

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
 Data File : PD081189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 09:26
 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 19:45:19 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	2.794	71487965	125.1E6	50.359	52.310
28)	SA Decachlor...	9.111	7.930	86646526	118.2E6	43.055	44.361
Target Compounds							
2)	A alpha-BHC	4.022	3.295	125.0E6	200.6E6	50.328	52.278
3)	MA gamma-BHC...	4.356	3.625	123.7E6	193.1E6	50.534	51.657
4)	MA Heptachlor	4.948	3.966	119.9E6	173.6E6	48.604	50.361
5)	MB Aldrin	5.292	4.246	121.0E6	187.5E6	49.305	51.494
6)	B beta-BHC	4.550	3.920	50444659	78346442	49.854	50.139
7)	B delta-BHC	4.799	4.151	125.9E6	198.1E6	50.194	52.780
8)	B Heptachlo...	5.718	4.747	112.5E6	163.9E6	50.236	48.941
9)	A Endosulfan I	6.104	5.117	100.1E6	148.3E6	48.287	48.424
10)	B gamma-Chl...	5.972	4.997	105.1E6	162.1E6	48.030m	49.568
11)	B alpha-Chl...	6.054	5.061	105.6E6	160.1E6	48.501	48.964
12)	B 4,4'-DDE	6.225	5.248	97998660	152.4E6	48.159	49.740m
13)	MA Dieldrin	6.380	5.381	104.6E6	168.3E6	47.328	49.487
14)	MA Endrin	6.610	5.657	87780930	150.2E6	46.998	50.686
15)	B Endosulfa...	6.829	5.949	88890425	143.6E6	45.904	49.935
16)	A 4,4'-DDD	6.741	5.803	77669109	131.2E6	47.269	49.982
17)	MA 4,4'-DDT	7.057	6.054	76900290	125.2E6	43.181	47.186
18)	B Endrin al...	6.958	6.128	64903001	104.4E6	42.667	46.297
19)	B Endosulfa...	7.193	6.350	85169350	136.1E6	44.856	48.810
20)	A Methoxychlor	7.531	6.629	44701629	68177890	43.430	43.557
21)	B Endrin ke...	7.679	6.857	99967487	156.8E6	47.803	48.590
22)	Mirex	8.156	7.040	75128942	115.7E6	45.550	45.909

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 09:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

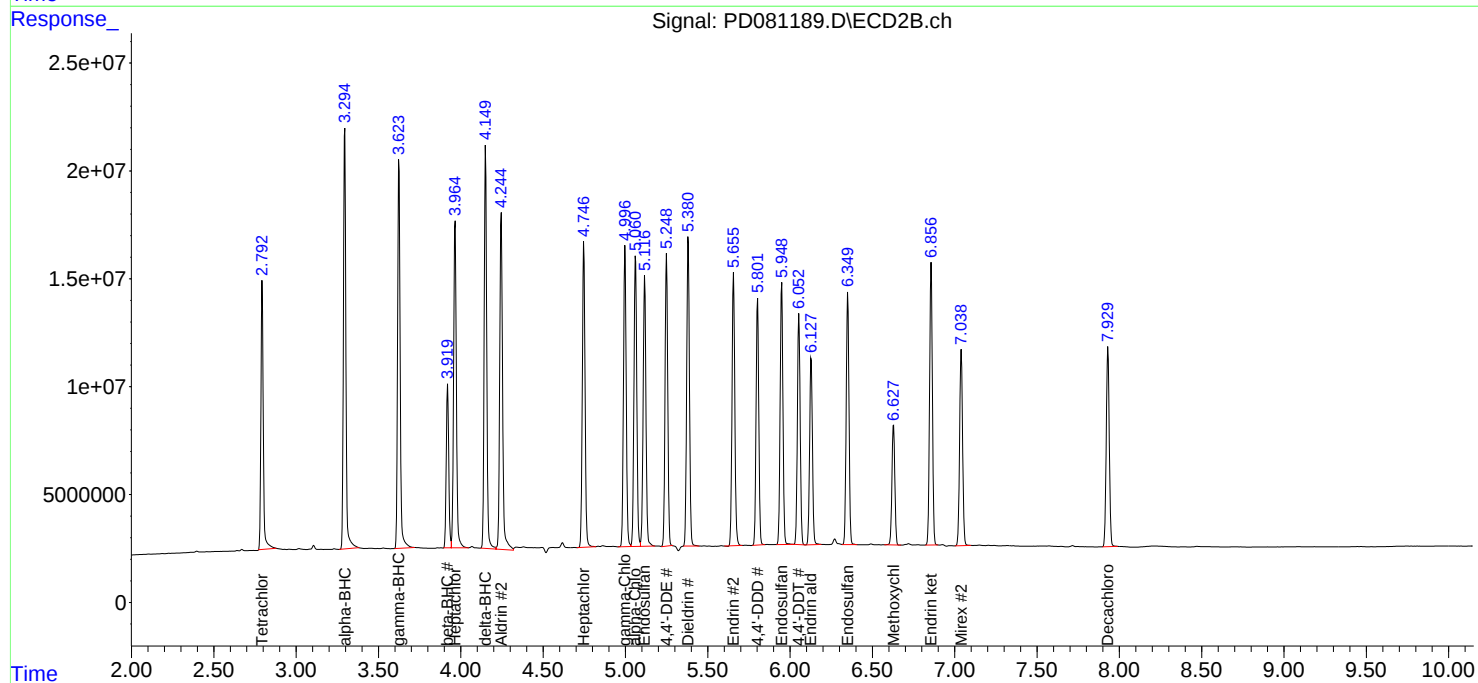
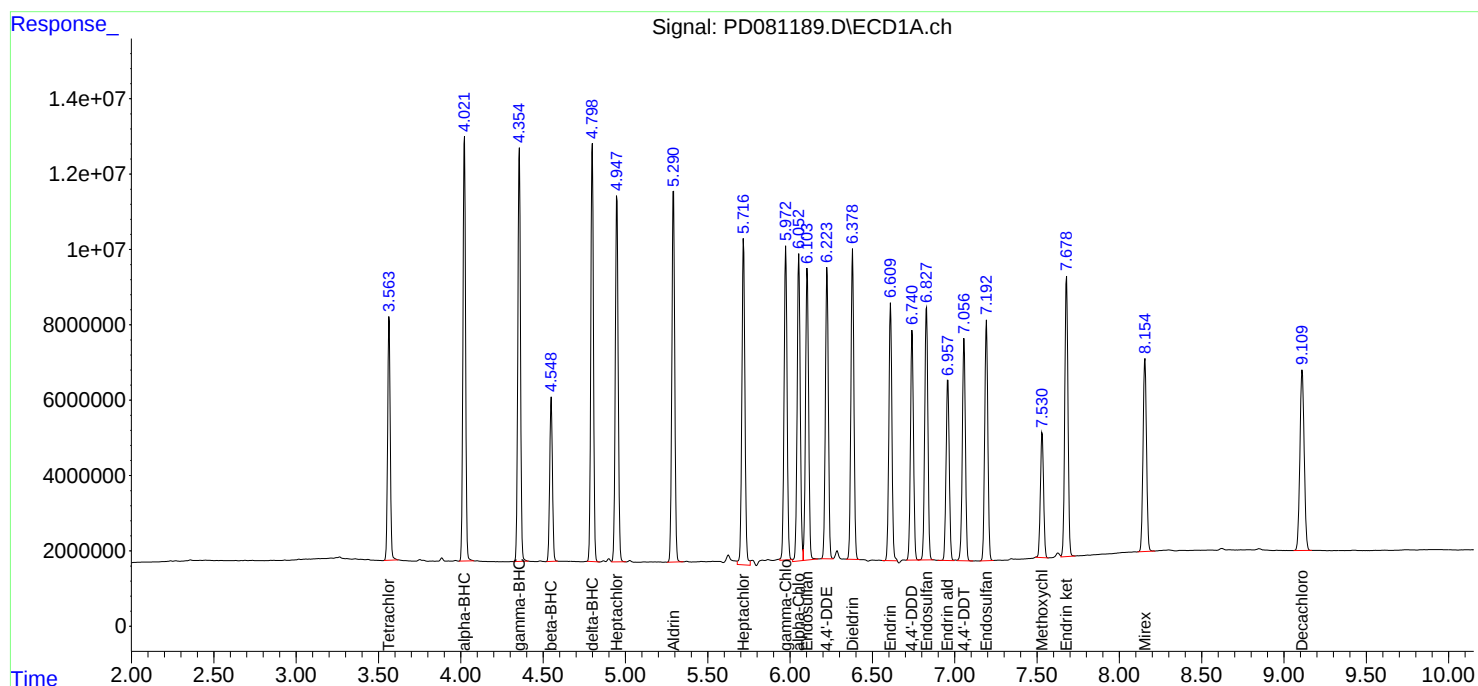
APPROVED

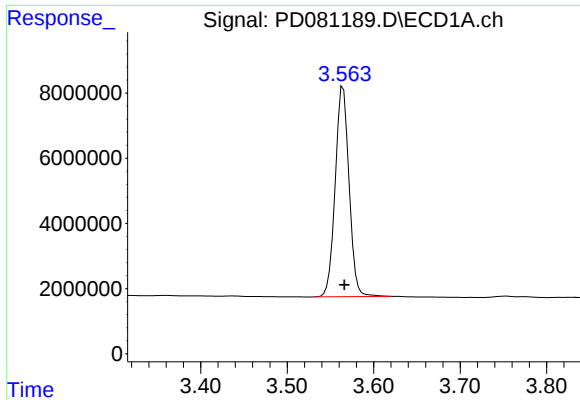
Reviewed By :Abdul Mirza 02/09/2024

Supervised By :Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 19:45:19 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





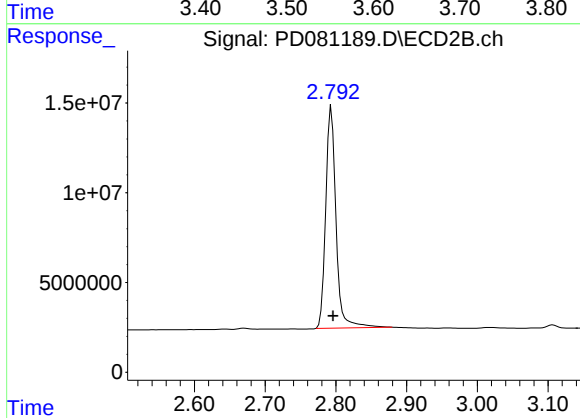
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.001 min
Response: 71487965
Conc: 50.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

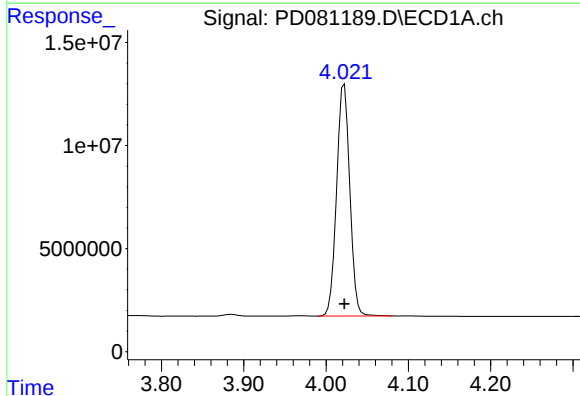
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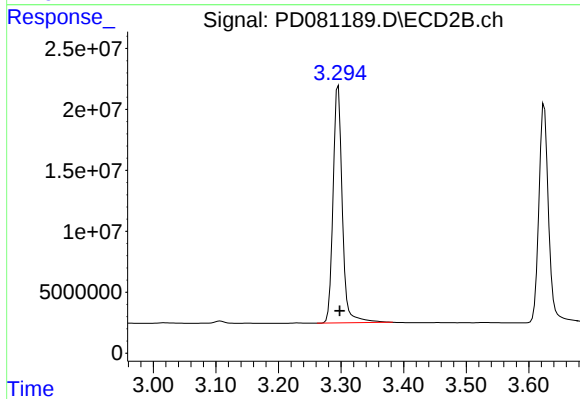
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 125133889
Conc: 52.31 ng/ml



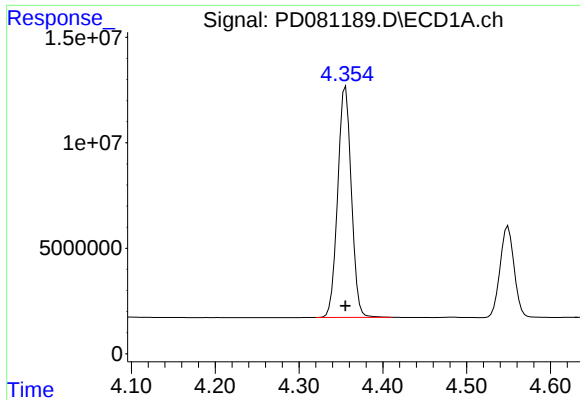
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 125006013
Conc: 50.33 ng/ml



#2 alpha-BHC

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 200593323
Conc: 52.28 ng/ml



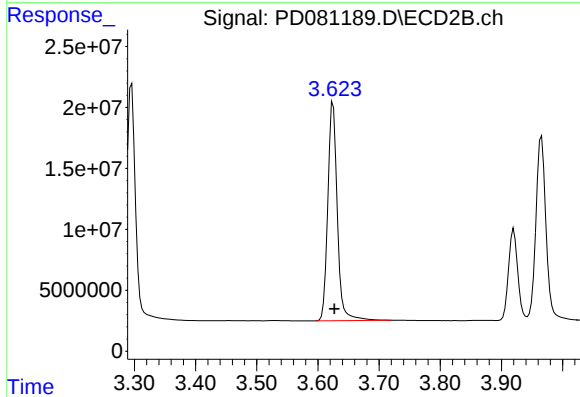
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 123688316
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

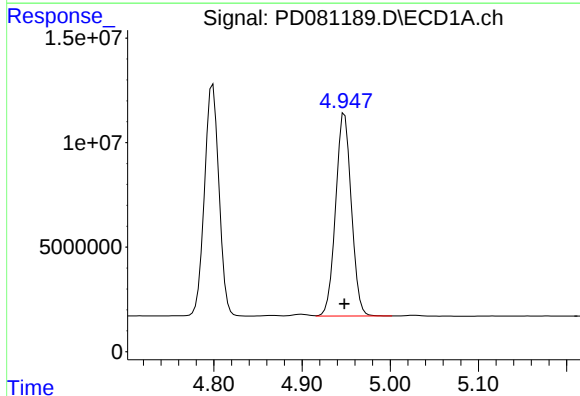
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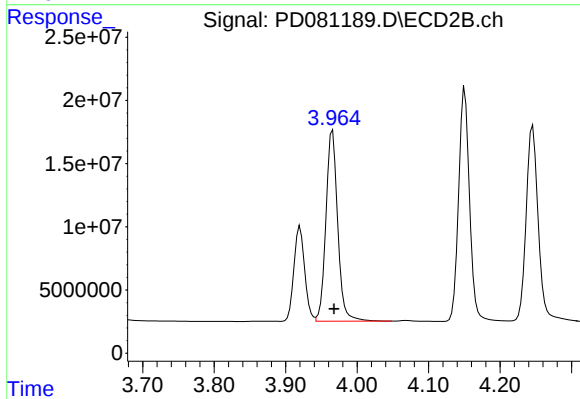
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 193143678
Conc: 51.66 ng/ml



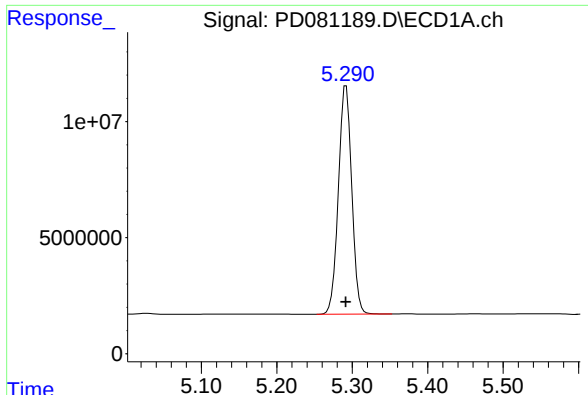
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 119874888
Conc: 48.60 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 173649069
Conc: 50.36 ng/ml



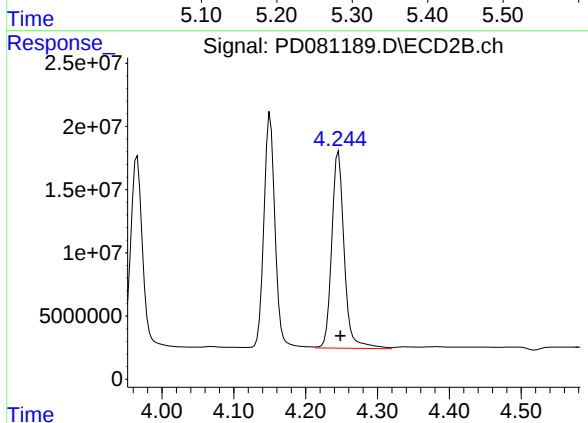
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 121025963
Conc: 49.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

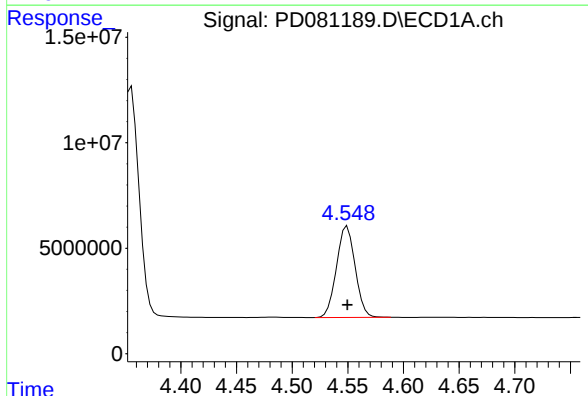
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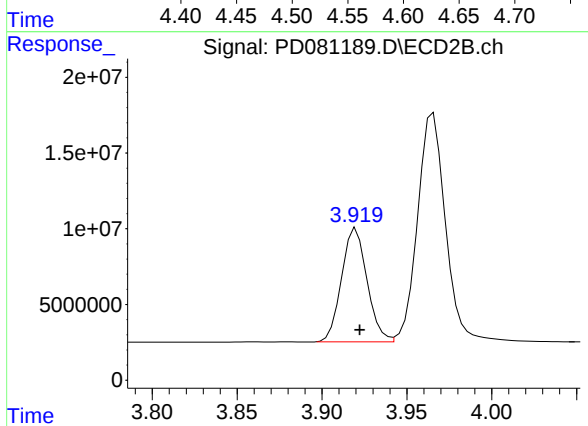
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.003 min
Response: 187540947
Conc: 51.49 ng/ml



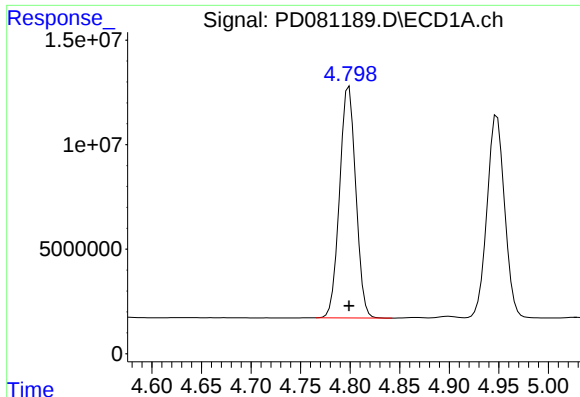
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 50444659
Conc: 49.85 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 78346442
Conc: 50.14 ng/ml



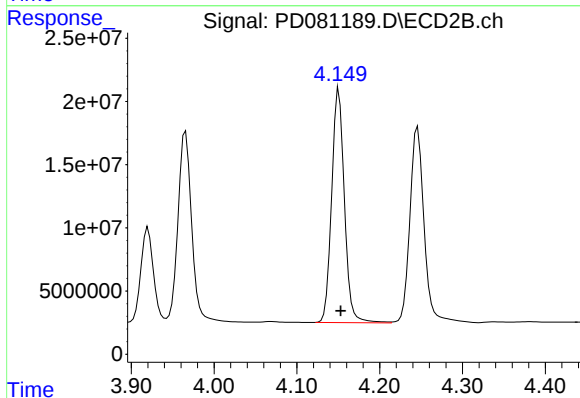
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 125927017
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

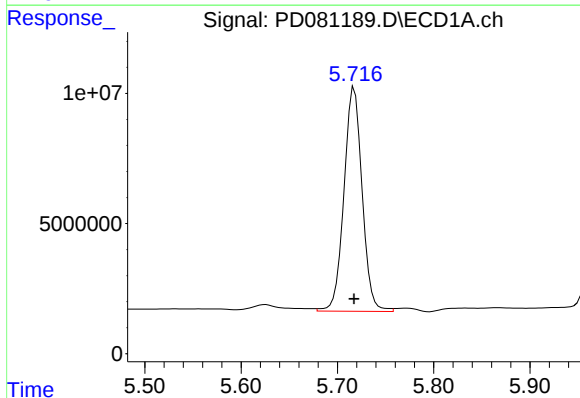
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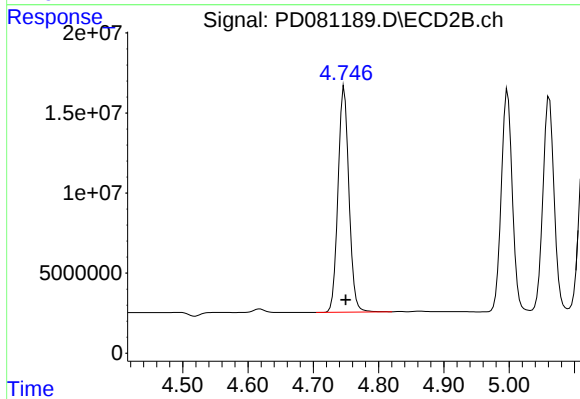
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 198082578
Conc: 52.78 ng/ml



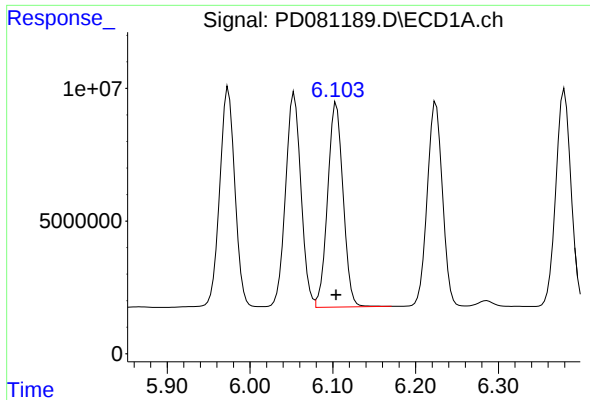
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 112488836
Conc: 50.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 163925983
Conc: 48.94 ng/ml



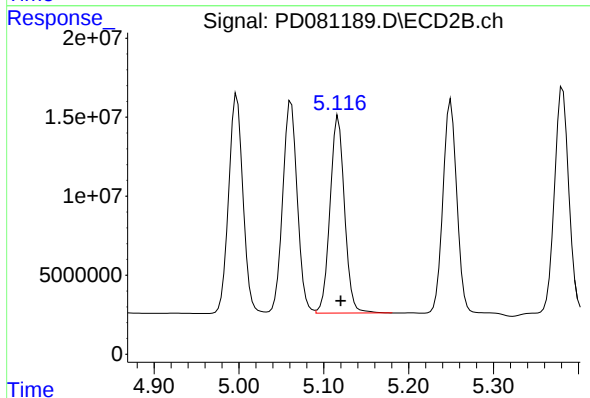
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 100149498
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

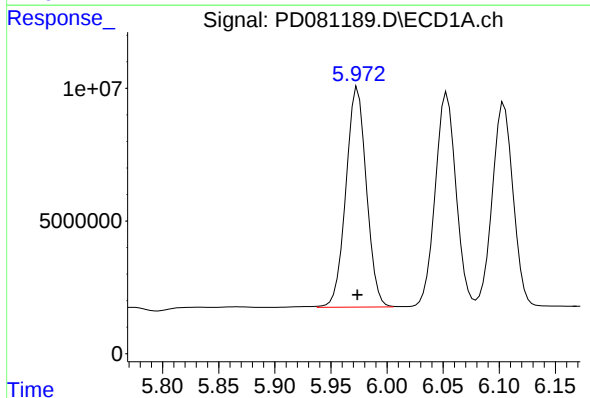
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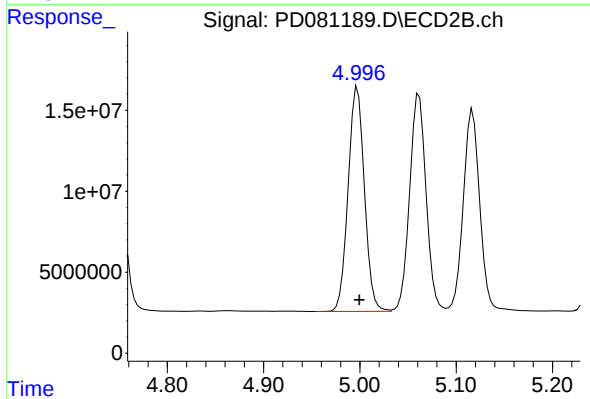
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 148313053
Conc: 48.42 ng/ml



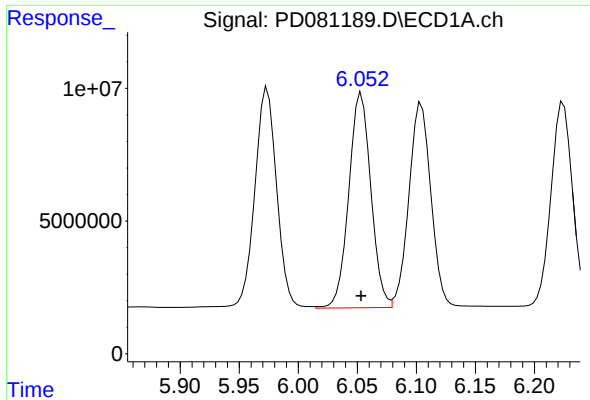
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.001 min
Response: 105142586
Conc: 48.03 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 162138246
Conc: 49.57 ng/ml



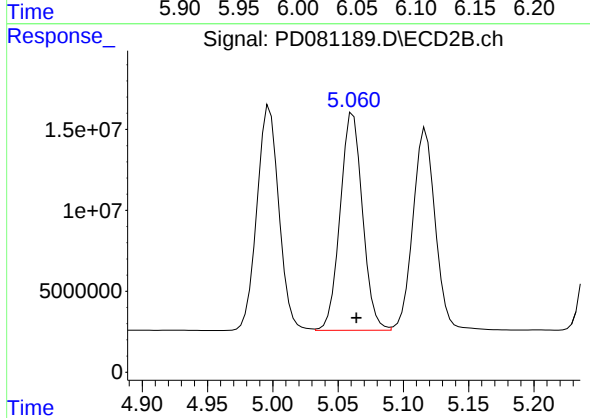
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 105607235
Conc: 48.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

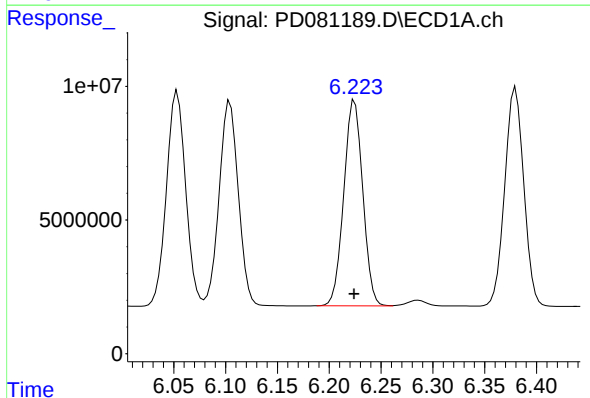
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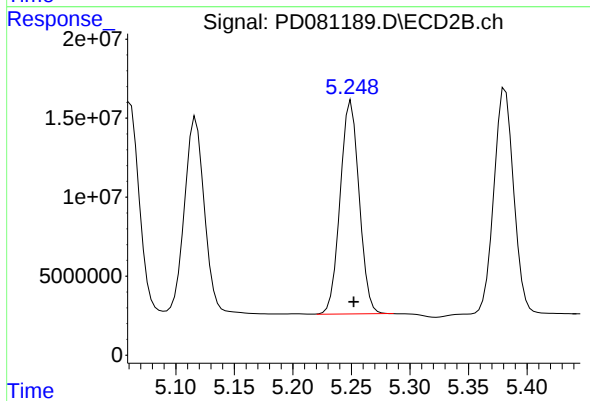
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 160090279
Conc: 48.96 ng/ml



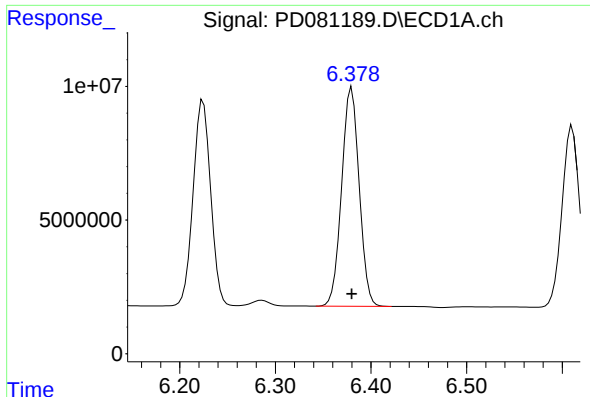
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 97998660
Conc: 48.16 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: -0.004 min
Response: 152365643
Conc: 49.74 ng/ml m



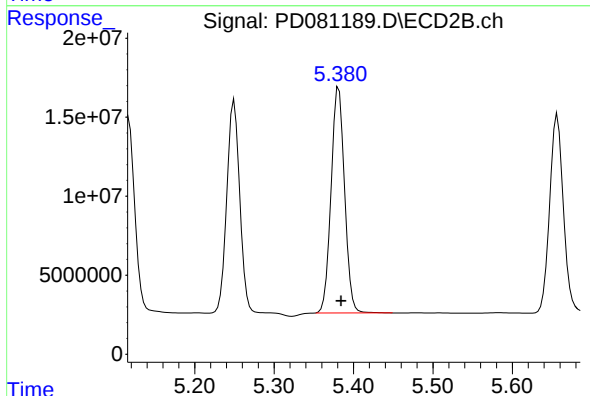
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 104579706
Conc: 47.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

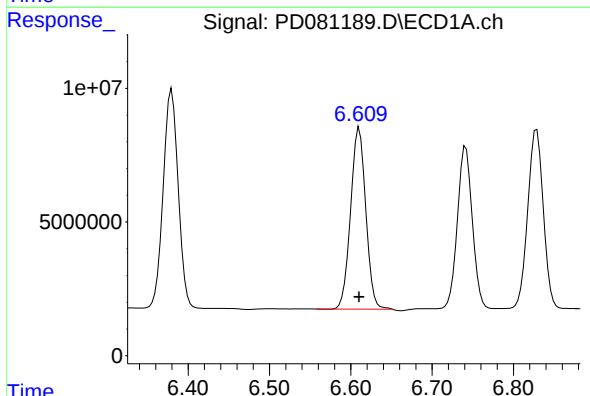
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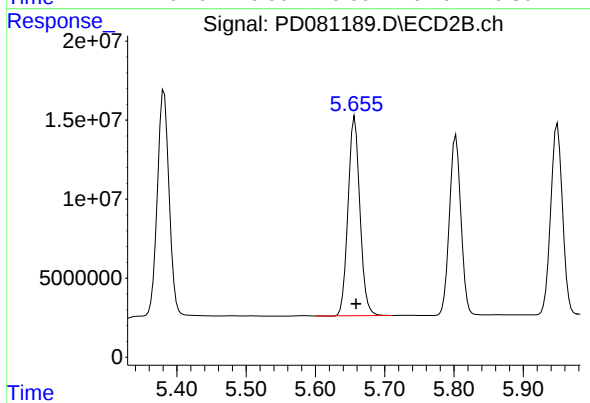
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: -0.003 min
Response: 168294984
Conc: 49.49 ng/ml



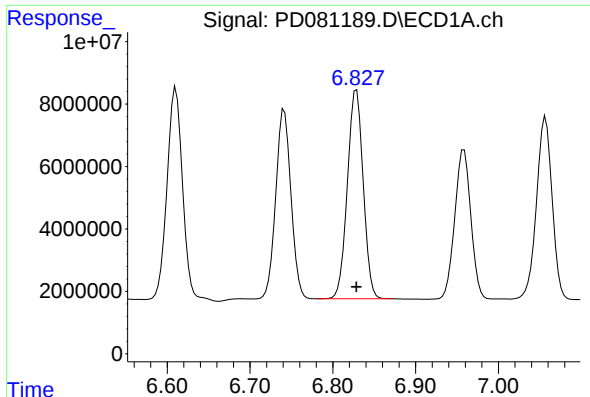
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 87780930
Conc: 47.00 ng/ml



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 150201781
Conc: 50.69 ng/ml



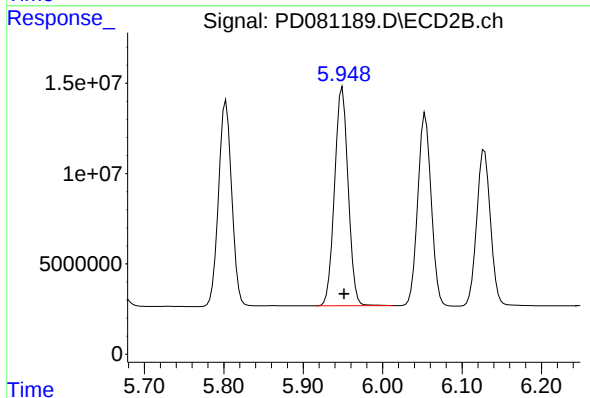
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 88890425
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

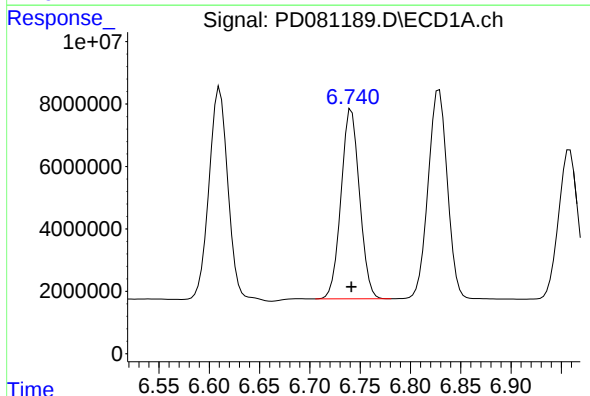
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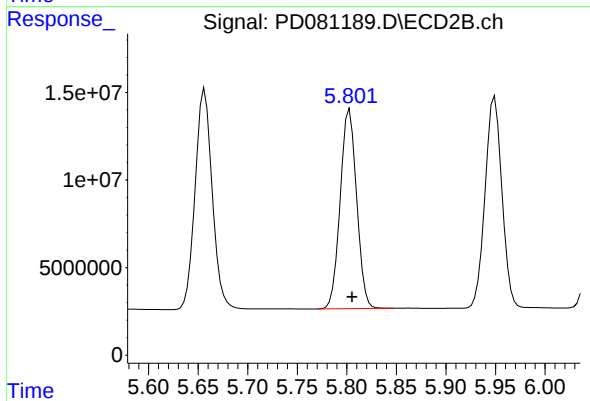
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 143607644
Conc: 49.93 ng/ml



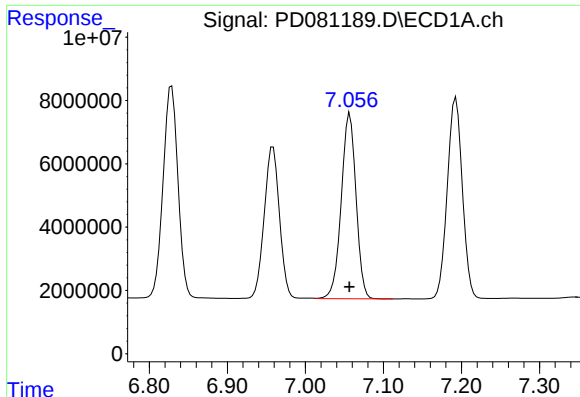
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 77669109
Conc: 47.27 ng/ml



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 131216471
Conc: 49.98 ng/ml



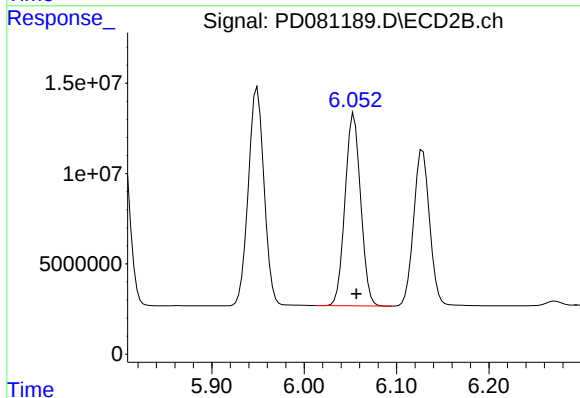
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 76900290
Conc: 43.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

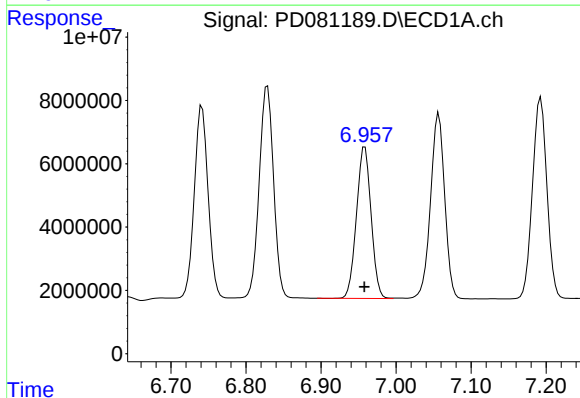
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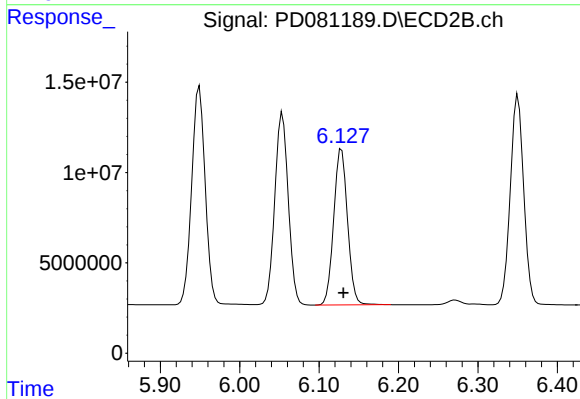
#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.003 min
Response: 125188109
Conc: 47.19 ng/ml



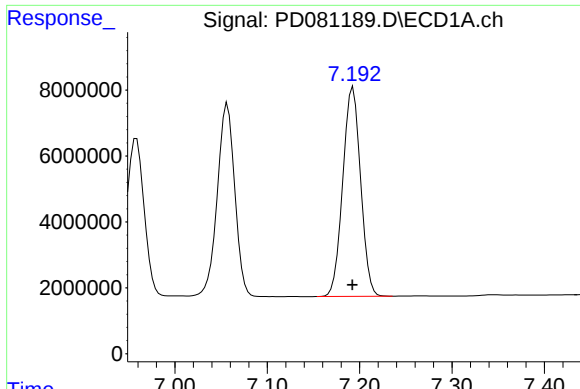
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 64903001
Conc: 42.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.002 min
Response: 104384091
Conc: 46.30 ng/ml



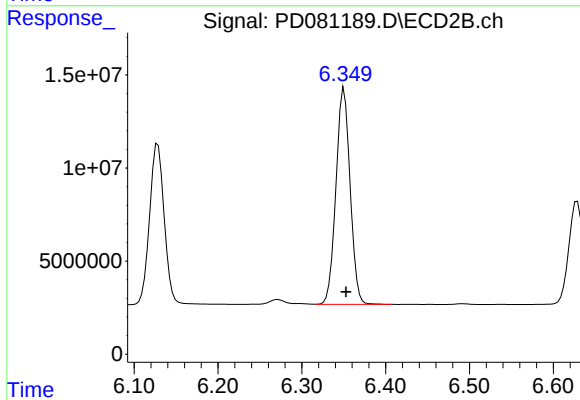
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 85169350
Conc: 44.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

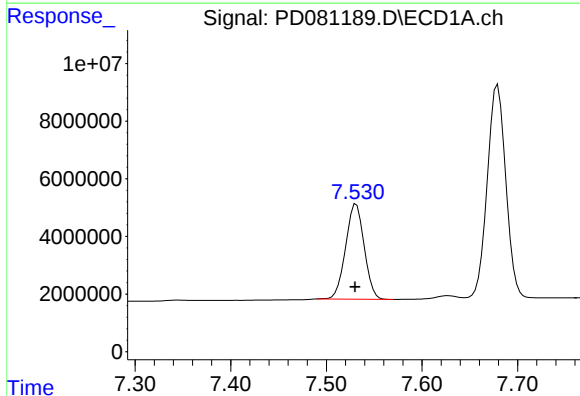
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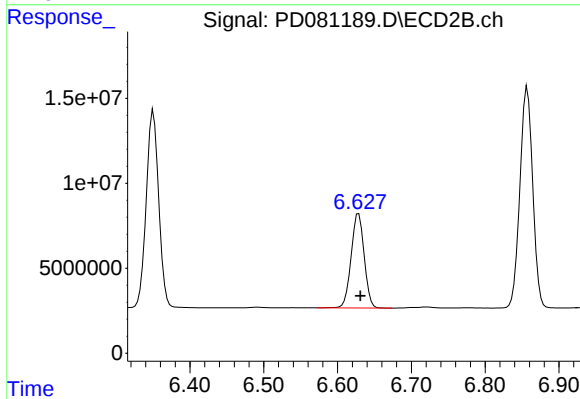
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 136149970
Conc: 48.81 ng/ml



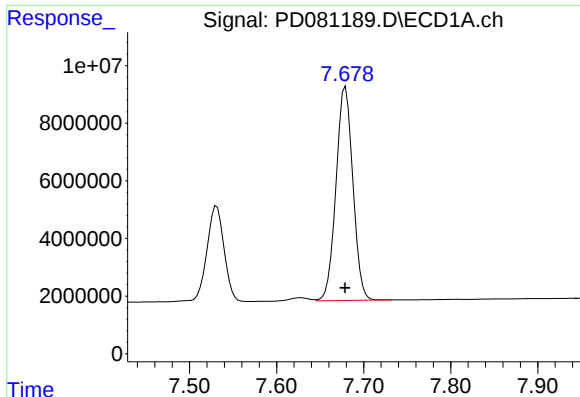
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.001 min
Response: 44701629
Conc: 43.43 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 68177890
Conc: 43.56 ng/ml



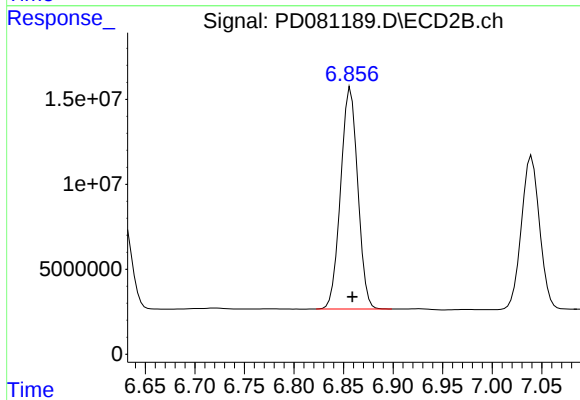
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 99967487
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

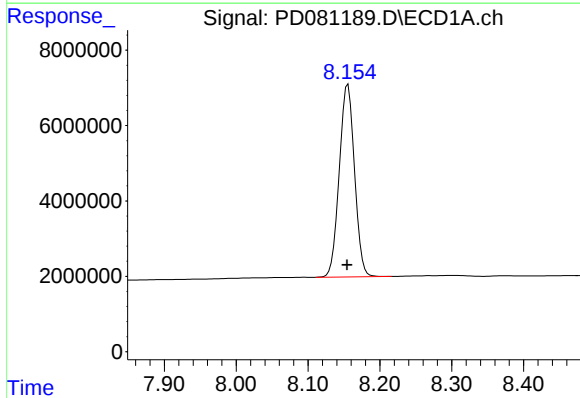
Manual Integrations
APPROVED

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



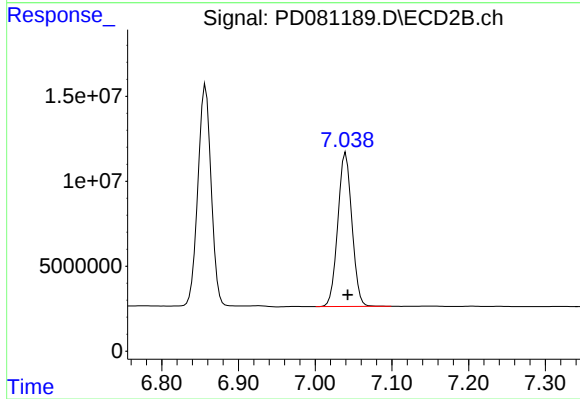
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 156801576
Conc: 48.59 ng/ml



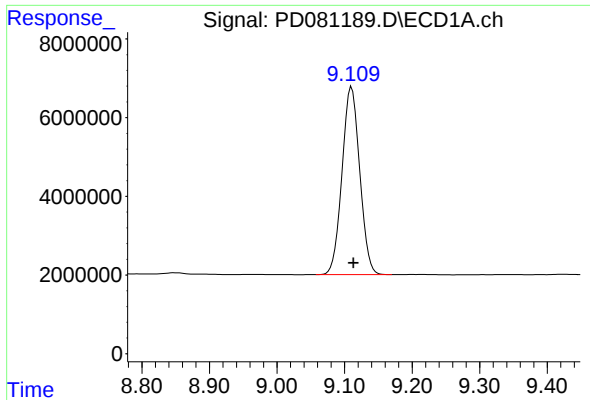
#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.001 min
Response: 75128942
Conc: 45.55 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 115689228
Conc: 45.91 ng/ml



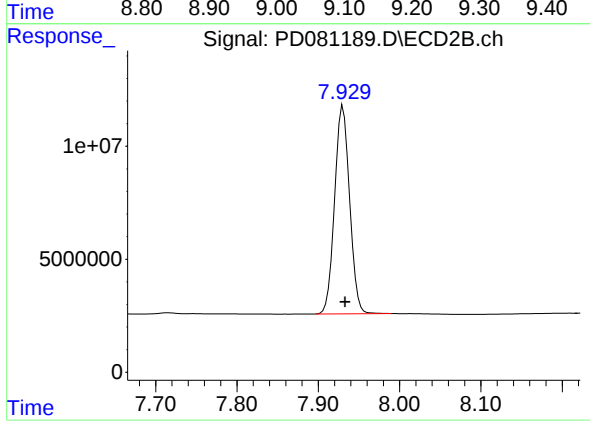
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.002 min
Response: 86646526
Conc: 43.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.002 min
Response: 118161274
Conc: 44.36 ng/ml