

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111022AR\
 Data File : FD044413.D
 Signal(s) : FID2B.ch
 Acq On : 10 Nov 2022 15:45
 Operator : YP/AJ
 Sample : PB148939BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB148939BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2022

Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e

Quant Time: Nov 11 03:02:30 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M

Quant Title : GC Extractables

QLast Update : Fri Nov 04 06:01:26 2022

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...	7.701	6074019	44.887 ug/mlm
Spiked Amount 50.000		Recovery =	89.77%
6) S 2-Fluorobiphenyl (SURR)	8.562	3581463	38.190 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.38%
11) S ortho-Terphenyl (SURR)	11.598	6304229	36.744 ug/ml
Spiked Amount 50.000		Recovery =	73.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	4378131	30.036 ug/ml
2) T Naphthalene (C11.7)	6.043	5219071	33.520 ug/ml
3) T 2-Methylnaphthalene (...)	7.092	5464687	34.589 ug/ml
5) T Acenaphthylene (C15.06)	8.366	5635679	37.373 ug/ml
7) T Acenaphthene (C15.5)	8.662	6005886	38.814 ug/ml
8) T Flouorene (C16.55)	9.440	6214392	40.408 ug/ml
9) T Phenanthrene (C19.36)	10.834	6516405	43.333 ug/mlm
10) T Anthracene (C19.43)	10.909	6481157	44.236 ug/ml
12) T Fluoranthene (C21.85)	12.641	6578539	43.288 ug/ml
13) T Pyrene (C20.8)	12.937	6579626	44.262 ug/ml
14) T Benzo[a]anthracene (C...	14.802	6420164	45.868 ug/mlm
15) T Chrysene (C27.41)	14.846	6802410	46.448 ug/mlm
16) T benzo[b]fluoranthene ...	16.347	6395093	44.467 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.381	5936743	41.755 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.722	5647365	40.366 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	6101317	44.747 ug/mlm
20) T Dibenz[a,h]anthracene...	18.122	5801344	43.069 ug/ml
21) T Benzo[g,h,i]perylene ...	18.337	5856445	42.901 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111022AR\
Data File : FD044413.D
Signal(s) : FID2B.ch
Acq On : 10 Nov 2022 15:45
Operator : YP/AJ
Sample : PB148939BS
Misc :
ALS Vial : 57 Sample Multiplier: 1

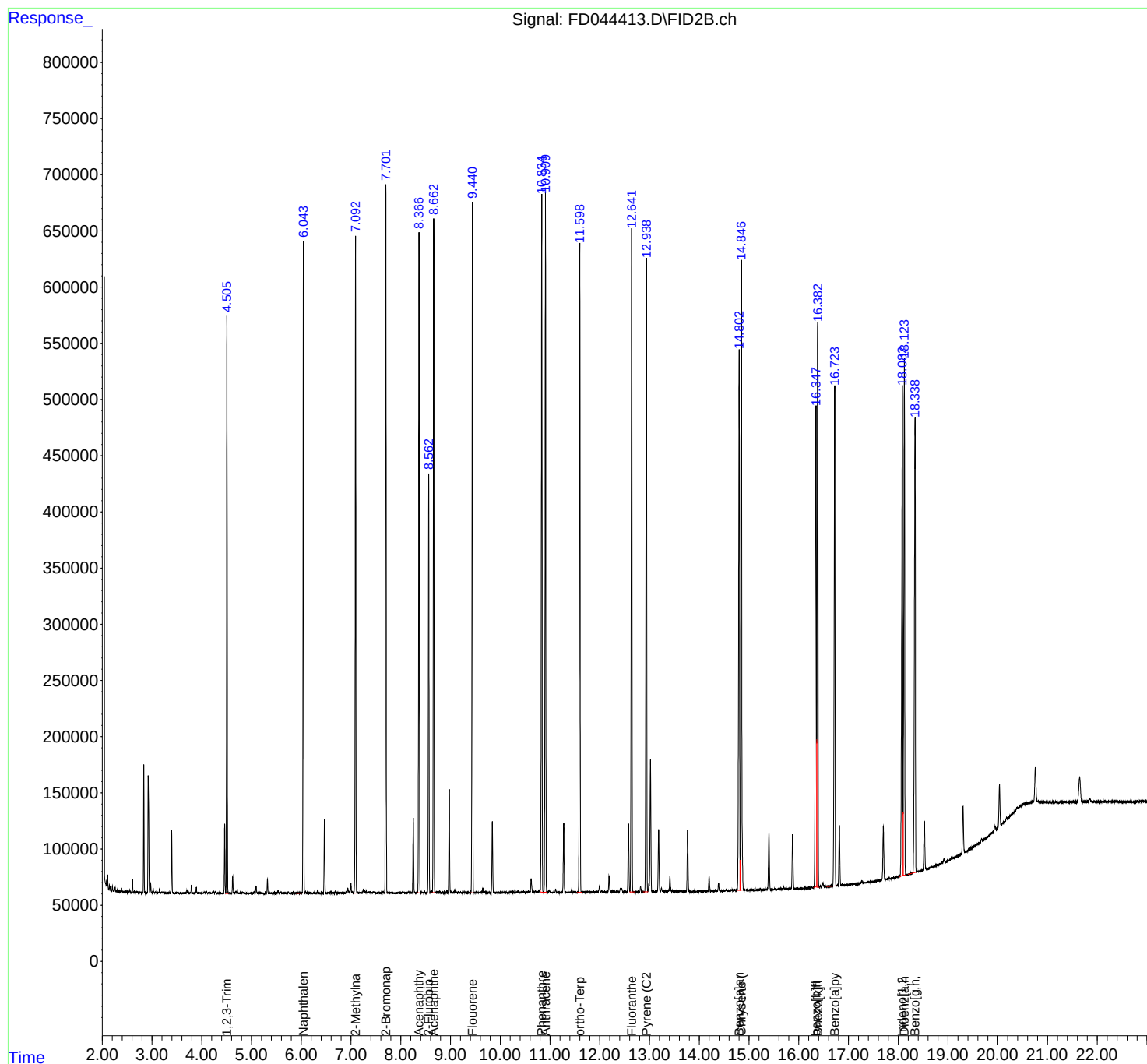
Instrument :
FID_D
ClientSampleId :
PB148939BS

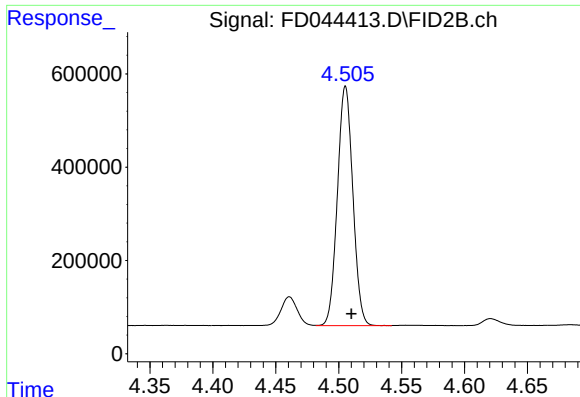
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
Quant Time: Nov 11 03:02:30 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
Quant Title : GC Extractables
QLast Update : Fri Nov 04 06:01:26 2022
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.: 4.505 min
Delta R.T.: -0.005 min
Response: 4378131
Conc: 30.04 ug/ml

Instrument :

FID_D

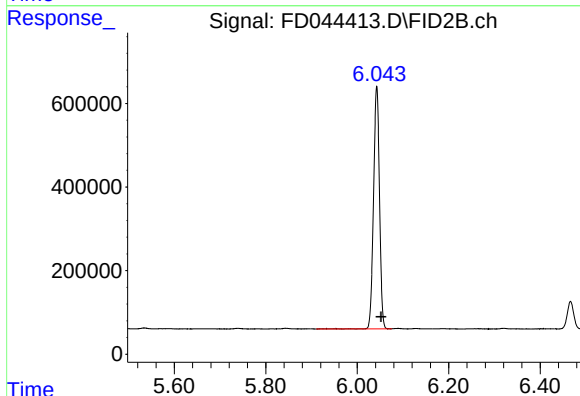
ClientSampleId :

PB148939BS

Manual Integrations

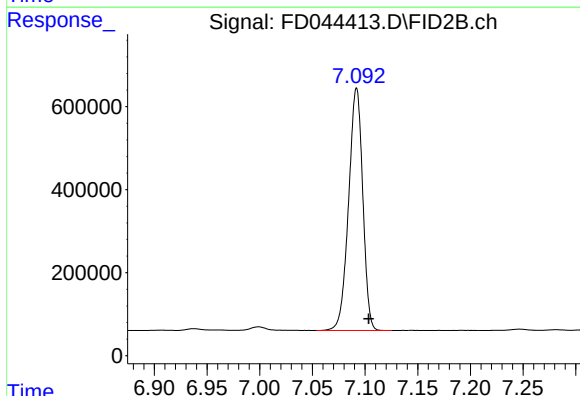
APPROVED

Reviewed By :Yogesh Patel 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



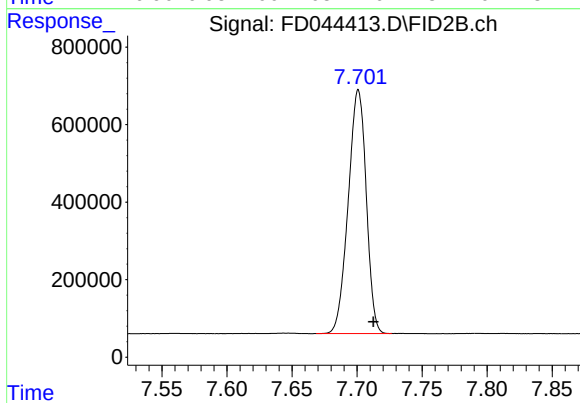
#2 Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: -0.009 min
Response: 5219071
Conc: 33.52 ug/ml



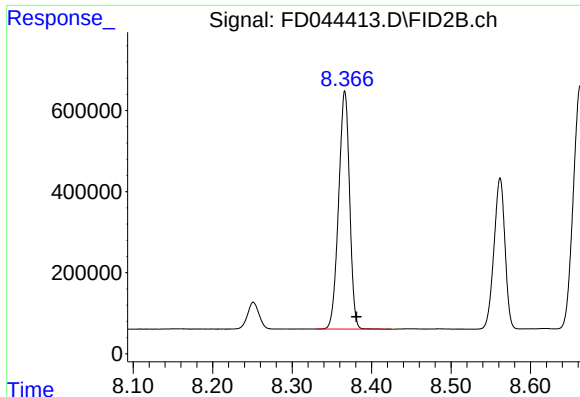
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.012 min
Response: 5464687
Conc: 34.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.701 min
Delta R.T.: -0.012 min
Response: 6074019
Conc: 44.89 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.366 min
Delta R.T.: -0.015 min
Response: 5635679
Conc: 37.37 ug/ml

Instrument :

FID_D

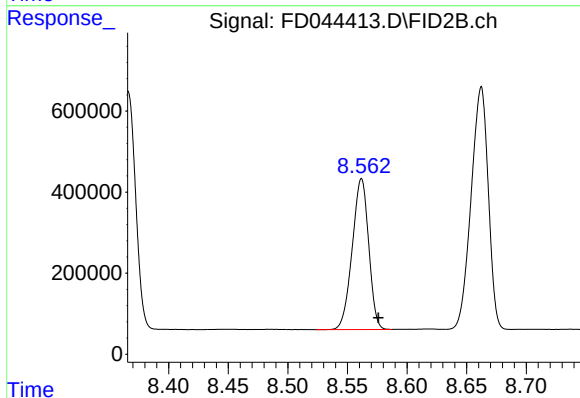
ClientSampleId :

PB148939BS

Manual Integrations

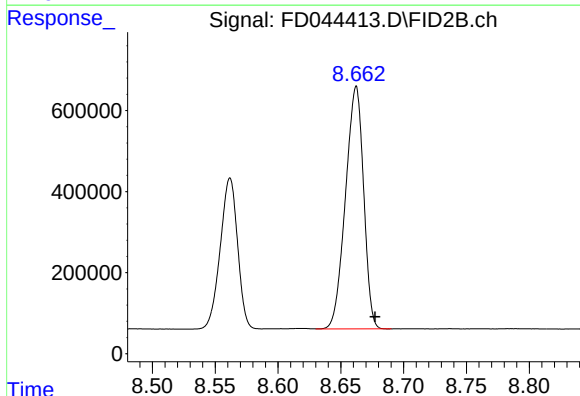
APPROVED

Reviewed By :Yogesh Patel 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



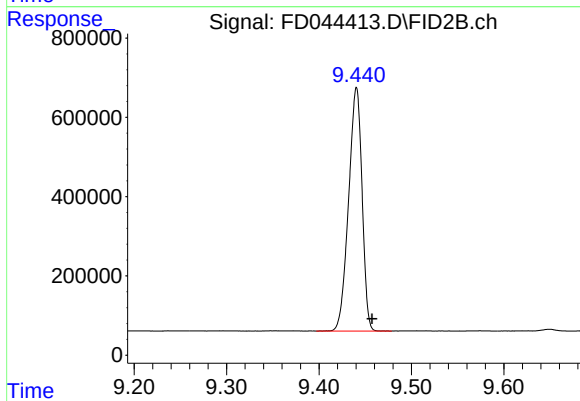
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.014 min
Response: 3581463
Conc: 38.19 ug/ml



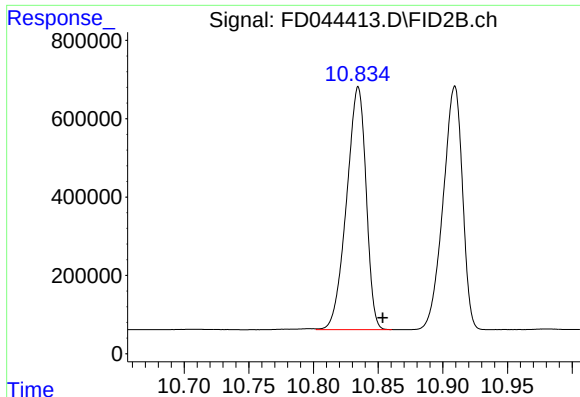
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.015 min
Response: 6005886
Conc: 38.81 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.440 min
Delta R.T.: -0.017 min
Response: 6214392
Conc: 40.41 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.834 min
Delta R.T.: -0.019 min
Response: 6516405
Conc: 43.33 ug/ml

Instrument :

FID_D

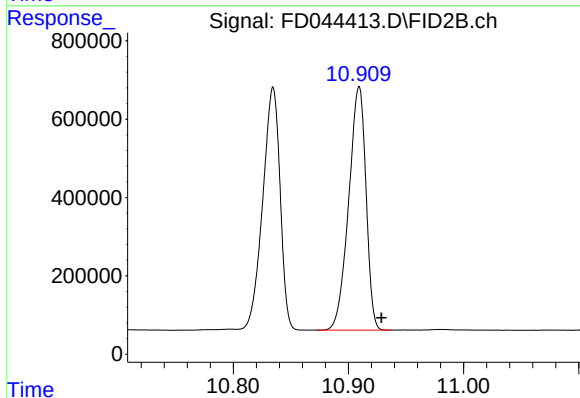
ClientSampleId :

PB148939BS

Manual Integrations

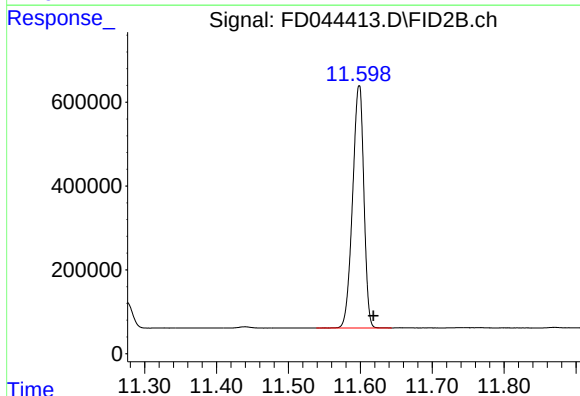
APPROVED

Reviewed By :Yogesh Patel 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



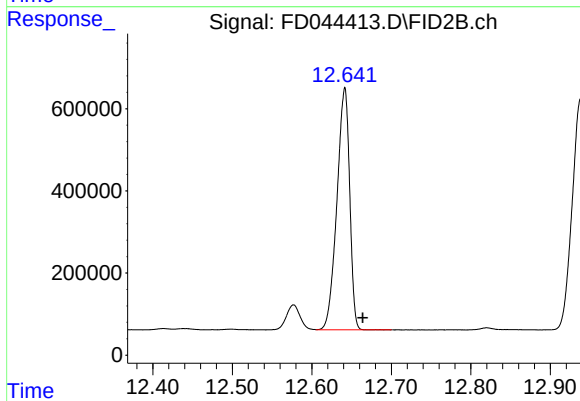
#10 Anthracene (C19.43)

R.T.: 10.909 min
Delta R.T.: -0.020 min
Response: 6481157
Conc: 44.24 ug/ml



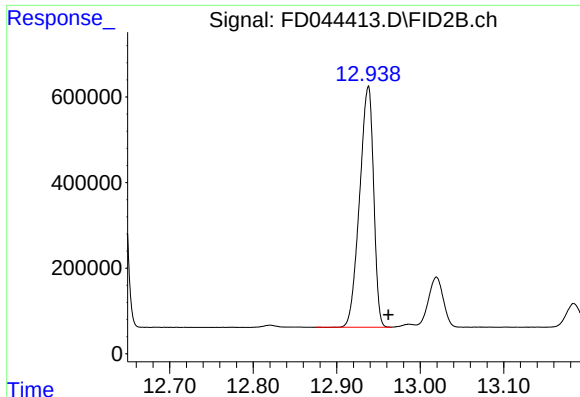
#11 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: -0.020 min
Response: 6304229
Conc: 36.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.641 min
Delta R.T.: -0.023 min
Response: 6578539
Conc: 43.29 ug/ml



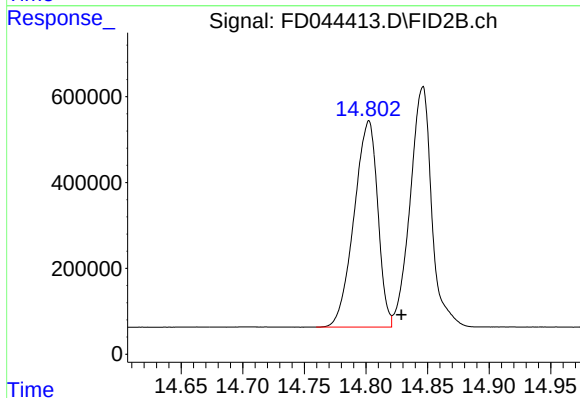
#13 Pyrene (C20.8)

R.T.: 12.937 min
Delta R.T.: -0.024 min
Response: 6579626
Conc: 44.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB148939BS

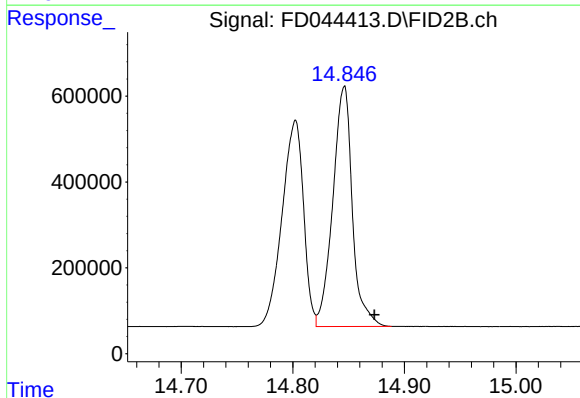
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



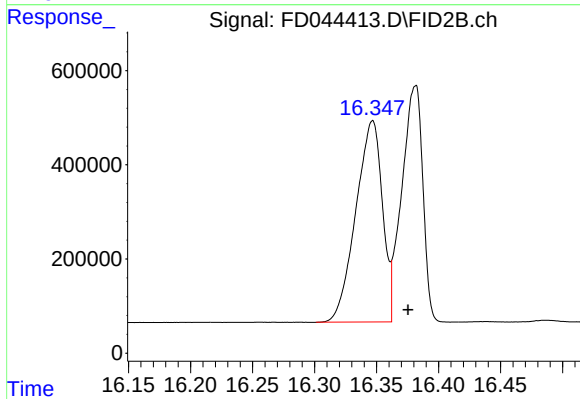
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.802 min
Delta R.T.: -0.027 min
Response: 6420164
Conc: 45.87 ug/ml m



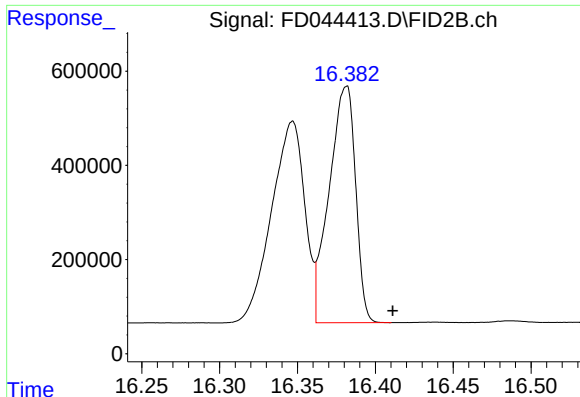
#15 Chrysene (C27.41)

R.T.: 14.846 min
Delta R.T.: -0.027 min
Response: 6802410
Conc: 46.45 ug/ml m



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

R.T.: 16.347 min
Delta R.T.: -0.029 min
Response: 6395093
Conc: 44.47 ug/ml m



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

R.T.: 16.381 min
Delta R.T.: -0.030 min
Response: 5936743
Conc: 41.75 ug/ml

Instrument :

FID_D

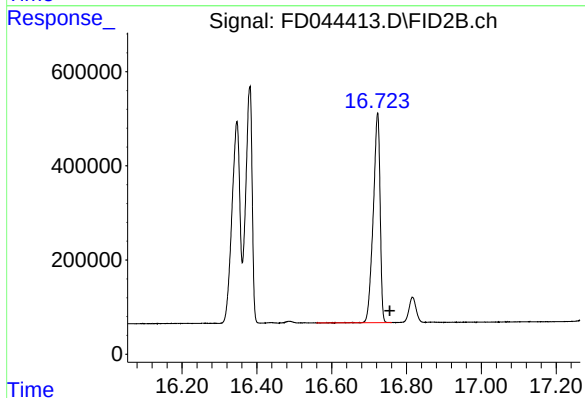
ClientSampleId :

PB148939BS

Manual Integrations

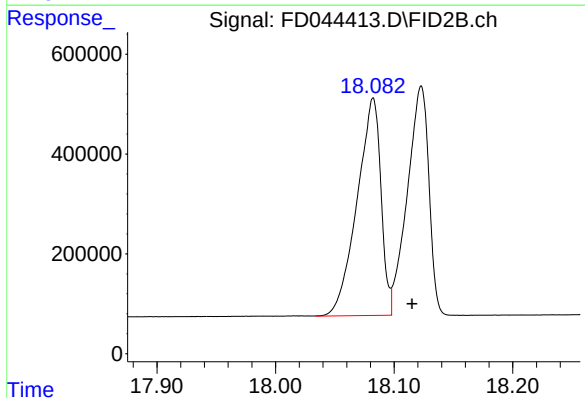
APPROVED

Reviewed By :Yogesh Patel 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



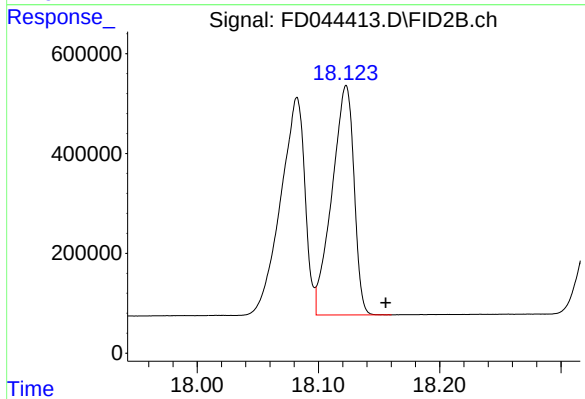
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.722 min
Delta R.T.: -0.033 min
Response: 5647365
Conc: 40.37 ug/ml



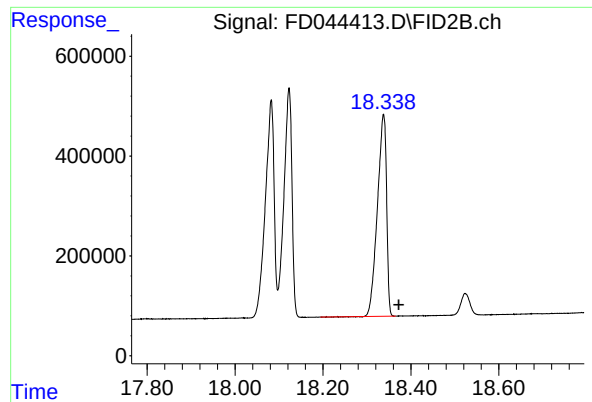
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: -0.033 min
Response: 6101317
Conc: 44.75 ug/ml m



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

R.T.: 18.122 min
Delta R.T.: -0.033 min
Response: 5801344
Conc: 43.07 ug/ml



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

R.T.: 18.337 min
Delta R.T.: -0.035 min
Response: 5856445
Conc: 42.90 ug/ml

Instrument :

FID_D

ClientSampleId :

PB148939BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022