

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122623\
 Data File : PD080484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 22:50
 Operator : AR\AJ
 Sample : 05899-23MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 GHL-SS-19-0-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:30:56 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...	3.566	2.799	25331297	70277240	16.807	27.957 #
28)	SA Decachlor...	9.109	7.938	25962301	43773831	12.826	15.529
Target Compounds							
2)	A alpha-BHC	4.023	3.301	111.7E6	194.1E6	44.457	50.766
3)	MA gamma-BHC...	4.355	3.631	111.2E6	191.4E6	46.921m	52.674
4)	MA Heptachlor	4.949	3.972	110.7E6	176.4E6	44.999	50.297
5)	MB Aldrin	5.292	4.250	105.9E6	167.4E6	44.590	47.023m
6)	B beta-BHC	4.551	3.925	37541457	76853316	37.513	49.783 #
7)	B delta-BHC	4.799	4.156	109.7E6	191.2E6	44.798	50.788
8)	B Heptachlo...	5.719	4.753	97356596	161.8E6	44.196	49.338
9)	A Endosulfan I	6.104	5.125	98658147	103.8E6	47.979	34.371 #
10)	B gamma-Chl...	5.974	5.004	102.4E6	167.1E6	47.047	51.851
11)	B alpha-Chl...	6.054	5.068	99276972	162.2E6	46.022	50.454
12)	B 4,4'-DDE	6.224	5.257	66198071	153.9E6	33.015	51.050 #
13)	MA Dieldrin	6.380	5.386	92307322	163.9E6	42.307	50.040m
14)	MA Endrin	6.611	5.663	77338247	145.5E6	42.647	51.790
15)	B Endosulfa...	6.828	5.956	83041268	135.3E6	43.590	49.569
16)	A 4,4'-DDD	6.741	5.810	75795465	122.2E6	45.244	47.439
17)	MA 4,4'-DDT	7.056	6.061	74435054	120.5E6	41.838	47.439
18)	B Endrin al...	6.958	6.135	61915000	101.2E6	43.219	49.311
19)	B Endosulfa...	7.193	6.357	81528637	132.7E6	42.998	49.505
20)	A Methoxychlor	7.530	6.635	40748443	64601004	41.227	44.177
21)	B Endrin ke...	7.679	6.863	93182969	134.2E6	45.005	42.939
22)	Mirex	8.155	7.047	65324124	101.0E6	39.933	41.725

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122623\
Data File : PD080484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Dec 2023 22:50
Operator : AR\AJ
Sample : 05899-23MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

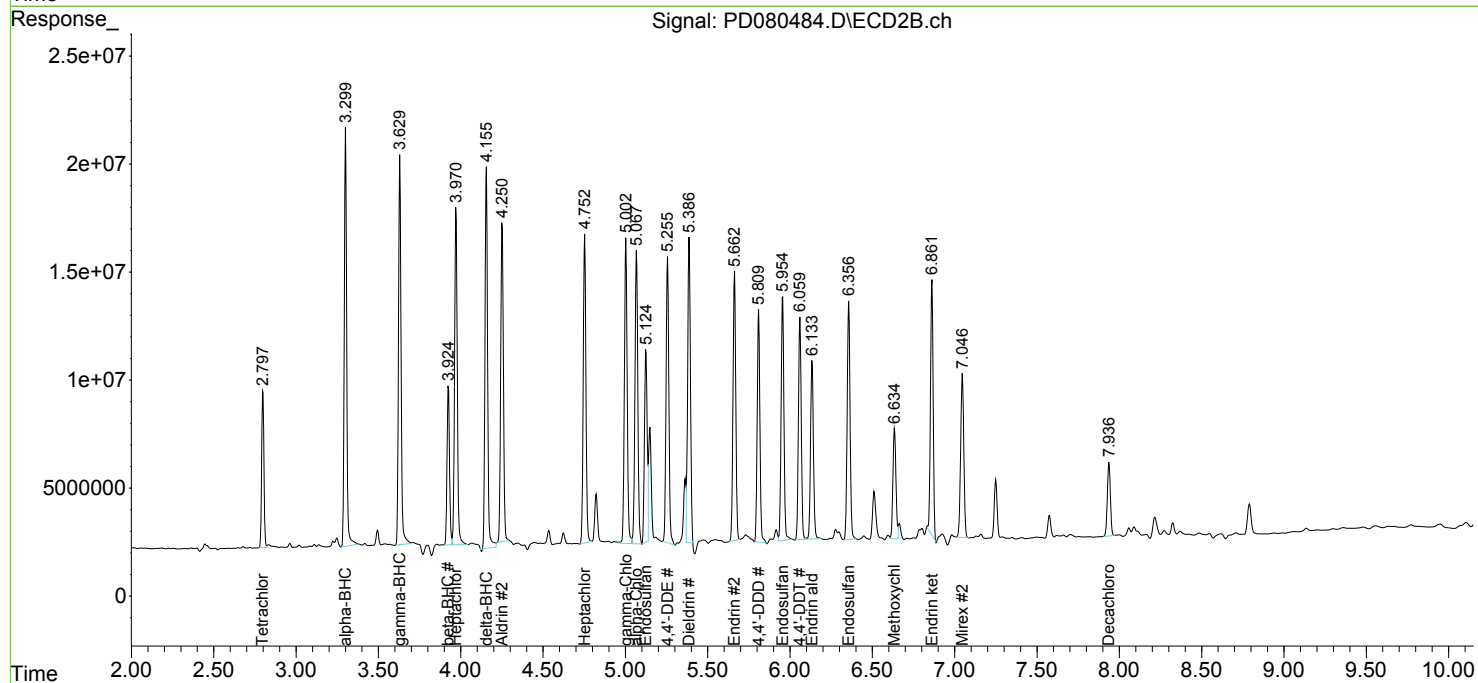
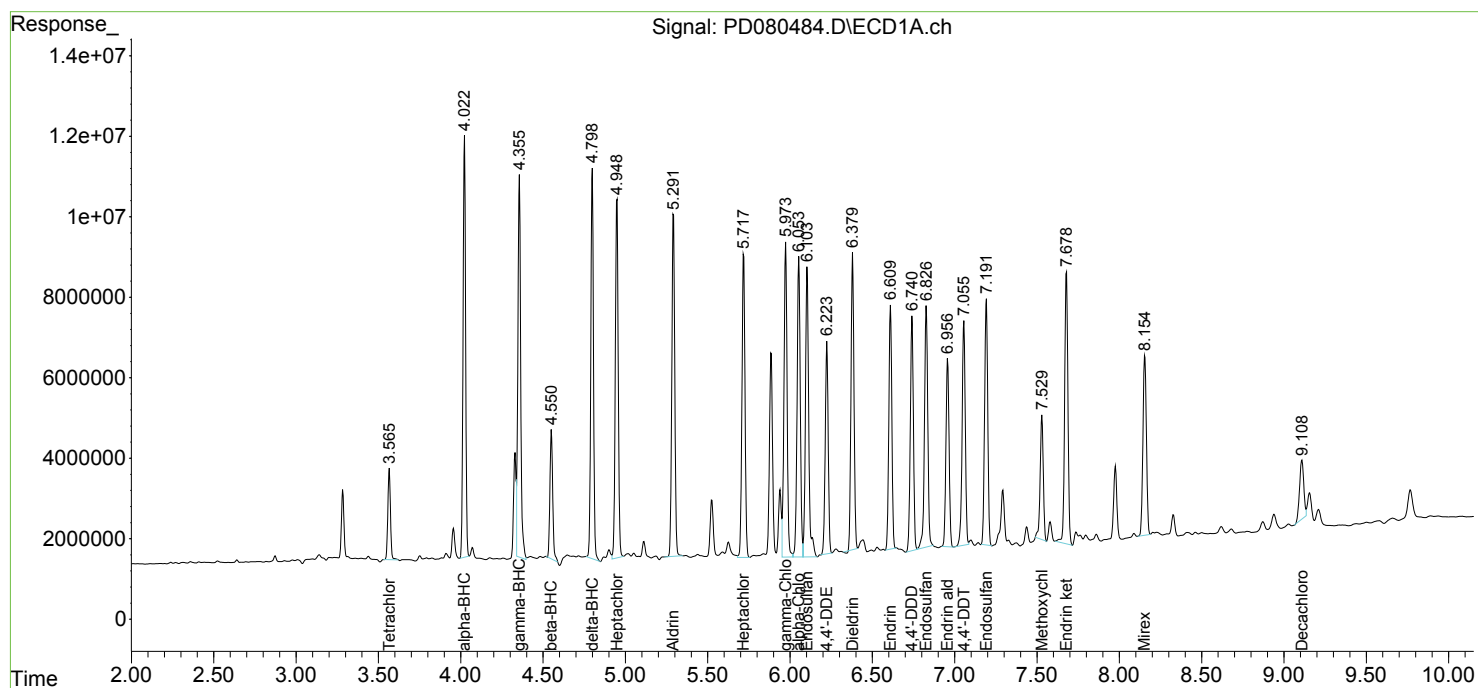
Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

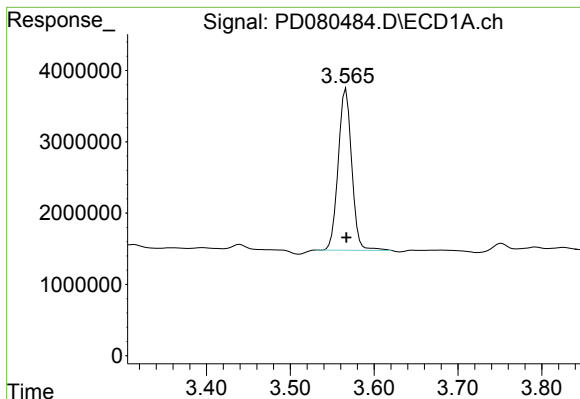
Manual Integrations
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Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 25 23:30:56 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.: 3.566 min
Delta R.T.: 0.000 min
Response: 25331297
Conc: 16.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

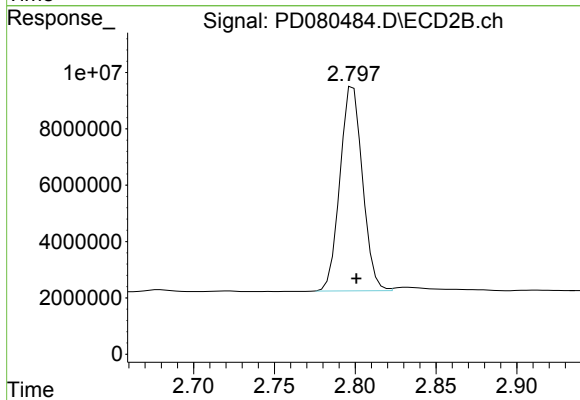
GHL-SS-19-0-2MS

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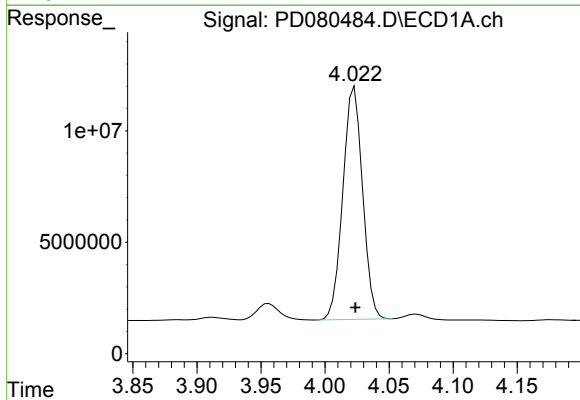
Reviewed By :Abdul Mirza 12/26/2023

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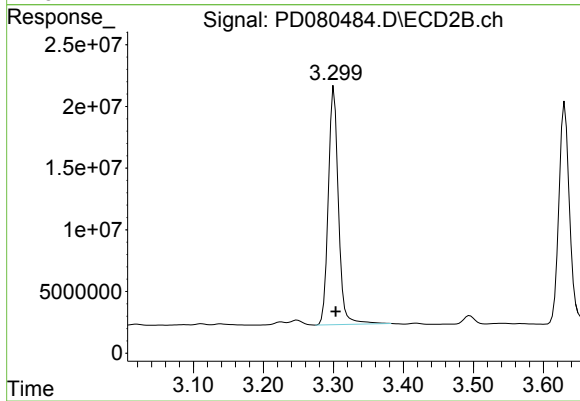
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: -0.002 min
Response: 70277240
Conc: 27.96 ng/ml



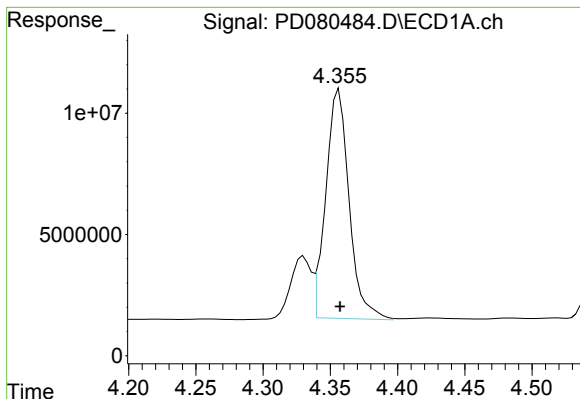
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 111669648
Conc: 44.46 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.002 min
Response: 194115057
Conc: 50.77 ng/ml



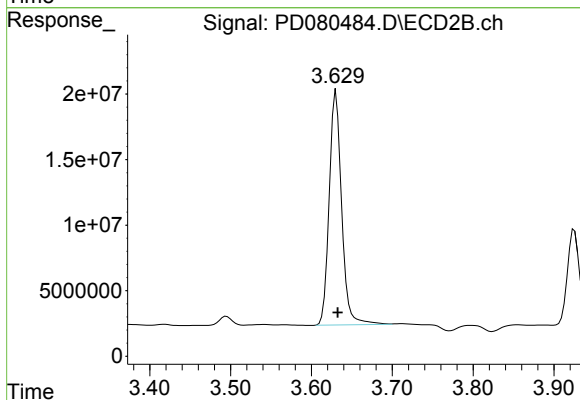
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 111166250
Conc: 46.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

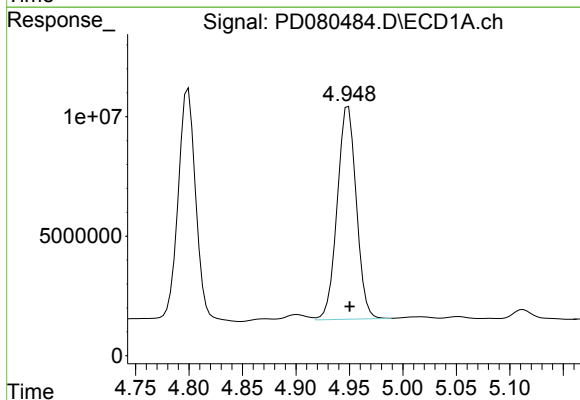
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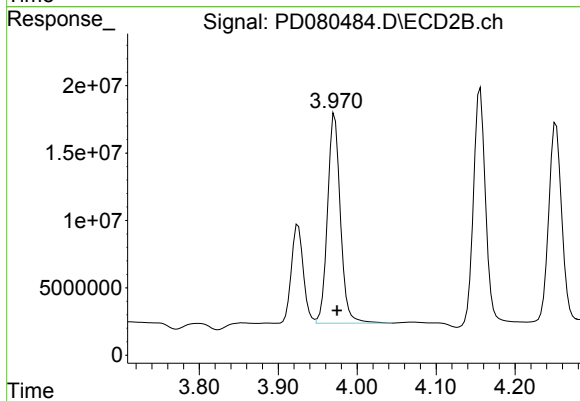
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.002 min
Response: 191420233
Conc: 52.67 ng/ml



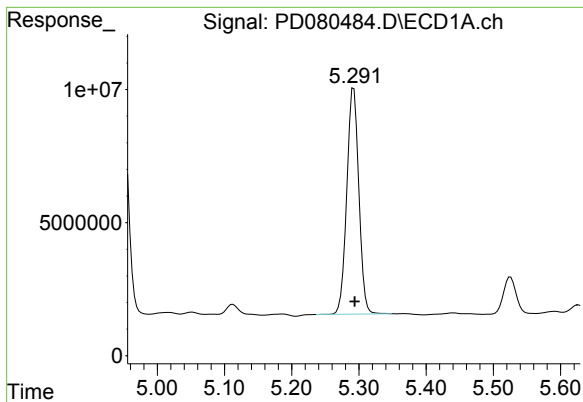
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: -0.002 min
Response: 110665805
Conc: 45.00 ng/ml



#4 Heptachlor

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 176361663
Conc: 50.30 ng/ml



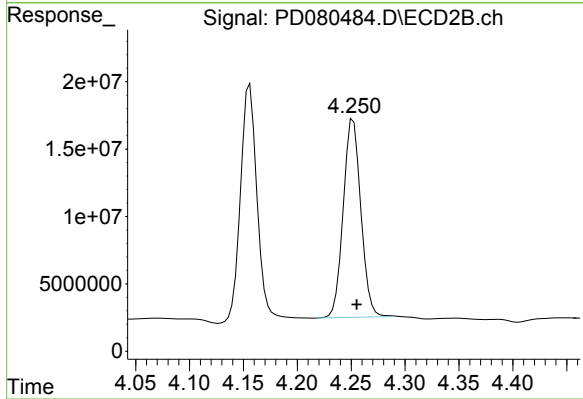
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 105888290
Conc: 44.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

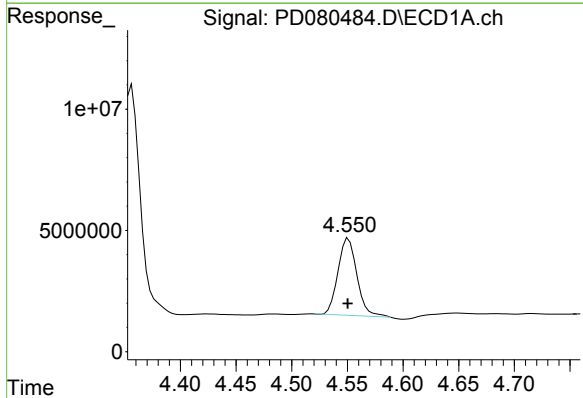
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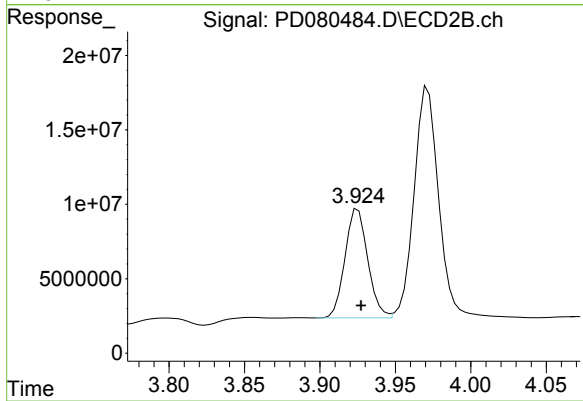
#5 Aldrin

R.T.: 4.250 min
Delta R.T.: -0.005 min
Response: 167405709
Conc: 47.02 ng/ml m



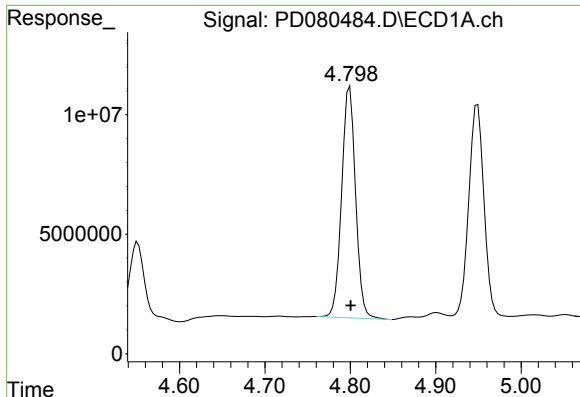
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 37541457
Conc: 37.51 ng/ml



#6 beta-BHC

R.T.: 3.925 min
Delta R.T.: -0.002 min
Response: 76853316
Conc: 49.78 ng/ml



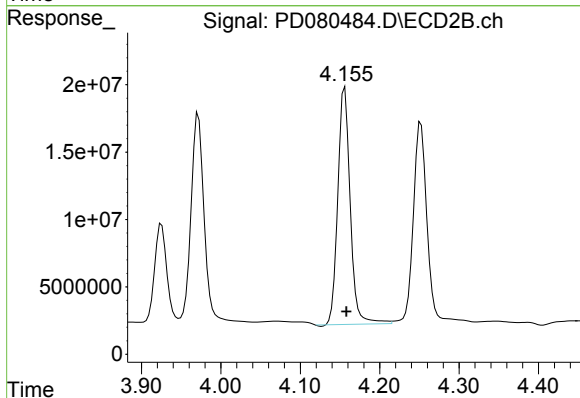
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 109707342
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

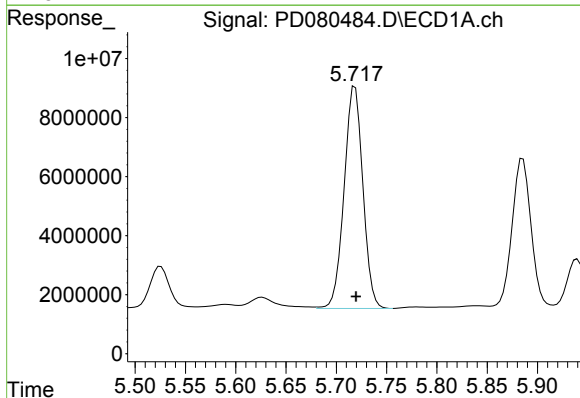
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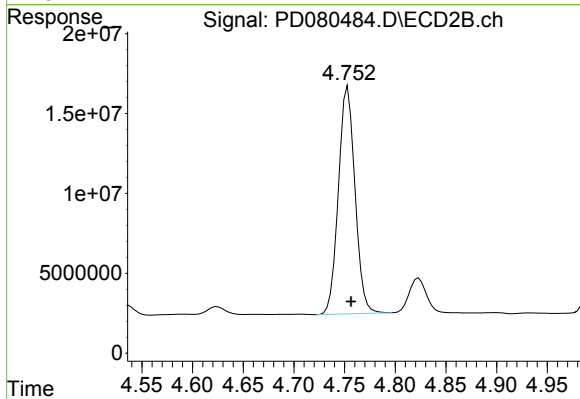
#7 delta-BHC

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 191248887
Conc: 50.79 ng/ml



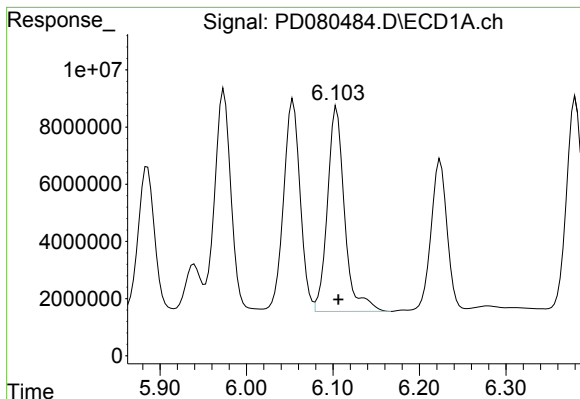
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 97356596
Conc: 44.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.753 min
Delta R.T.: -0.003 min
Response: 161797363
Conc: 49.34 ng/ml



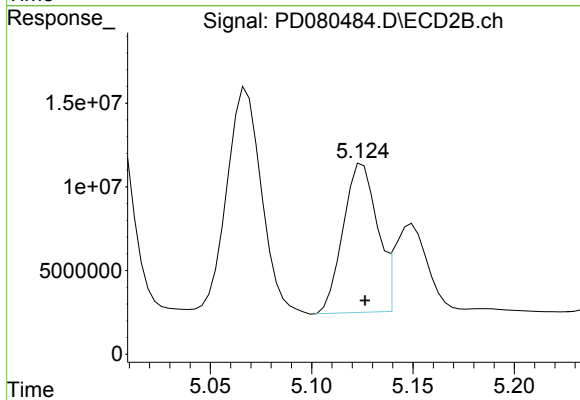
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 98658147
Conc: 47.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

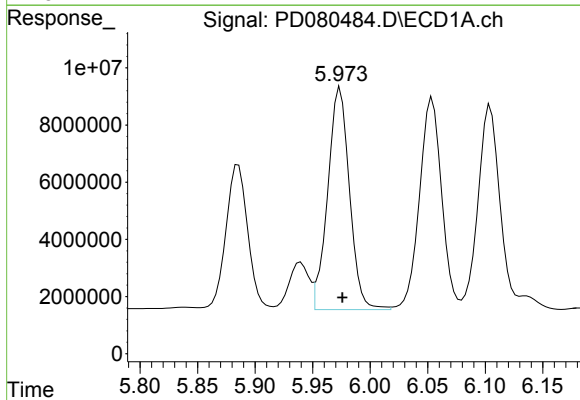
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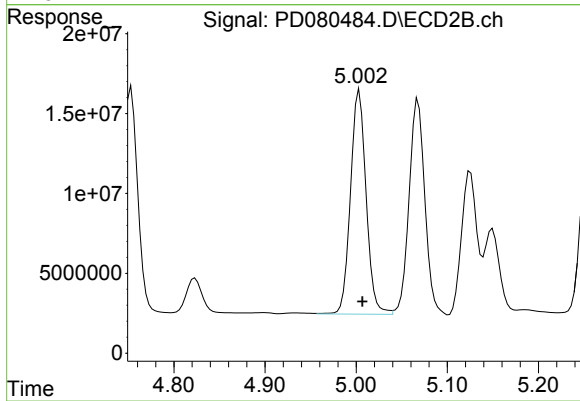
#9 Endosulfan I

R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 103773127
Conc: 34.37 ng/ml



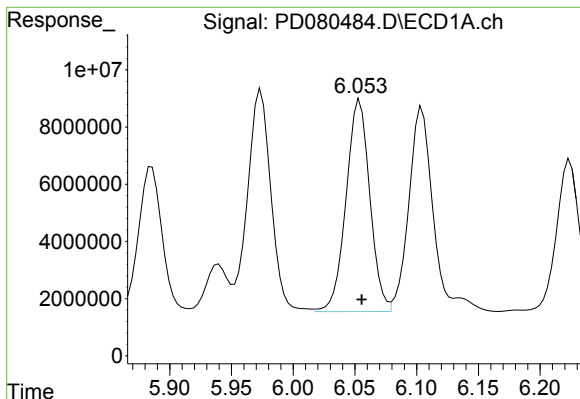
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 102418904
Conc: 47.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.004 min
Delta R.T.: -0.003 min
Response: 167148977
Conc: 51.85 ng/ml



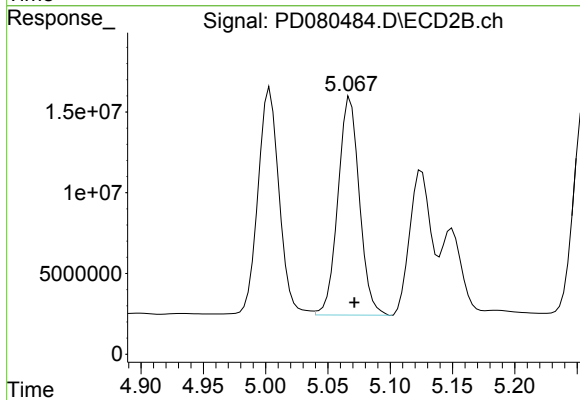
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.001 min
Response: 99276972
Conc: 46.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

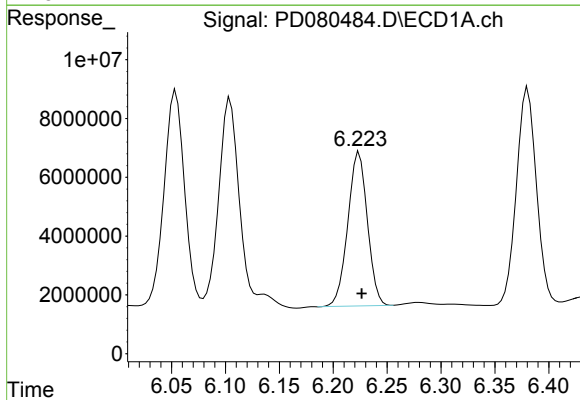
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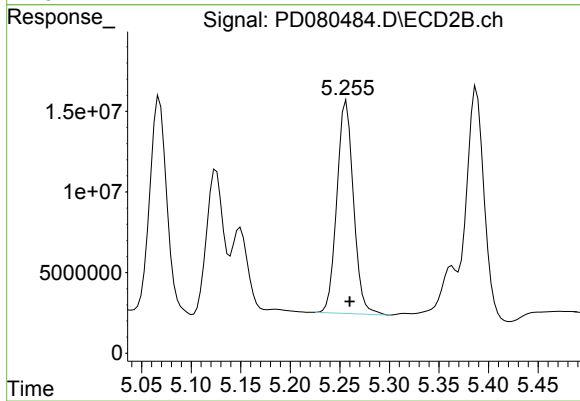
#11 alpha-Chlordane

R.T.: 5.068 min
Delta R.T.: -0.003 min
Response: 162151277
Conc: 50.45 ng/ml



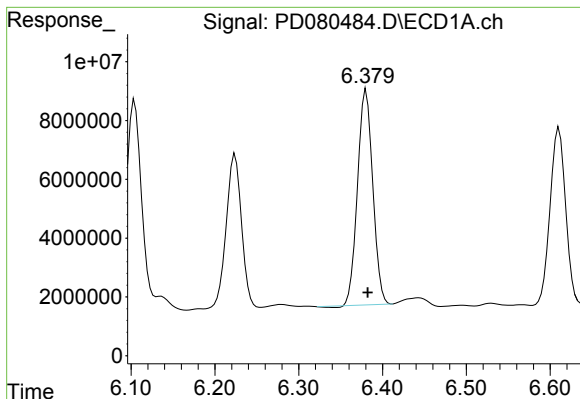
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 66198071
Conc: 33.01 ng/ml



#12 4,4'-DDE

R.T.: 5.257 min
Delta R.T.: -0.003 min
Response: 153877209
Conc: 51.05 ng/ml



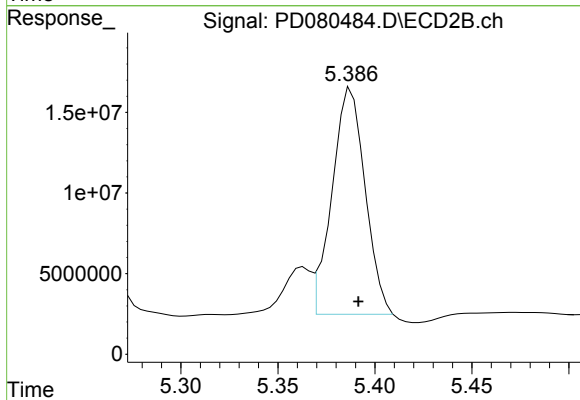
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 92307322
Conc: 42.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

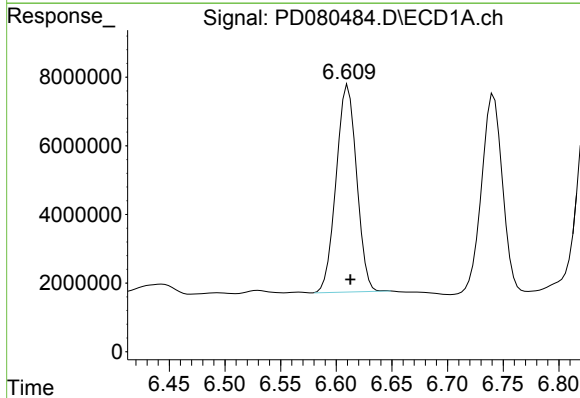
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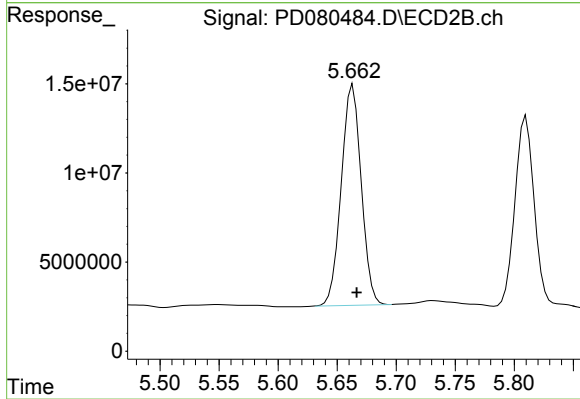
#13 Dieldrin

R.T.: 5.386 min
Delta R.T.: -0.005 min
Response: 163854100
Conc: 50.04 ng/ml m



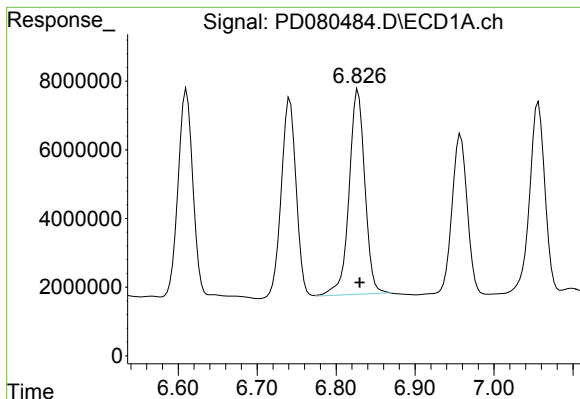
#14 Endrin

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 77338247
Conc: 42.65 ng/ml



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 145532284
Conc: 51.79 ng/ml



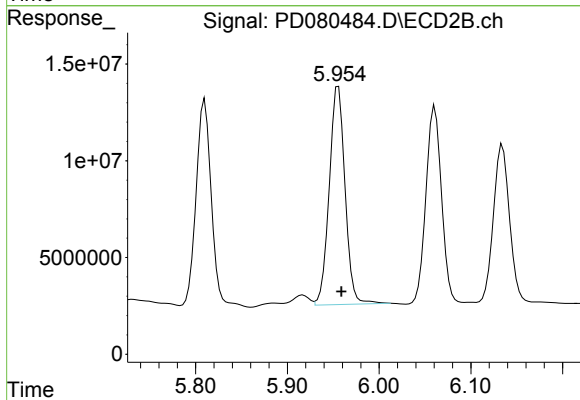
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 83041268
Conc: 43.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

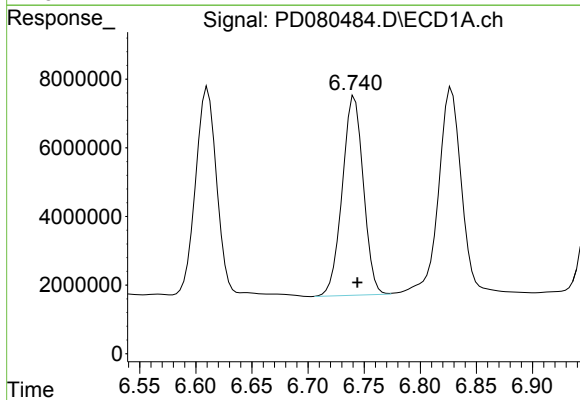
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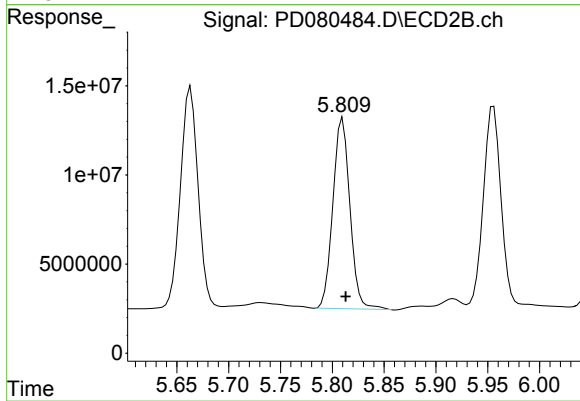
#15 Endosulfan II

R.T.: 5.956 min
Delta R.T.: -0.003 min
Response: 135251714
Conc: 49.57 ng/ml



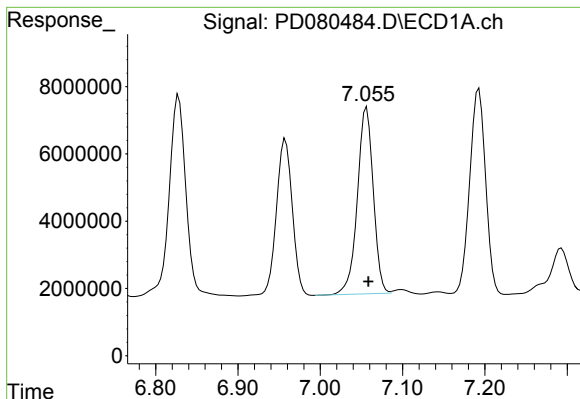
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 75795465
Conc: 45.24 ng/ml



#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: -0.003 min
Response: 122158530
Conc: 47.44 ng/ml



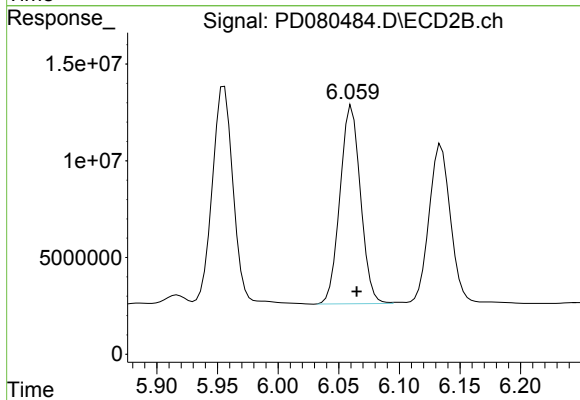
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 74435054
Conc: 41.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

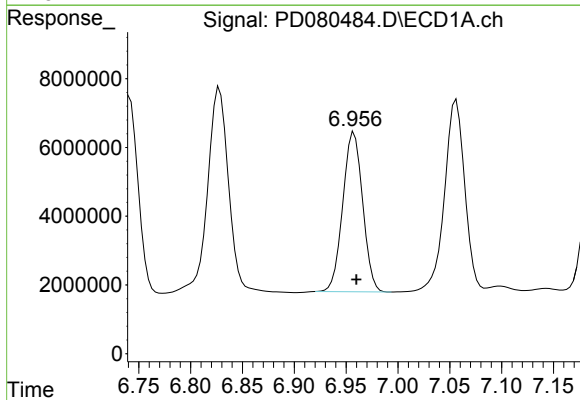
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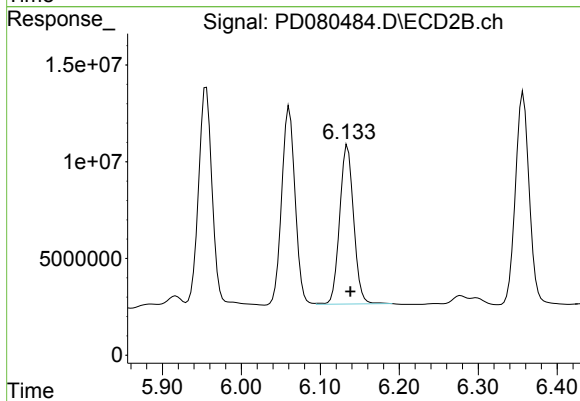
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 120523321
Conc: 47.44 ng/ml



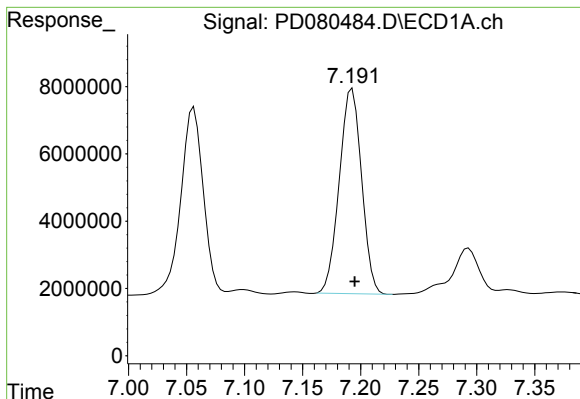
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 61915000
Conc: 43.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 101229075
Conc: 49.31 ng/ml



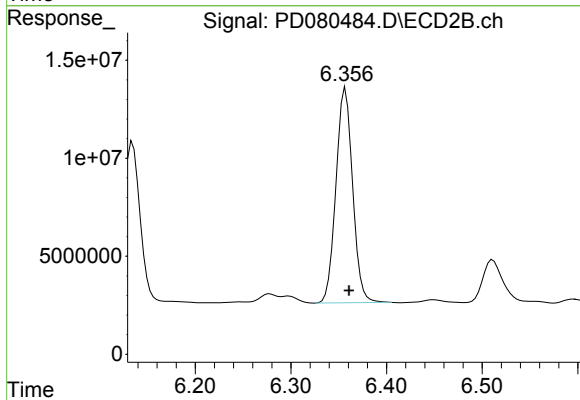
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 81528637
Conc: 43.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

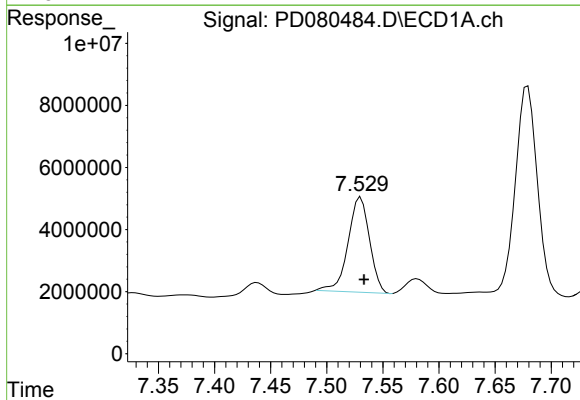
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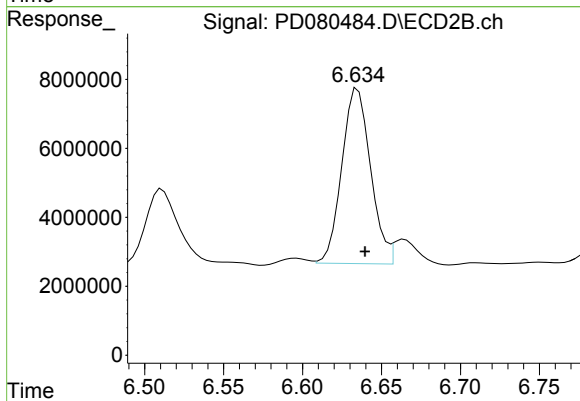
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 132721170
Conc: 49.50 ng/ml



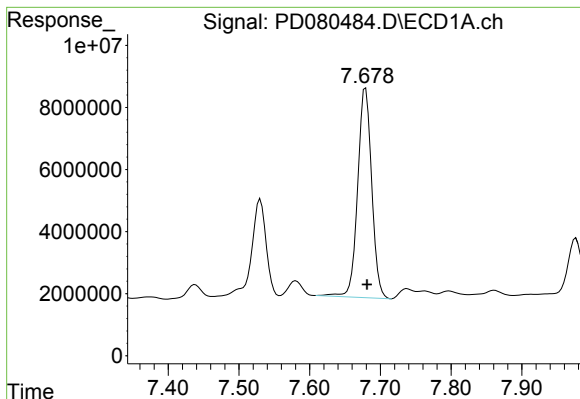
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 40748443
Conc: 41.23 ng/ml



#20 Methoxychlor

R.T.: 6.635 min
Delta R.T.: -0.005 min
Response: 64601004
Conc: 44.18 ng/ml



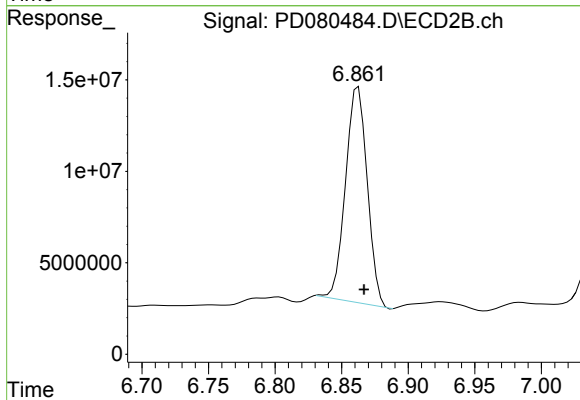
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 93182969
Conc: 45.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
GHL-SS-19-0-2MS

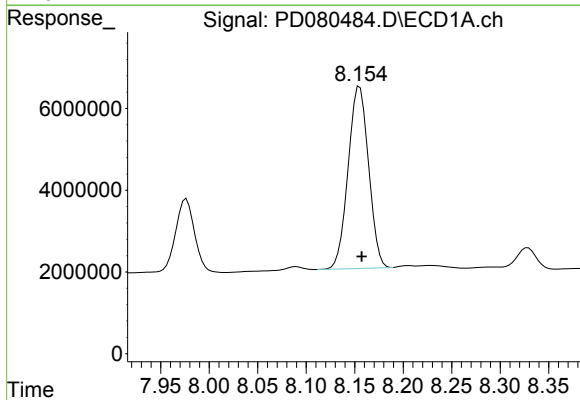
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/28/2023



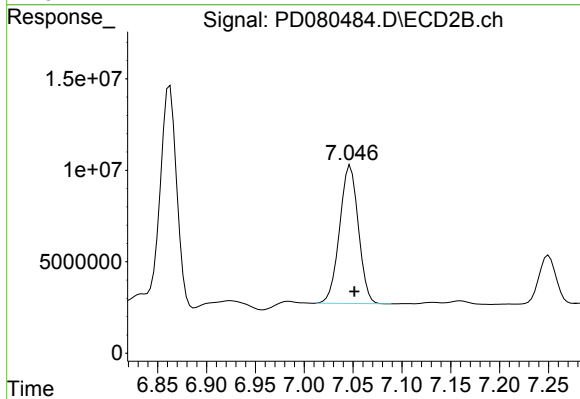
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: -0.004 min
Response: 134196494
Conc: 42.94 ng/ml



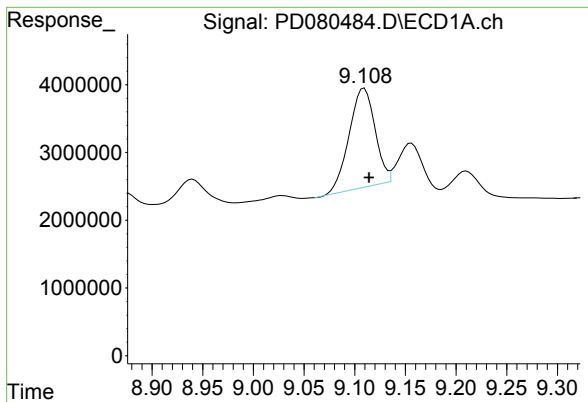
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 65324124
Conc: 39.93 ng/ml



#22 Mirex

R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 100982294
Conc: 41.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.005 min
Response: 25962301
Conc: 12.83 ng/ml

Instrument :

ECD_D

ClientSampleId :

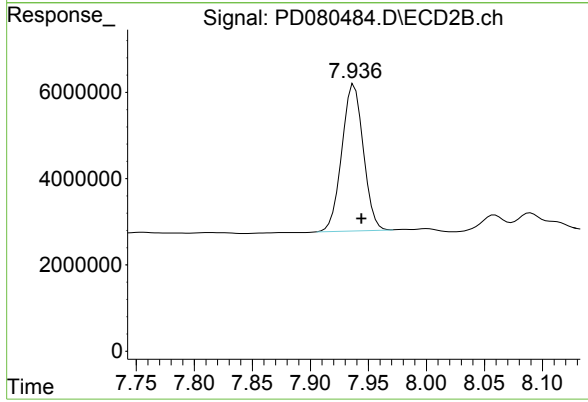
GHL-SS-19-0-2MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.938 min
Delta R.T.: -0.006 min
Response: 43773831
Conc: 15.53 ng/ml