

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079570.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 20:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 03:56:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.569	2.803	73745802	118.0E6	45.675	50.947
28)	SA Decachlor...	9.116	7.947	88588228	123.4E6	44.161	50.618m
Target Compounds							
2)	A alpha-BHC	4.026	3.306	123.8E6	184.4E6	46.517	53.191
3)	MA gamma-BHC...	4.359	3.636	119.6E6	180.9E6	46.008	53.260
4)	MA Heptachlor	4.952	3.978	117.9E6	167.0E6	44.089	54.670
5)	MB Aldrin	5.295	4.259	118.7E6	173.5E6	46.077	53.040
6)	B beta-BHC	4.552	3.931	48812659	74556707	45.552	52.911
7)	B delta-BHC	4.800	4.162	123.1E6	184.4E6	45.966m	55.088
8)	B Heptachlo...	5.722	4.761	106.8E6	157.2E6	45.588	53.010
9)	A Endosulfan I	6.108	5.130	98993244	140.1E6	45.662	52.901m
10)	B gamma-Chl...	5.977	5.010	105.0E6	152.5E6	45.787	53.154m
11)	B alpha-Chl...	6.058	5.074	104.0E6	150.7E6	45.606	52.511m
12)	B 4,4'-DDE	6.228	5.264	97102363	144.2E6	45.953	54.152
13)	MA Dieldrin	6.384	5.396	106.5E6	159.1E6	45.728	53.571
14)	MA Endrin	6.615	5.671	87655610	136.1E6	45.007	53.176
15)	B Endosulfa...	6.832	5.963	91738350	133.8E6	44.978	53.588
16)	A 4,4'-DDD	6.746	5.818	79951030	122.7E6	45.480	53.708
17)	MA 4,4'-DDT	7.060	6.069	82895570	121.9E6	43.775	53.241
18)	B Endrin al...	6.961	6.143	70850071	102.5E6	45.878m	55.145
19)	B Endosulfa...	7.196	6.365	89164489	125.5E6	44.848	53.748
20)	A Methoxychlor	7.535	6.645	47183850	69005348	43.060	50.828
21)	B Endrin ke...	7.683	6.871	99081677	149.8E6	45.447	53.569
22)	Mirex	8.159	7.057	74207349	110.6E6	43.841	51.772

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2023 20:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

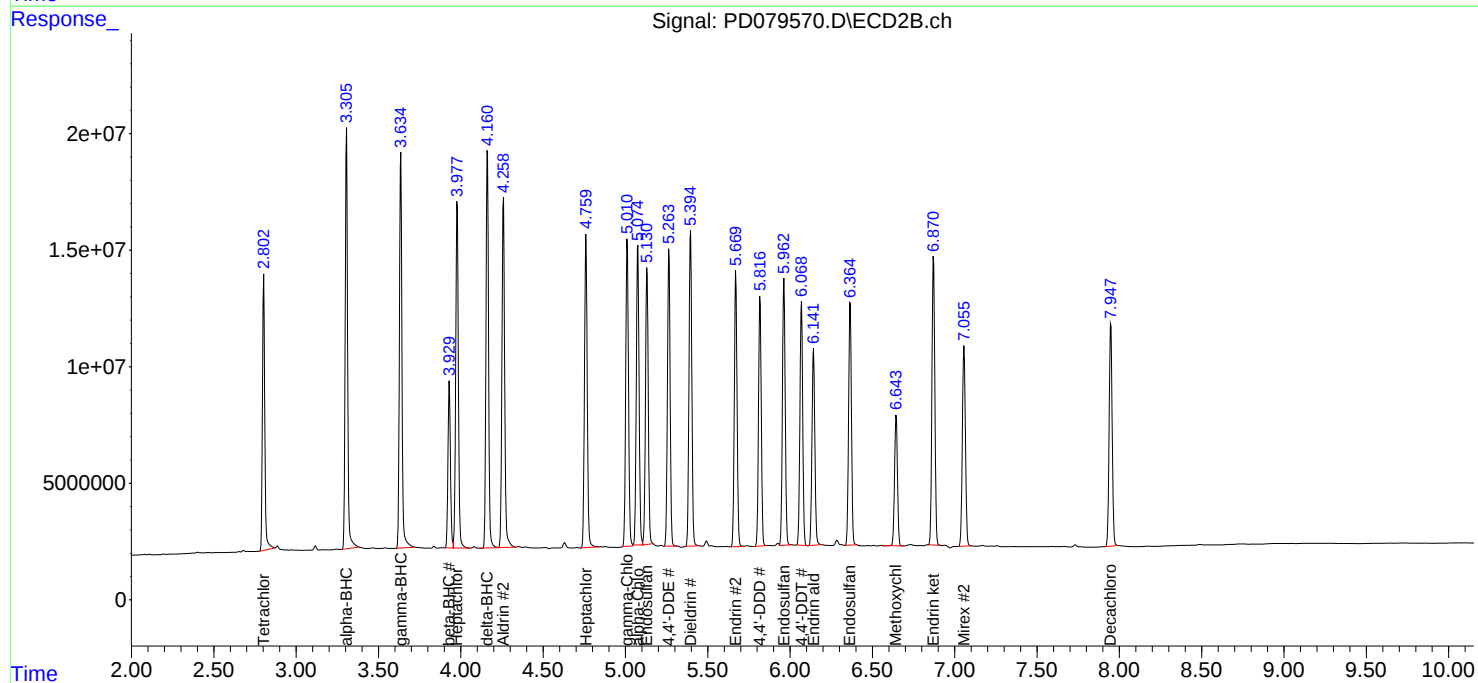
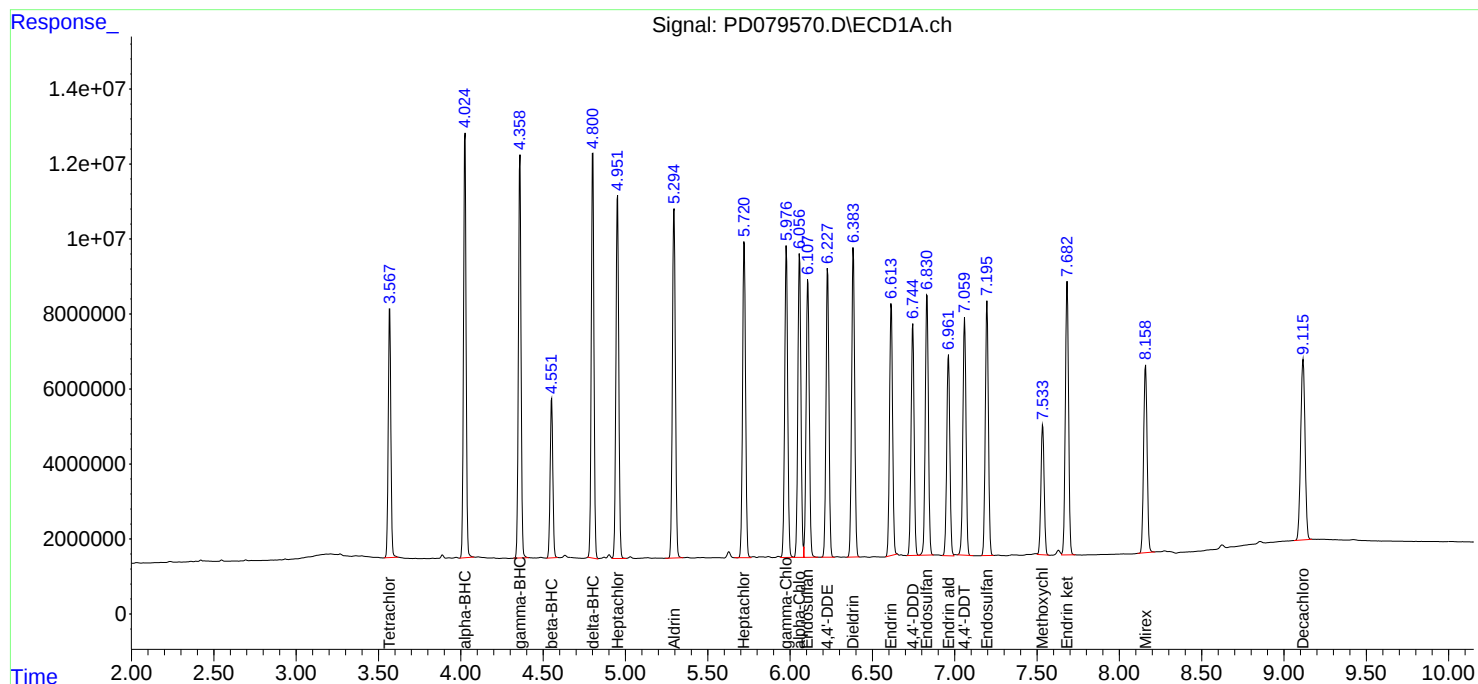
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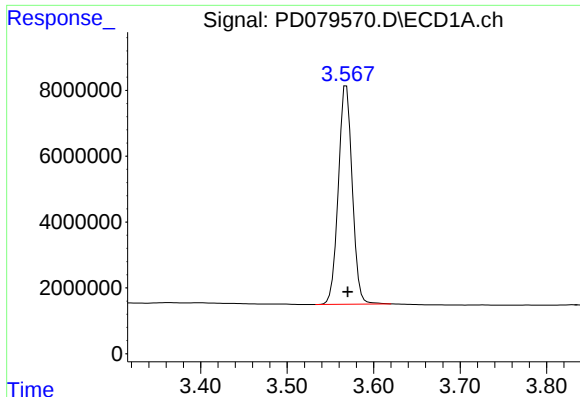
Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 03:56:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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





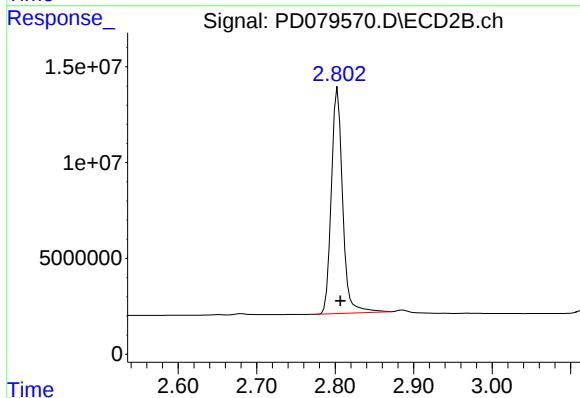
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 73745802
Conc: 45.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

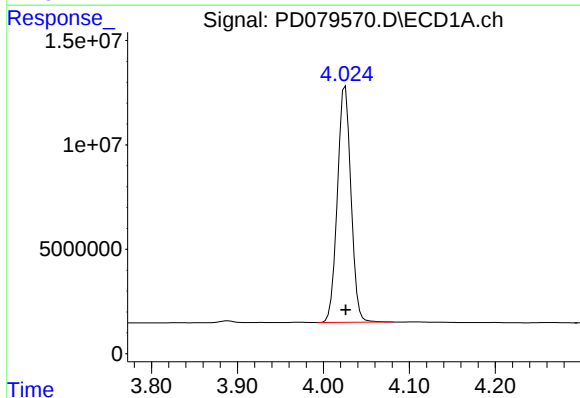
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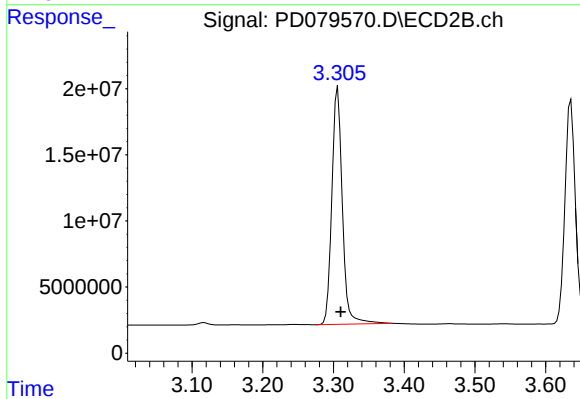
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.003 min
Response: 117956459
Conc: 50.95 ng/ml



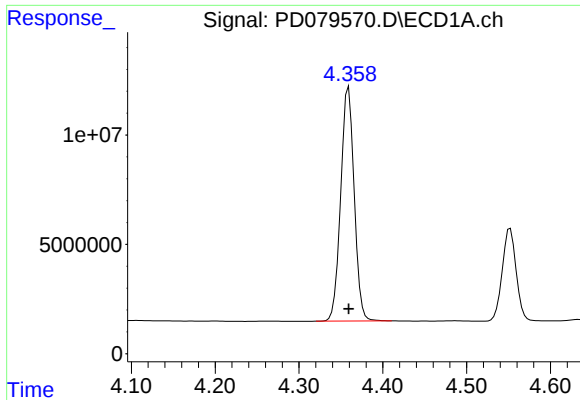
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 123832199
Conc: 46.52 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 184437045
Conc: 53.19 ng/ml



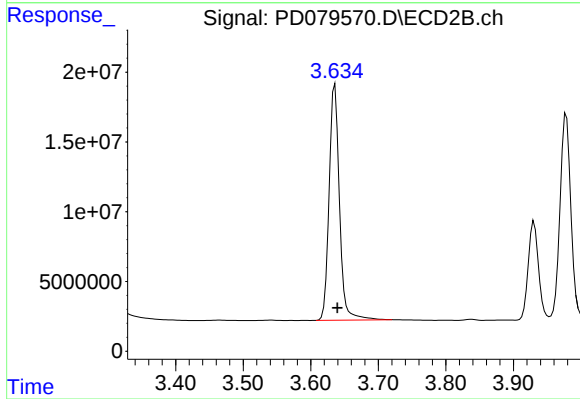
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 119566557
Conc: 46.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

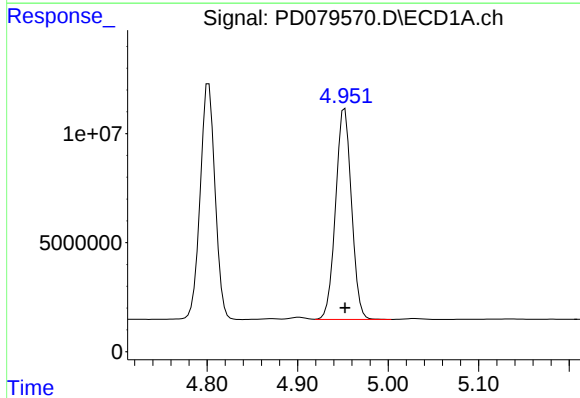
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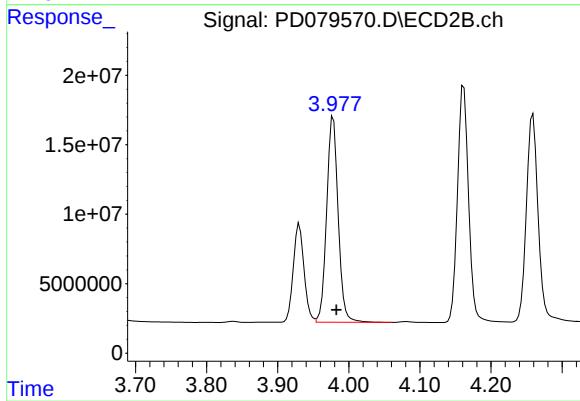
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 180859490
Conc: 53.26 ng/ml



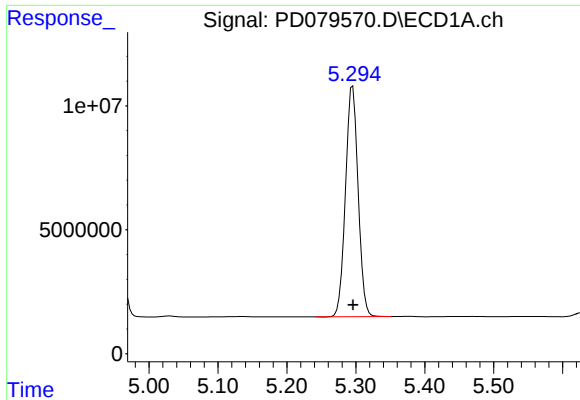
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 117935586
Conc: 44.09 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 166969445
Conc: 54.67 ng/ml



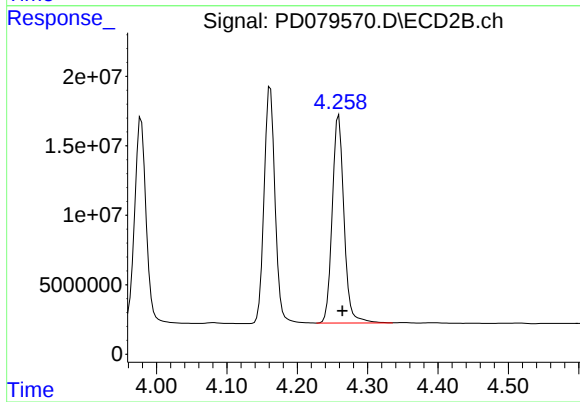
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 118731512
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

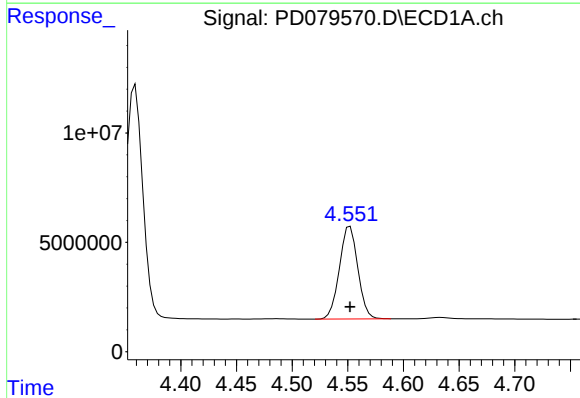
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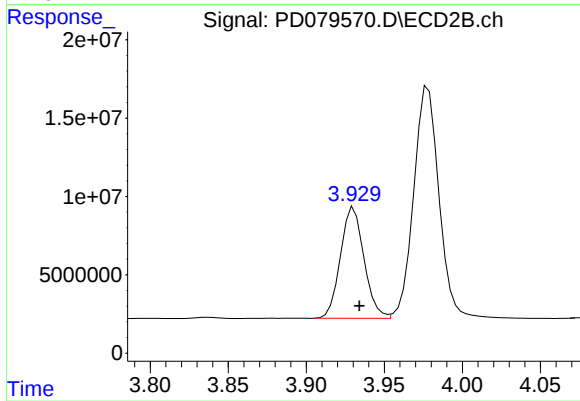
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 173512316
Conc: 53.04 ng/ml



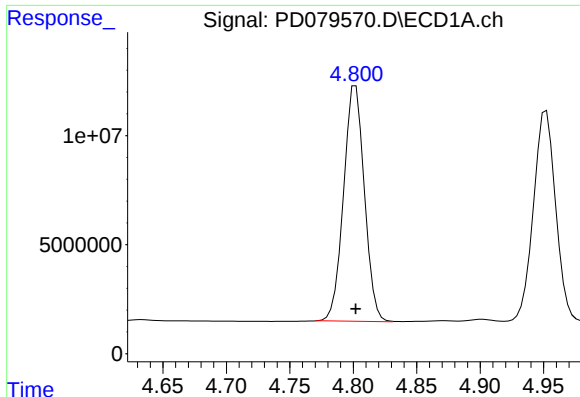
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 48812659
Conc: 45.55 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 74556707
Conc: 52.91 ng/ml



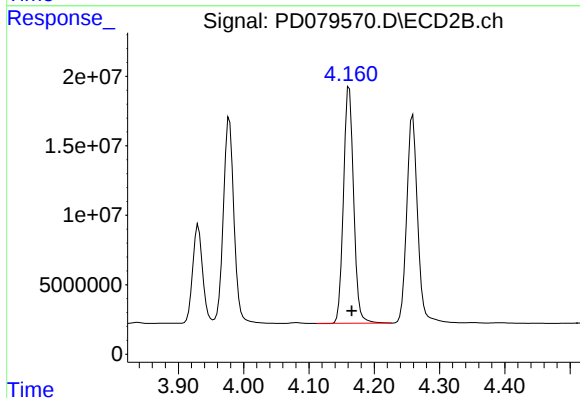
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 123053128
Conc: 45.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

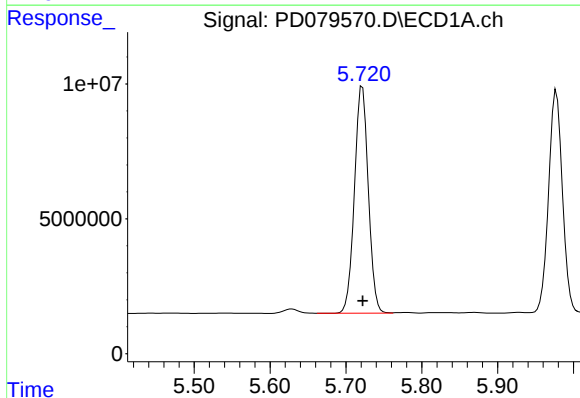
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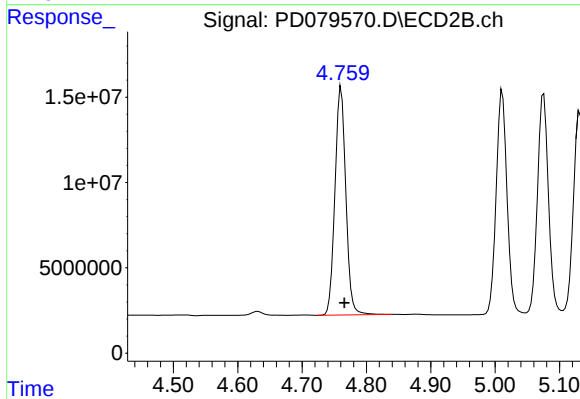
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 184447432
Conc: 55.09 ng/ml



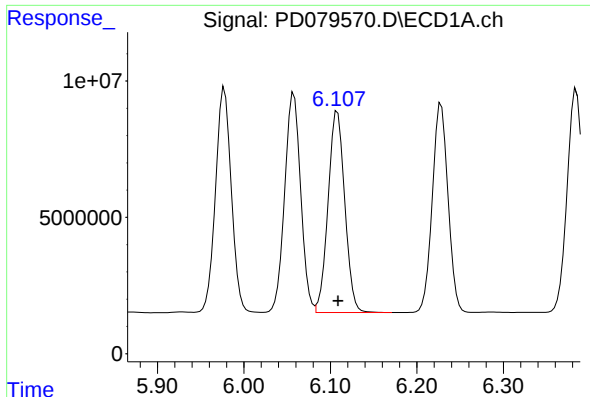
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 106844794
Conc: 45.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 157158070
Conc: 53.01 ng/ml



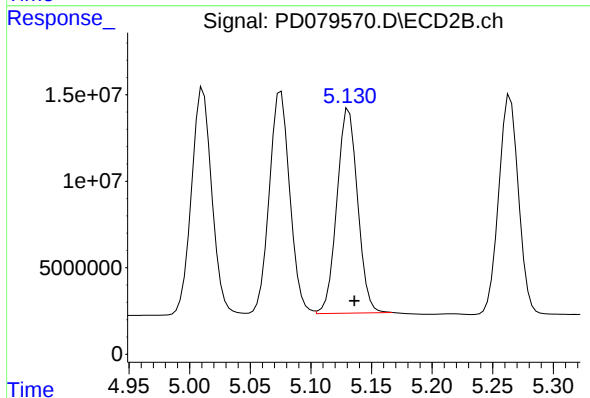
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 98993244
Conc: 45.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

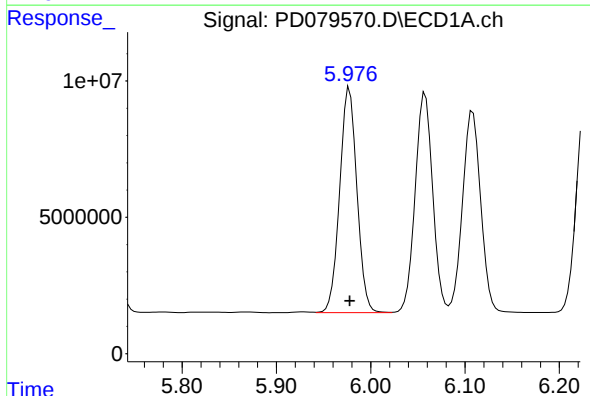
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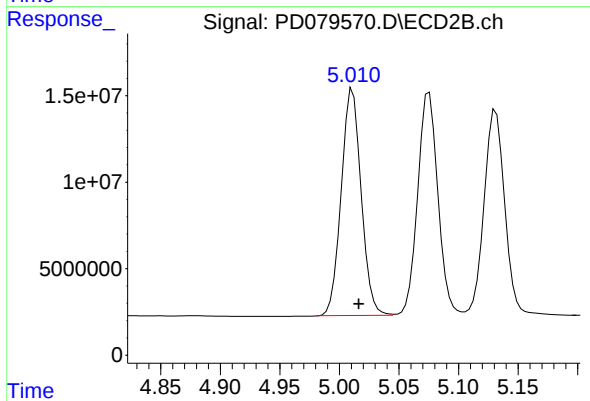
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 140066258
Conc: 52.90 ng/ml m



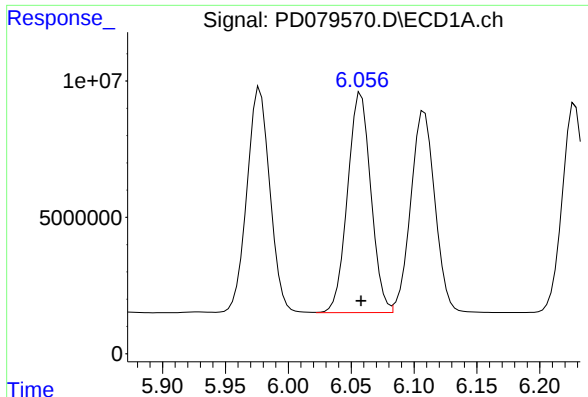
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 104976781
Conc: 45.79 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.007 min
Response: 152521674
Conc: 53.15 ng/ml m



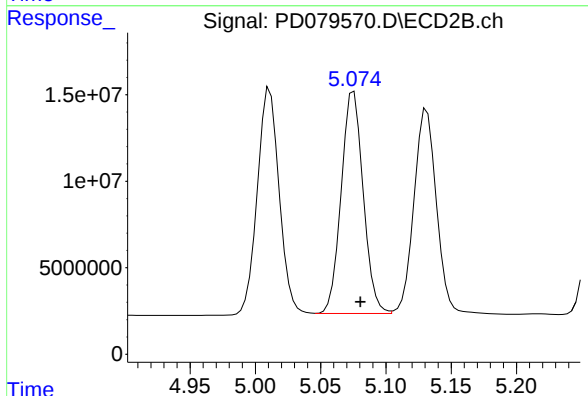
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 103991024
Conc: 45.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

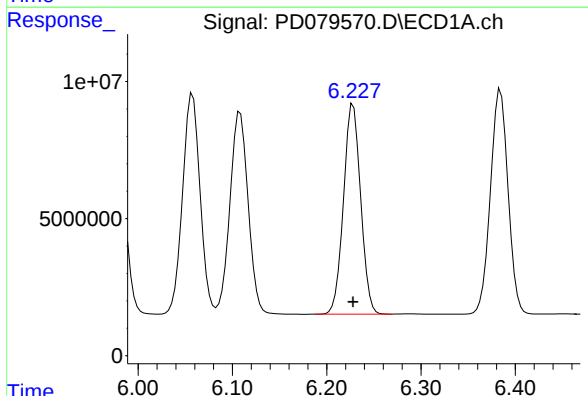
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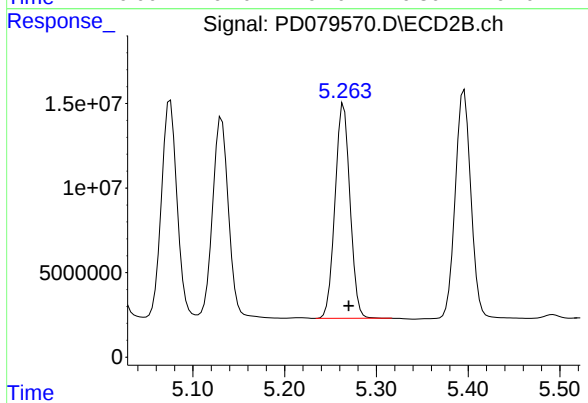
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 150698635
Conc: 52.51 ng/ml m



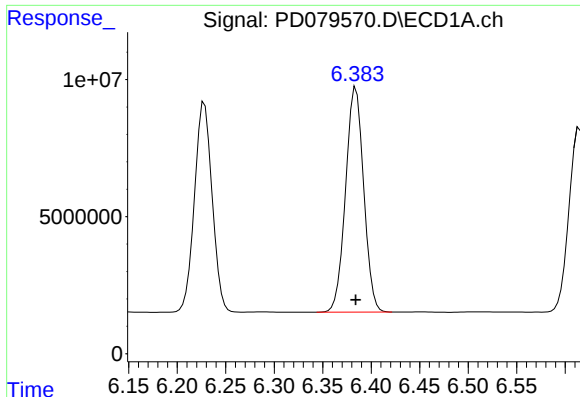
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 97102363
Conc: 45.95 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.005 min
Response: 144173104
Conc: 54.15 ng/ml



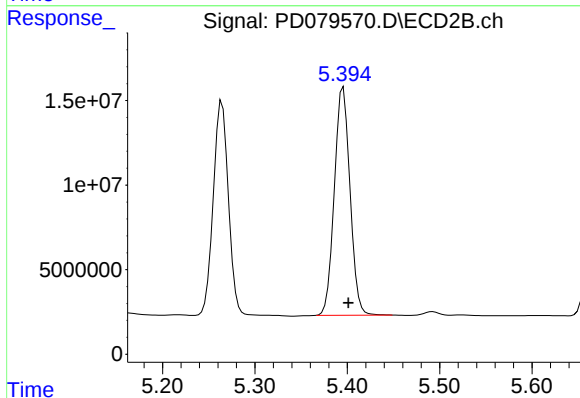
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 106493314
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

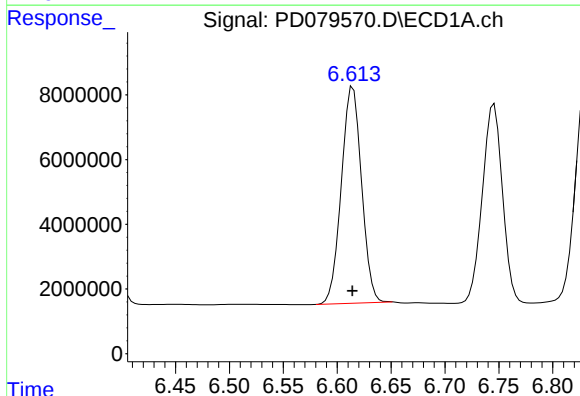
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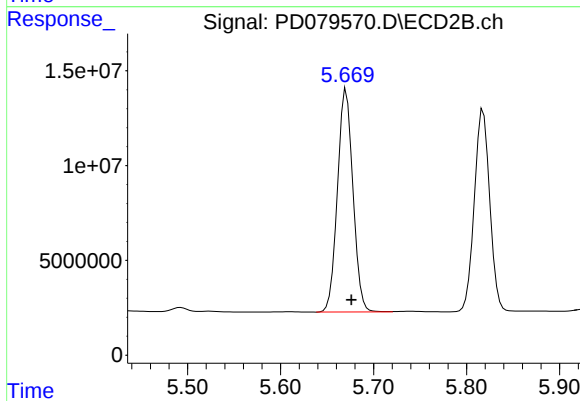
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 159099388
Conc: 53.57 ng/ml



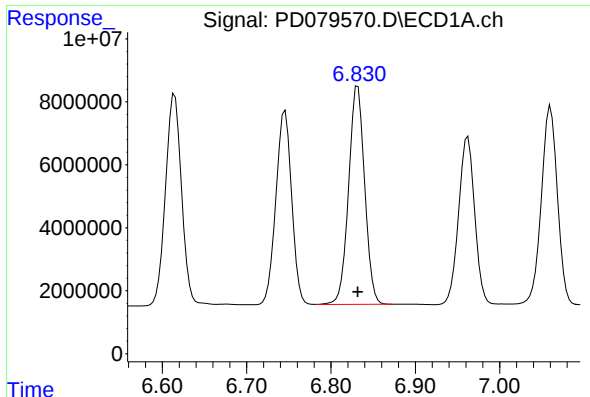
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 87655610
Conc: 45.01 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.006 min
Response: 136083905
Conc: 53.18 ng/ml



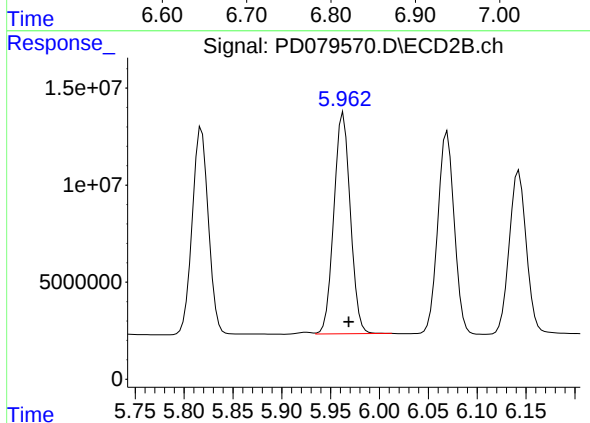
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 91738350
Conc: 44.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

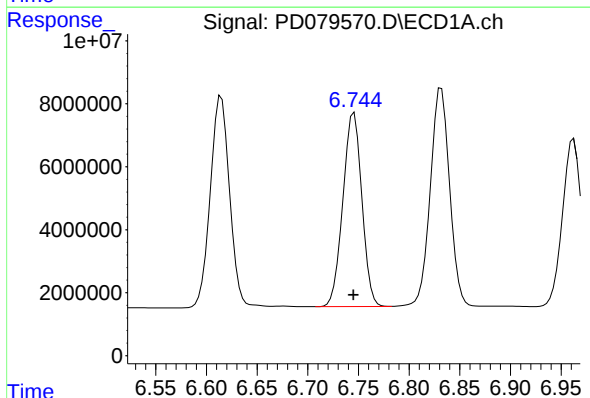
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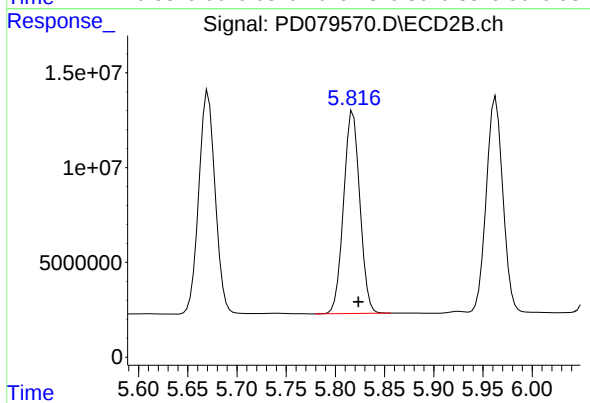
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 133783317
Conc: 53.59 ng/ml



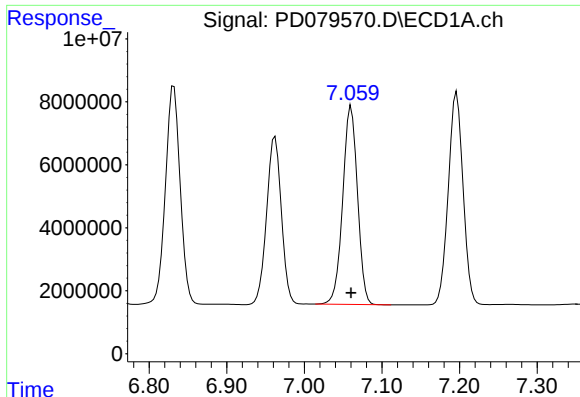
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 79951030
Conc: 45.48 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 122682273
Conc: 53.71 ng/ml



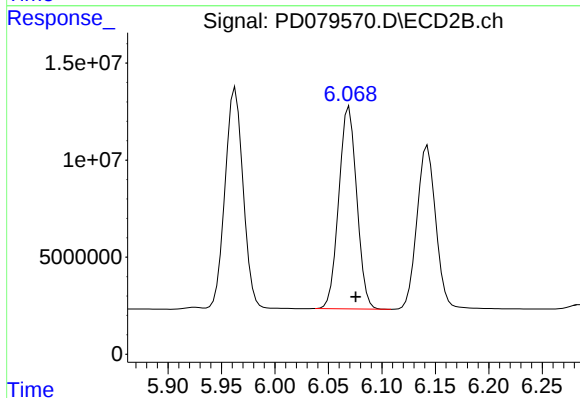
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 82895570
Conc: 43.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

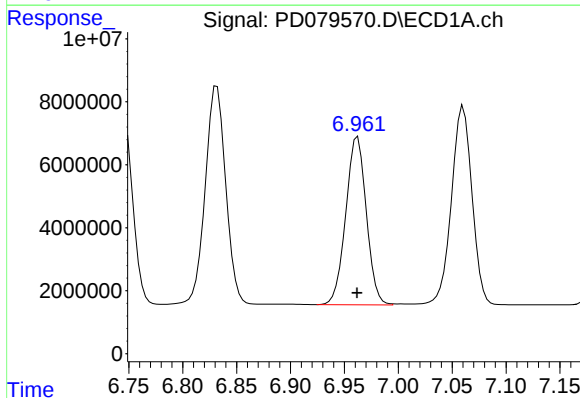
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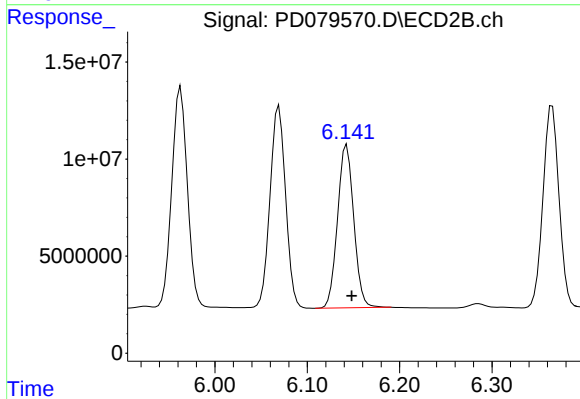
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 121889343
Conc: 53.24 ng/ml



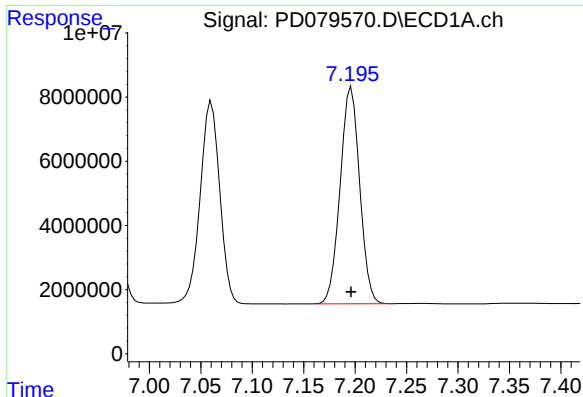
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 70850071
Conc: 45.88 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 102531697
Conc: 55.15 ng/ml



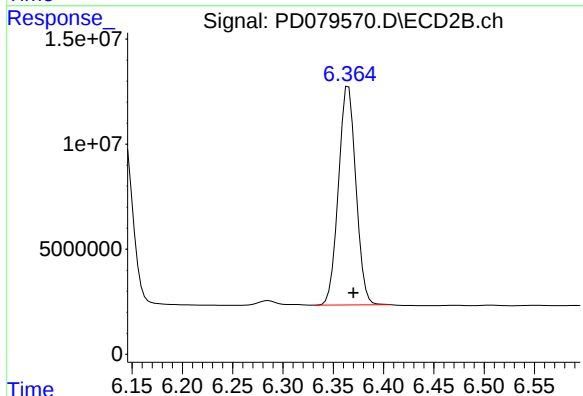
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 89164489
Conc: 44.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

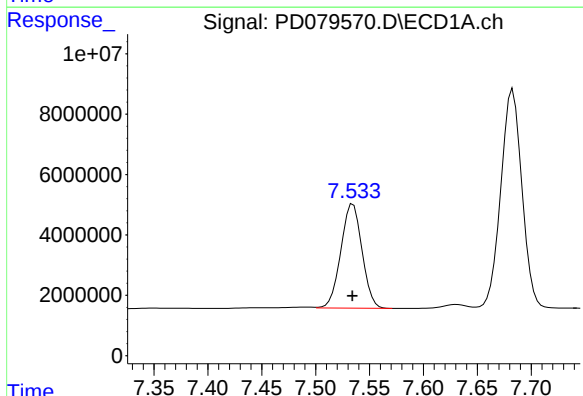
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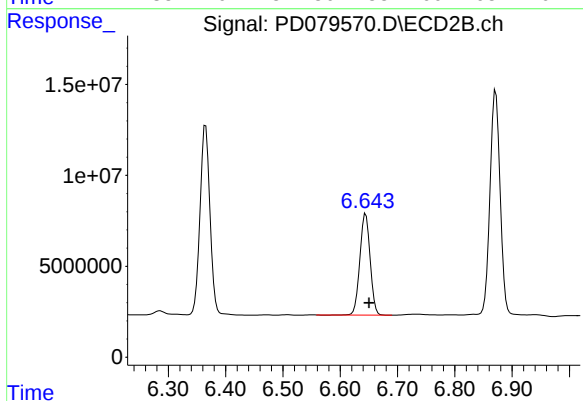
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 125493493
Conc: 53.75 ng/ml



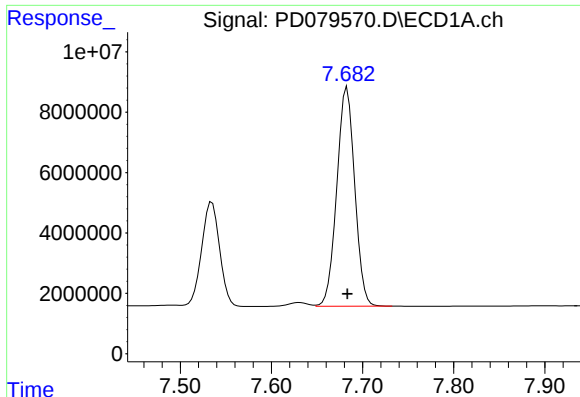
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 47183850
Conc: 43.06 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.006 min
Response: 69005348
Conc: 50.83 ng/ml



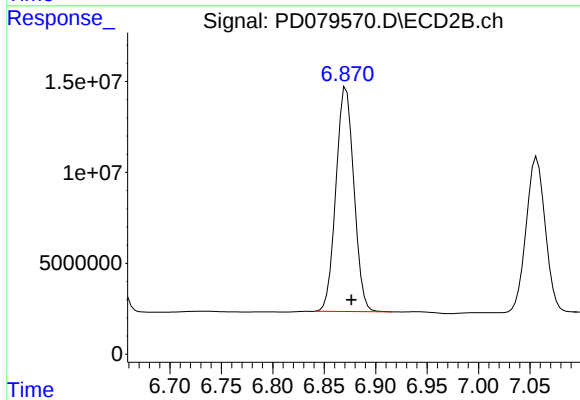
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 99081677
Conc: 45.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

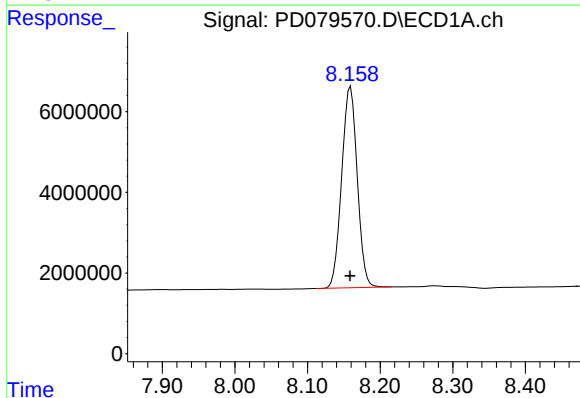
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



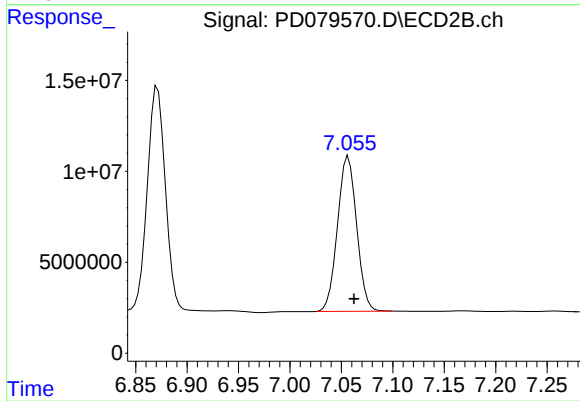
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 149765553
Conc: 53.57 ng/ml



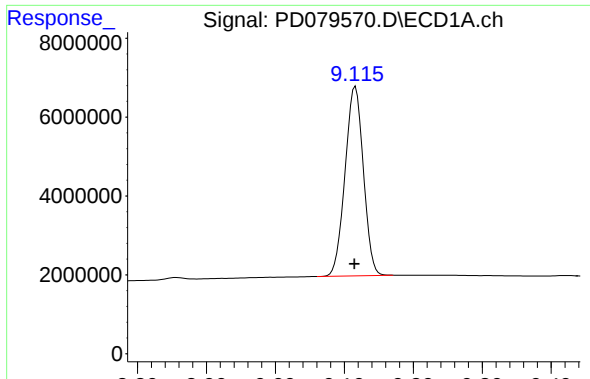
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 74207349
Conc: 43.84 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 110603020
Conc: 51.77 ng/ml



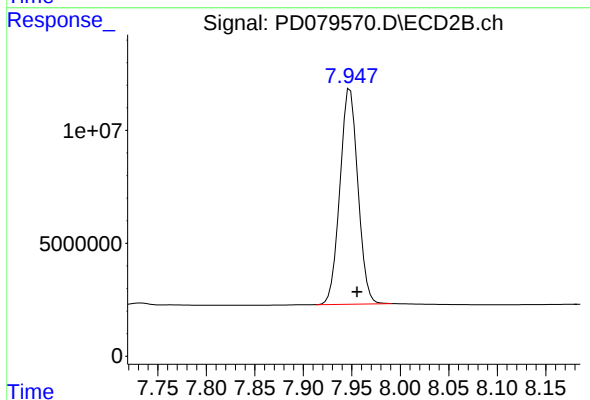
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 88588228
Conc: 44.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 11/09/2023



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: -0.009 min
Response: 123380553
Conc: 50.62 ng/ml m