132
Conc: 54.31 ng/ml



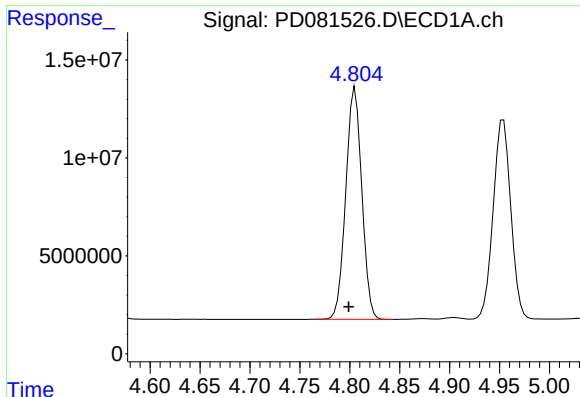
#6 beta-BHC

R.T.: 4.556 min
Delta R.T.: 0.006 min
Response: 52112464
Conc: 51.50 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: -0.006 min
Response: 87049146
Conc: 55.71 ng/ml



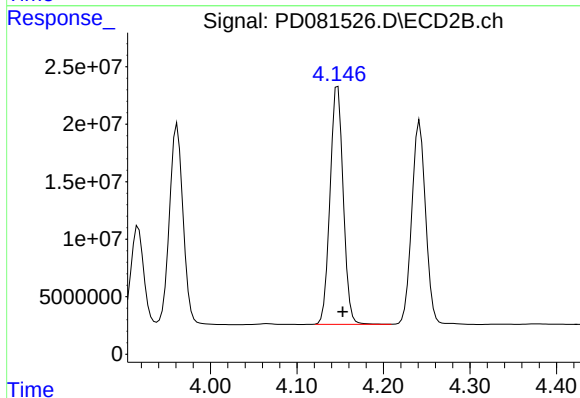
#7 delta-BHC

R.T.: 4.805 min
Delta R.T.: 0.007 min
Response: 132236742
Conc: 52.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

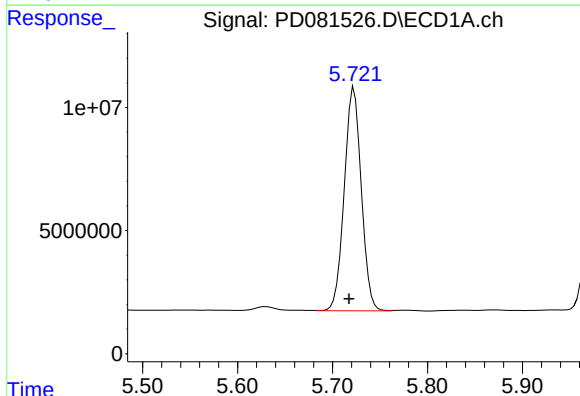
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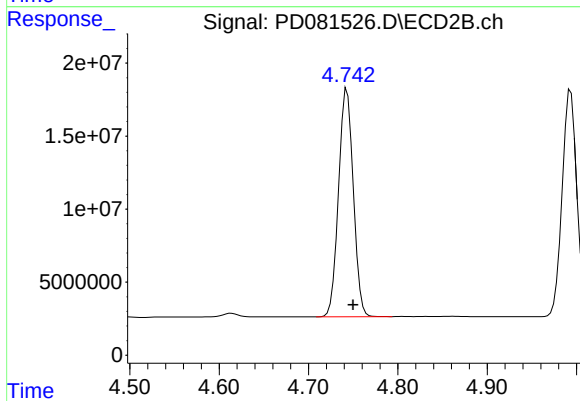
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.006 min
Response: 219237004
Conc: 58.42 ng/ml



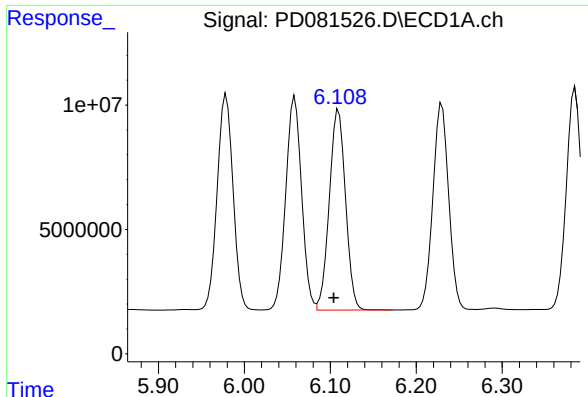
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.005 min
Response: 113257400
Conc: 50.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.007 min
Response: 179100756
Conc: 53.47 ng/ml



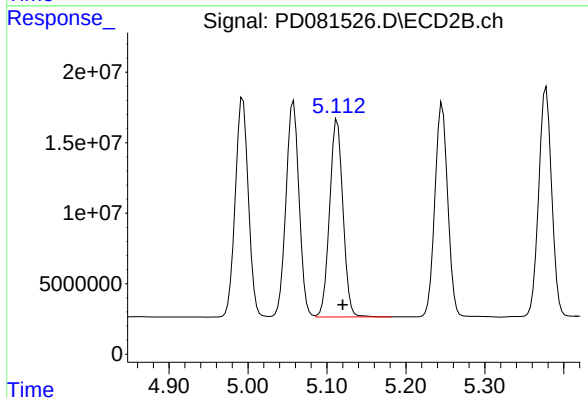
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.006 min
Response: 105440321
Conc: 50.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

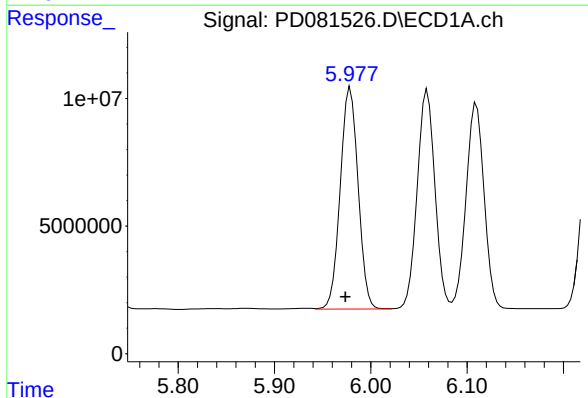
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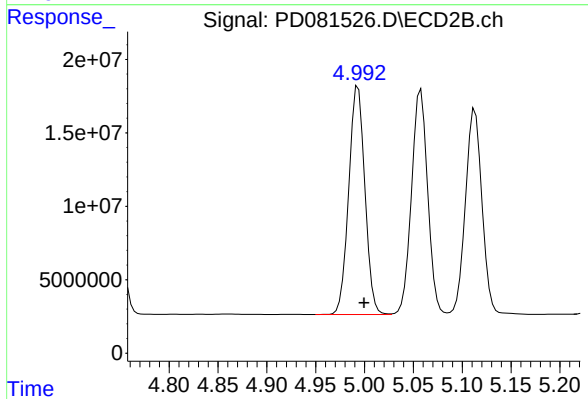
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.007 min
Response: 164960291
Conc: 53.86 ng/ml



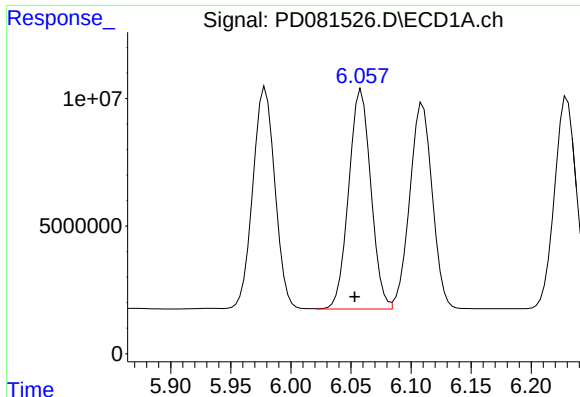
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.005 min
Response: 111796610
Conc: 51.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.006 min
Response: 178767903
Conc: 54.65 ng/ml



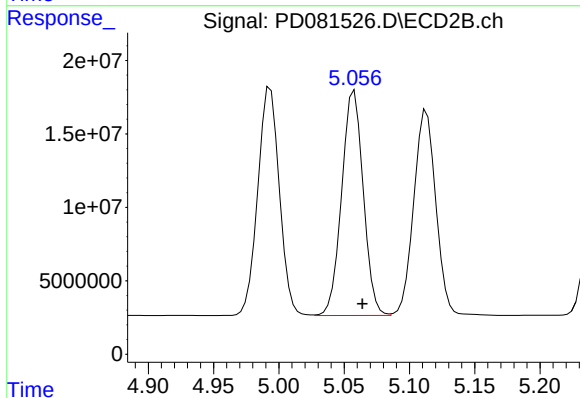
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.006 min
Response: 110564989
Conc: 50.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

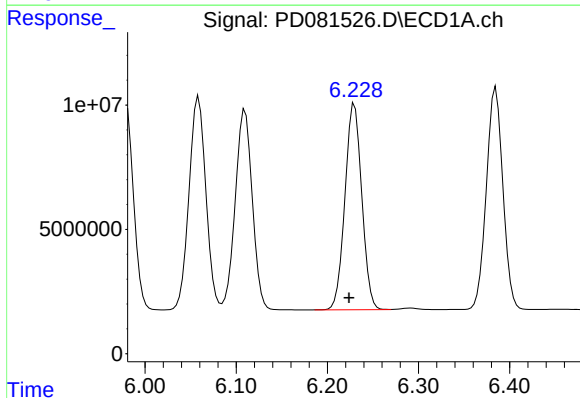
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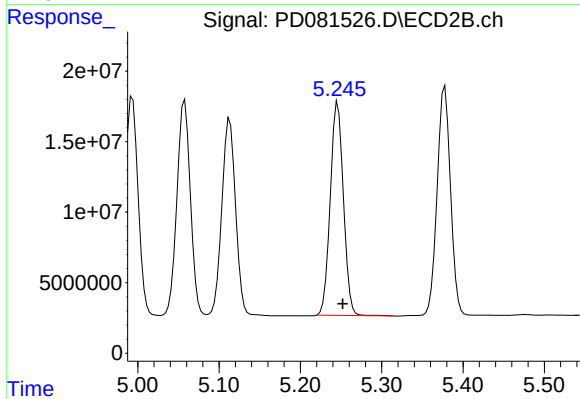
#11 alpha-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.006 min
Response: 176143169
Conc: 53.87 ng/ml



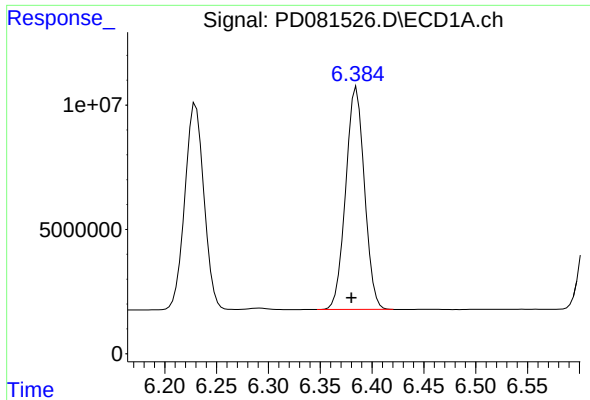
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.006 min
Response: 106399467
Conc: 52.29 ng/ml



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.006 min
Response: 170929534
Conc: 55.80 ng/ml



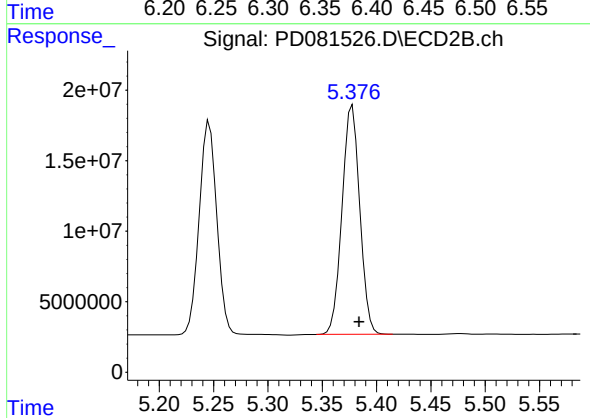
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.005 min
Response: 112521738
Conc: 50.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

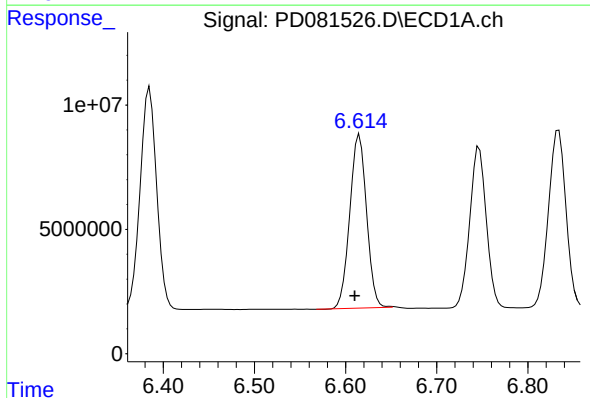
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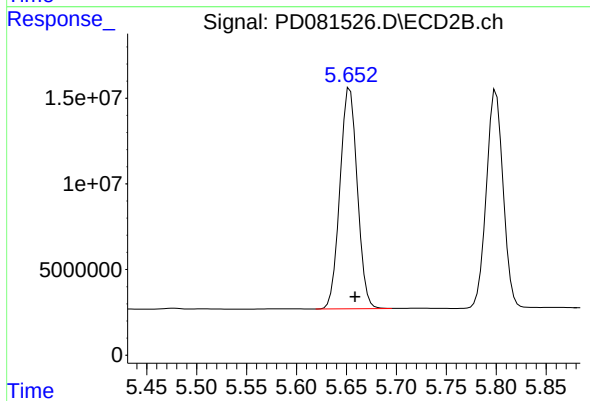
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.008 min
Response: 184673562
Conc: 54.30 ng/ml m



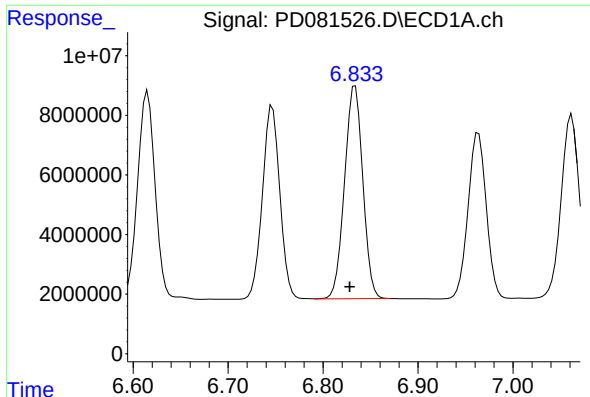
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.005 min
Response: 89215255
Conc: 47.77 ng/ml



#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 156205105
Conc: 52.71 ng/ml m



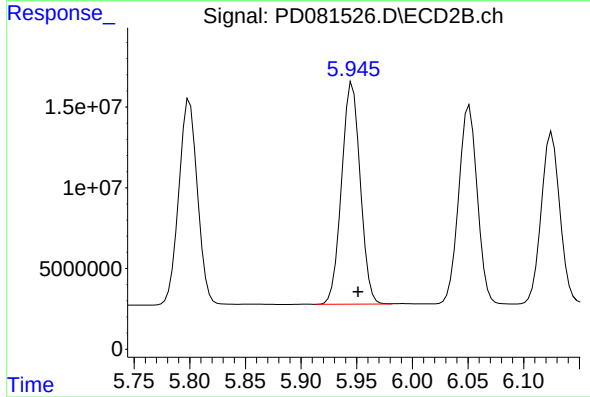
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.006 min
Response: 95405383
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

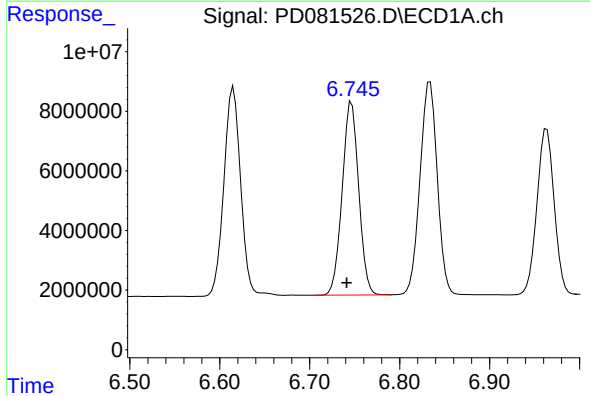
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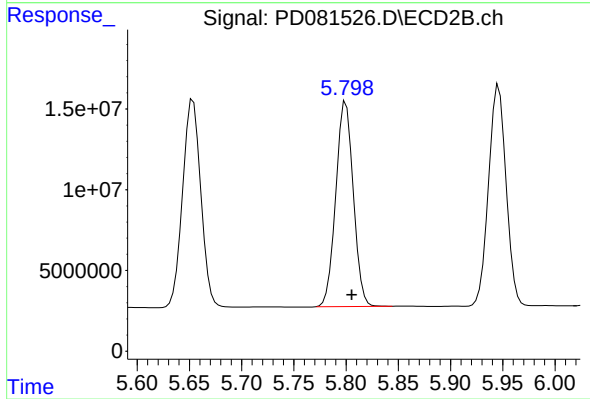
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 159998588
Conc: 55.63 ng/ml



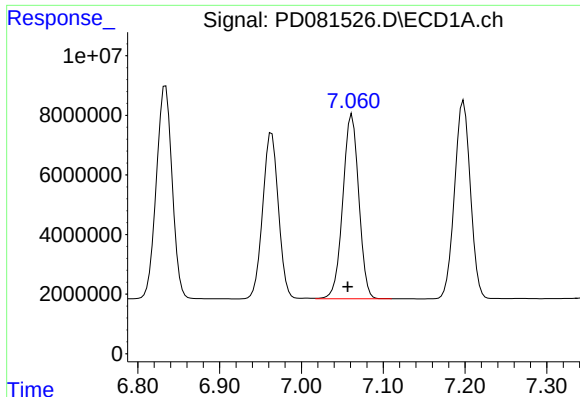
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.005 min
Response: 82697390
Conc: 50.33 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.006 min
Response: 147926585
Conc: 56.35 ng/ml



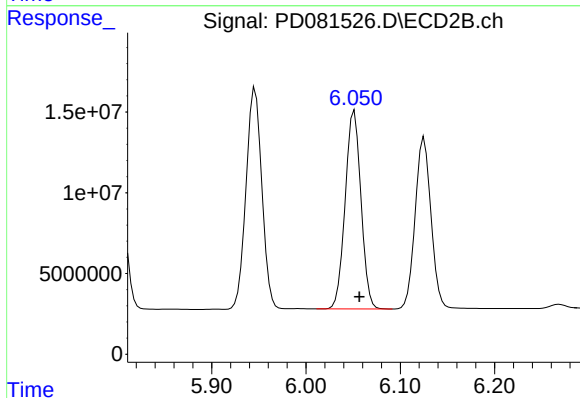
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.005 min
Response: 83495960
Conc: 46.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

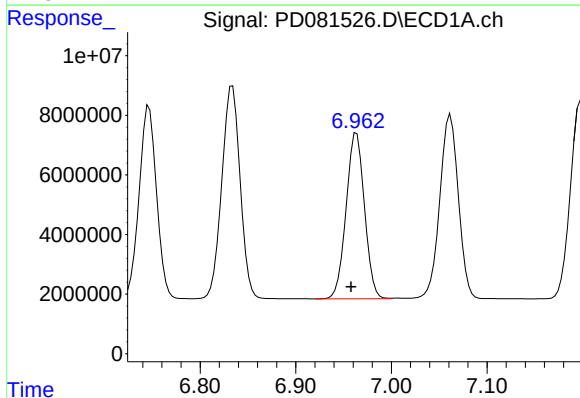
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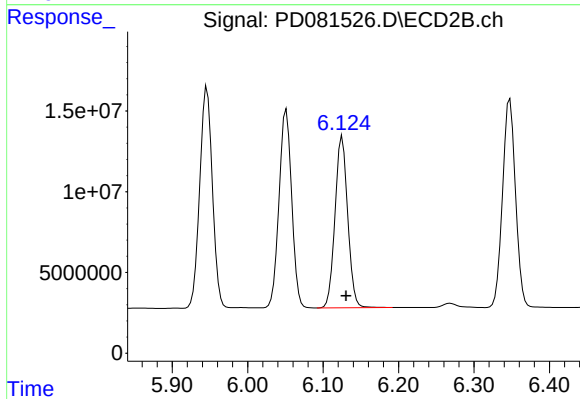
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.005 min
Response: 143099782
Conc: 53.94 ng/ml



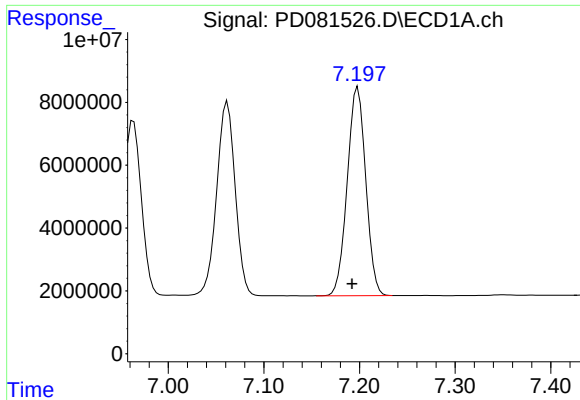
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.006 min
Response: 74532935
Conc: 49.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.005 min
Response: 124214254
Conc: 55.09 ng/ml



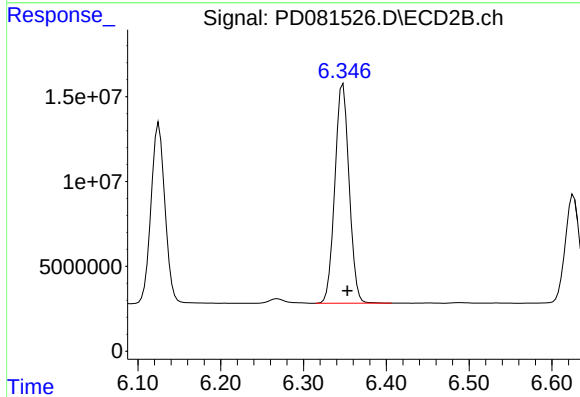
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.006 min
Response: 89529772
Conc: 47.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

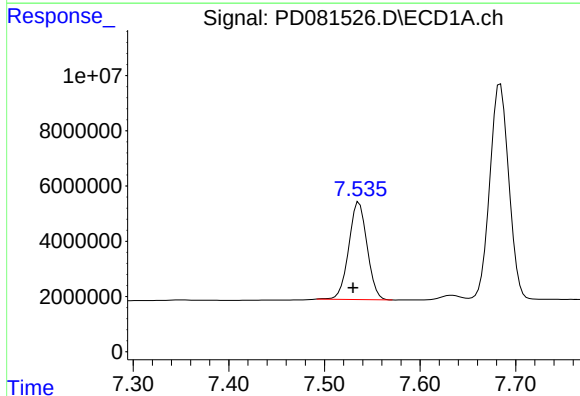
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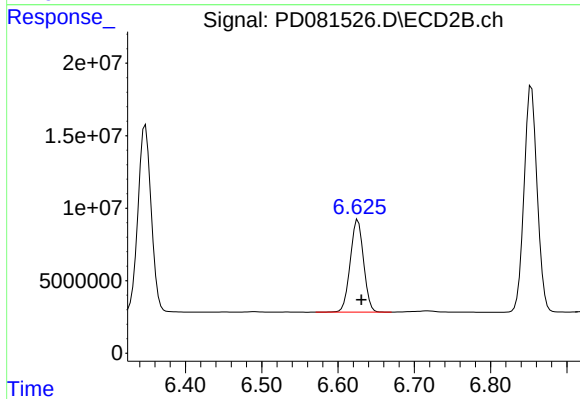
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.005 min
Response: 154894533
Conc: 55.53 ng/ml



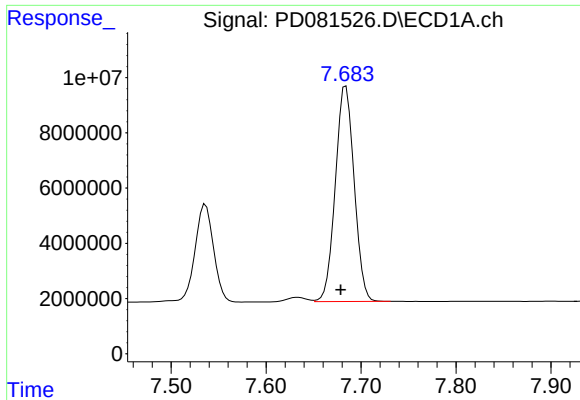
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.006 min
Response: 47234274
Conc: 45.89 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 77638259
Conc: 49.60 ng/ml



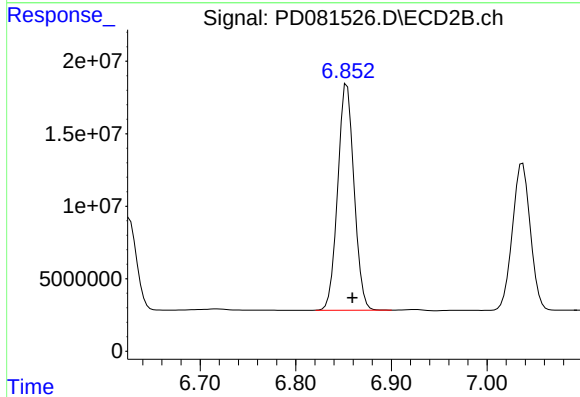
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.005 min
Response: 107711088
Conc: 51.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

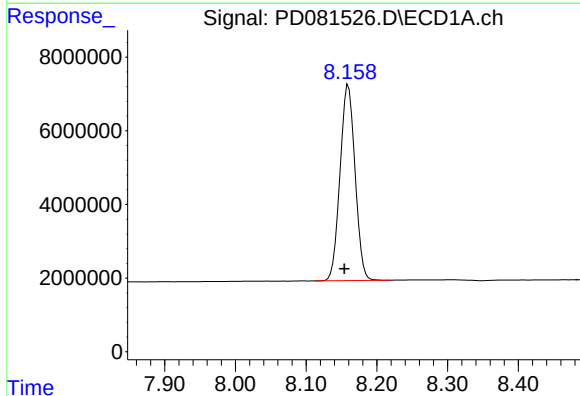
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Reviewed By :Abdul Mirza 02/21/2024
Supervised By :Ankita Jodhani 02/21/2024



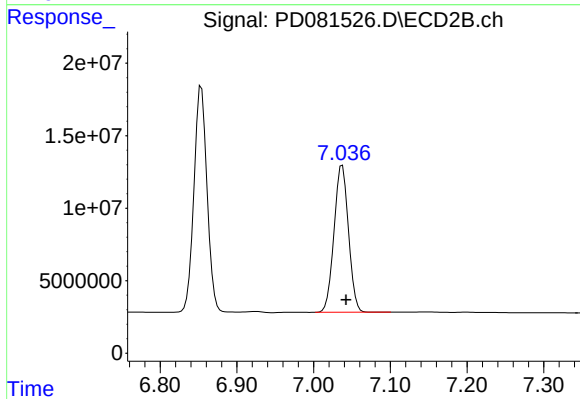
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.005 min
Response: 185286662
Conc: 57.42 ng/ml



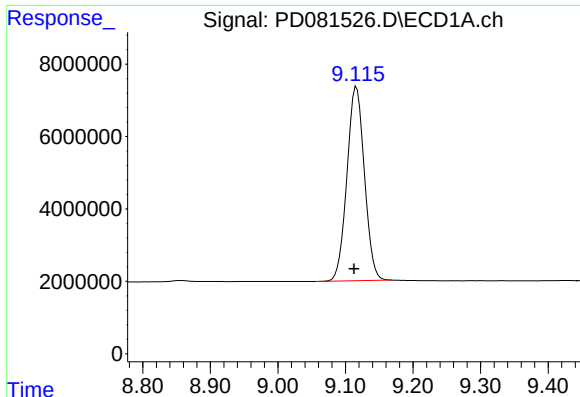
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.006 min
Response: 78470387
Conc: 47.58 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: -0.005 min
Response: 132583202
Conc: 52.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 96197652
Conc: 47.80 ng/ml

Instrument :

ECD_D

ClientSampleId :

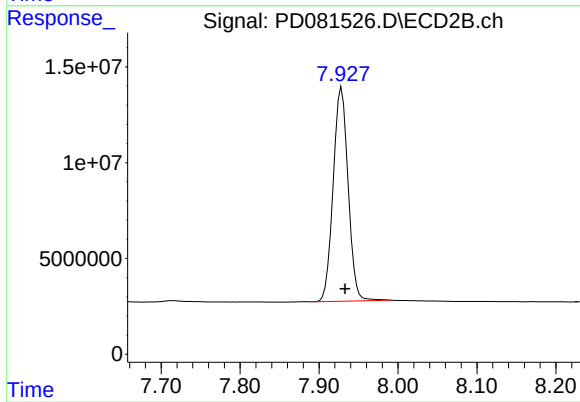
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/21/2024

Supervised By :Ankita Jodhani 02/21/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 146924937
Conc: 55.16 ng/ml