

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 09:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:48:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.567	2.771	47127210	287.3E6	46.090	49.976
28)	SA Decachlor...	9.119	7.895	96923562	300.5E6	42.457	46.793
Target Compounds							
2)	A alpha-BHC	4.024	3.270	91256519	445.3E6	46.457	50.228
3)	MA gamma-BHC...	4.358	3.598	90159755	420.0E6	46.653	52.523
4)	MA Heptachlor	4.950	3.936	94479696	409.6E6	47.496	50.423
5)	MB Aldrin	5.293	4.215	96798169	408.9E6	47.565	50.932
6)	B beta-BHC	4.556	3.896	37585049	181.3E6	47.383	51.520
7)	B delta-BHC	4.803	4.124	93392148	429.6E6	51.368m	51.632
8)	B Heptachlo...	5.720	4.716	89812553	368.3E6	50.379	51.246
9)	A Endosulfan I	6.108	5.085	90897708	353.9E6	47.010	51.321
10)	B gamma-Chl...	5.978	4.965	95372265	387.1E6	47.698	51.063
11)	B alpha-Chl...	6.057	5.029	94215632	378.3E6	47.248	50.652
12)	B 4,4'-DDE	6.229	5.217	92380306	363.5E6	46.340	51.015
13)	MA Dieldrin	6.384	5.349	96388560	379.9E6	46.727	50.601
14)	MA Endrin	6.613	5.624	79343879	309.3E6	44.453m	46.772
15)	B Endosulfa...	6.834	5.918	86864133	324.9E6	45.490	50.845
16)	A 4,4'-DDD	6.748	5.771	71342844	291.8E6	47.093	52.684
17)	MA 4,4'-DDT	7.063	6.022	73396303	275.6E6	42.734	48.053
18)	B Endrin al...	6.965	6.098	66902120	248.0E6	45.546	49.411
19)	B Endosulfa...	7.200	6.320	81649246	302.3E6	44.948	49.401
20)	A Methoxychlor	7.538	6.596	40704547	135.1E6	41.311	45.816
21)	B Endrin ke...	7.686	6.826	95272285	346.1E6	46.131	51.124
22)	Mirex	8.161	7.005	71363665	261.6E6	43.818	48.269

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 09:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

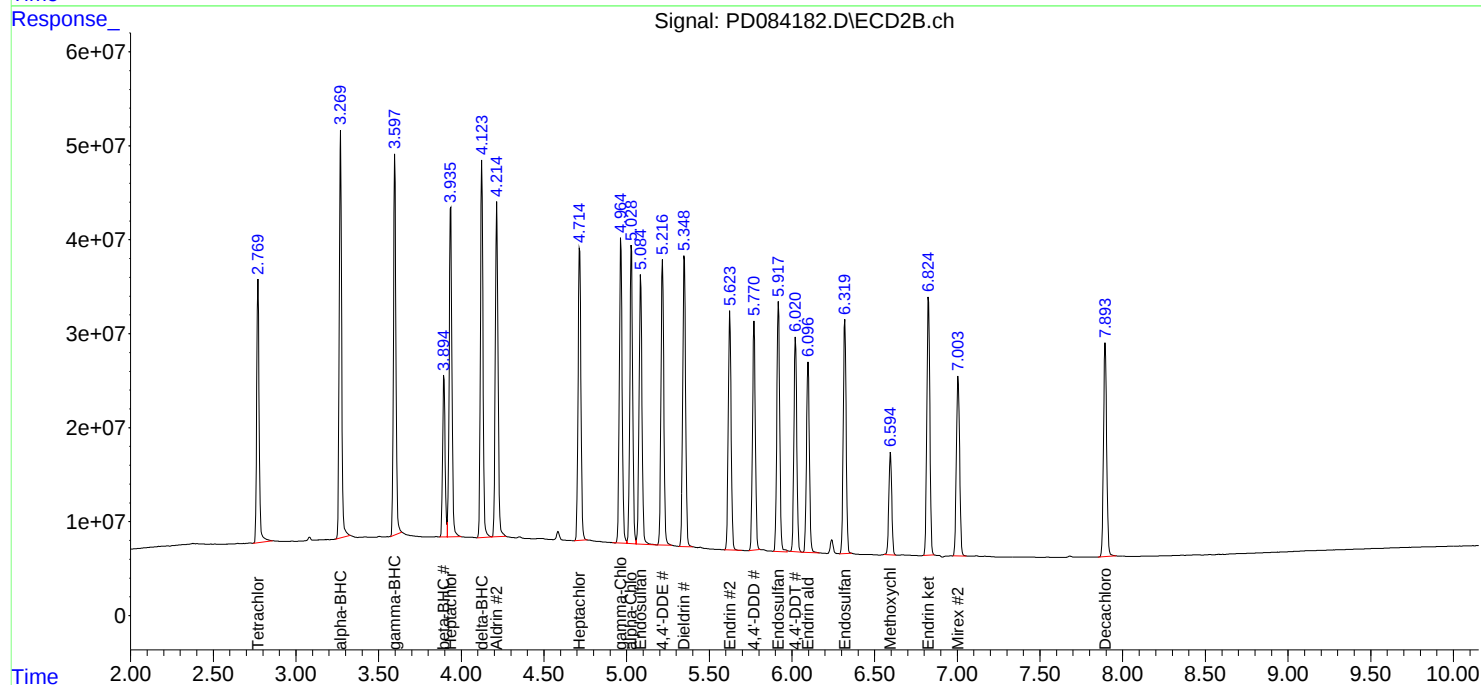
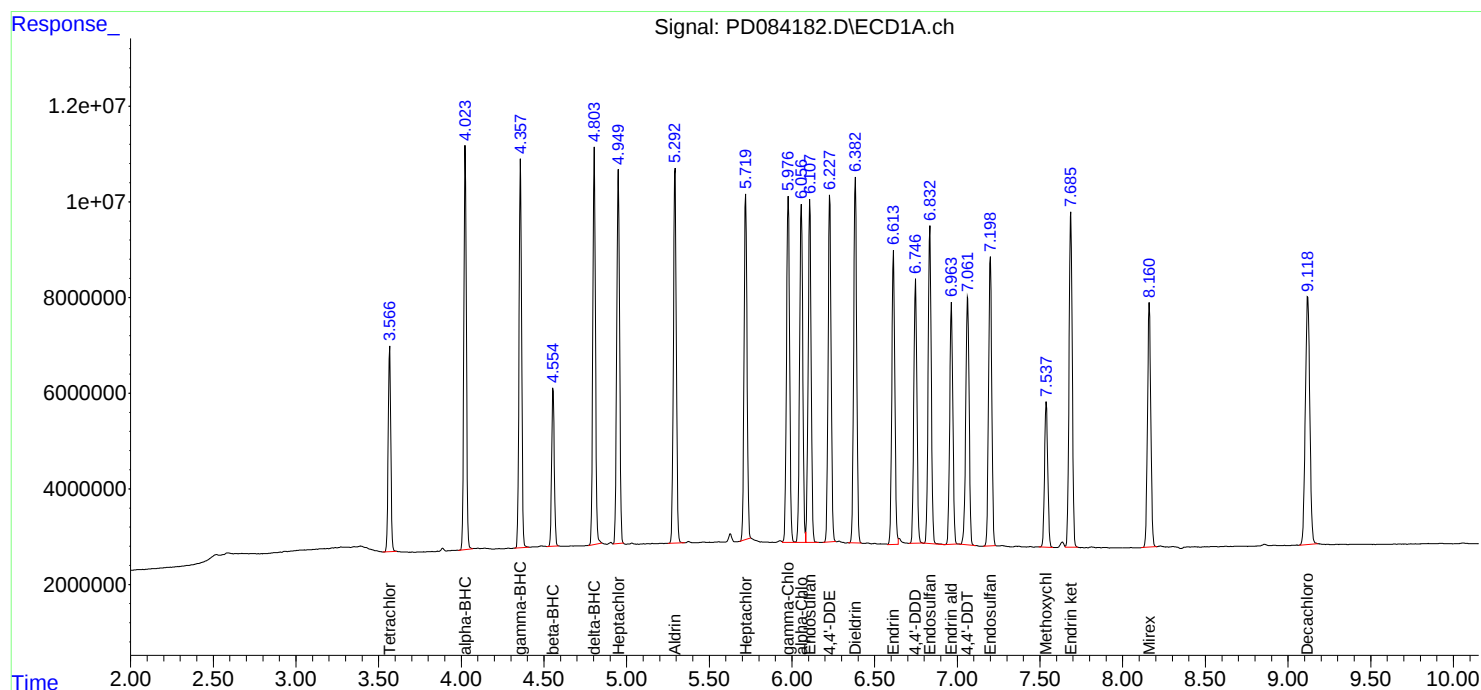
APPROVED

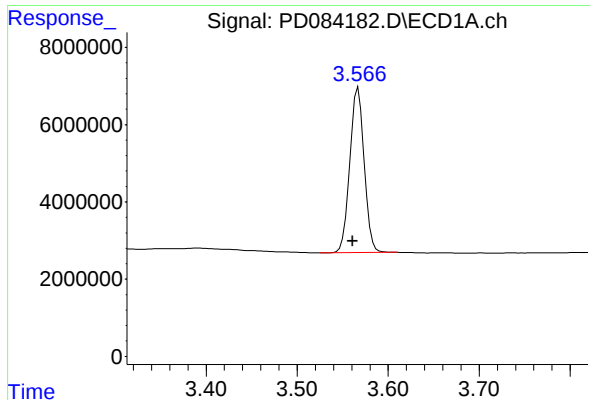
Reviewed By :Abdul Mirza 08/05/2024

Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:48:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





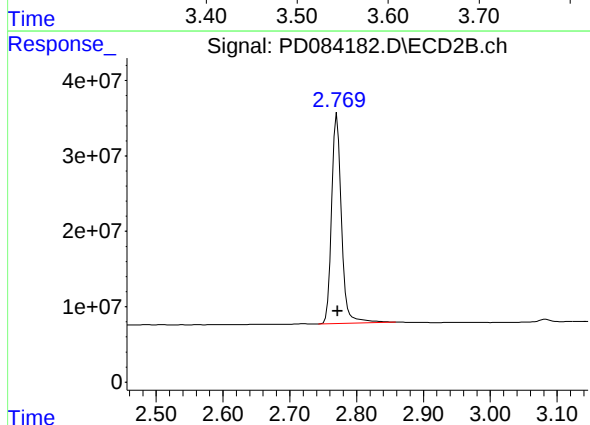
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.006 min
Response: 47127210
Conc: 46.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

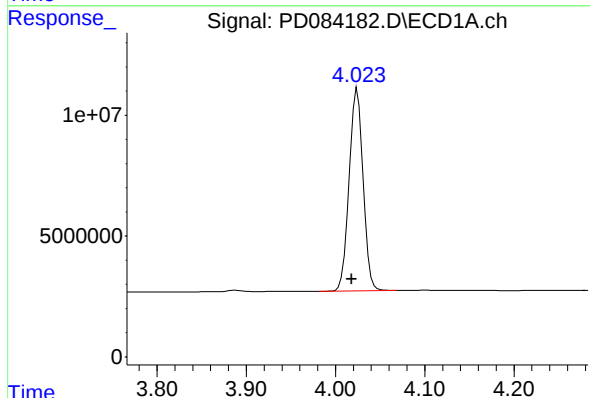
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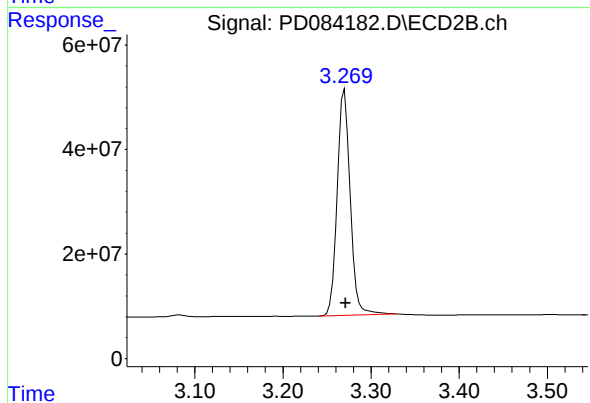
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 287340985
Conc: 49.98 ng/ml



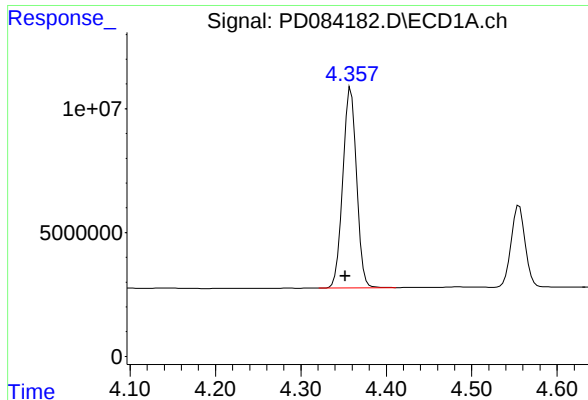
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.006 min
Response: 91256519
Conc: 46.46 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 445302020
Conc: 50.23 ng/ml



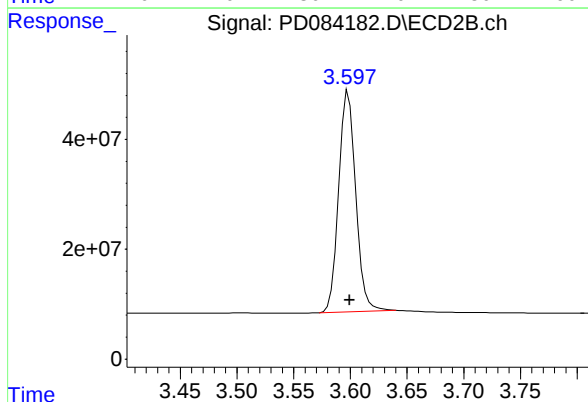
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.006 min
Response: 90159755
Conc: 46.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

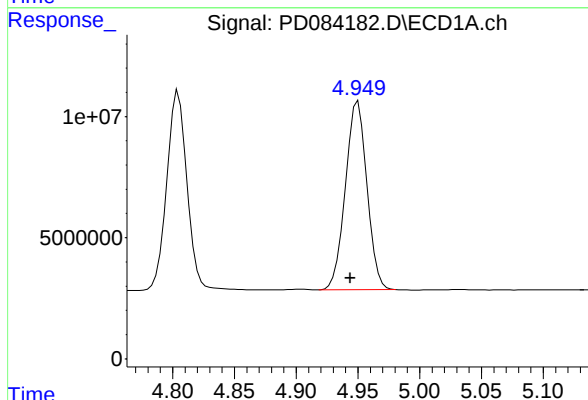
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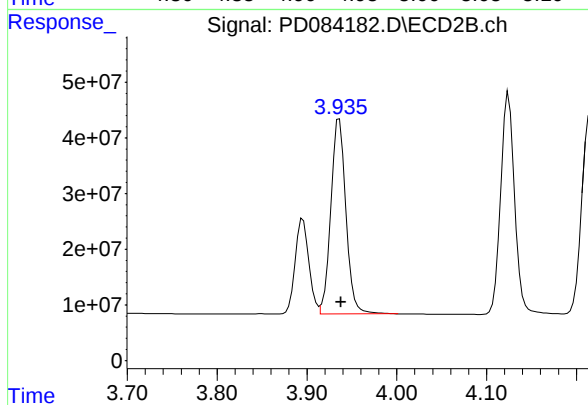
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 419958377
Conc: 52.52 ng/ml



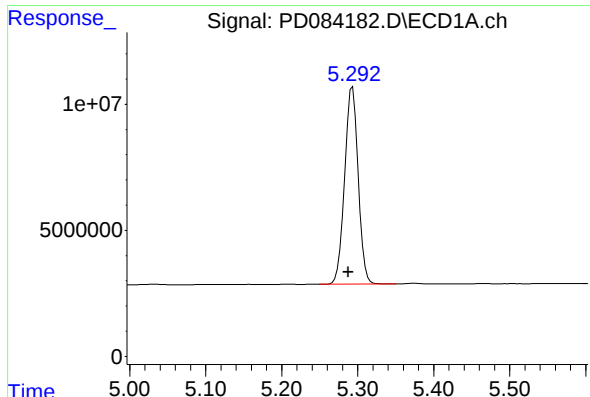
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.006 min
Response: 94479696
Conc: 47.50 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 409603879
Conc: 50.42 ng/ml



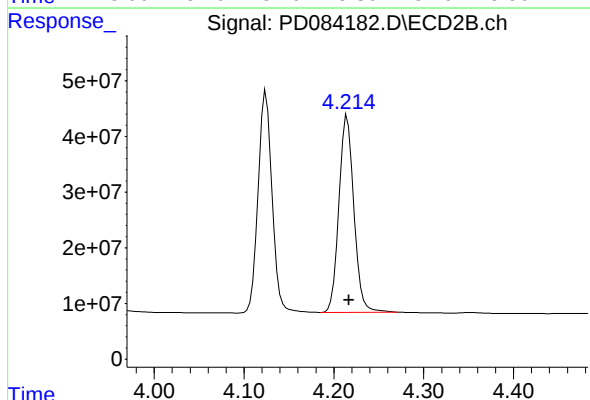
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.006 min
Response: 96798169
Conc: 47.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

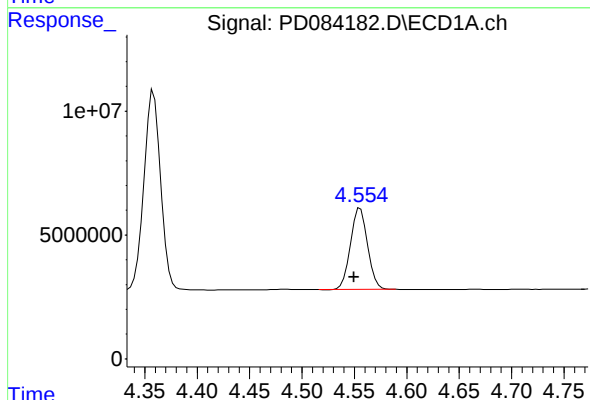
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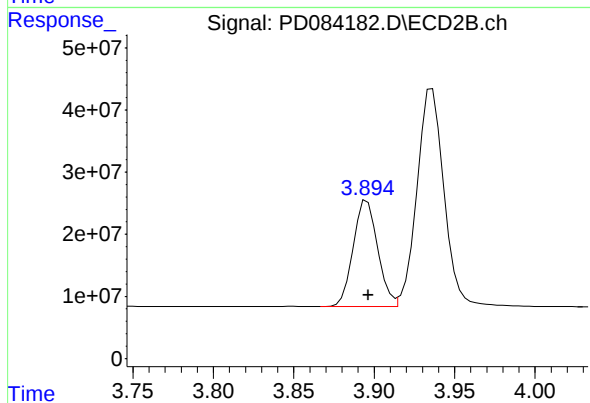
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 408937418
Conc: 50.93 ng/ml



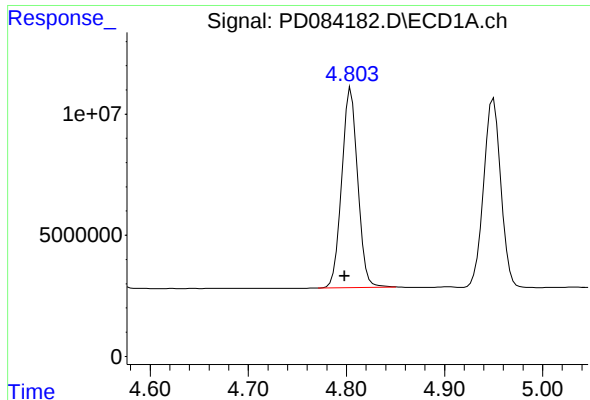
#6 beta-BHC

R.T.: 4.556 min
Delta R.T.: 0.006 min
Response: 37585049
Conc: 47.38 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 181273856
Conc: 51.52 ng/ml



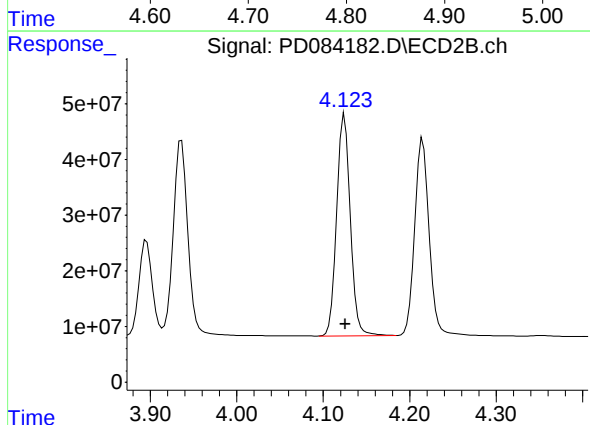
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.005 min
Response: 93392148
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

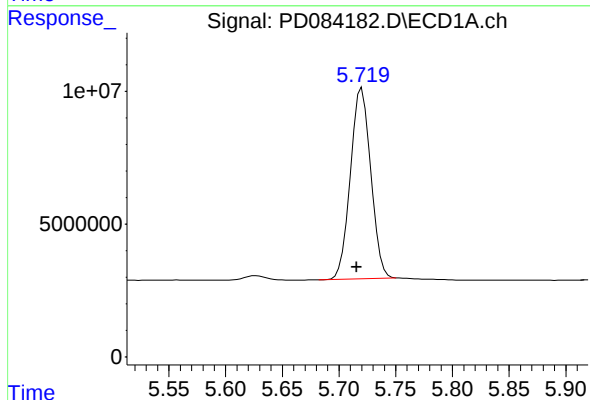
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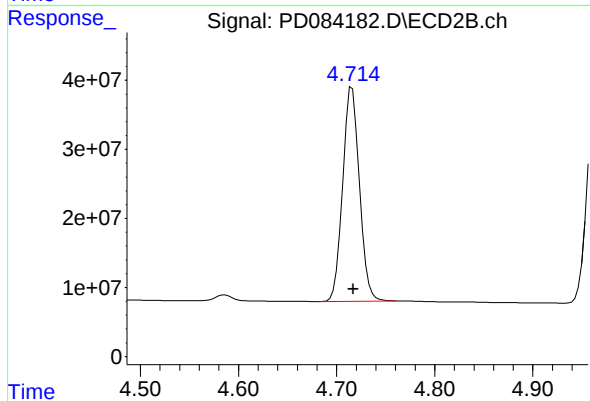
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 429592171
Conc: 51.63 ng/ml



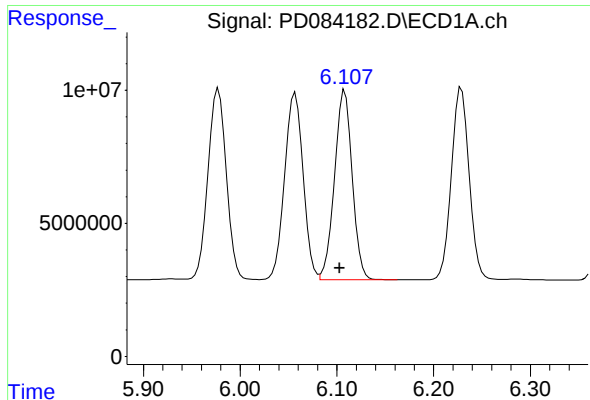
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.005 min
Response: 89812553
Conc: 50.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.001 min
Response: 368288848
Conc: 51.25 ng/ml



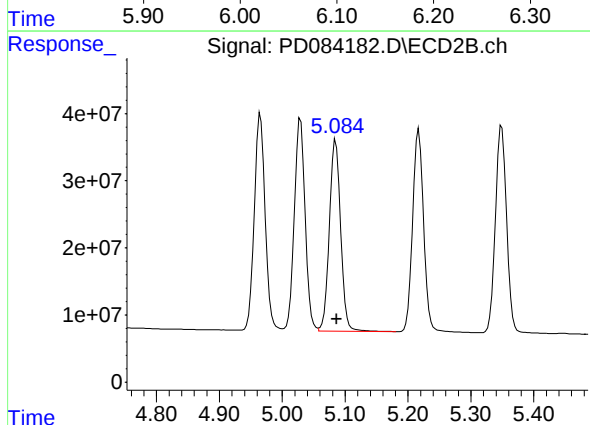
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.005 min
Response: 90897708
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

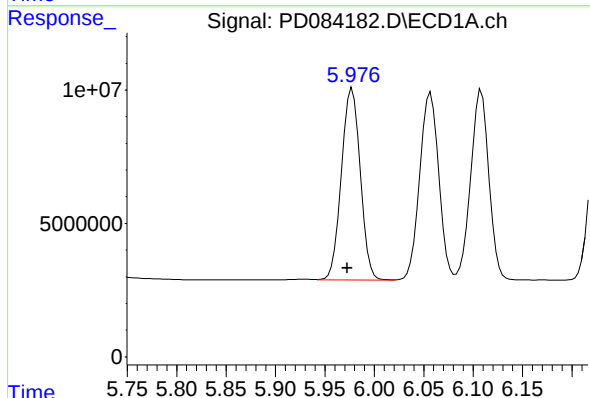
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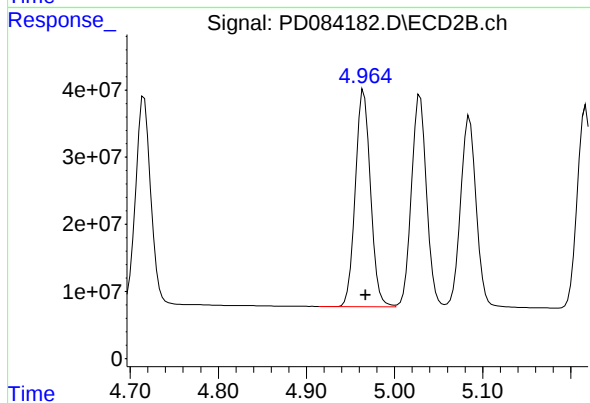
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 353916189
Conc: 51.32 ng/ml



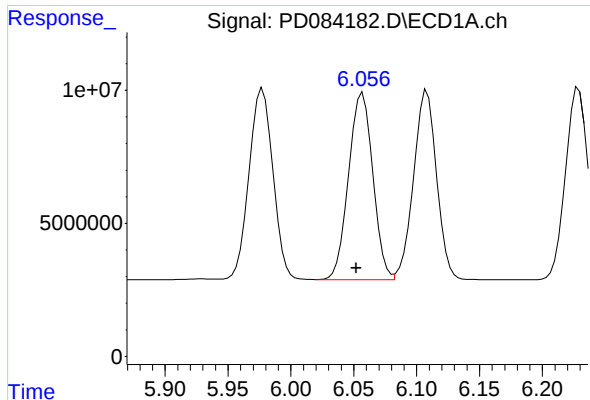
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.005 min
Response: 95372265
Conc: 47.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 387095217
Conc: 51.06 ng/ml



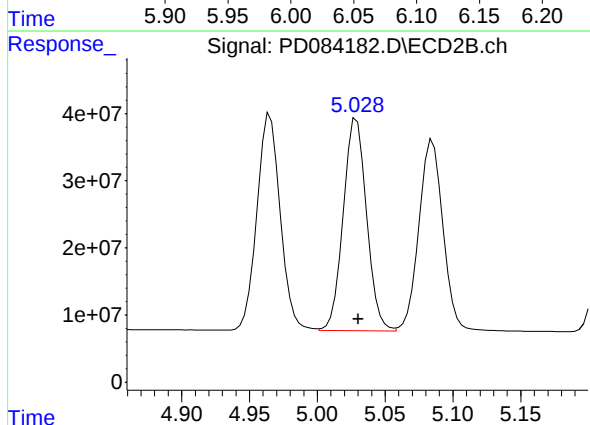
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.005 min
Response: 94215632
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

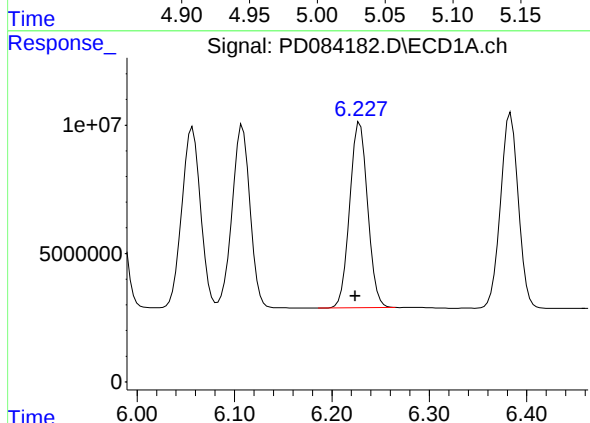
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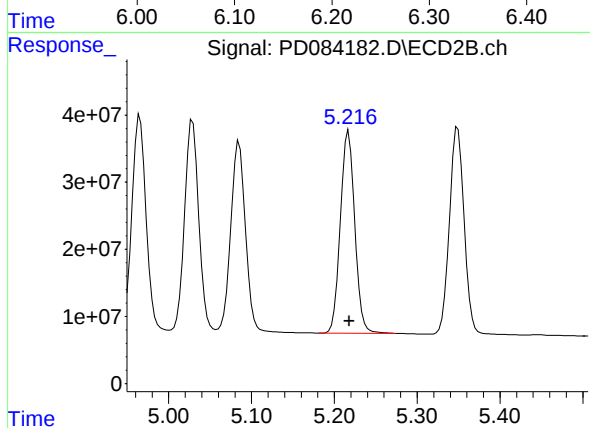
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 378256942
Conc: 50.65 ng/ml



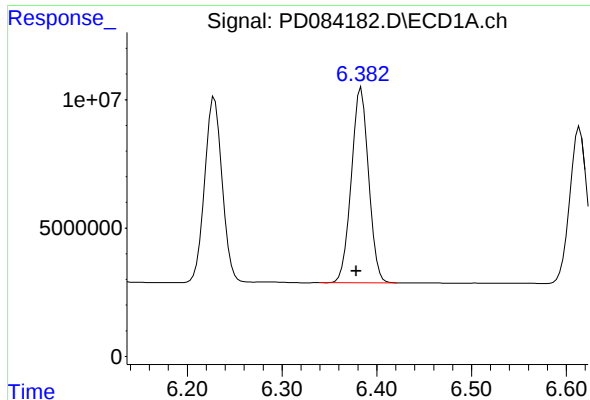
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 92380306
Conc: 46.34 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 363464627
Conc: 51.01 ng/ml



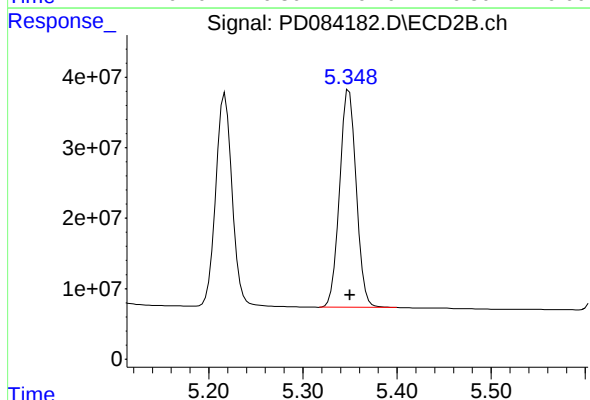
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.005 min
Response: 96388560
Conc: 46.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

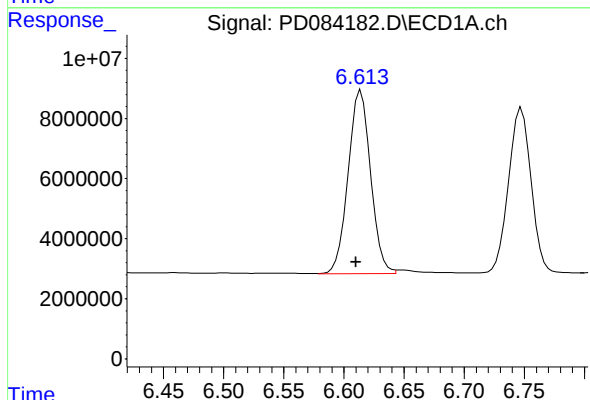
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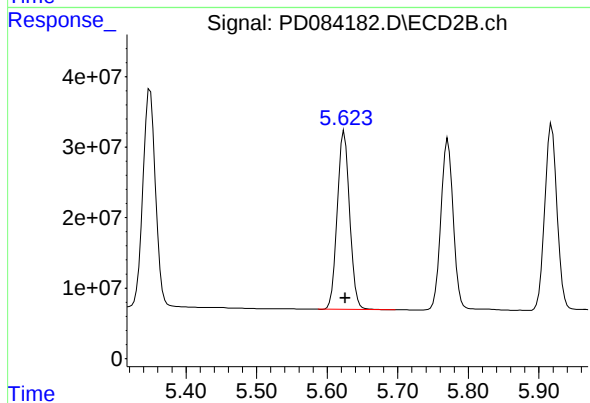
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 379922265
Conc: 50.60 ng/ml



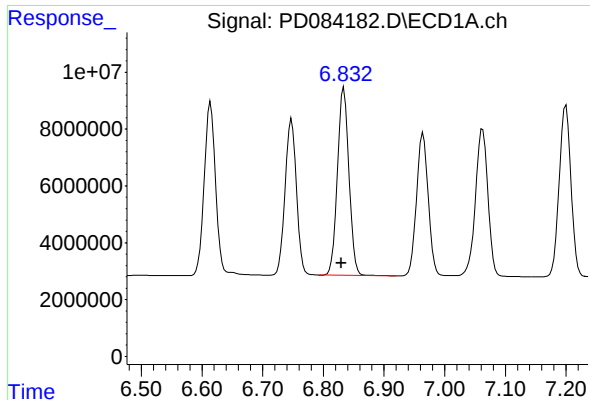
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 79343879
Conc: 44.45 ng/ml m



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.001 min
Response: 309305827
Conc: 46.77 ng/ml



#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.004 min
Response: 86864133
Conc: 45.49 ng/ml

Instrument :

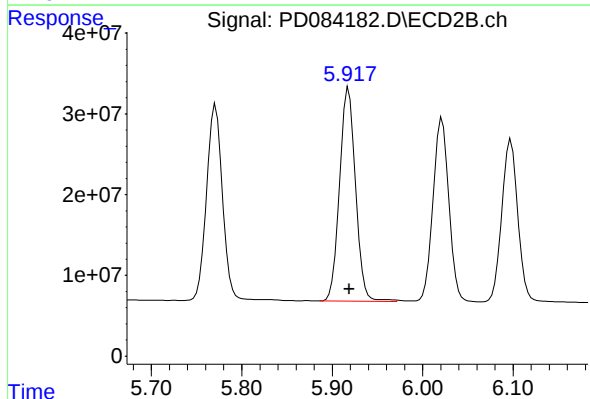
ECD_D

ClientSampleId :

PSTDCCC050

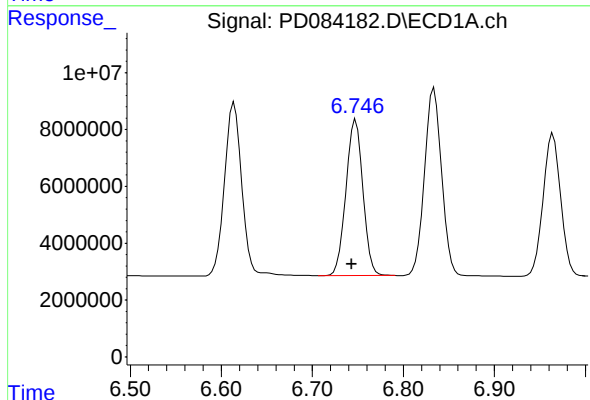
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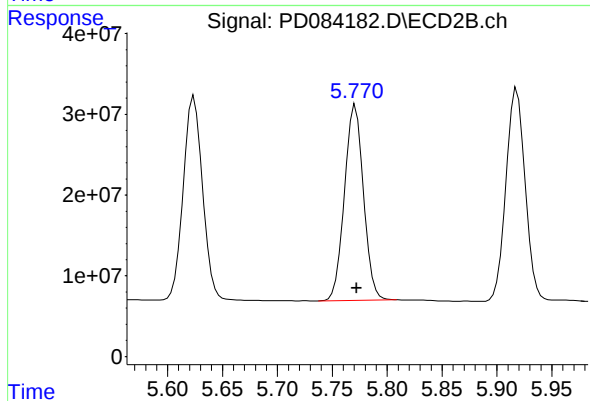
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 324851288
Conc: 50.84 ng/ml



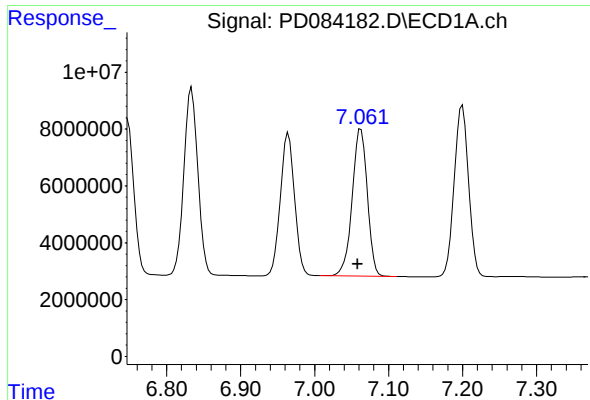
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.005 min
Response: 71342844
Conc: 47.09 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 291798081
Conc: 52.68 ng/ml



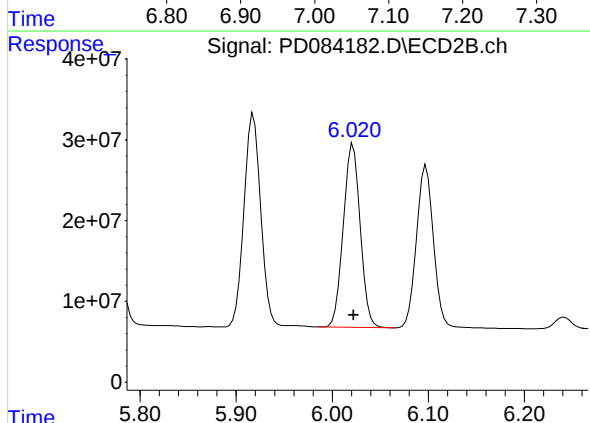
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.004 min
Response: 73396303
Conc: 42.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

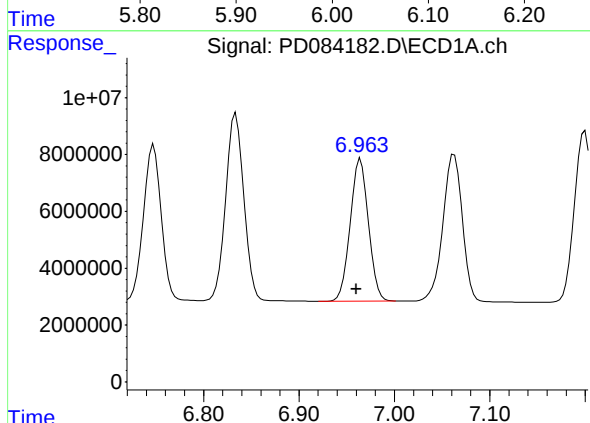
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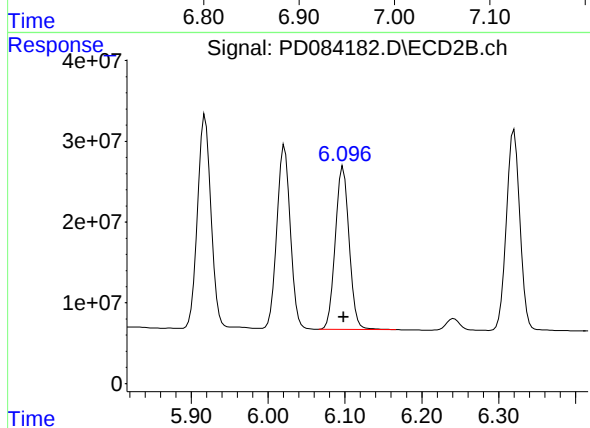
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 275625804
Conc: 48.05 ng/ml



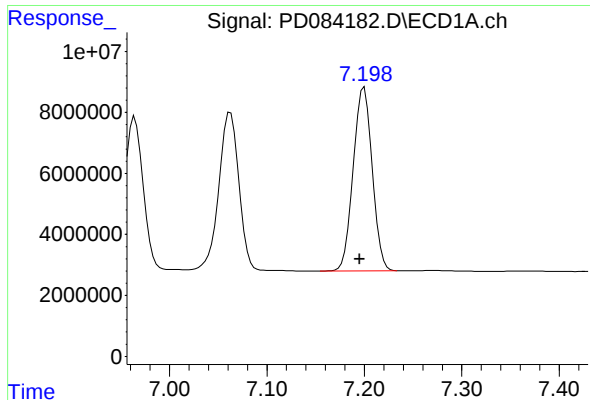
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.005 min
Response: 66902120
Conc: 45.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 247957608
Conc: 49.41 ng/ml



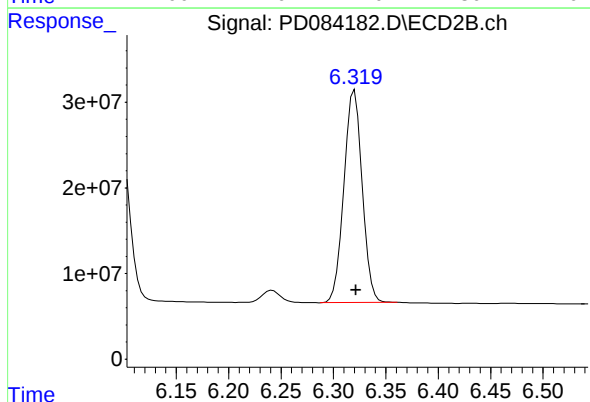
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.005 min
Response: 81649246
Conc: 44.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

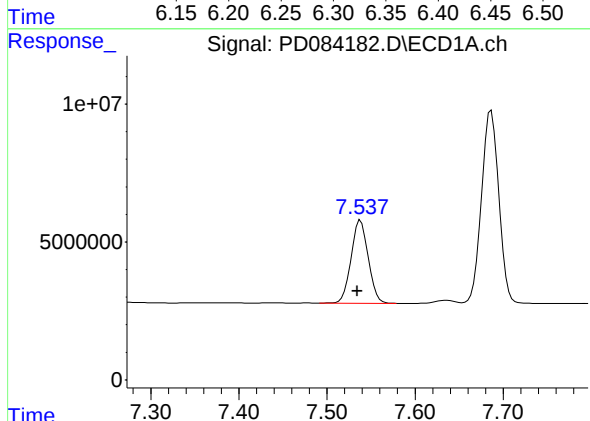
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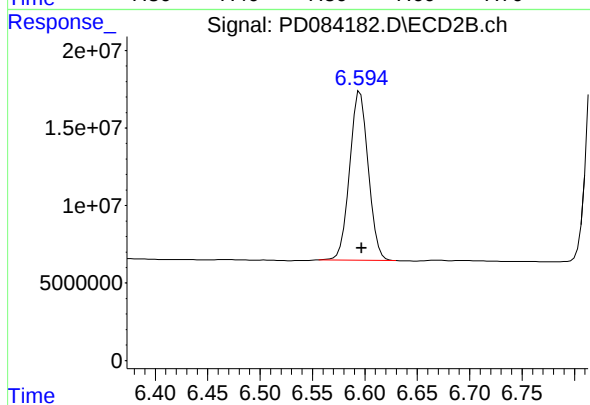
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 302334179
Conc: 49.40 ng/ml



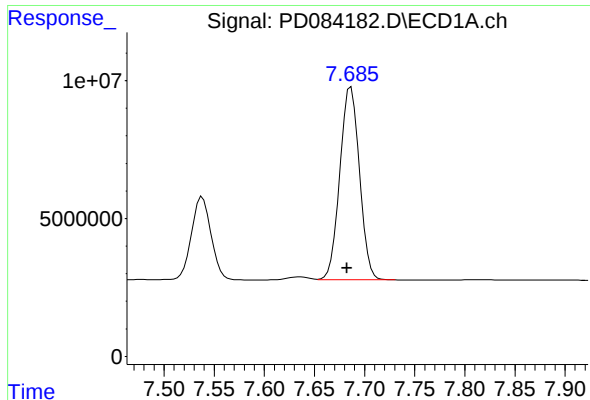
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.004 min
Response: 40704547
Conc: 41.31 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 135147746
Conc: 45.82 ng/ml



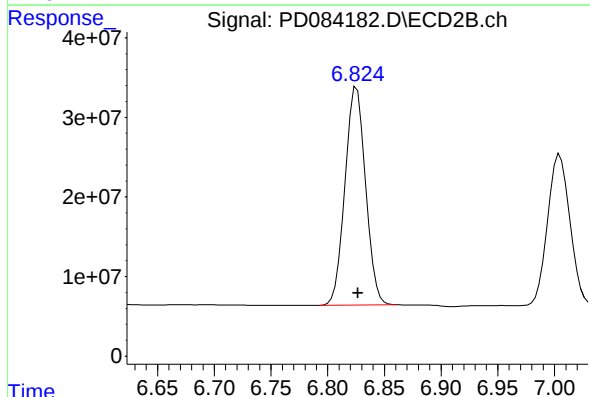
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.004 min
Response: 95272285
Conc: 46.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

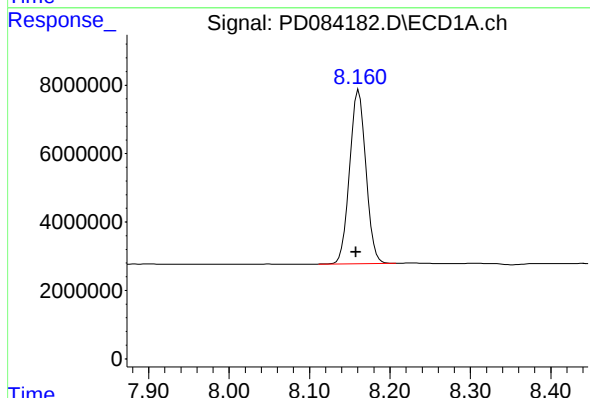
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



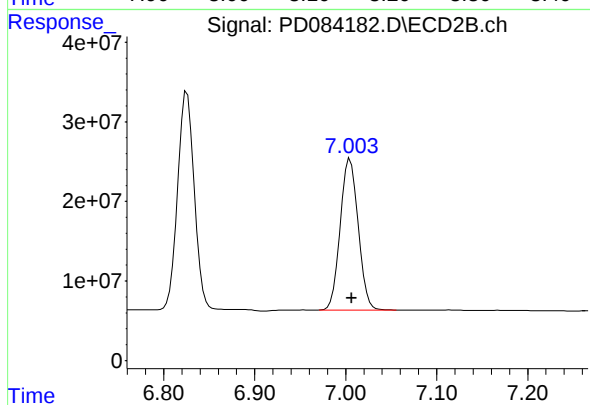
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 346121903
Conc: 51.12 ng/ml



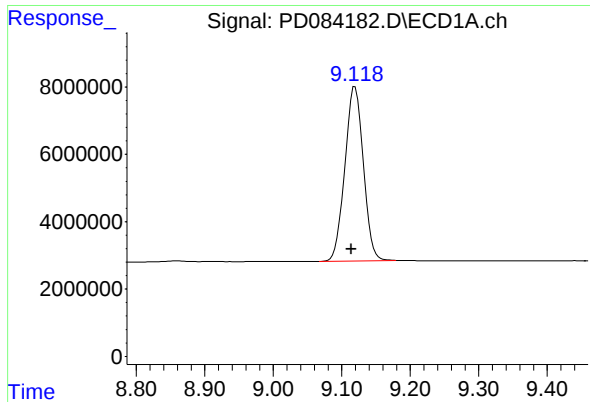
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.004 min
Response: 71363665
Conc: 43.82 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 261582414
Conc: 48.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 96923562
Conc: 42.46 ng/ml

Instrument :

ECD_D

ClientSampleId :

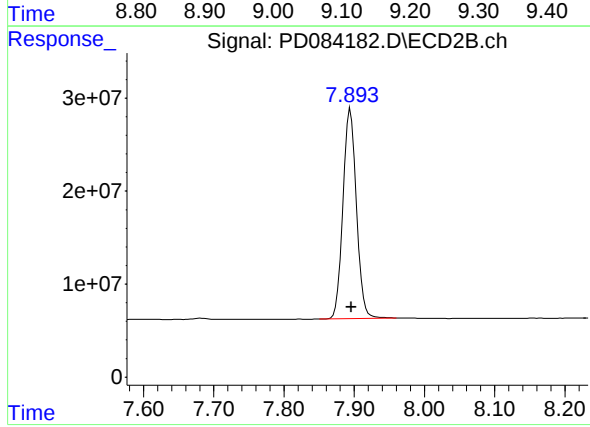
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.001 min
Response: 300505109
Conc: 46.79 ng/ml