

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020322\
 Data File : PL072435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2022 13:51
 Operator : AR\AJ
 Sample : N1378-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ASTORIA-YARD-PIT-11-STOCKPILEMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/04/2022
 Supervised By :Ankita Jodhani 02/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 04:57:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.557	5.491	8238258	25414104	14.839	15.648
2) SA Decachlor...	10.315	11.379f	11041497	31430272	12.428	19.480 #
Target Compounds						
2) A alpha-BHC	5.263	6.073	29943442	92947490	38.726	38.522
3) MA gamma-BHC...	5.685	6.468	31679841	85536079	42.014	38.011m
4) MA Heptachlor	6.091	7.115	32063443	75817071	37.167	32.701
5) MB Aldrin	6.415	7.484	29837189	90884554	37.786	41.101
6) B beta-BHC	6.073	6.729	11798468	35306704	35.692	35.659
7) B delta-BHC	6.329	6.996	29445180	87765233	37.172	35.672
8) B Heptachlo...	6.993	7.951	30693640	100.2E6	40.321	50.025m
9) A Endosulfan I	7.395	8.357	26560070	62609796	37.371	34.590
10) B gamma-Chl...	7.269	8.221	77656878	190.0E6	98.835	94.002m
11) B alpha-Chl...	7.339	8.304	64365042	194.0E6	82.046	97.845
12) B 4,4'-DDE	7.554	8.493	27906443	93822810	38.652	49.609 #
13) MA Dieldrin	7.685	8.645	49577272	153.1E6	65.438	77.950
14) MA Endrin	7.971	8.885	33510522	77002519	47.827m	46.443
15) B Endosulfa...	8.285	9.120	41963114	59512260	56.438	34.703m#
16) A 4,4'-DDD	8.140	9.031	23609205	340.0E6	40.273	237.812m#
17) MA 4,4'-DDT	8.395	9.348	149.8E6	58350500	225.596	36.918m#
18) B Endrin al...	8.474	9.259	18406263	64318108	32.306	51.812 #
19) B Endosulfa...	8.704	9.493	87858868	56851660	119.832	36.416m#
20) A Methoxychlor	8.989	9.836	5536543	19736484	13.123m	23.826m#
21) B Endrin ke...	9.222	9.991	27451589	69621820	32.967	42.067 #
22) Mirex	9.403	10.453	27935083	61029167	37.828	48.910 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072435.D
Data File : PL072435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2022 13:51
Operator : AR\AJ
Sample : N1378-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

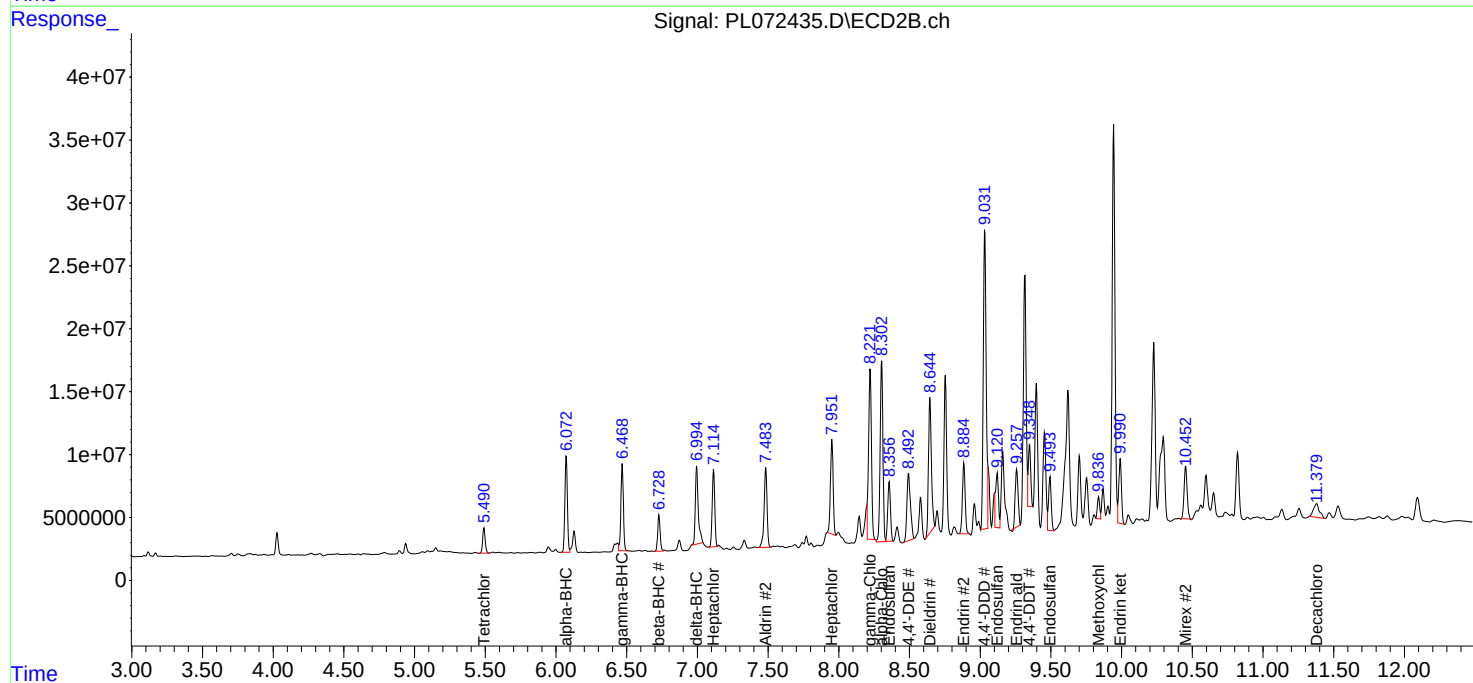
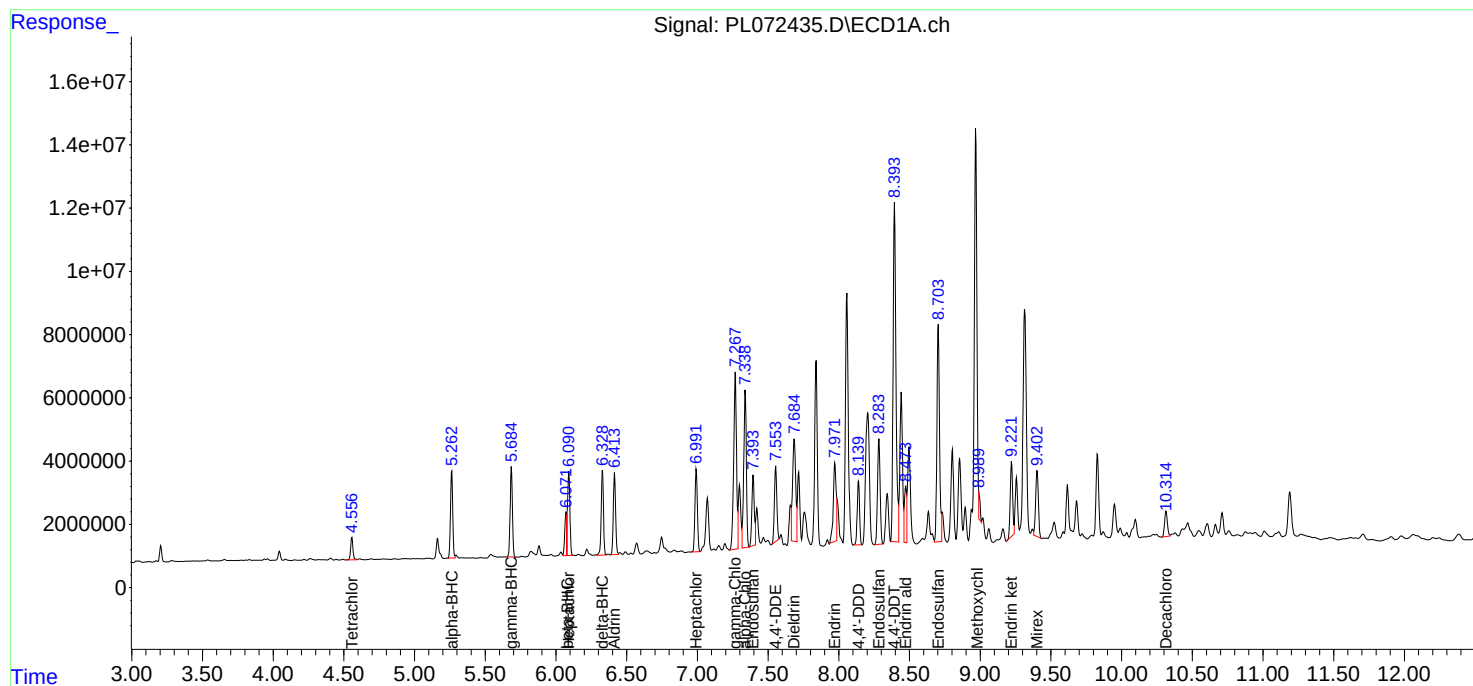
Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

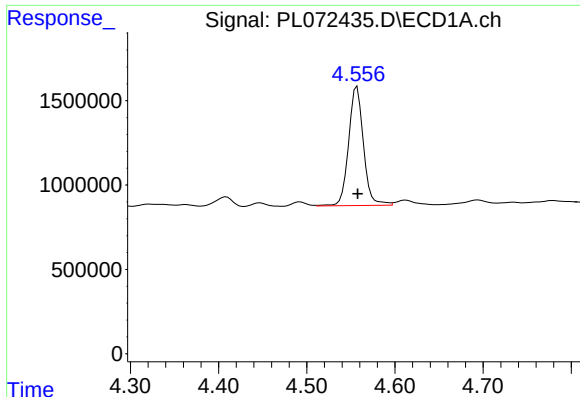
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 02/04/2022
Supervised By : Ankita Jodhani 02/04/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 04:57:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
Quant Title : GC Extractables
QLast Update : Tue Jan 18 10:53:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





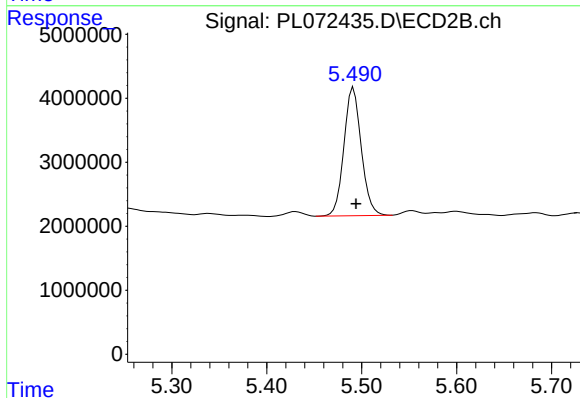
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 8238258
Conc: 14.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

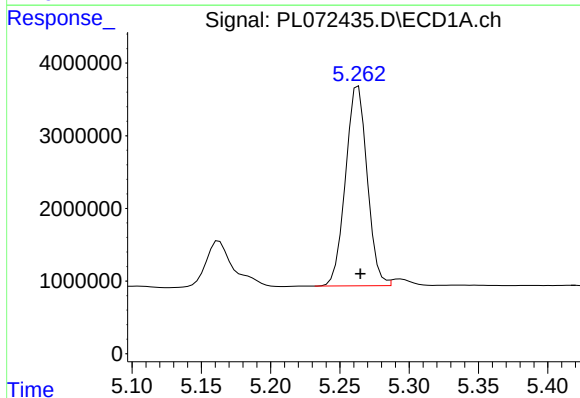
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



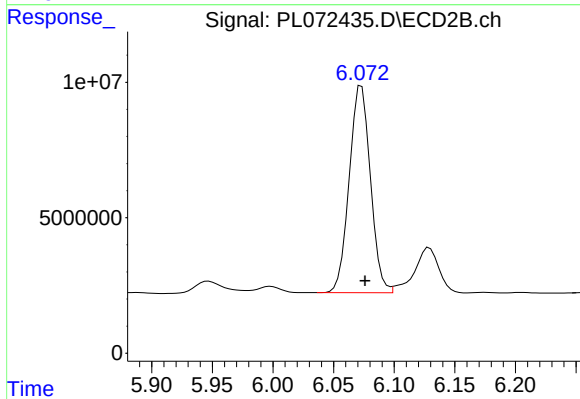
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 25414104
Conc: 15.65 ng/ml



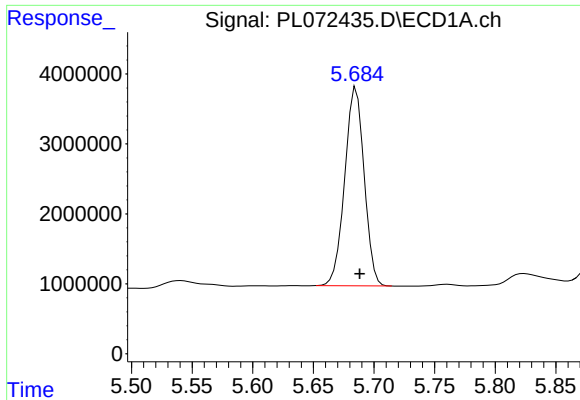
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 29943442
Conc: 38.73 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 92947490
Conc: 38.52 ng/ml



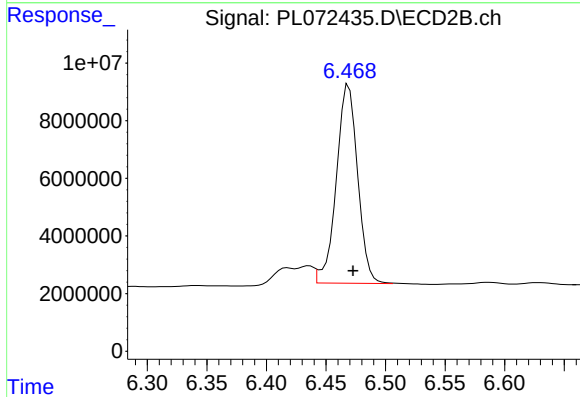
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 31679841
Conc: 42.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

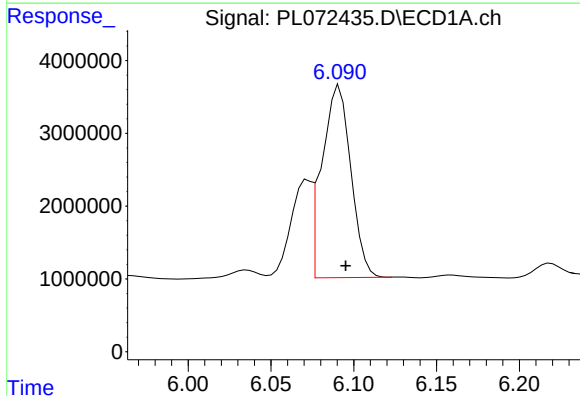
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



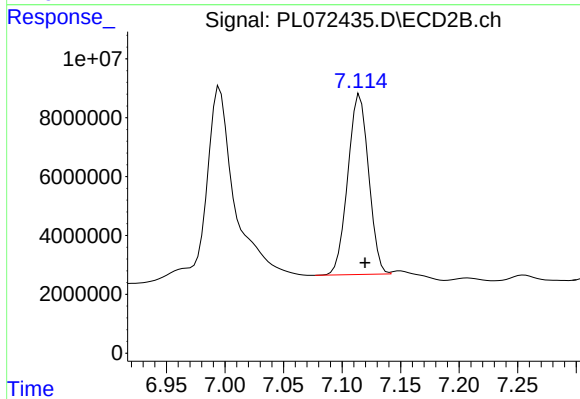
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 85536079
Conc: 38.01 ng/ml m



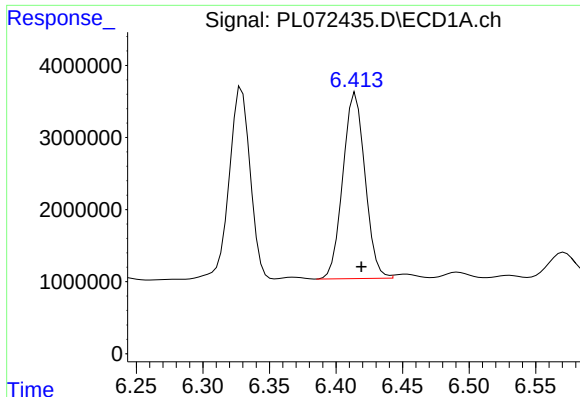
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 32063443
Conc: 37.17 ng/ml



#4 Heptachlor

R.T.: 7.115 min
Delta R.T.: -0.005 min
Response: 75817071
Conc: 32.70 ng/ml



#5 Aldrin

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 29837189
Conc: 37.79 ng/ml

Instrument :

ECD_L

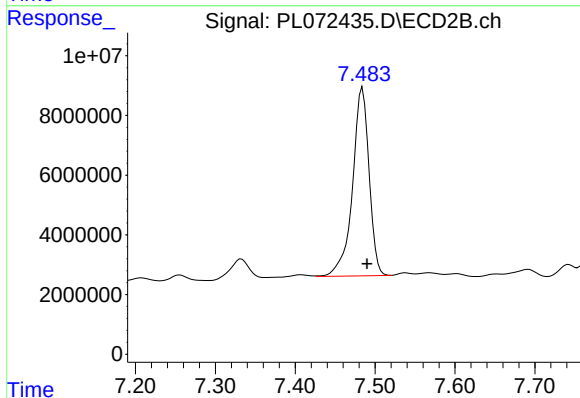
ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILEMSD

Manual Integrations

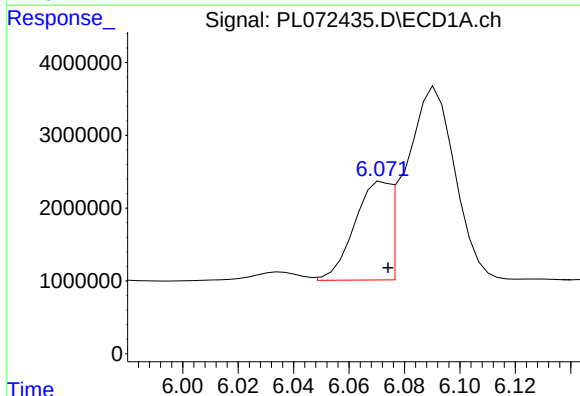
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



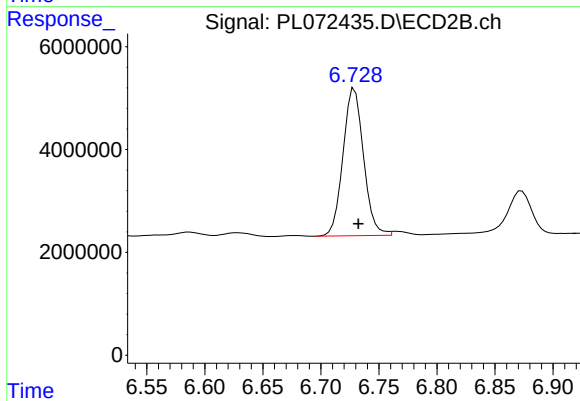
#5 Aldrin

R.T.: 7.484 min
Delta R.T.: -0.006 min
Response: 90884554
Conc: 41.10 ng/ml



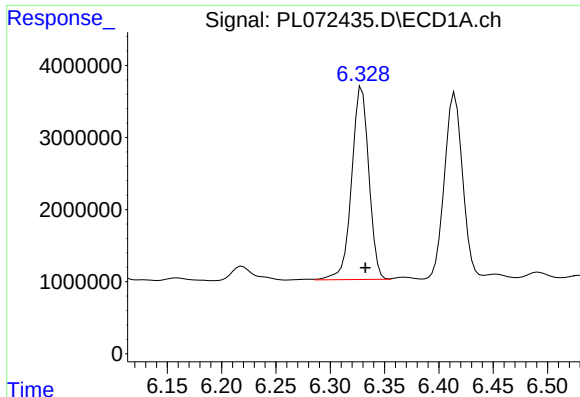
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 11798468
Conc: 35.69 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 35306704
Conc: 35.66 ng/ml



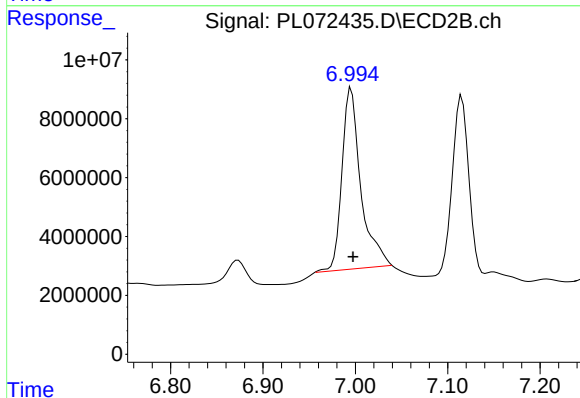
#7 delta-BHC

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 29445180
Conc: 37.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

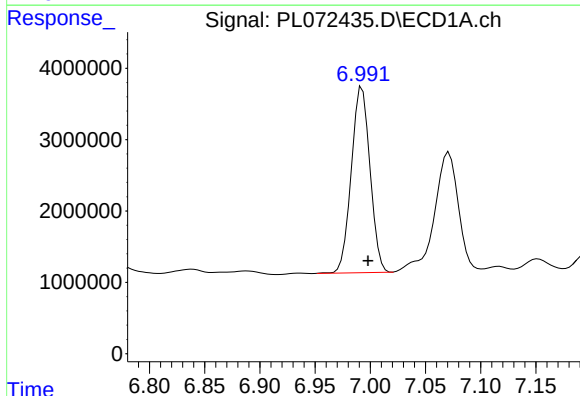
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



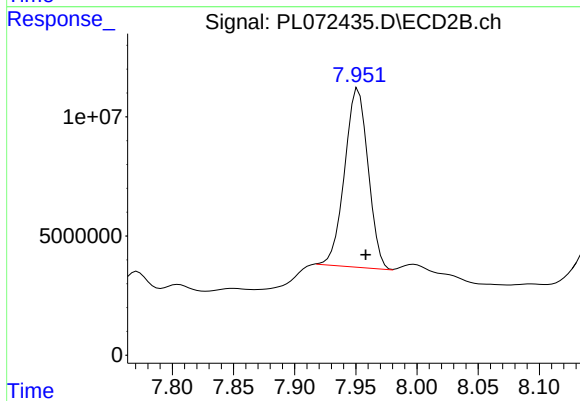
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 87765233
Conc: 35.67 ng/ml



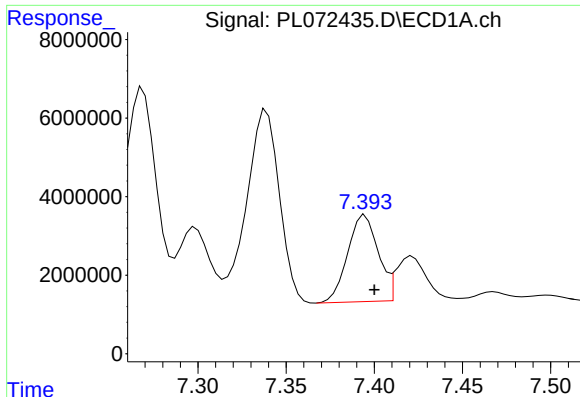
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 30693640
Conc: 40.32 ng/ml



#8 Heptachlor epoxide

R.T.: 7.951 min
Delta R.T.: -0.008 min
Response: 100164169
Conc: 50.02 ng/ml m



#9 Endosulfan I

R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 26560070
Conc: 37.37 ng/ml

Instrument :

ECD_L

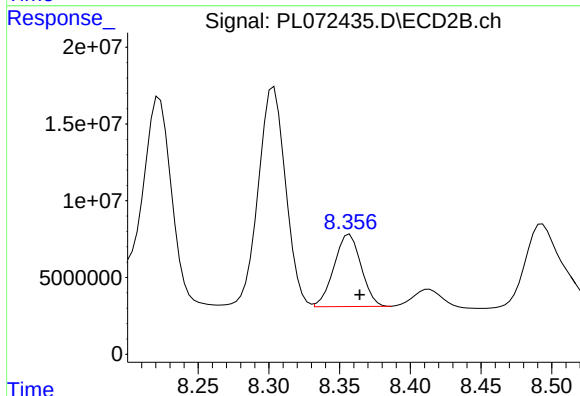
ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILEMSD

Manual Integrations

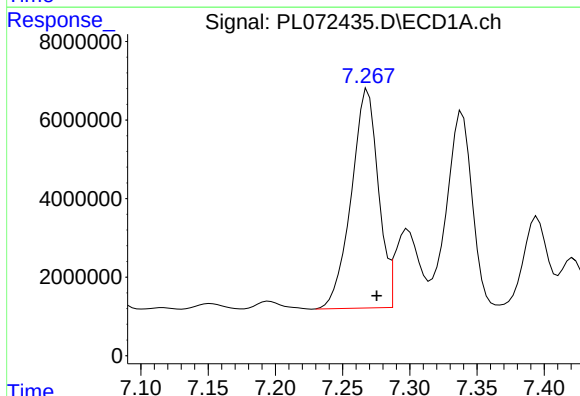
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



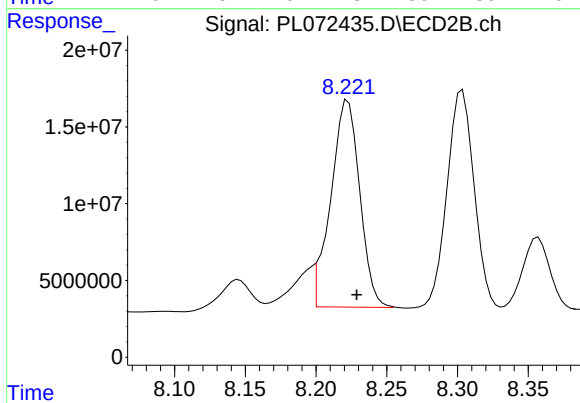
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.007 min
Response: 62609796
Conc: 34.59 ng/ml



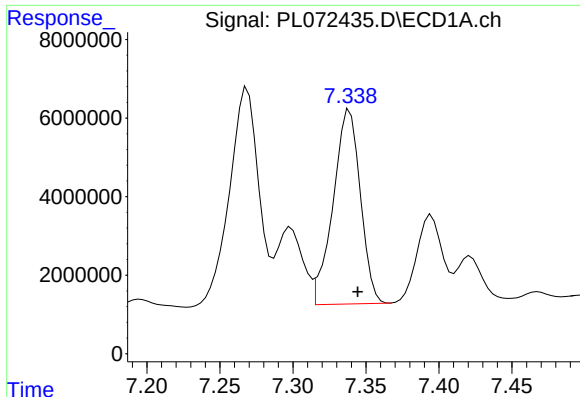
#10 gamma-Chlordane

R.T.: 7.269 min
Delta R.T.: -0.007 min
Response: 77656878
Conc: 98.84 ng/ml



#10 gamma-Chlordane

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 189961435
Conc: 94.00 ng/ml m



#11 alpha-Chlordane

R.T.: 7.339 min
Delta R.T.: -0.006 min
Response: 64365042
Conc: 82.05 ng/ml

Instrument :

ECD_L

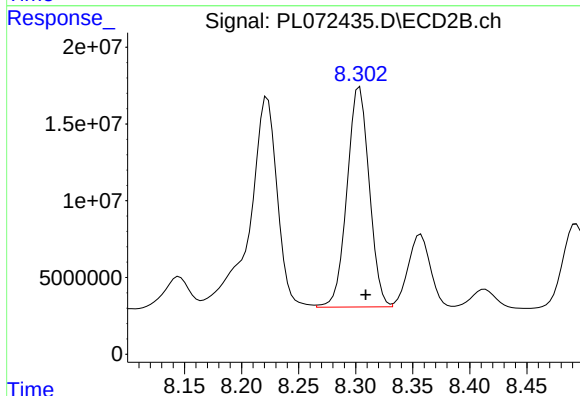
ClientSampleId :

ASTORIA-YARD-PIT-11-STOCKPILEMSD

Manual Integrations

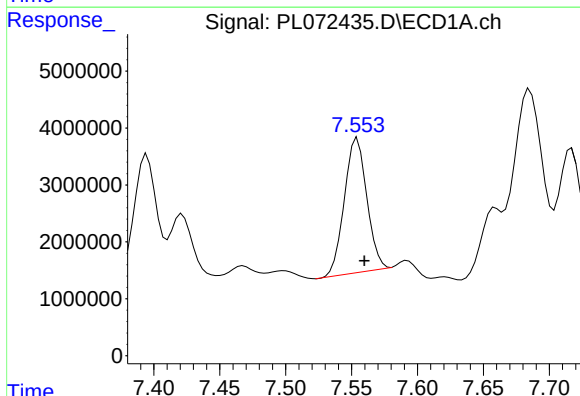
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



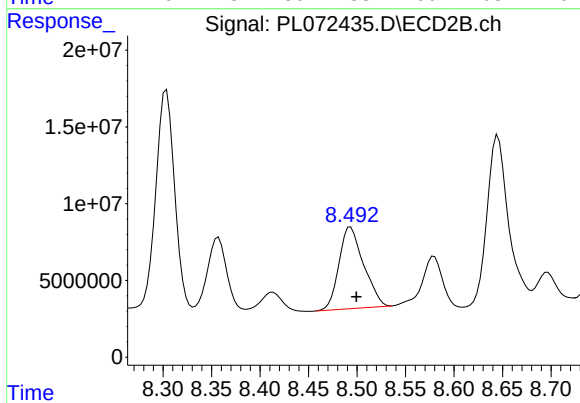
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 194007464
Conc: 97.85 ng/ml



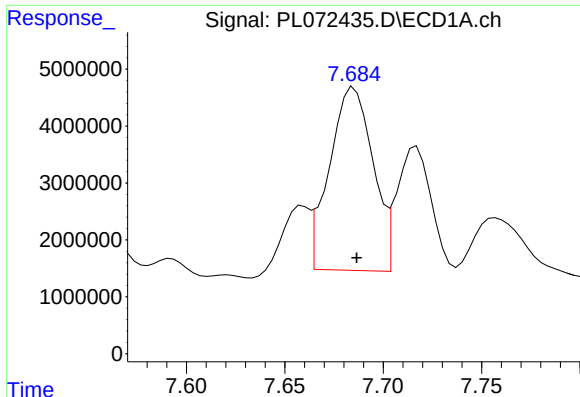
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 27906443
Conc: 38.65 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 93822810
Conc: 49.61 ng/ml



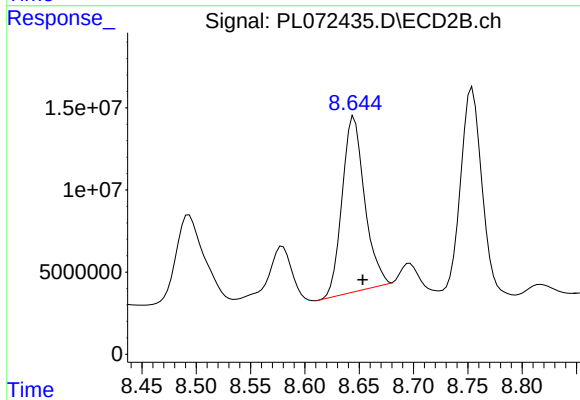
#13 Dieldrin

R.T.: 7.685 min
Delta R.T.: -0.001 min
Response: 49577272
Conc: 65.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

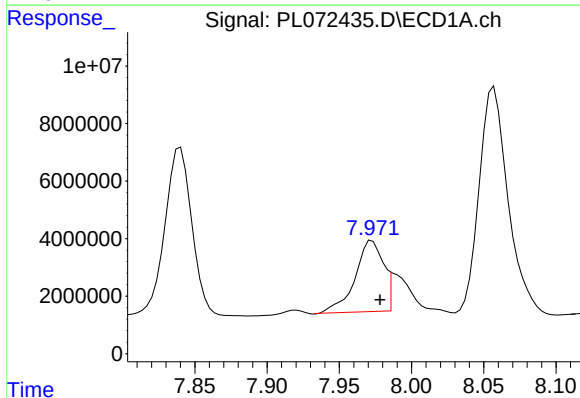
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



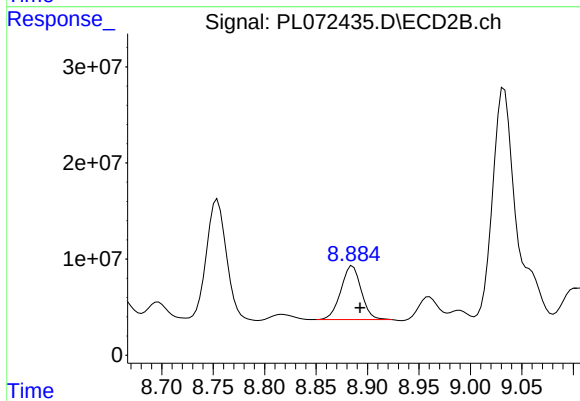
#13 Dieldrin

R.T.: 8.645 min
Delta R.T.: -0.008 min
Response: 153140143
Conc: 77.95 ng/ml



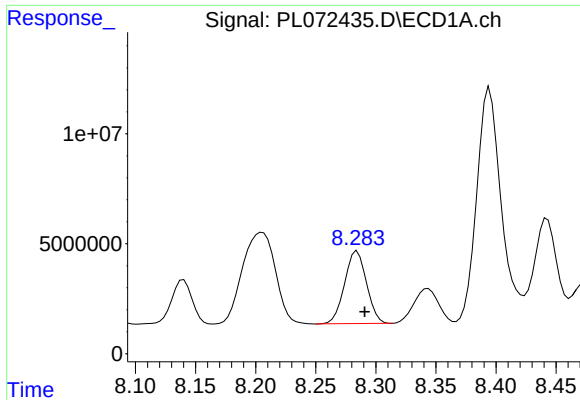
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 33510522
Conc: 47.83 ng/ml m



#14 Endrin

R.T.: 8.885 min
Delta R.T.: -0.007 min
Response: 77002519
Conc: 46.44 ng/ml



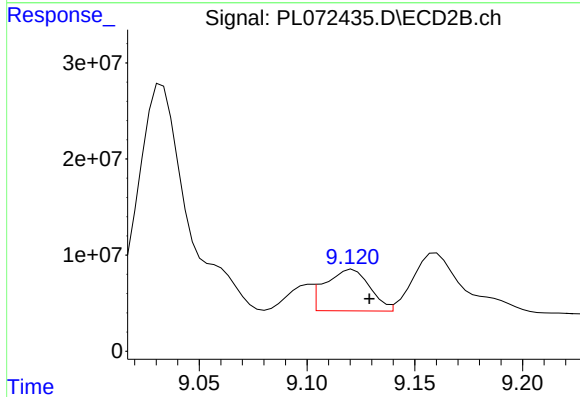
#15 Endosulfan II

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 41963114
Conc: 56.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

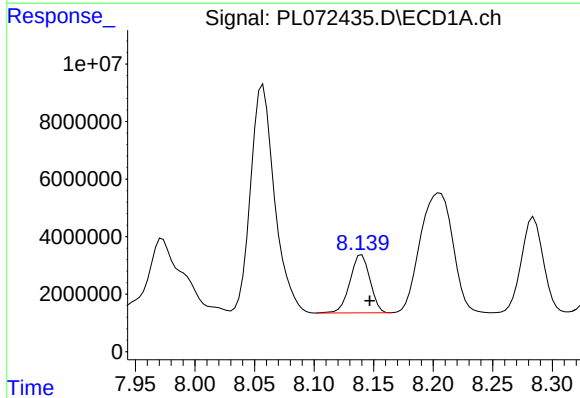
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



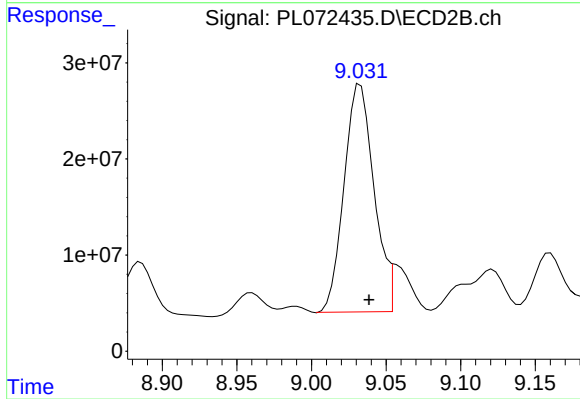
#15 Endosulfan II

R.T.: 9.120 min
Delta R.T.: -0.009 min
Response: 59512260
Conc: 34.70 ng/ml m



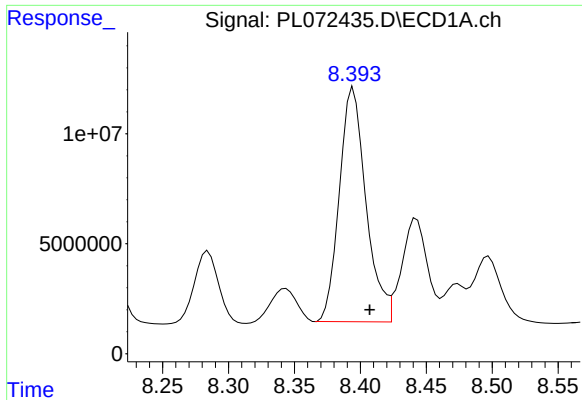
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 23609205
Conc: 40.27 ng/ml



#16 4,4'-DDD

R.T.: 9.031 min
Delta R.T.: -0.007 min
Response: 340020837
Conc: 237.81 ng/ml m



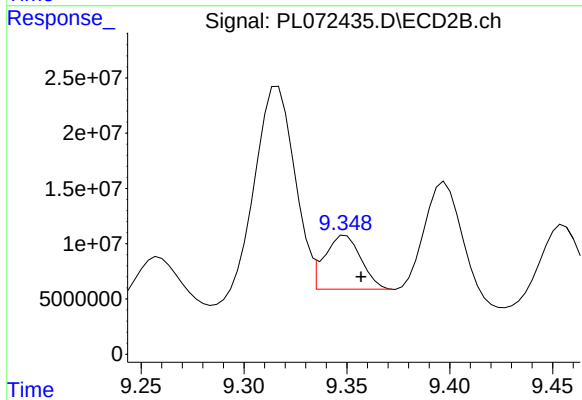
#17 4,4'-DDT

R.T.: 8.395 min
Delta R.T.: -0.013 min
Response: 149811264
Conc: 225.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

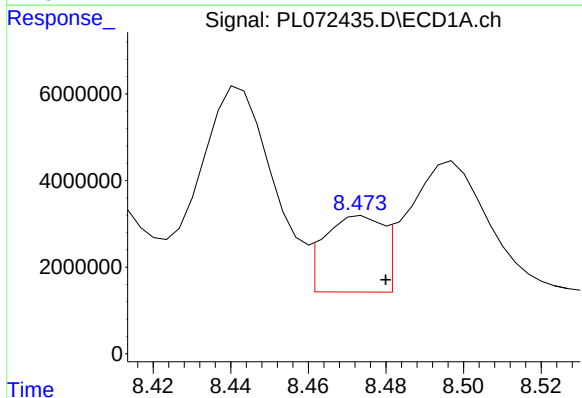
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



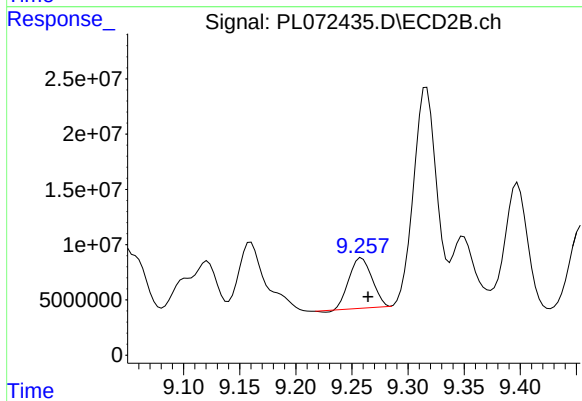
#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.009 min
Response: 58350500
Conc: 36.92 ng/ml m



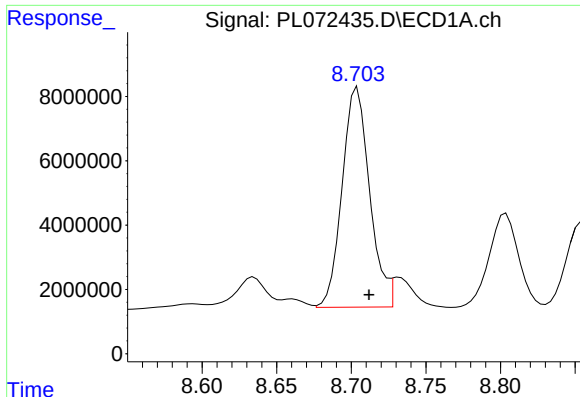
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 18406263
Conc: 32.31 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: -0.006 min
Response: 64318108
Conc: 51.81 ng/ml



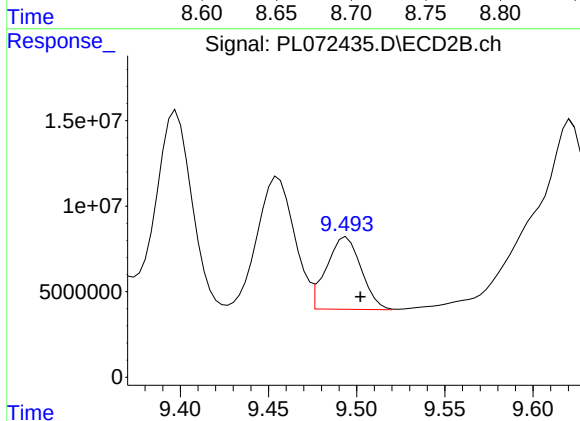
#19 Endosulfan Sulfate

R.T.: 8.704 min
Delta R.T.: -0.008 min
Response: 87858868
Conc: 119.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

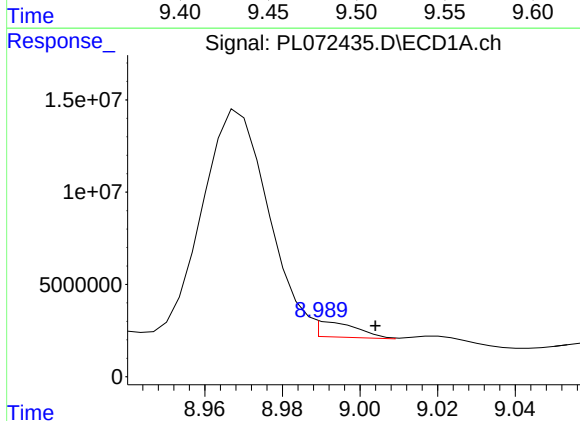
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



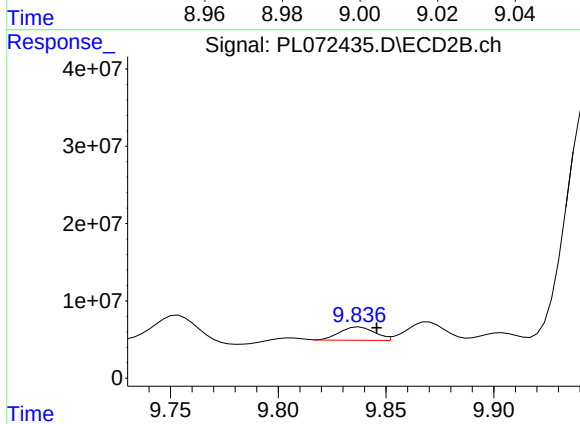
#19 Endosulfan Sulfate

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 56851660
Conc: 36.42 ng/ml m



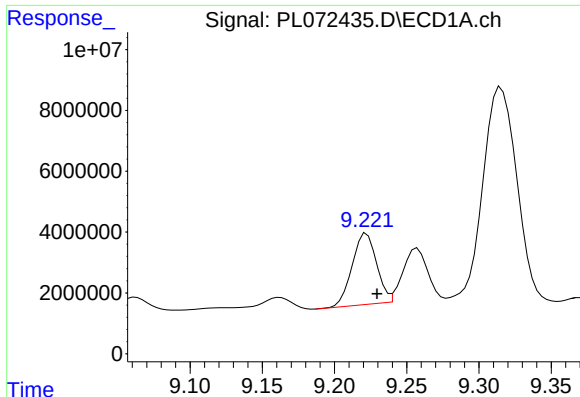
#20 Methoxychlor

R.T.: 8.989 min
Delta R.T.: -0.015 min
Response: 5536543
Conc: 13.12 ng/ml m



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.009 min
Response: 19736484
Conc: 23.83 ng/ml m



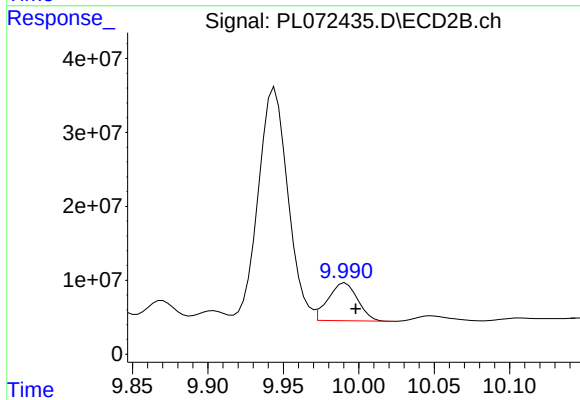
#21 Endrin ketone

R.T.: 9.222 min
Delta R.T.: -0.007 min
Response: 27451589
Conc: 32.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

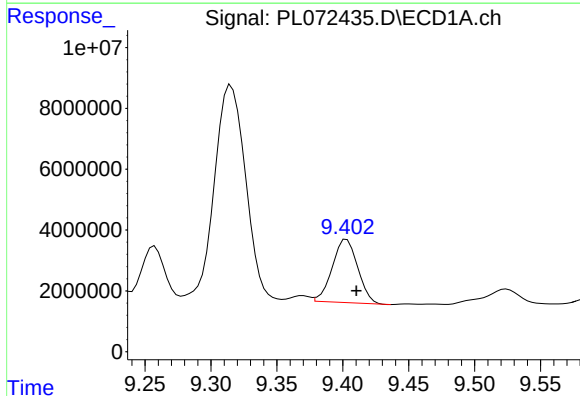
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



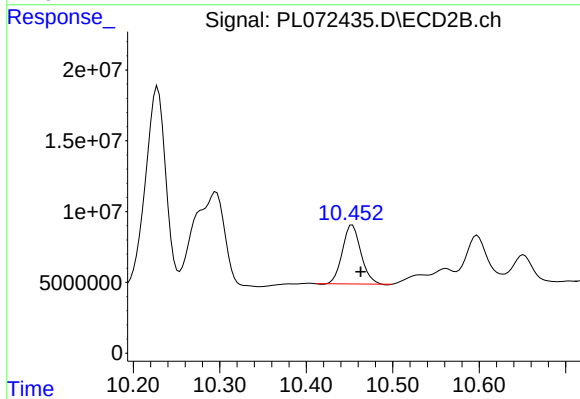
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 69621820
Conc: 42.07 ng/ml



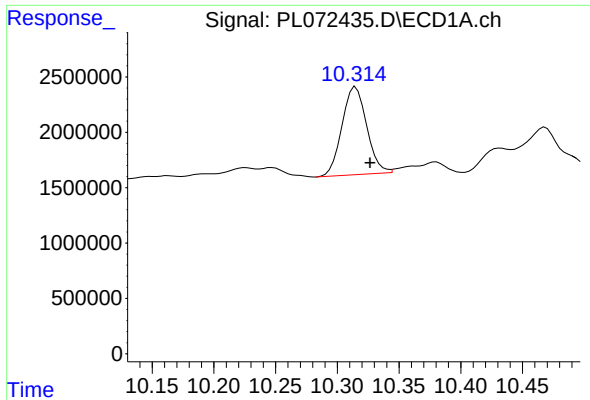
#22 Mirex

R.T.: 9.403 min
Delta R.T.: -0.007 min
Response: 27935083
Conc: 37.83 ng/ml



#22 Mirex

R.T.: 10.453 min
Delta R.T.: -0.009 min
Response: 61029167
Conc: 48.91 ng/ml



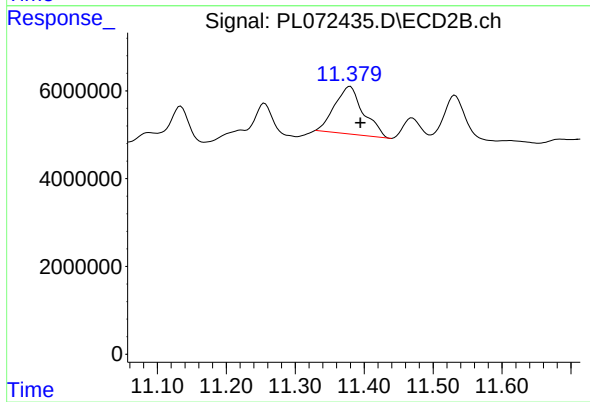
#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.012 min
Response: 11041497
Conc: 12.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILEMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2022
Supervised By :Ankita Jodhani 02/04/2022



#28 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.015 min
Response: 31430272
Conc: 19.48 ng/ml