

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030124AR\
 Data File : FD047372.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2024 12:47
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/04/2024
 Supervised By :mohammad ahmed 03/04/2024

Integration File: autoint1.e
 Quant Time: Mar 01 23:45:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.460	3172730	20.840 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
6) S 2-Fluorobiphenyl (SURR)	8.312	2068906	20.468 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.94%
11) S ortho-Terphenyl (SURR)	11.348	3567408	20.227 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3405580	21.602 ug/ml
2) T Naphthalene (C11.7)	5.801	3499533	21.057 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3495802	20.729 ug/ml
5) T Acenaphthylene (C15.06)	8.115	3161932	20.543 ug/ml
7) T Acenaphthene (C15.5)	8.410	3373552	20.467 ug/ml
8) T Flouorene (C16.55)	9.188	3239294	20.431 ug/ml
9) T Phenanthrene (C19.36)	10.576	3128842	20.140 ug/mlm
10) T Anthracene (C19.43)	10.650	2353377	15.959 ug/ml
12) T Fluoranthene (C21.85)	12.378	3081950	19.905 ug/ml
13) T Pyrene (C20.8)	12.672	2968582	19.734 ug/ml
14) T Benzo[a]anthracene (C...	14.535	2595233	19.306 ug/ml
15) T Chrysene (C27.41)	14.577	2822301	19.274 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2699969	19.610 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	2714533	19.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.452	2633170	19.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	2469836	19.564 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	2578727	19.354 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	2594298	19.566 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030124AR\
Data File : FD047372.D
Signal(s) : FID2B.ch
Acq On : 01 Mar 2024 12:47
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

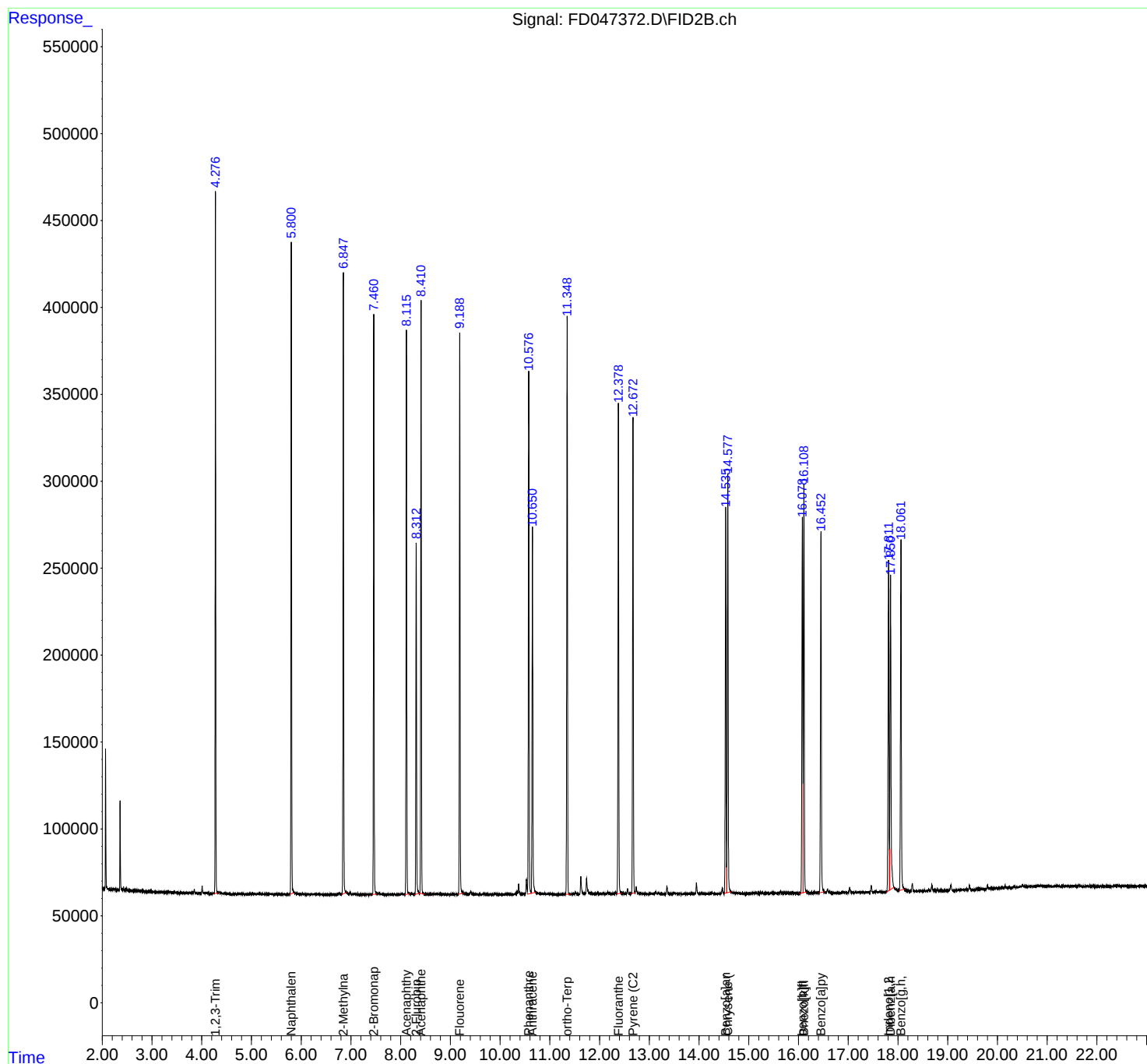
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

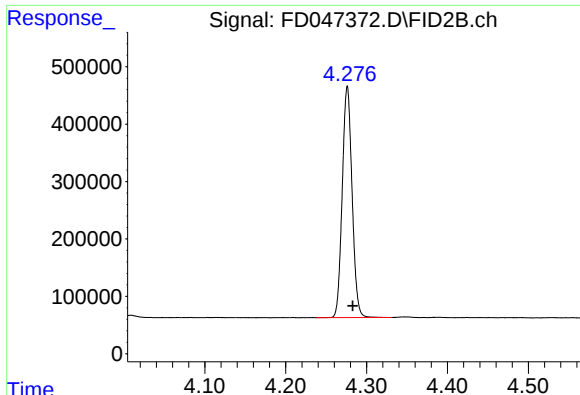
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024

Integration File: autoint1.e
Quant Time: Mar 01 23:45:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
Quant Title : GC Extractables
QLast Update : Thu Feb 08 13:43:49 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





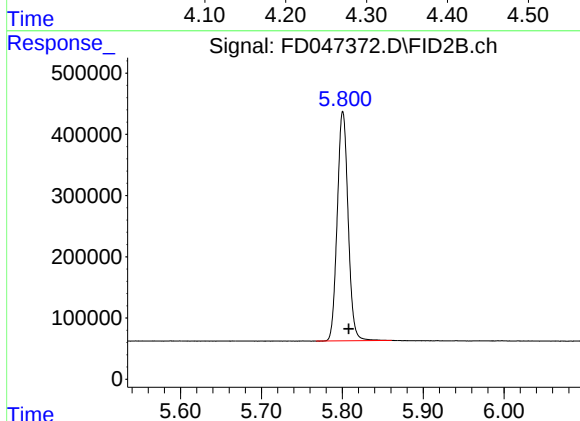
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: -0.007 min
Response: 3405580
Conc: 21.60 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

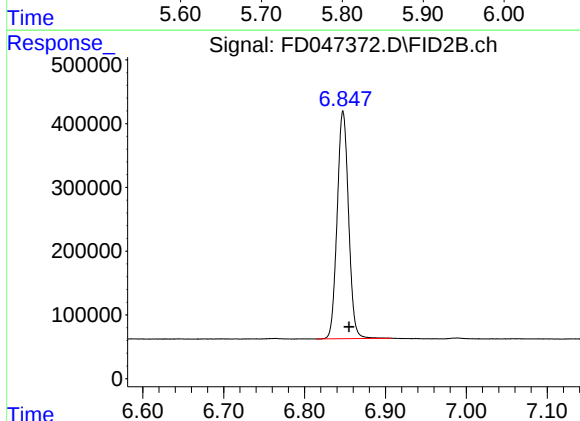
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



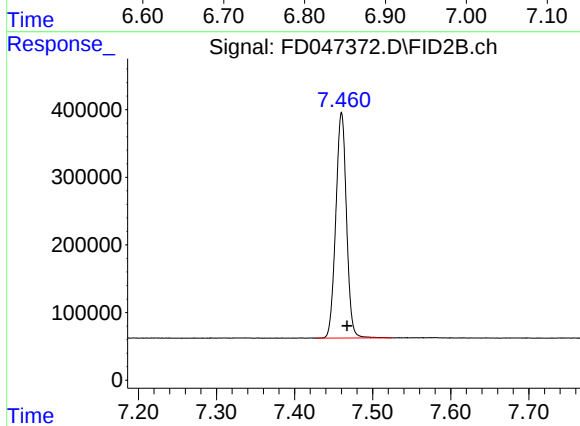
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.007 min
Response: 3499533
Conc: 21.06 ug/ml



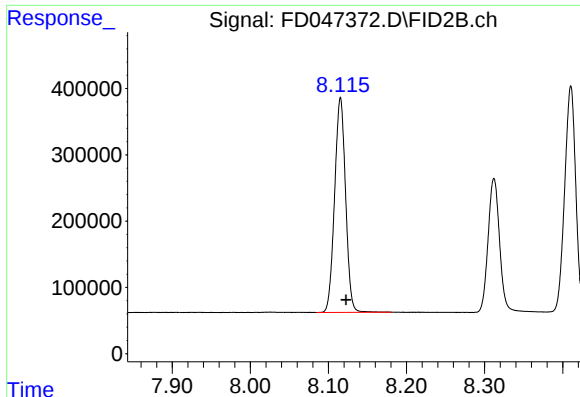
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: -0.007 min
Response: 3495802
Conc: 20.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 3172730
Conc: 20.84 ug/ml



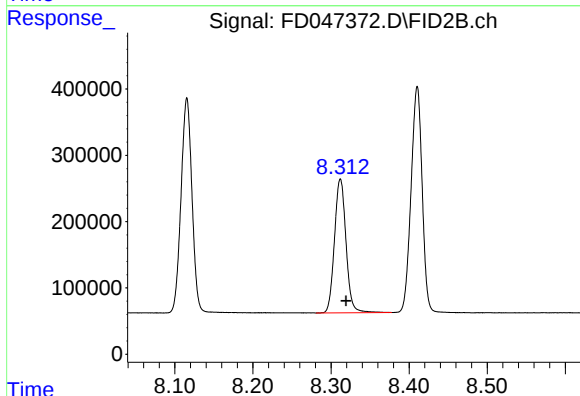
#5 Acenaphthylene (C15.06)

R.T.: 8.115 min
Delta R.T.: -0.007 min
Response: 3161932
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

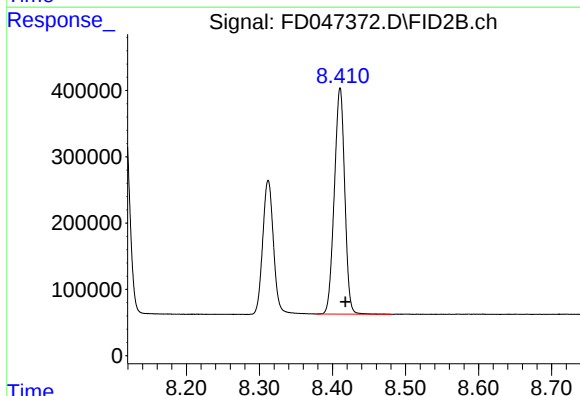
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



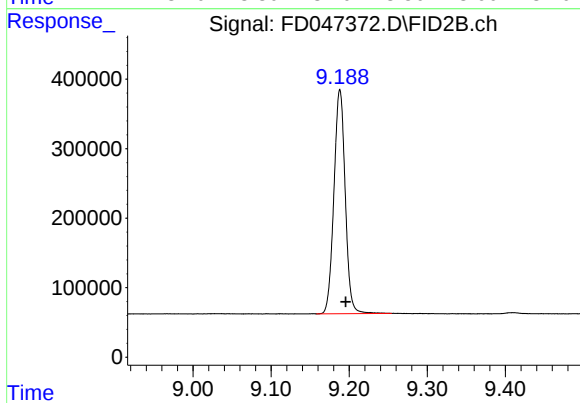
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 2068906
Conc: 20.47 ug/ml



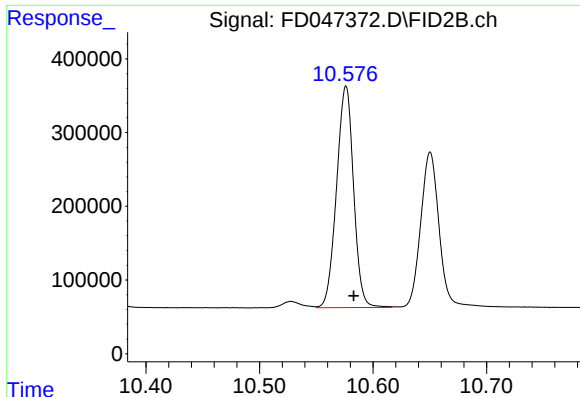
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: -0.008 min
Response: 3373552
Conc: 20.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.188 min
Delta R.T.: -0.008 min
Response: 3239294
Conc: 20.43 ug/ml



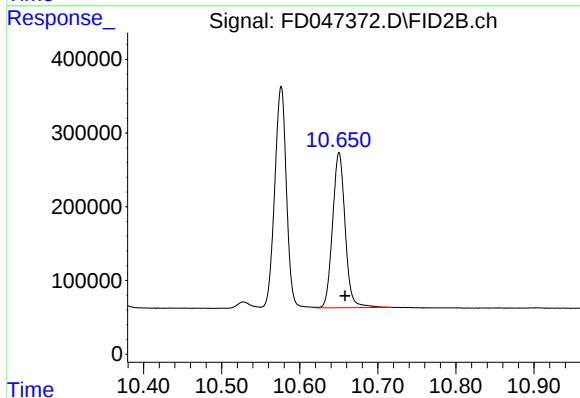
#9 Phenanthrene (C19.36)

R.T.: 10.576 min
Delta R.T.: -0.007 min
Response: 3128842
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

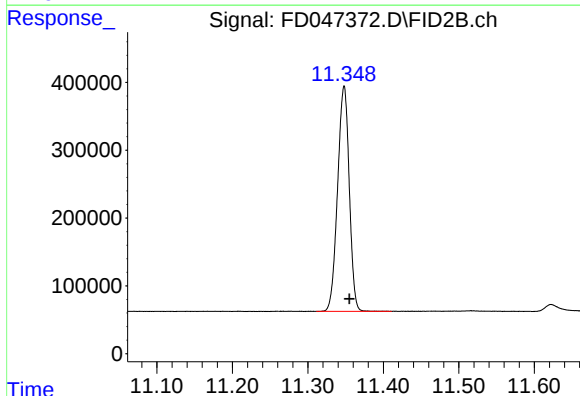
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



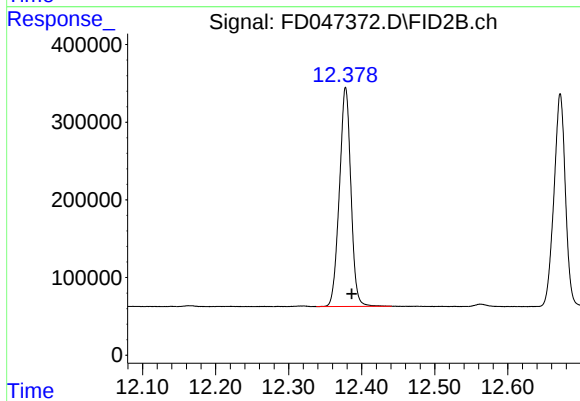
#10 Anthracene (C19.43)

R.T.: 10.650 min
Delta R.T.: -0.007 min
Response: 2353377
Conc: 15.96 ug/ml



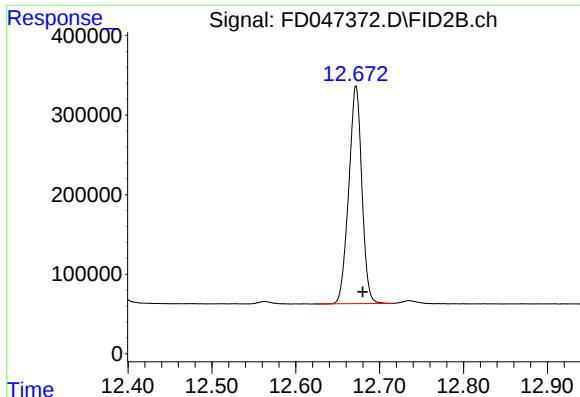
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: -0.007 min
Response: 3567408
Conc: 20.23 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.378 min
Delta R.T.: -0.008 min
Response: 3081950
Conc: 19.91 ug/ml



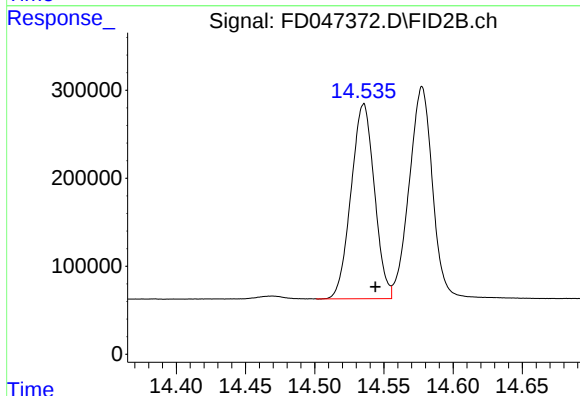
#13 Pyrene (C20.8)

R.T.: 12.672 min
Delta R.T.: -0.008 min
Response: 2968582
Conc: 19.73 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

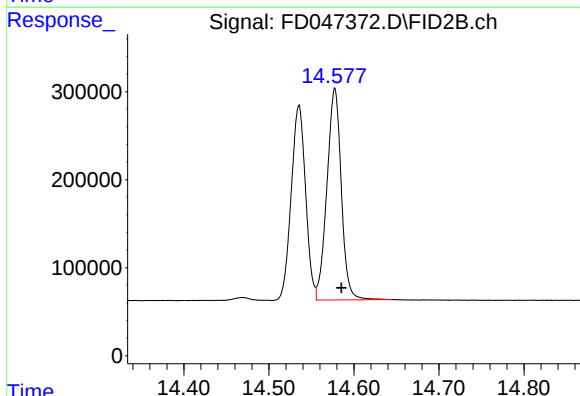
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



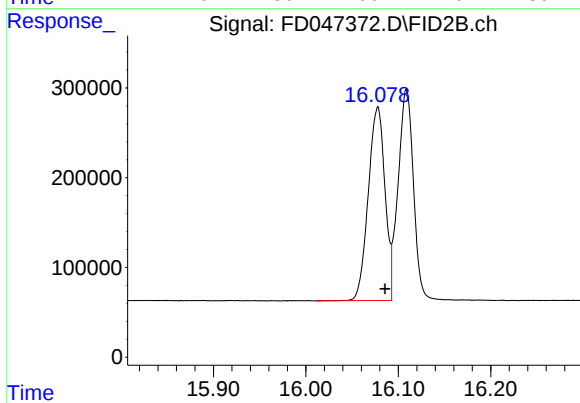
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.008 min
Response: 2595233
Conc: 19.31 ug/ml



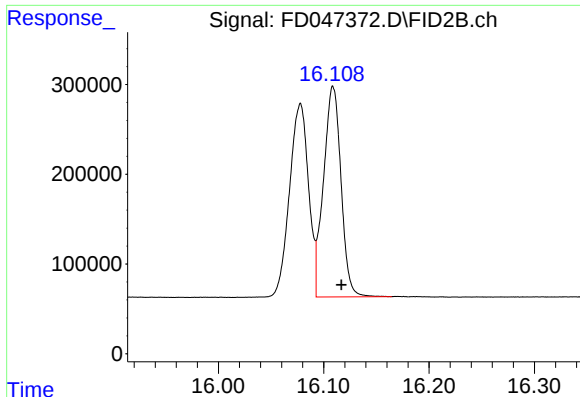
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: -0.008 min
Response: 2822301
Conc: 19.27 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.077 min
Delta R.T.: -0.008 min
Response: 2699969
Conc: 19.61 ug/ml



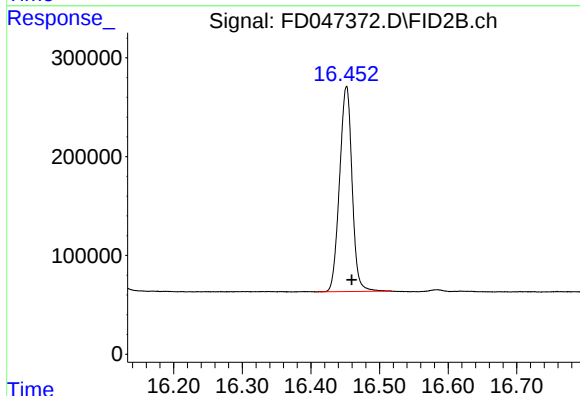
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.109 min
Delta R.T.: -0.008 min
Response: 2714533
Conc: 19.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

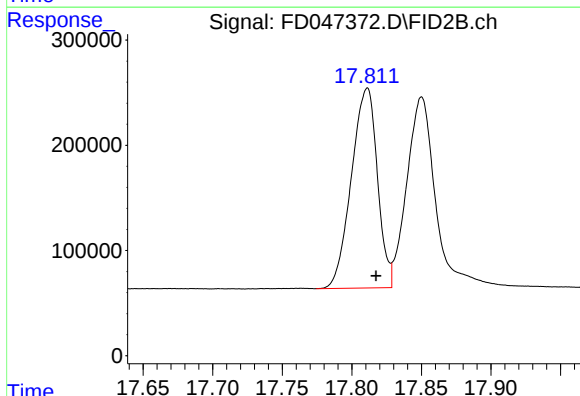
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2024
Supervised By :mohammad ahmed 03/04/2024



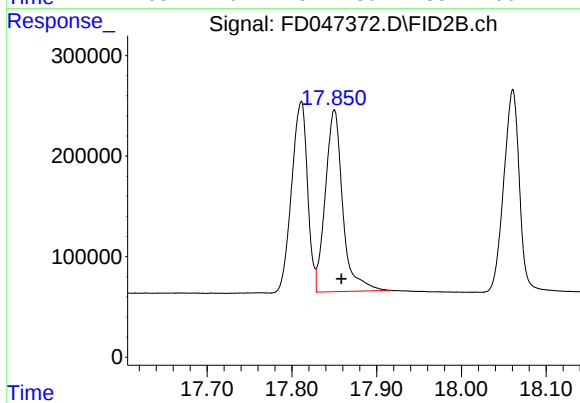
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.452 min
Delta R.T.: -0.008 min
Response: 2633170
Conc: 19.45 ug/ml



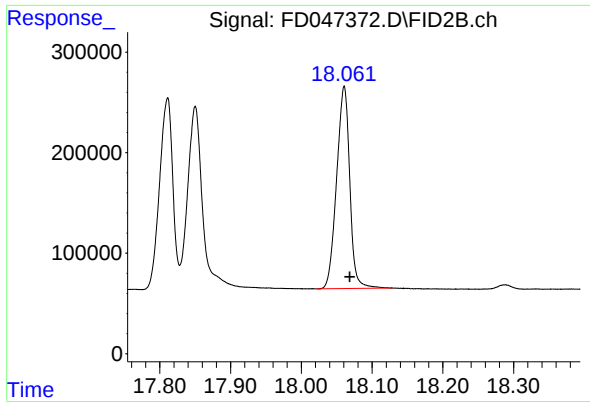
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: -0.007 min
Response: 2469836
Conc: 19.56 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.850 min
Delta R.T.: -0.009 min
Response: 2578727
Conc: 19.35 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.060 min
Delta R.T.: -0.008 min
Response: 2594298
Conc: 19.57 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/04/2024

Supervised By :mohammad ahmed 03/04/2024