

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
 Data File : PD081248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 23:42
 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 09 04:05:01 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	74420549	133.6E6	52.425	55.835
28)	SA Decachlor...	9.110	7.931	97483481	132.9E6	48.440	49.913
Target Compounds							
2)	A alpha-BHC	4.022	3.296	131.2E6	213.0E6	52.832	55.507
3)	MA gamma-BHC...	4.355	3.625	129.1E6	204.4E6	52.743	54.663
4)	MA Heptachlor	4.948	3.966	125.6E6	185.2E6	50.926	53.704
5)	MB Aldrin	5.291	4.246	128.0E6	198.3E6	52.140	54.459
6)	B beta-BHC	4.549	3.920	52644702	83465218	52.028	53.415
7)	B delta-BHC	4.799	4.151	135.0E6	212.7E6	53.825	56.669
8)	B Heptachlo...	5.717	4.747	118.5E6	174.3E6	52.912	52.037
9)	A Endosulfan I	6.104	5.117	106.8E6	158.0E6	51.477	51.585
10)	B gamma-Chl...	5.972	4.997	112.5E6	172.2E6	51.411m	52.648
11)	B alpha-Chl...	6.053	5.062	112.6E6	170.0E6	51.701	52.006
12)	B 4,4'-DDE	6.224	5.249	106.0E6	162.2E6	52.102	52.961m
13)	MA Dieldrin	6.379	5.382	113.8E6	178.8E6	51.517	52.572
14)	MA Endrin	6.610	5.657	91079950	151.3E6	48.764	51.069
15)	B Endosulfa...	6.828	5.950	98409597	153.0E6	50.820	53.211
16)	A 4,4'-DDD	6.742	5.804	87331323	141.7E6	53.150	53.977
17)	MA 4,4'-DDT	7.057	6.055	83562838	129.7E6	46.922	48.873
18)	B Endrin al...	6.958	6.129	74664022	114.8E6	49.084	50.916
19)	B Endosulfa...	7.193	6.351	95286033	146.7E6	50.184	52.608
20)	A Methoxychlor	7.530	6.629	46078304	71748757	44.768	45.838
21)	B Endrin ke...	7.678	6.857	108.1E6	174.6E6	51.681	54.091
22)	Mirex	8.154	7.040	79503499	126.3E6	48.202	50.127

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 23:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

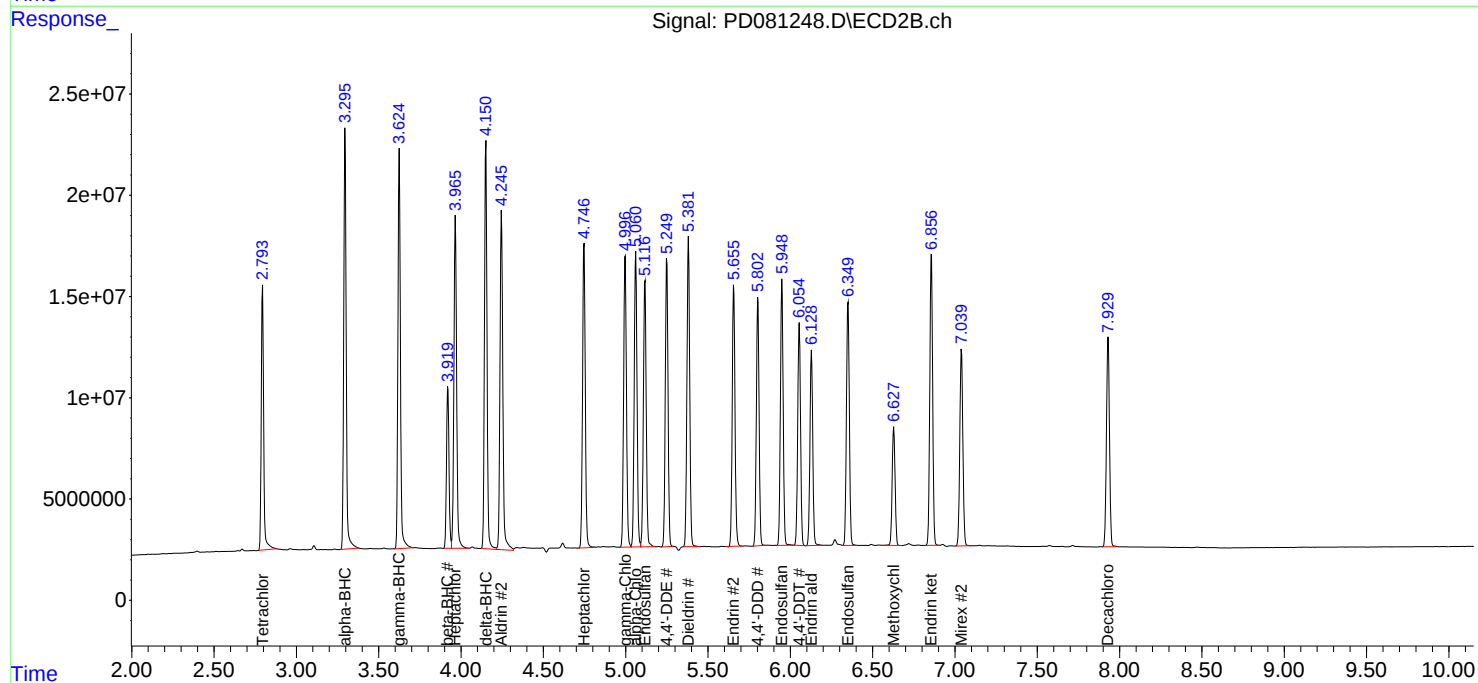
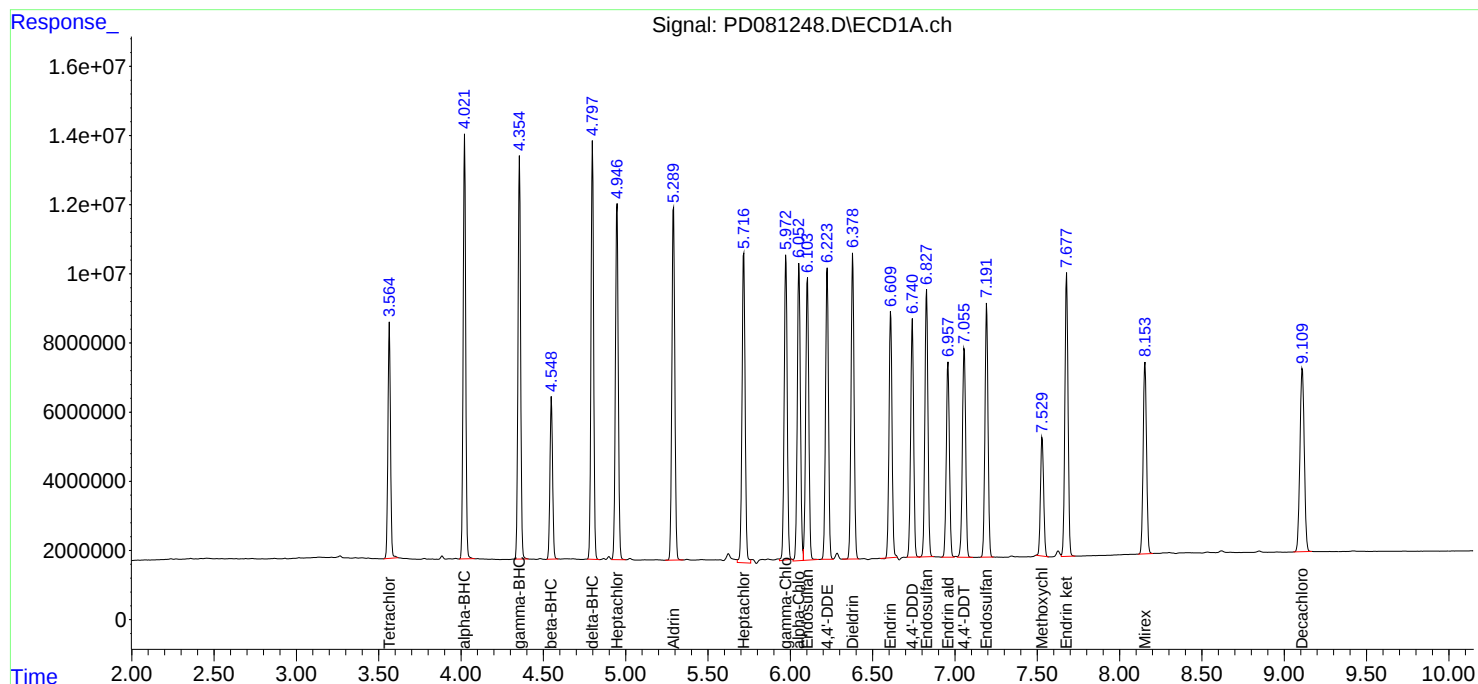
APPROVED

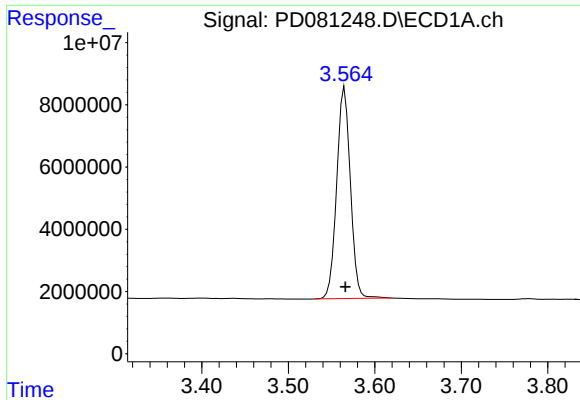
Reviewed By :Abdul Mirza 02/09/2024

Supervised By :Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 04:05:01 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





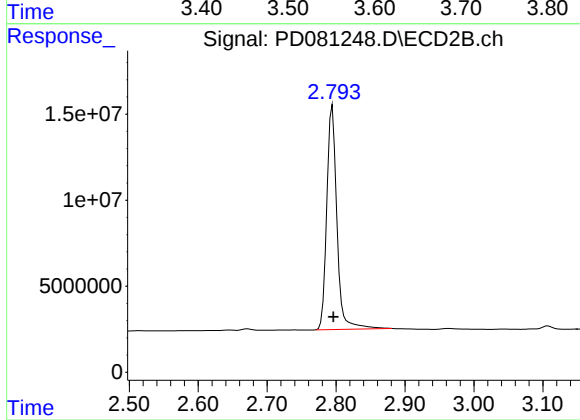
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 74420549
Conc: 52.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

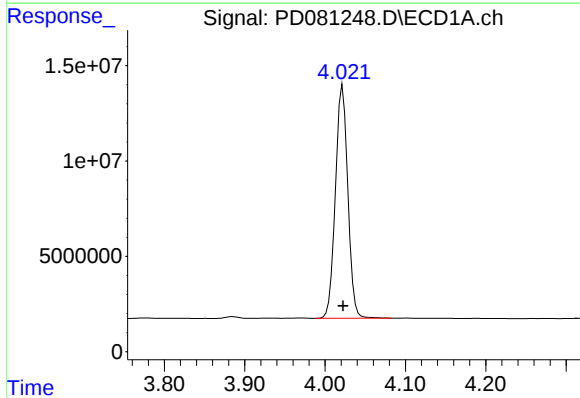
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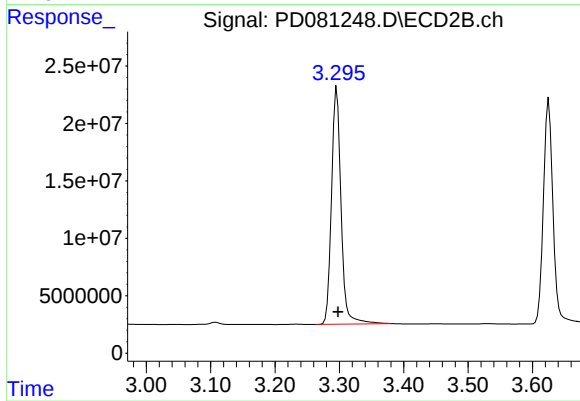
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 133564903
Conc: 55.83 ng/ml



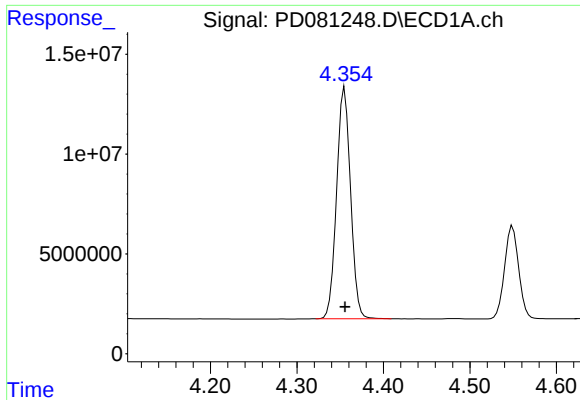
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 131226267
Conc: 52.83 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 212985263
Conc: 55.51 ng/ml



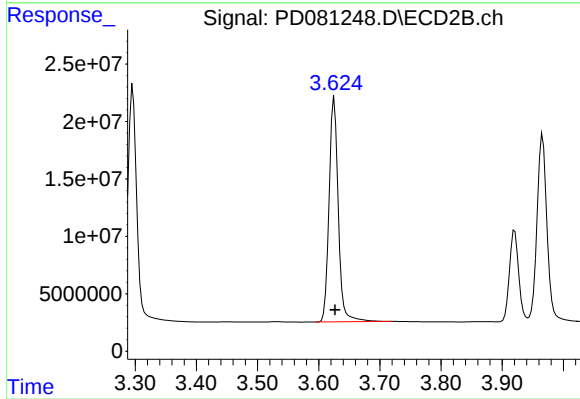
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 129095486
Conc: 52.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

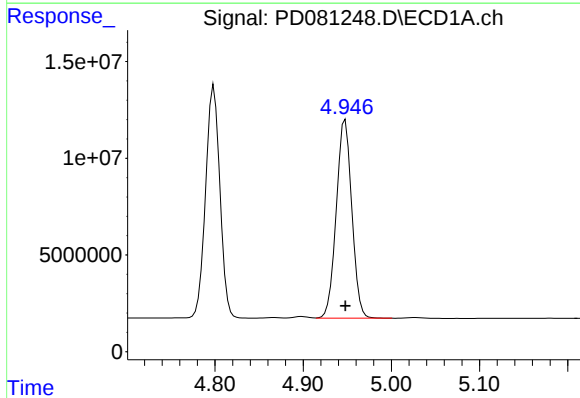
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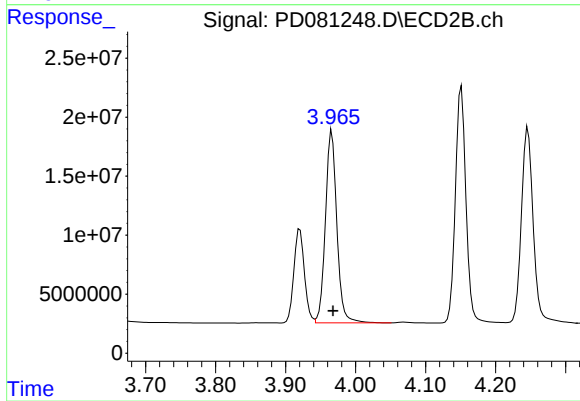
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 204382660
Conc: 54.66 ng/ml



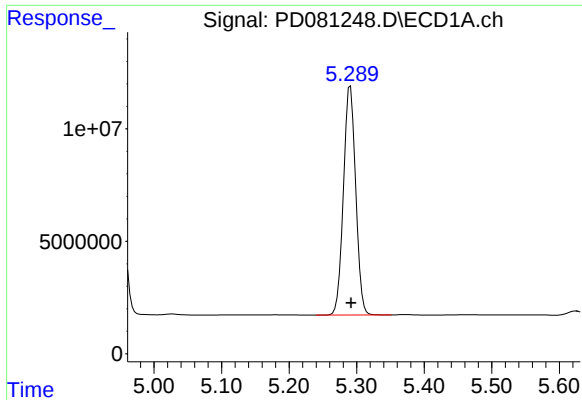
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 125602304
Conc: 50.93 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 185177060
Conc: 53.70 ng/ml



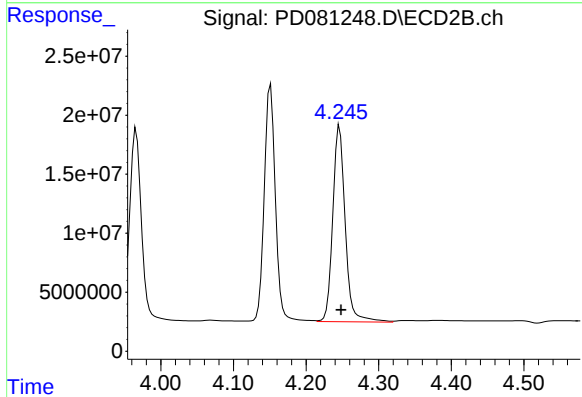
#5 Aldrin

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 127983267
Conc: 52.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

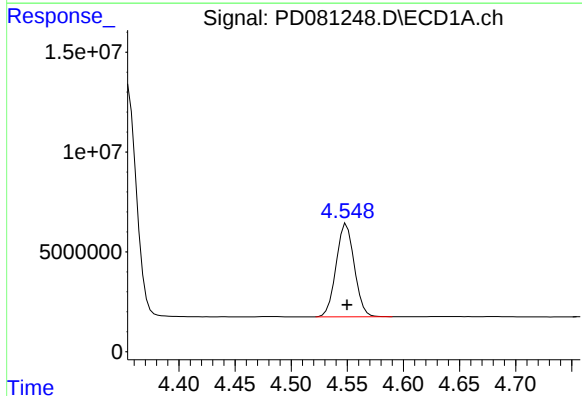
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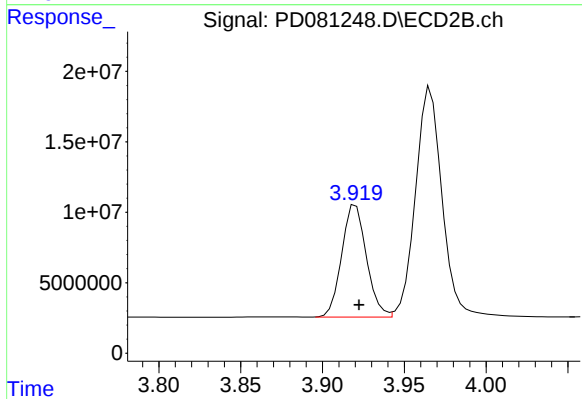
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 198340523
Conc: 54.46 ng/ml



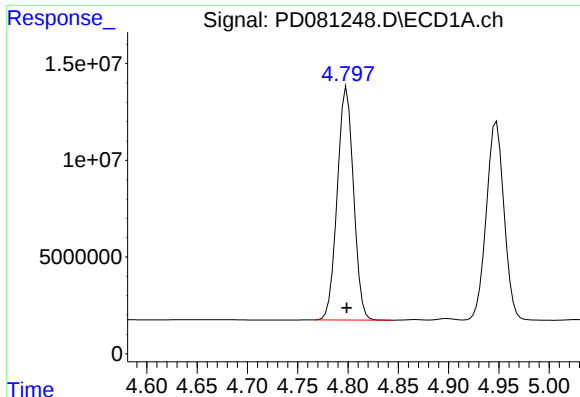
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 52644702
Conc: 52.03 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 83465218
Conc: 53.41 ng/ml



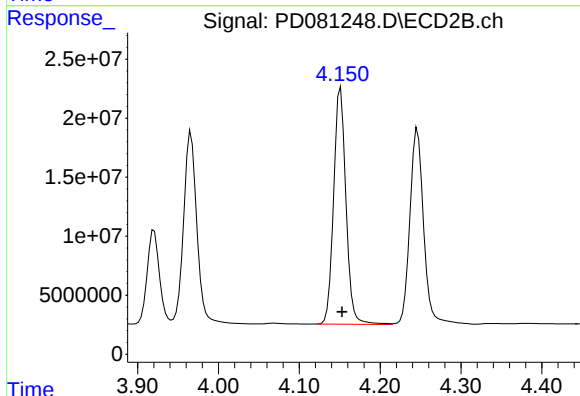
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 135035177
Conc: 53.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

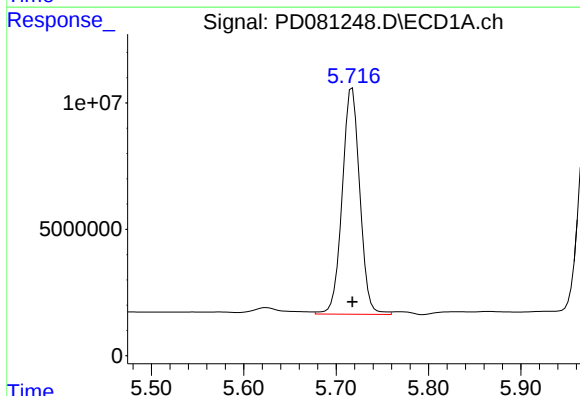
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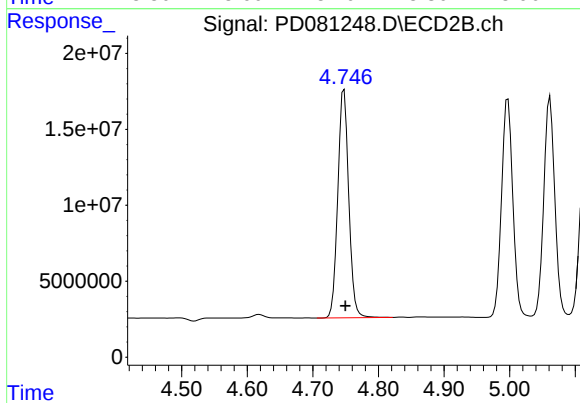
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 212678181
Conc: 56.67 ng/ml



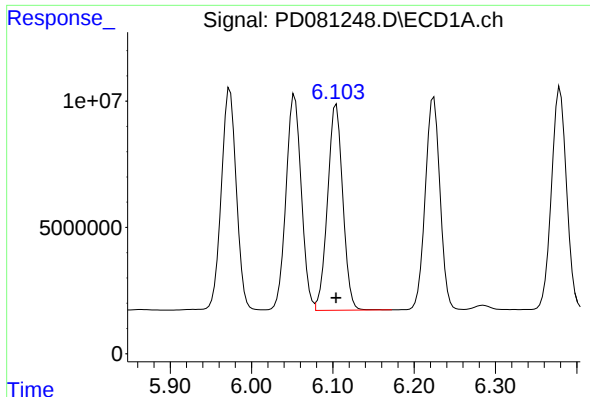
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 118481259
Conc: 52.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 174296040
Conc: 52.04 ng/ml



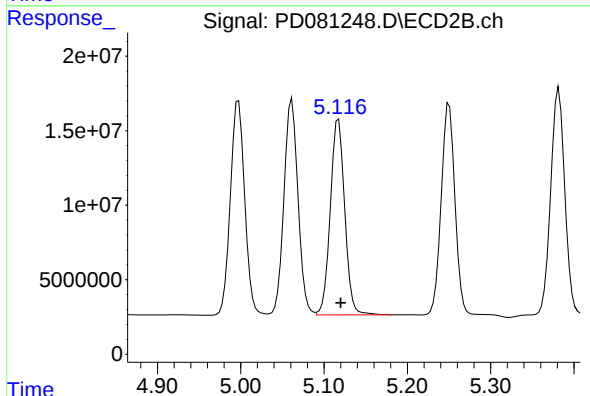
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 106766566
Conc: 51.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

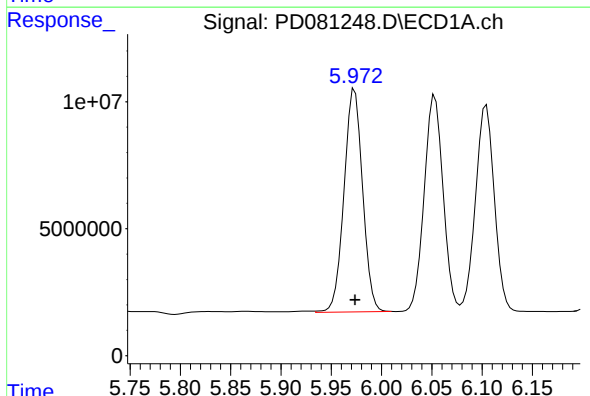
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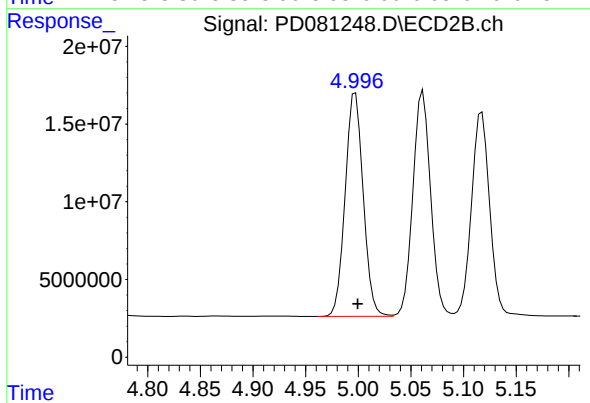
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 157993152
Conc: 51.59 ng/ml



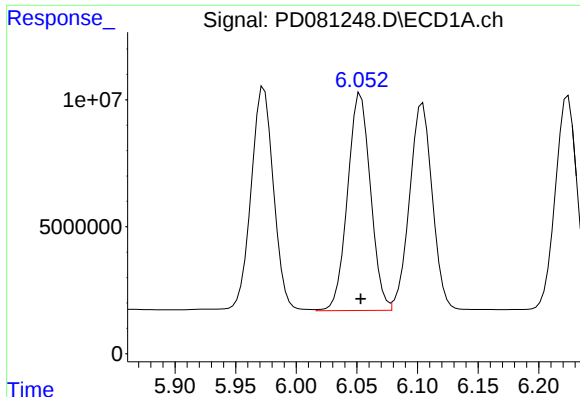
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 112544735
Conc: 51.41 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 172211568
Conc: 52.65 ng/ml



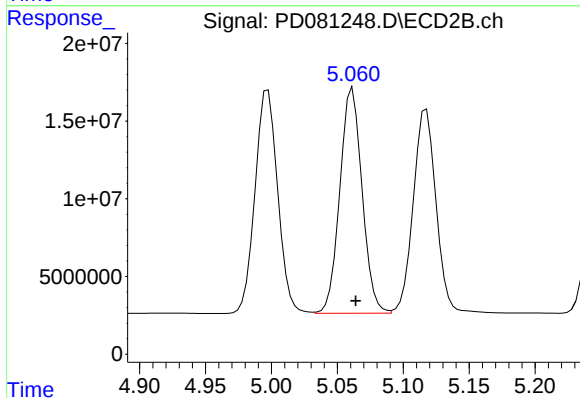
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 112575578
Conc: 51.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

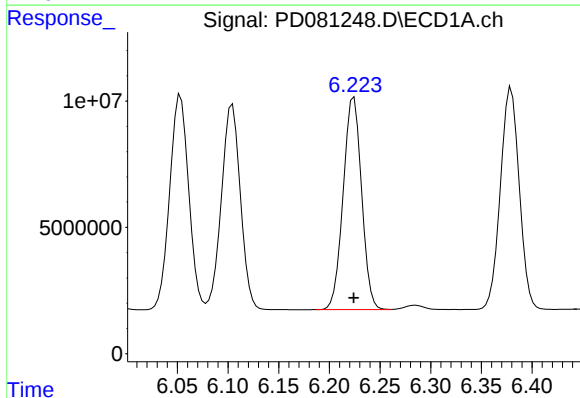
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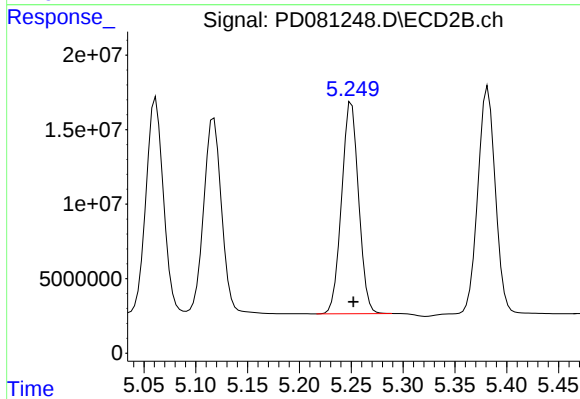
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 170035304
Conc: 52.01 ng/ml



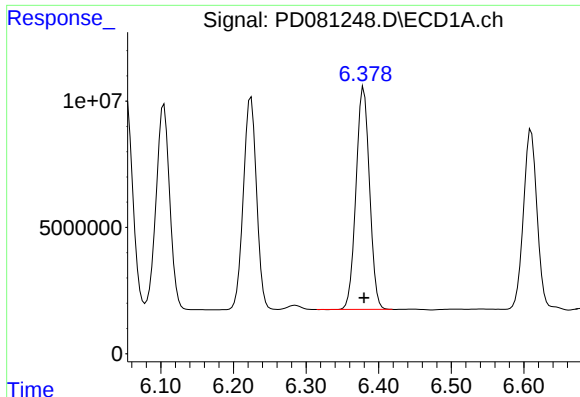
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 106022389
Conc: 52.10 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 162232715
Conc: 52.96 ng/ml m



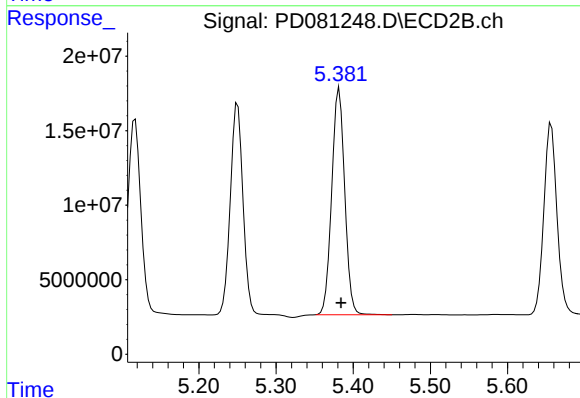
#13 Dieldrin

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 113836404
Conc: 51.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

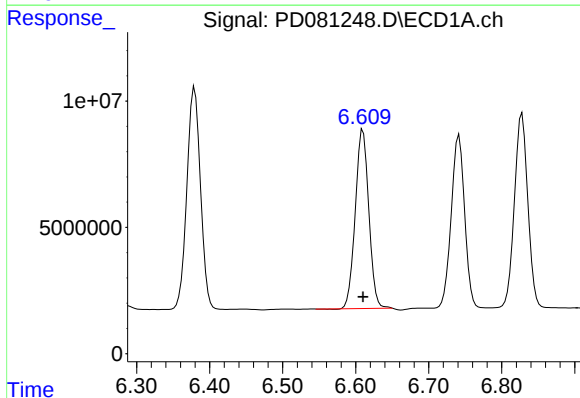
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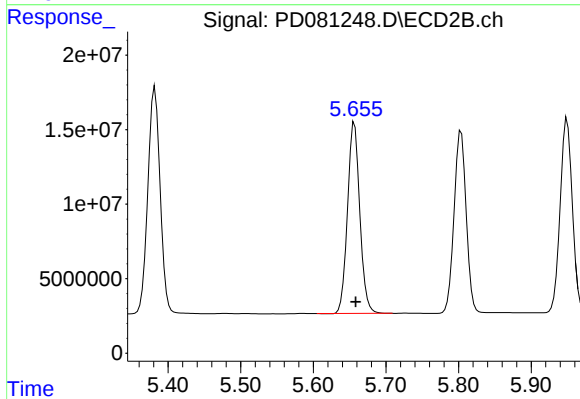
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 178787123
Conc: 52.57 ng/ml



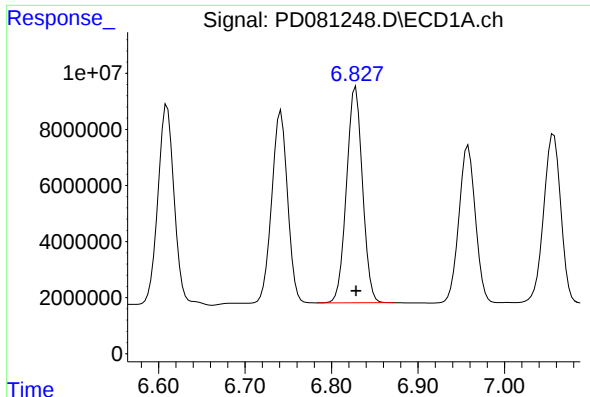
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 91079950
Conc: 48.76 ng/ml



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 151338657
Conc: 51.07 ng/ml



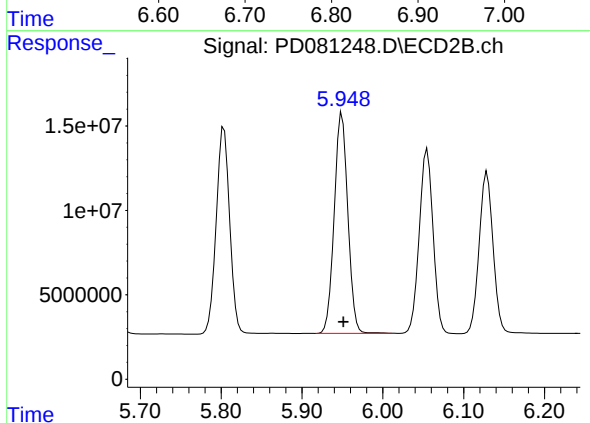
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 98409597
Conc: 50.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

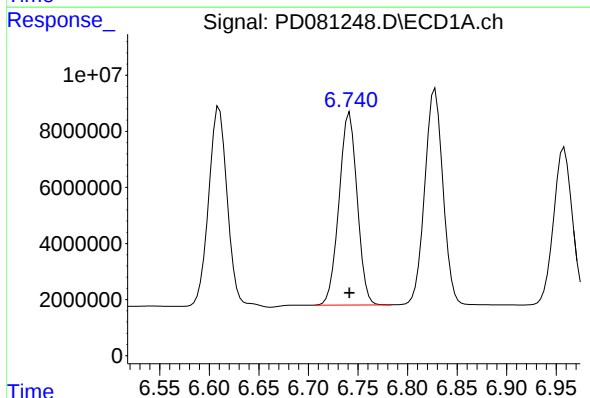
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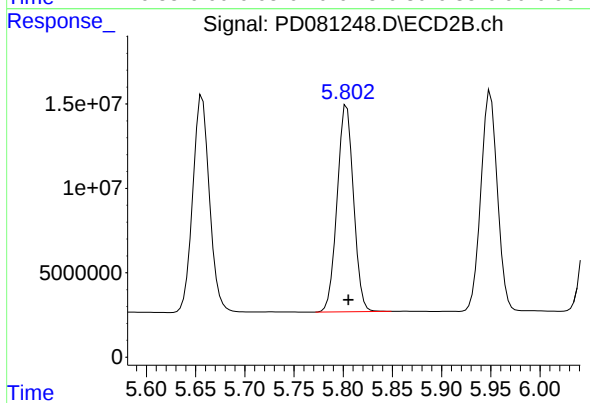
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 153029299
Conc: 53.21 ng/ml



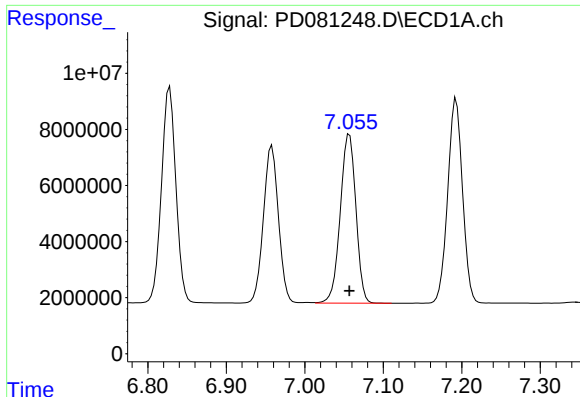
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 87331323
Conc: 53.15 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 141703395
Conc: 53.98 ng/ml



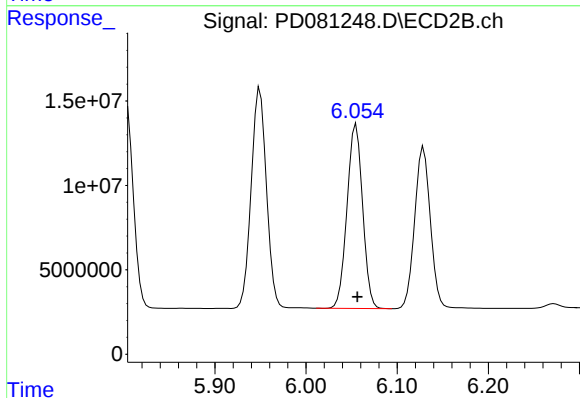
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 83562838
Conc: 46.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

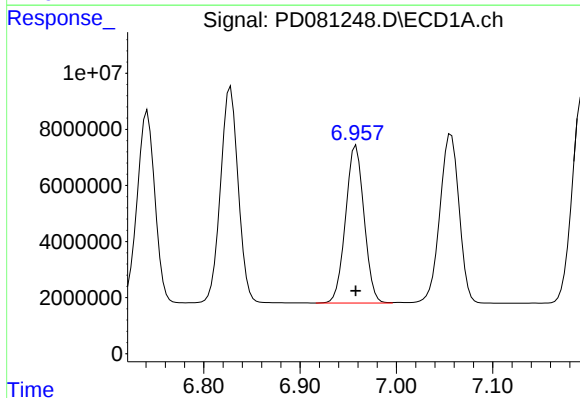
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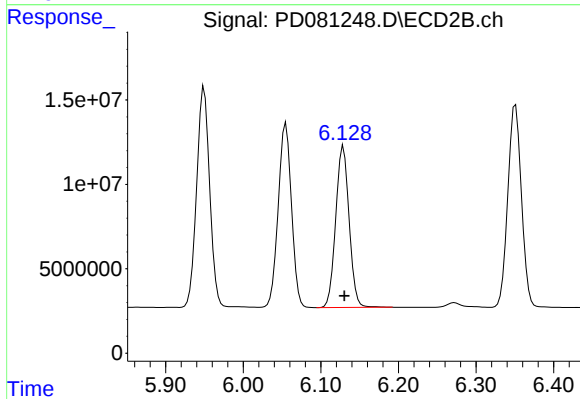
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 129663532
Conc: 48.87 ng/ml



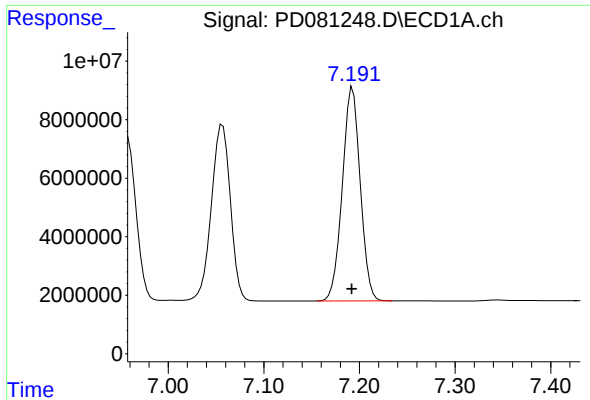
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 74664022
Conc: 49.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 114797404
Conc: 50.92 ng/ml



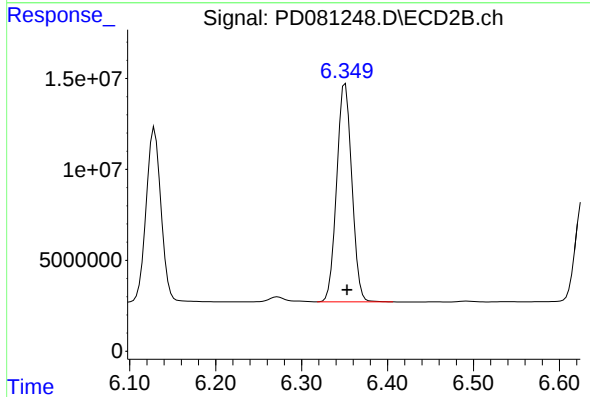
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 95286033
Conc: 50.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

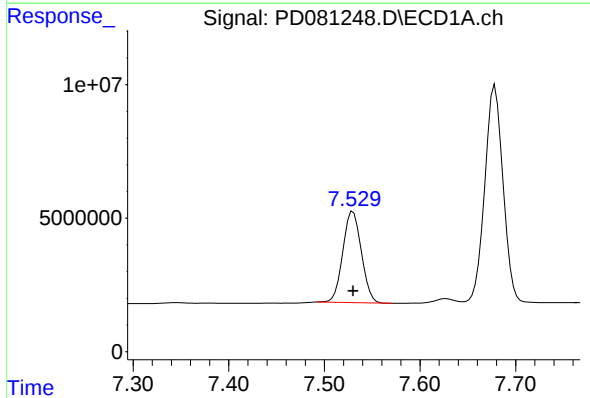
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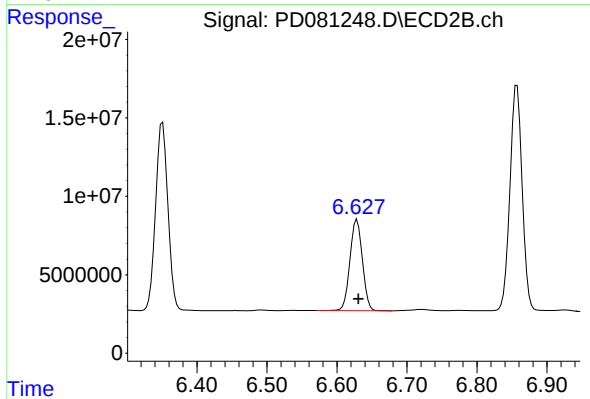
#19 Endosulfan Sulfate

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 146743811
Conc: 52.61 ng/ml



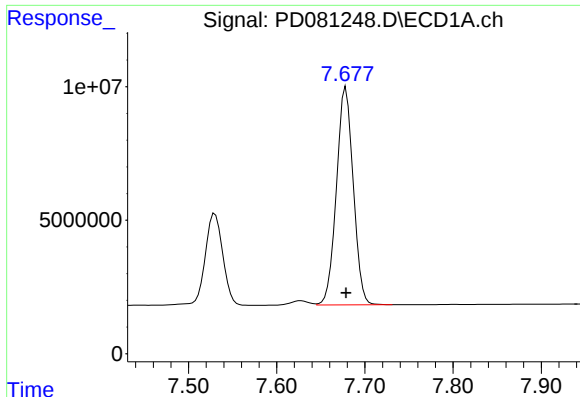
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 46078304
Conc: 44.77 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 71748757
Conc: 45.84 ng/ml



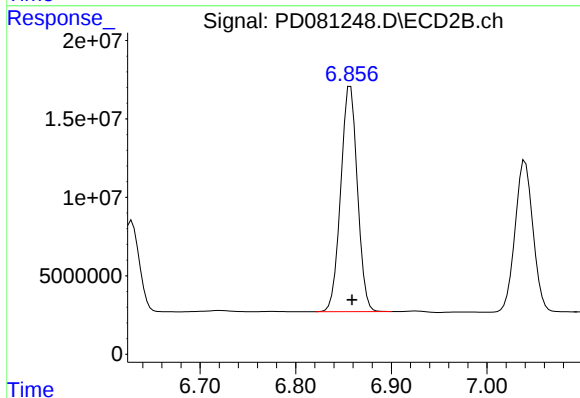
#21 Endrin ketone

R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 108077004
Conc: 51.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

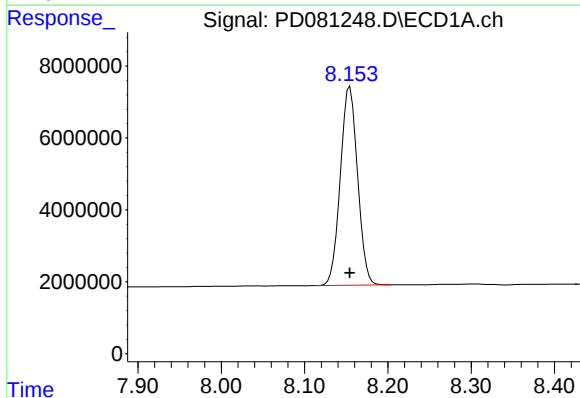
Manual Integrations
APPROVED

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



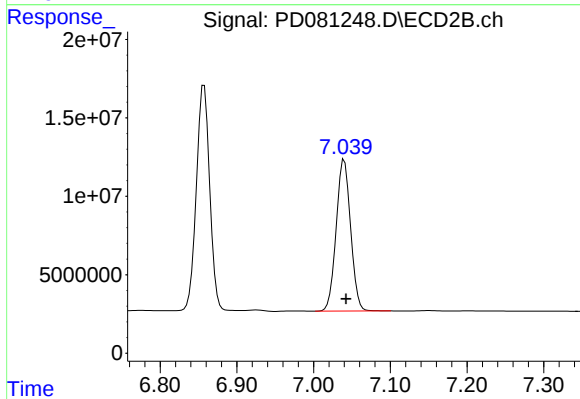
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 174552863
Conc: 54.09 ng/ml



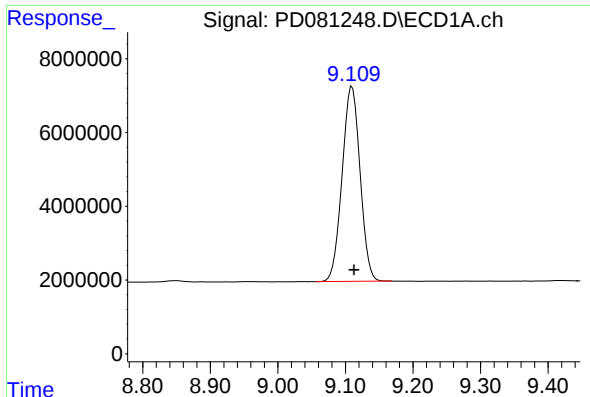
#22 Mirex

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 79503499
Conc: 48.20 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 126318186
Conc: 50.13 ng/ml



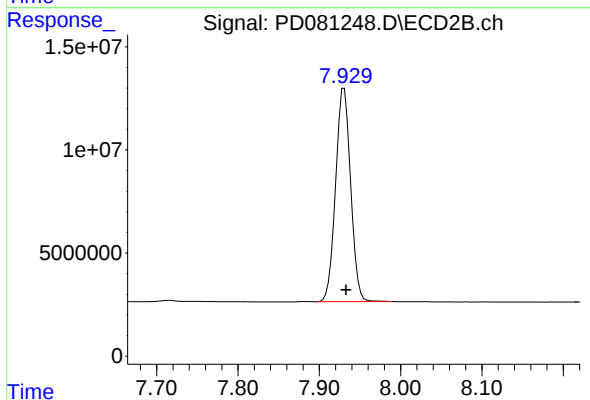
#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: -0.003 min
Response: 97483481
Conc: 48.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 132949389
Conc: 49.91 ng/ml