

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048565.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 12:46
 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 10/24/2024
 Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e
 Quant Time: Oct 24 04:44:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.373	3218130	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
6) S 2-Fluorobiphenyl (SURR)	8.222	2110125	20.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.69%
11) S ortho-Terphenyl (SURR)	11.258	3586714	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3634952	20.741 ug/ml
2) T Naphthalene (C11.7)	5.714	3736875	20.014 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3763742	19.915 ug/ml
5) T Acenaphthylene (C15.06)	8.025	3655802	19.056 ug/ml
7) T Acenaphthene (C15.5)	8.319	3723467	19.685 ug/ml
8) T Fluorene (C16.55)	9.098	3576371	19.795 ug/ml
9) T Phenanthrene (C19.36)	10.485	3500739	19.753 ug/ml
10) T Anthracene (C19.43)	10.560	3054706	17.167 ug/ml
12) T Fluoranthene (C21.85)	12.288	3484964	19.267 ug/ml
13) T Pyrene (C20.8)	12.581	3414273	19.067 ug/ml
14) T Benzo[a]anthracene (C...	14.451	3149226	19.705 ug/ml
15) T Chrysene (C27.41)	14.492	3452246	18.508 ug/ml
16) T benzo[b]fluoranthene ...	15.998	3209383	19.271 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	3149733	18.555 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	3210854	19.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	2834469	21.548 ug/mlm
20) T Dibenz[a,h]anthracene...	17.775	3473284	20.757 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.987	3135856	19.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
Data File : FD048565.D
Signal(s) : FID2B.ch
Acq On : 23 Oct 2024 12:46
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

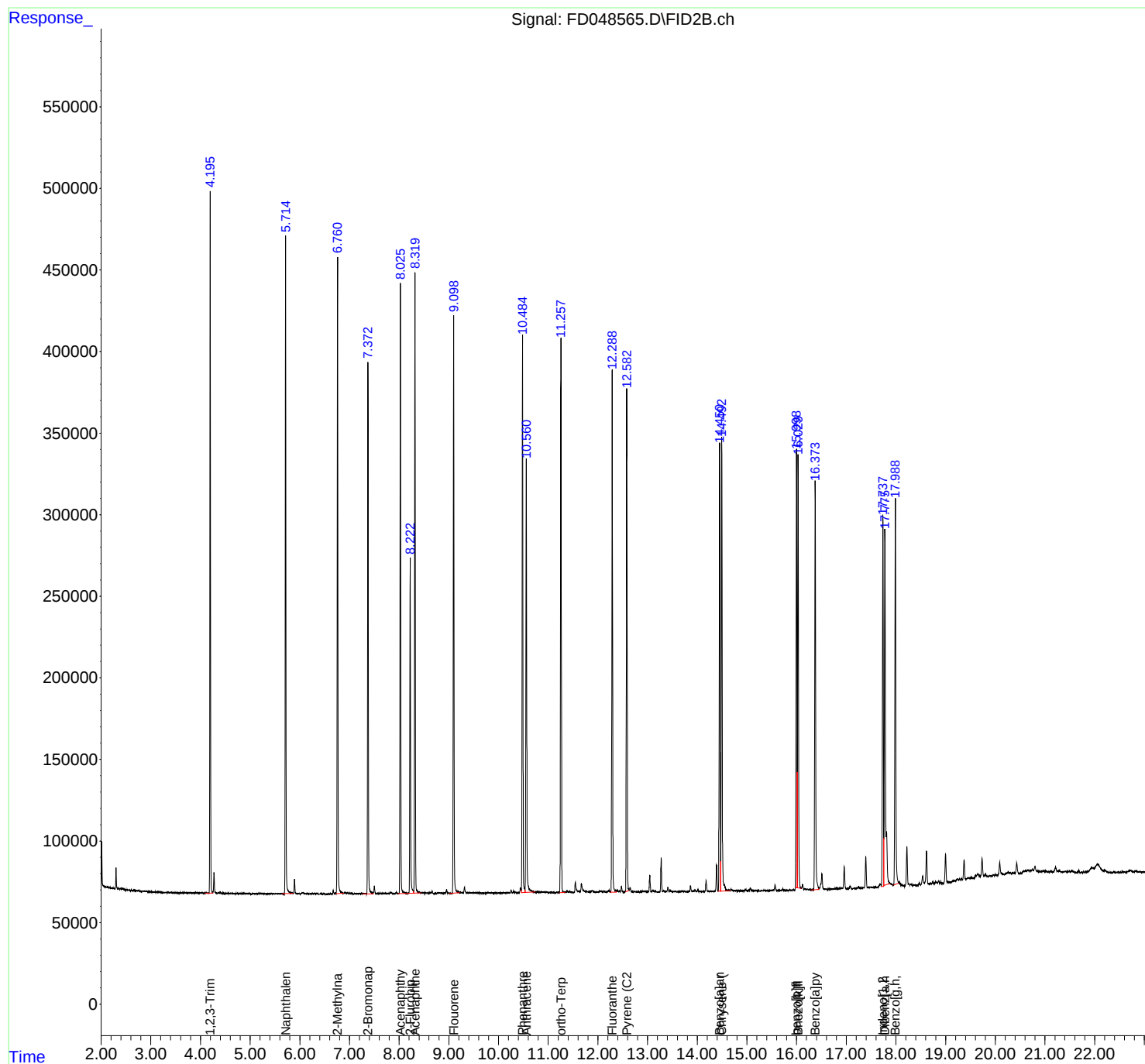
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

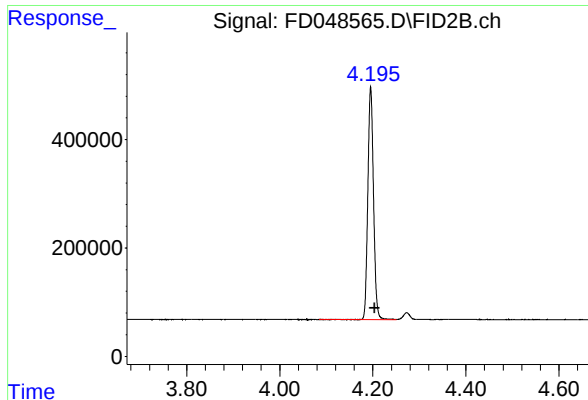
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024

Integration File: autoint1.e
Quant Time: Oct 24 04:44:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

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





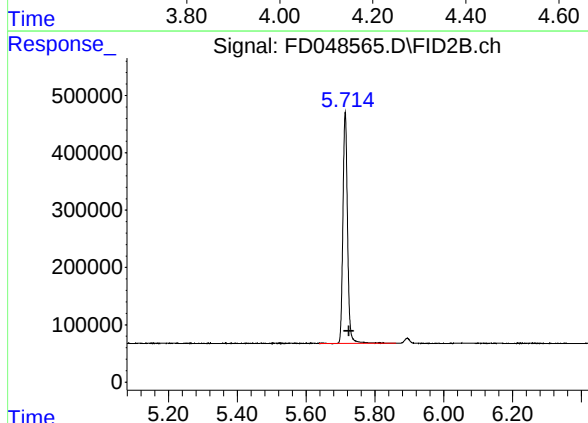
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.195 min
Delta R.T.: -0.009 min
Response: 3634952
Conc: 20.74 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

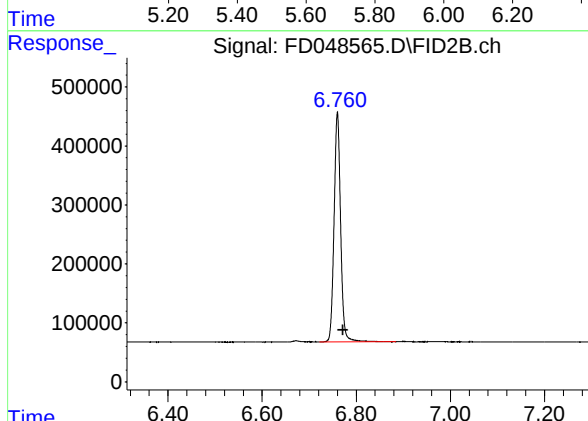
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024



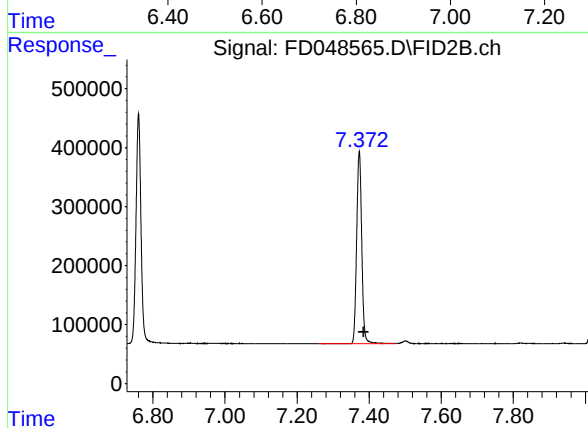
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.011 min
Response: 3736875
Conc: 20.01 ug/ml



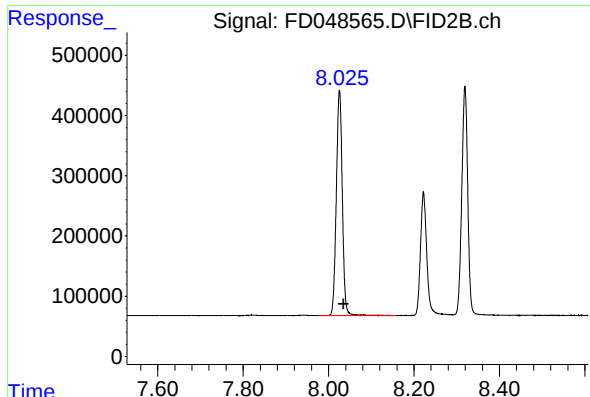
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 3763742
Conc: 19.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.373 min
Delta R.T.: -0.012 min
Response: 3218130
Conc: 19.44 ug/ml



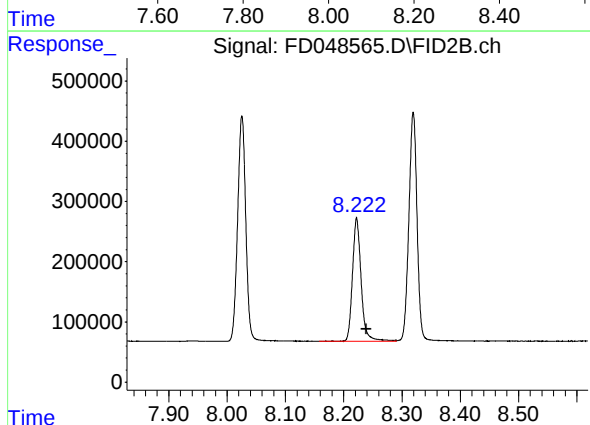
#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: -0.010 min
Response: 3655802
Conc: 19.06 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

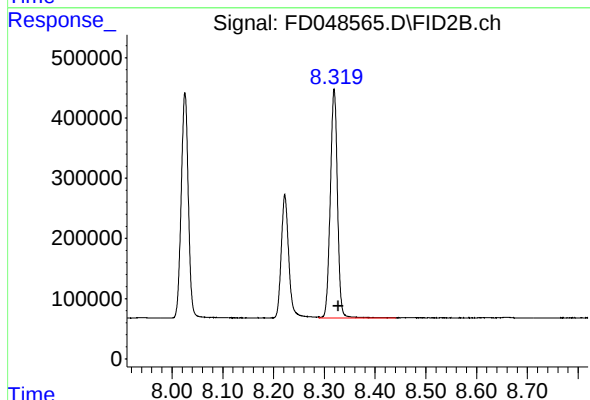
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024



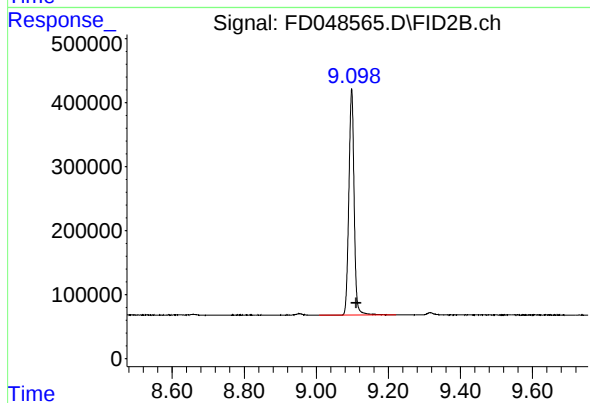
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.017 min
Response: 2110125
Conc: 20.35 ug/ml



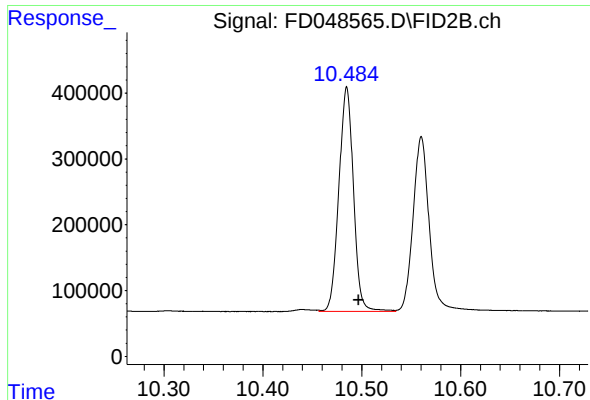
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: -0.008 min
Response: 3723467
Conc: 19.68 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.098 min
Delta R.T.: -0.013 min
Response: 3576371
Conc: 19.79 ug/ml



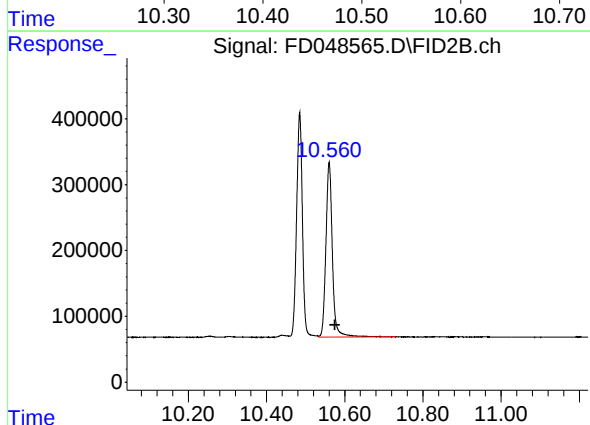
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.012 min
Response: 3500739
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

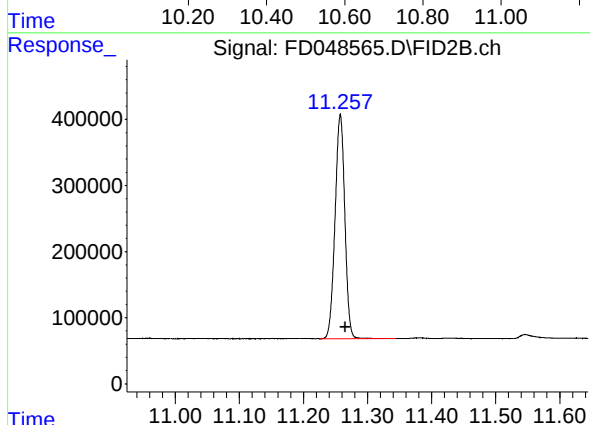
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024



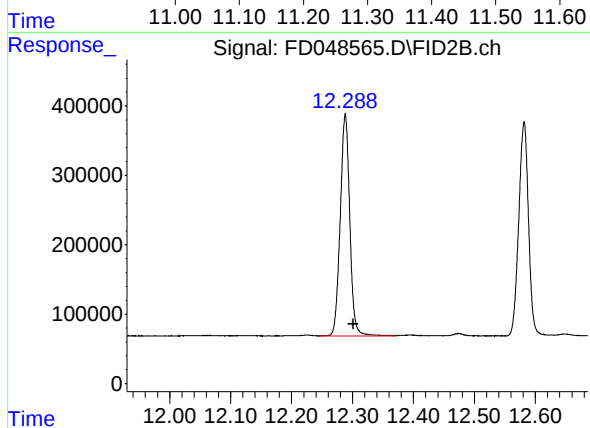
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: -0.015 min
Response: 3054706
Conc: 17.17 ug/ml



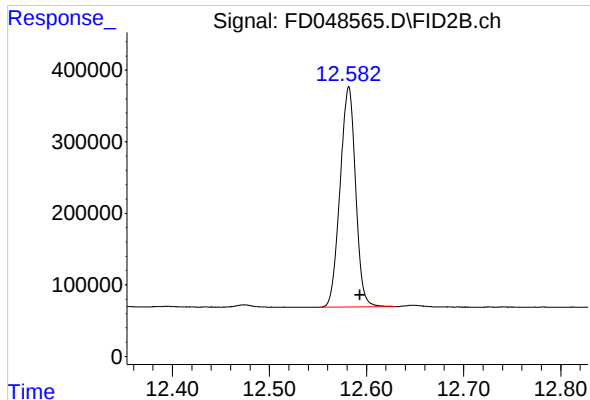
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: -0.008 min
Response: 3586714
Conc: 19.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: -0.013 min
Response: 3484964
Conc: 19.27 ug/ml



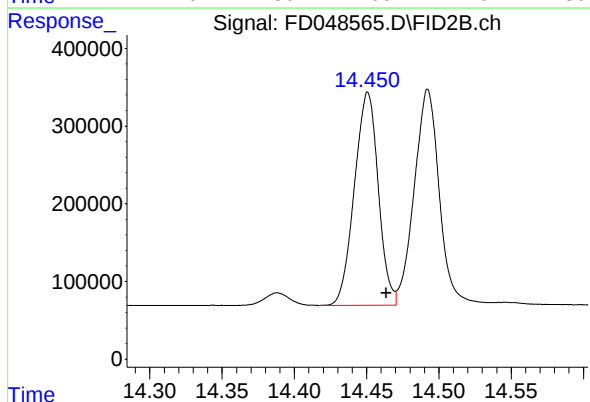
#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: -0.012 min
Response: 3414273
Conc: 19.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

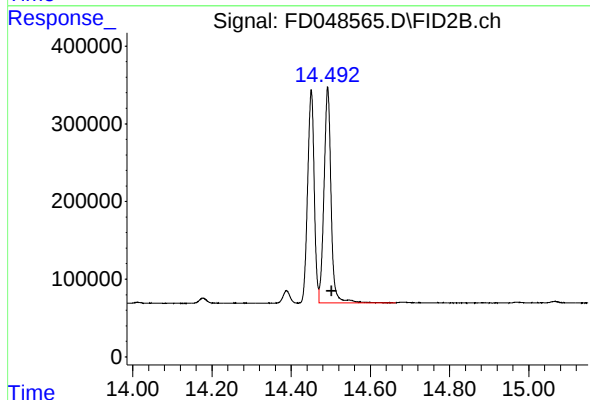
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024



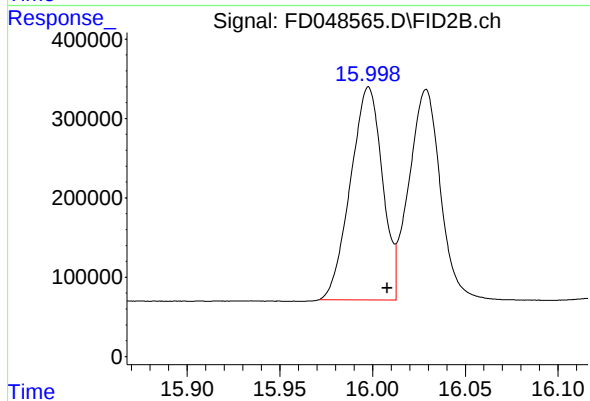
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: -0.013 min
Response: 3149226
Conc: 19.71 ug/ml



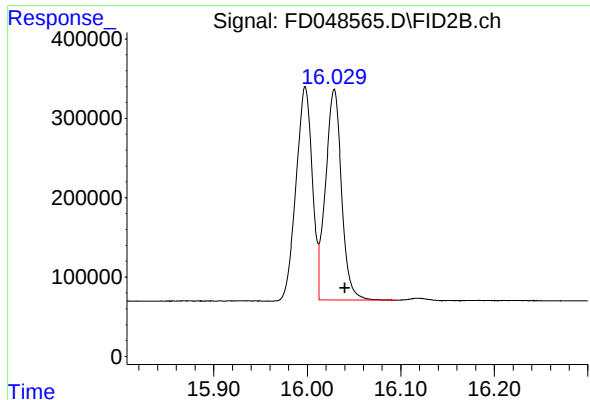
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.010 min
Response: 3452246
Conc: 18.51 ug/ml



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

R.T.: 15.998 min
Delta R.T.: -0.010 min
Response: 3209383
Conc: 19.27 ug/ml



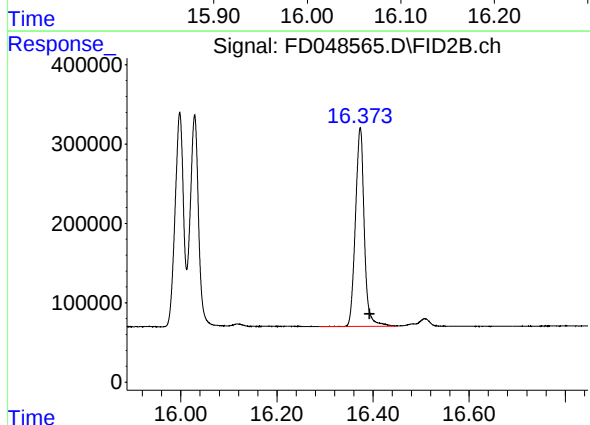
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.029 min
Delta R.T.: -0.012 min
Response: 3149733
Conc: 18.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

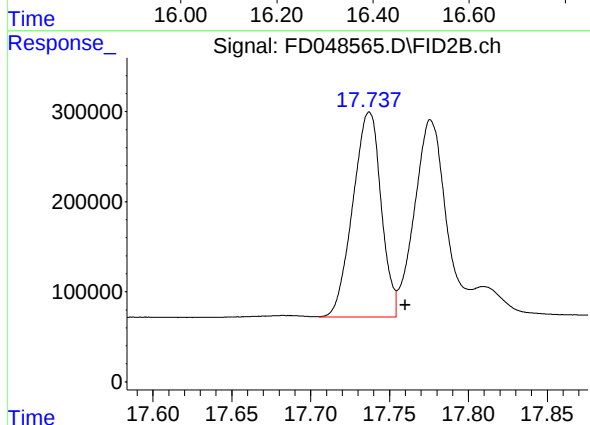
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024



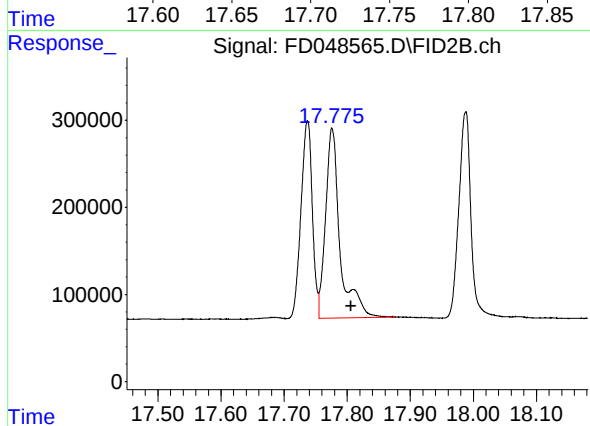
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.020 min
Response: 3210854
Conc: 19.65 ug/ml



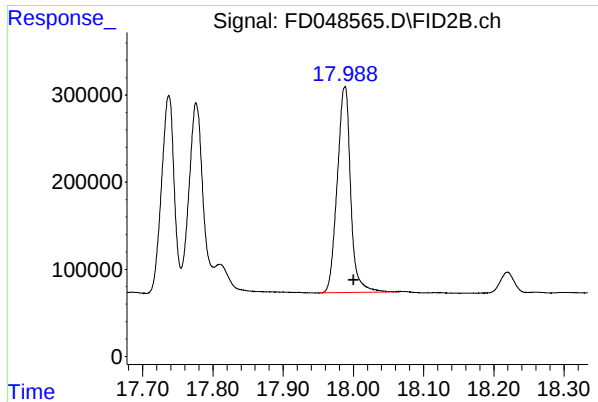
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: -0.023 min
Response: 2834469
Conc: 21.55 ug/ml m



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

R.T.: 17.775 min
Delta R.T.: -0.031 min
Response: 3473284
Conc: 20.76 ug/ml m



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

R.T.: 17.987 min
Delta R.T.: -0.013 min
Response: 3135856
Conc: 19.31 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :Ankita Jodhani 10/24/2024