

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112724AR\
 Data File : FD048823.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 08:42
 Operator : YP/AJ
 Sample : PB165286BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165286BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/02/2024

Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
 Quant Time: Nov 28 02:36:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

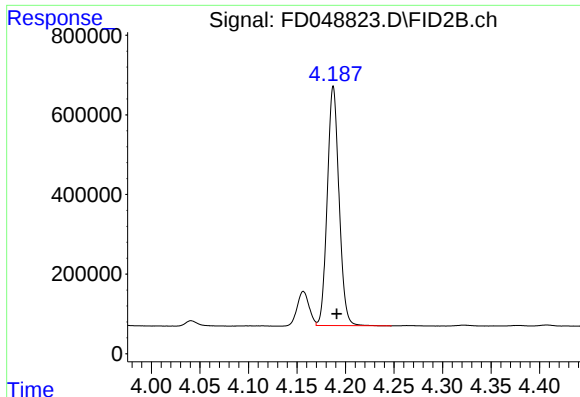
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.365	7772671	44.148 ug/ml
Spiked Amount 50.000		Recovery =	88.30%
6) S 2-Fluorobiphenyl (SURR)	8.215	4101532	35.613 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.23%
11) S ortho-Terphenyl (SURR)	11.251	7614913	39.592 ug/ml
Spiked Amount 50.000		Recovery =	79.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	5063997	26.870 ug/ml
2) T Naphthalene (C11.7)	5.705	6527759	33.378 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	6779759	35.476 ug/ml
5) T Acenaphthylene (C15.06)	8.018	8401690	43.324 ug/ml
7) T Acenaphthene (C15.5)	8.314	8672534	45.088 ug/ml
8) T Flouorene (C16.55)	9.093	9058059	47.214 ug/ml
9) T Phenanthrene (C19.36)	10.480	9424080	51.413 ug/ml
10) T Anthracene (C19.43)	10.556	9526466	50.870 ug/ml
12) T Fluoranthene (C21.85)	12.287	9816572	53.607 ug/mlm
13) T Pyrene (C20.8)	12.579	9597538	53.086 ug/ml
14) T Benzo[a]anthracene (C...	14.449	9112723	55.396 ug/ml
15) T Chrysene (C27.41)	14.492	9076201	51.860 ug/ml
16) T benzo[b]fluoranthene ...	15.997	8687712	55.294 ug/ml
17) T Bnezo[k]fluoranthene ...	16.032	8709709	53.370 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	8241898	55.279 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	8038301	65.072 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	7969188	50.819 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	7695001	53.929 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 5063997
Conc: 26.87 ug/ml

Instrument :

FID_D

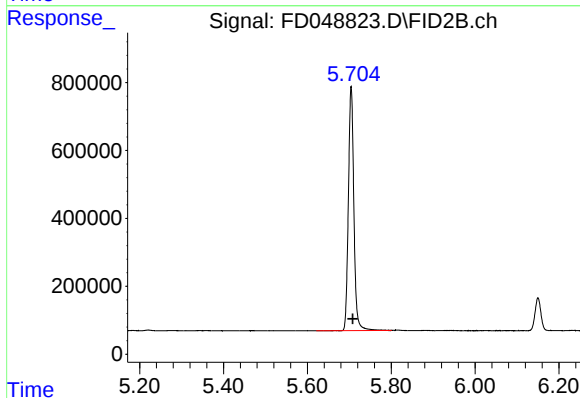
ClientSampleId :

PB165286BS

Manual Integrations

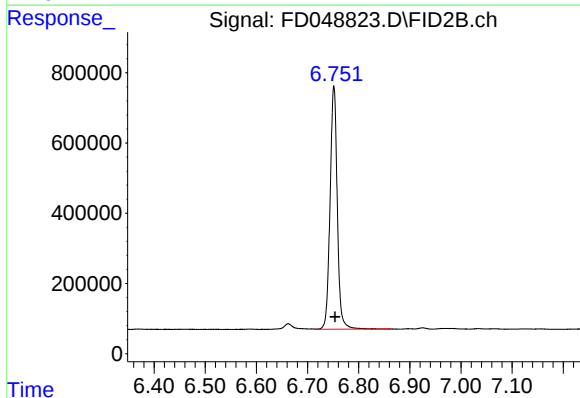
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



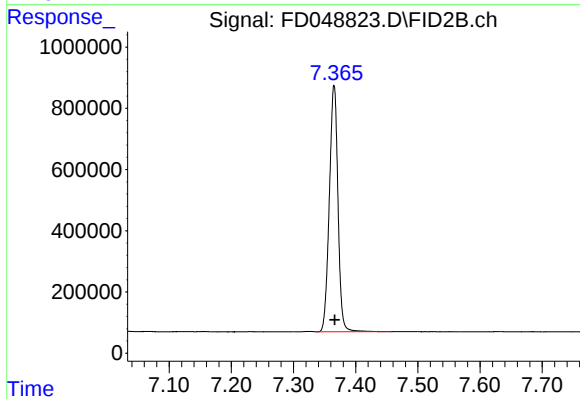
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 6527759
Conc: 33.38 ug/ml



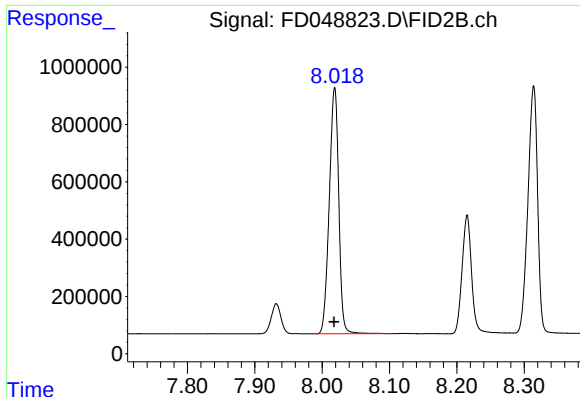
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 6779759
Conc: 35.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.001 min
Response: 7772671
Conc: 44.15 ug/ml



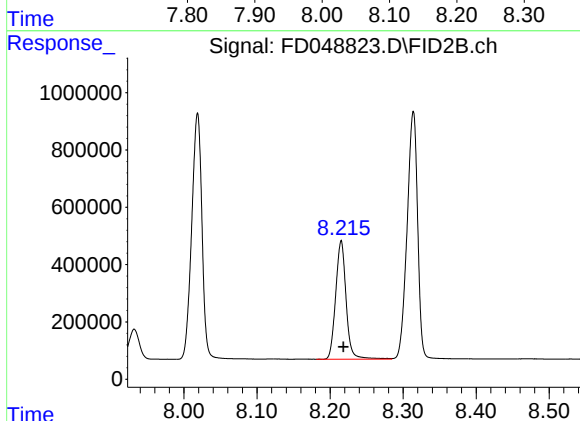
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 8401690
Conc: 43.32 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165286BS

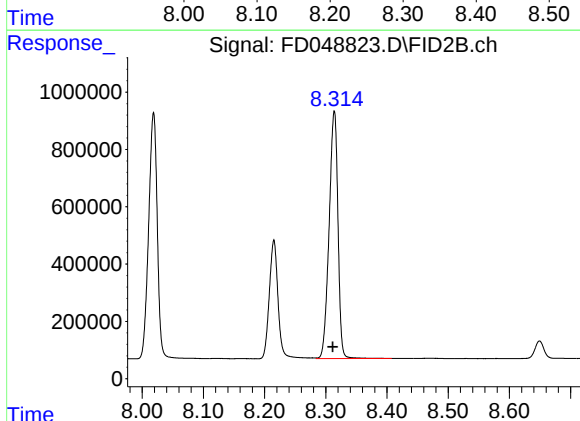
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



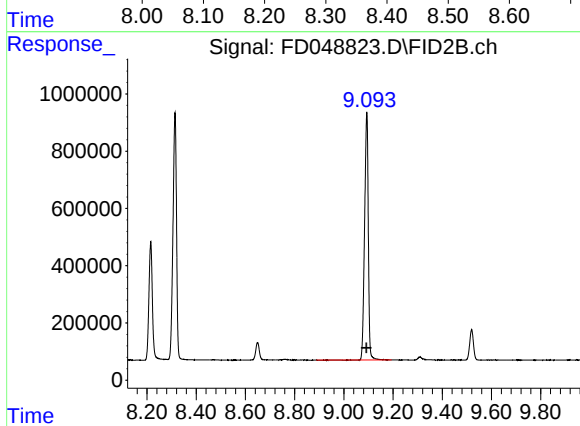
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 4101532
Conc: 35.61 ug/ml



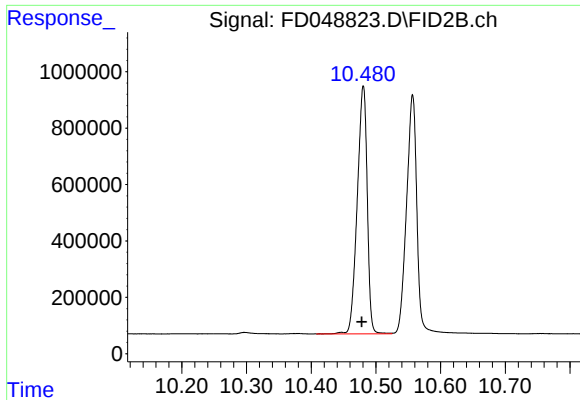
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: 0.003 min
Response: 8672534
Conc: 45.09 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.093 min
Delta R.T.: 0.002 min
Response: 9058059
Conc: 47.21 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: 0.002 min
Response: 9424080
Conc: 51.41 ug/ml

Instrument :

FID_D

ClientSampleId :

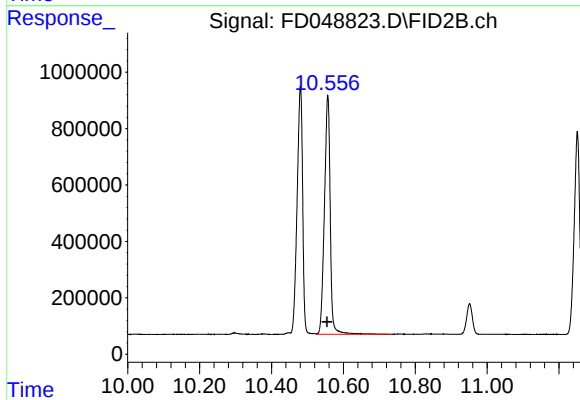
PB165286BS

Manual Integrations

APPROVED

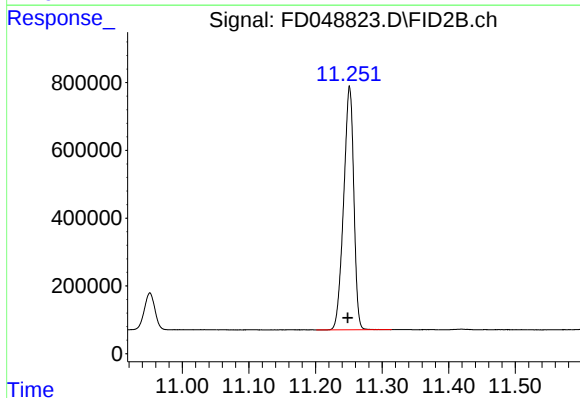
Reviewed By :Yogesh Patel 12/02/2024

Supervised By :Ankita Jodhani 12/02/2024



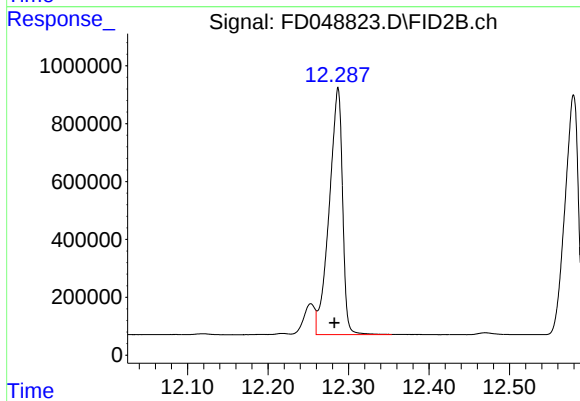
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: 0.002 min
Response: 9526466
Conc: 50.87 ug/ml



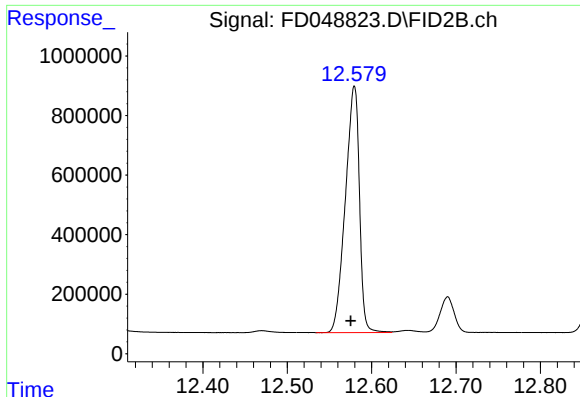
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 7614913
Conc: 39.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: 0.004 min
Response: 9816572
Conc: 53.61 ug/ml m



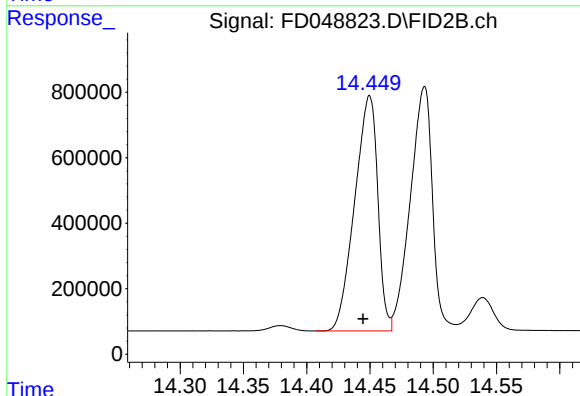
#13 Pyrene (C20.8)

R.T.: 12.579 min
Delta R.T.: 0.004 min
Response: 9597538
Conc: 53.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165286BS

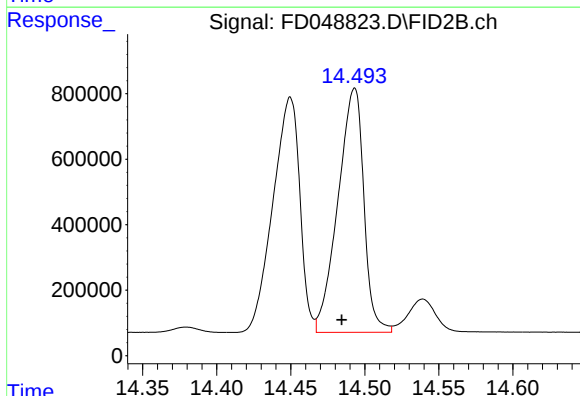
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



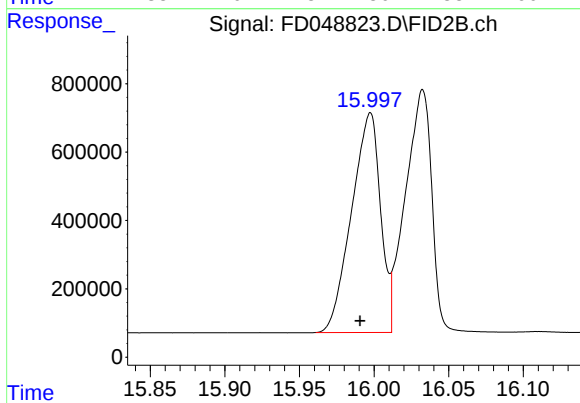
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: 0.005 min
Response: 9112723
Conc: 55.40 ug/ml



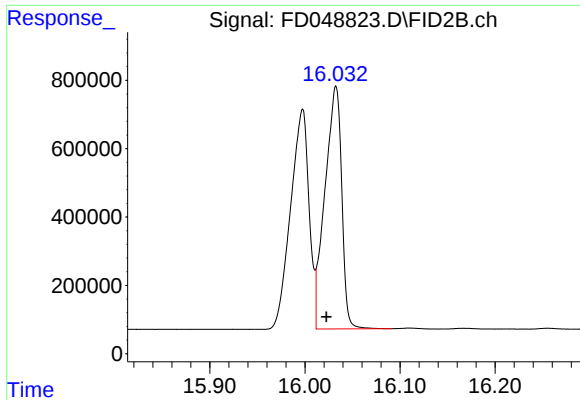
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: 0.008 min
Response: 9076201
Conc: 51.86 ug/ml



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

R.T.: 15.997 min
Delta R.T.: 0.006 min
Response: 8687712
Conc: 55.29 ug/ml



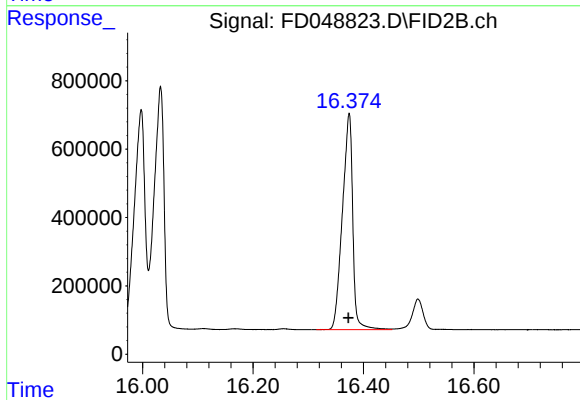
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: 0.009 min
Response: 8709709
Conc: 53.37 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165286BS

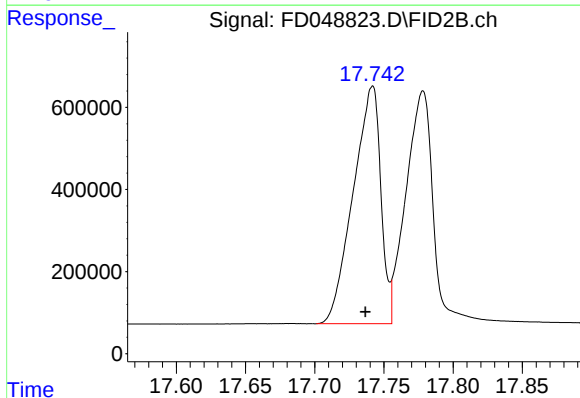
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



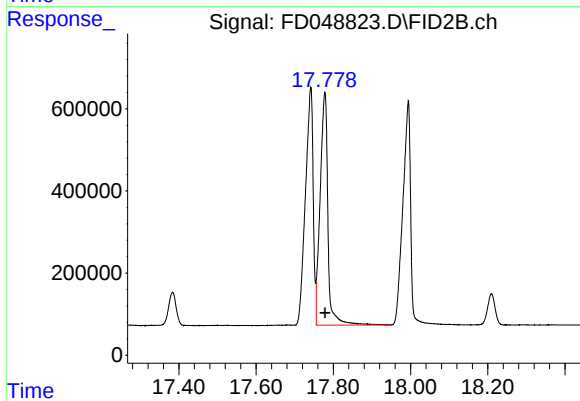
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: 0.000 min
Response: 8241898
Conc: 55.28 ug/ml



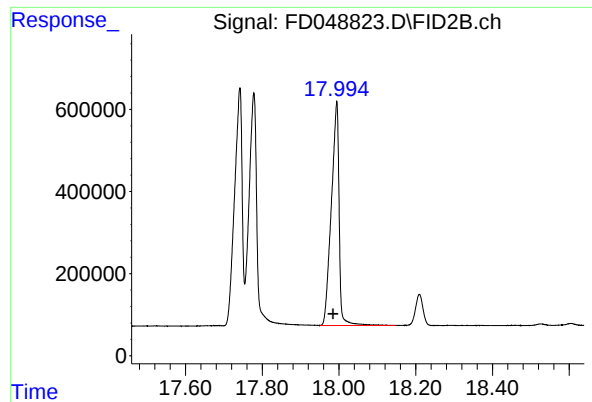
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.004 min
Response: 8038301
Conc: 65.07 ug/ml



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

R.T.: 17.777 min
Delta R.T.: -0.001 min
Response: 7969188
Conc: 50.82 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.009 min
Response: 7695001
Conc: 53.93 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165286BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024