

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 10:50
 Operator : AR\AJ
 Sample : PB157001BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB157001BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:02:58 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...	3.575	2.801	28768216	45782557	17.818	19.774
28)	SA Decachlor...	9.125	7.950	41560827	54553836	20.718	22.381
Target Compounds							
2)	A alpha-BHC	4.032	3.304	125.5E6	182.4E6	47.133	52.618
3)	MA gamma-BHC...	4.366	3.634	122.0E6	178.3E6	46.951	52.506
4)	MA Heptachlor	4.959	3.977	121.8E6	167.0E6	45.545	54.688
5)	MB Aldrin	5.303	4.258	122.4E6	173.4E6	47.491	53.015
6)	B beta-BHC	4.558	3.929	48455916	70552498	45.219	50.069
7)	B delta-BHC	4.809	4.161	122.5E6	176.5E6	45.756	52.720
8)	B Heptachlo...	5.728	4.760	112.4E6	159.0E6	47.976	53.643
9)	A Endosulfan I	6.116	5.129	104.3E6	143.3E6	48.115	54.105m
10)	B gamma-Chl...	5.985	5.010	110.0E6	154.9E6	47.960	53.971m
11)	B alpha-Chl...	6.065	5.074	109.1E6	152.1E6	47.827	53.013m
12)	B 4,4'-DDE	6.235	5.264	102.9E6	146.9E6	48.719	55.158
13)	MA Dieldrin	6.390	5.396	113.5E6	162.2E6	48.718m	54.613
14)	MA Endrin	6.621	5.671	90718997	139.4E6	46.580	54.484
15)	B Endosulfa...	6.839	5.963	96894609	137.8E6	47.506	55.179
16)	A 4,4'-DDD	6.752	5.818	86360049	127.5E6	49.126	55.822
17)	MA 4,4'-DDT	7.067	6.070	90057100	126.0E6	47.557	55.024
18)	B Endrin al...	6.969	6.143	77828742	110.2E6	50.397	59.279
19)	B Endosulfa...	7.203	6.365	94827019	130.8E6	47.696	56.016
20)	A Methoxychlor	7.541	6.645	49511724	70418827	45.184	51.869
21)	B Endrin ke...	7.690	6.872	108.1E6	159.2E6	49.588	56.953
22)	Mirex	8.166	7.057	93568813	135.6E6	55.279	63.459

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079597.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 10:50
Operator : AR\AJ
Sample : PB157001BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

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PB157001BS

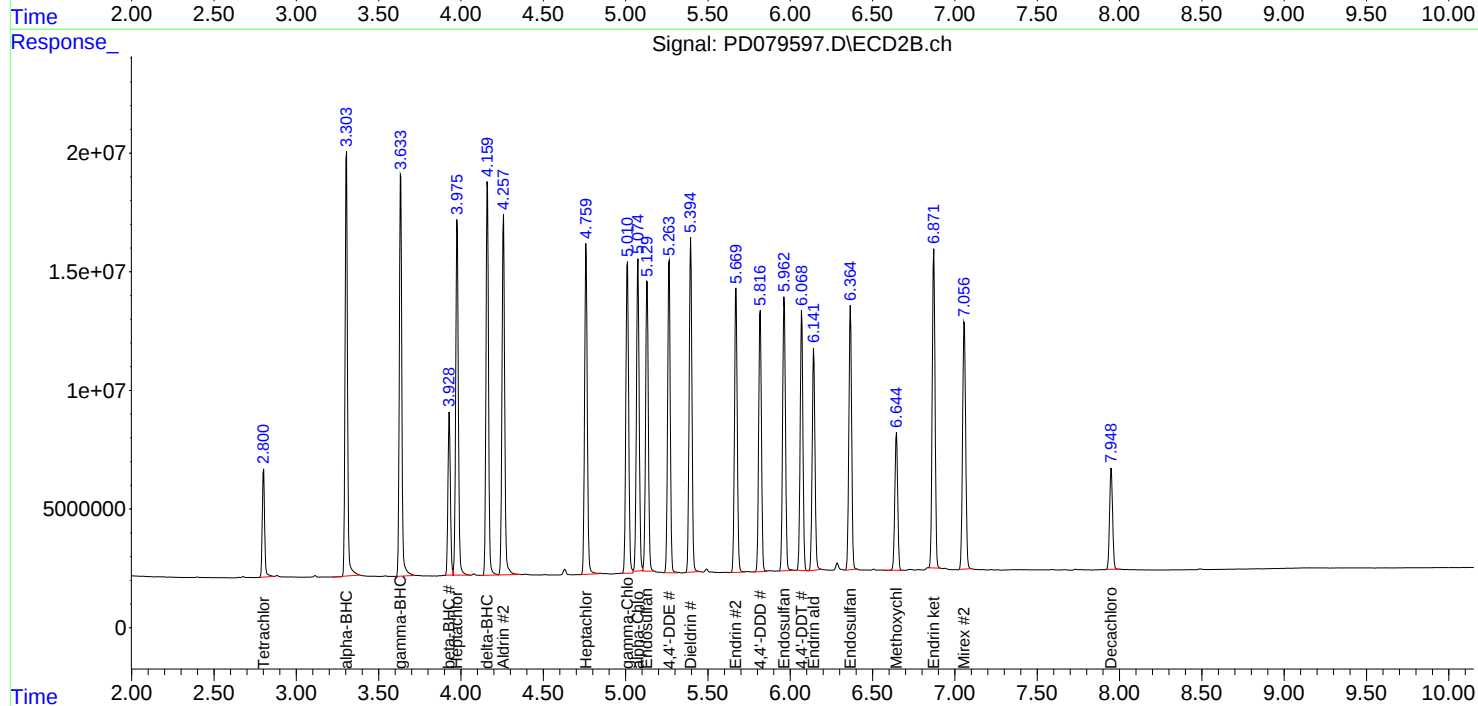
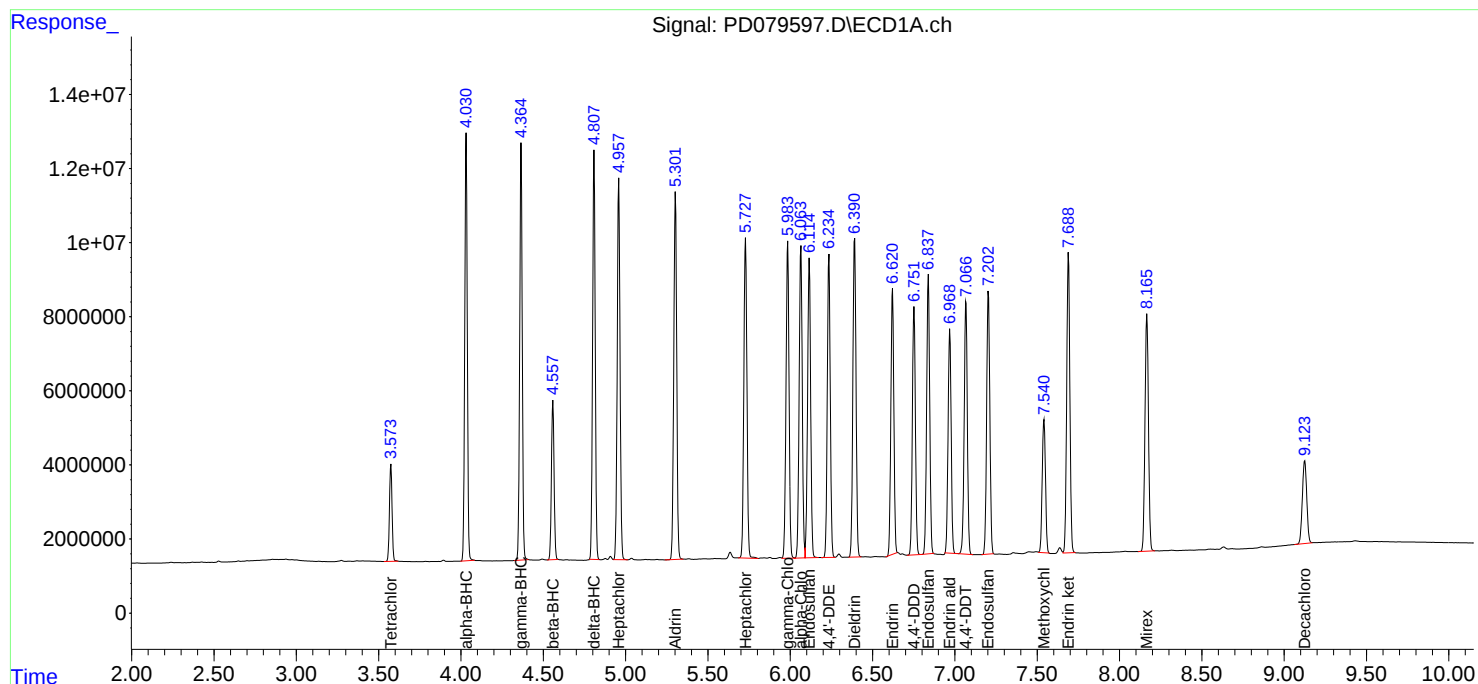
Manual Integrations

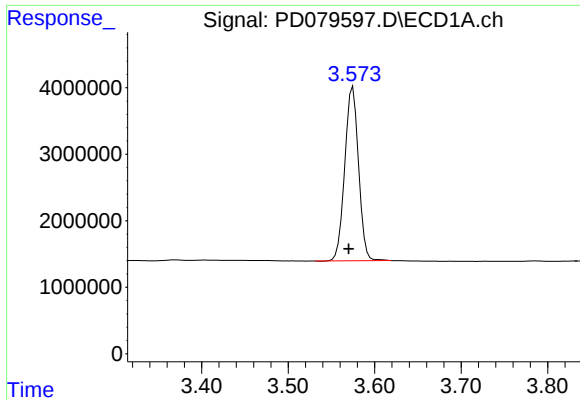
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:02:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
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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.: 3.575 min
Delta R.T.: 0.005 min
Response: 28768216
Conc: 17.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

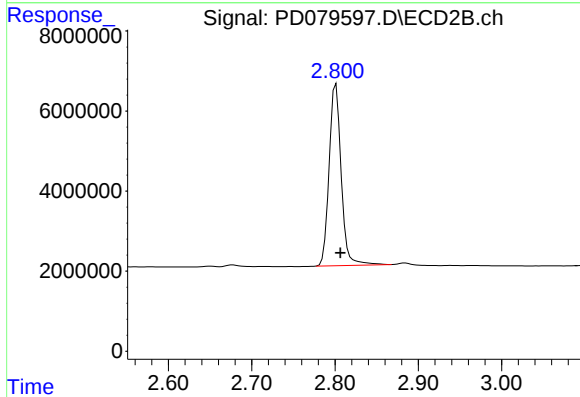
PB157001BS

Manual Integrations

APPROVED

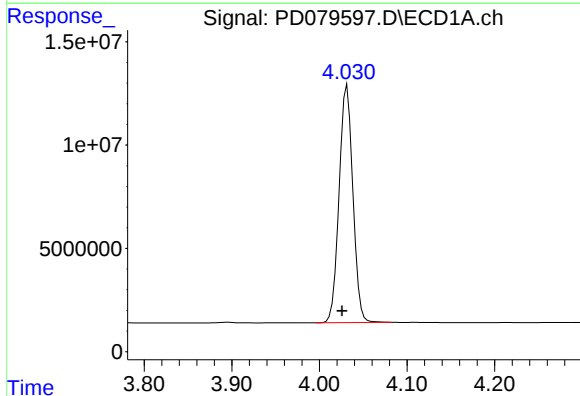
Reviewed By :Abdul Mirza 11/10/2023

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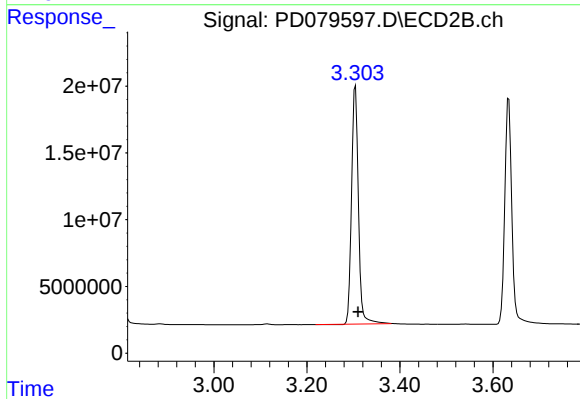
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: -0.005 min
Response: 45782557
Conc: 19.77 ng/ml



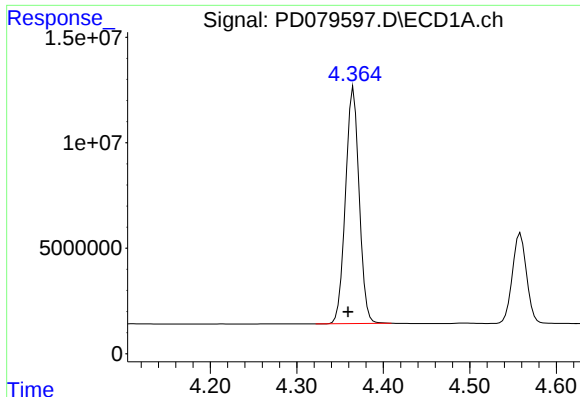
#2 alpha-BHC

R.T.: 4.032 min
Delta R.T.: 0.006 min
Response: 125470653
Conc: 47.13 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: -0.006 min
Response: 182448205
Conc: 52.62 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.006 min
Response: 122016583
Conc: 46.95 ng/ml

Instrument :

ECD_D

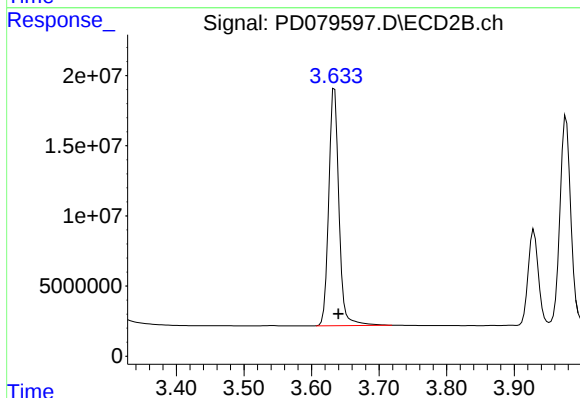
ClientSampleId :

PB157001BS

Manual Integrations

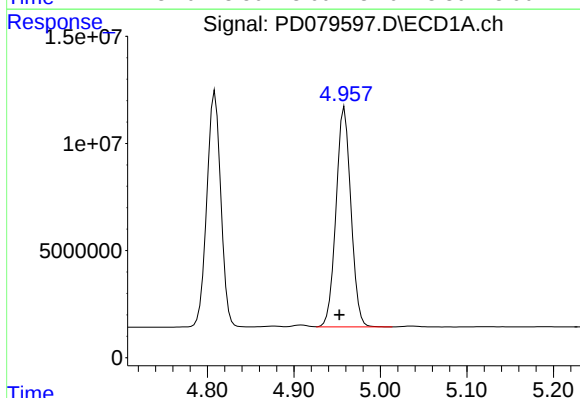
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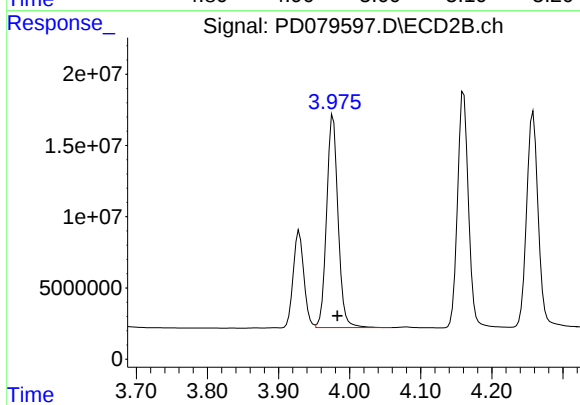
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: -0.006 min
Response: 178298862
Conc: 52.51 ng/ml



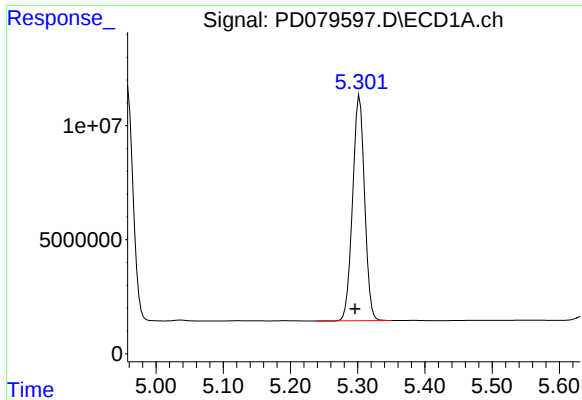
#4 Heptachlor

R.T.: 4.959 min
Delta R.T.: 0.006 min
Response: 121829496
Conc: 45.54 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.006 min
Response: 167025365
Conc: 54.69 ng/ml



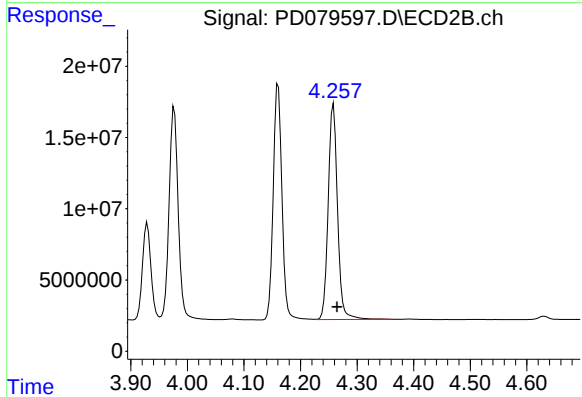
#5 Aldrin

R.T.: 5.303 min
Delta R.T.: 0.006 min
Response: 122374916
Conc: 47.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

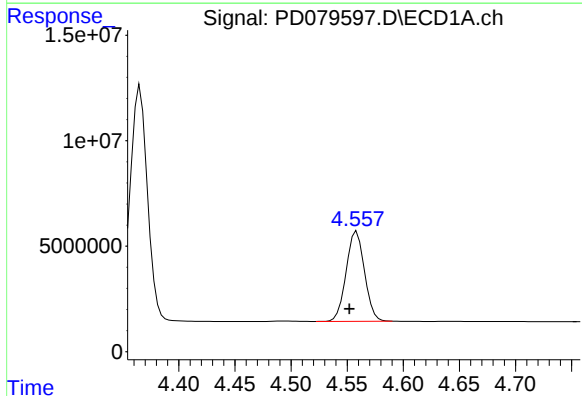
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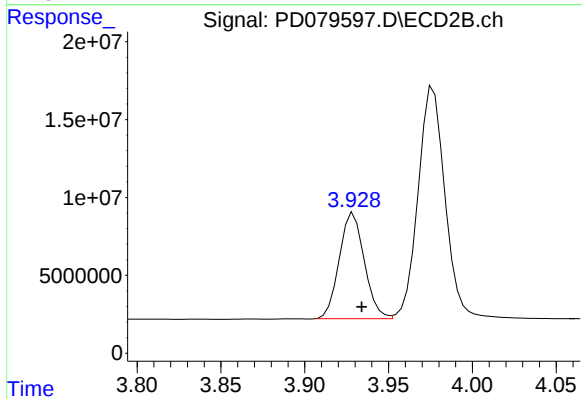
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 173428901
Conc: 53.01 ng/ml



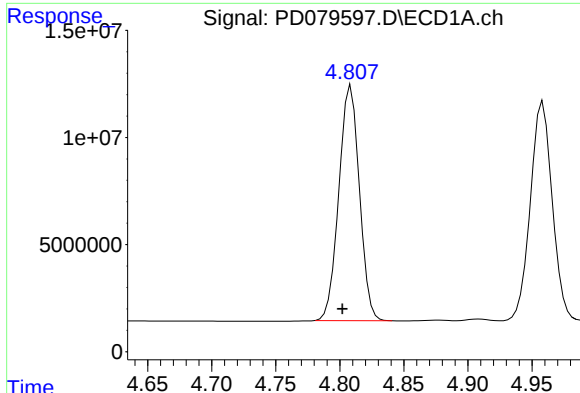
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.006 min
Response: 48455916
Conc: 45.22 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 70552498
Conc: 50.07 ng/ml



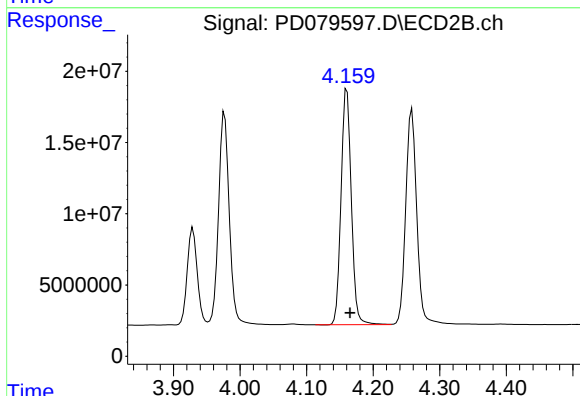
#7 delta-BHC

R.T.: 4.809 min
Delta R.T.: 0.007 min
Response: 122491484
Conc: 45.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

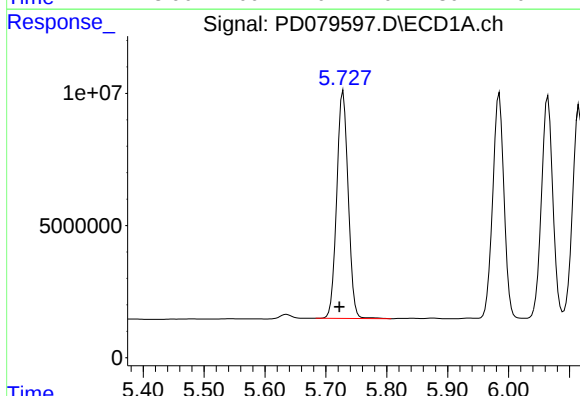
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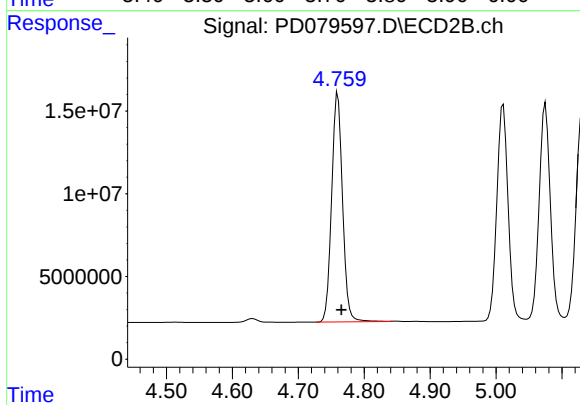
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: -0.005 min
Response: 176520561
Conc: 52.72 ng/ml



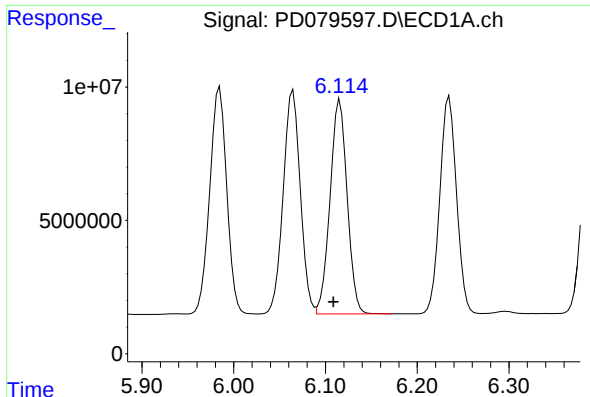
#8 Heptachlor epoxide

R.T.: 5.728 min
Delta R.T.: 0.006 min
Response: 112440508
Conc: 47.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: -0.006 min
Response: 159035566
Conc: 53.64 ng/ml



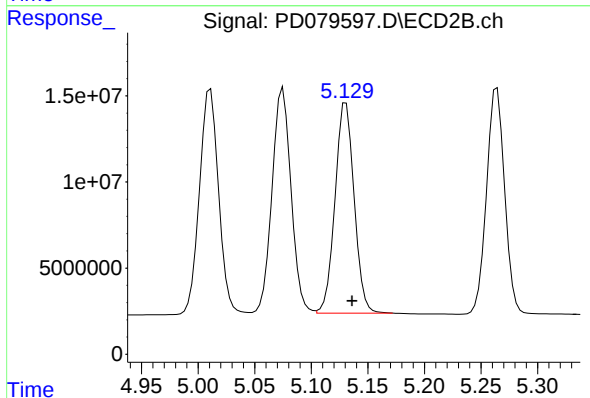
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: 0.007 min
Response: 104309943
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

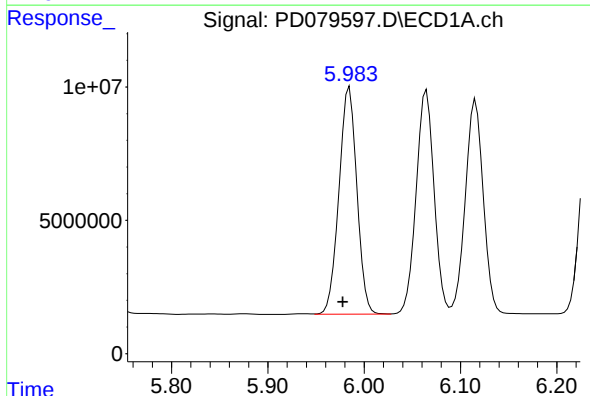
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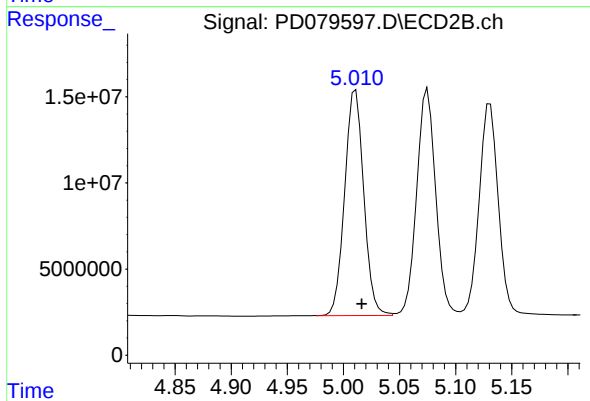
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 143252609
Conc: 54.10 ng/ml m



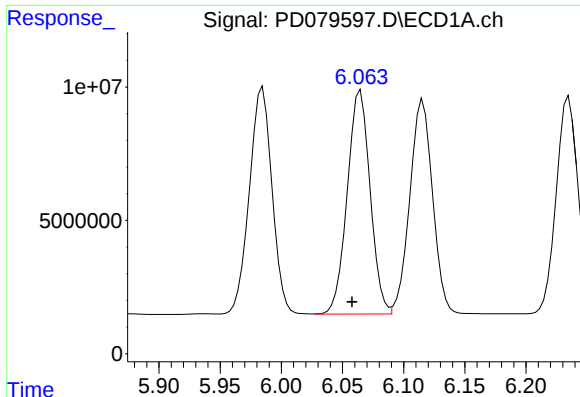
#10 gamma-Chlordane

R.T.: 5.985 min
Delta R.T.: 0.007 min
Response: 109959065
Conc: 47.96 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.007 min
Response: 154867624
Conc: 53.97 ng/ml m



#11 alpha-Chlordane

R.T.: 6.065 min
Delta R.T.: 0.007 min
Response: 109054725
Conc: 47.83 ng/ml

Instrument :

ECD_D

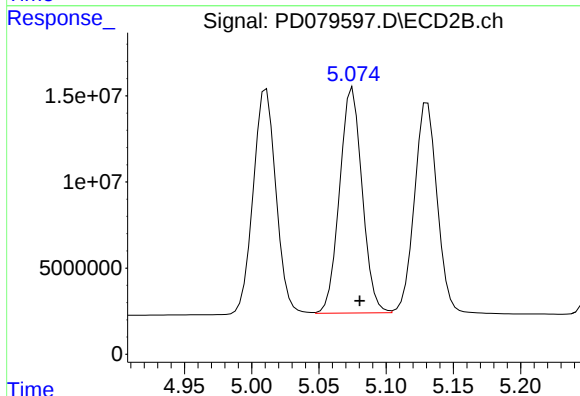
ClientSampleId :

PB157001BS

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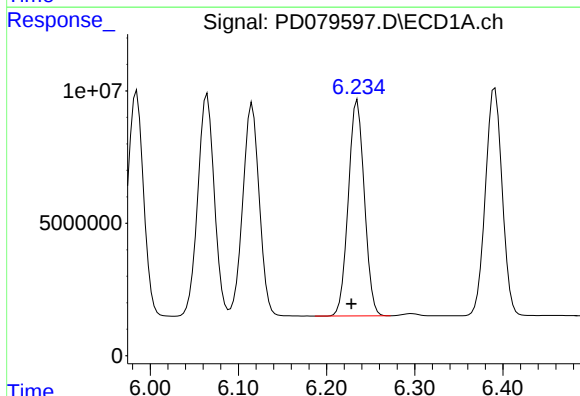
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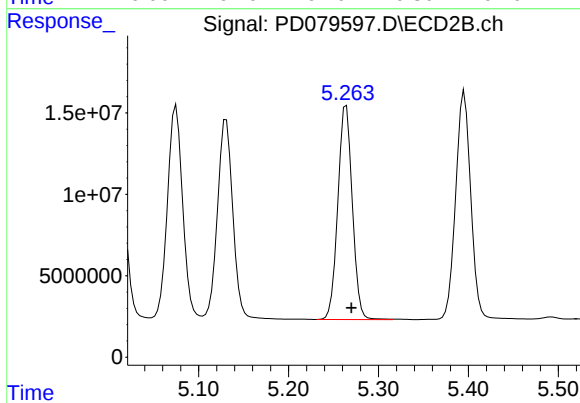
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 152139099
Conc: 53.01 ng/ml m



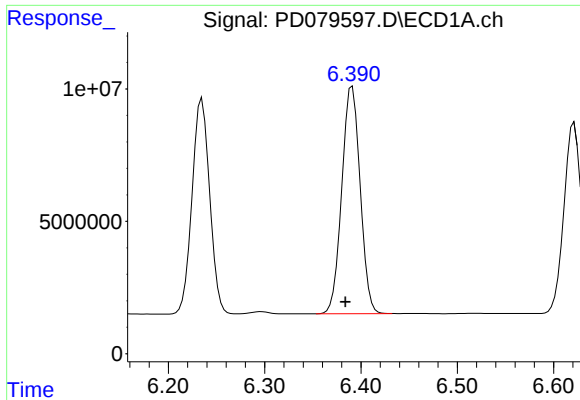
#12 4,4'-DDE

R.T.: 6.235 min
Delta R.T.: 0.007 min
Response: 102947251
Conc: 48.72 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 146851401
Conc: 55.16 ng/ml



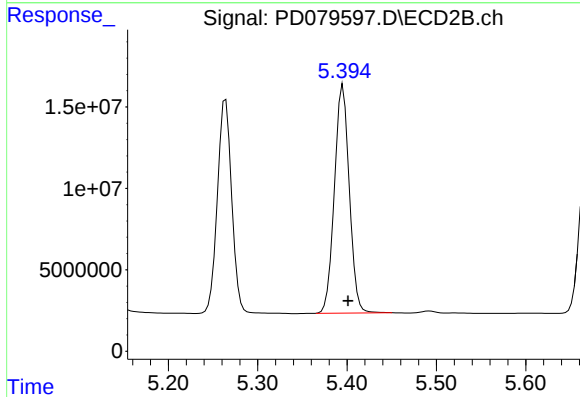
#13 Dieldrin

R.T.: 6.390 min
Delta R.T.: 0.006 min
Response: 113457074
Conc: 48.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

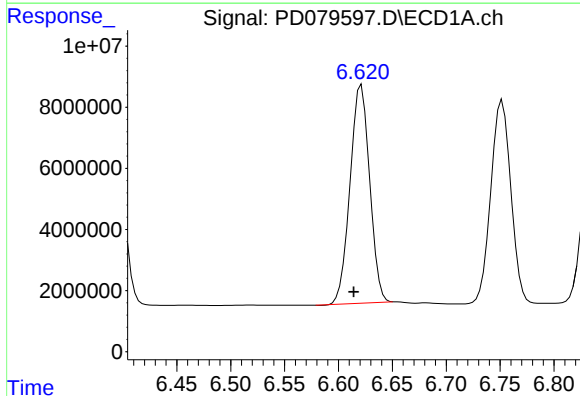
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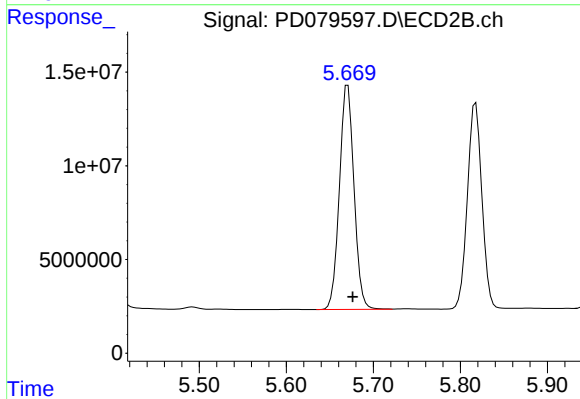
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.006 min
Response: 162196143
Conc: 54.61 ng/ml



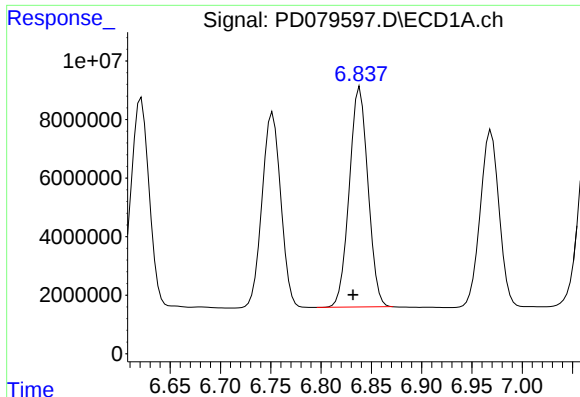
#14 Endrin

R.T.: 6.621 min
Delta R.T.: 0.007 min
Response: 90718997
Conc: 46.58 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 139429938
Conc: 54.48 ng/ml



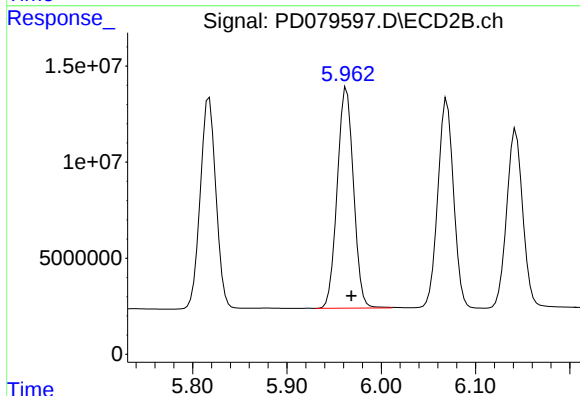
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.007 min
Response: 96894609
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

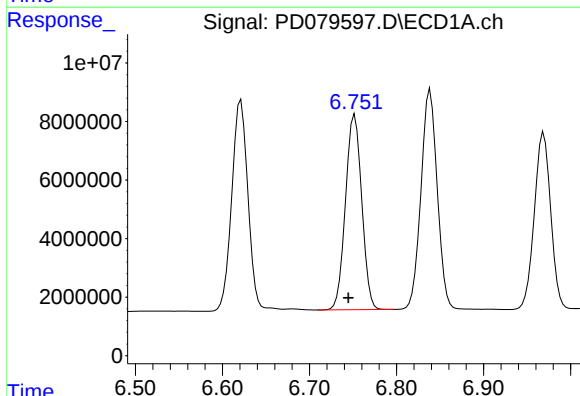
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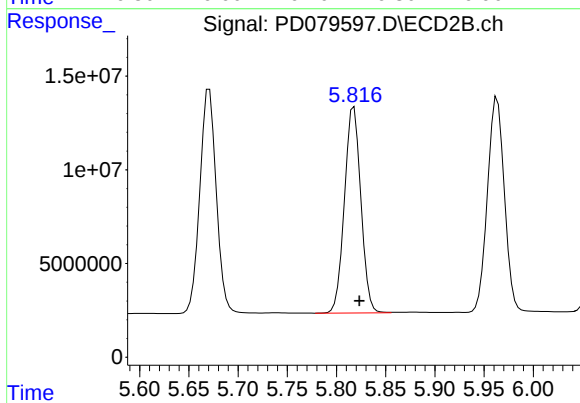
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 137753979
Conc: 55.18 ng/ml



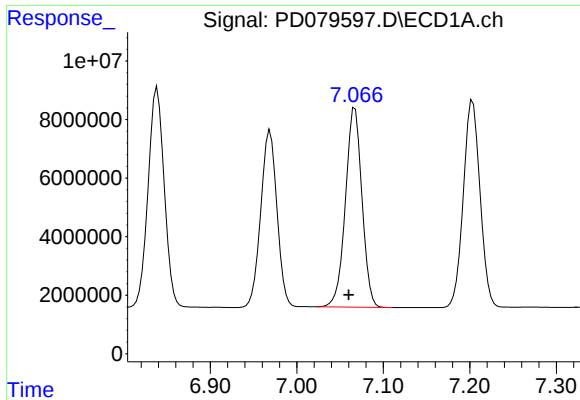
#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.007 min
Response: 86360049
Conc: 49.13 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 127512530
Conc: 55.82 ng/ml



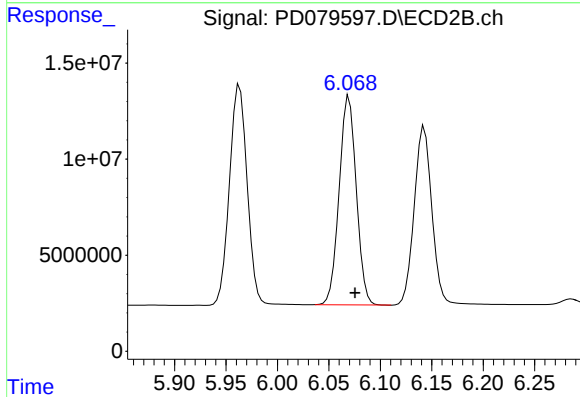
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: 0.007 min
Response: 90057100
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

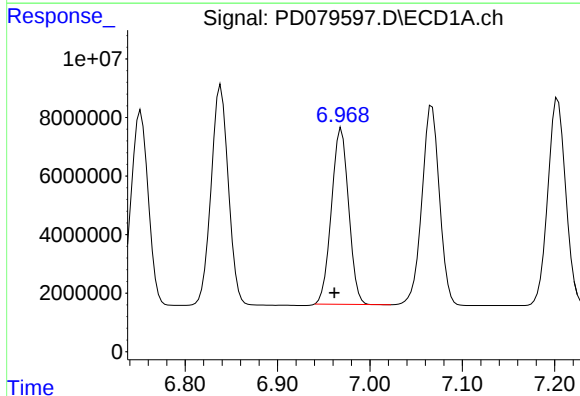
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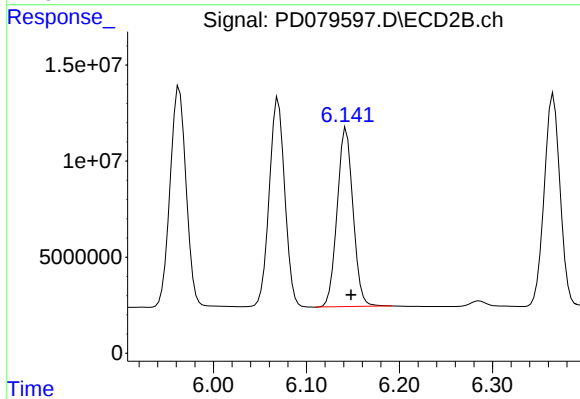
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 125971316
Conc: 55.02 ng/ml



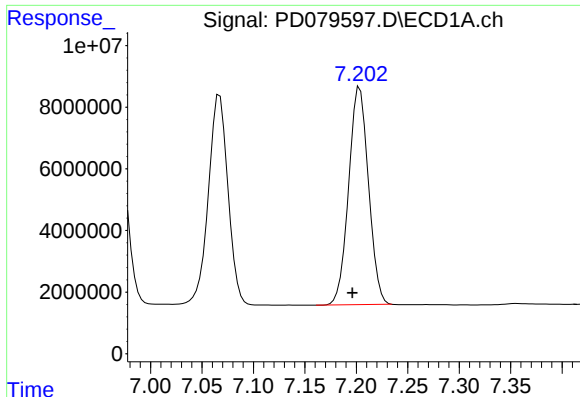
#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.007 min
Response: 77828742
Conc: 50.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 110218900
Conc: 59.28 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.203 min
Delta R.T.: 0.007 min
Response: 94827019
Conc: 47.70 ng/ml

Instrument :

ECD_D

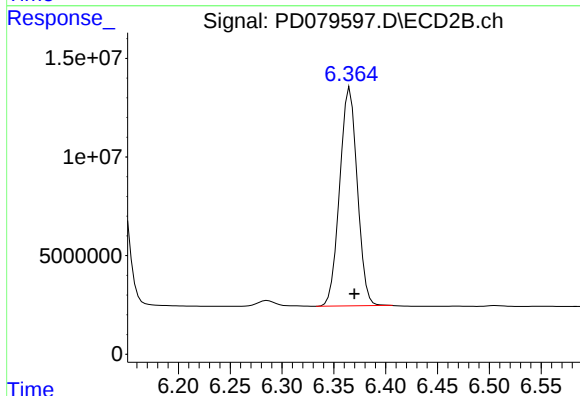
ClientSampleId :

PB157001BS

Manual Integrations

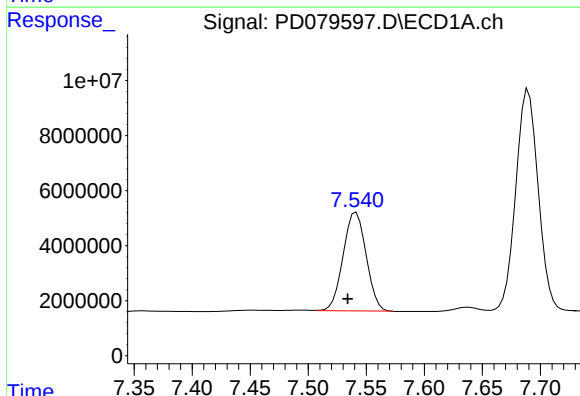
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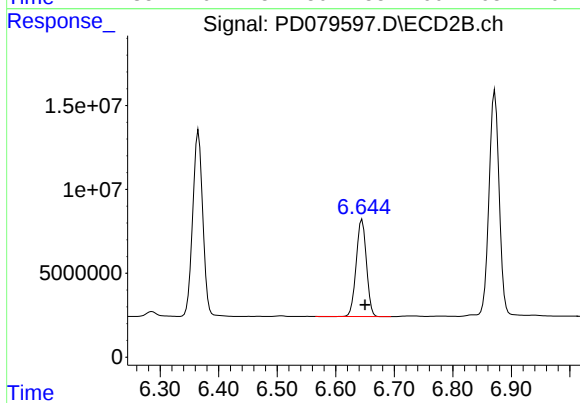
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 130788749
Conc: 56.02 ng/ml



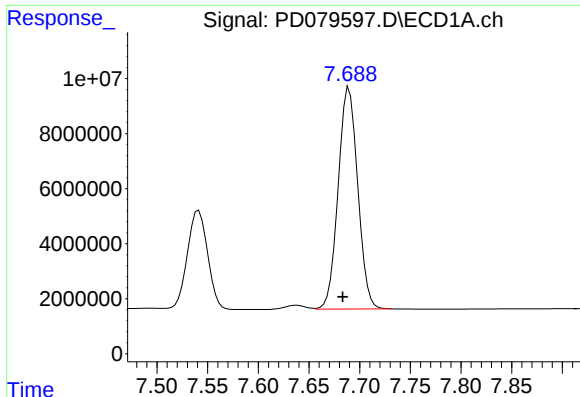
#20 Methoxychlor

R.T.: 7.541 min
Delta R.T.: 0.007 min
Response: 49511724
Conc: 45.18 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 70418827
Conc: 51.87 ng/ml



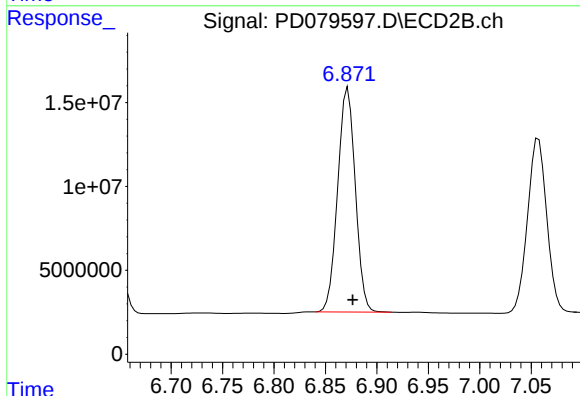
#21 Endrin ketone

R.T.: 7.690 min
Delta R.T.: 0.006 min
Response: 108110981
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157001BS

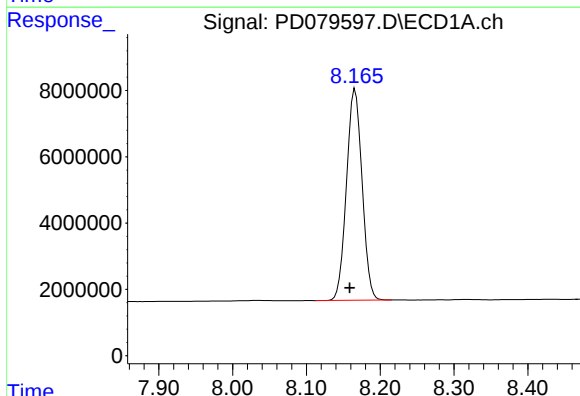
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



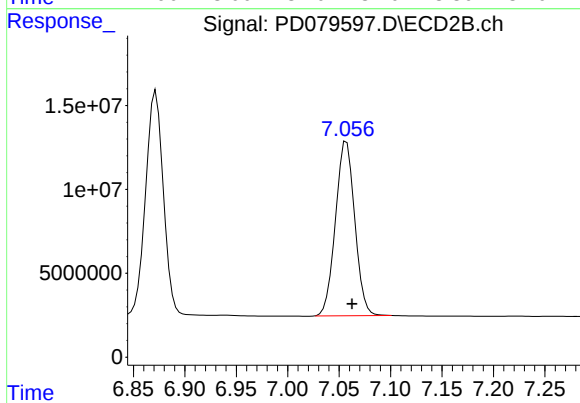
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 159224974
Conc: 56.95 ng/ml



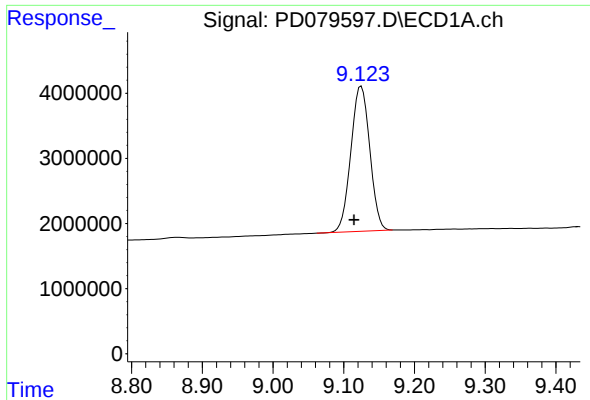
#22 Mirex

R.T.: 8.166 min
Delta R.T.: 0.007 min
Response: 93568813
Conc: 55.28 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 135569539
Conc: 63.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.010 min
Response: 41560827
Conc: 20.72 ng/ml

Instrument :

ECD_D

ClientSampleId :

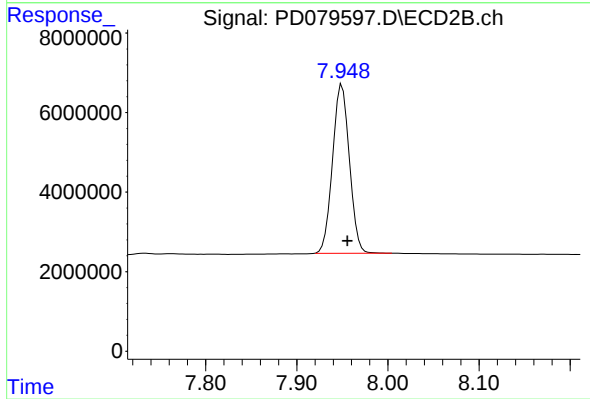
PB157001BS

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 54553836
Conc: 22.38 ng/ml