

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2022 11:37
 Operator : AR\AJ
 Sample : N3143-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 20220425-SPLP-AMENDED-COMP-EMSD

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 12:35:10 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	4.169	20459637	189.1E6	19.225	21.461
2)	SA Decachlor...	8.193	9.363	19483954	121.2E6	17.863	22.413 #
Target Compounds							
2)	A alpha-BHC	3.880	4.565	80490373	696.7E6	49.117	53.202
3)	MA gamma-BHC...	4.163	4.854	78884360	636.0E6	45.705	51.554m
4)	MA Heptachlor	4.460	5.382	80013269	678.8E6	53.595	58.311
5)	MB Aldrin	4.707	5.694	79337340	669.7E6	54.744	58.056
6)	B beta-BHC	4.413	5.017	36248051	314.1E6	52.082	59.800m
7)	B delta-BHC	4.617	5.245	56988705	382.9E6	37.404	40.244
8)	B Heptachlo...	5.150	6.083	73191826	545.2E6	54.809	69.290 #
9)	A Endosulfan I	5.489	6.446	14830661	131.8E6	11.836	14.446
10)	B gamma-Chl...	5.376	6.320	77221676	672.3E6	57.068	67.842
11)	B alpha-Chl...	5.435	6.394	73385896	610.6E6	55.123	62.827
12)	B 4,4'-DDE	5.601	6.545	68272230	556.6E6	53.887	61.517
13)	MA Dieldrin	5.732	6.704	74717376	602.4E6	56.762	63.852
14)	MA Endrin	5.990	6.924	69613245	482.9E6	60.288	71.548
15)	B Endosulfa...	6.264	7.130	8591694	51971035	7.724	6.997
16)	A 4,4'-DDD	6.115	7.034	99321336	473.2E6	91.794	63.893m#
17)	MA 4,4'-DDT	6.358	7.339	57268760	448.7E6	57.785	61.320
18)	B Endrin al...	6.434	7.254	45868538	345.3E6	53.385	60.147
19)	B Endosulfa...	6.646	7.478	61022702	449.8E6	52.938	61.001
20)	A Methoxychlor	6.908	7.792	33746911	231.3E6	59.487	64.866
21)	B Endrin ke...	7.139	7.954	70555954	459.1E6	52.948	57.663
22)	Mirex	7.322	8.419	52995950	316.4E6	52.705	59.224

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2022 11:37
Operator : AR\AJ
Sample : N3143-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

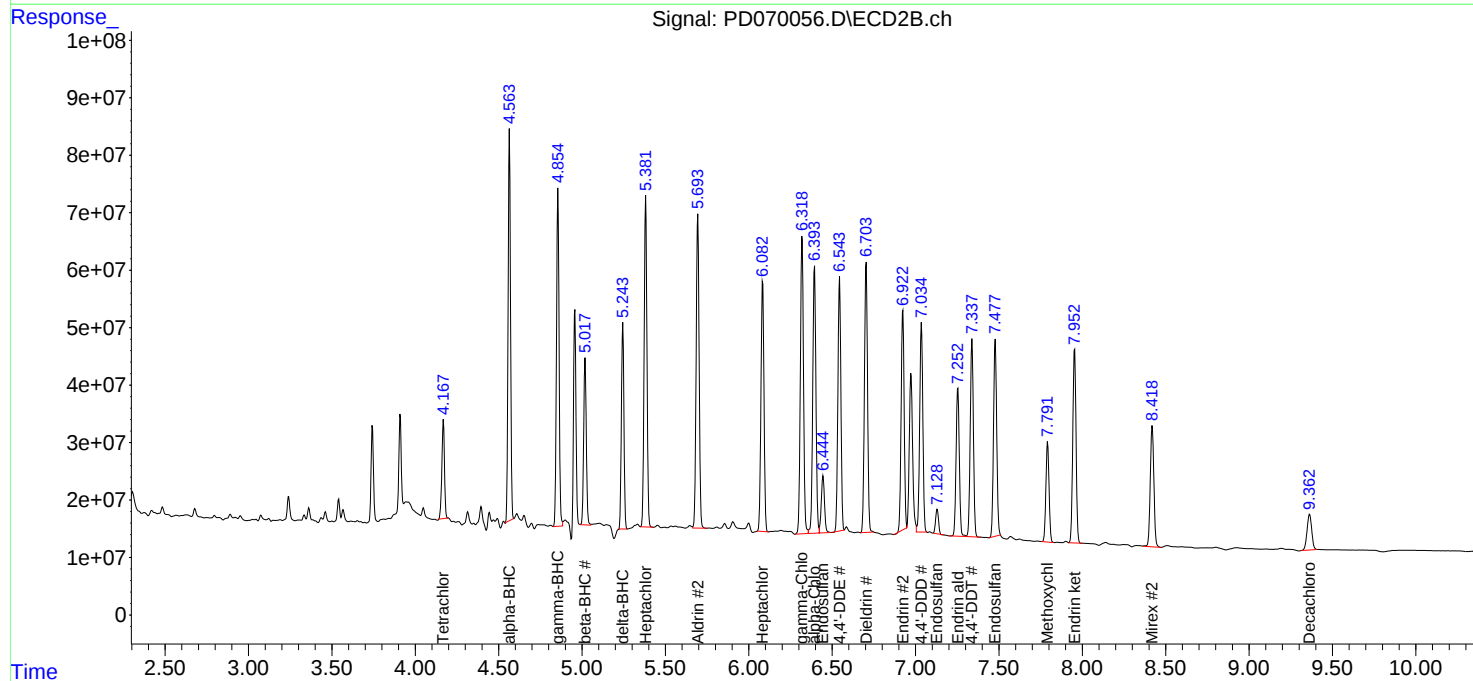
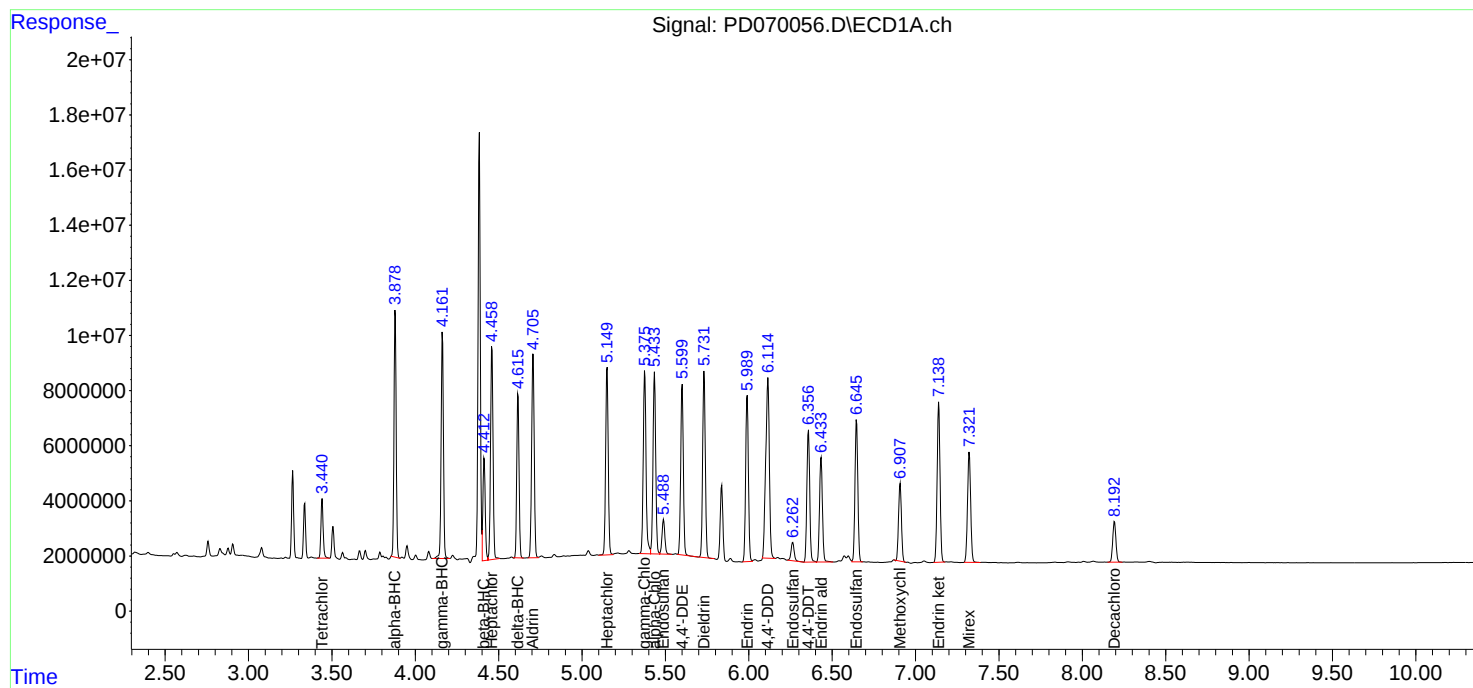
Instrument :
ECD_D
ClientSampleId :
20220425-SPLP-AMENDED-COMP-EMSD

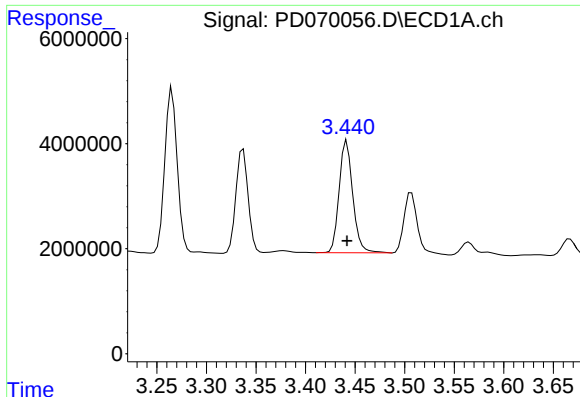
Manual Integrations
APPROVED

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 12:35:10 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





#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 20459637
Conc: 19.23 ng/ml

Instrument :

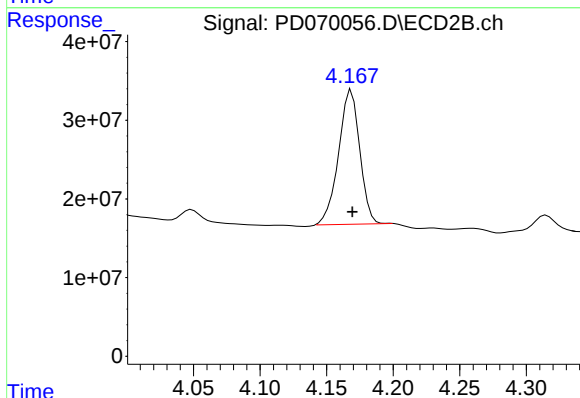
ECD_D

ClientSampleId :

20220425-SPLP-AMENDED-COMP-EMSD

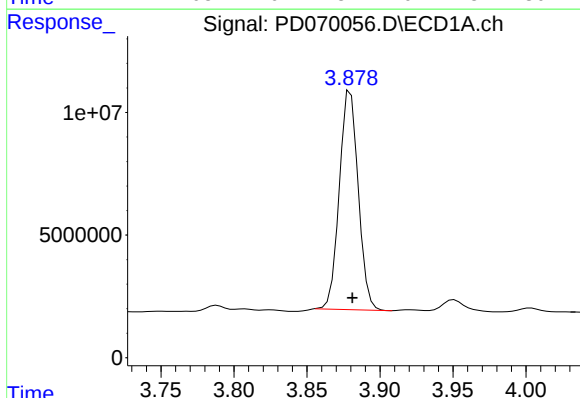
Manual Integrations
APPROVED

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



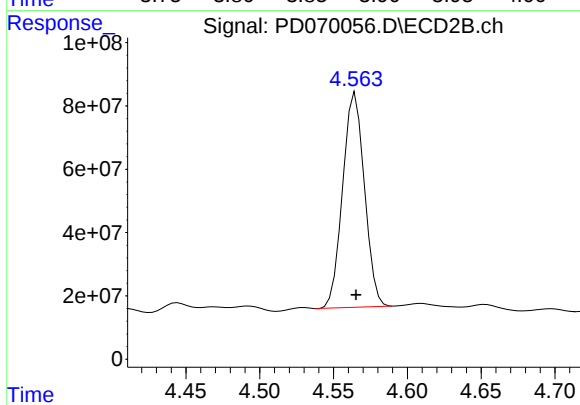
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 189104862
Conc: 21.46 ng/ml



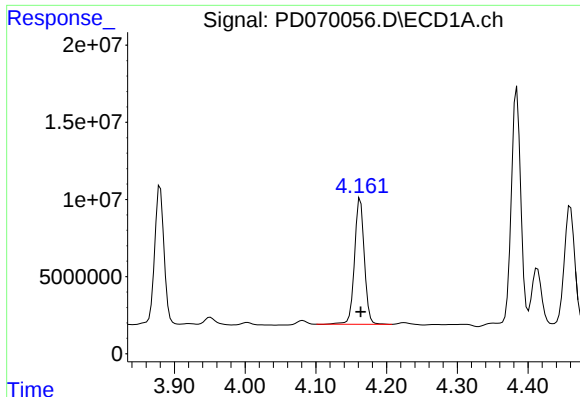
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.001 min
Response: 80490373
Conc: 49.12 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 696684267
Conc: 53.20 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 78884360
Conc: 45.71 ng/ml

Instrument :

ECD_D

ClientSampleId :

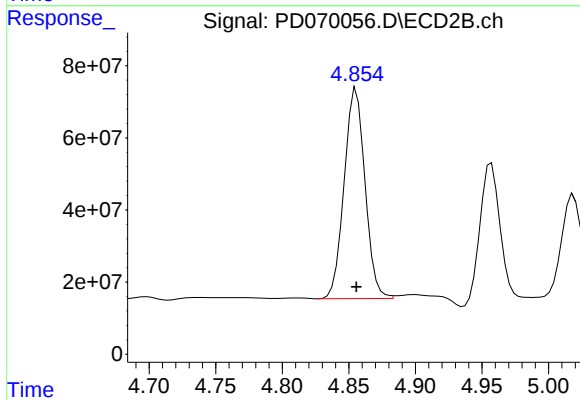
20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations

APPROVED

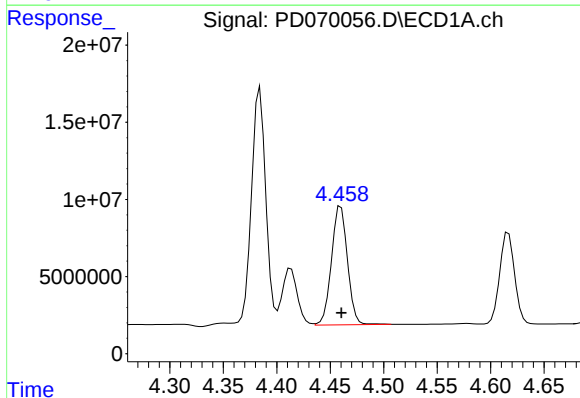
Reviewed By :Abdul Mirza 06/06/2022

Supervised By :Ankita Jodhani 06/07/2022



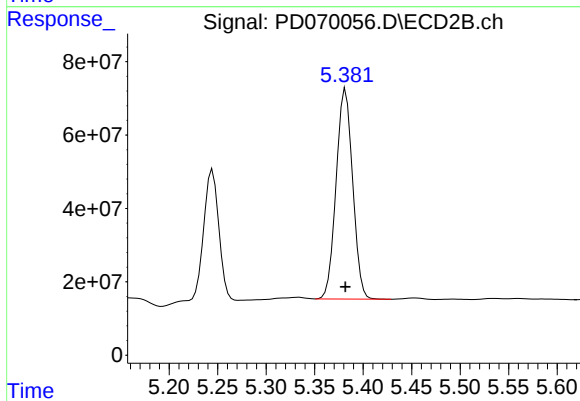
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: -0.001 min
Response: 635968154
Conc: 51.55 ng/ml m



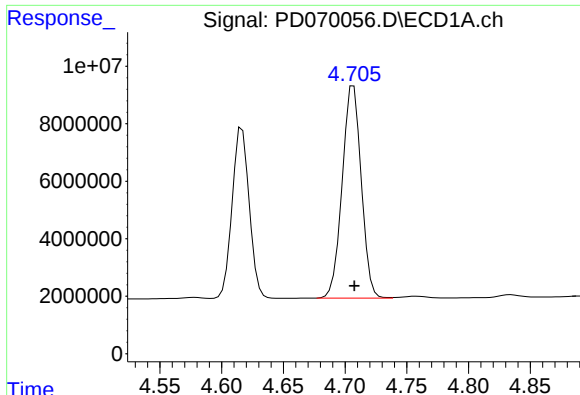
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 80013269
Conc: 53.60 ng/ml



#4 Heptachlor

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 678832156
Conc: 58.31 ng/ml



#5 Aldrin

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 79337340
Conc: 54.74 ng/ml

Instrument :

ECD_D

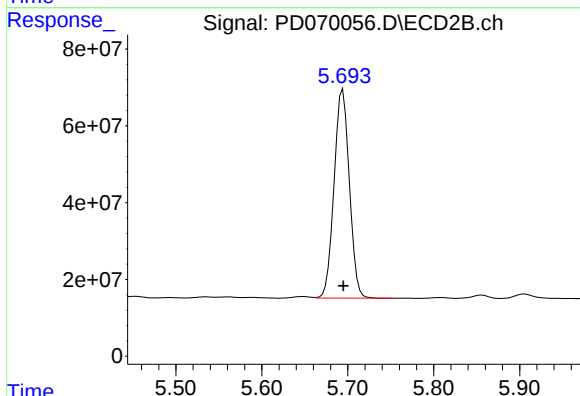
ClientSampleId :

20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations

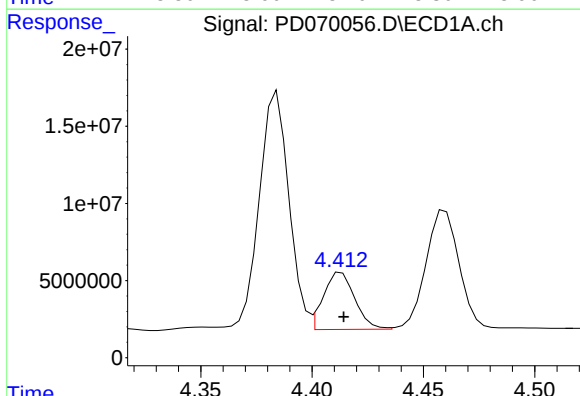
APPROVED

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



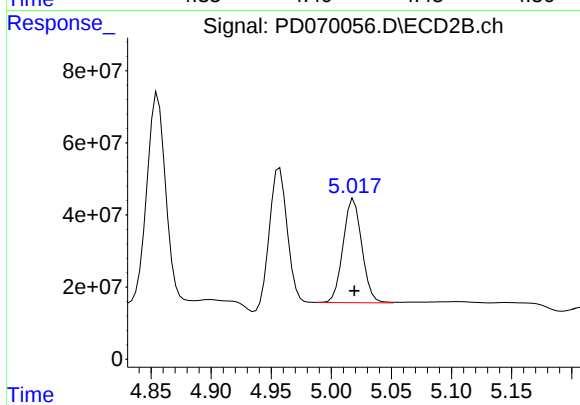
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 669728813
Conc: 58.06 ng/ml



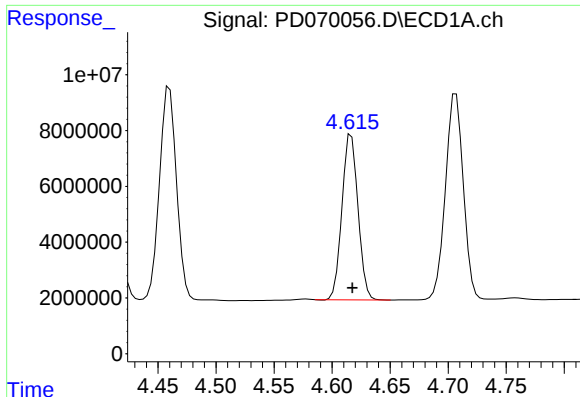
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 36248051
Conc: 52.08 ng/ml



#6 beta-BHC

R.T.: 5.017 min
Delta R.T.: -0.002 min
Response: 314124270
Conc: 59.80 ng/ml m



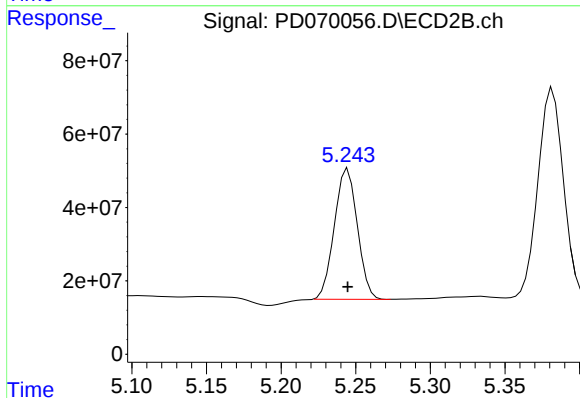
#7 delta-BHC

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 56988705
Conc: 37.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220425-SPLP-AMENDED-COMP-EMSD

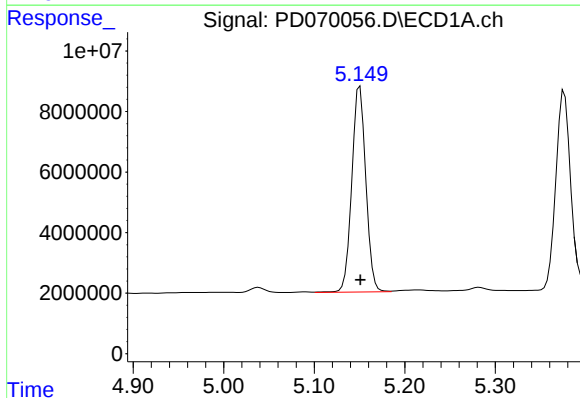
Manual Integrations
APPROVED

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



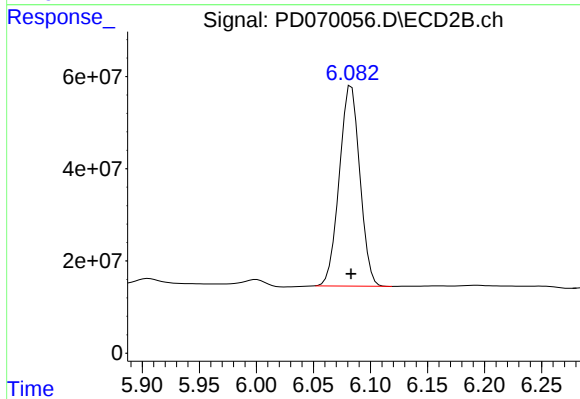
#7 delta-BHC

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 382854142
Conc: 40.24 ng/ml



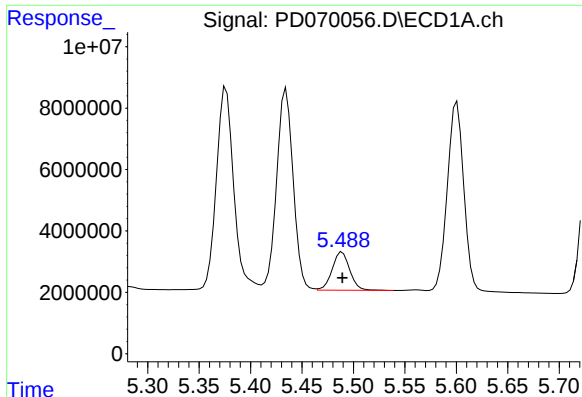
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.000 min
Response: 73191826
Conc: 54.81 ng/ml



#8 Heptachlor epoxide

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 545235169
Conc: 69.29 ng/ml



#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 14830661
Conc: 11.84 ng/ml

Instrument :

ECD_D

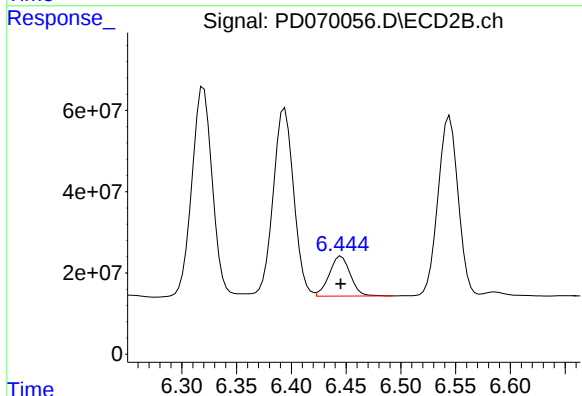
ClientSampleId :

20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations

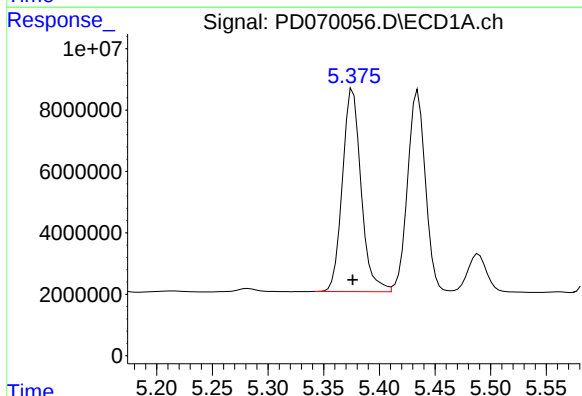
APPROVED

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



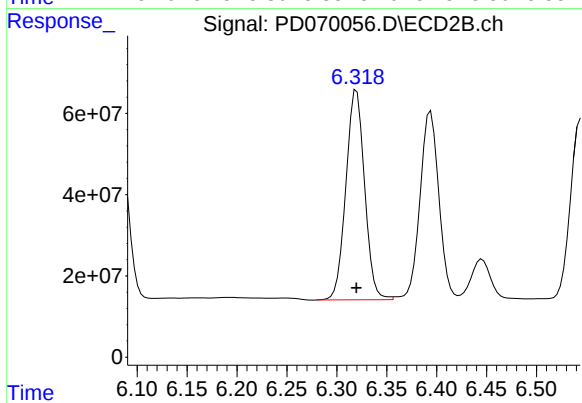
#9 Endosulfan I

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 131752550
Conc: 14.45 ng/ml



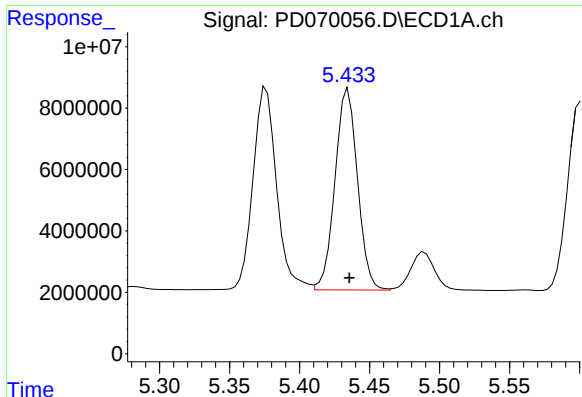
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 77221676
Conc: 57.07 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 672320280
Conc: 67.84 ng/ml



#11 alpha-Chlordane

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 73385896
Conc: 55.12 ng/ml

Instrument :

ECD_D

ClientSampleId :

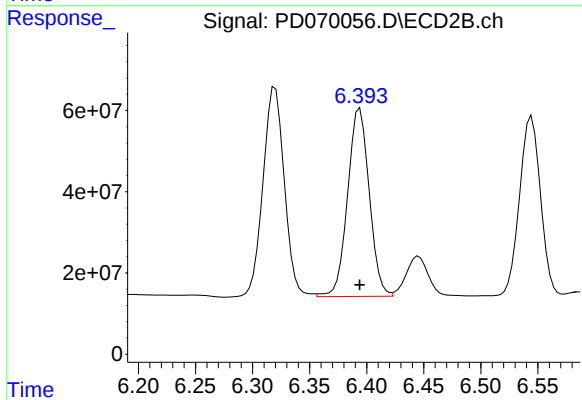
20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations

APPROVED

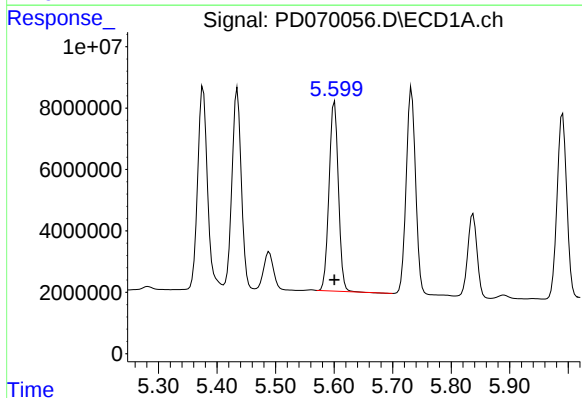
Reviewed By :Abdul Mirza 06/06/2022

Supervised By :Ankita Jodhani 06/07/2022



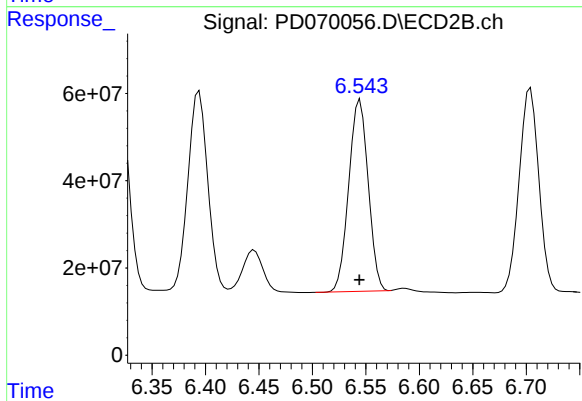
#11 alpha-Chlordane

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 610600258
Conc: 62.83 ng/ml



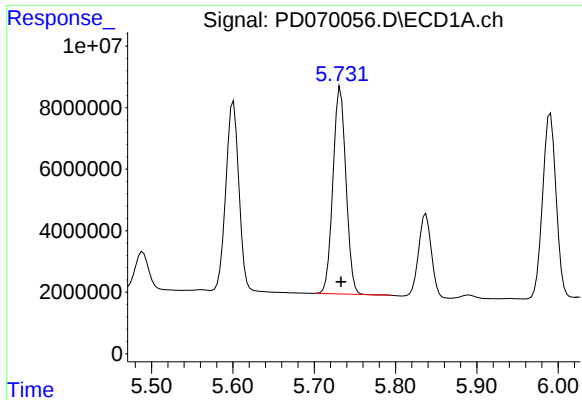
#12 4,4'-DDE

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 68272230
Conc: 53.89 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 556592931
Conc: 61.52 ng/ml



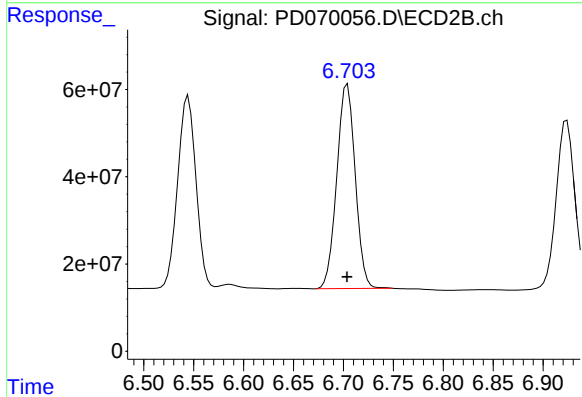
#13 Dieldrin

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 74717376
Conc: 56.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220425-SPLP-AMENDED-COMP-EMSD

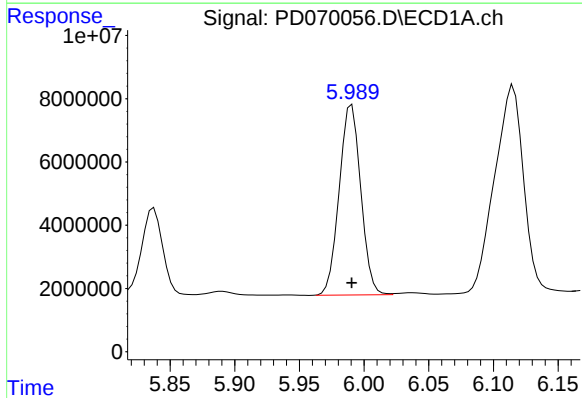
Manual Integrations
APPROVED

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



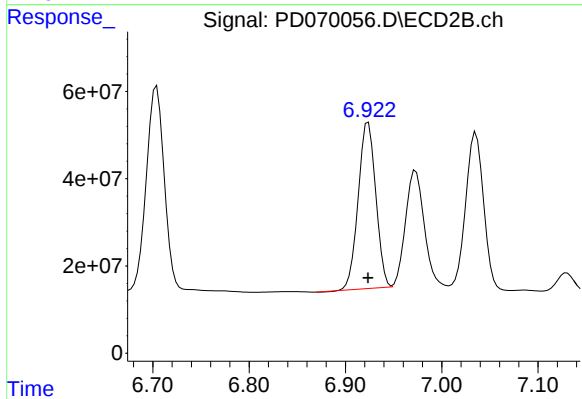
#13 Dieldrin

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 602403572
Conc: 63.85 ng/ml



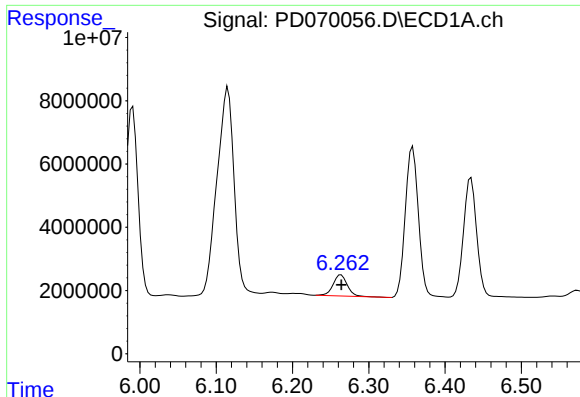
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 69613245
Conc: 60.29 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 482890361
Conc: 71.55 ng/ml



#15 Endosulfan II

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 8591694
Conc: 7.72 ng/ml

Instrument :

ECD_D

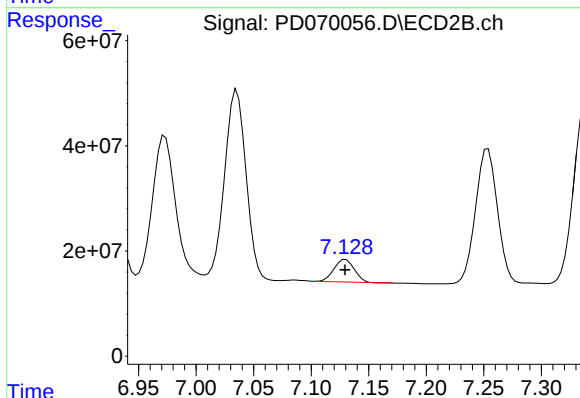
ClientSampleId :

20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations

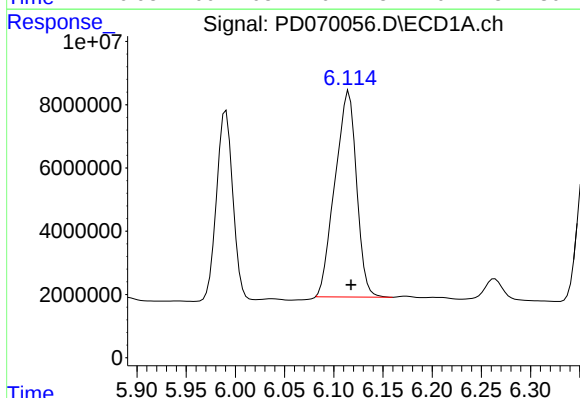
APPROVED

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



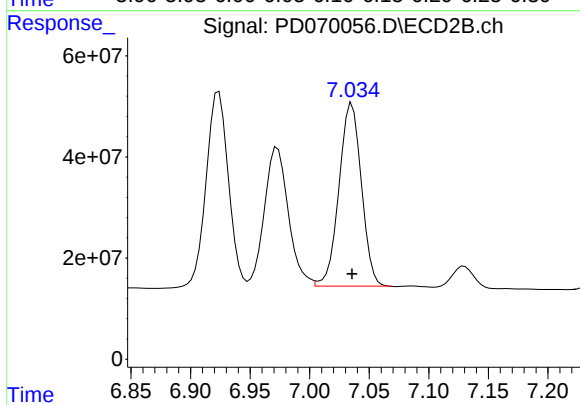
#15 Endosulfan II

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 51971035
Conc: 7.00 ng/ml



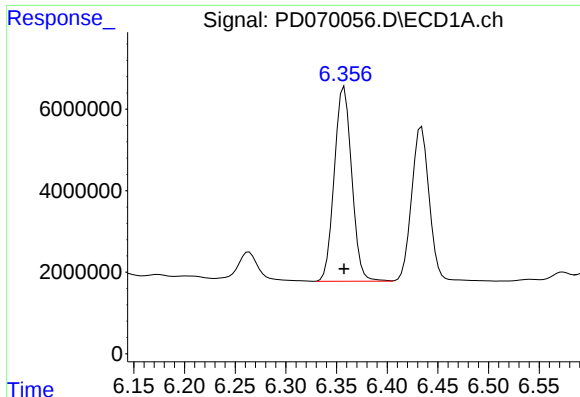
#16 4,4'-DDD

R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 99321336
Conc: 91.79 ng/ml



#16 4,4'-DDD

R.T.: 7.034 min
Delta R.T.: -0.001 min
Response: 473150472
Conc: 63.89 ng/ml m



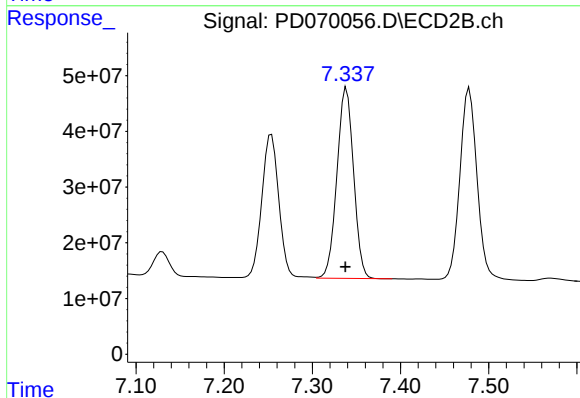
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 57268760
Conc: 57.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220425-SPLP-AMENDED-COMP-EMSD

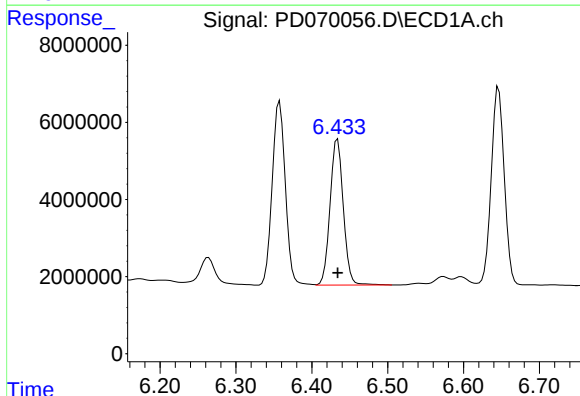
Manual Integrations
APPROVED

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



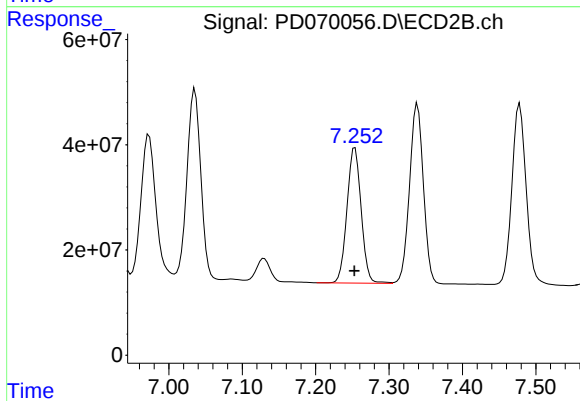
#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 448744880
Conc: 61.32 ng/ml



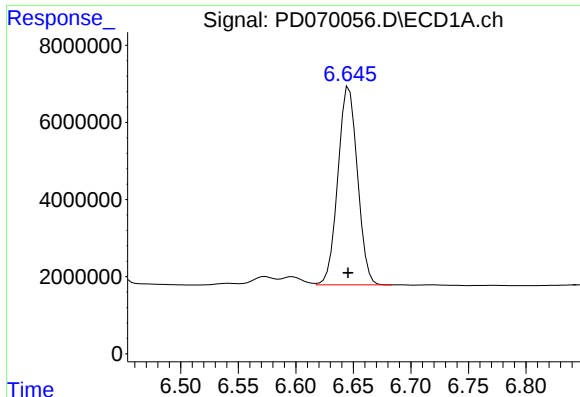
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 45868538
Conc: 53.39 ng/ml



#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 345347871
Conc: 60.15 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 61022702
Conc: 52.94 ng/ml

Instrument :

ECD_D

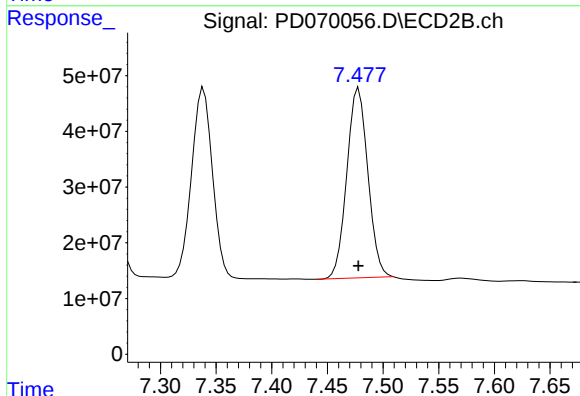
ClientSampleId :

20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations

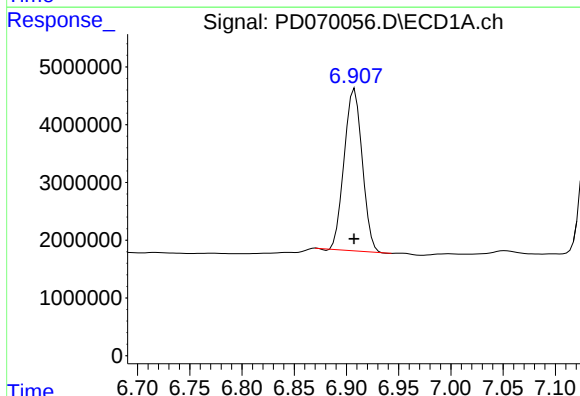
APPROVED

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



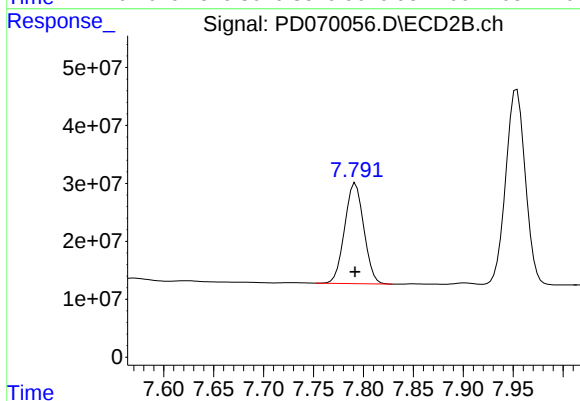
#19 Endosulfan Sulfate

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 449760681
Conc: 61.00 ng/ml



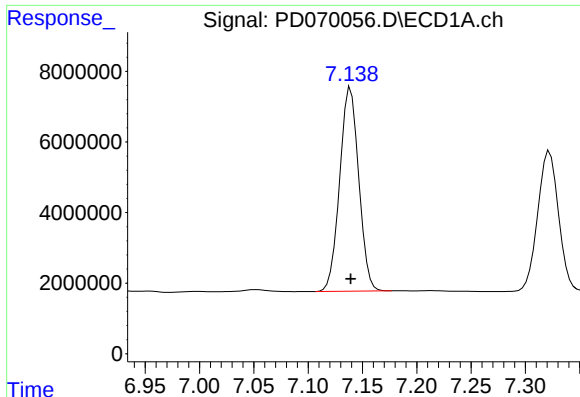
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 33746911
Conc: 59.49 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 231288853
Conc: 64.87 ng/ml



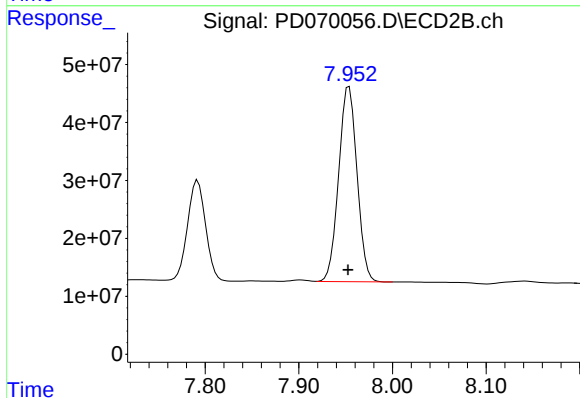
#21 Endrin ketone

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 70555954
Conc: 52.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
20220425-SPLP-AMENDED-COMP-EMSD

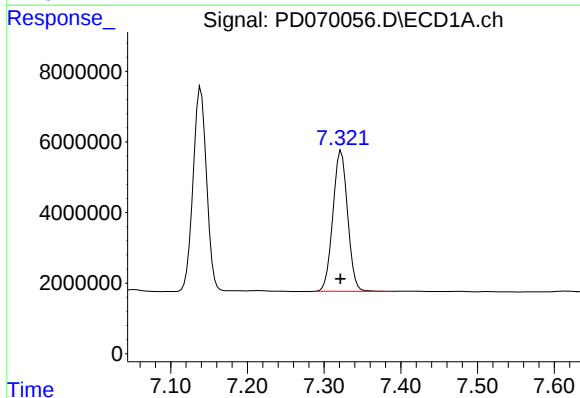
Manual Integrations
APPROVED

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



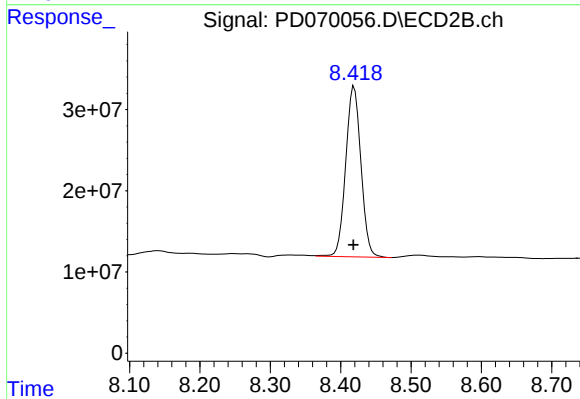
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.001 min
Response: 459068096
Conc: 57.66 ng/ml



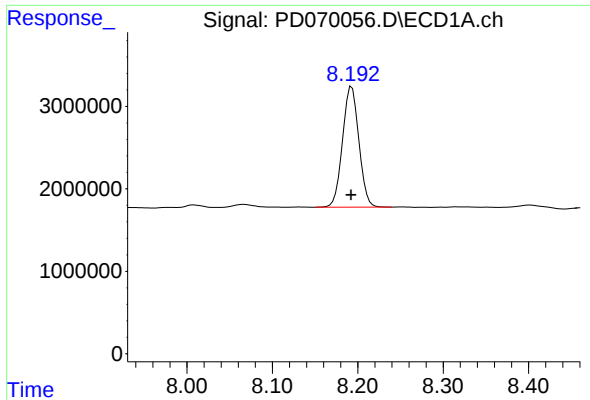
#22 Mirex

R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 52995950
Conc: 52.71 ng/ml



#22 Mirex

R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 316389424
Conc: 59.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 19483954
Conc: 17.86 ng/ml

Instrument :

ECD_D

ClientSampleId :

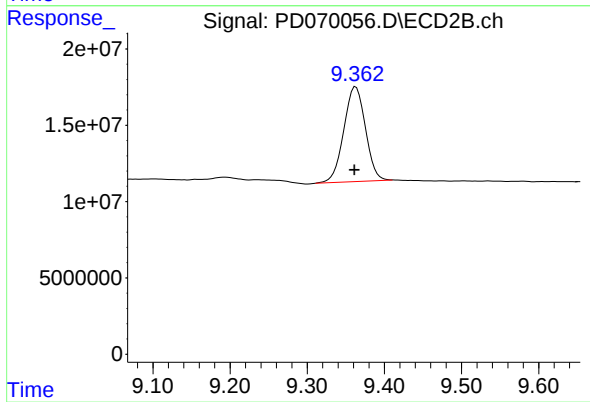
20220425-SPLP-AMENDED-COMP-EMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/06/2022

Supervised By :Ankita Jodhani 06/07/2022



#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: 0.002 min
Response: 121211486
Conc: 22.41 ng/ml