

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2022 19:17
 Operator : AR\AJ
 Sample : N3170-03MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 20220422-AMENDED-COMPOSITE-BMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:05:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.442	4.170	14036473	117.6E6	13.190	13.347
28)	SA Decachlor...	8.194	9.364	7169040	43973718	6.573	8.131
Target Compounds							
2)	A alpha-BHC	3.880	4.566	85984860	749.3E6	52.470	57.219
3)	MA gamma-BHC...	4.164	4.856	82924240	703.5E6	48.046	57.029
4)	MA Heptachlor	4.461	5.383	76814672	641.2E6	51.453	55.080
5)	MB Aldrin	4.706	5.695	108.1E6	681.5E6	74.584	59.074
6)	B beta-BHC	4.414	5.020	33468289	289.3E6	48.088	55.076
7)	B delta-BHC	4.618	5.246	81611215	583.4E6	53.565	61.323
8)	B Heptachlo...	5.150	6.084	69748218	525.4E6	52.231m	66.766 #
9)	A Endosulfan I	5.489	6.446	66886053	511.8E6	53.381	56.120
10)	B gamma-Chl...	5.377	6.319	74640331	578.2E6	55.161	58.348m
11)	B alpha-Chl...	5.435	6.395	73815315	542.2E6	55.445	55.790
12)	B 4,4'-DDE	5.601	6.545	66359656	525.1E6	52.377	58.041
13)	MA Dieldrin	5.733	6.705	69623382	560.6E6	52.893	59.426
14)	MA Endrin	5.991	6.925	62961148	454.7E6	54.527	67.371
15)	B Endosulfa...	6.265	7.131	60780677	443.8E6	54.642	59.743
16)	A 4,4'-DDD	6.118	7.037	57553171	441.9E6	53.192	59.673
17)	MA 4,4'-DDT	6.358	7.340	52872965	403.1E6	53.349	55.087
18)	B Endrin al...	6.435	7.255	47953159	353.5E6	55.812	61.575
19)	B Endosulfa...	6.647	7.480	60375986	418.7E6	52.377	56.794
20)	A Methoxychlor	6.909	7.793	30583098	207.8E6	53.910	58.288
21)	B Endrin ke...	7.140	7.955	69329202	444.4E6	52.027	55.824
22)	Mirex	7.323	8.420	51786557	304.9E6	51.502	57.081

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2022 19:17
Operator : AR\AJ
Sample : N3170-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

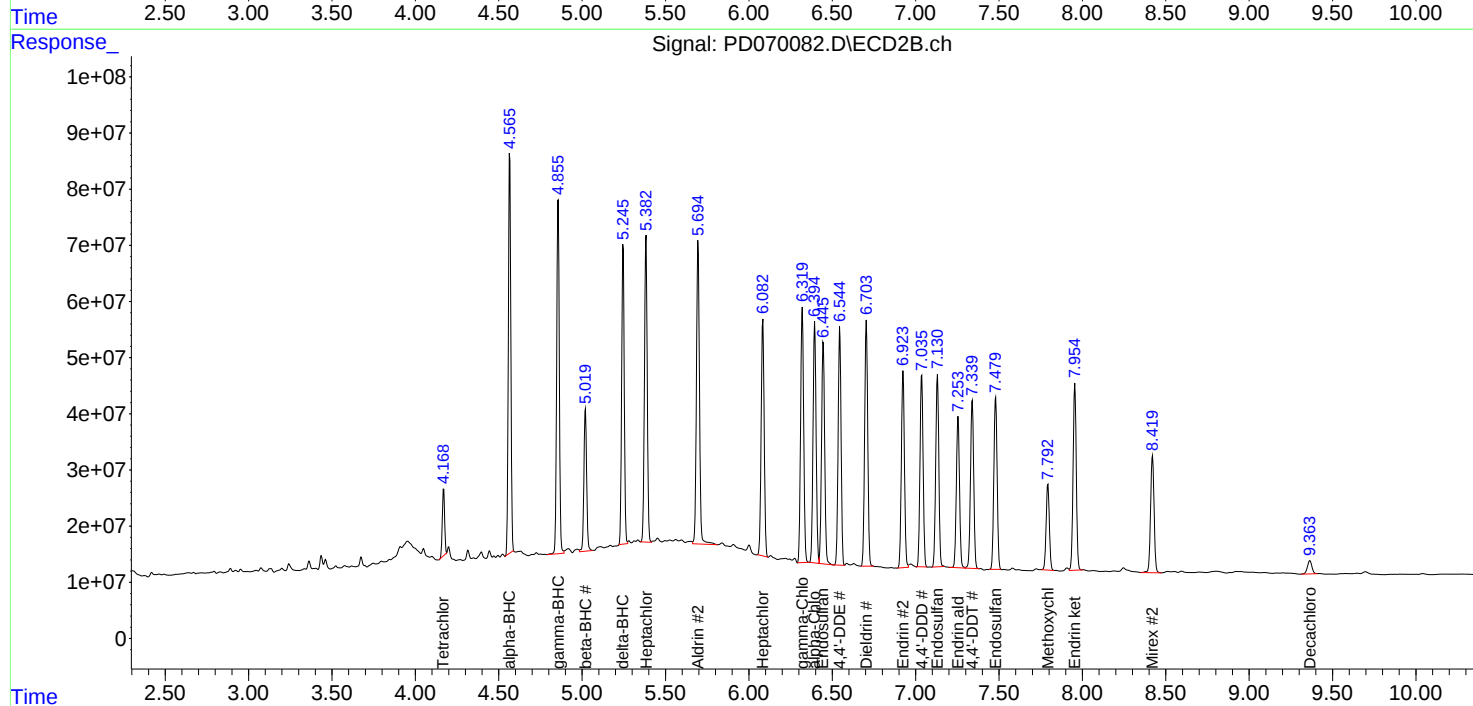
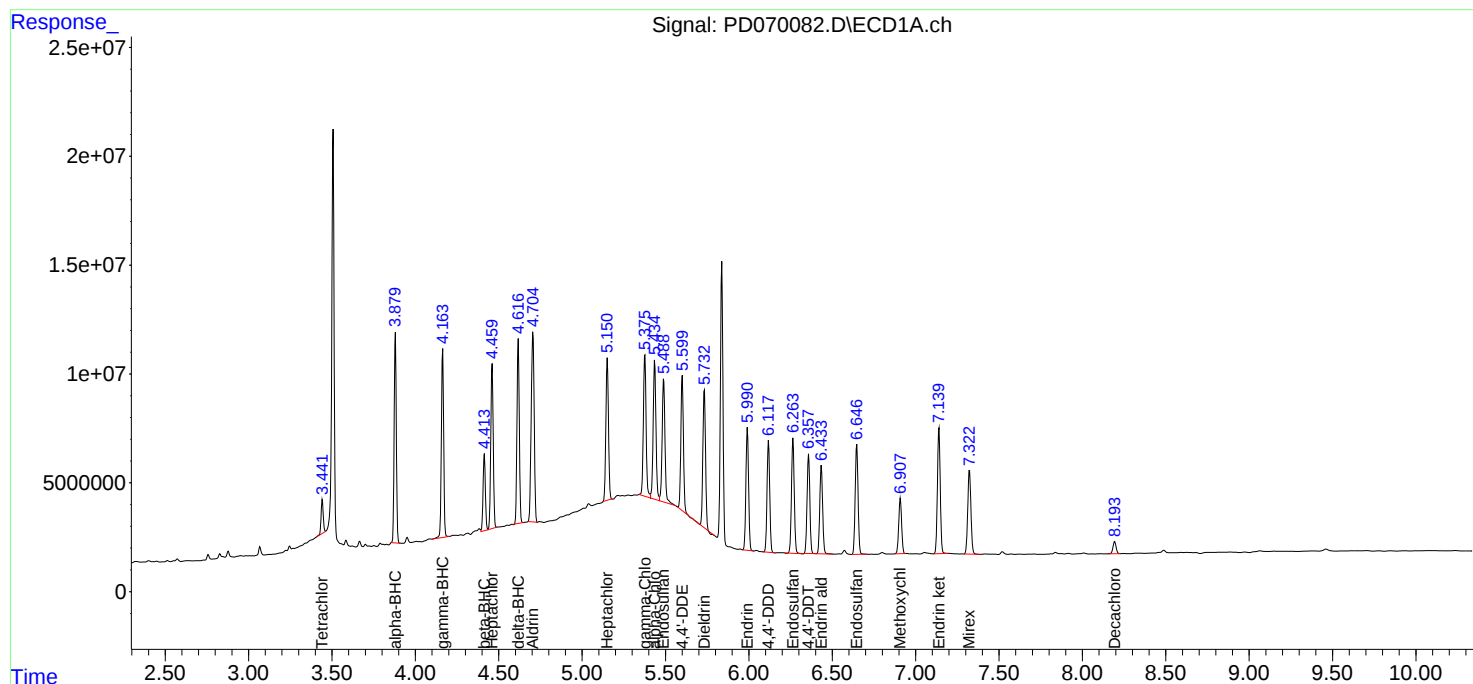
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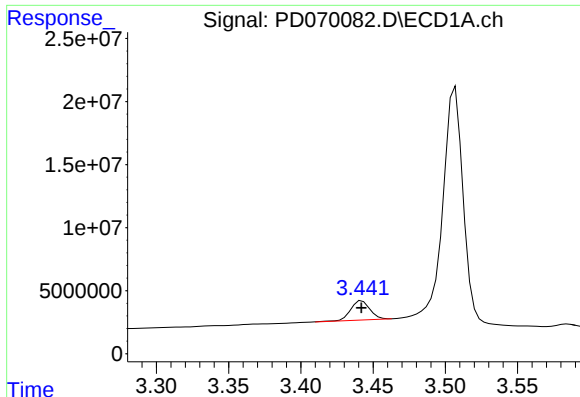
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 21:05:25 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 2022
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 14036473
Conc: 13.19 ng/ml

Instrument :

ECD_D

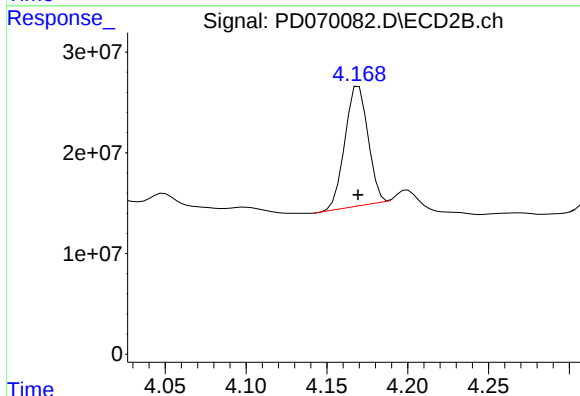
ClientSampleId :

20220422-AMENDED-COMPOSITE-BMSD

Manual Integrations

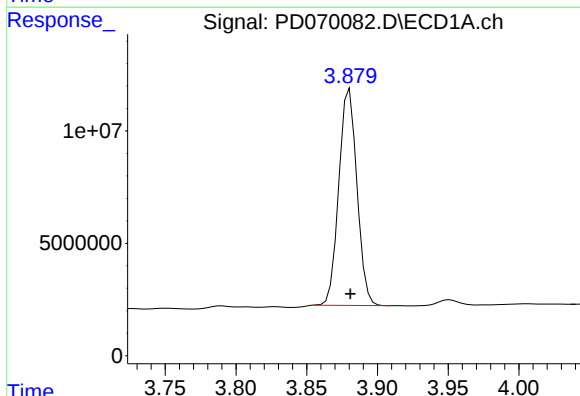
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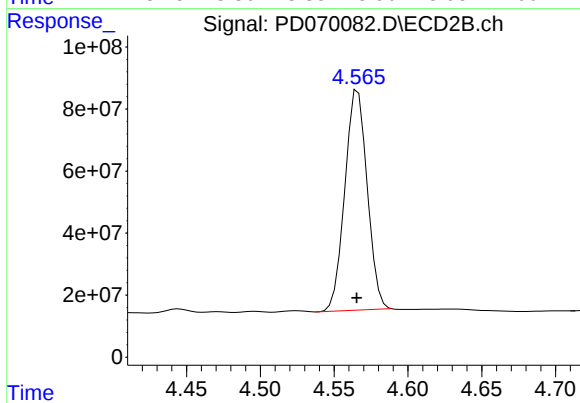
#1 Tetrachloro-m-xylene

R.T.: 4.170 min
Delta R.T.: 0.000 min
Response: 117612600
Conc: 13.35 ng/ml



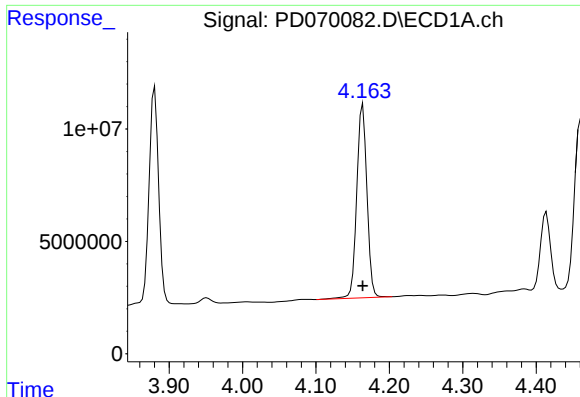
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 85984860
Conc: 52.47 ng/ml



#2 alpha-BHC

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 749291564
Conc: 57.22 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 82924240
Conc: 48.05 ng/ml

Instrument :

ECD_D

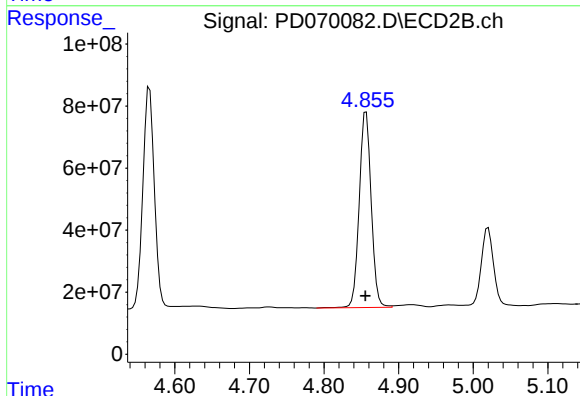
ClientSampleId :

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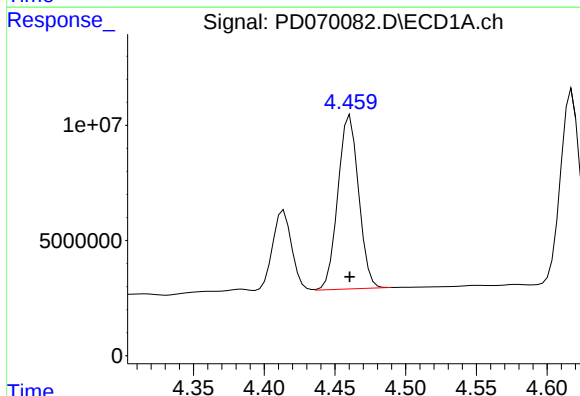
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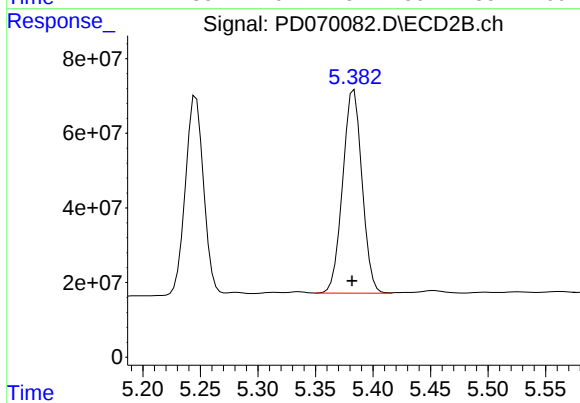
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 703510292
Conc: 57.03 ng/ml



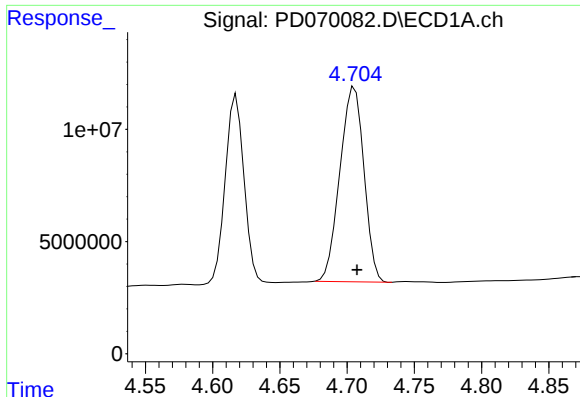
#4 Heptachlor

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 76814672
Conc: 51.45 ng/ml



#4 Heptachlor

R.T.: 5.383 min
Delta R.T.: 0.002 min
Response: 641225828
Conc: 55.08 ng/ml



#5 Aldrin

R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 108090865
Conc: 74.58 ng/ml

Instrument :

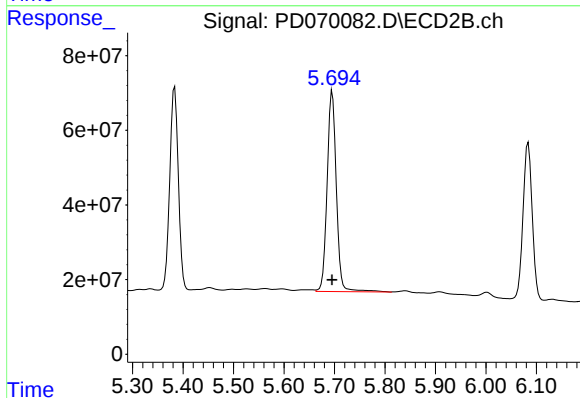
ECD_D

ClientSampleId :

20220422-AMENDED-COMPOSITE-BMSD

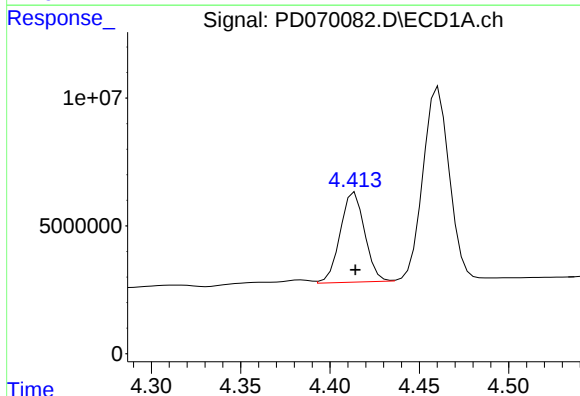
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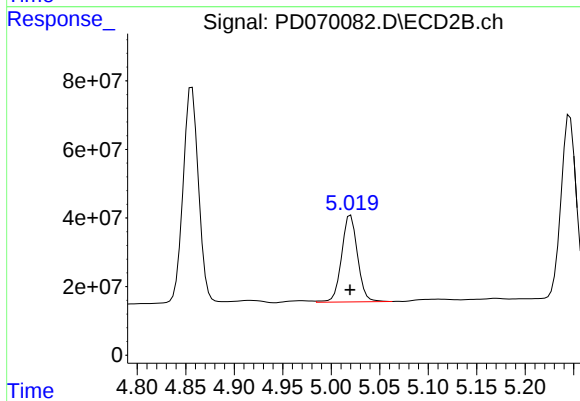
#5 Aldrin

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 681480519
Conc: 59.07 ng/ml



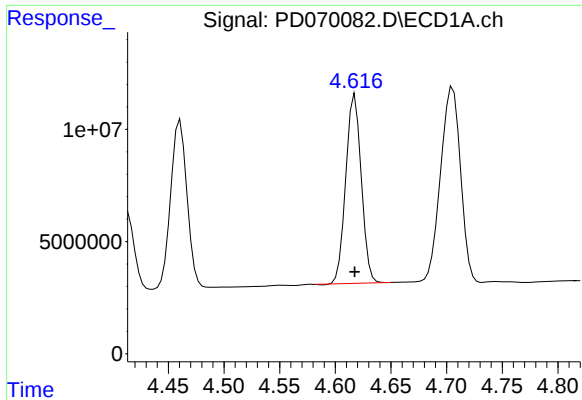
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 33468289
Conc: 48.09 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 289310251
Conc: 55.08 ng/ml



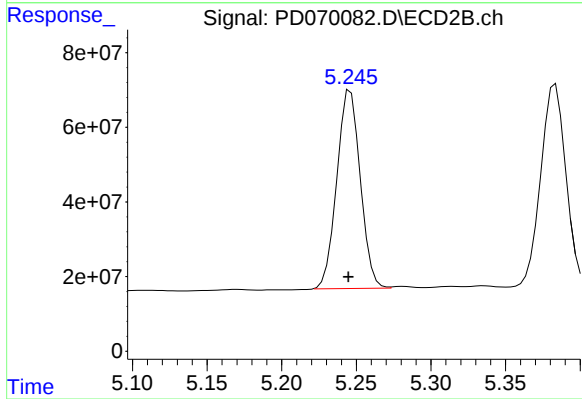
#7 delta-BHC

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 81611215
Conc: 53.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220422-AMENDED-COMPOSITE-BMSD

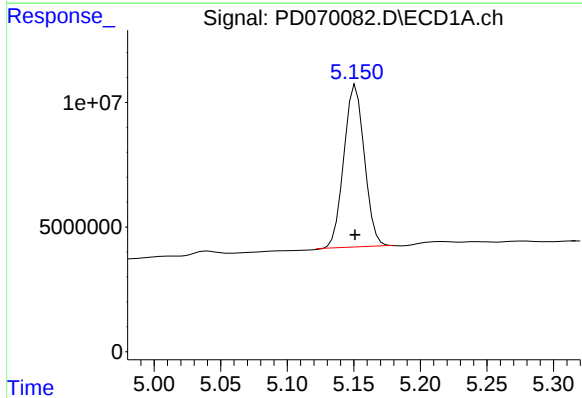
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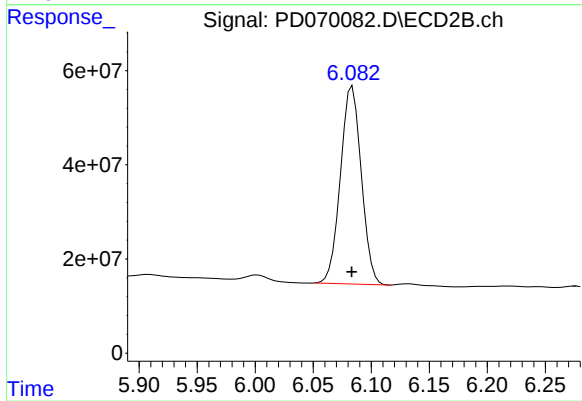
#7 delta-BHC

R.T.: 5.246 min
Delta R.T.: 0.001 min
Response: 583387340
Conc: 61.32 ng/ml



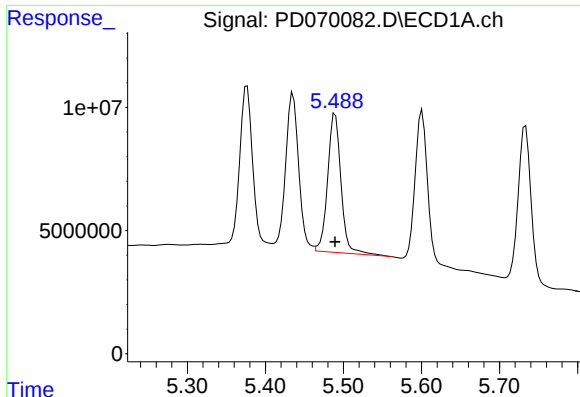
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 69748218
Conc: 52.23 ng/ml m



#8 Heptachlor epoxide

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 525374634
Conc: 66.77 ng/ml



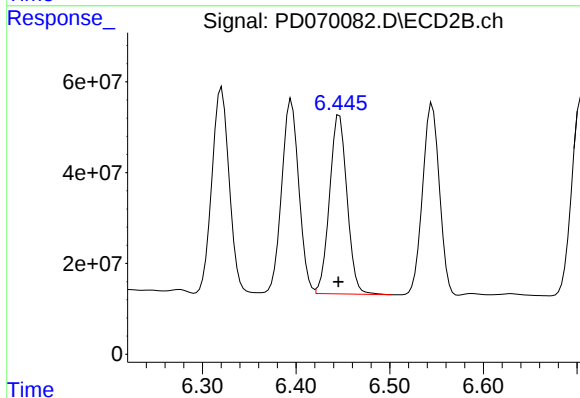
#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 66886053
Conc: 53.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220422-AMENDED-COMPOSITE-BMSD

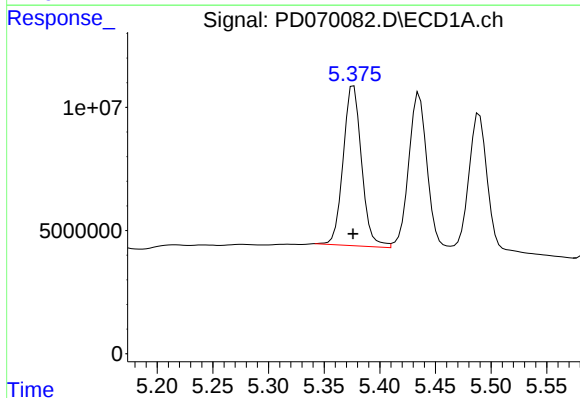
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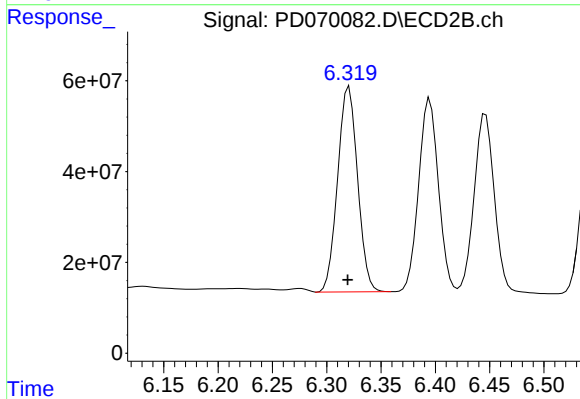
#9 Endosulfan I

R.T.: 6.446 min
Delta R.T.: 0.001 min
Response: 511839048
Conc: 56.12 ng/ml



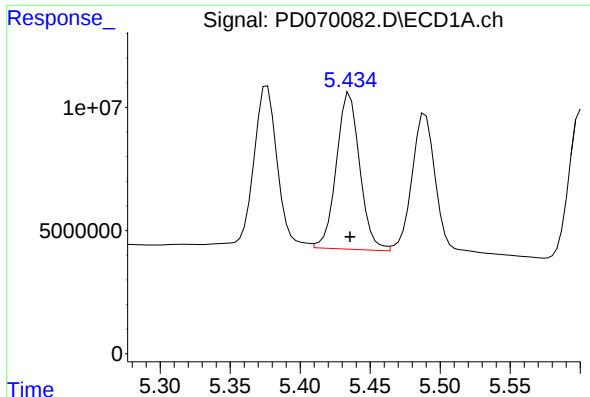
#10 gamma-Chlordane

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 74640331
Conc: 55.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 578237757
Conc: 58.35 ng/ml m



#11 alpha-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 73815315
Conc: 55.45 ng/ml

Instrument :

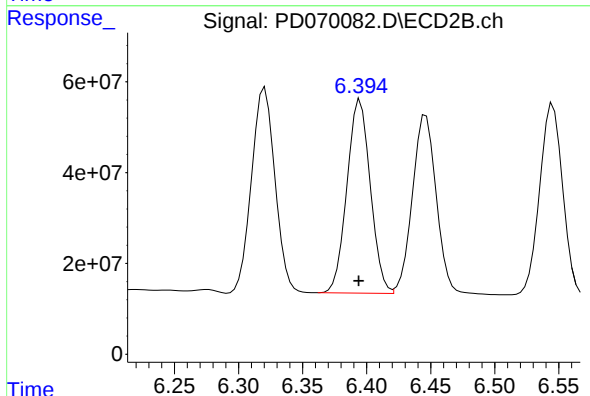
ECD_D

ClientSampleId :

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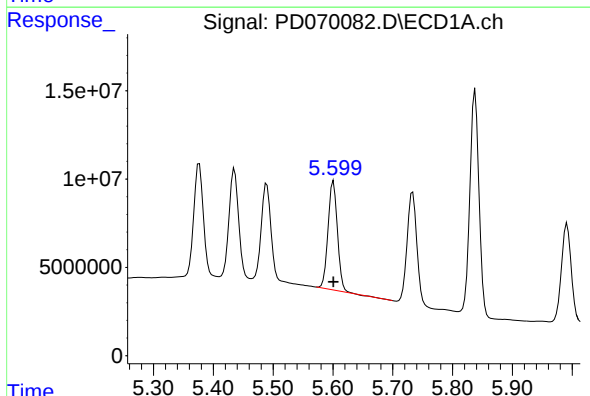
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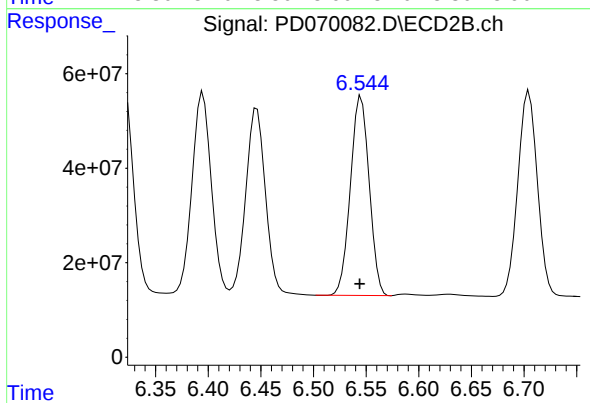
#11 alpha-Chlordane

R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 542210273
Conc: 55.79 ng/ml



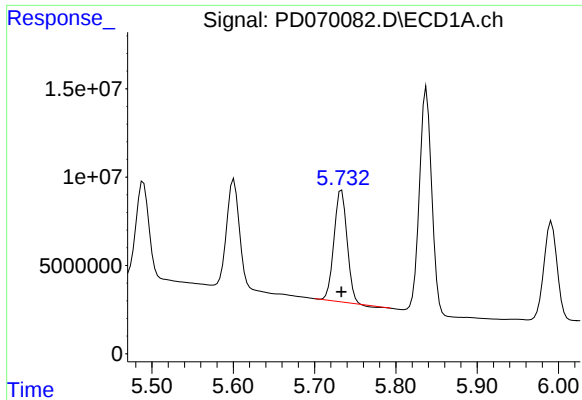
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 66359656
Conc: 52.38 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: 0.001 min
Response: 525145437
Conc: 58.04 ng/ml



#13 Dieldrin

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 69623382
Conc: 52.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

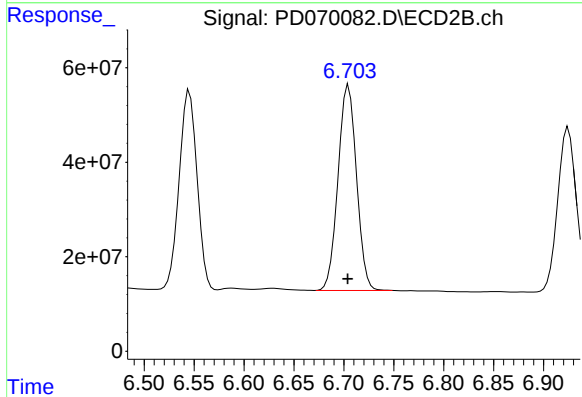
20220422-AMENDED-COMPOSITE-BMSD

Manual Integrations

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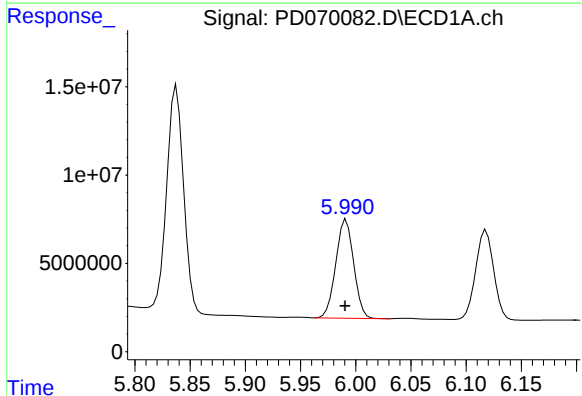
Reviewed By :Abdul Mirza 06/06/2022

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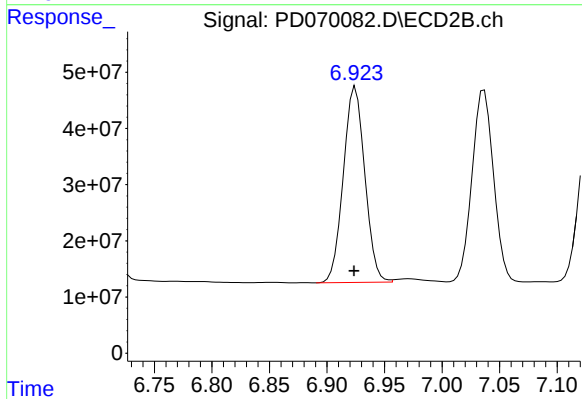
#13 Dieldrin

R.T.: 6.705 min
Delta R.T.: 0.001 min
Response: 560648529
Conc: 59.43 ng/ml



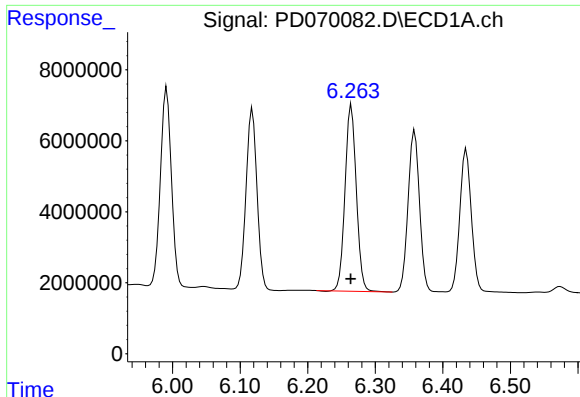
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 62961148
Conc: 54.53 ng/ml



#14 Endrin

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 454700248
Conc: 67.37 ng/ml



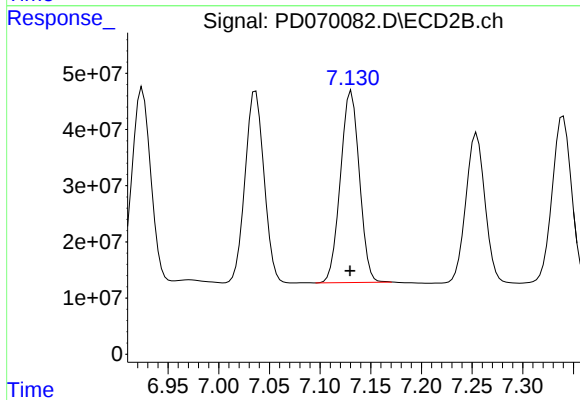
#15 Endosulfan II

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 60780677
Conc: 54.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220422-AMENDED-COMPOSITE-BMSD

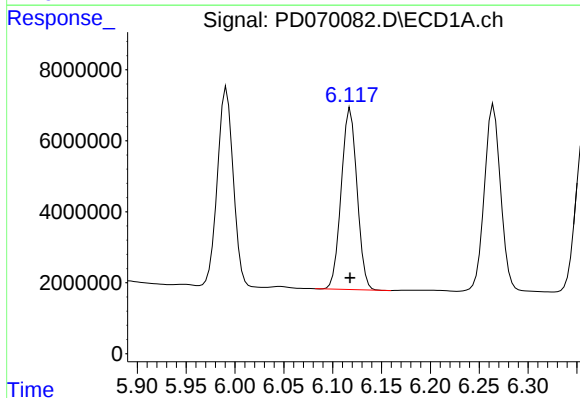
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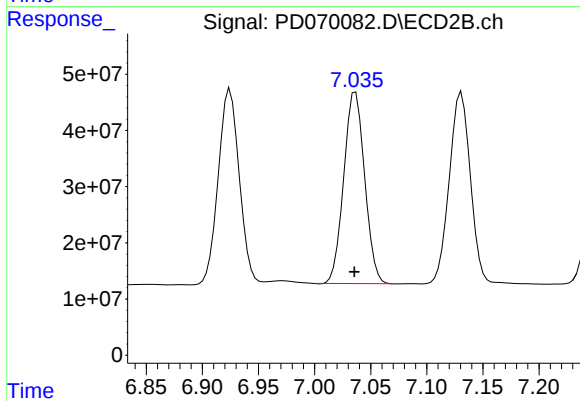
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: 0.001 min
Response: 443766901
Conc: 59.74 ng/ml



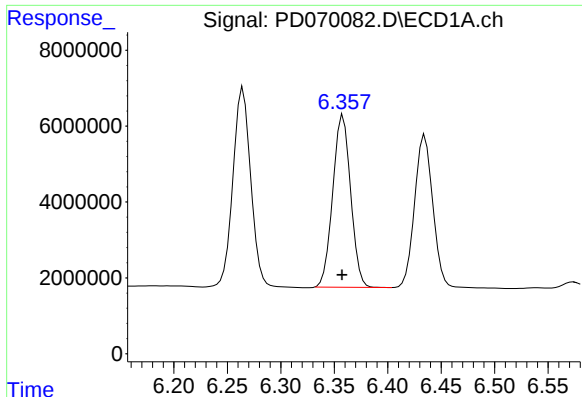
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 57553171
Conc: 53.19 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 441897092
Conc: 59.67 ng/ml



#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 52872965
Conc: 53.35 ng/ml

Instrument :

ECD_D

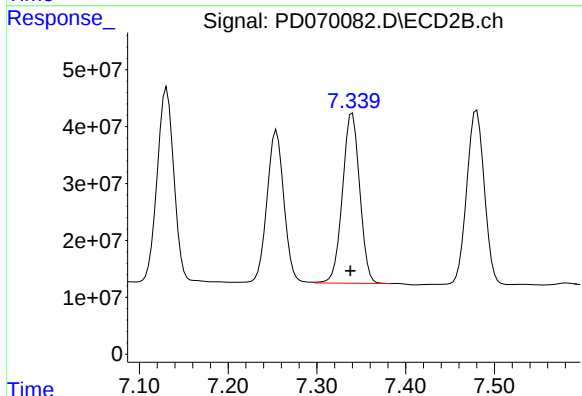
ClientSampleId :

20220422-AMENDED-COMPOSITE-BMSD

Manual Integrations

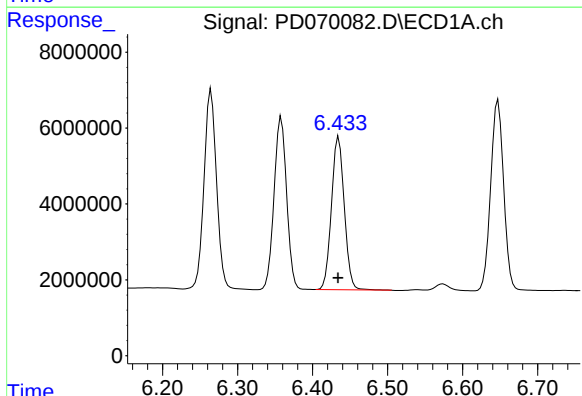
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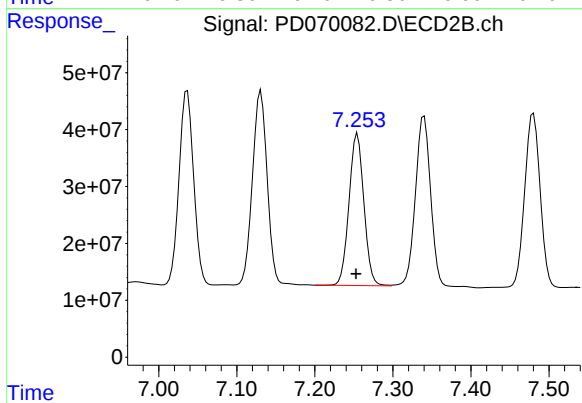
#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 403132923
Conc: 55.09 ng/ml



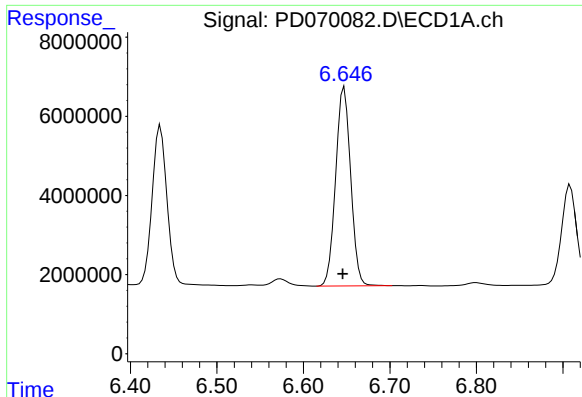
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 47953159
Conc: 55.81 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.002 min
Response: 353549190
Conc: 61.57 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.647 min
Delta R.T.: 0.002 min
Response: 60375986
Conc: 52.38 ng/ml

Instrument :

ECD_D

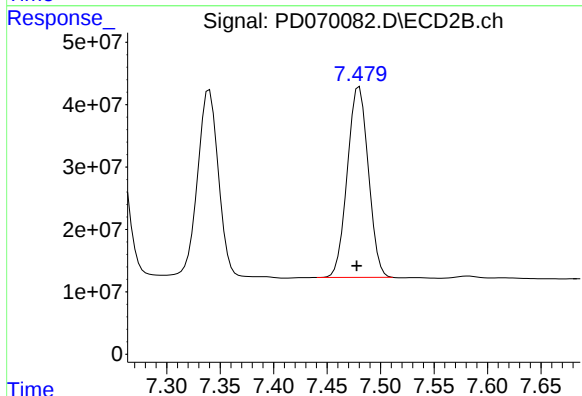
ClientSampleId :

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Manual Integrations

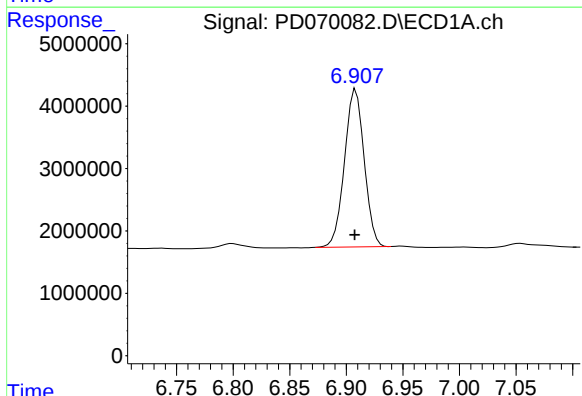
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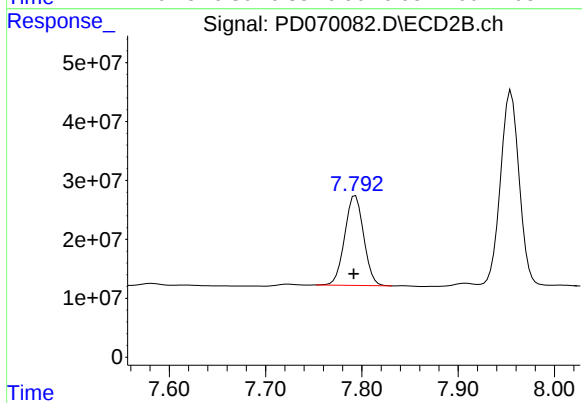
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 418744290
Conc: 56.79 ng/ml



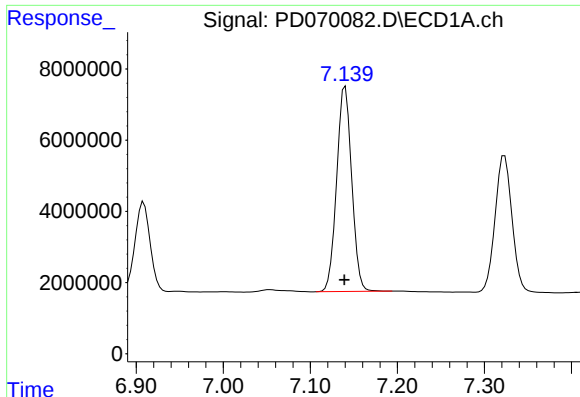
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 30583098
Conc: 53.91 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: 0.002 min
Response: 207832011
Conc: 58.29 ng/ml



#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 69329202
Conc: 52.03 ng/ml

Instrument :

ECD_D

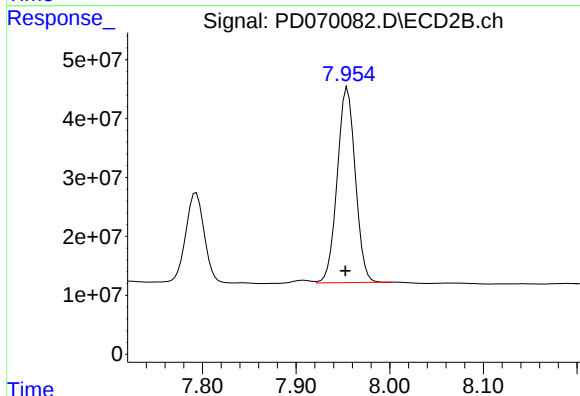
ClientSampleId :

20220422-AMENDED-COMPOSITE-BMSD

Manual Integrations

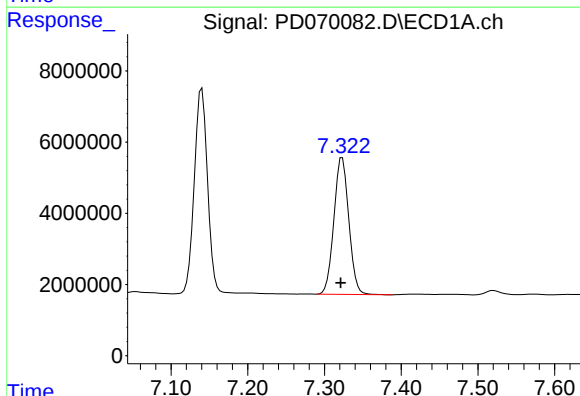
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



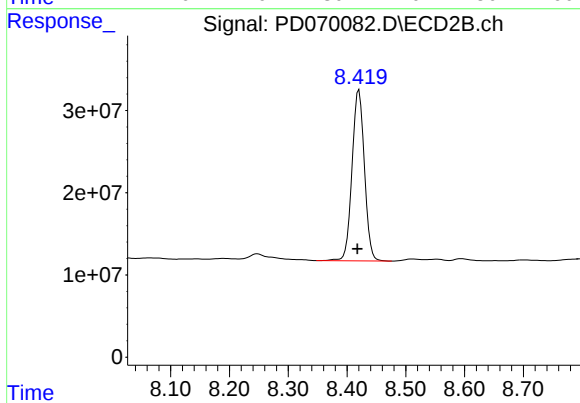
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 444427096
Conc: 55.82 ng/ml



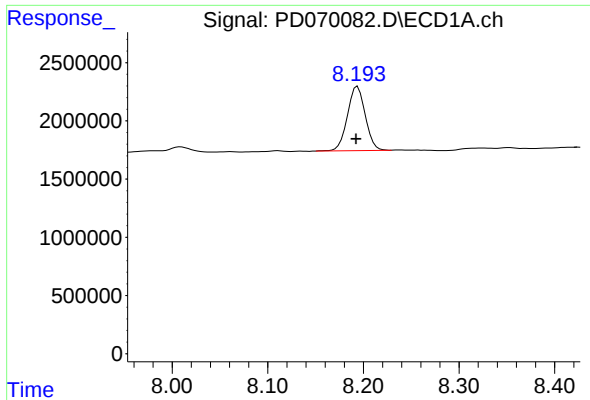
#22 Mirex

R.T.: 7.323 min
Delta R.T.: 0.002 min
Response: 51786557
Conc: 51.50 ng/ml



#22 Mirex

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 304939704
Conc: 57.08 ng/ml



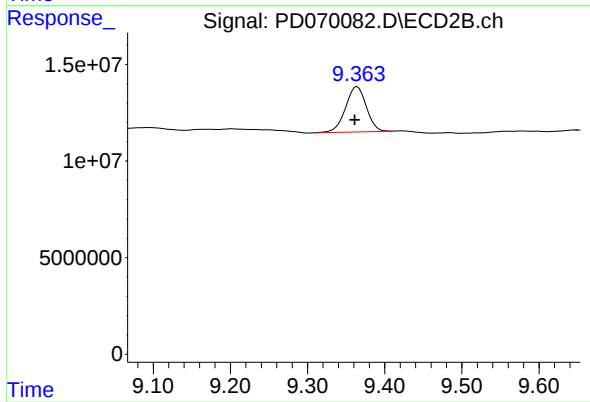
#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 7169040
Conc: 6.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220422-AMENDED-COMPOSITE-BMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 43973718
Conc: 8.13 ng/ml