

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 09:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/07/2023
 Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:24:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.552	2.764	155.2E6	77449572	47.367	48.755
28)	SA Decachlor...	9.095	7.911	163.6E6	68245077	46.011	54.226
Target Compounds							
2)	A alpha-BHC	4.010	3.266	282.6E6	117.7E6	48.791	48.839
3)	MA gamma-BHC...	4.343	3.596	255.4E6	107.7E6	48.788	48.389
4)	MA Heptachlor	4.934	3.936	261.4E6	106.3E6	47.524	46.810
5)	MB Aldrin	5.277	4.217	253.4E6	104.9E6	47.401	47.334
6)	B beta-BHC	4.540	3.893	101.2E6	43824110	48.295	49.279
7)	B delta-BHC	4.788	4.123	257.8E6	105.8E6	50.153	50.312
8)	B Heptachlo...	5.704	4.719	227.1E6	94035458	47.131	47.035
9)	A Endosulfan I	6.091	5.090	212.9E6	88273453	47.718	47.138
10)	B gamma-Chl...	5.961	4.970	236.7E6	95037282	48.678	47.729
11)	B alpha-Chl...	6.040	5.034	228.9E6	93826616	47.642	47.216
12)	B 4,4'-DDE	6.213	5.223	209.3E6	83341963	49.302	54.222
13)	MA Dieldrin	6.367	5.355	223.9E6	94071110	47.869	47.759
14)	MA Endrin	6.598	5.631	182.6E6	82077101	45.867	46.500
15)	B Endosulfa...	6.817	5.925	177.7E6	75669818	47.842	48.766
16)	A 4,4'-DDD	6.731	5.778	170.9E6	68887682	50.882	56.998
17)	MA 4,4'-DDT	7.046	6.030	171.8E6	67526075	48.849	55.793
18)	B Endrin al...	6.946	6.105	136.8E6	59236293	49.898m	51.833
19)	B Endosulfa...	7.182	6.328	177.0E6	76923314	47.911	50.627
20)	A Methoxychlor	7.522	6.606	88814126	34582771	46.469	54.153
21)	B Endrin ke...	7.669	6.835	204.4E6	89263739	48.955	51.070
22)	Mirex	8.143	7.016	143.6E6	68889438	45.444	46.476

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

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Data File : PD076363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 09:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

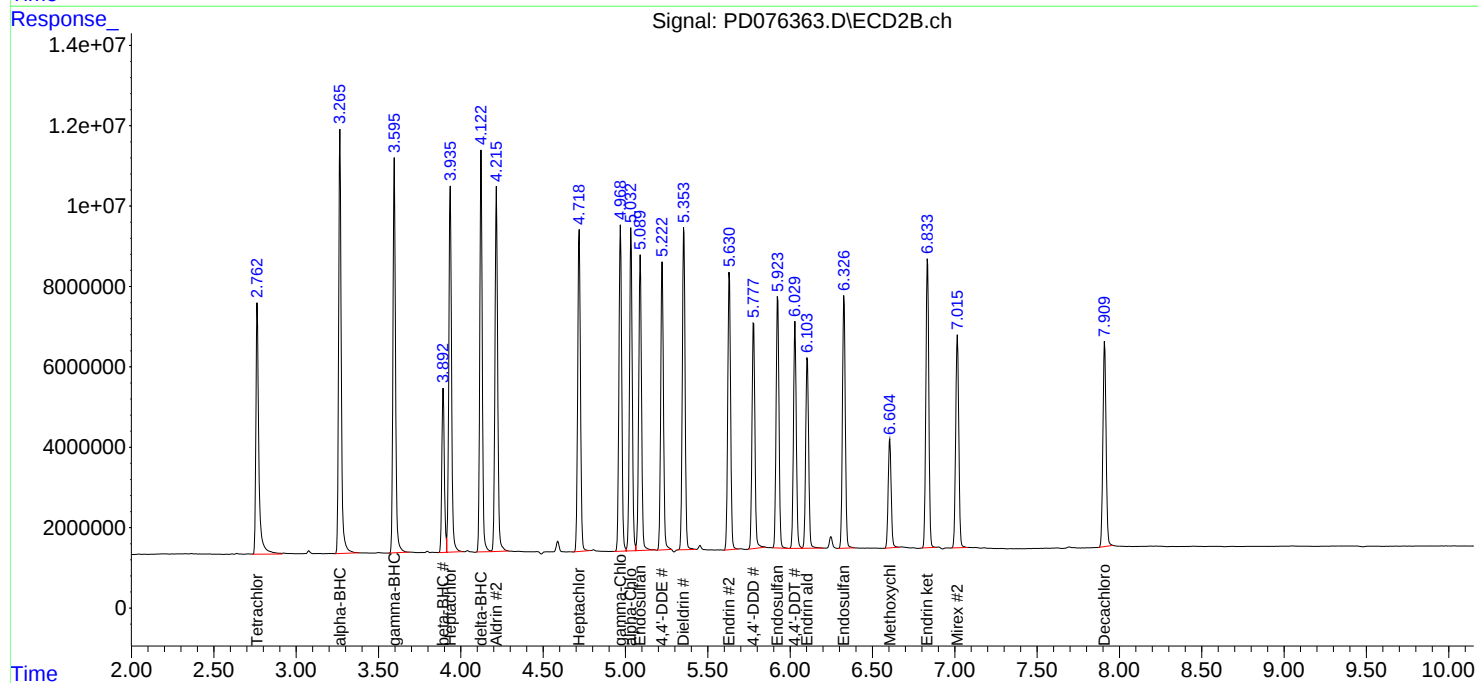
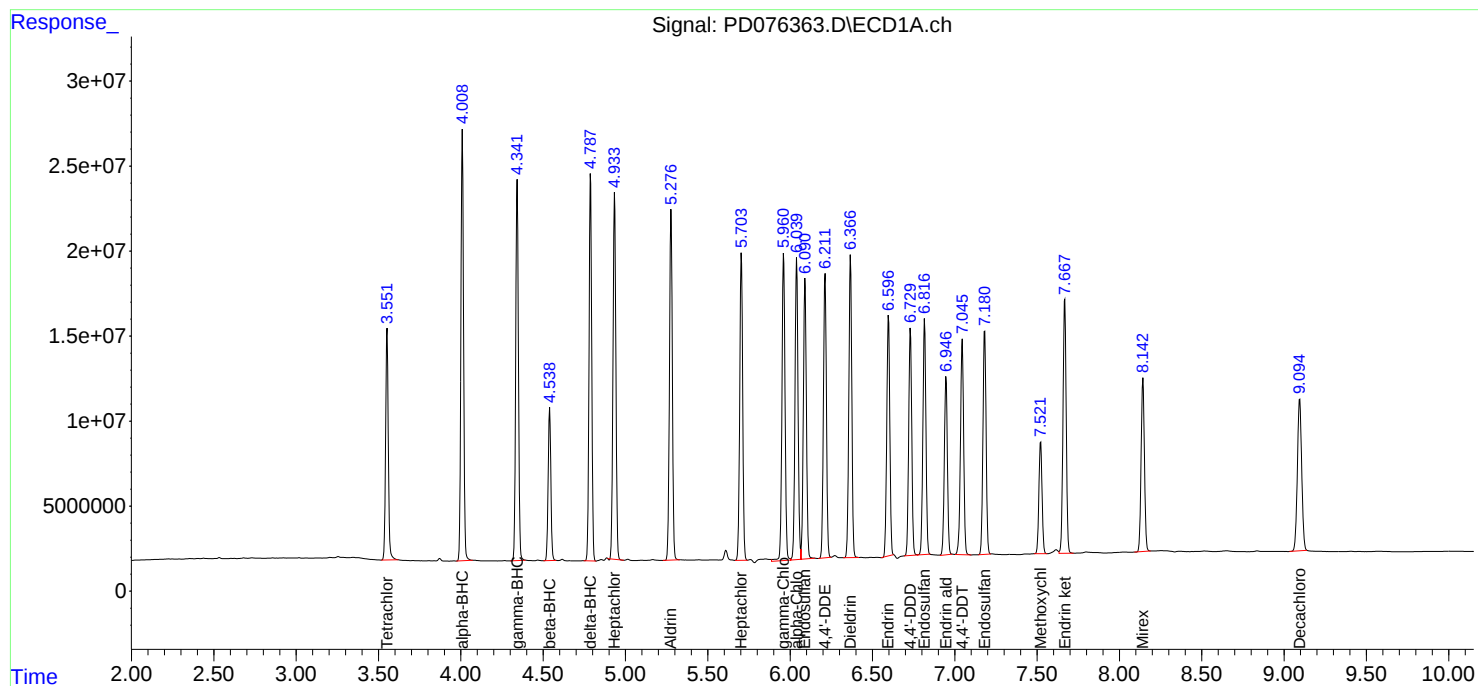
APPROVED

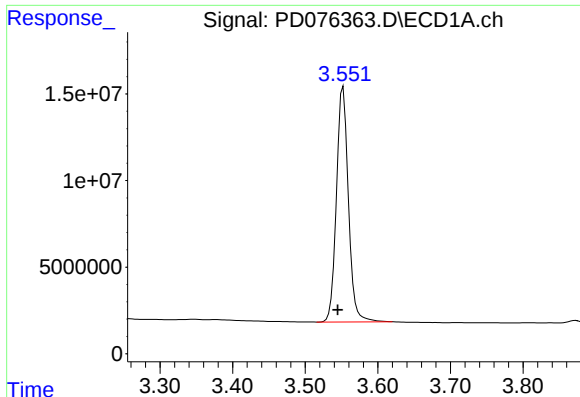
Reviewed By :Abdul Mirza 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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QLast Update : Wed Jul 05 05:21:22 2023
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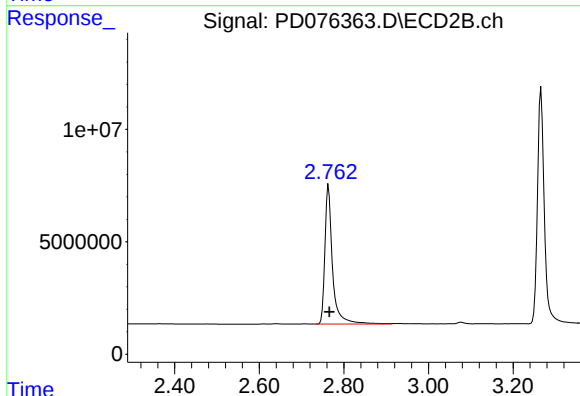
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.007 min
Response: 155191673
Conc: 47.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

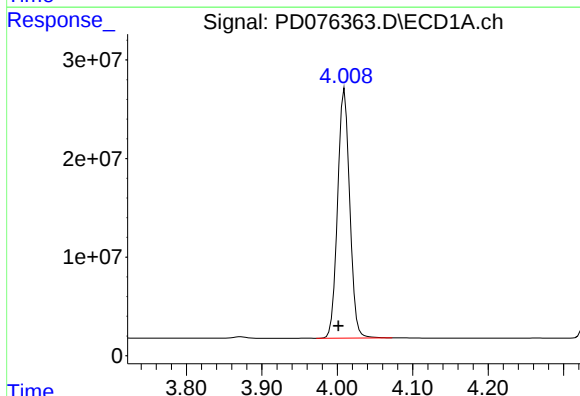
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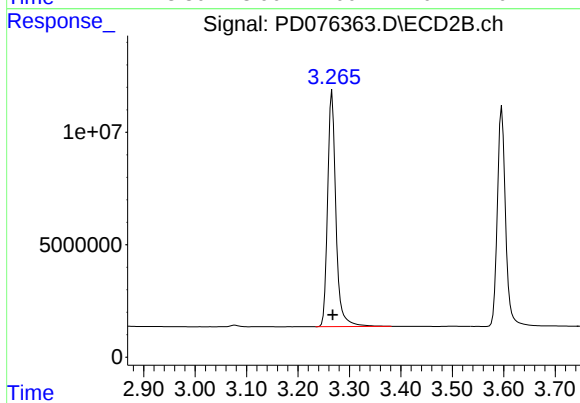
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.001 min
Response: 77449572
Conc: 48.76 ng/ml



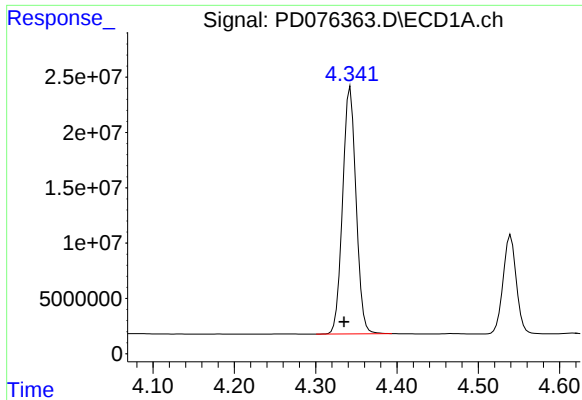
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: 0.008 min
Response: 282594896
Conc: 48.79 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 117673200
Conc: 48.84 ng/ml



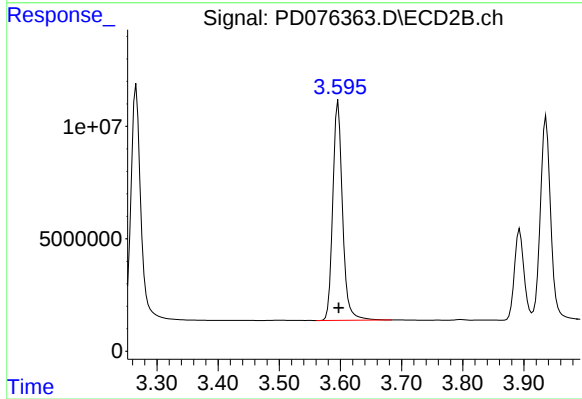
#3 gamma-BHC (Lindane)

R.T.: 4.343 min
Delta R.T.: 0.008 min
Response: 255431871
Conc: 48.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

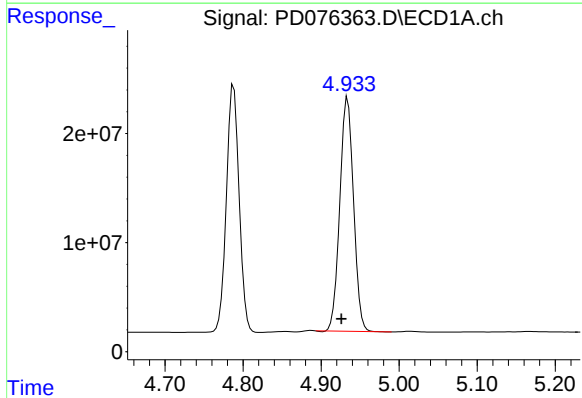
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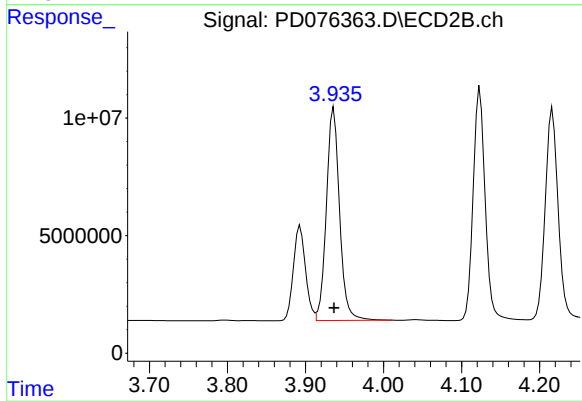
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 107728380
Conc: 48.39 ng/ml



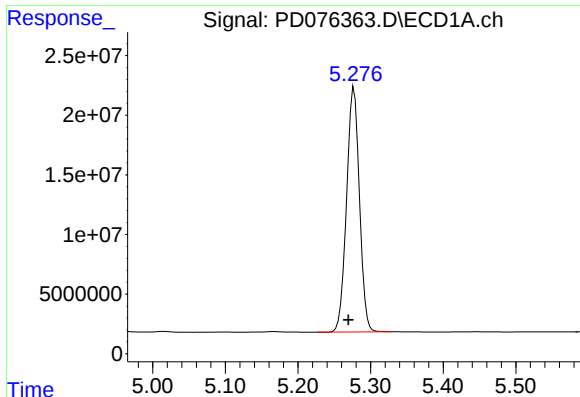
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.008 min
Response: 261386576
Conc: 47.52 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 106327047
Conc: 46.81 ng/ml



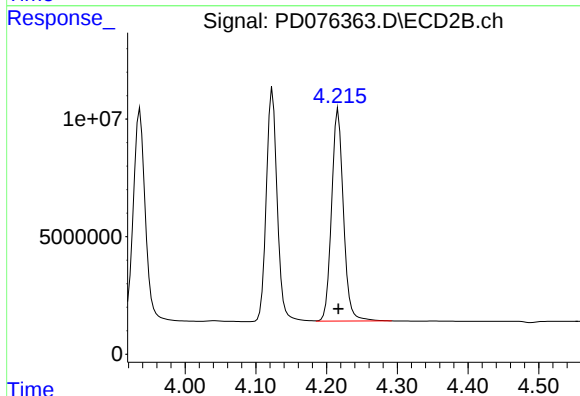
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: 0.008 min
Response: 253423437
Conc: 47.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

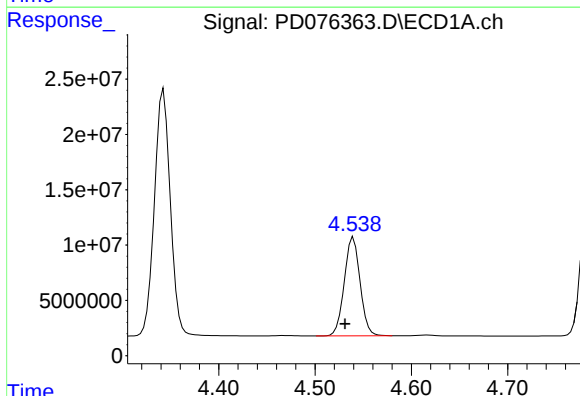
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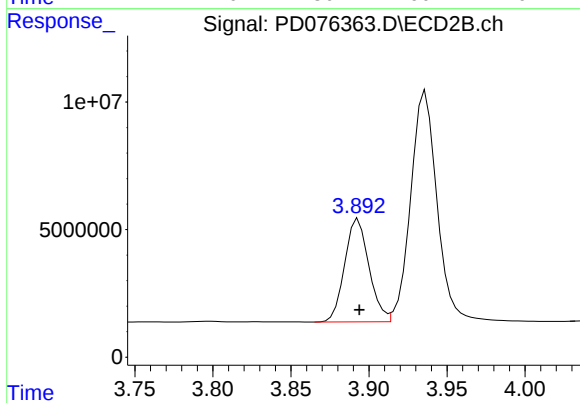
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 104906454
Conc: 47.33 ng/ml



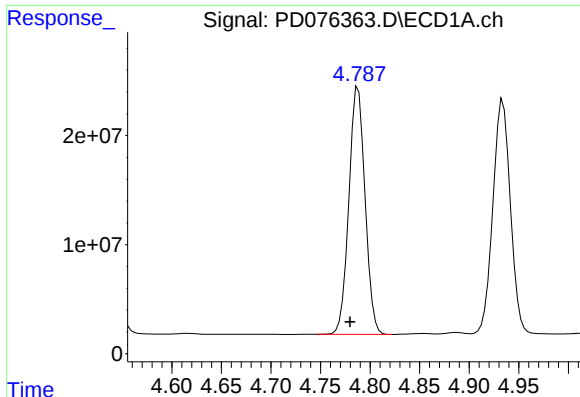
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.009 min
Response: 101228311
Conc: 48.30 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 43824110
Conc: 49.28 ng/ml



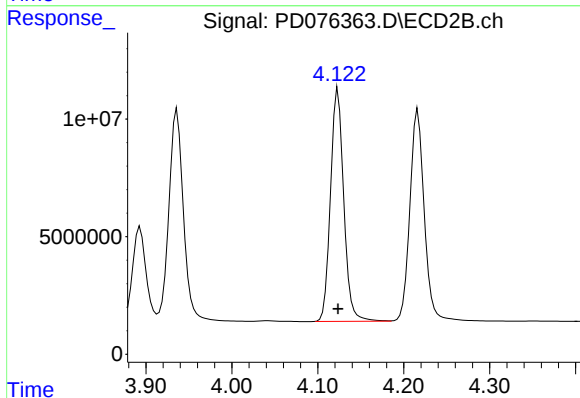
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.008 min
Response: 257775826
Conc: 50.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

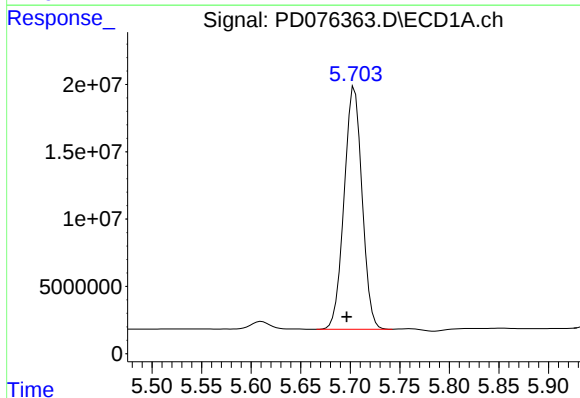
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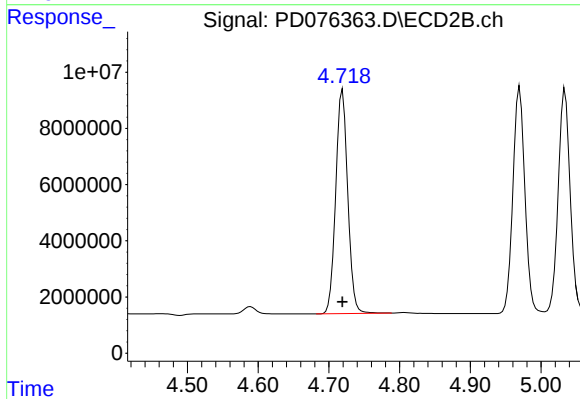
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 105788016
Conc: 50.31 ng/ml



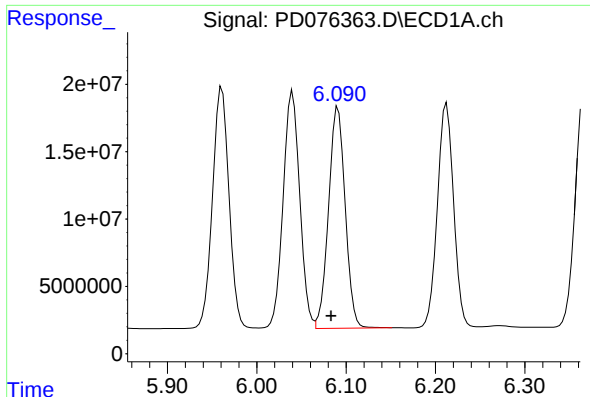
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: 0.008 min
Response: 227090546
Conc: 47.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 94035458
Conc: 47.04 ng/ml



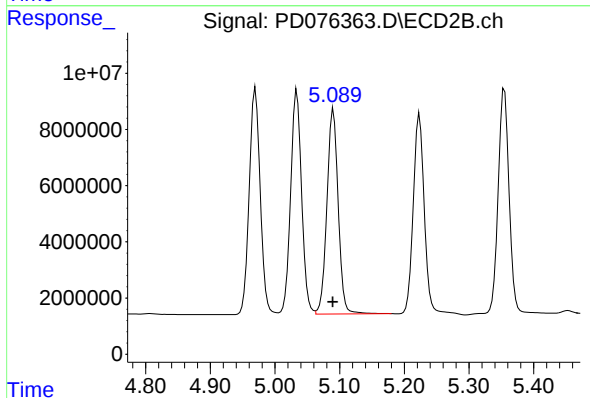
#9 Endosulfan I

R.T.: 6.091 min
Delta R.T.: 0.008 min
Response: 212871088
Conc: 47.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

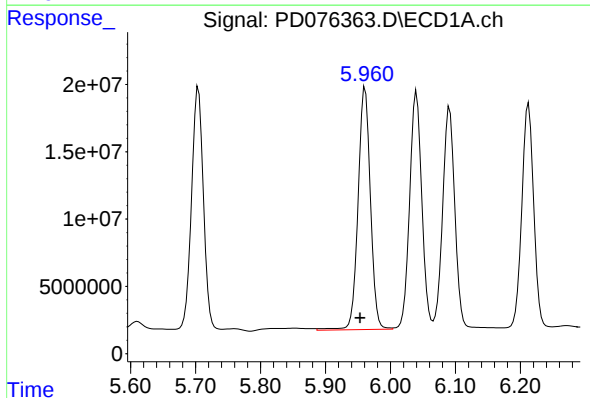
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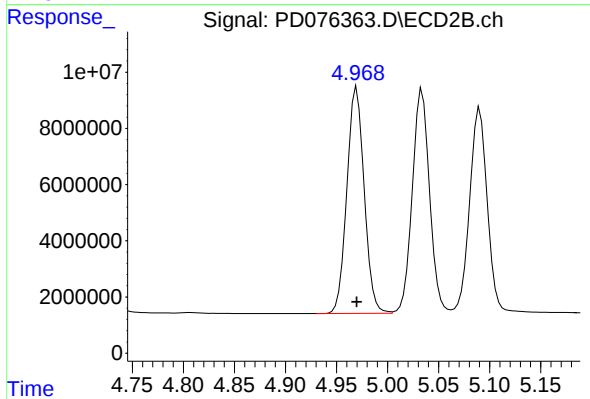
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.001 min
Response: 88273453
Conc: 47.14 ng/ml



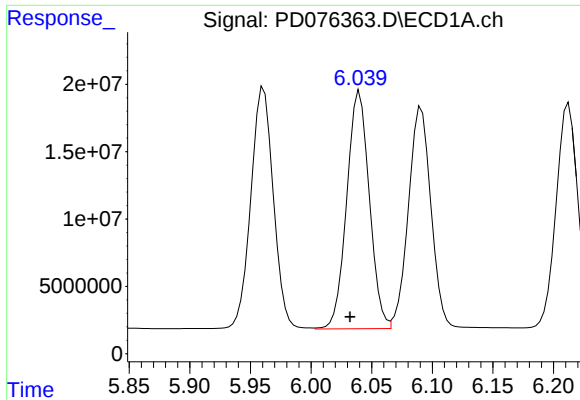
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.008 min
Response: 236723103
Conc: 48.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 95037282
Conc: 47.73 ng/ml



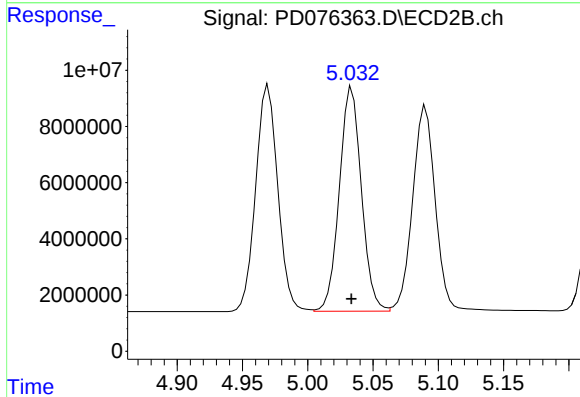
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.008 min
Response: 228883491
Conc: 47.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

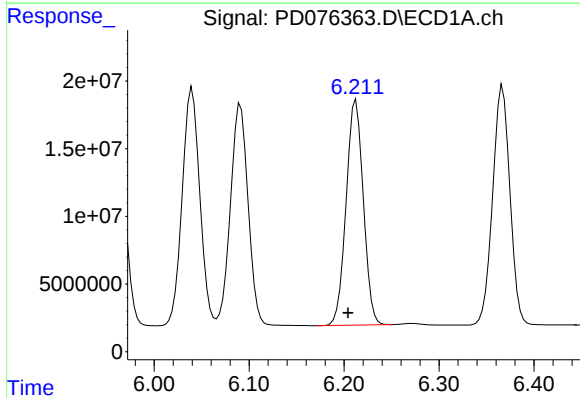
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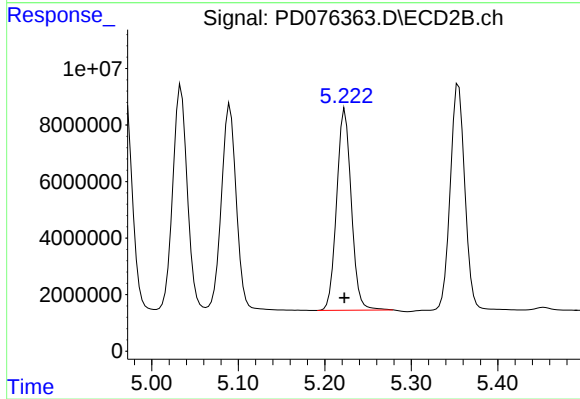
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 93826616
Conc: 47.22 ng/ml



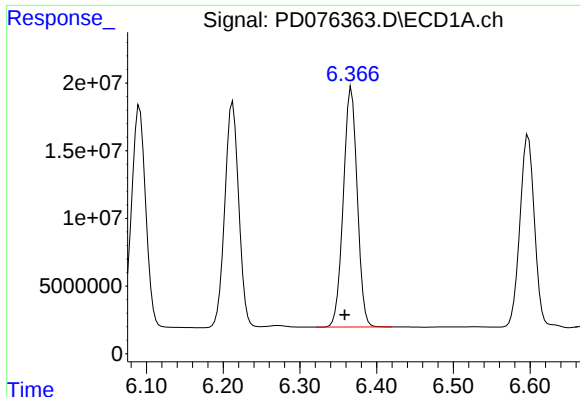
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.008 min
Response: 209276987
Conc: 49.30 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 83341963
Conc: 54.22 ng/ml



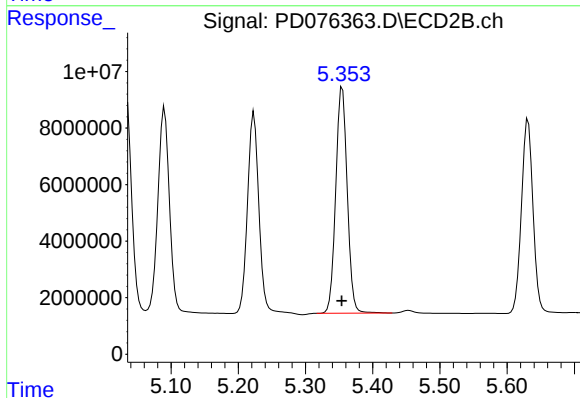
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: 0.008 min
Response: 223933145
Conc: 47.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

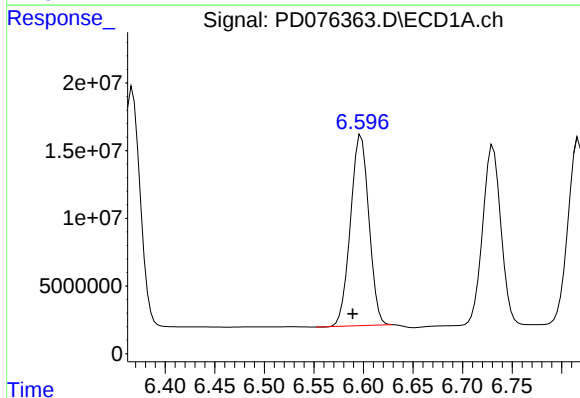
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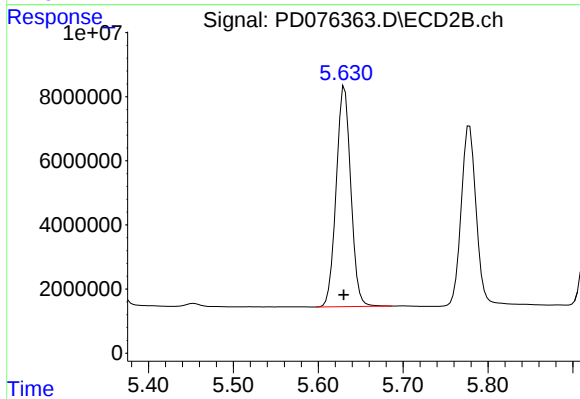
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 94071110
Conc: 47.76 ng/ml



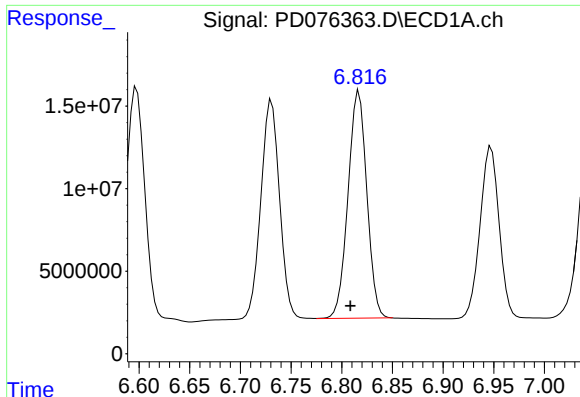
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.009 min
Response: 182611632
Conc: 45.87 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.001 min
Response: 82077101
Conc: 46.50 ng/ml



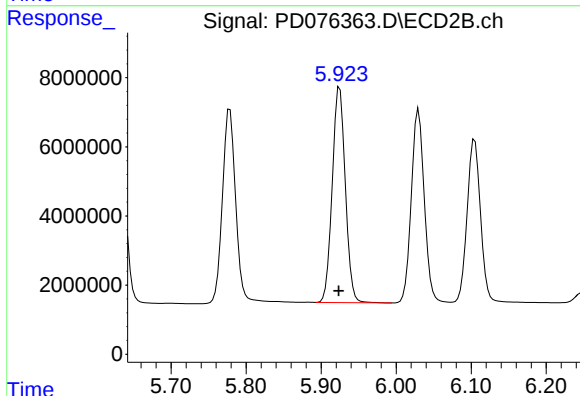
#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: 0.008 min
Response: 177665863
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

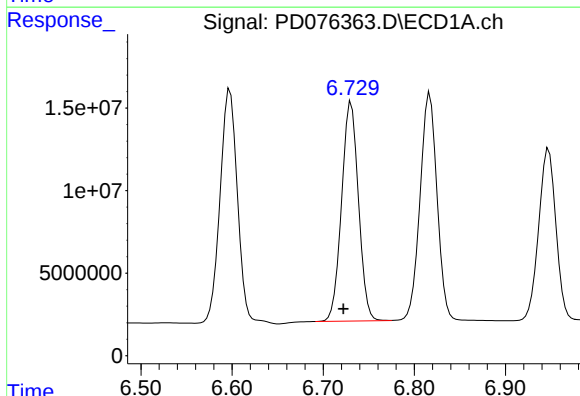
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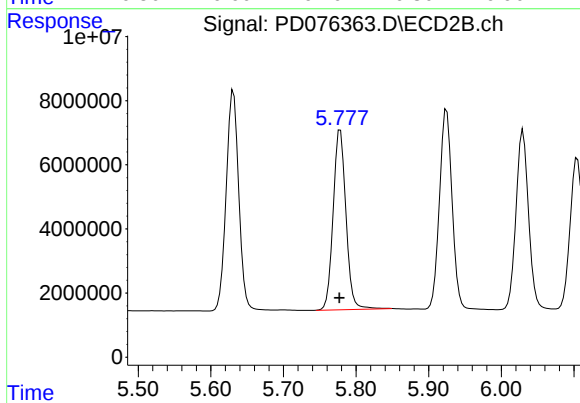
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 75669818
Conc: 48.77 ng/ml



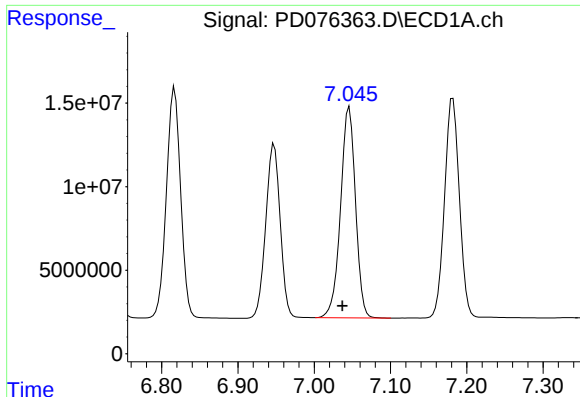
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.009 min
Response: 170943322
Conc: 50.88 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 68887682
Conc: 57.00 ng/ml



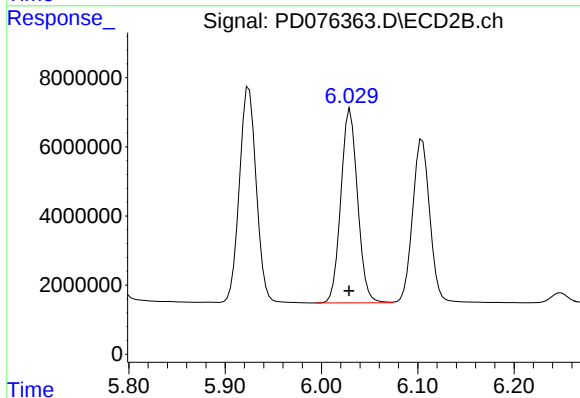
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.009 min
Response: 171753596
Conc: 48.85 ng/ml

Instrument :
ECD_D
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PSTDCCC050

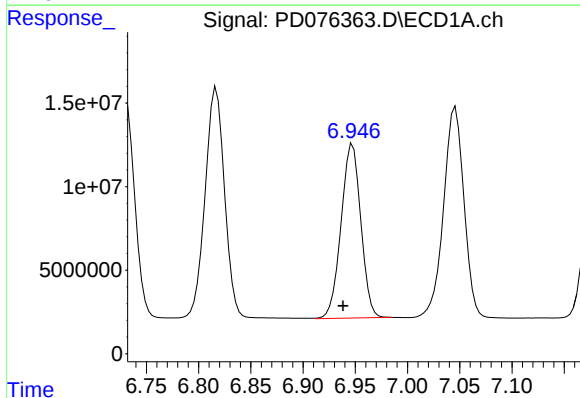
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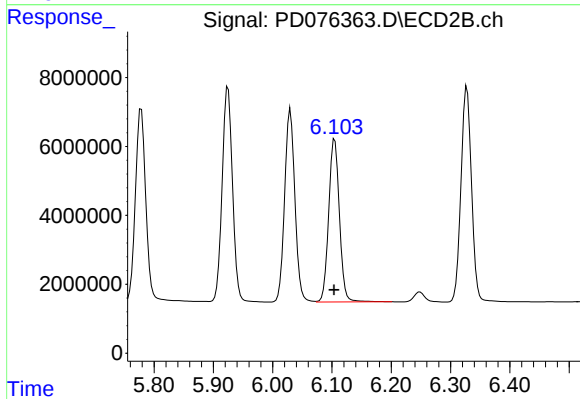
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 67526075
Conc: 55.79 ng/ml



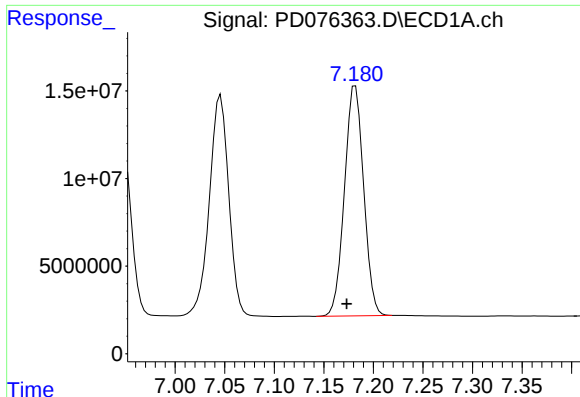
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.008 min
Response: 136764612
Conc: 49.90 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 59236293
Conc: 51.83 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.009 min
Response: 177025649
Conc: 47.91 ng/ml

Instrument :

ECD_D

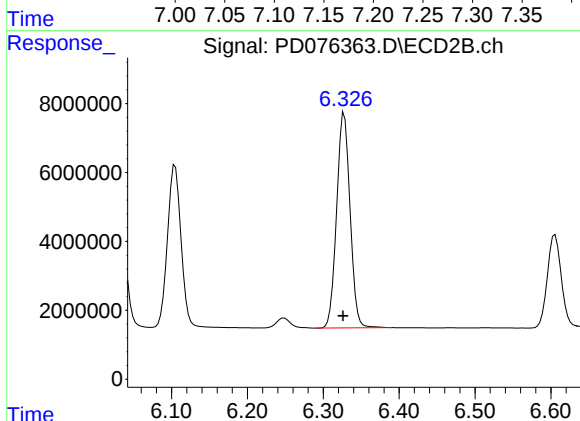
ClientSampleId :

PSTDCCC050

Manual Integrations

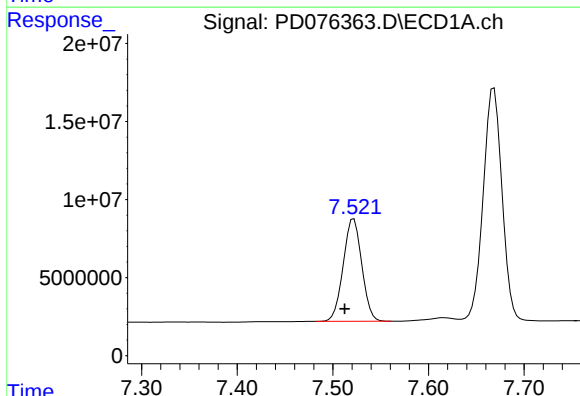
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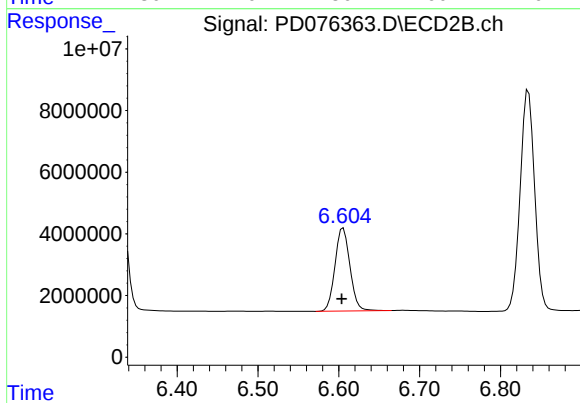
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.002 min
Response: 76923314
Conc: 50.63 ng/ml



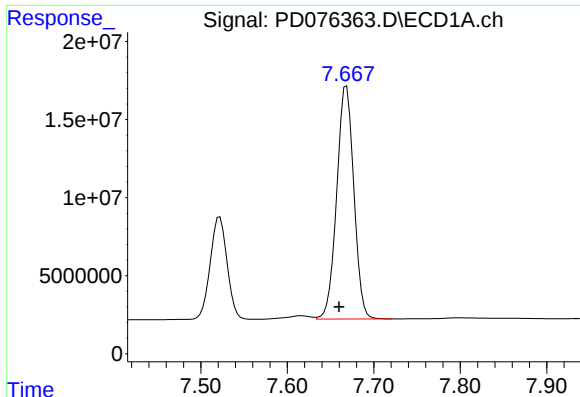
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.010 min
Response: 88814126
Conc: 46.47 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 34582771
Conc: 54.15 ng/ml



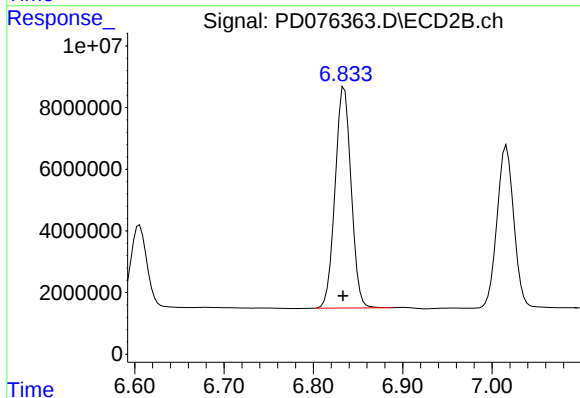
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: 0.009 min
Response: 204375550
Conc: 48.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

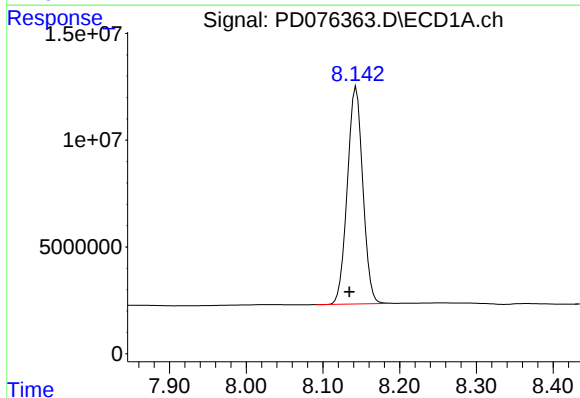
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/07/2023
Supervised By :Ankita Jodhani 07/07/2023



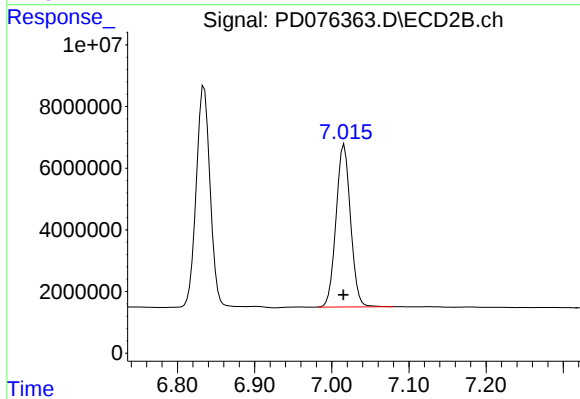
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 89263739
Conc: 51.07 ng/ml



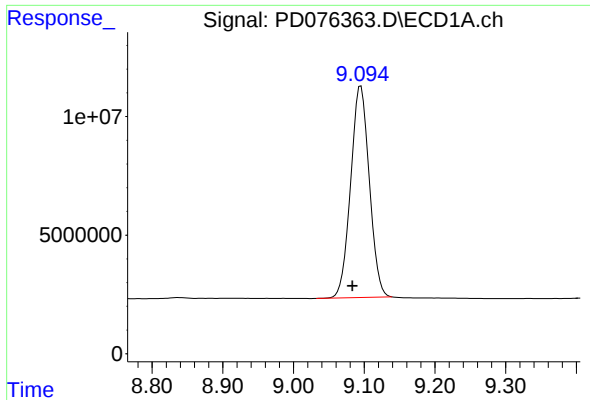
#22 Mirex

R.T.: 8.143 min
Delta R.T.: 0.009 min
Response: 143593847
Conc: 45.44 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.001 min
Response: 68889438
Conc: 46.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.012 min
Response: 163595453
Conc: 46.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

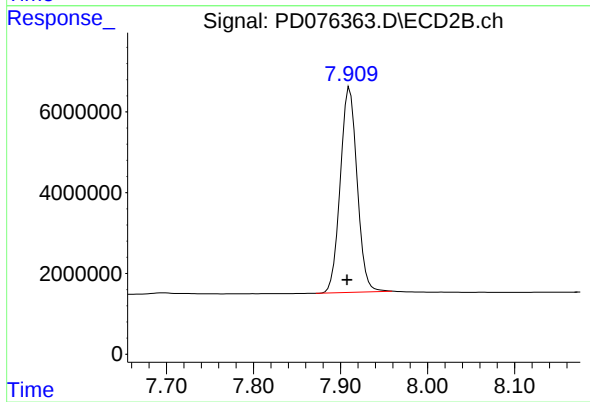
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.003 min
Response: 68245077
Conc: 54.23 ng/ml