

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112524AR\
 Data File : FD048815.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2024 17:33
 Operator : YP/AJ
 Sample : PB165222BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165222BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/26/2024

Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e

Quant Time: Nov 26 00:58:24 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	7395806	42.008 ug/ml
Spiked Amount 50.000		Recovery =	84.02%
6) S 2-Fluorobiphenyl (SURR)	8.214	3913770	33.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.97%
11) S ortho-Terphenyl (SURR)	11.251	7277414	37.837 ug/ml
Spiked Amount 50.000		Recovery =	75.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	4819588	25.573 ug/ml
2) T Naphthalene (C11.7)	5.705	6210453	31.755 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	6452080	33.762 ug/ml
5) T Acenaphthylene (C15.06)	8.018	7992547	41.214 ug/ml
7) T Acenaphthene (C15.5)	8.313	8255069	42.918 ug/ml
8) T Flouorene (C16.55)	9.092	8688295	45.286 ug/ml
9) T Phenanthrene (C19.36)	10.480	9016480	49.189 ug/ml
10) T Anthracene (C19.43)	10.557	9141475	48.814 ug/ml
12) T Fluoranthene (C21.85)	12.286	9373054	51.185 ug/mlm
13) T Pyrene (C20.8)	12.579	9212846	50.958 ug/ml
14) T Benzo[a]anthracene (C...	14.449	8742100	53.143 ug/ml
15) T Chrysene (C27.41)	14.493	8721685	49.834 ug/ml
16) T benzo[b]fluoranthene ...	15.998	8316818	52.934 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	8307845	50.907 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	7887395	52.901 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	7657055	61.985 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	7540674	48.087 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	7301710	51.173 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112524AR\
Data File : FD048815.D
Signal(s) : FID2B.ch
Acq On : 25 Nov 2024 17:33
Operator : YP/AJ
Sample : PB165222BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

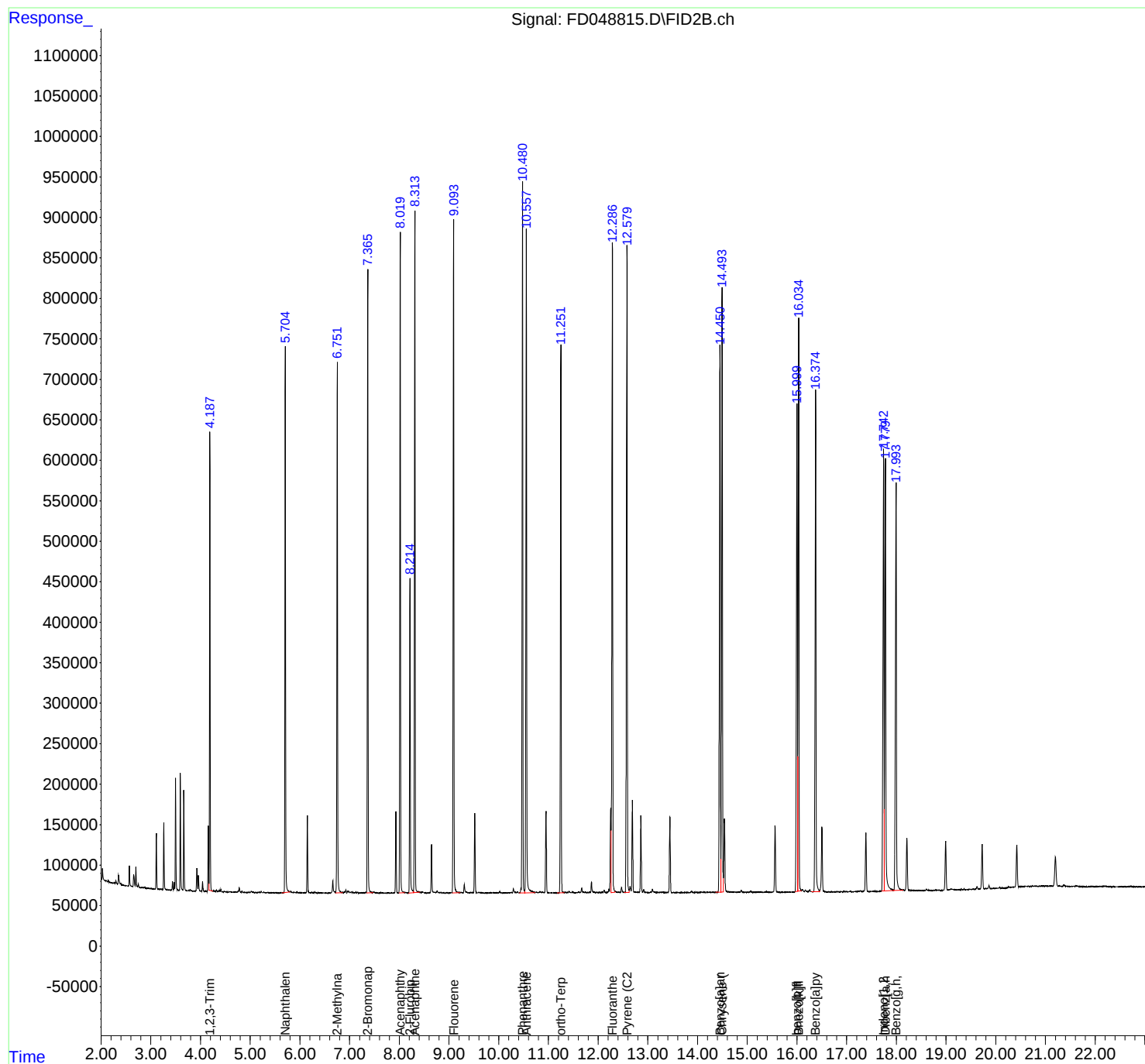
Instrument :
FID_D
ClientSampleId :
PB165222BSD

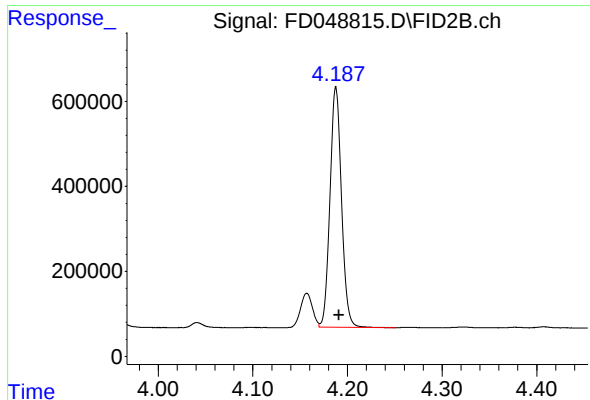
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e
Quant Time: Nov 26 00:58:24 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





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

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 4819588
Conc: 25.57 ug/ml

Instrument :

FID_D

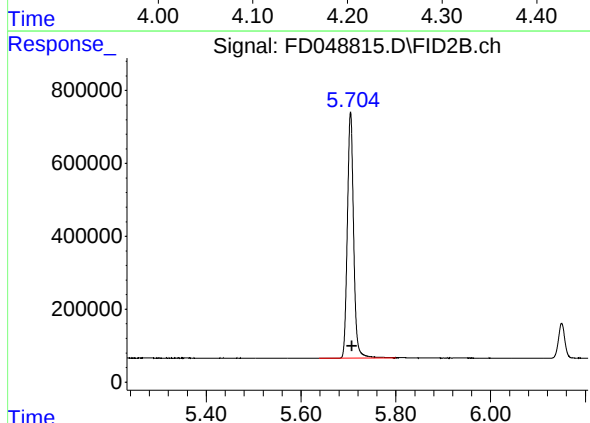
ClientSampleId :

PB165222BSD

Manual Integrations

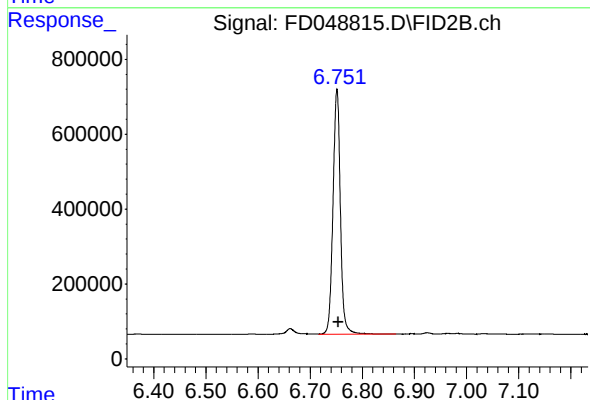
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



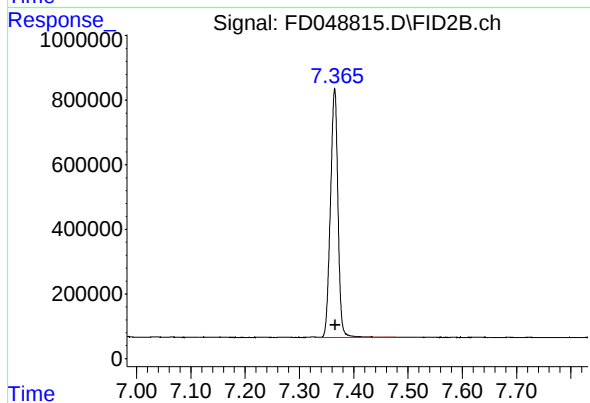
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 6210453
Conc: 31.76 ug/ml



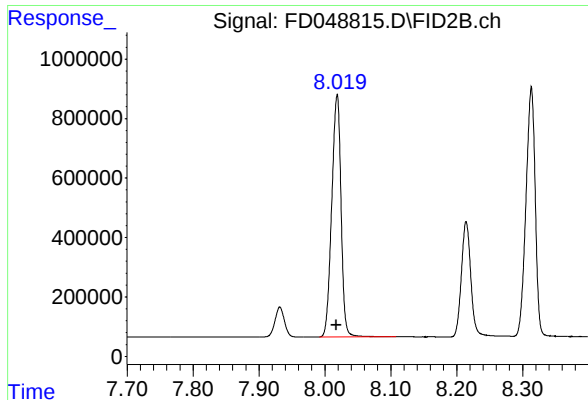
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 6452080
Conc: 33.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 7395806
Conc: 42.01 ug/ml



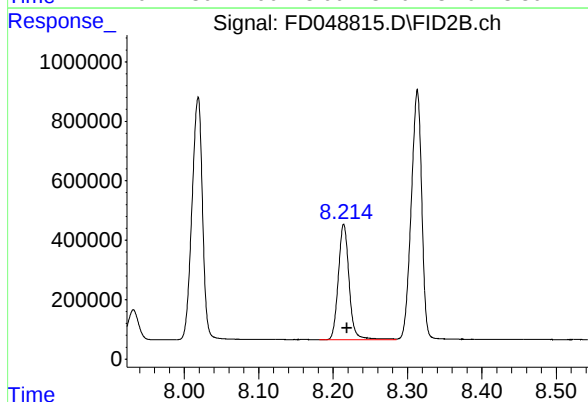
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 7992547
Conc: 41.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165222BSD

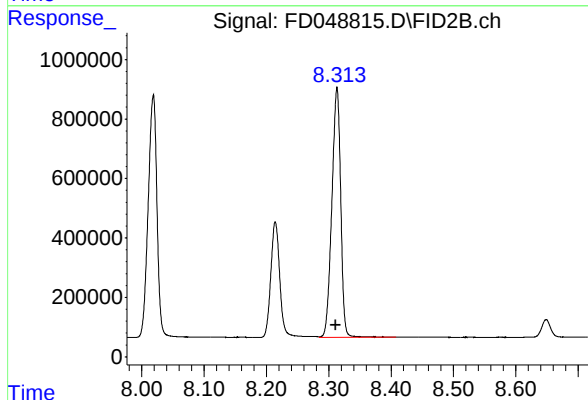
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



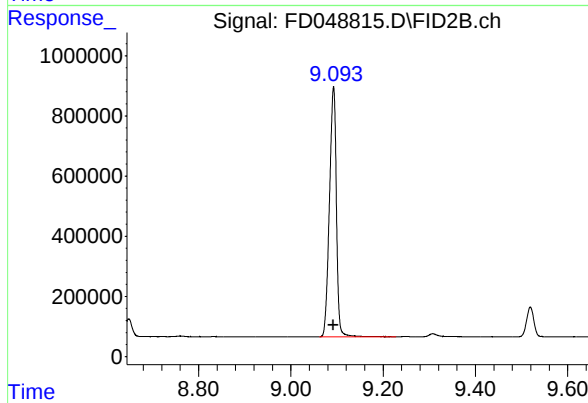
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.004 min
Response: 3913770
Conc: 33.98 ug/ml



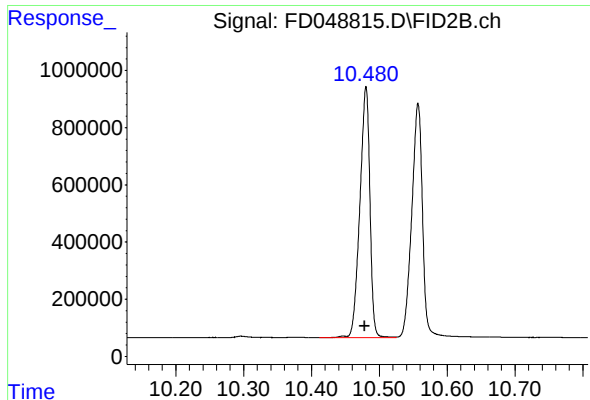
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: 0.002 min
Response: 8255069
Conc: 42.92 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 8688295
Conc: 45.29 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.480 min
Delta R.T.: 0.002 min
Response: 9016480
Conc: 49.19 ug/ml

Instrument :

FID_D

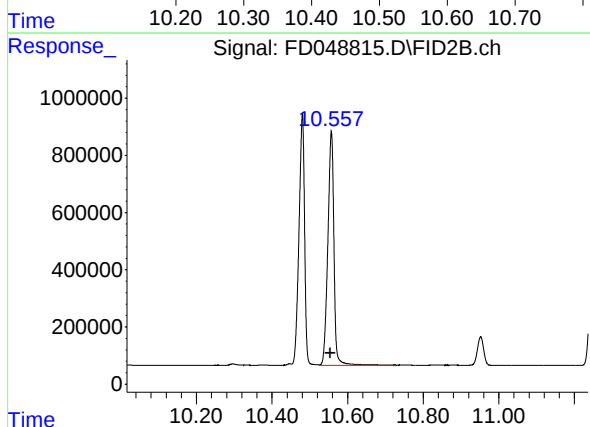
ClientSampleId :

PB165222BSD

Manual Integrations

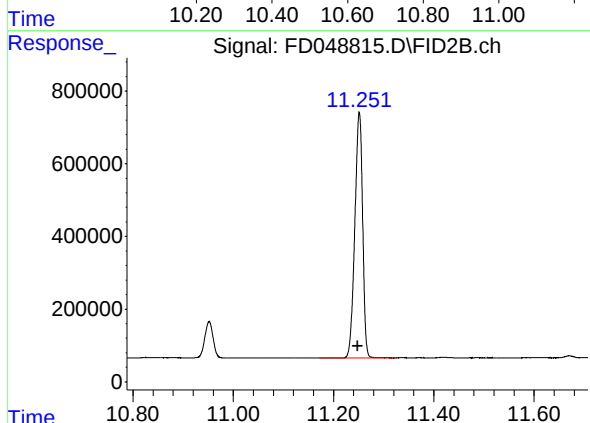
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



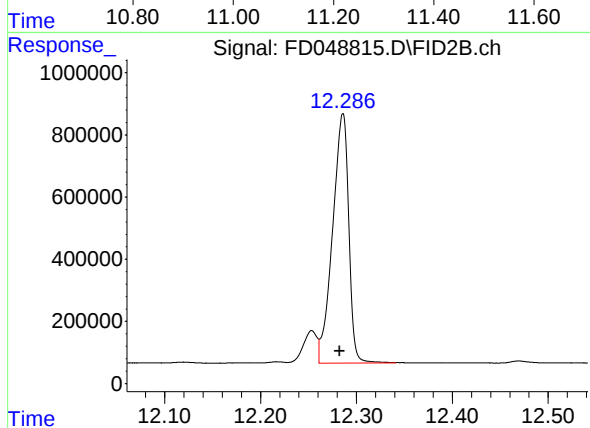
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: 0.002 min
Response: 9141475
Conc: 48.81 ug/ml



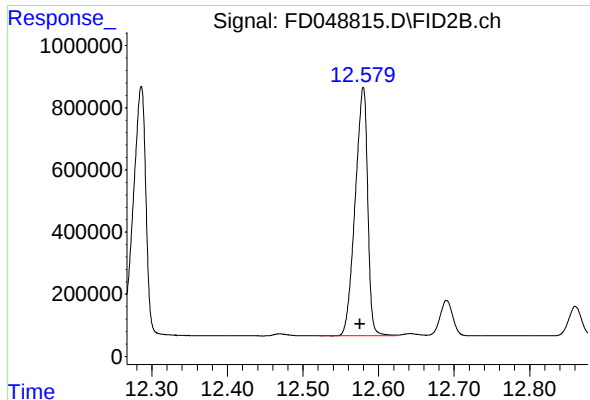
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.003 min
Response: 7277414
Conc: 37.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.286 min
Delta R.T.: 0.003 min
Response: 9373054
Conc: 51.18 ug/ml m



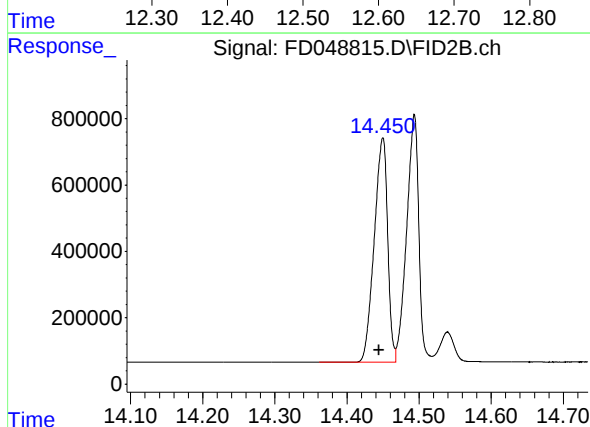
#13 Pyrene (C20.8)

R.T.: 12.579 min
Delta R.T.: 0.004 min
Response: 9212846
Conc: 50.96 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165222BSD

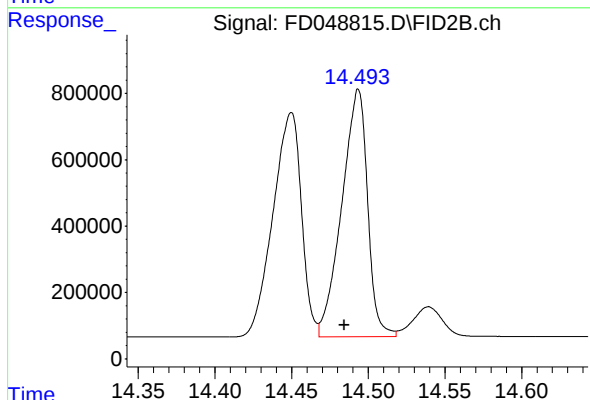
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



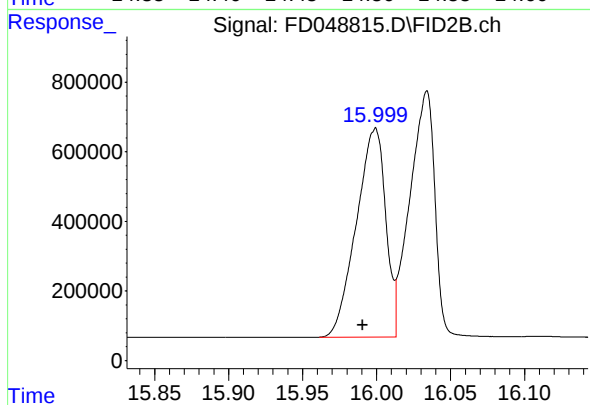
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.449 min
Delta R.T.: 0.005 min
Response: 8742100
Conc: 53.14 ug/ml



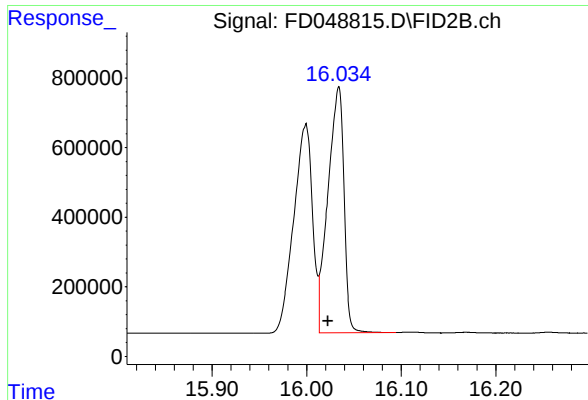
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.009 min
Response: 8721685
Conc: 49.83 ug/ml



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

R.T.: 15.998 min
Delta R.T.: 0.008 min
Response: 8316818
Conc: 52.93 ug/ml



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

R.T.: 16.033 min
Delta R.T.: 0.011 min
Response: 8307845
Conc: 50.91 ug/ml

Instrument :

FID_D

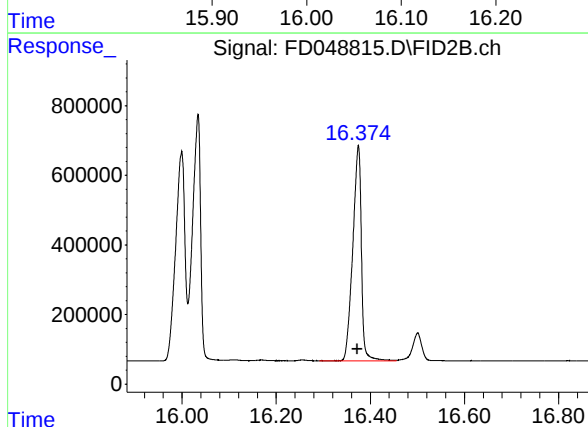
ClientSampleId :

PB165222BSD

Manual Integrations

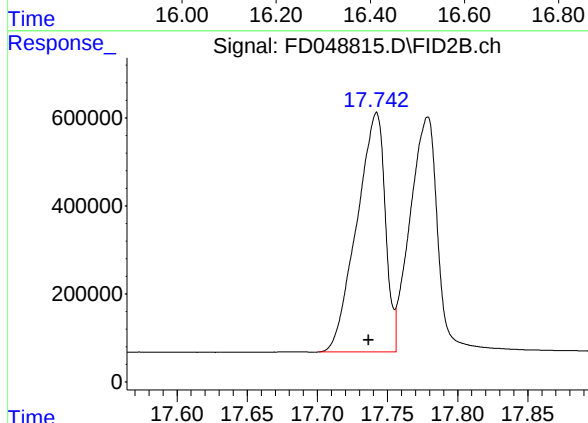
APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024



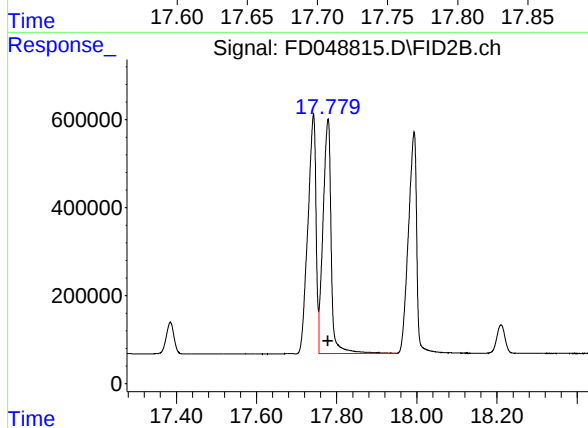
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.001 min
Response: 7887395
Conc: 52.90 ug/ml



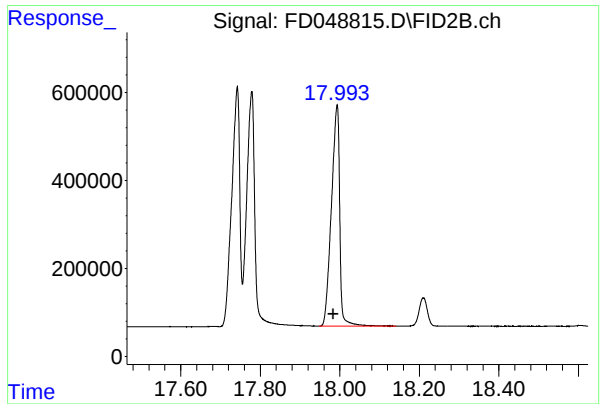
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.005 min
Response: 7657055
Conc: 61.99 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 7540674
Conc: 48.09 ug/ml



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

R.T.: 17.992 min
Delta R.T.: 0.008 min
Response: 7301710
Conc: 51.17 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165222BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/26/2024
Supervised By :Ankita Jodhani 11/26/2024