

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 16:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2024
 Supervised By : Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 21:12:11 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...	3.567	2.794	70158634	119.2E6	49.423	49.841
28)	SA Decachlor...	9.119	7.936	87002519	124.6E6	43.232	46.778
Target Compounds							
2)	A alpha-BHC	4.024	3.296	123.2E6	193.1E6	49.608	50.336
3)	MA gamma-BHC...	4.358	3.626	120.4E6	187.1E6	49.201	50.046
4)	MA Heptachlor	4.951	3.967	114.0E6	165.5E6	46.241	47.990
5)	MB Aldrin	5.294	4.247	118.6E6	183.9E6	48.327	50.488
6)	B beta-BHC	4.552	3.921	49433191	76583460	48.854	49.011
7)	B delta-BHC	4.802	4.152	125.3E6	194.7E6	49.928	51.887
8)	B Heptachlo...	5.721	4.749	108.7E6	161.7E6	48.563	48.286
9)	A Endosulfan I	6.108	5.119	98573559	146.7E6	47.527	47.900
10)	B gamma-Chl...	5.977	4.999	106.3E6	160.1E6	48.552	48.931
11)	B alpha-Chl...	6.057	5.064	103.4E6	158.4E6	47.504	48.434
12)	B 4,4'-DDE	6.228	5.252	98515555	153.3E6	48.413	50.054
13)	MA Dieldrin	6.384	5.384	105.4E6	166.9E6	47.720	49.071
14)	MA Endrin	6.613	5.660	85706635	145.0E6	45.887m	48.923
15)	B Endosulfa...	6.832	5.952	89460570	141.9E6	46.199	49.343
16)	A 4,4'-DDD	6.746	5.806	77514678	129.0E6	47.175	49.144
17)	MA 4,4'-DDT	7.061	6.057	78562543	123.3E6	44.114	46.484
18)	B Endrin al...	6.963	6.132	70297673	105.6E6	46.214	46.826
19)	B Endosulfa...	7.197	6.354	86714207	136.4E6	45.669	48.906
20)	A Methoxychlor	7.536	6.632	43507096	67097150	42.270	42.866
21)	B Endrin ke...	7.684	6.861	99606417	158.4E6	47.631	49.094
22)	Mirex	8.161	7.044	74946026	118.1E6	45.439	46.847

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
Data File : PD081076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2024 16:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

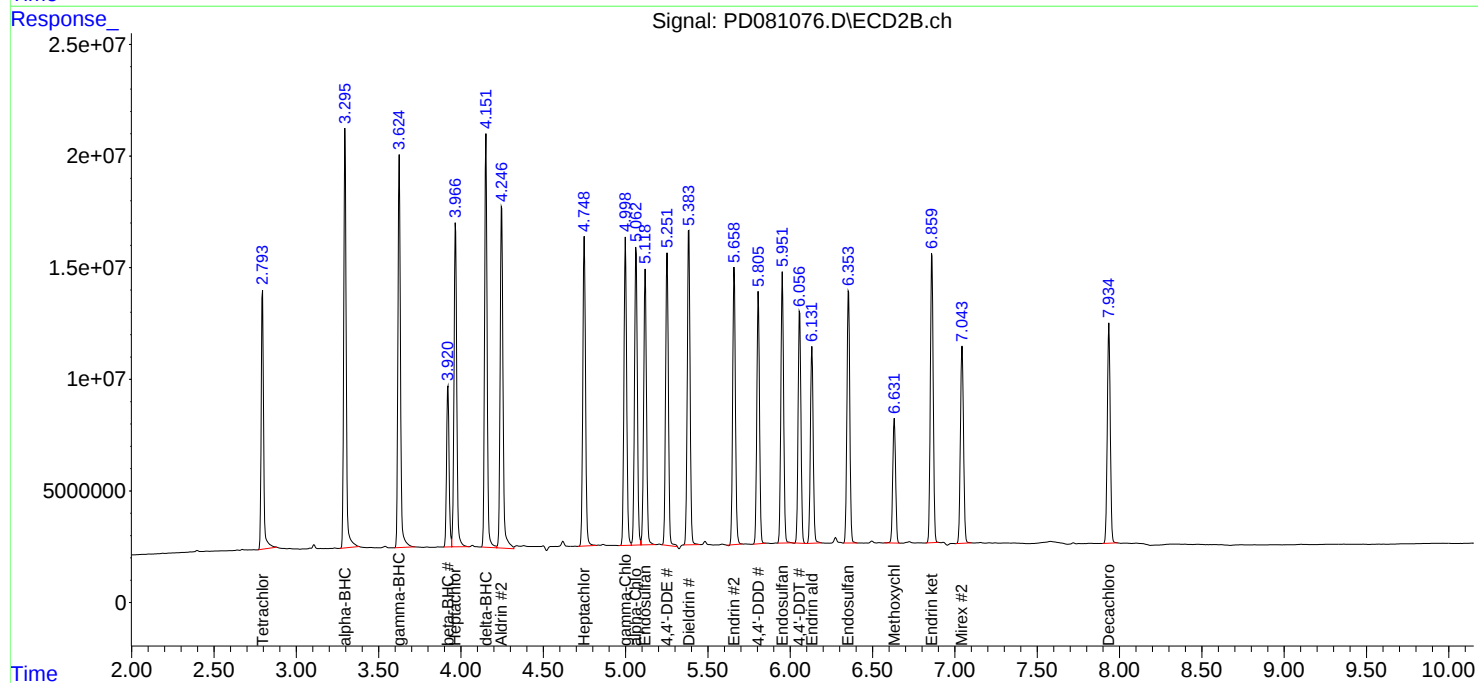
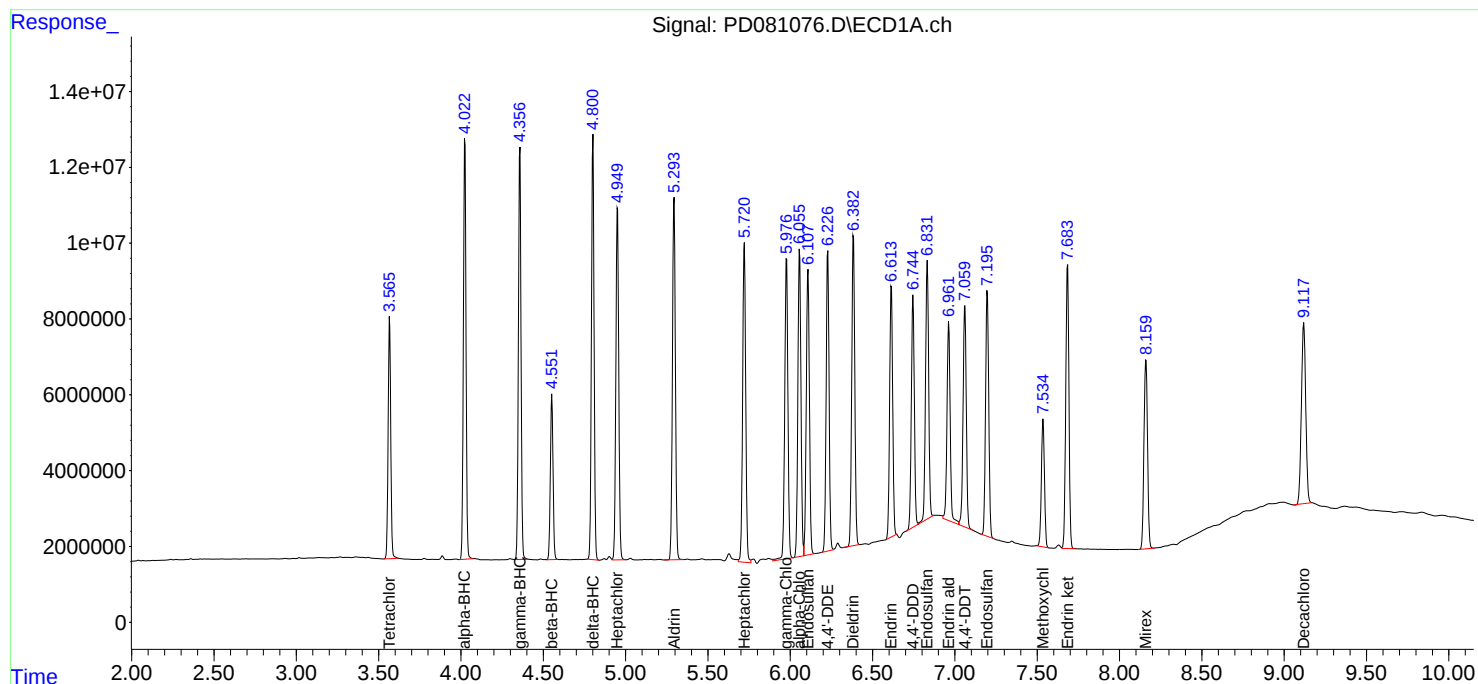
APPROVED

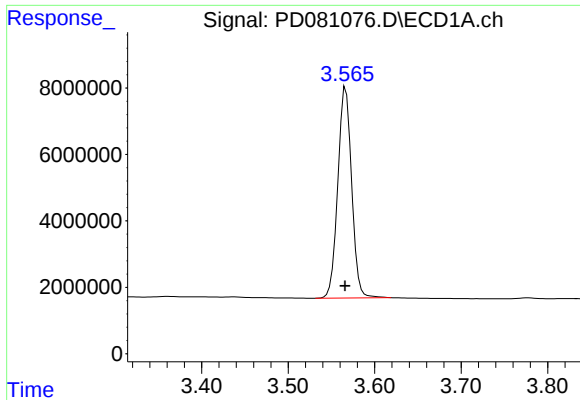
Reviewed By :Abdul Mirza 02/06/2024

Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 21:12:11 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





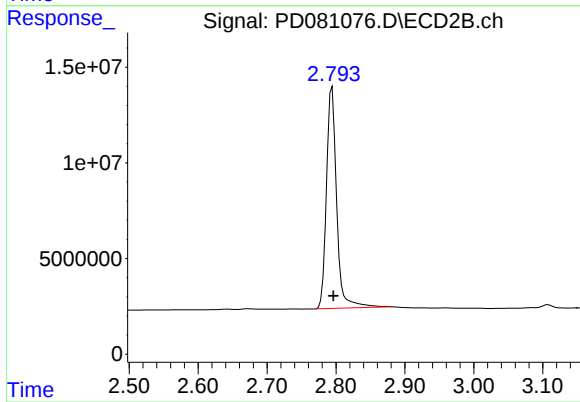
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 70158634
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

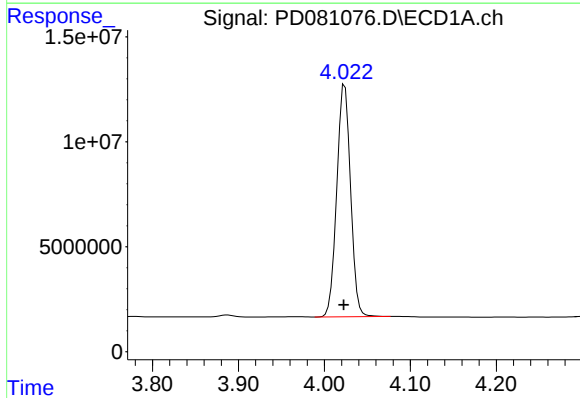
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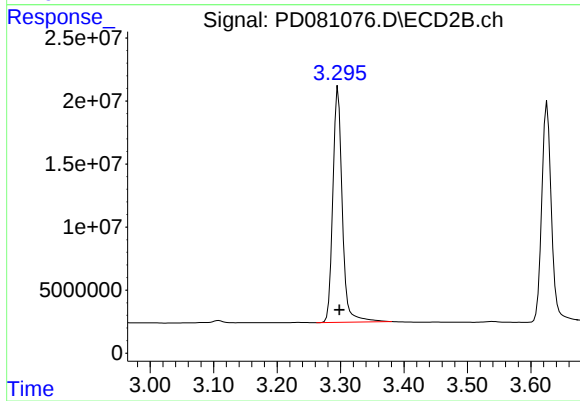
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 119227274
Conc: 49.84 ng/ml



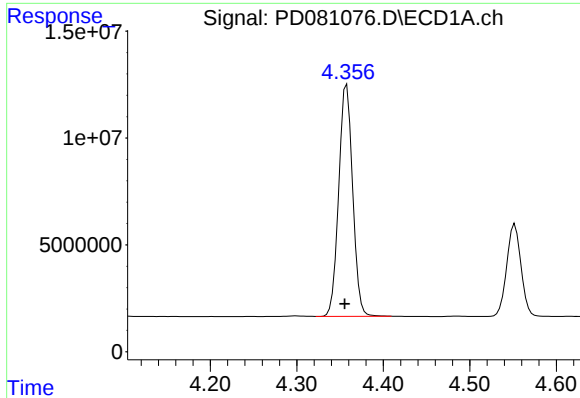
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.001 min
Response: 123218772
Conc: 49.61 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 193144927
Conc: 50.34 ng/ml



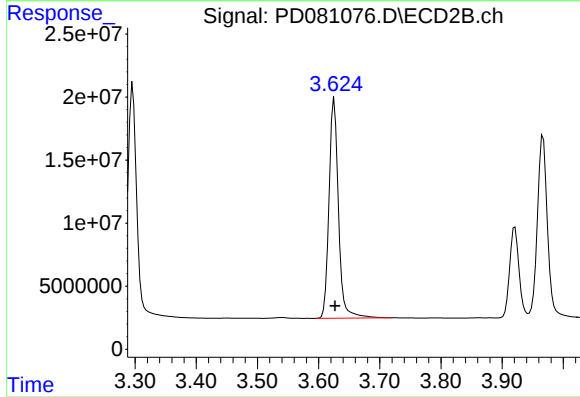
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.002 min
Response: 120425448
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

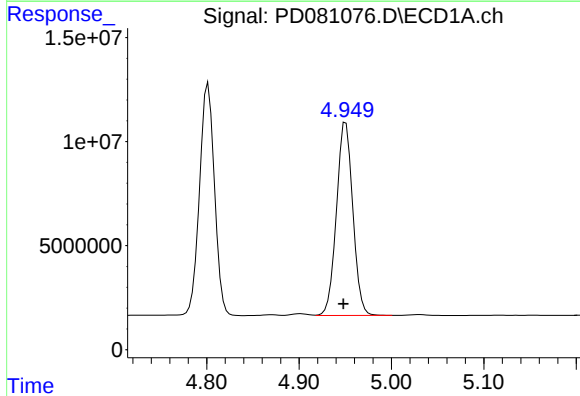
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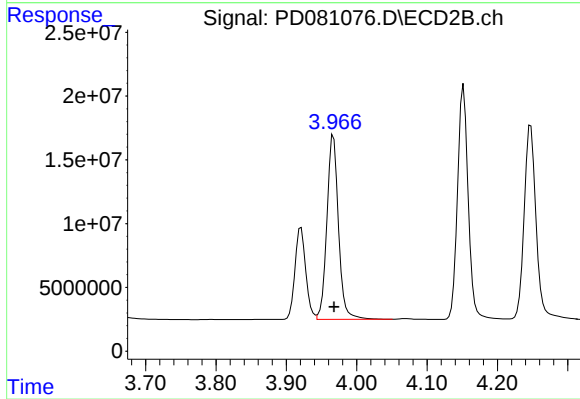
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 187117837
Conc: 50.05 ng/ml



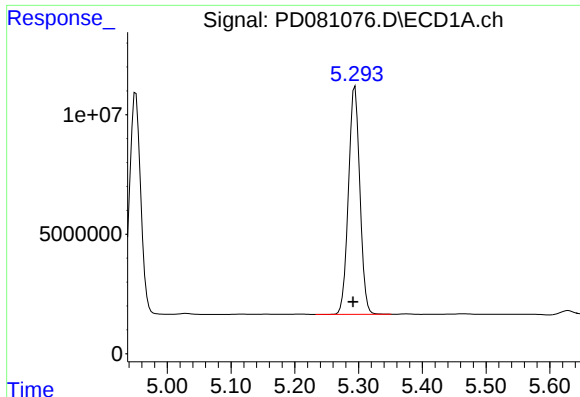
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.003 min
Response: 114046856
Conc: 46.24 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 165474560
Conc: 47.99 ng/ml



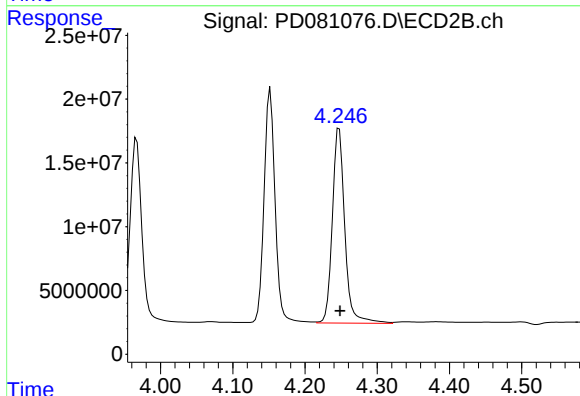
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.003 min
Response: 118623286
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

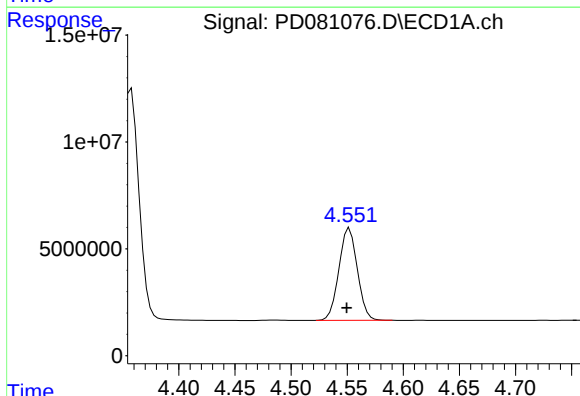
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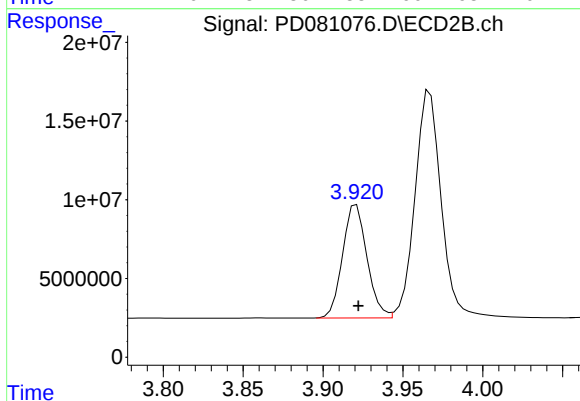
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 183876821
Conc: 50.49 ng/ml



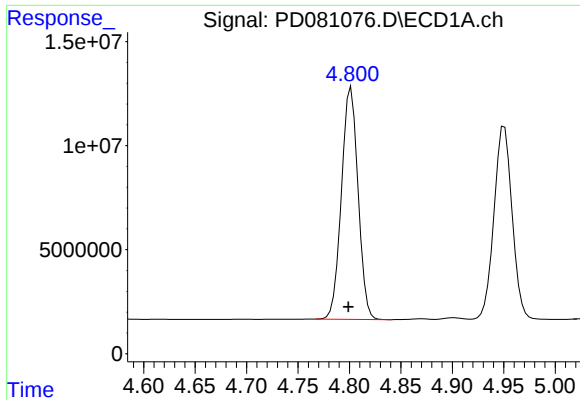
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 49433191
Conc: 48.85 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 76583460
Conc: 49.01 ng/ml



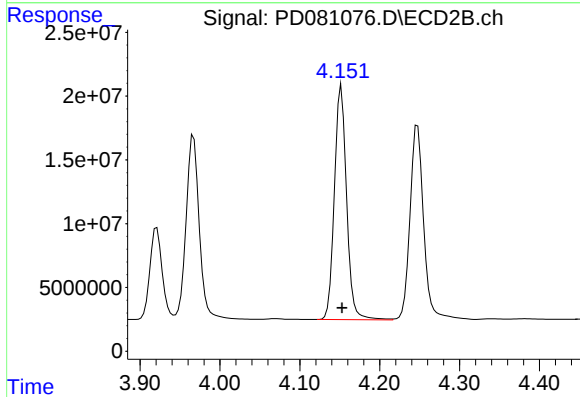
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.003 min
Response: 125258464
Conc: 49.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

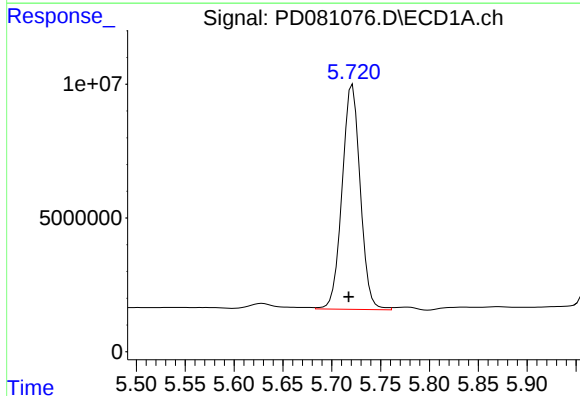
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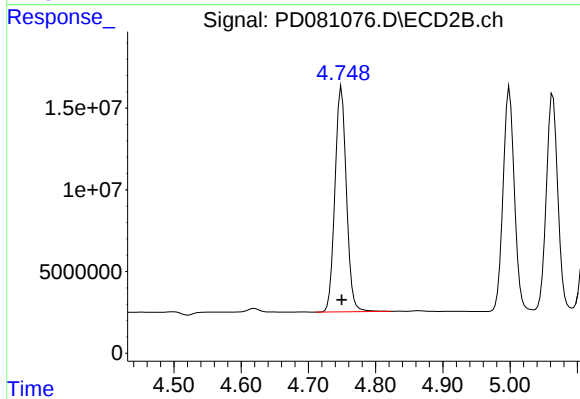
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.001 min
Response: 194730607
Conc: 51.89 ng/ml



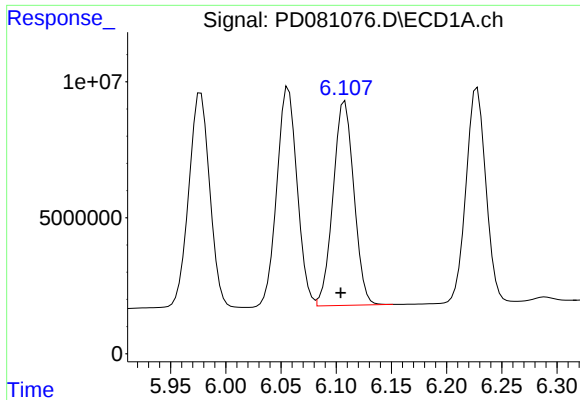
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.004 min
Response: 108741641
Conc: 48.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 161733325
Conc: 48.29 ng/ml



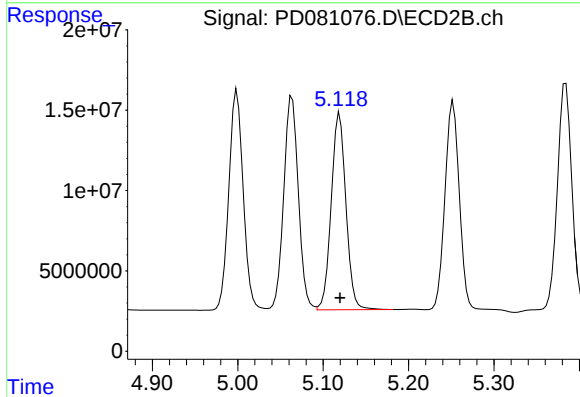
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.004 min
Response: 98573559
Conc: 47.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

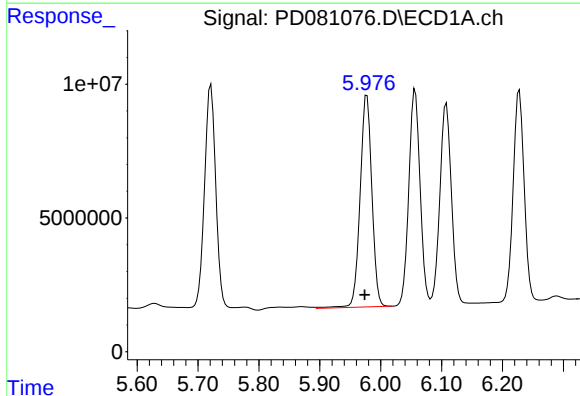
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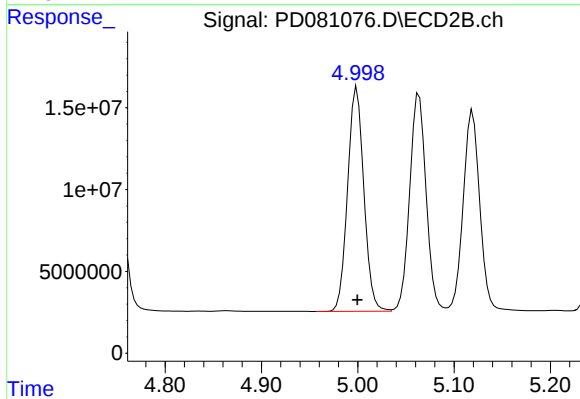
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 146708215
Conc: 47.90 ng/ml



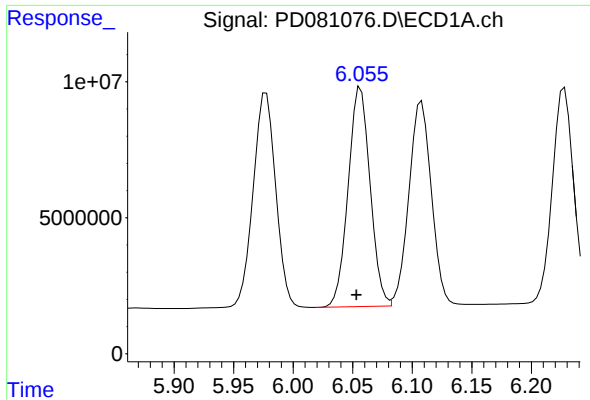
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.004 min
Response: 106285398
Conc: 48.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 160054157
Conc: 48.93 ng/ml



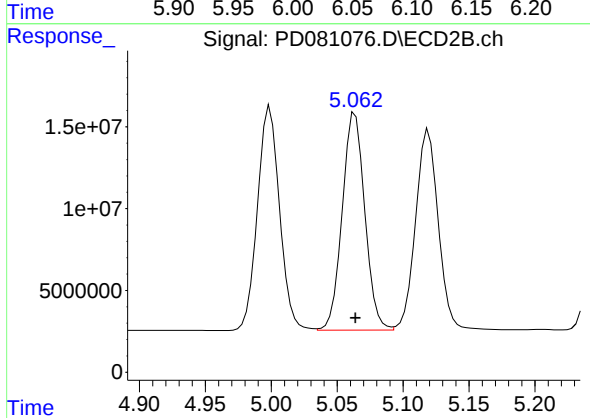
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.004 min
Response: 103435388
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

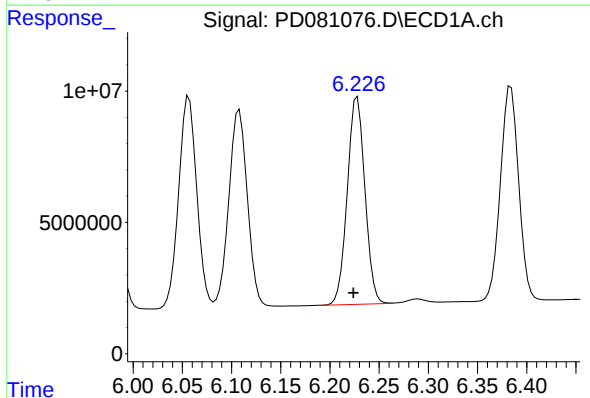
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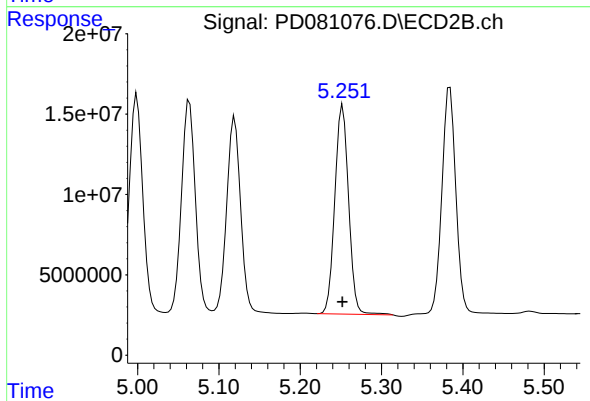
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 158357722
Conc: 48.43 ng/ml



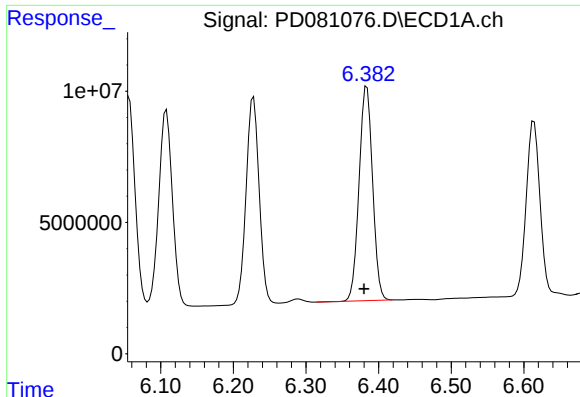
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.004 min
Response: 98515555
Conc: 48.41 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 153329122
Conc: 50.05 ng/ml



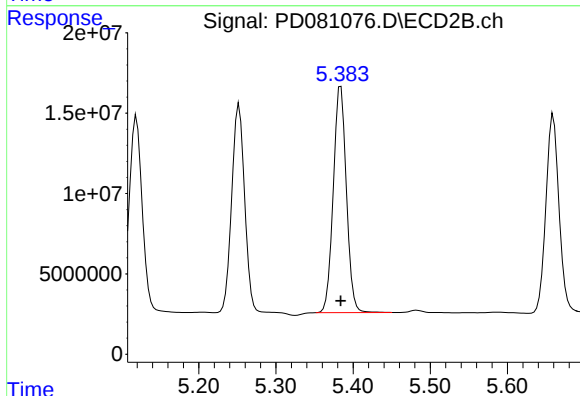
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 105447610
Conc: 47.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

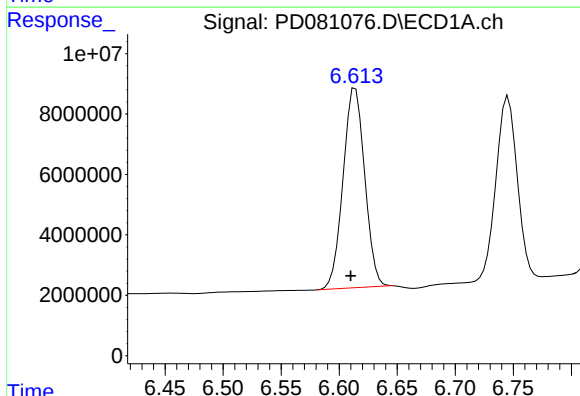
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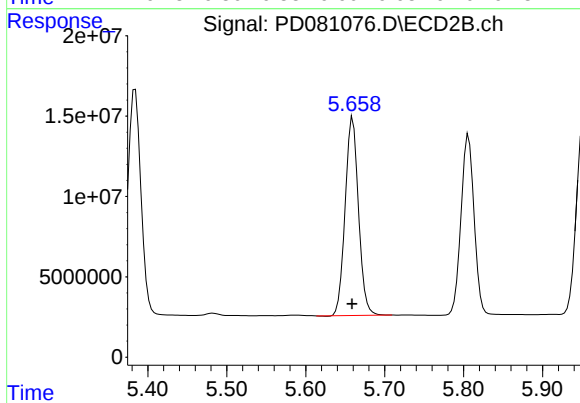
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 166879087
Conc: 49.07 ng/ml



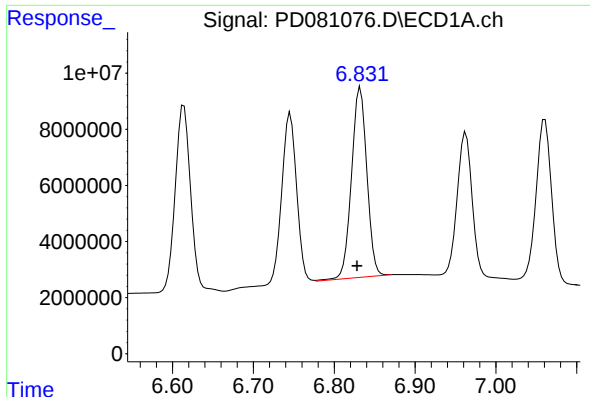
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.002 min
Response: 85706635
Conc: 45.89 ng/ml m



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 144977123
Conc: 48.92 ng/ml



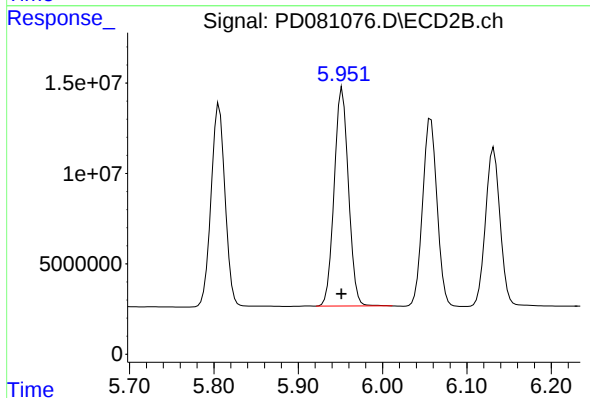
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.004 min
Response: 89460570
Conc: 46.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

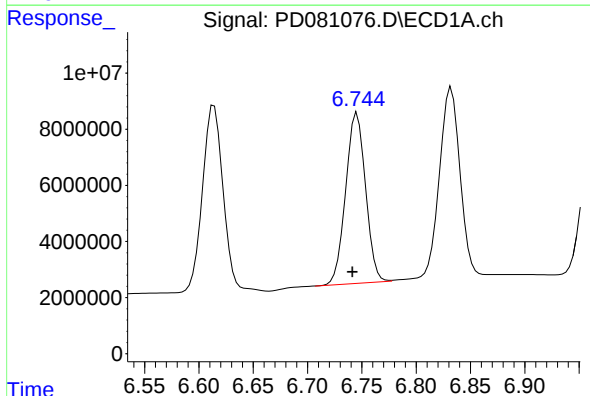
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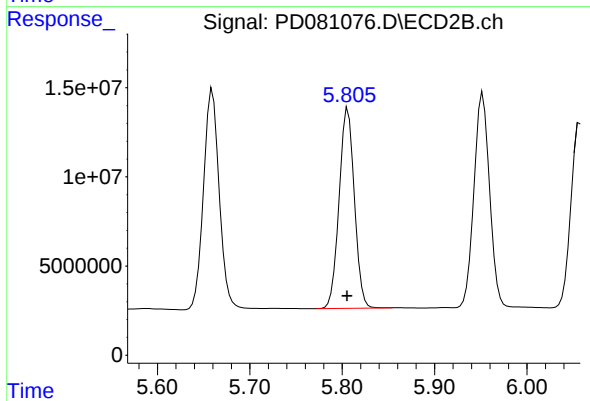
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 141905867
Conc: 49.34 ng/ml



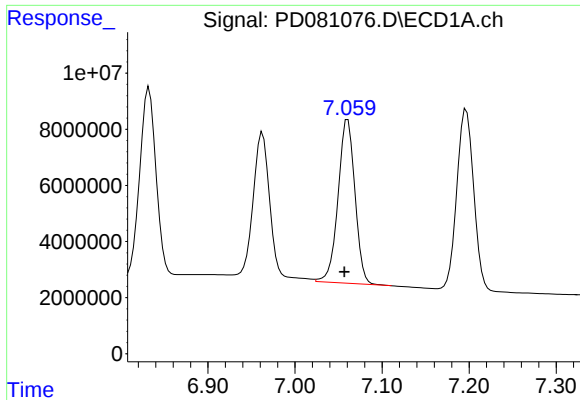
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.004 min
Response: 77514678
Conc: 47.18 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 129015339
Conc: 49.14 ng/ml



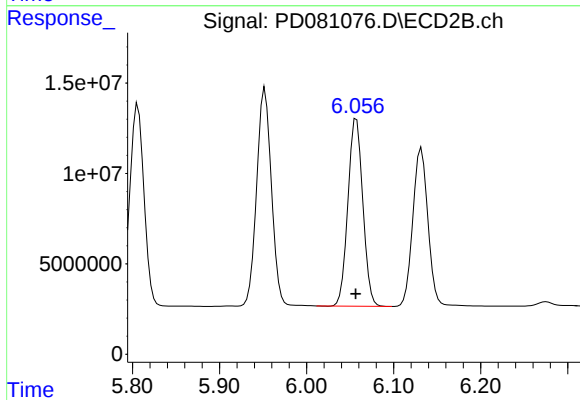
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.004 min
Response: 78562543
Conc: 44.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

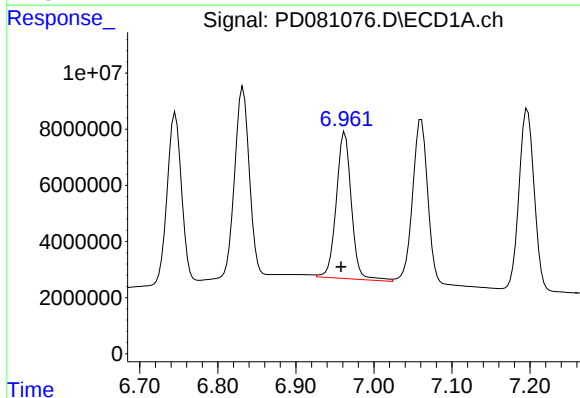
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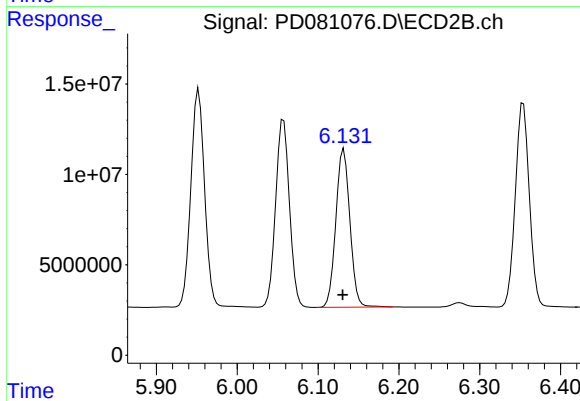
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 123324871
Conc: 46.48 ng/ml



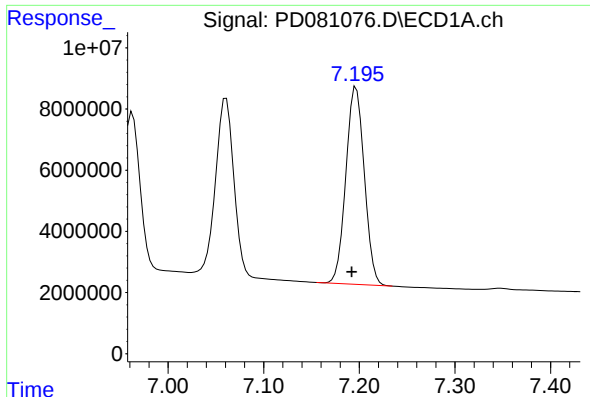
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.005 min
Response: 70297673
Conc: 46.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 105575668
Conc: 46.83 ng/ml



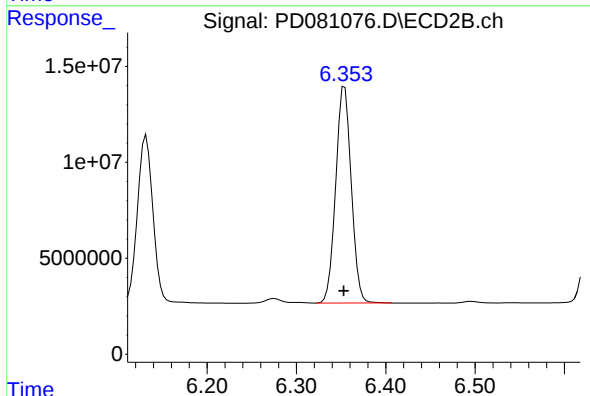
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 86714207
Conc: 45.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

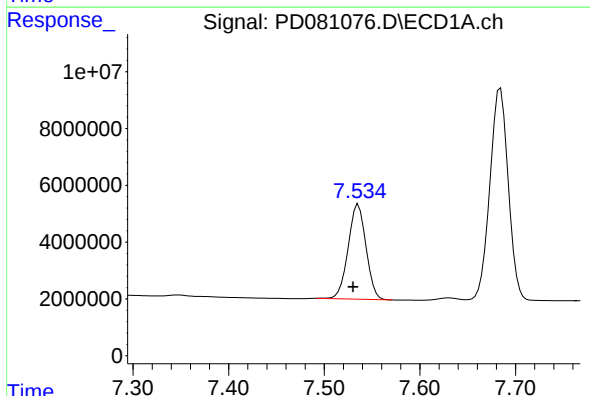
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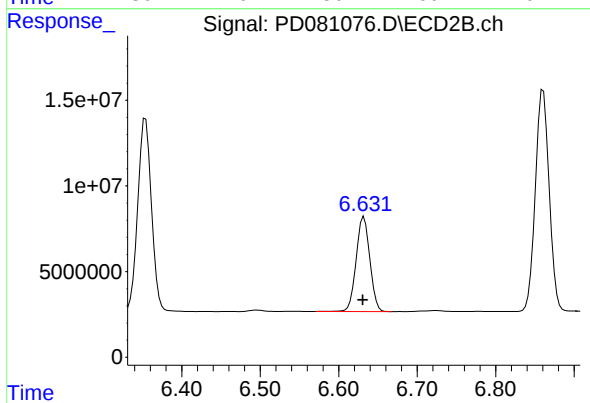
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.001 min
Response: 136417373
Conc: 48.91 ng/ml



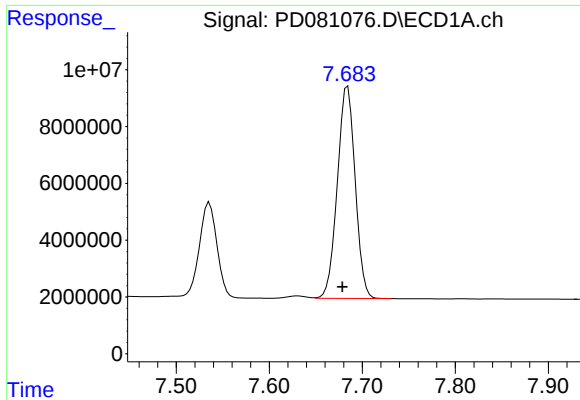
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.006 min
Response: 43507096
Conc: 42.27 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 67097150
Conc: 42.87 ng/ml



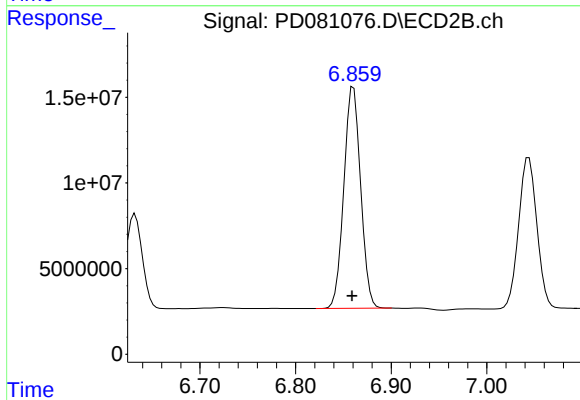
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.006 min
Response: 99606417
Conc: 47.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

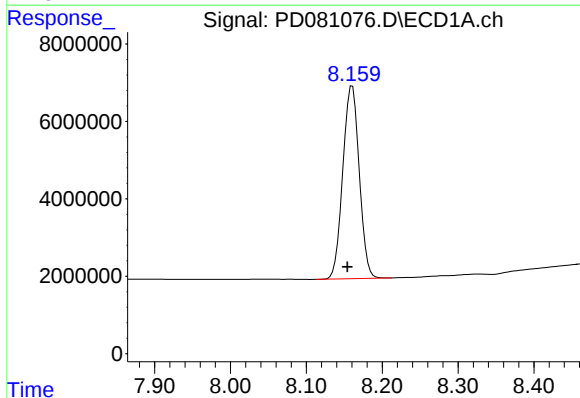
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2024
Supervised By :Ankita Jodhani 02/06/2024



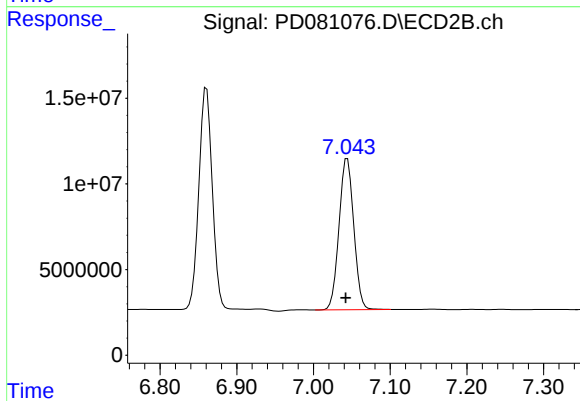
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: 0.002 min
Response: 158426437
Conc: 49.09 ng/ml



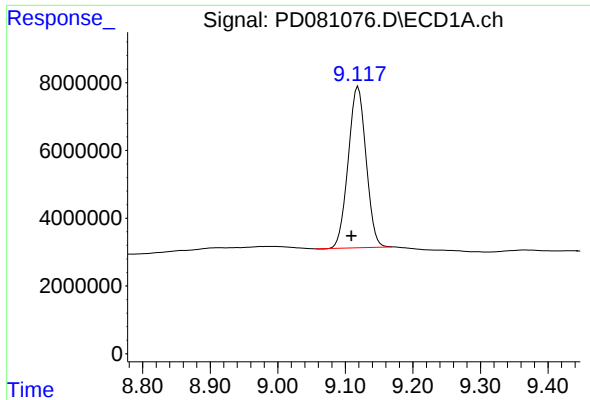
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.006 min
Response: 74946026
Conc: 45.44 ng/ml



#22 Mirex

R.T.: 7.044 min
Delta R.T.: 0.002 min
Response: 118051827
Conc: 46.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.010 min
Response: 87002519
Conc: 43.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

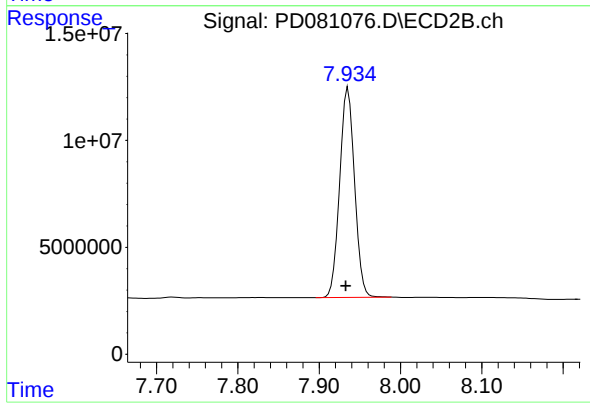
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.003 min
Response: 124599058
Conc: 46.78 ng/ml