

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
 Data File : PD080882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2024 10:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/26/2024
 Supervised By : Ankita Jodhani 01/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 21:37:05 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...	3.571	2.794	74354415	126.1E6	52.378	52.734
28)	SA Decachlor...	9.116	7.935	101.0E6	142.7E6	50.180	53.573
Target Compounds							
2)	A alpha-BHC	4.028	3.296	131.8E6	209.0E6	53.057	54.457
3)	MA gamma-BHC...	4.361	3.626	128.0E6	203.4E6	52.299	54.407
4)	MA Heptachlor	4.954	3.967	126.0E6	188.4E6	51.071	54.644
5)	MB Aldrin	5.298	4.248	125.8E6	203.8E6	51.264	55.960
6)	B beta-BHC	4.556	3.921	51392014	81873944	50.790	52.396
7)	B delta-BHC	4.805	4.152	130.9E6	208.3E6	52.163	55.492
8)	B Heptachlo...	5.722	4.749	113.7E6	176.1E6	50.759m	52.568
9)	A Endosulfan I	6.110	5.119	105.9E6	160.9E6	51.067	52.540
10)	B gamma-Chl...	5.980	4.999	113.3E6	175.2E6	51.758	53.569
11)	B alpha-Chl...	6.059	5.063	111.5E6	174.6E6	51.209	53.400
12)	B 4,4'-DDE	6.230	5.251	104.5E6	165.6E6	51.364	54.054m
13)	MA Dieldrin	6.386	5.384	113.3E6	183.5E6	51.273	53.968
14)	MA Endrin	6.616	5.659	94361021	160.0E6	50.521	54.002
15)	B Endosulfa...	6.834	5.951	98754959	155.5E6	50.999	54.079
16)	A 4,4'-DDD	6.747	5.805	86750659	143.4E6	52.796	54.619
17)	MA 4,4'-DDT	7.063	6.057	91917625	146.8E6	51.613	55.350
18)	B Endrin al...	6.964	6.131	77379153	120.6E6	50.869	53.509
19)	B Endosulfa...	7.199	6.353	95568081	149.7E6	50.332	53.654
20)	A Methoxychlor	7.537	6.632	51101871	83642637	49.648	53.437
21)	B Endrin ke...	7.685	6.859	107.9E6	175.6E6	51.595	54.404
22)	Mirex	8.160	7.043	82164701	134.6E6	49.815	53.398

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
Data File : PD080882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2024 10:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

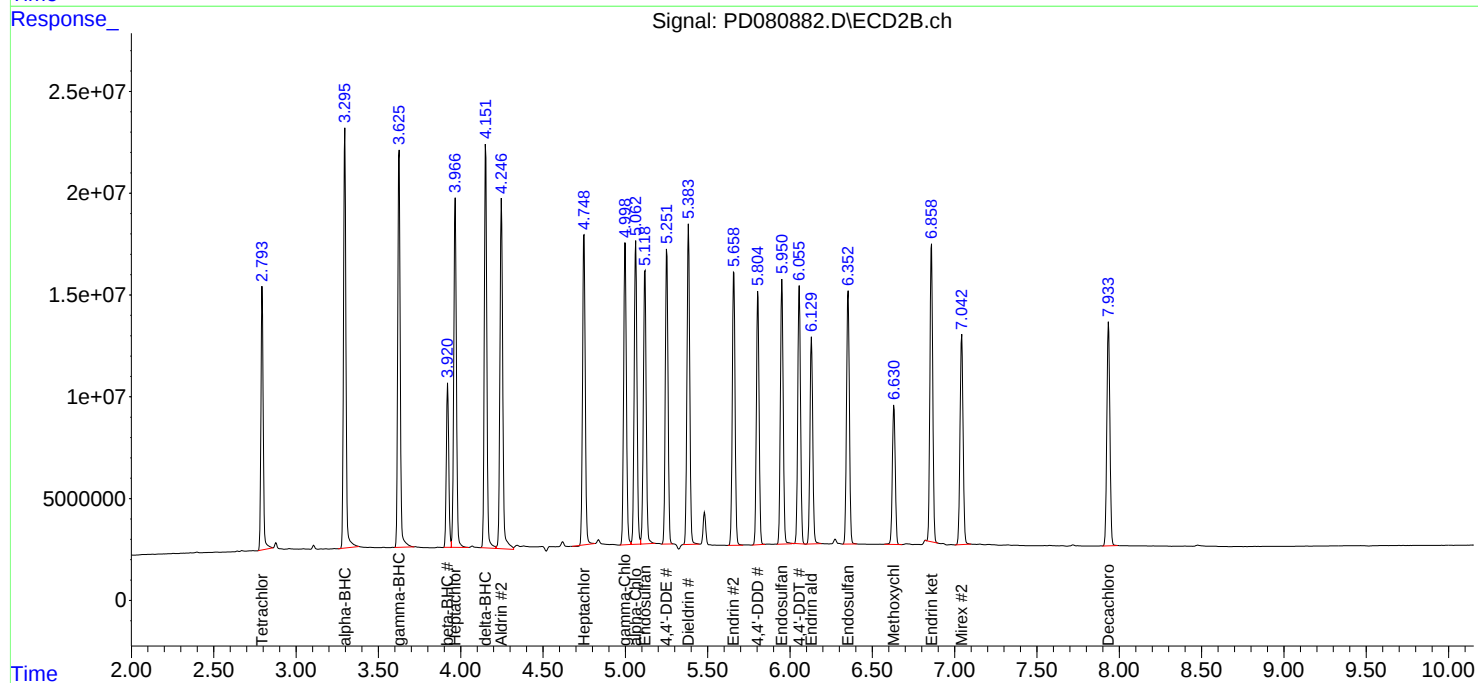
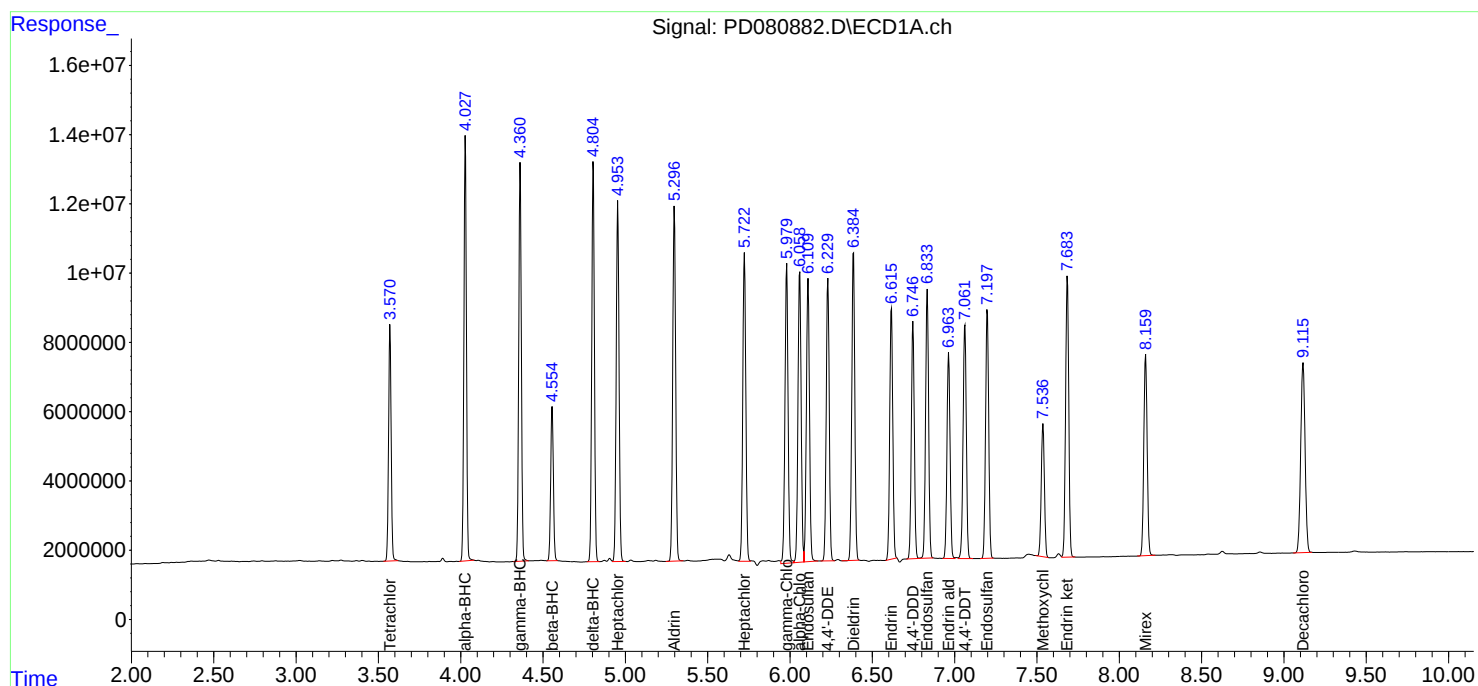
APPROVED

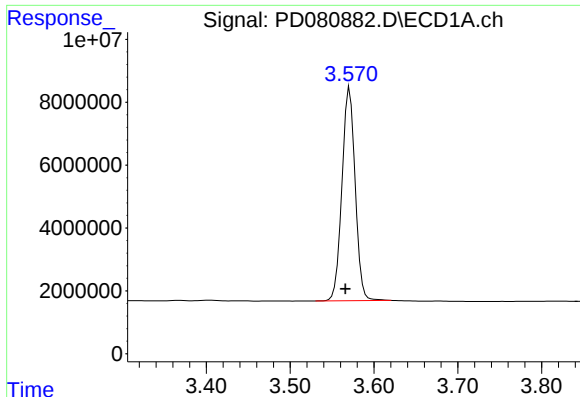
Reviewed By :Abdul Mirza 01/26/2024

Supervised By :Ankita Jodhani 01/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 21:37:05 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





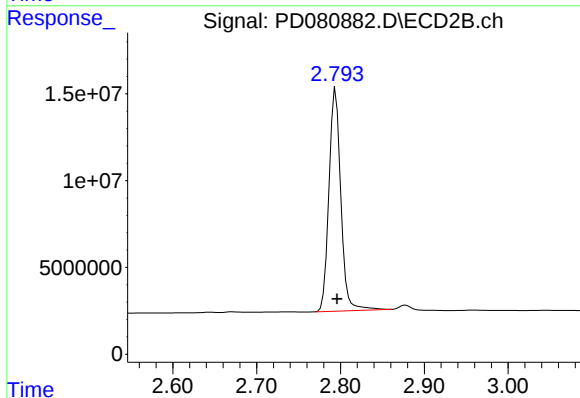
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.005 min
Response: 74354415
Conc: 52.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

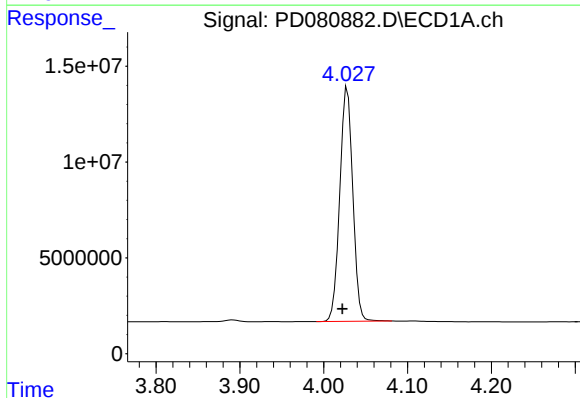
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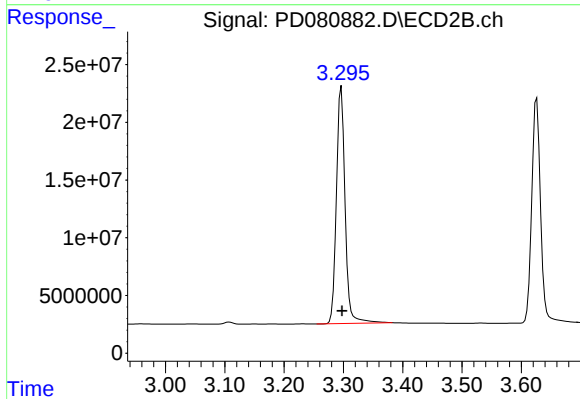
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 126148362
Conc: 52.73 ng/ml



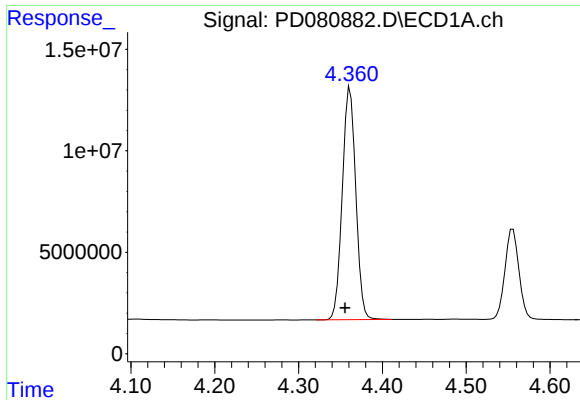
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.006 min
Response: 131785696
Conc: 53.06 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 208954607
Conc: 54.46 ng/ml



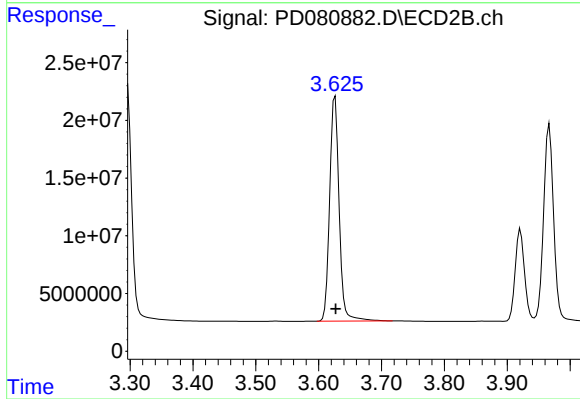
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.006 min
Response: 128008109
Conc: 52.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

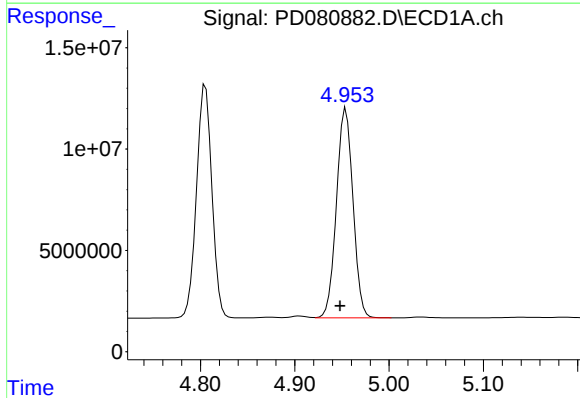
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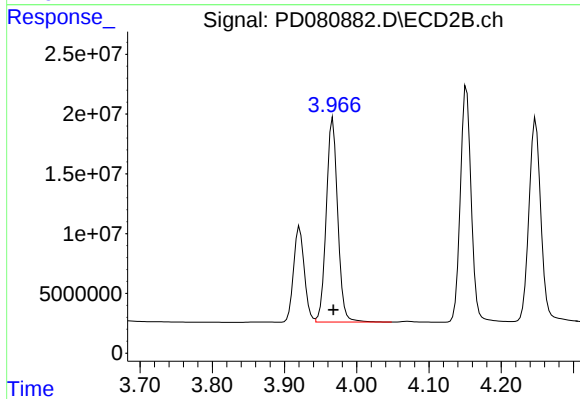
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 203425972
Conc: 54.41 ng/ml



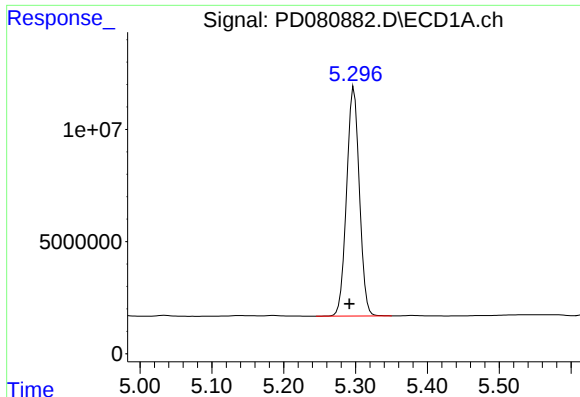
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.006 min
Response: 125958857
Conc: 51.07 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 188416422
Conc: 54.64 ng/ml



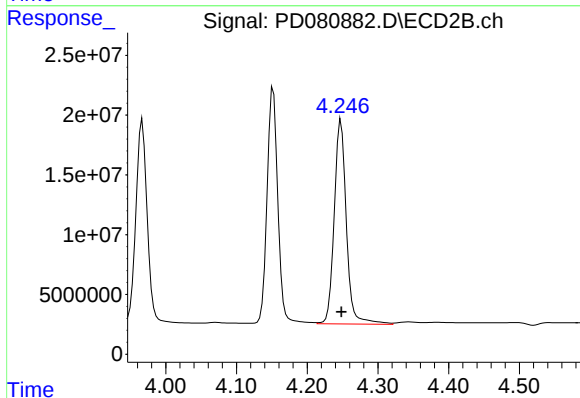
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.006 min
Response: 125833673
Conc: 51.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

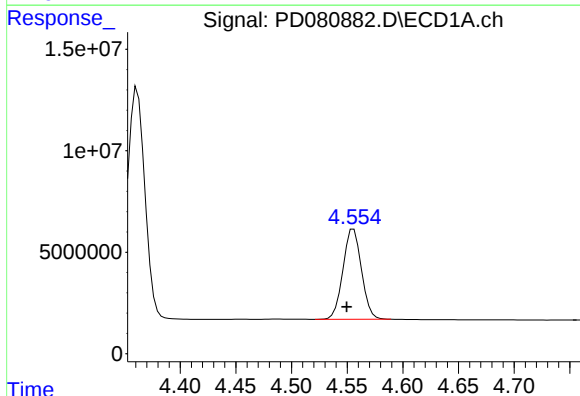
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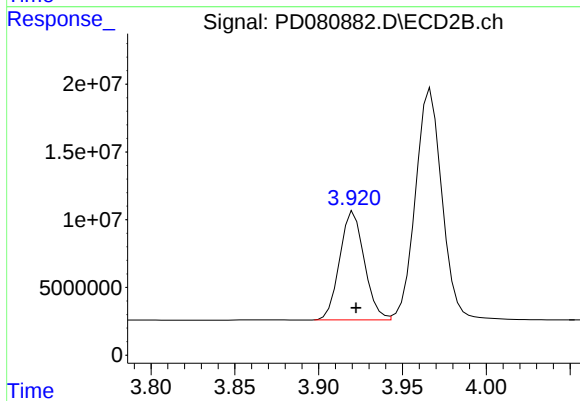
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 203806014
Conc: 55.96 ng/ml



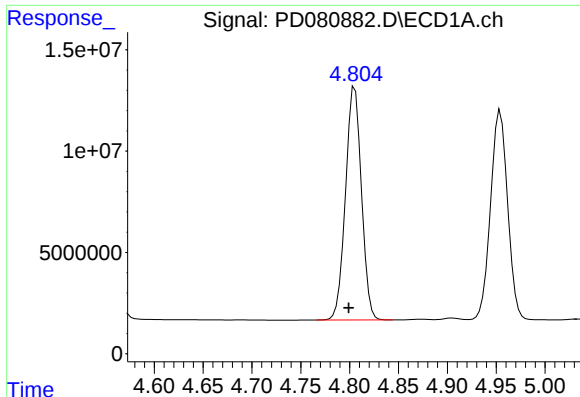
#6 beta-BHC

R.T.: 4.556 min
Delta R.T.: 0.006 min
Response: 51392014
Conc: 50.79 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 81873944
Conc: 52.40 ng/ml



#7 delta-BHC

R.T.: 4.805 min
Delta R.T.: 0.006 min
Response: 130867410
Conc: 52.16 ng/ml

Instrument :

ECD_D

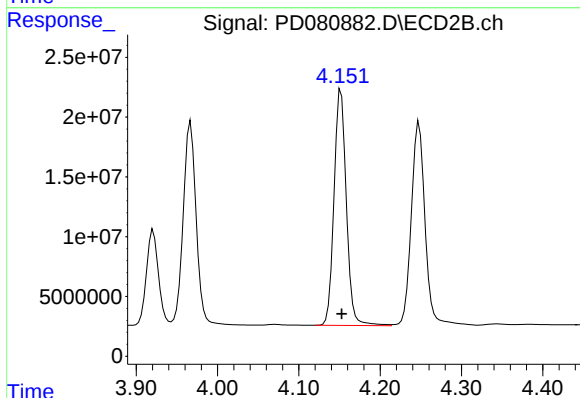
ClientSampleId :

PSTDCCC050

Manual Integrations

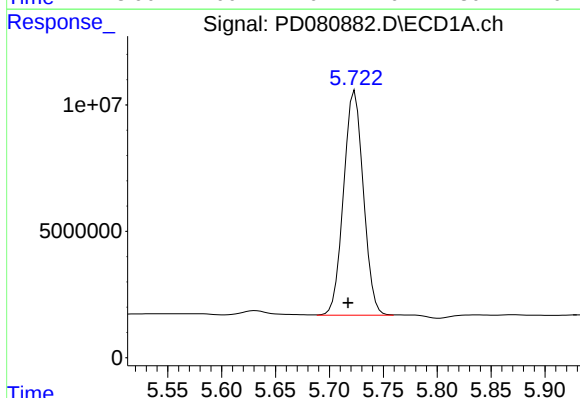
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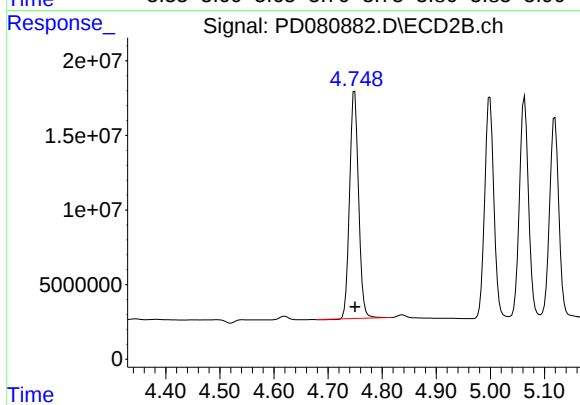
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 208262368
Conc: 55.49 ng/ml



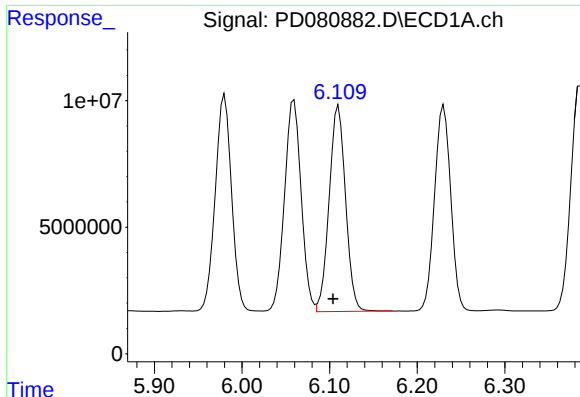
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.005 min
Response: 113659406
Conc: 50.76 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 176075910
Conc: 52.57 ng/ml



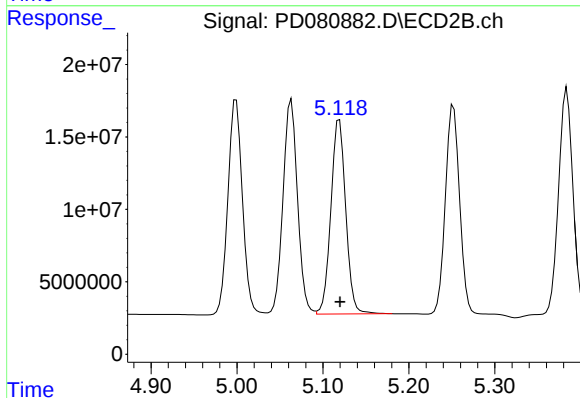
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.006 min
Response: 105916063
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

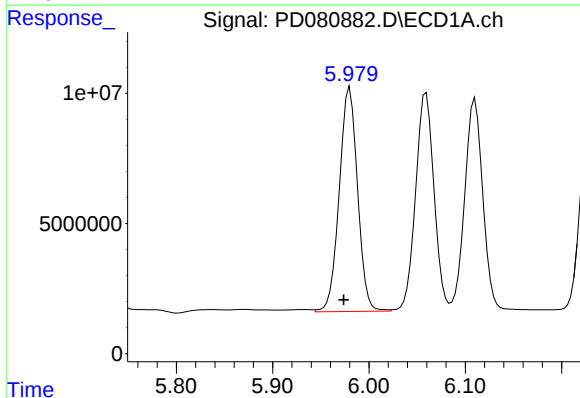
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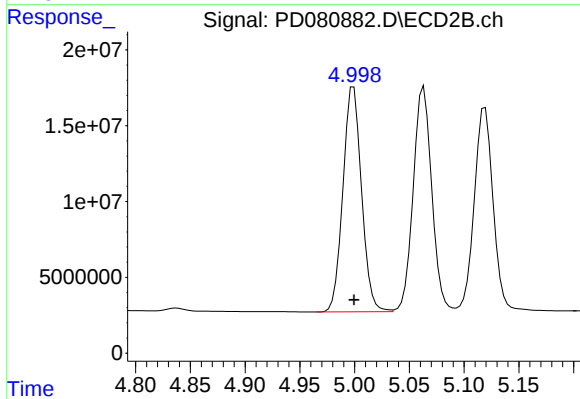
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 160917900
Conc: 52.54 ng/ml



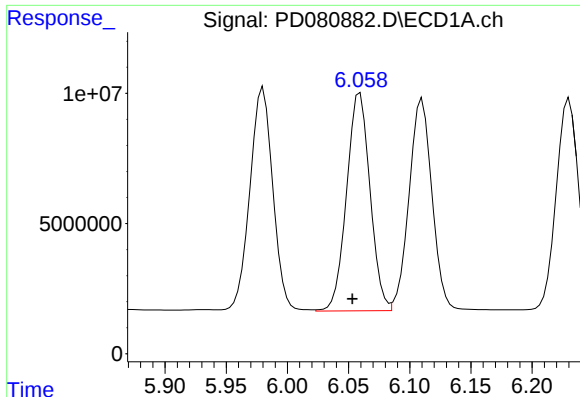
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.006 min
Response: 113303589
Conc: 51.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 175224036
Conc: 53.57 ng/ml



#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.006 min
Response: 111503874
Conc: 51.21 ng/ml

Instrument :

ECD_D

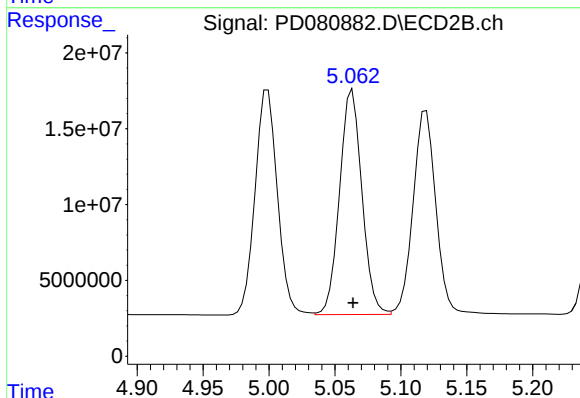
ClientSampleId :

PSTDCCC050

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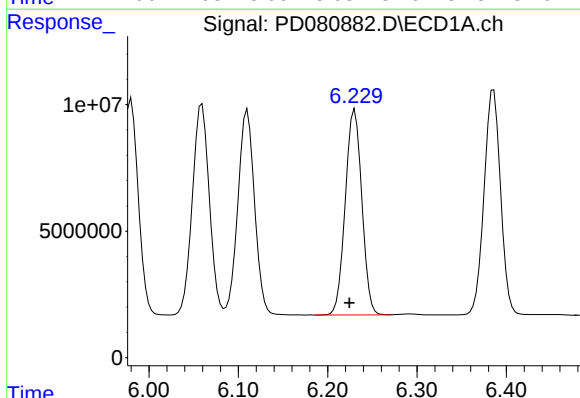
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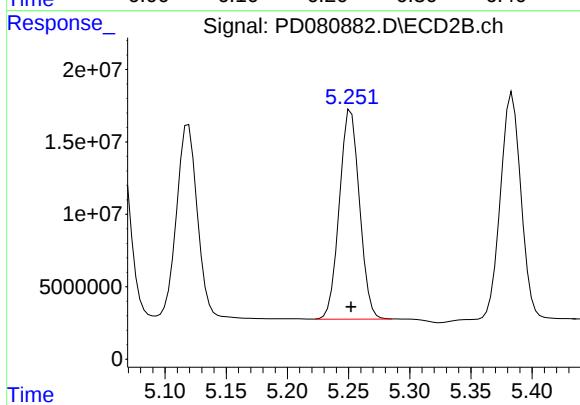
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 174591962
Conc: 53.40 ng/ml



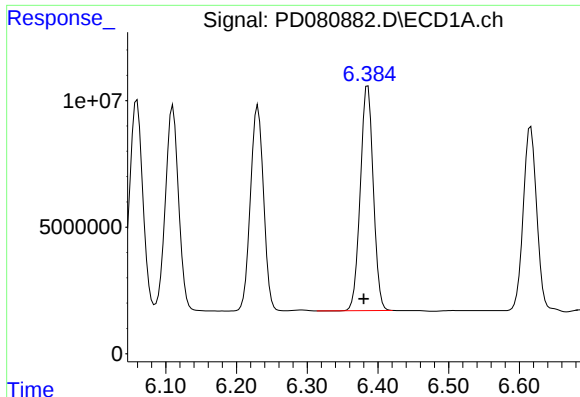
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.006 min
Response: 104520359
Conc: 51.36 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 165581687
Conc: 54.05 ng/ml m



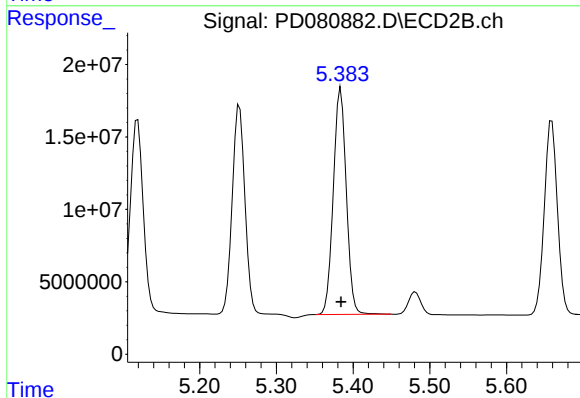
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.006 min
Response: 113298017
Conc: 51.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

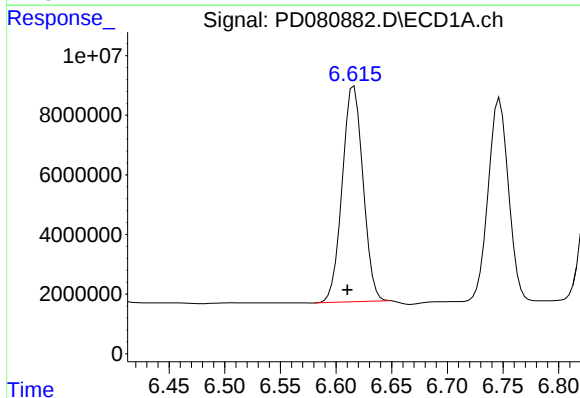
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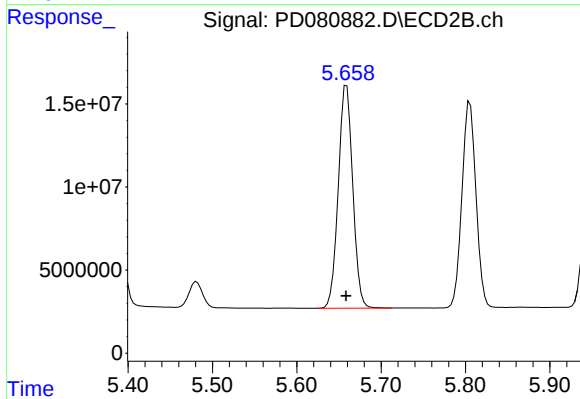
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 183534343
Conc: 53.97 ng/ml



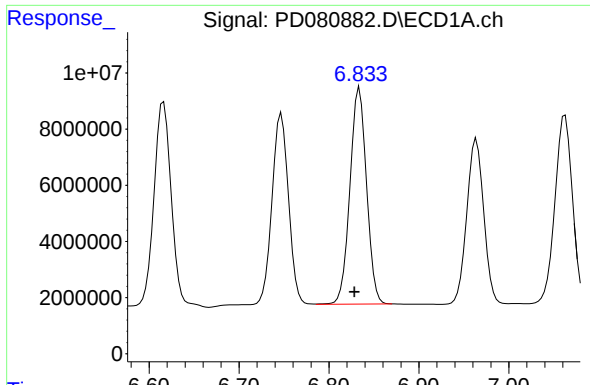
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.006 min
Response: 94361021
Conc: 50.52 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 160028402
Conc: 54.00 ng/ml



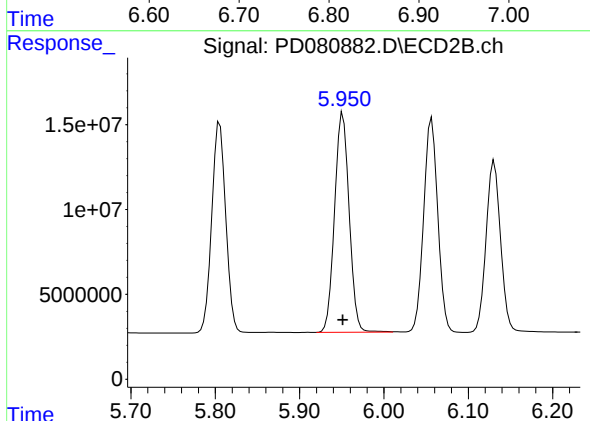
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.006 min
Response: 98754959
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

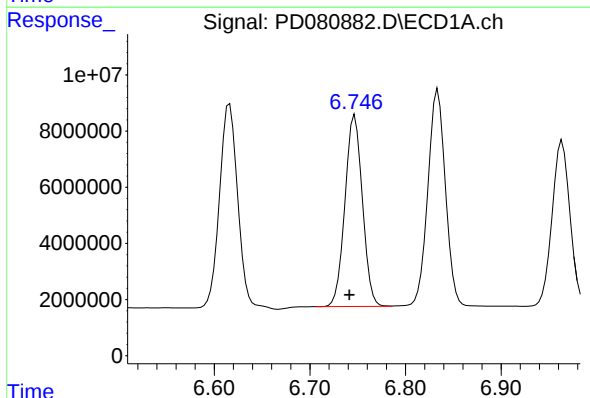
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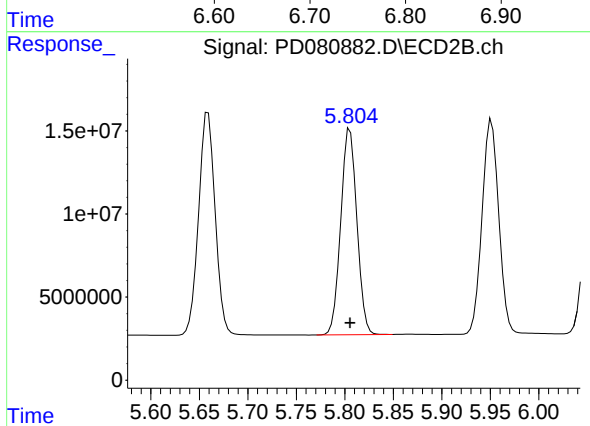
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 155526918
Conc: 54.08 ng/ml



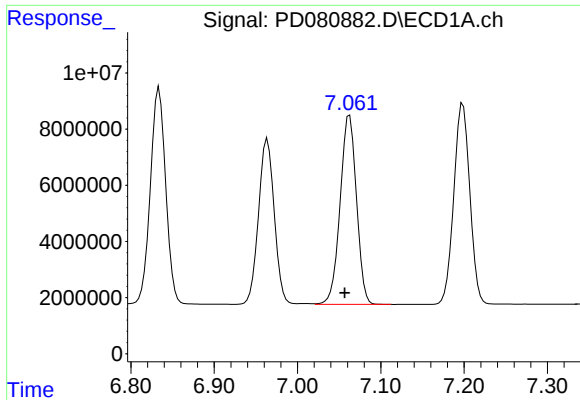
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.006 min
Response: 86750659
Conc: 52.80 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 143390082
Conc: 54.62 ng/ml



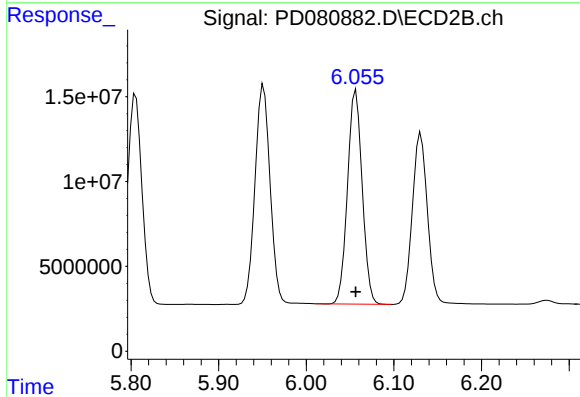
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.006 min
Response: 91917625
Conc: 51.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

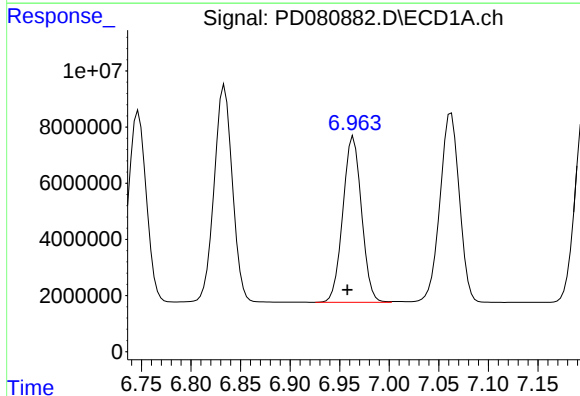
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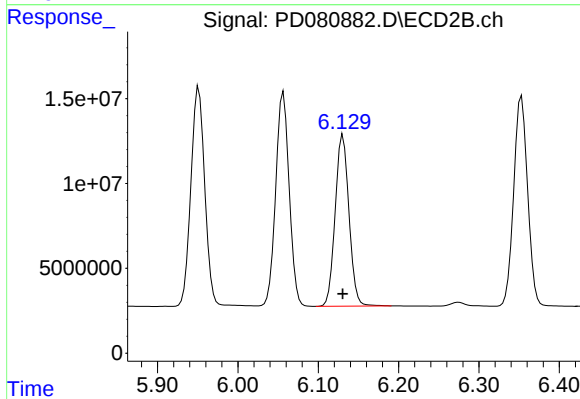
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 146848272
Conc: 55.35 ng/ml



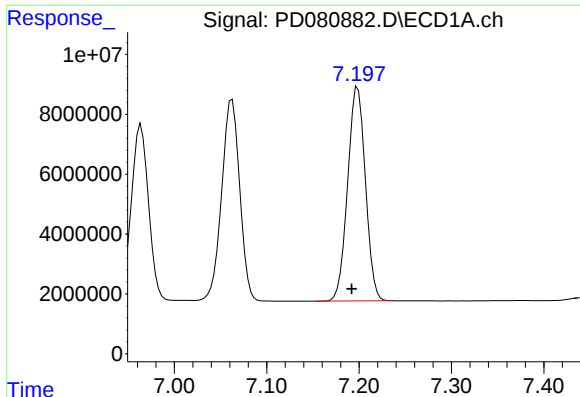
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.006 min
Response: 77379153
Conc: 50.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 120644487
Conc: 53.51 ng/ml



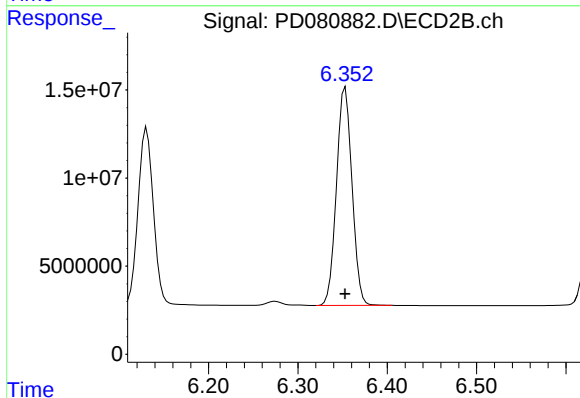
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.007 min
Response: 95568081
Conc: 50.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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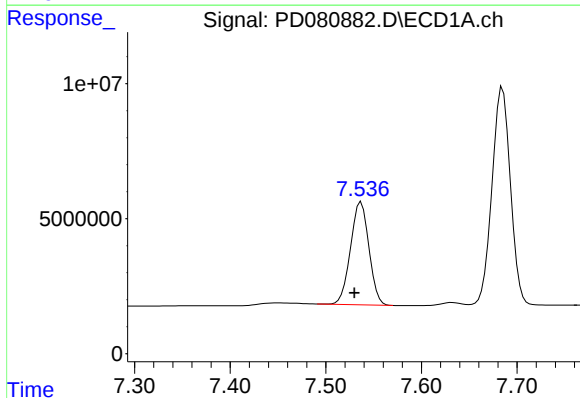
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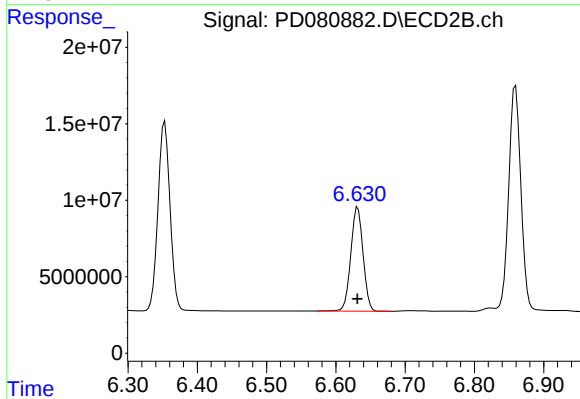
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 149660816
Conc: 53.65 ng/ml



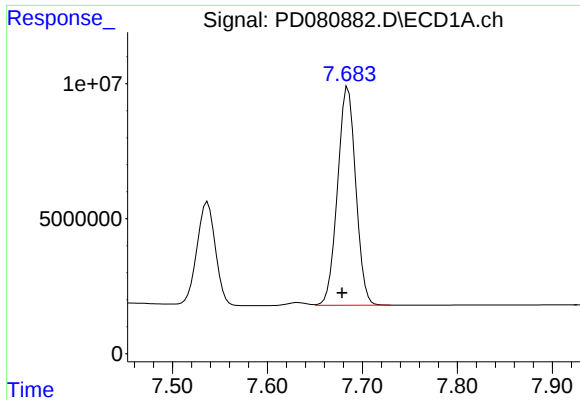
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.007 min
Response: 51101871
Conc: 49.65 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 83642637
Conc: 53.44 ng/ml



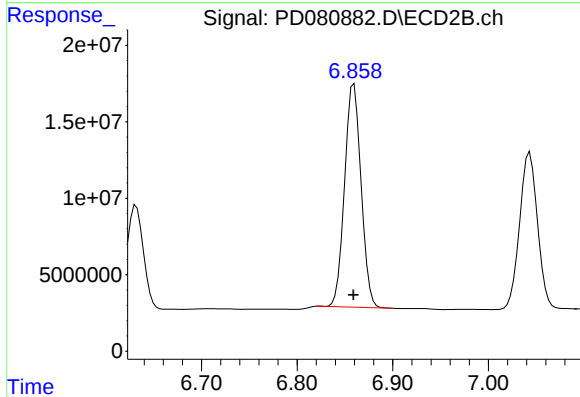
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.006 min
Response: 107896739
Conc: 51.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

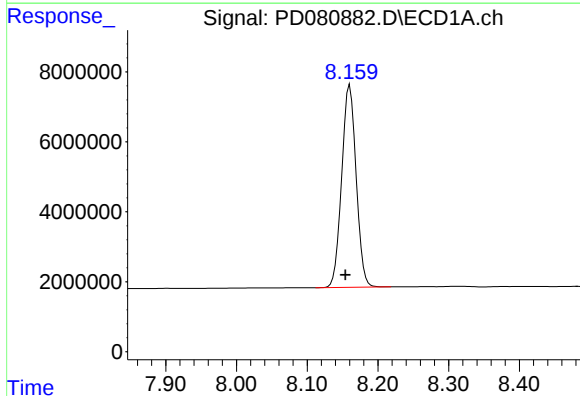
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/26/2024
Supervised By :Ankita Jodhani 01/26/2024



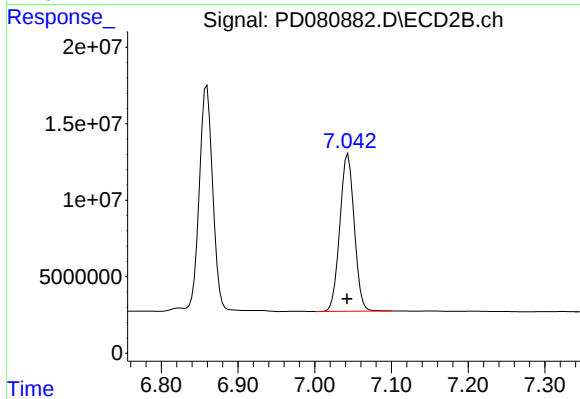
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 175563767
Conc: 54.40 ng/ml



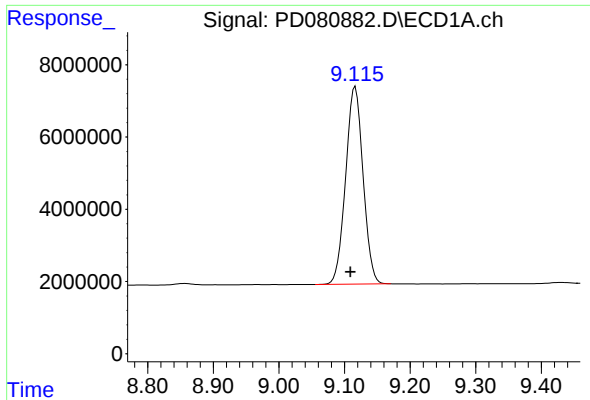
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.006 min
Response: 82164701
Conc: 49.82 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.001 min
Response: 134562021
Conc: 53.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.008 min
Response: 100985106
Conc: 50.18 ng/ml

Instrument :

ECD_D

ClientSampleId :

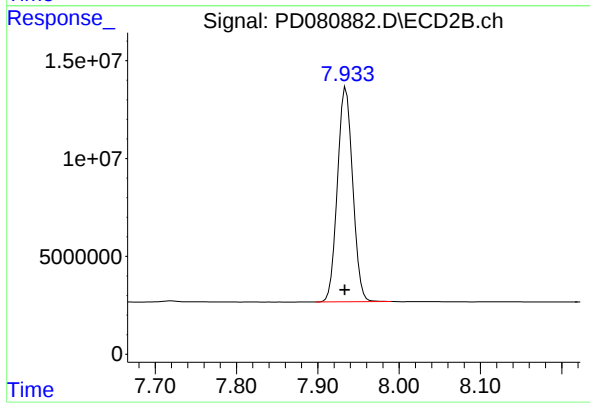
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 142696649
Conc: 53.57 ng/ml