

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121223\
 Data File : PD080035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 11:10
 Operator : AR\AJ
 Sample : PB157669BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB157669BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/13/2023
 Supervised By : Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 13:59:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 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...	3.573	2.798	26701733	42929753	17.716	17.078
28)	SA Decachlor...	9.119	7.943	38410935	50314211	18.976	17.849
Target Compounds							
2)	A alpha-BHC	4.030	3.301	113.9E6	170.9E6	45.364	44.691
3)	MA gamma-BHC...	4.364	3.631	107.8E6	162.8E6	45.492	44.803
4)	MA Heptachlor	4.957	3.973	110.6E6	159.6E6	44.968	45.528
5)	MB Aldrin	5.300	4.254	106.4E6	157.1E6	44.793	44.118
6)	B beta-BHC	4.558	3.926	43868515	66231745	43.835	42.903
7)	B delta-BHC	4.807	4.157	108.1E6	162.8E6	44.121	43.227
8)	B Heptachlo...	5.726	4.756	99191196	145.0E6	45.029	44.222
9)	A Endosulfan I	6.113	5.126	92924892	134.7E6	45.191	44.600
10)	B gamma-Chl...	5.983	5.006	99333151	143.2E6	45.629	44.431
11)	B alpha-Chl...	6.062	5.070	96888375	142.6E6	44.915	44.359
12)	B 4,4'-DDE	6.233	5.259	91015404	134.4E6	45.392	44.592
13)	MA Dieldrin	6.389	5.391	98377261	147.8E6	45.089	45.151
14)	MA Endrin	6.619	5.666	83236300	133.1E6	45.899	47.356
15)	B Endosulfa...	6.836	5.958	84166357	123.3E6	44.181	45.173
16)	A 4,4'-DDD	6.749	5.813	76684247	115.3E6	45.774	44.763
17)	MA 4,4'-DDT	7.064	6.064	83145291	116.1E6	46.734	45.699
18)	B Endrin al...	6.966	6.138	67336217	95931431	47.003	46.730
19)	B Endosulfa...	7.201	6.360	85161433	121.5E6	44.914	45.317
20)	A Methoxychlor	7.539	6.639	43904762	65243436	44.420	44.616
21)	B Endrin ke...	7.687	6.865	92626177	145.2E6	44.736	46.468m
22)	Mirex	8.163	7.051	72951003	113.8E6	44.595	47.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121223\
Data File : PD080035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2023 11:10
Operator : AR\AJ
Sample : PB157669BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB157669BS

Manual Integrations

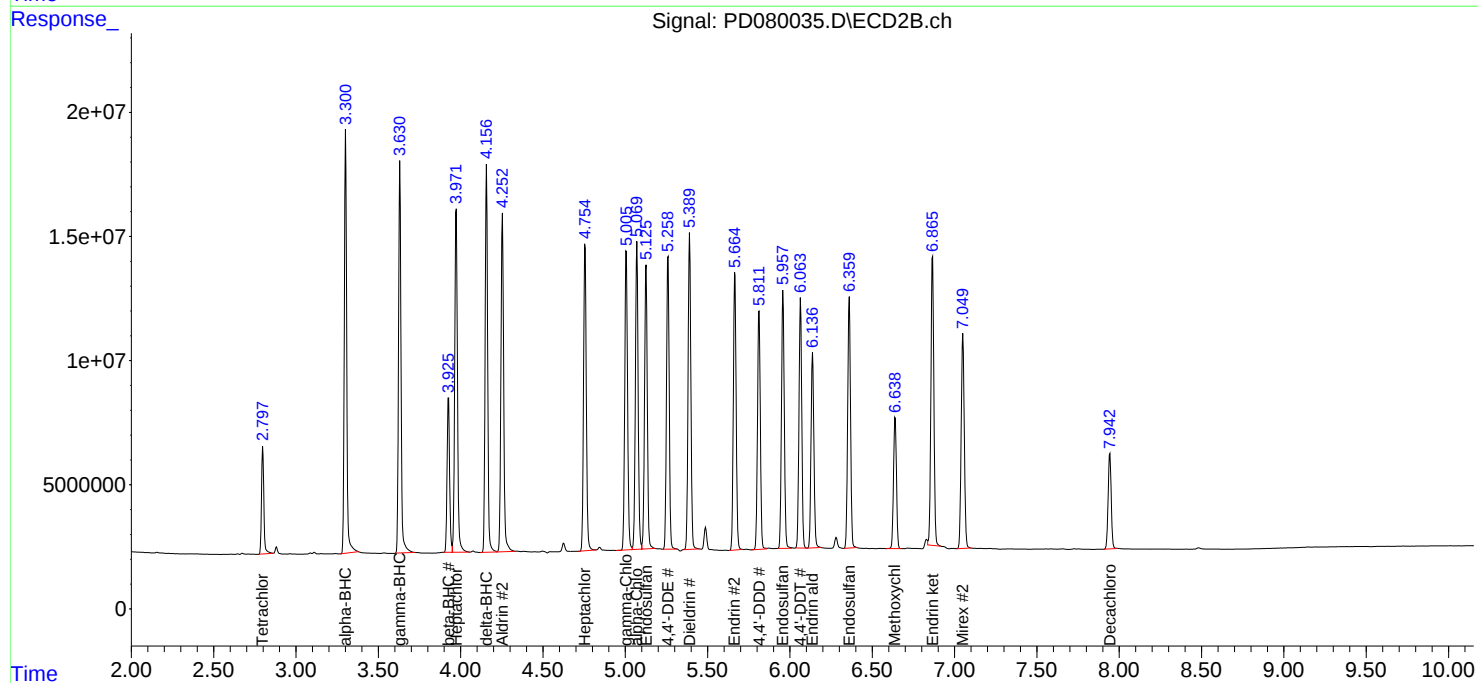
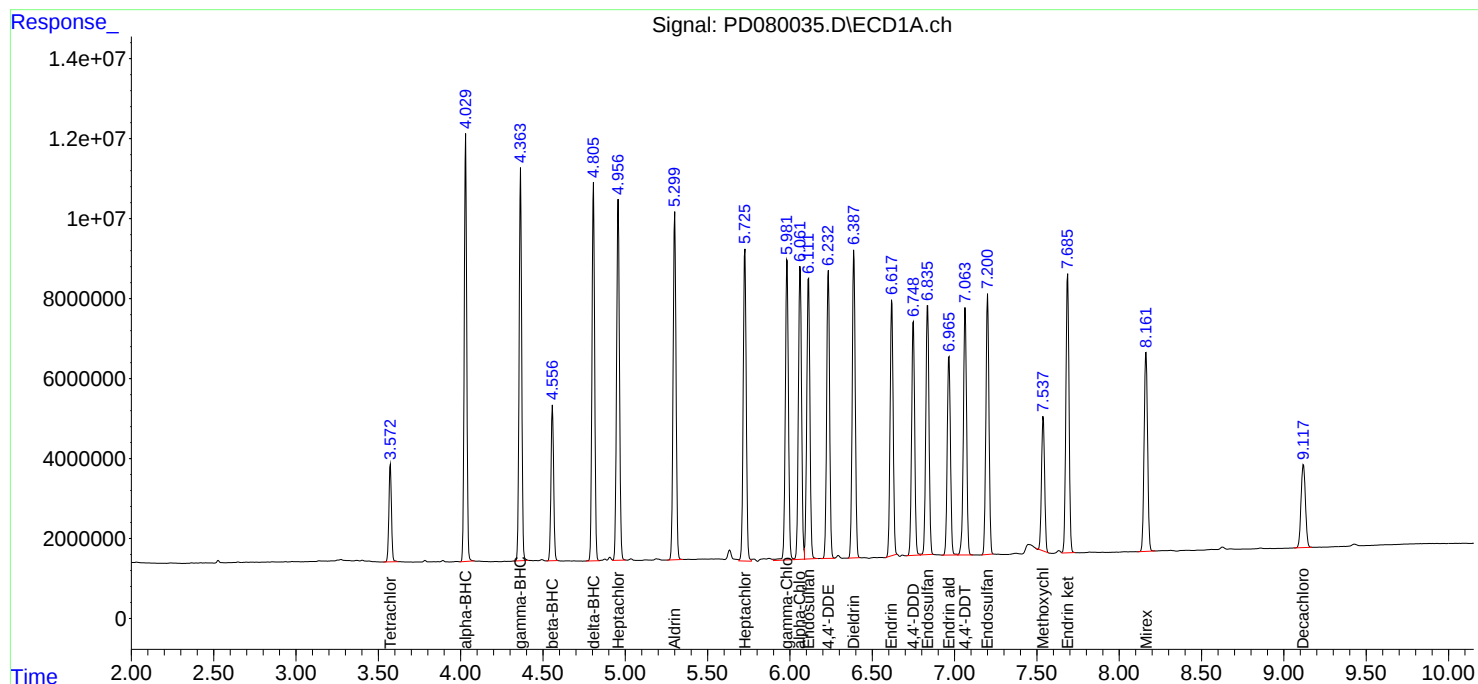
APPROVED

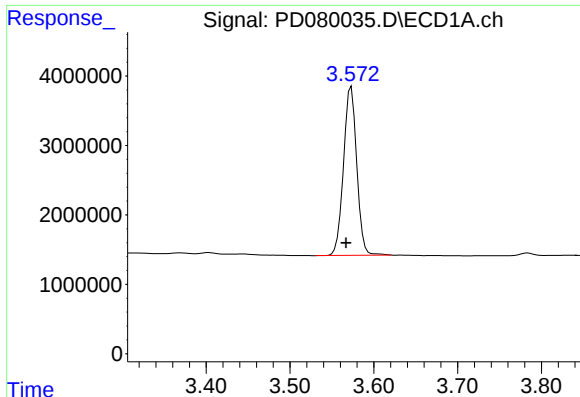
Reviewed By :Abdul Mirza 12/13/2023

Supervised By :Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 13:59:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 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





#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: 0.006 min
Response: 26701733
Conc: 17.72 ng/ml

Instrument :

ECD_D

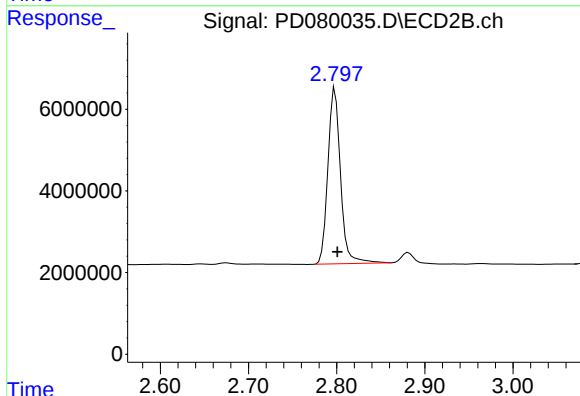
ClientSampleId :

PB157669BS

Manual Integrations

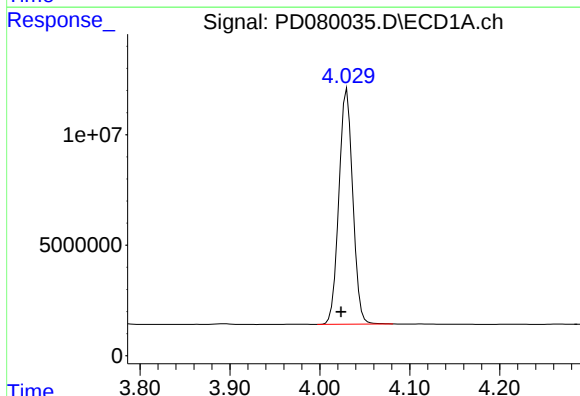
APPROVED

Reviewed By :Abdul Mirza 12/13/2023
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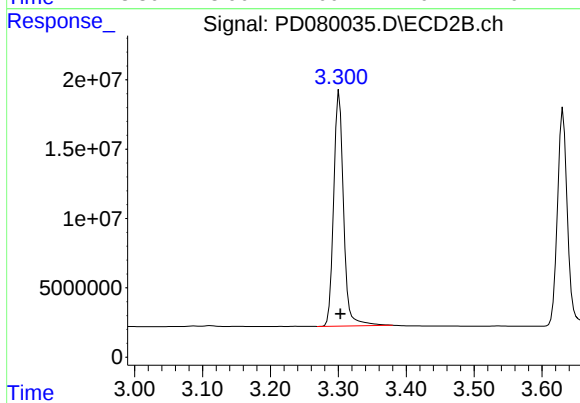
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: -0.002 min
Response: 42929753
Conc: 17.08 ng/ml



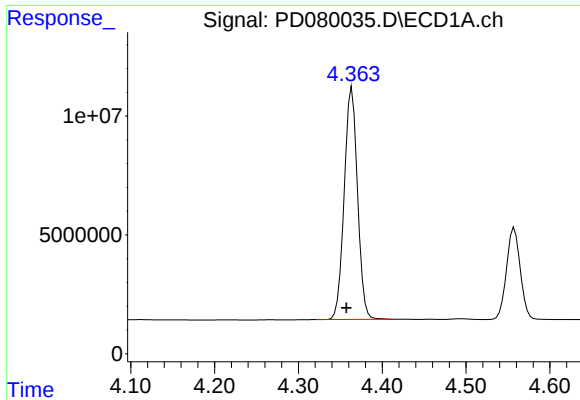
#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.007 min
Response: 113948736
Conc: 45.36 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.002 min
Response: 170885627
Conc: 44.69 ng/ml



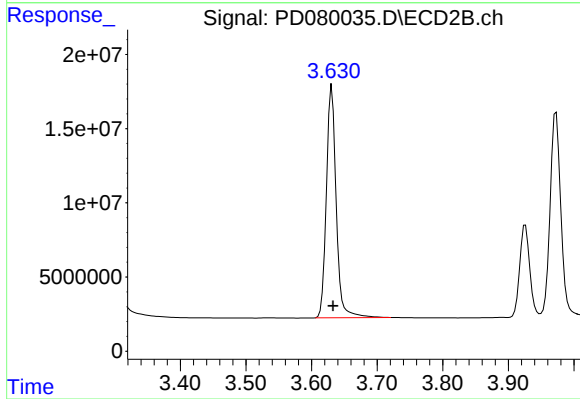
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.007 min
Response: 107781222
Conc: 45.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

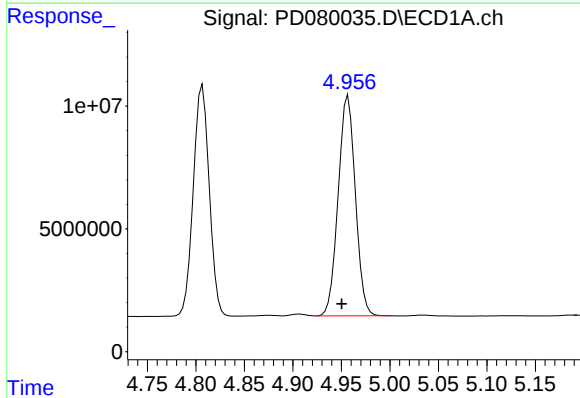
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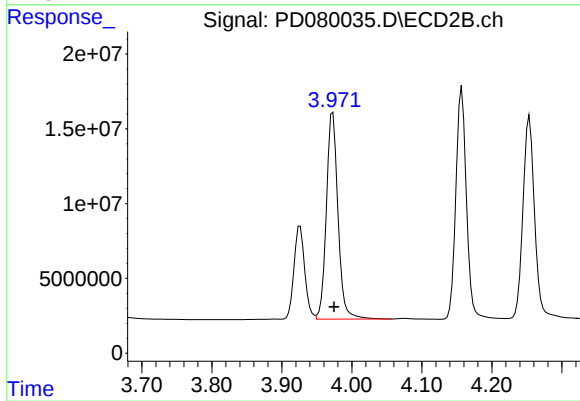
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.002 min
Response: 162817471
Conc: 44.80 ng/ml



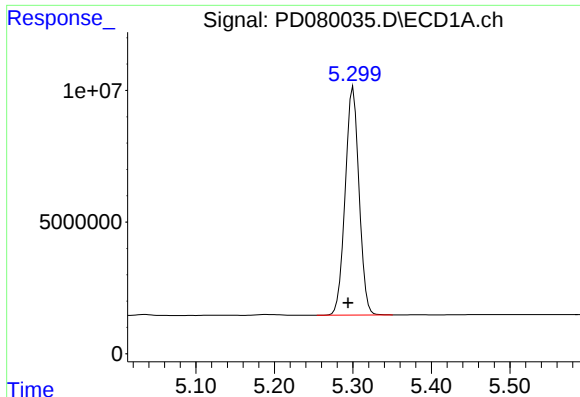
#4 Heptachlor

R.T.: 4.957 min
Delta R.T.: 0.007 min
Response: 110588773
Conc: 44.97 ng/ml



#4 Heptachlor

R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 159642067
Conc: 45.53 ng/ml



#5 Aldrin

R.T.: 5.300 min
Delta R.T.: 0.006 min
Response: 106369367
Conc: 44.79 ng/ml

Instrument :

ECD_D

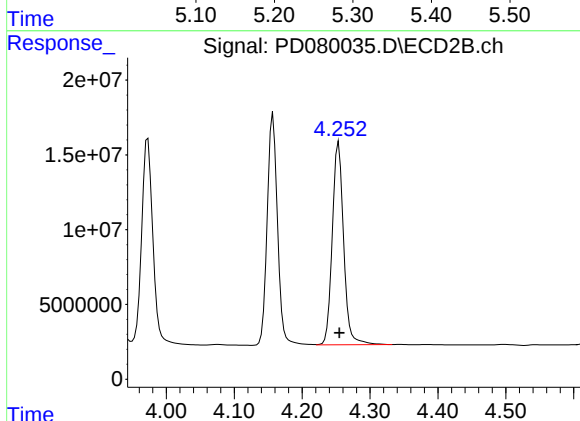
ClientSampleId :

PB157669BS

Manual Integrations

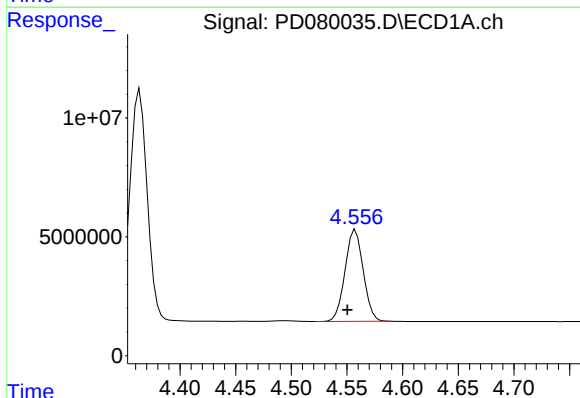
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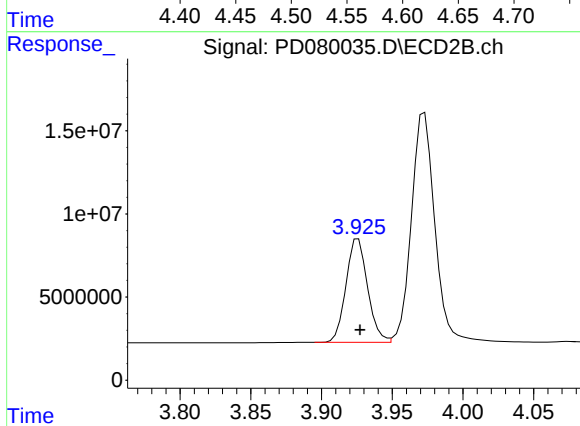
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 157065731
Conc: 44.12 ng/ml



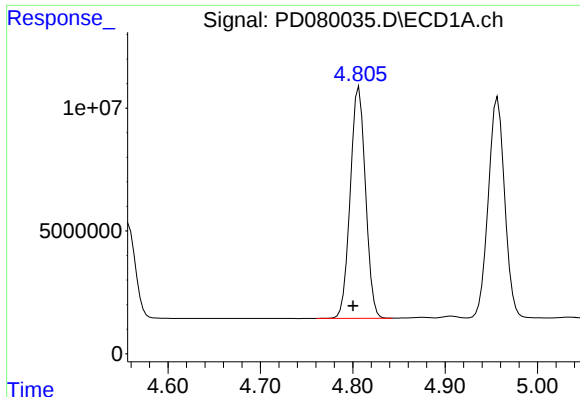
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.007 min
Response: 43868515
Conc: 43.83 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.001 min
Response: 66231745
Conc: 42.90 ng/ml



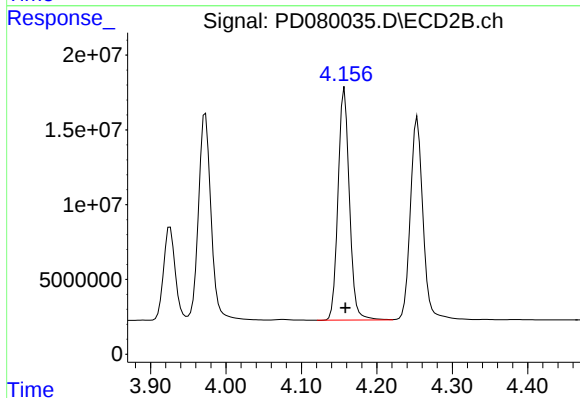
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: 0.007 min
Response: 108050439
Conc: 44.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

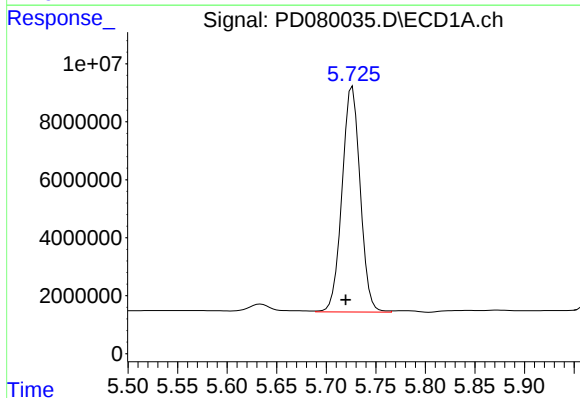
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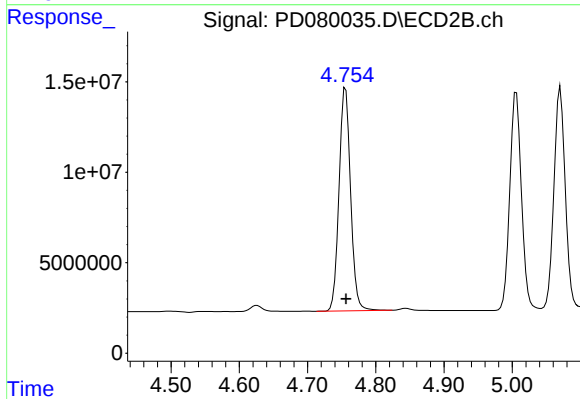
#7 delta-BHC

R.T.: 4.157 min
Delta R.T.: -0.001 min
Response: 162776396
Conc: 43.23 ng/ml



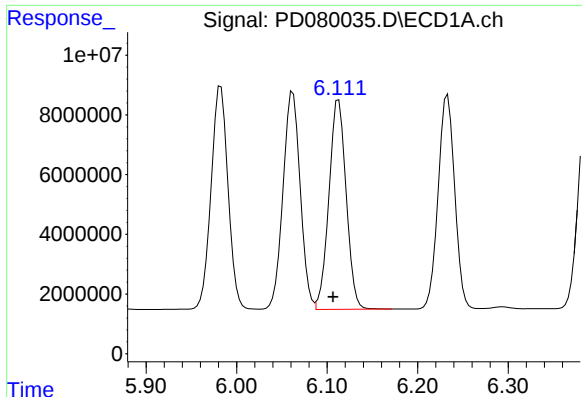
#8 Heptachlor epoxide

R.T.: 5.726 min
Delta R.T.: 0.007 min
Response: 99191196
Conc: 45.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 145019701
Conc: 44.22 ng/ml



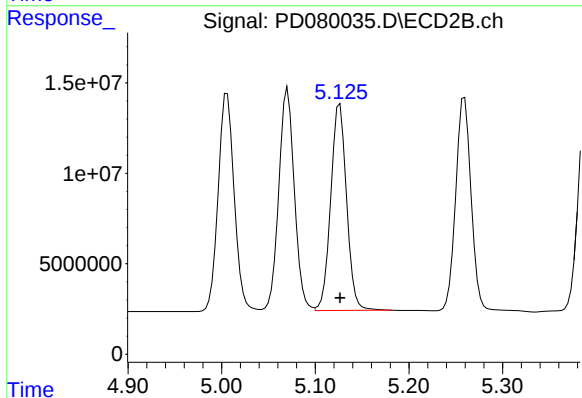
#9 Endosulfan I

R.T.: 6.113 min
Delta R.T.: 0.006 min
Response: 92924892
Conc: 45.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

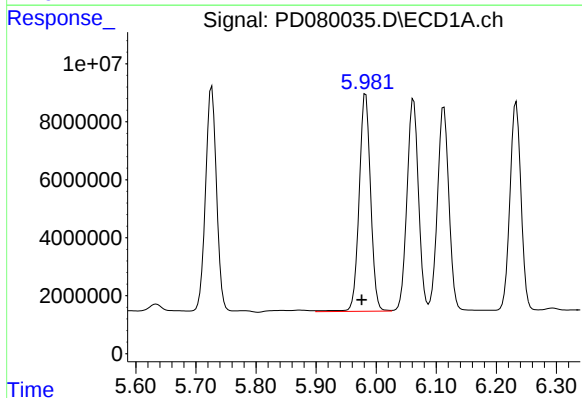
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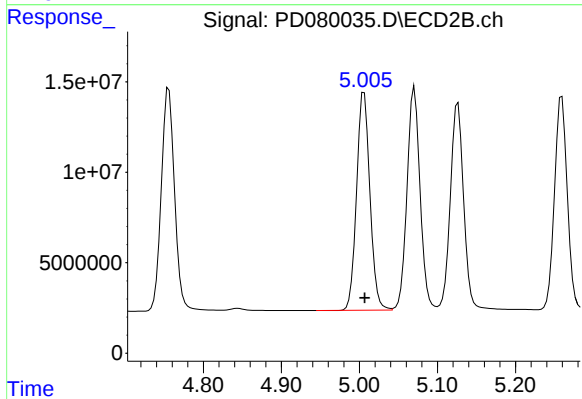
#9 Endosulfan I

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 134659567
Conc: 44.60 ng/ml



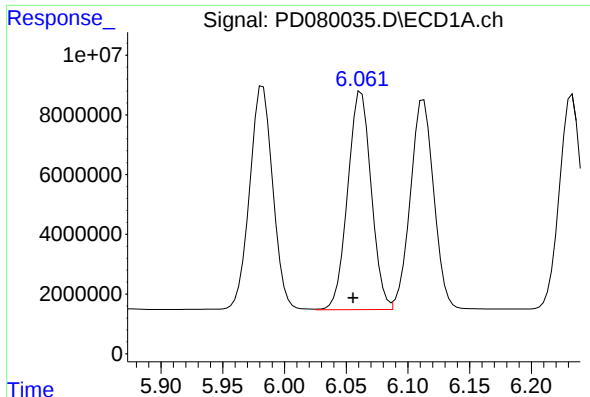
#10 gamma-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.007 min
Response: 99333151
Conc: 45.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 143230375
Conc: 44.43 ng/ml



#11 alpha-Chlordane

R.T.: 6.062 min
Delta R.T.: 0.007 min
Response: 96888375
Conc: 44.91 ng/ml

Instrument :

ECD_D

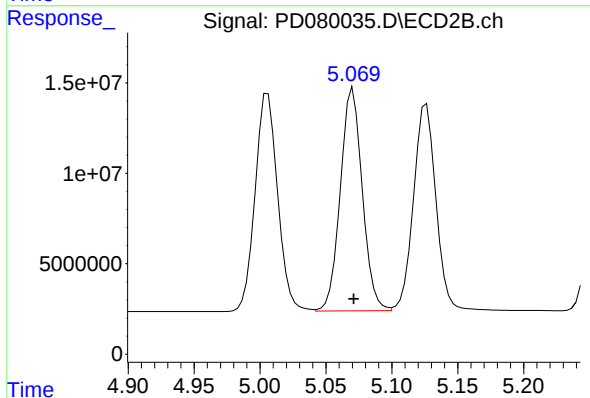
ClientSampleId :

PB157669BS

Manual Integrations

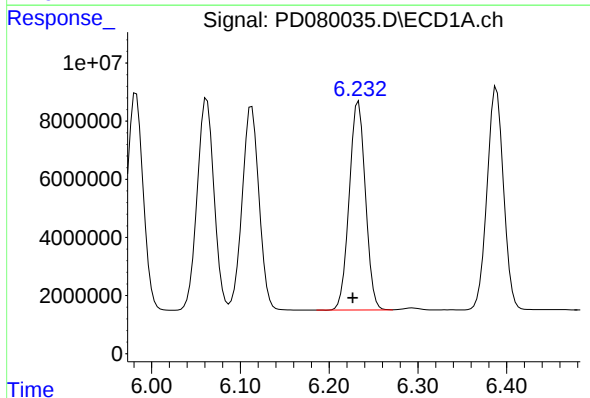
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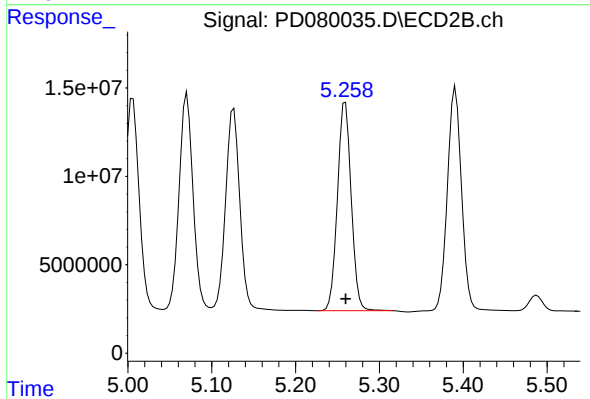
#11 alpha-Chlordane

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 142562215
Conc: 44.36 ng/ml



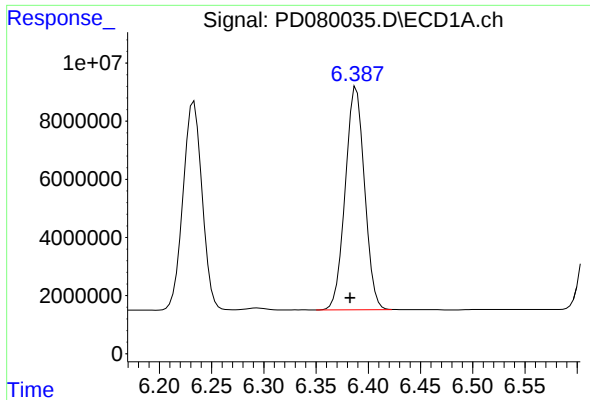
#12 4,4'-DDE

R.T.: 6.233 min
Delta R.T.: 0.007 min
Response: 91015404
Conc: 45.39 ng/ml



#12 4,4'-DDE

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 134412232
Conc: 44.59 ng/ml



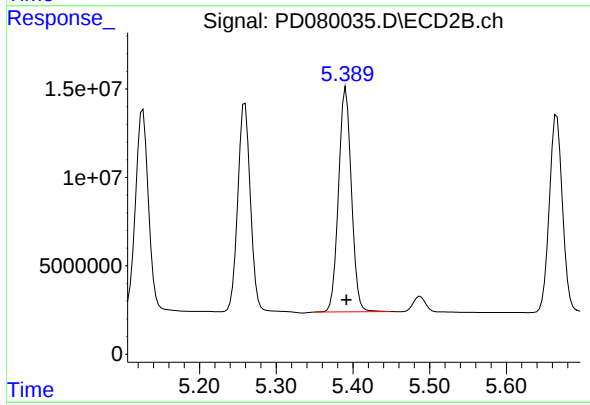
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: 0.006 min
Response: 98377261
Conc: 45.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

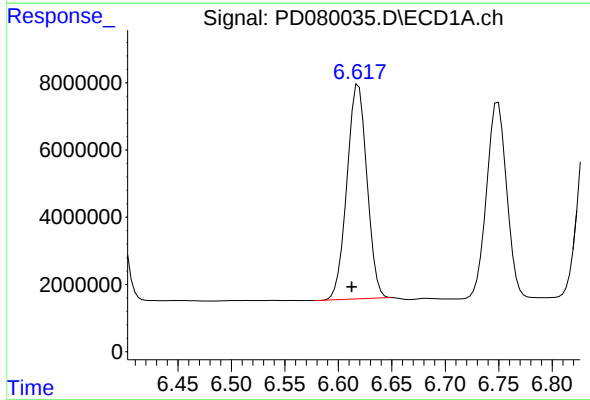
Manual Integrations
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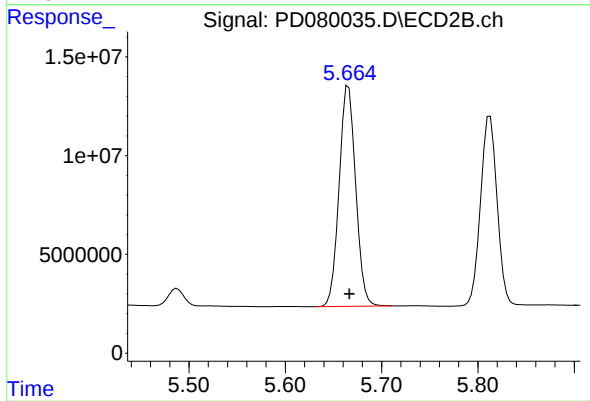
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 147843361
Conc: 45.15 ng/ml



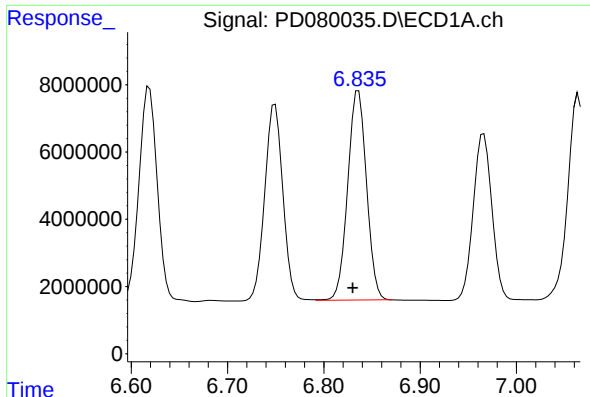
#14 Endrin

R.T.: 6.619 min
Delta R.T.: 0.006 min
Response: 83236300
Conc: 45.90 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 133072243
Conc: 47.36 ng/ml



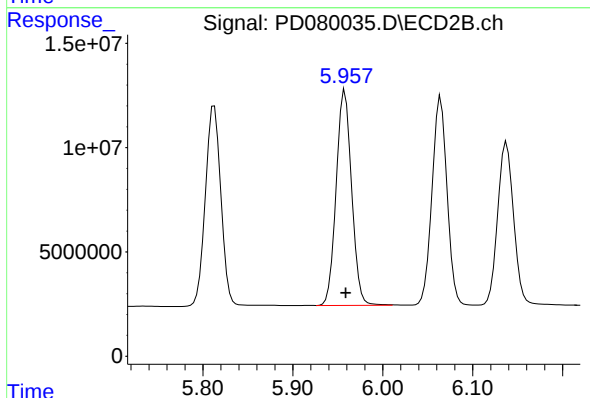
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: 0.006 min
Response: 84166357
Conc: 44.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

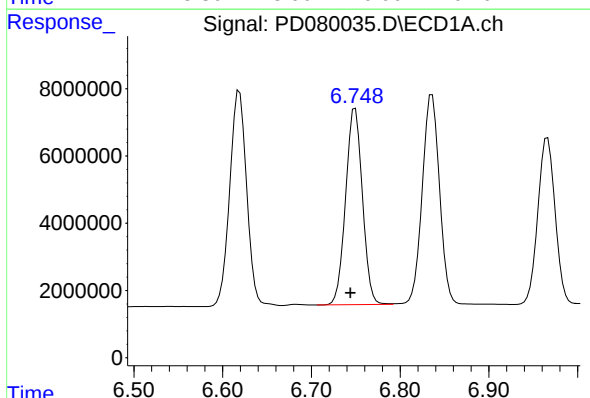
Manual Integrations
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Reviewed By :Abdul Mirza 12/13/2023
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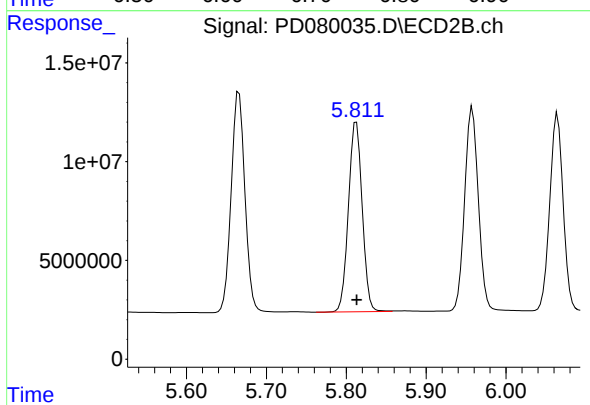
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 123257450
Conc: 45.17 ng/ml



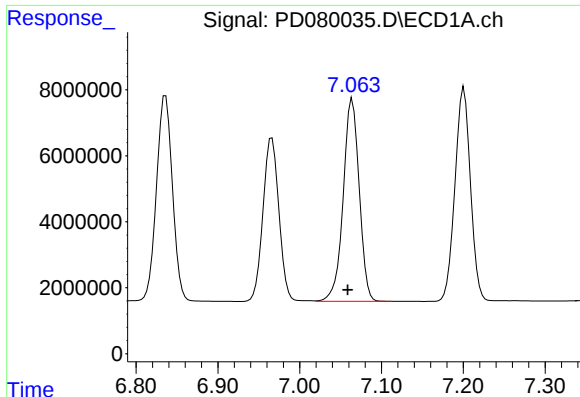
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.006 min
Response: 76684247
Conc: 45.77 ng/ml



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 115267665
Conc: 44.76 ng/ml



#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.006 min
Response: 83145291
Conc: 46.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

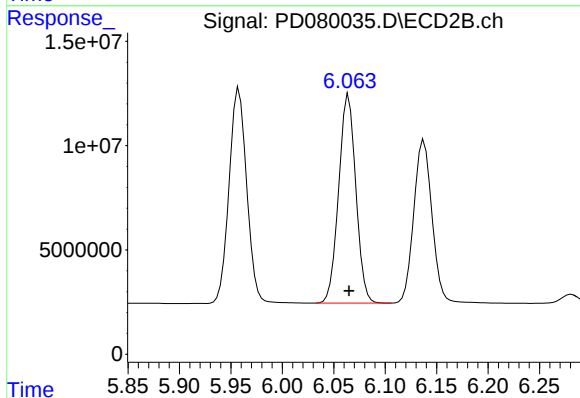
PB157669BS

Manual Integrations

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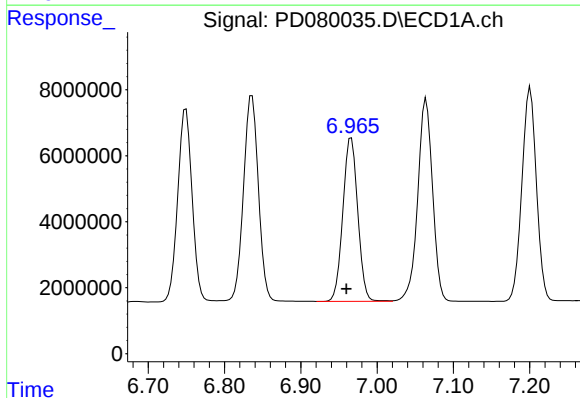
Reviewed By :Abdul Mirza 12/13/2023

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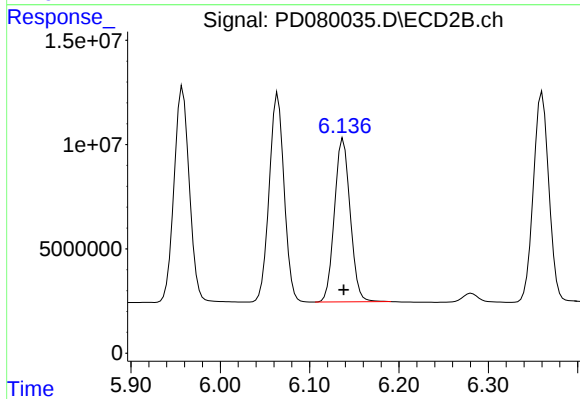
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 116101669
Conc: 45.70 ng/ml



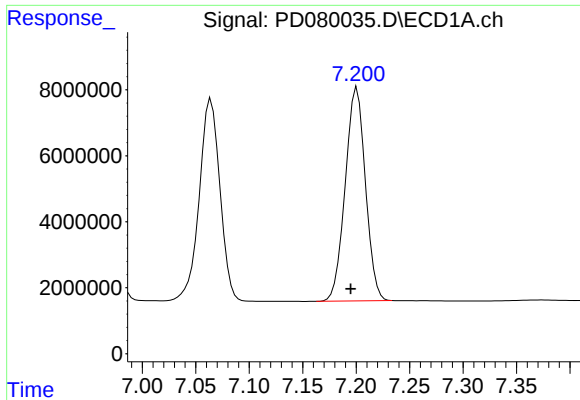
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.006 min
Response: 67336217
Conc: 47.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 95931431
Conc: 46.73 ng/ml



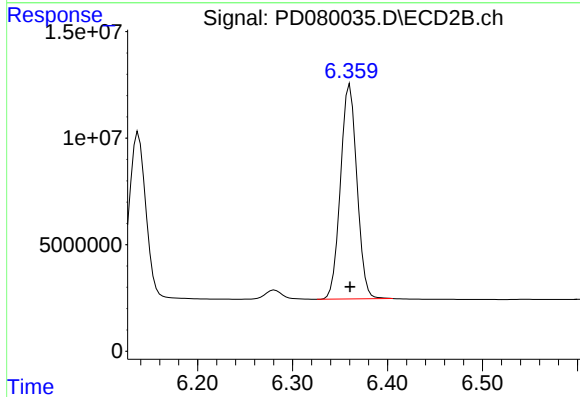
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.006 min
Response: 85161433
Conc: 44.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

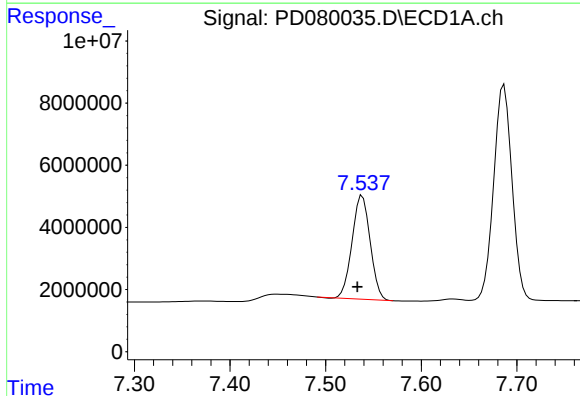
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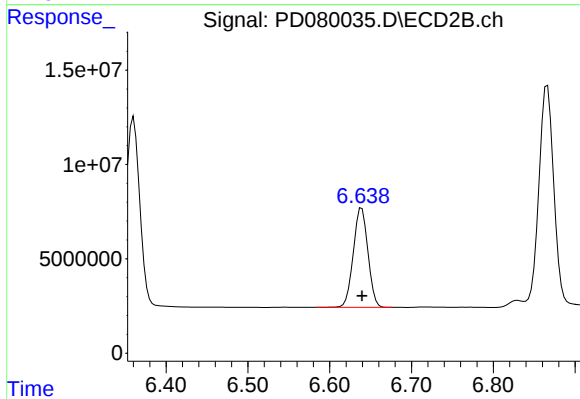
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 121493407
Conc: 45.32 ng/ml



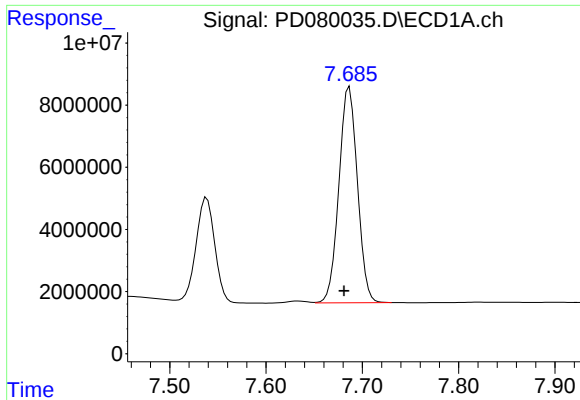
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.005 min
Response: 43904762
Conc: 44.42 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 65243436
Conc: 44.62 ng/ml



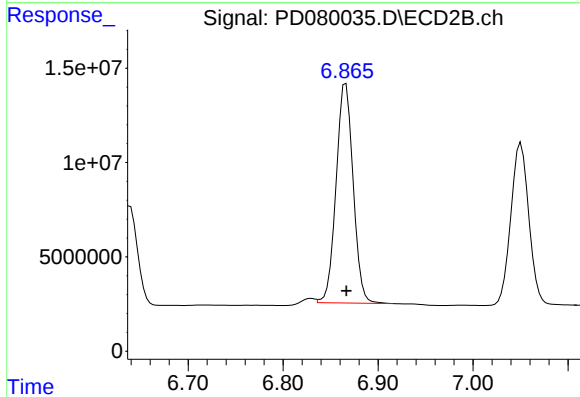
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.006 min
Response: 92626177
Conc: 44.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

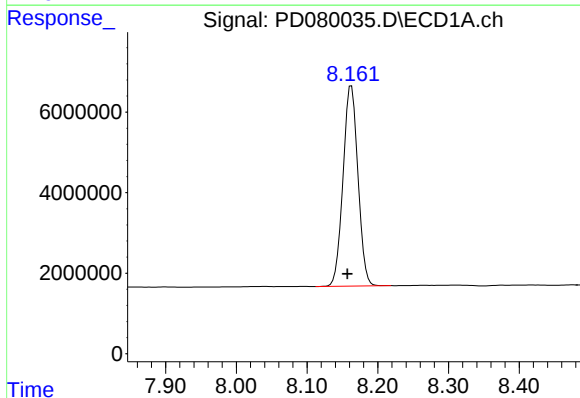
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



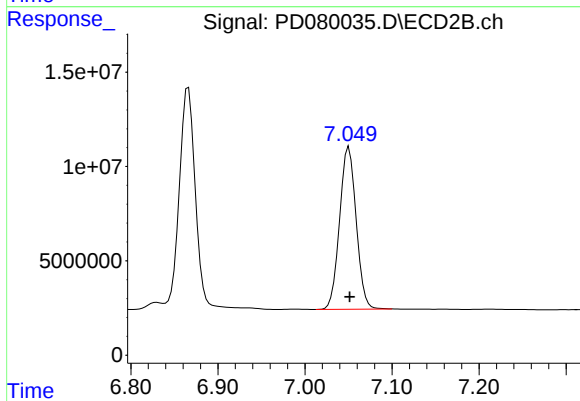
#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: -0.002 min
Response: 145226846
Conc: 46.47 ng/ml m



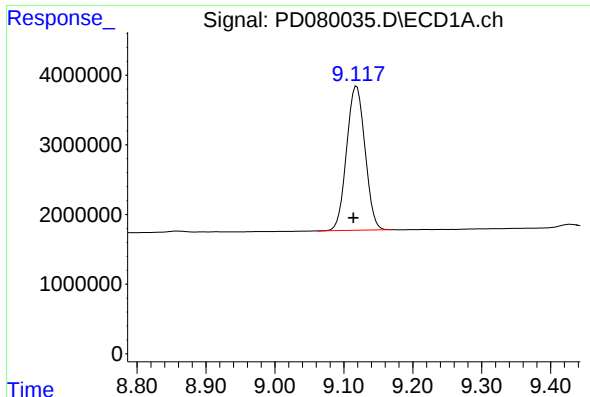
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.005 min
Response: 72951003
Conc: 44.60 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 113792435
Conc: 47.02 ng/ml



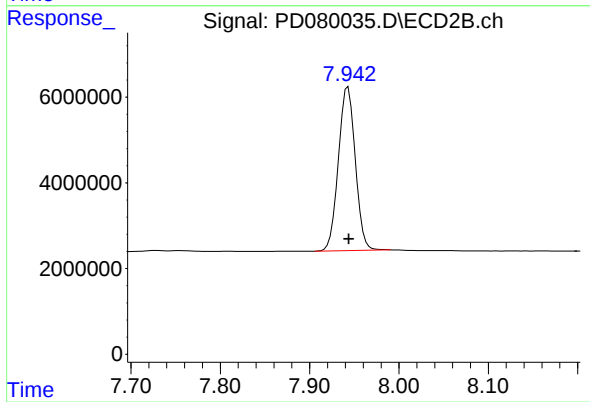
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 38410935
Conc: 18.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157669BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 50314211
Conc: 17.85 ng/ml