

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 17:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/04/2023
 Supervised By : mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:19:25 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...	3.568	2.802	75132582	118.1E6	46.534	51.005
28)	SA Decachlor...	9.114	7.950	88675849	122.7E6	44.205	50.346
Target Compounds							
2)	A alpha-BHC	4.025	3.305	127.5E6	185.9E6	47.909	53.626
3)	MA gamma-BHC...	4.358	3.635	123.5E6	182.7E6	47.523	53.816
4)	MA Heptachlor	4.951	3.978	121.7E6	170.6E6	45.515	55.866
5)	MB Aldrin	5.295	4.259	121.1E6	175.9E6	46.984	53.782
6)	B beta-BHC	4.551	3.930	50344073	75333789	46.981	53.462
7)	B delta-BHC	4.799	4.162	127.7E6	187.0E6	47.692m	55.838
8)	B Heptachlo...	5.721	4.761	110.4E6	158.4E6	47.108	53.433
9)	A Endosulfan I	6.107	5.130	102.0E6	144.0E6	47.040	54.369m
10)	B gamma-Chl...	5.977	5.010	108.3E6	156.6E6	47.225	54.578m
11)	B alpha-Chl...	6.057	5.074	107.6E6	153.6E6	47.201	53.528m
12)	B 4,4'-DDE	6.227	5.265	99824567	147.4E6	47.241	55.361
13)	MA Dieldrin	6.383	5.396	109.9E6	162.5E6	47.210	54.714
14)	MA Endrin	6.613	5.672	91879858	142.1E6	47.176	55.519
15)	B Endosulfa...	6.831	5.964	93993215	136.7E6	46.083	54.745
16)	A 4,4'-DDD	6.744	5.819	82903409	127.0E6	47.159	55.596
17)	MA 4,4'-DDT	7.060	6.071	82611765	121.8E6	43.625	53.197
18)	B Endrin al...	6.959	6.144	68261771	98381149	44.202m	52.913
19)	B Endosulfa...	7.195	6.366	89323965	128.4E6	44.928	54.984
20)	A Methoxychlor	7.533	6.645	45243592	69155167	41.289	50.938
21)	B Endrin ke...	7.681	6.872	99041254	152.8E6	45.428	54.657
22)	Mirex	8.158	7.057	74378379	113.9E6	43.942	53.328

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

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 Data File : PD079424.D
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 Acq On : 03 Nov 2023 17:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

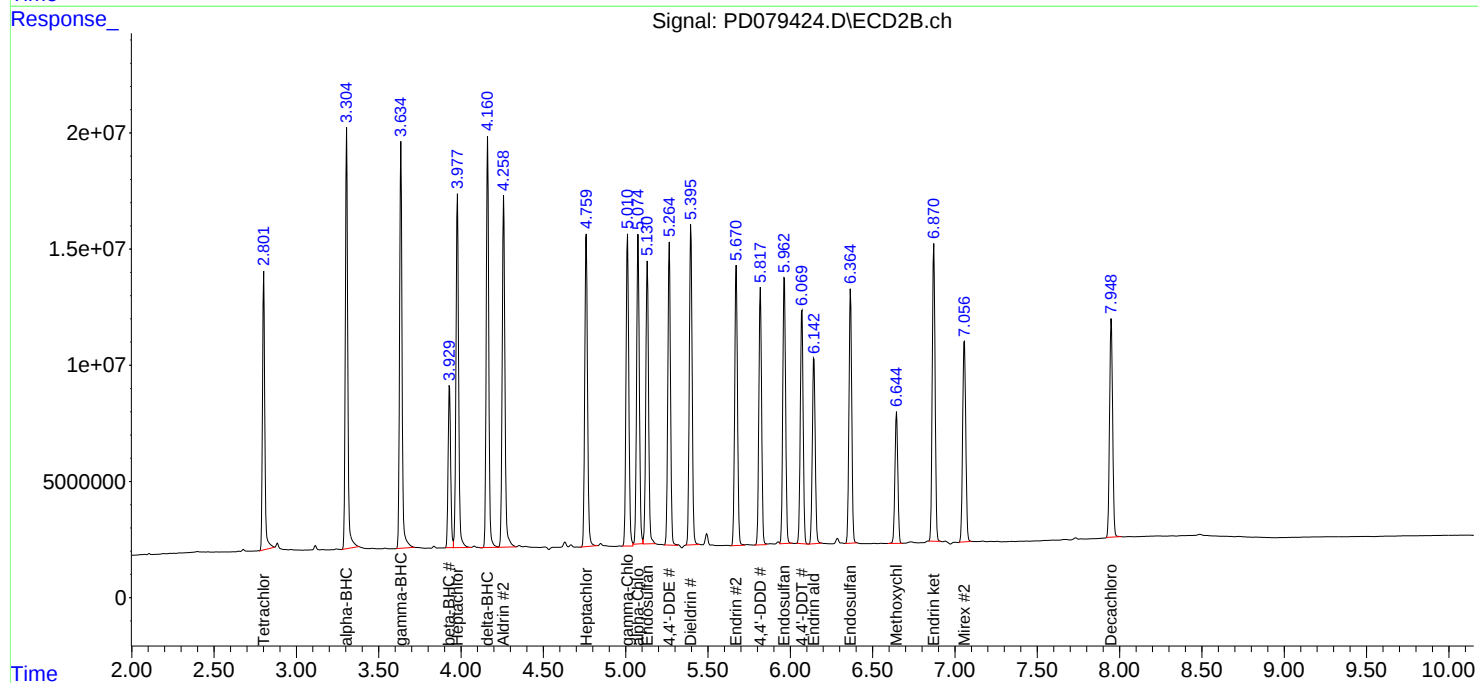
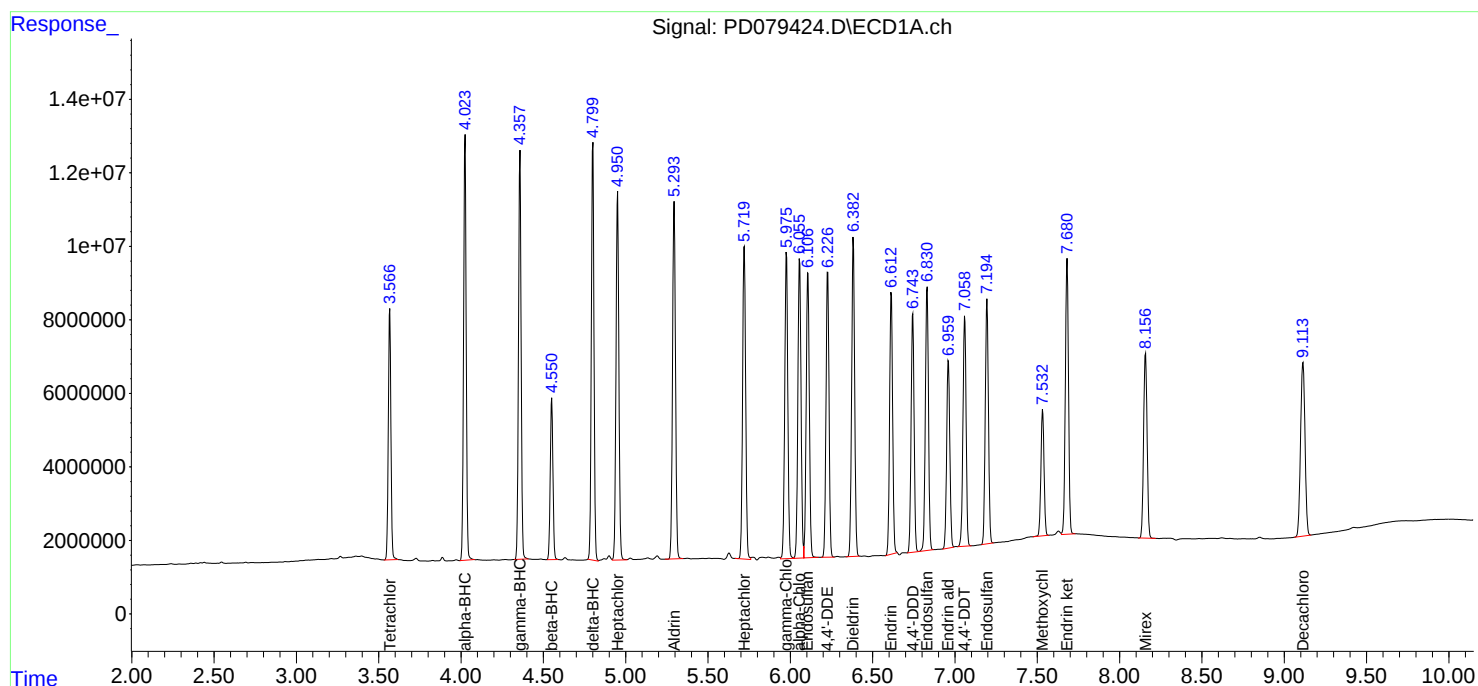
Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

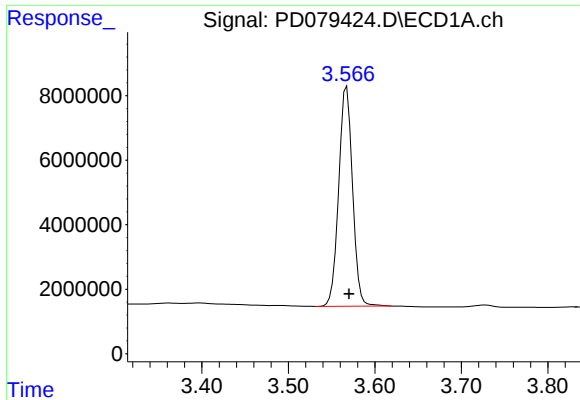
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:19:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
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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





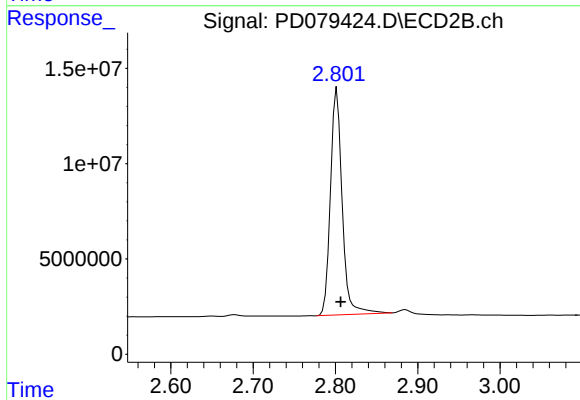
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.002 min
Response: 75132582
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

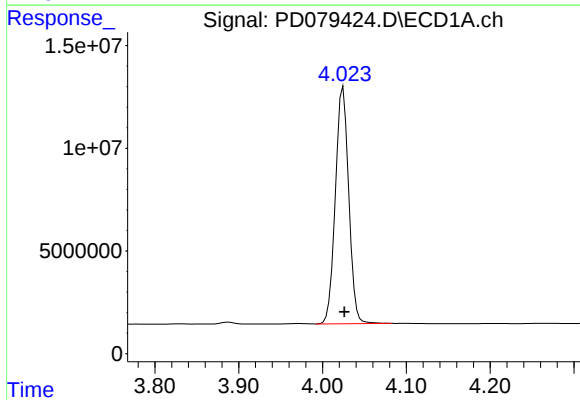
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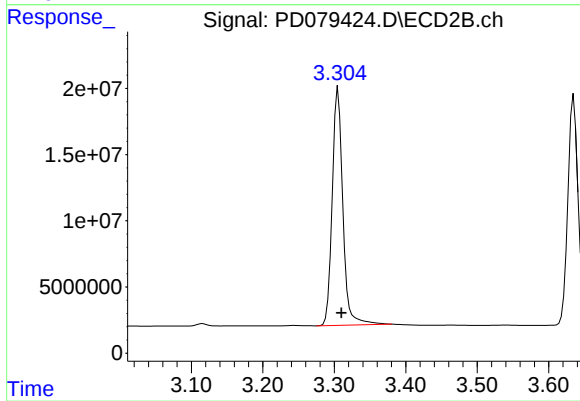
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: -0.005 min
Response: 118091429
Conc: 51.01 ng/ml



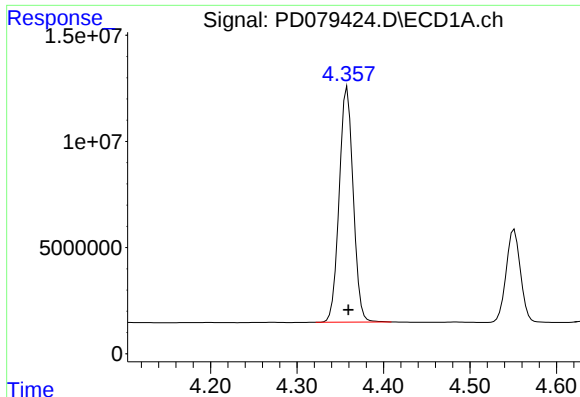
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: -0.001 min
Response: 127536260
Conc: 47.91 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: -0.004 min
Response: 185946080
Conc: 53.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: -0.001 min
Response: 123503645
Conc: 47.52 ng/ml

Instrument :

ECD_D

ClientSampleId :

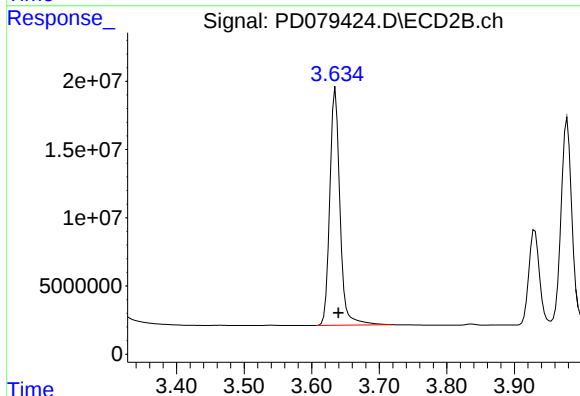
PSTDCCC050

Manual Integrations

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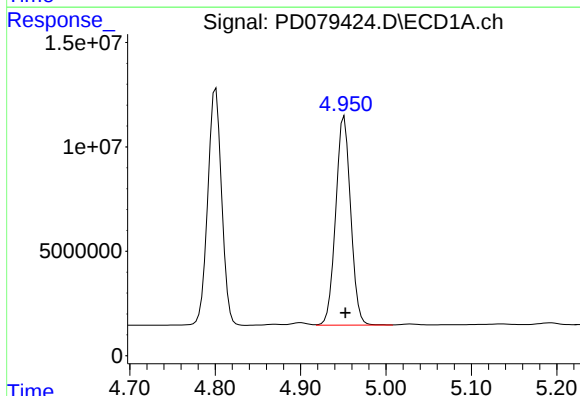
Reviewed By :Abdul Mirza 11/04/2023

Supervised By :mohammad ahmed 11/06/2023



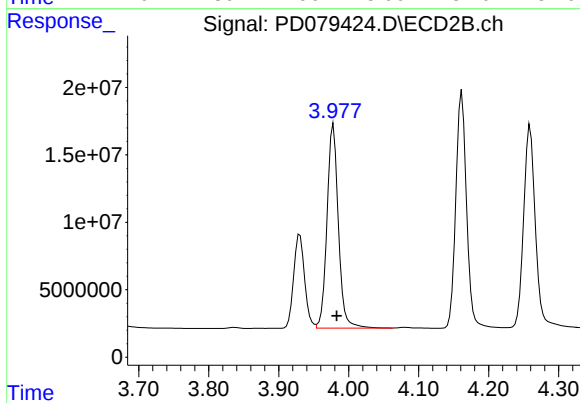
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: -0.005 min
Response: 182747908
Conc: 53.82 ng/ml



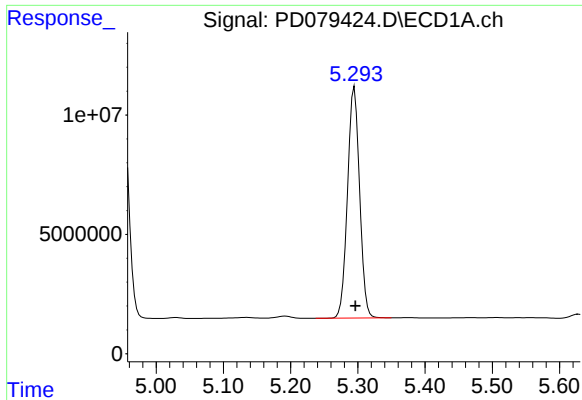
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 121749663
Conc: 45.51 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 170620978
Conc: 55.87 ng/ml



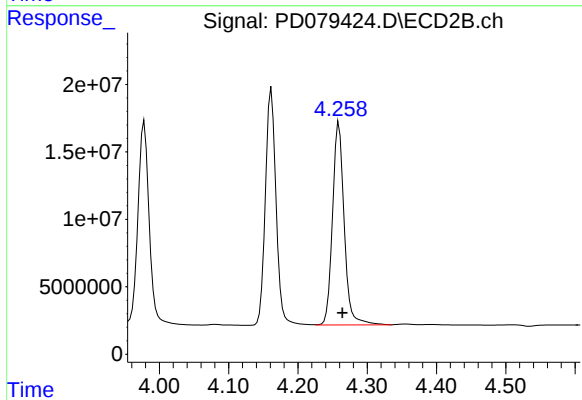
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 121068050
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

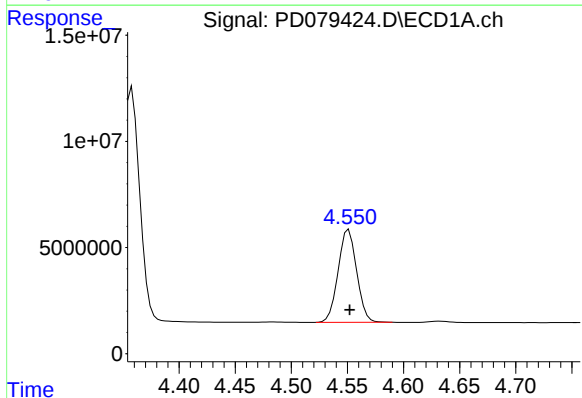
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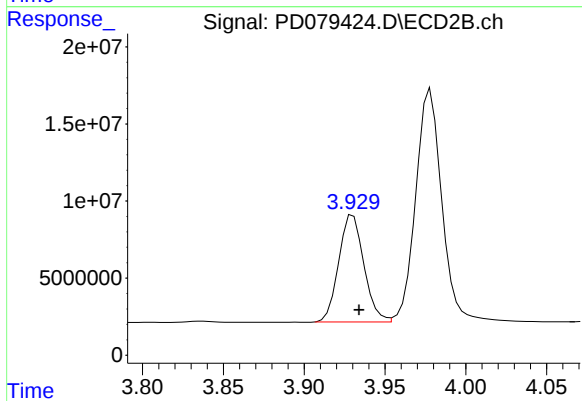
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 175937266
Conc: 53.78 ng/ml



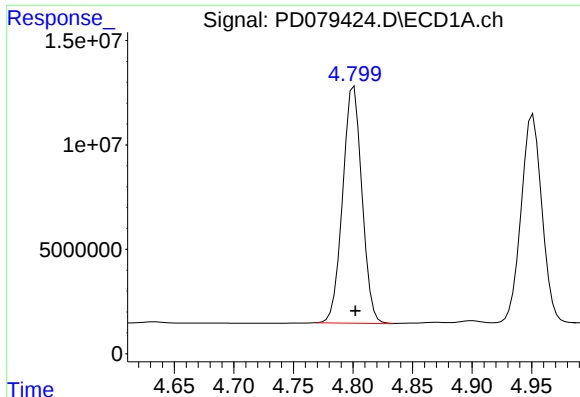
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 50344073
Conc: 46.98 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 75333789
Conc: 53.46 ng/ml



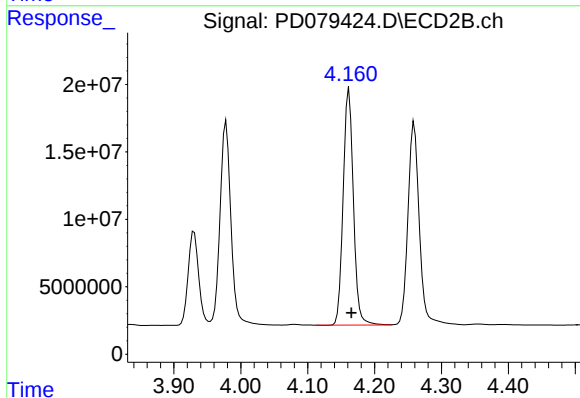
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 127675004
Conc: 47.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

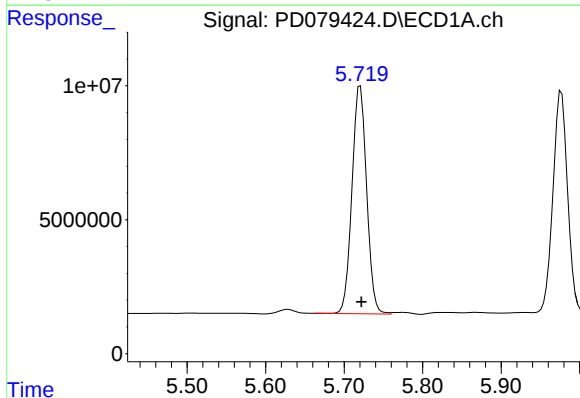
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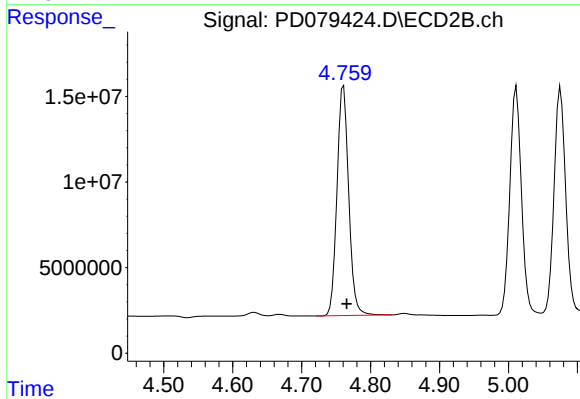
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 186958446
Conc: 55.84 ng/ml



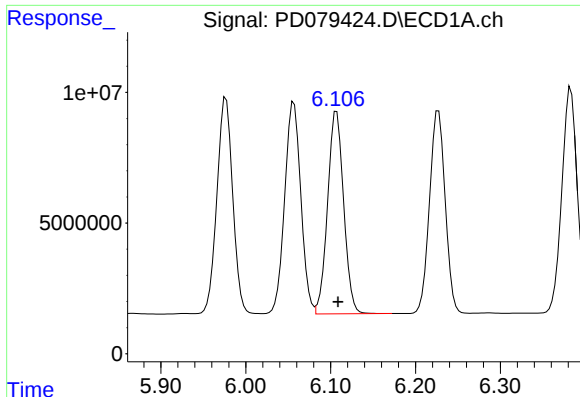
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 110406203
Conc: 47.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 158411480
Conc: 53.43 ng/ml



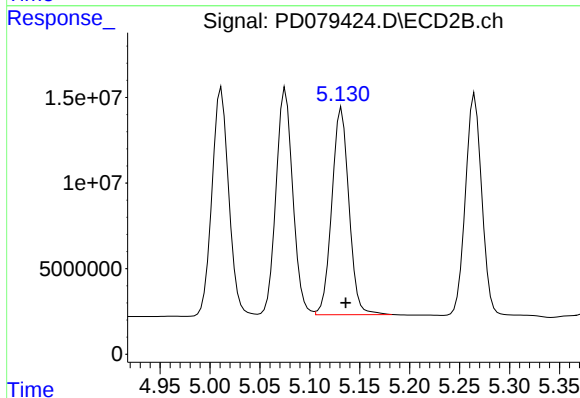
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 101979741
Conc: 47.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

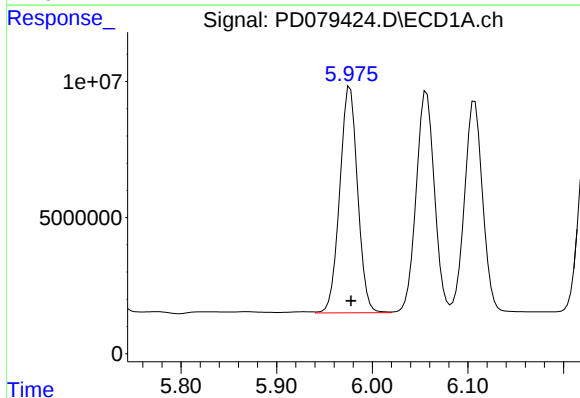
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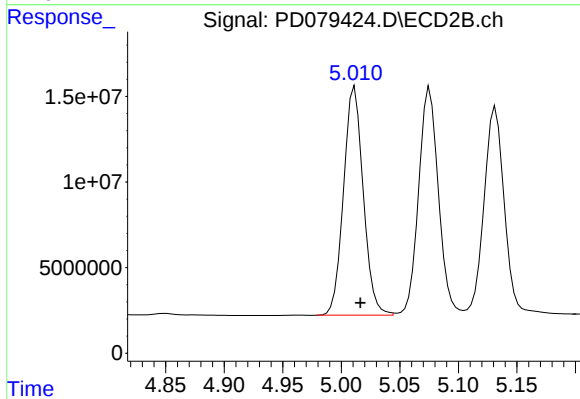
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 143952761
Conc: 54.37 ng/ml m



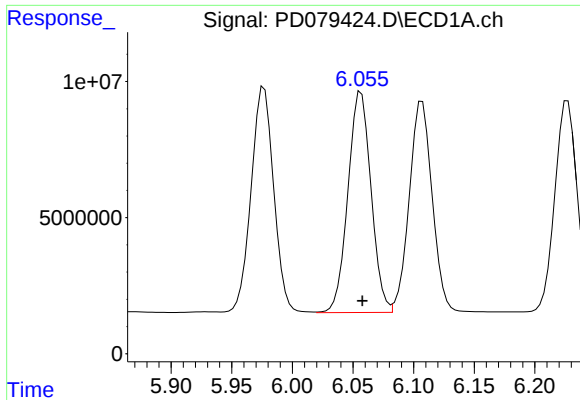
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 108272872
Conc: 47.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 156607174
Conc: 54.58 ng/ml m



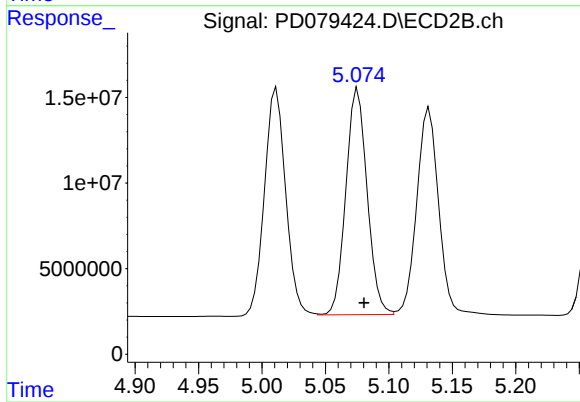
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: -0.001 min
Response: 107626784
Conc: 47.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

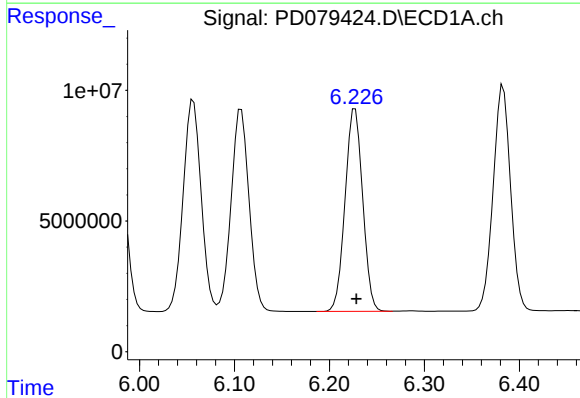
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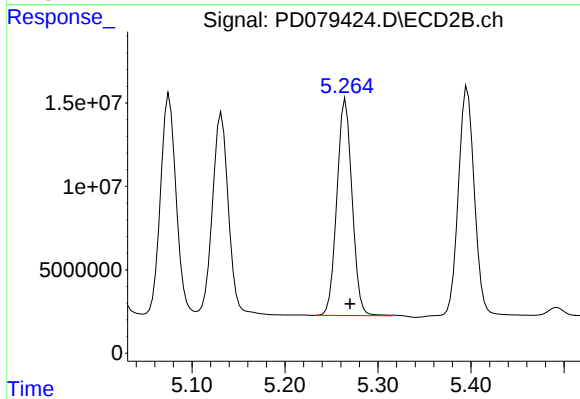
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 153617379
Conc: 53.53 ng/ml m



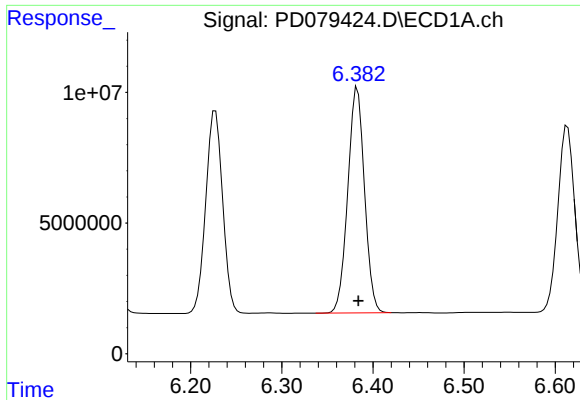
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: -0.001 min
Response: 99824567
Conc: 47.24 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 147393183
Conc: 55.36 ng/ml



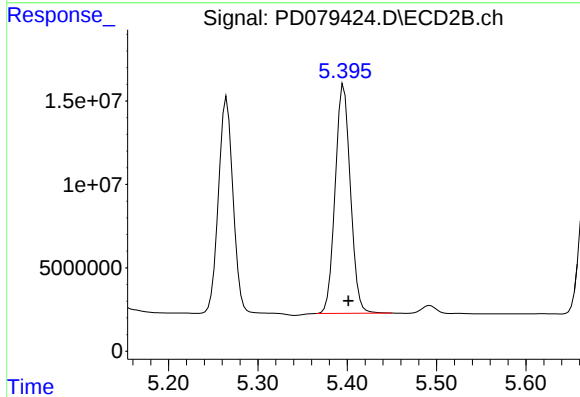
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 109945598
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
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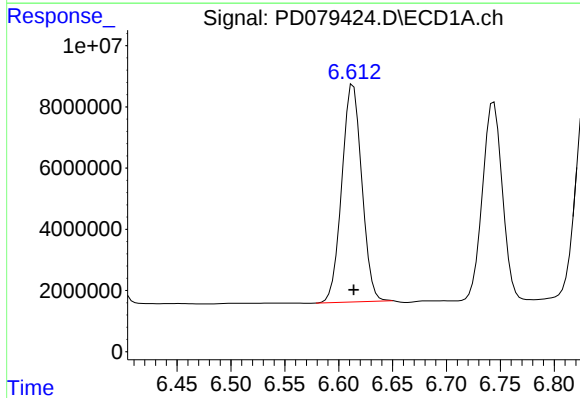
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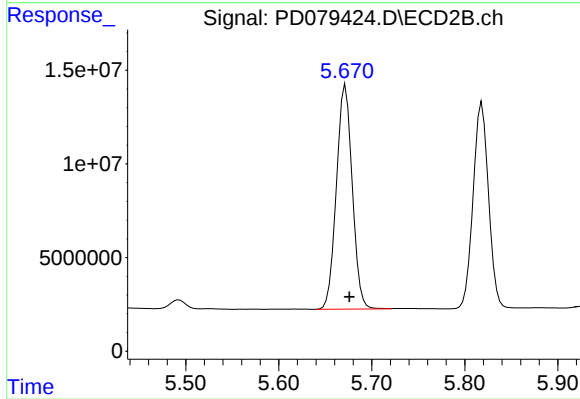
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 162493959
Conc: 54.71 ng/ml



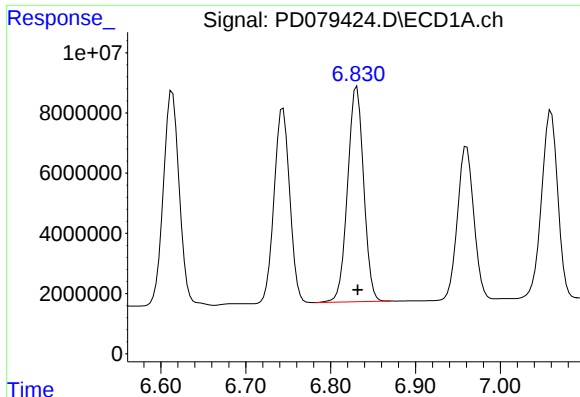
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 91879858
Conc: 47.18 ng/ml



#14 Endrin

R.T.: 5.672 min
Delta R.T.: -0.004 min
Response: 142081110
Conc: 55.52 ng/ml



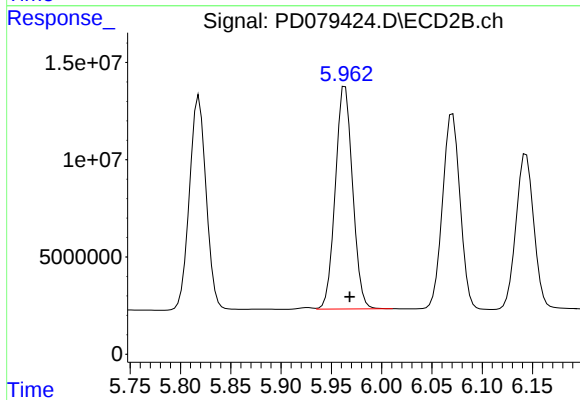
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 93993215
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
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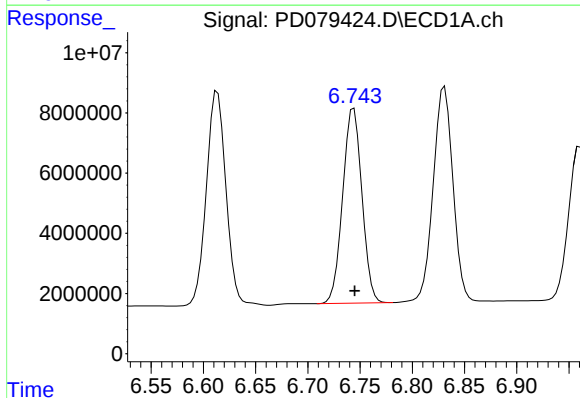
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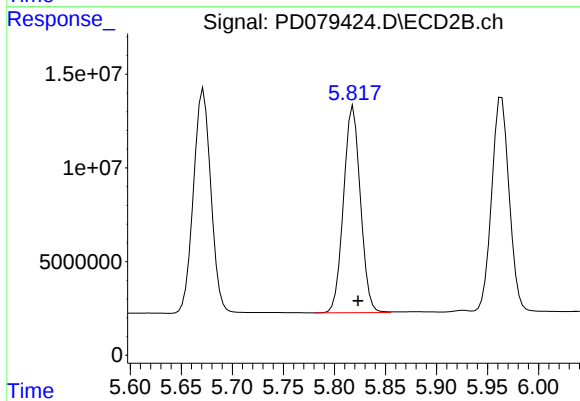
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 136671424
Conc: 54.74 ng/ml



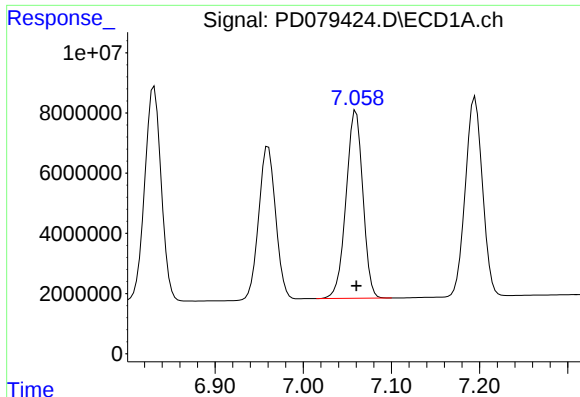
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 82903409
Conc: 47.16 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: -0.005 min
Response: 126995243
Conc: 55.60 ng/ml



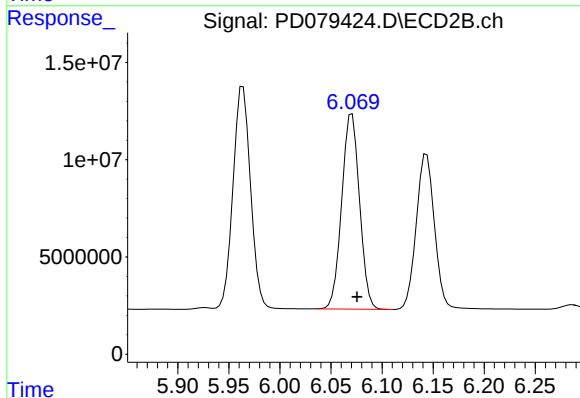
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 82611765
Conc: 43.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

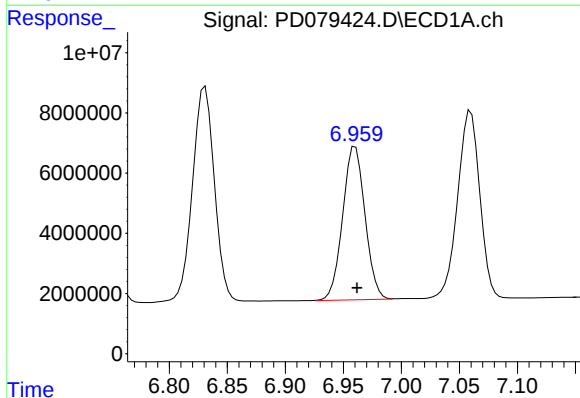
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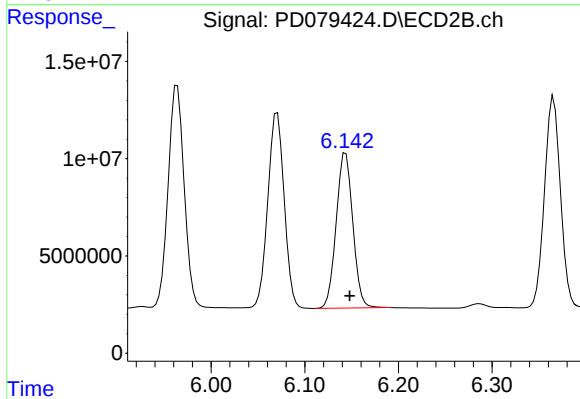
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 121788267
Conc: 53.20 ng/ml



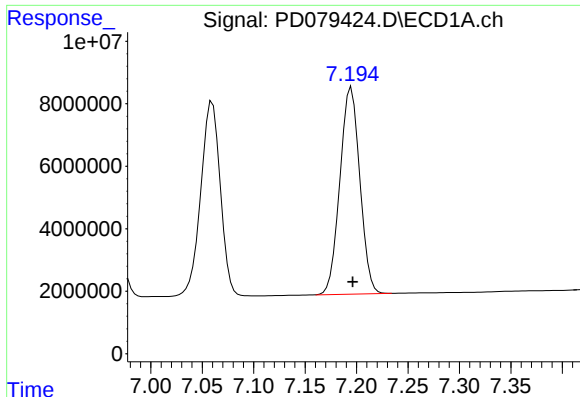
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 68261771
Conc: 44.20 ng/ml m



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 98381149
Conc: 52.91 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.001 min
Response: 89323965
Conc: 44.93 ng/ml

Instrument :

ECD_D

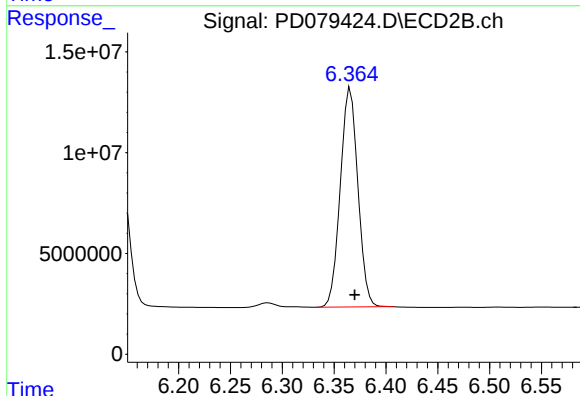
ClientSampleId :

PSTDCCC050

Manual Integrations

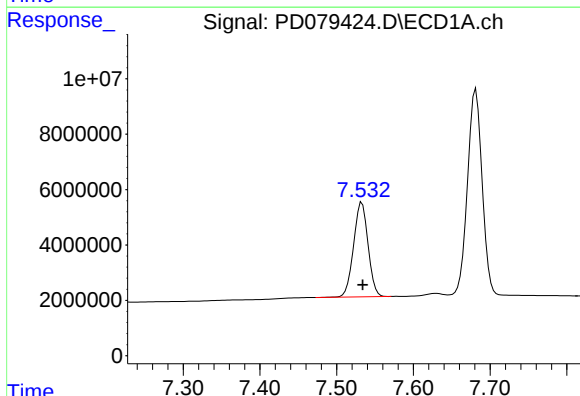
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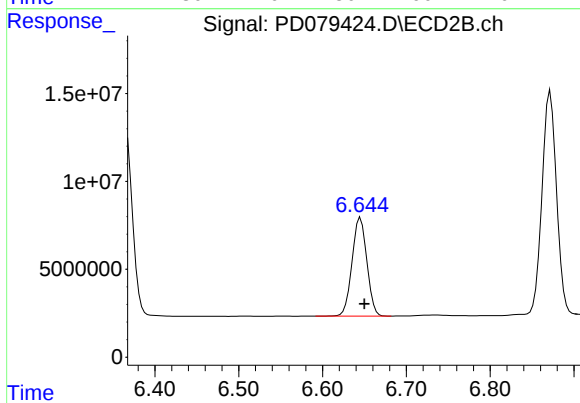
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 128378318
Conc: 54.98 ng/ml



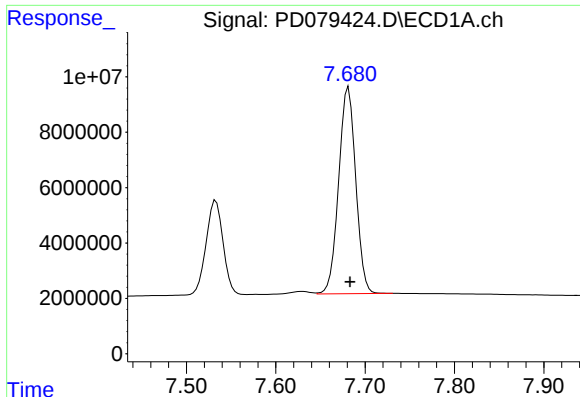
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 45243592
Conc: 41.29 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 69155167
Conc: 50.94 ng/ml



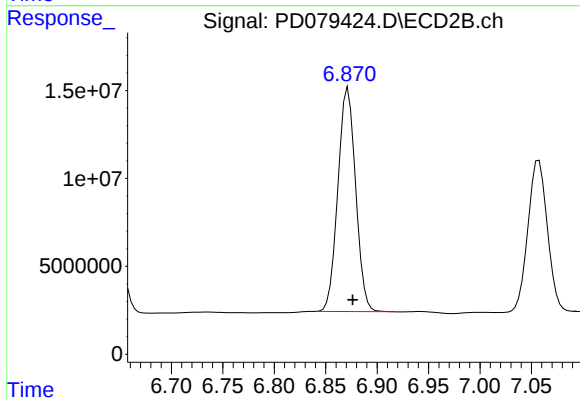
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: -0.002 min
Response: 99041254
Conc: 45.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

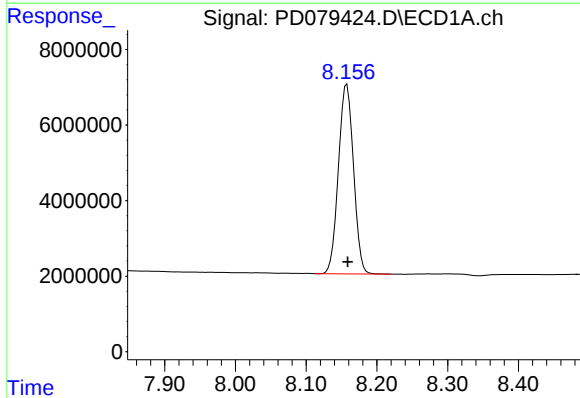
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



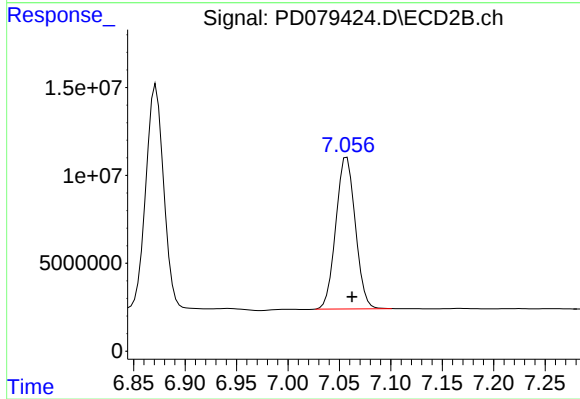
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 152807230
Conc: 54.66 ng/ml



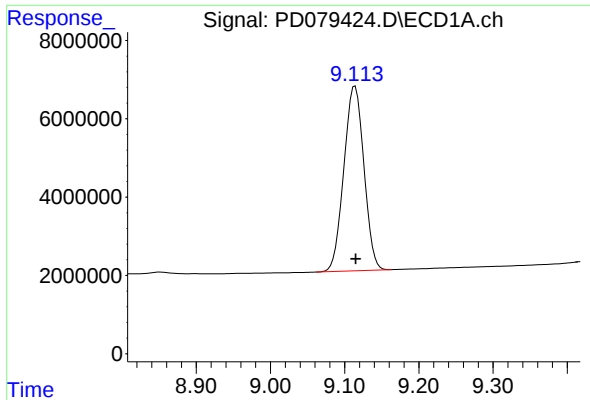
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.001 min
Response: 74378379
Conc: 43.94 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 113926462
Conc: 53.33 ng/ml



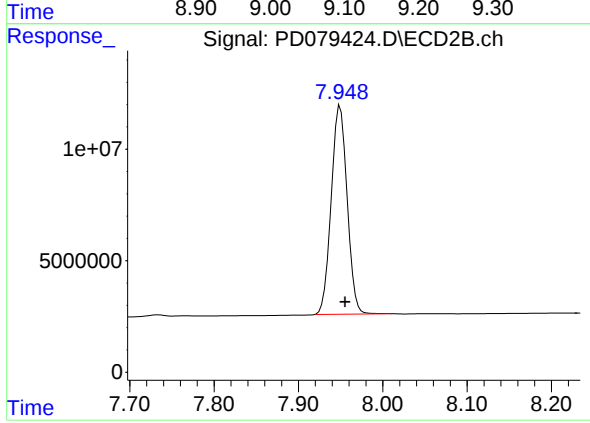
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 88675849
Conc: 44.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 122717718
Conc: 50.35 ng/ml