

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044796.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 23:47
 Operator : YP/AJ
 Sample : 01132-03MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

EPH-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/16/2023

Supervised By :Ankita Jodhani 01/16/2023

Integration File: autoint1.e

Quant Time: Jan 16 03:13:39 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M

Quant Title : GC Extractables

QLast Update : Sun Dec 25 17:15:10 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...	7.662	7340327	50.902 ug/ml
Spiked Amount 50.000		Recovery =	101.80%
6) S 2-Fluorobiphenyl (SURR)	8.519	4836086	49.820 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.64%
11) S ortho-Terphenyl (SURR)	11.547	7001845	38.863 ug/ml
Spiked Amount 50.000		Recovery =	77.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	5751124	35.744 ug/ml
2) T Naphthalene (C11.7)	6.010	6238234	37.167 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	6230889	37.058 ug/ml
5) T Acenaphthylene (C15.06)	8.323	6745538	44.474 ug/ml
7) T Acenaphthene (C15.5)	8.618	6825053	42.101 ug/ml
8) T Flouorene (C16.55)	9.394	6962906	43.688 ug/ml
9) T Phenanthrene (C19.36)	10.782	7031196	44.804 ug/ml
10) T Anthracene (C19.43)	10.857	6897459	54.851 ug/ml
12) T Fluoranthene (C21.85)	12.585	7039937	44.830 ug/ml
13) T Pyrene (C20.8)	12.880	6994474	45.691 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6719945	47.261 ug/ml
15) T Chrysene (C27.41)	14.786	6810859	44.915 ug/mlm
16) T benzo[b]fluoranthene ...	16.284	6750570	44.886 ug/ml
17) T Bnezo[k]fluoranthene ...	16.318	6359317	41.975 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	6013974	41.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	5971209	42.225 ug/ml
20) T Dibenz[a,h]anthracene...	18.056	5965897	40.698 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	5915840	41.644 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
Data File : FD044796.D
Signal(s) : FID2B.ch
Acq On : 13 Jan 2023 23:47
Operator : YP/AJ
Sample : 01132-03MSD
Misc :
ALS Vial : 71 Sample Multiplier: 1

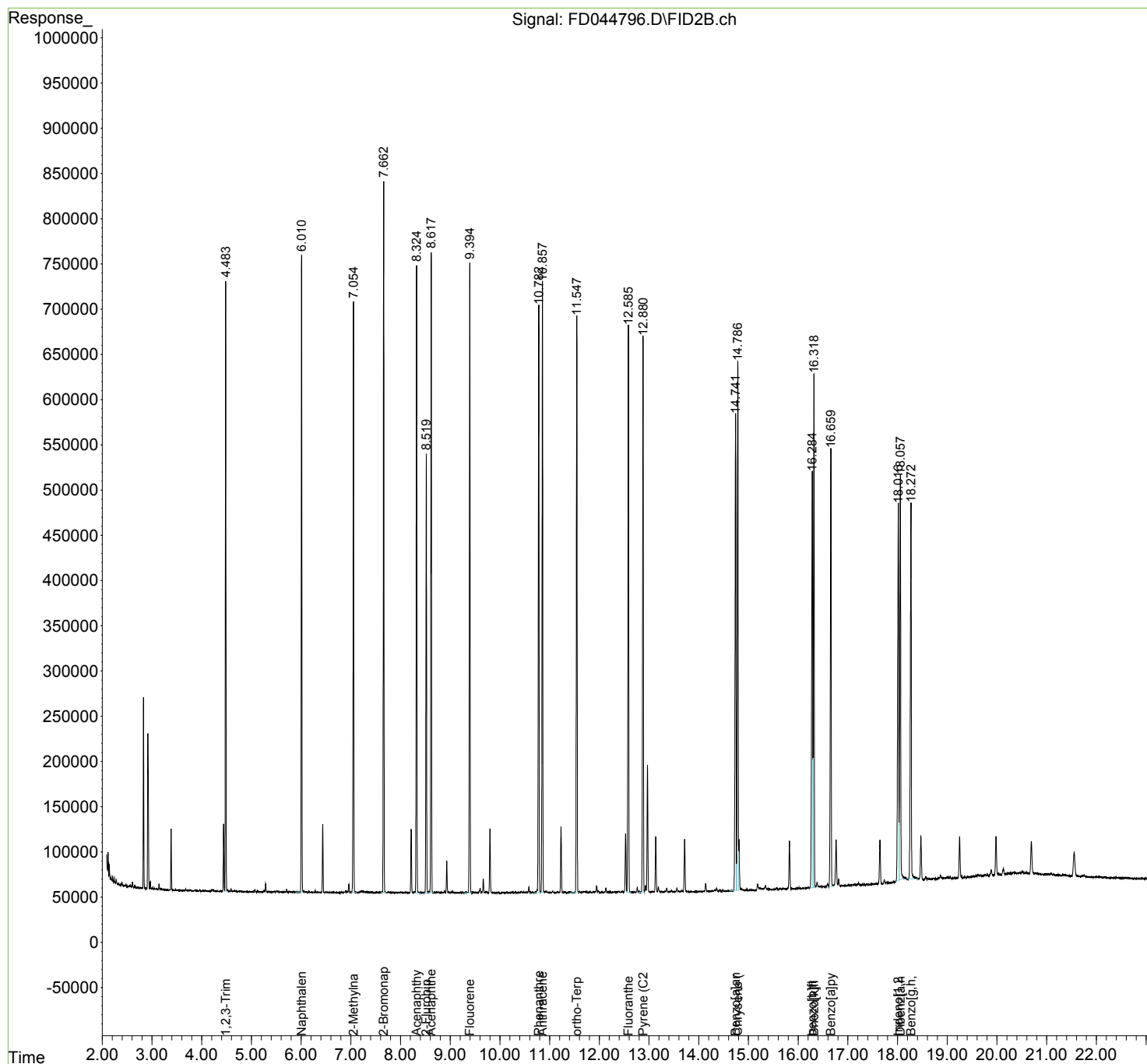
Instrument :
FID_D
ClientSampleId :
EPH-1MSD

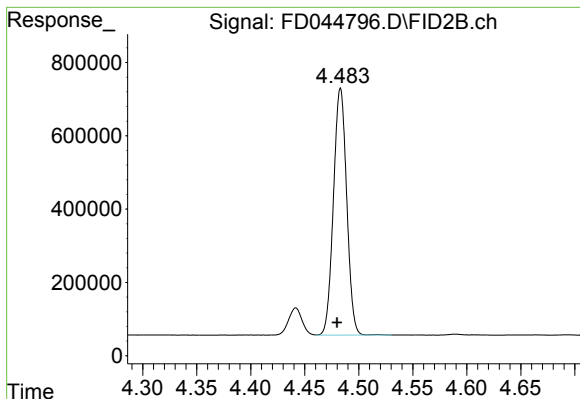
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023

Integration File: autoint1.e
Quant Time: Jan 16 03:13:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
Quant Title : GC Extractables
QLast Update : Sun Dec 25 17:15:10 2022
Response via : Initial Calibration
Integrator: ChemStation

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





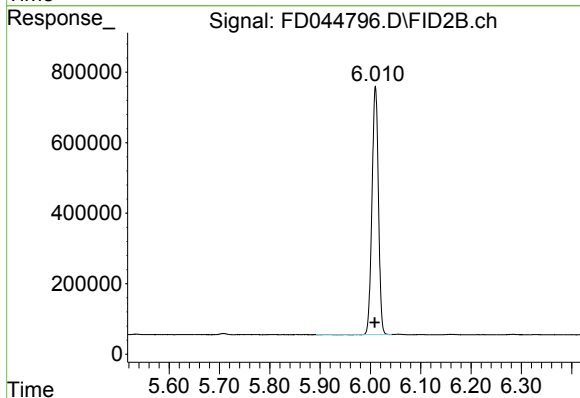
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 5751124
Conc: 35.74 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-1MSD

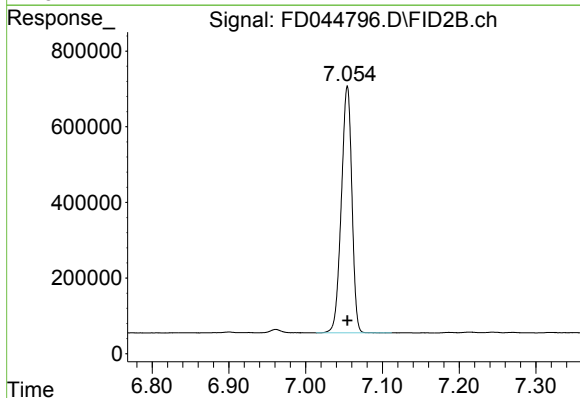
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023



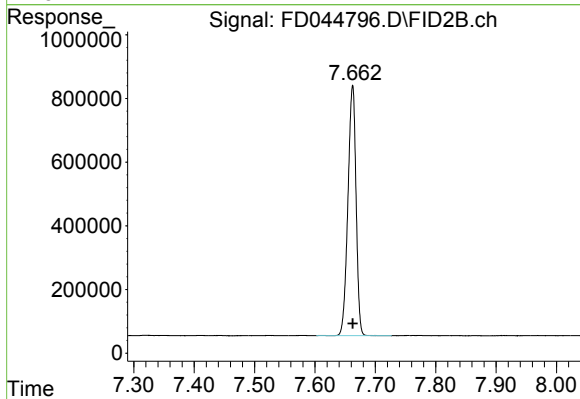
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.001 min
Response: 6238234
Conc: 37.17 ug/ml



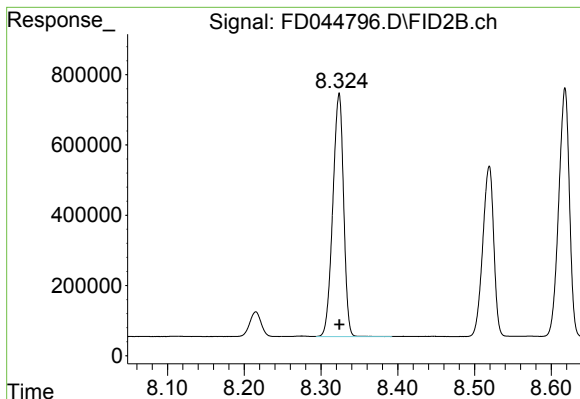
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 6230889
Conc: 37.06 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 7340327
Conc: 50.90 ug/ml



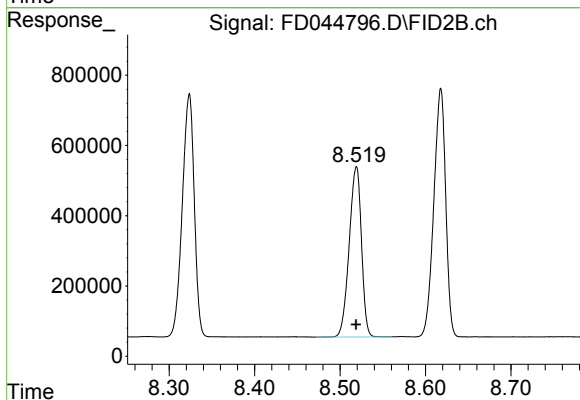
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 6745538
Conc: 44.47 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-1MSD

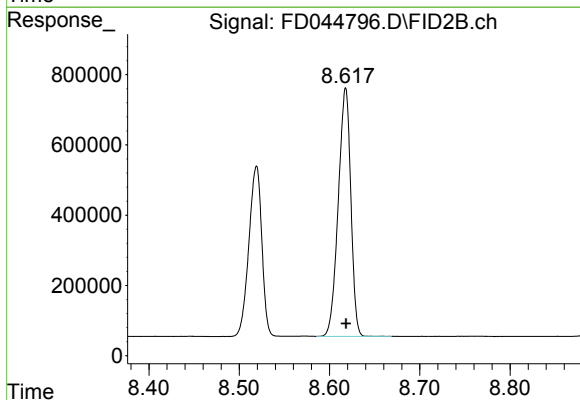
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023



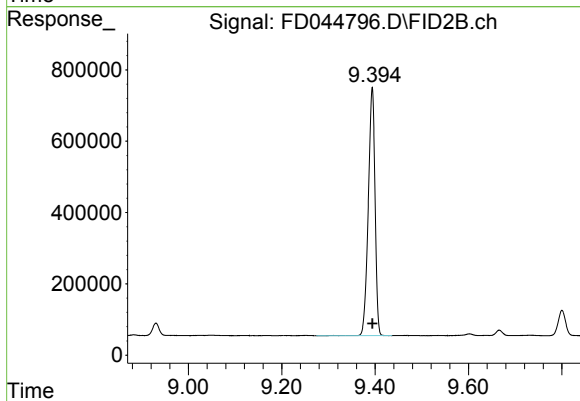
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 4836086
Conc: 49.82 ug/ml



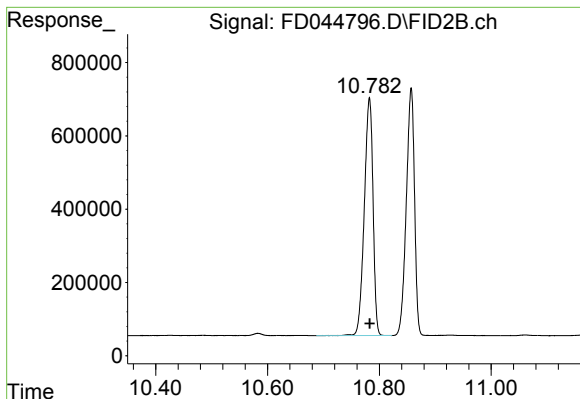
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 6825053
Conc: 42.10 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 6962906
Conc: 43.69 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.782 min
Delta R.T.: 0.000 min
Response: 7031196
Conc: 44.80 ug/ml

Instrument :

FID_D

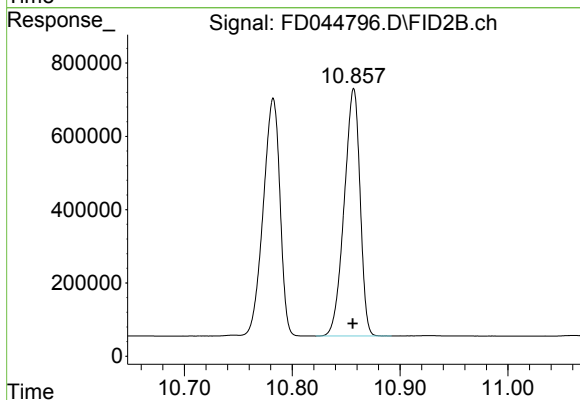
ClientSampleId :

EPH-1MSD

Manual Integrations

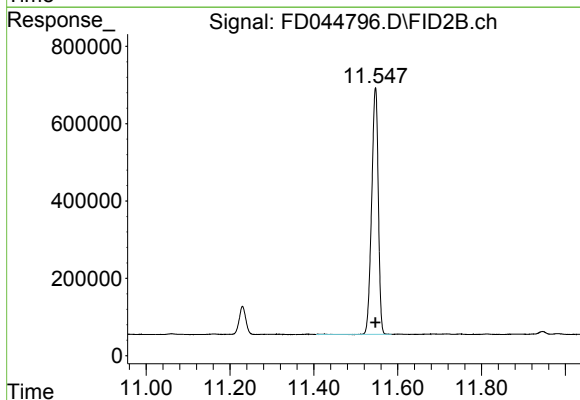
APPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023



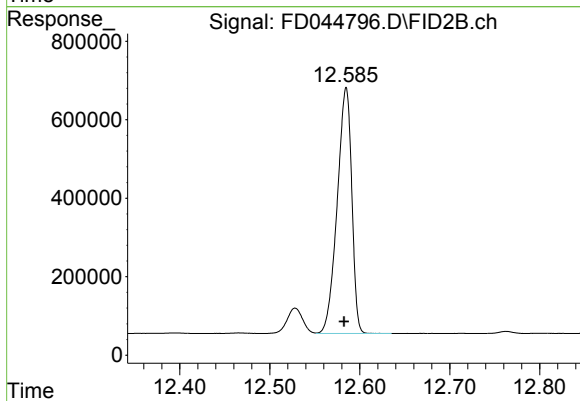
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 6897459
Conc: 54.85 ug/ml



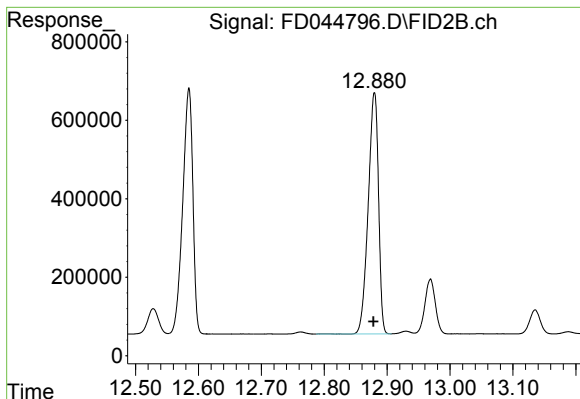
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 7001845
Conc: 38.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: 0.002 min
Response: 7039937
Conc: 44.83 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: 0.001 min
Response: 6994474
Conc: 45.69 ug/ml

Instrument :

FID_D

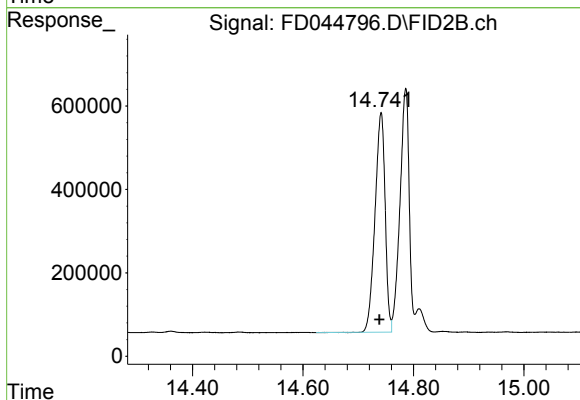
ClientSampleId :

EPH-1MSD

Manual Integrations

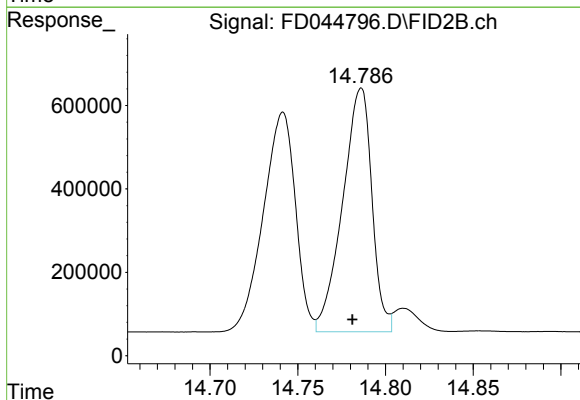
APPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023



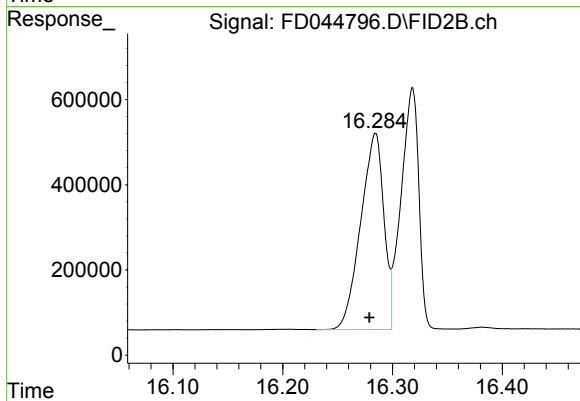
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.003 min
Response: 6719945
Conc: 47.26 ug/ml



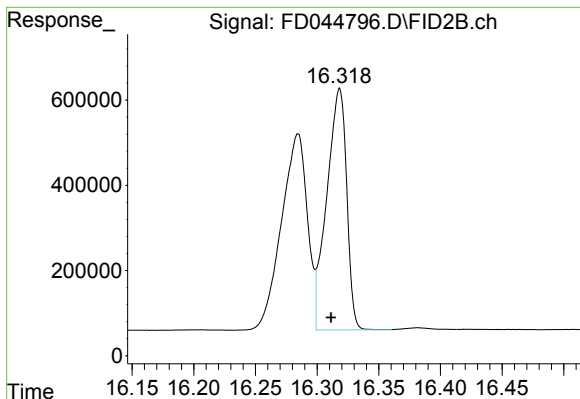
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: 0.005 min
Response: 6810859
Conc: 44.91 ug/ml m



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

R.T.: 16.284 min
Delta R.T.: 0.005 min
Response: 6750570
Conc: 44.89 ug/ml



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

R.T.: 16.318 min
Delta R.T.: 0.006 min
Response: 6359317
Conc: 41.97 ug/ml

Instrument :

FID_D

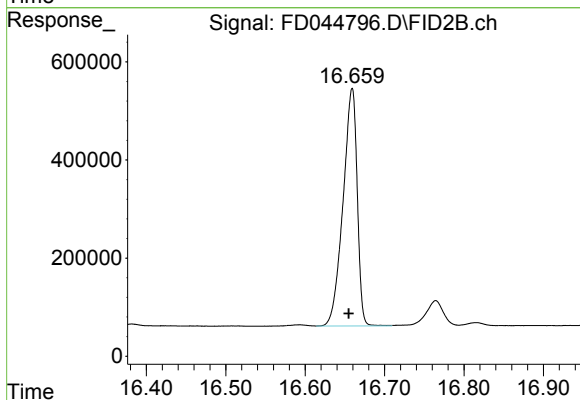
ClientSampleId :

EPH-1MSD

Manual Integrations

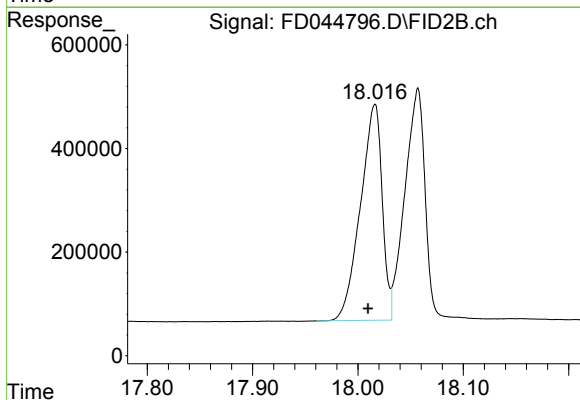
APPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023



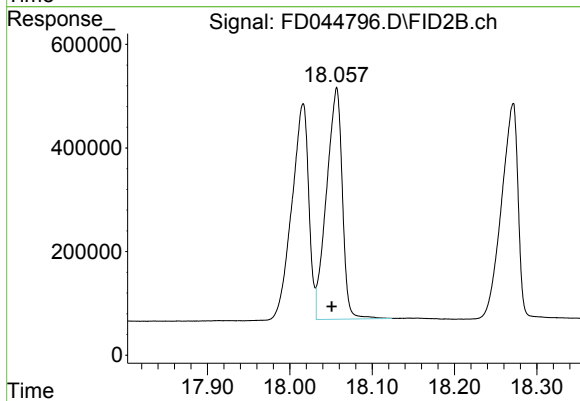
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: 0.004 min
Response: 6013974
Conc: 41.45 ug/ml



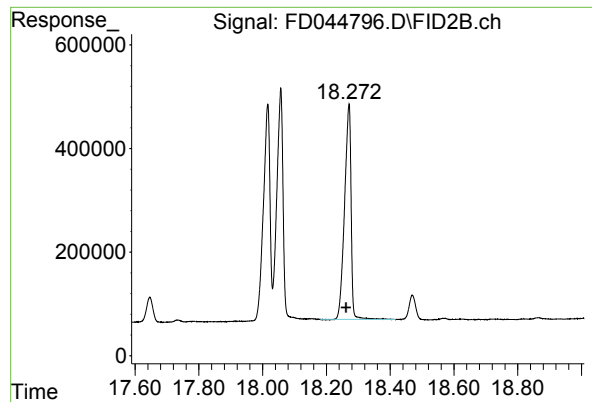
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: 0.006 min
Response: 5971209
Conc: 42.22 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.005 min
Response: 5965897
Conc: 40.70 ug/ml



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

R.T.: 18.270 min
Delta R.T.: 0.008 min
Response: 5915840
Conc: 41.64 ug/ml

Instrument :

FID_D

ClientSampleId :

EPH-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/16/2023
Supervised By :Ankita Jodhani 01/16/2023