

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
 Data File : FD048768.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2024 16:39
 Operator : YP/AJ
 Sample : PB165032BSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165032BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: sample.E

Quant Time: Nov 19 05:56:16 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...	7.367	8248787	46.852 ug/ml
Spiked Amount 50.000		Recovery =	93.70%
6) S 2-Fluorobiphenyl (SURR)	8.217	4866638	42.256 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.51%
11) S ortho-Terphenyl (SURR)	11.254	7710147	40.087 ug/ml
Spiked Amount 50.000		Recovery =	80.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	6884236	36.529 ug/ml
2) T Naphthalene (C11.7)	5.707	8235127	42.108 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	8081250	42.287 ug/ml
5) T Acenaphthylene (C15.06)	8.021	9210211	47.493 ug/ml
7) T Acenaphthene (C15.5)	8.317	9572483	49.767 ug/ml
8) T Flouorene (C16.55)	9.095	9473016	49.376 ug/ml
9) T Phenanthrene (C19.36)	10.483	9312497	50.804 ug/ml
10) T Anthracene (C19.43)	10.559	9333900	49.842 ug/ml
12) T Fluoranthene (C21.85)	12.288	9382920	51.239 ug/mlm
13) T Pyrene (C20.8)	12.581	9123016	50.461 ug/ml
14) T Benzo[a]anthracene (C...	14.452	8572046	52.109 ug/ml
15) T Chrysene (C27.41)	14.496	8471962	48.408 ug/ml
16) T benzo[b]fluoranthene ...	16.000	8158287	51.925 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	8077973	49.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	7709837	51.710 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	7523442	60.904 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	7186137	45.826 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	7244062	50.769 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111824AR\
Data File : FD048768.D
Signal(s) : FID2B.ch
Acq On : 18 Nov 2024 16:39
Operator : YP/AJ
Sample : PB165032BSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

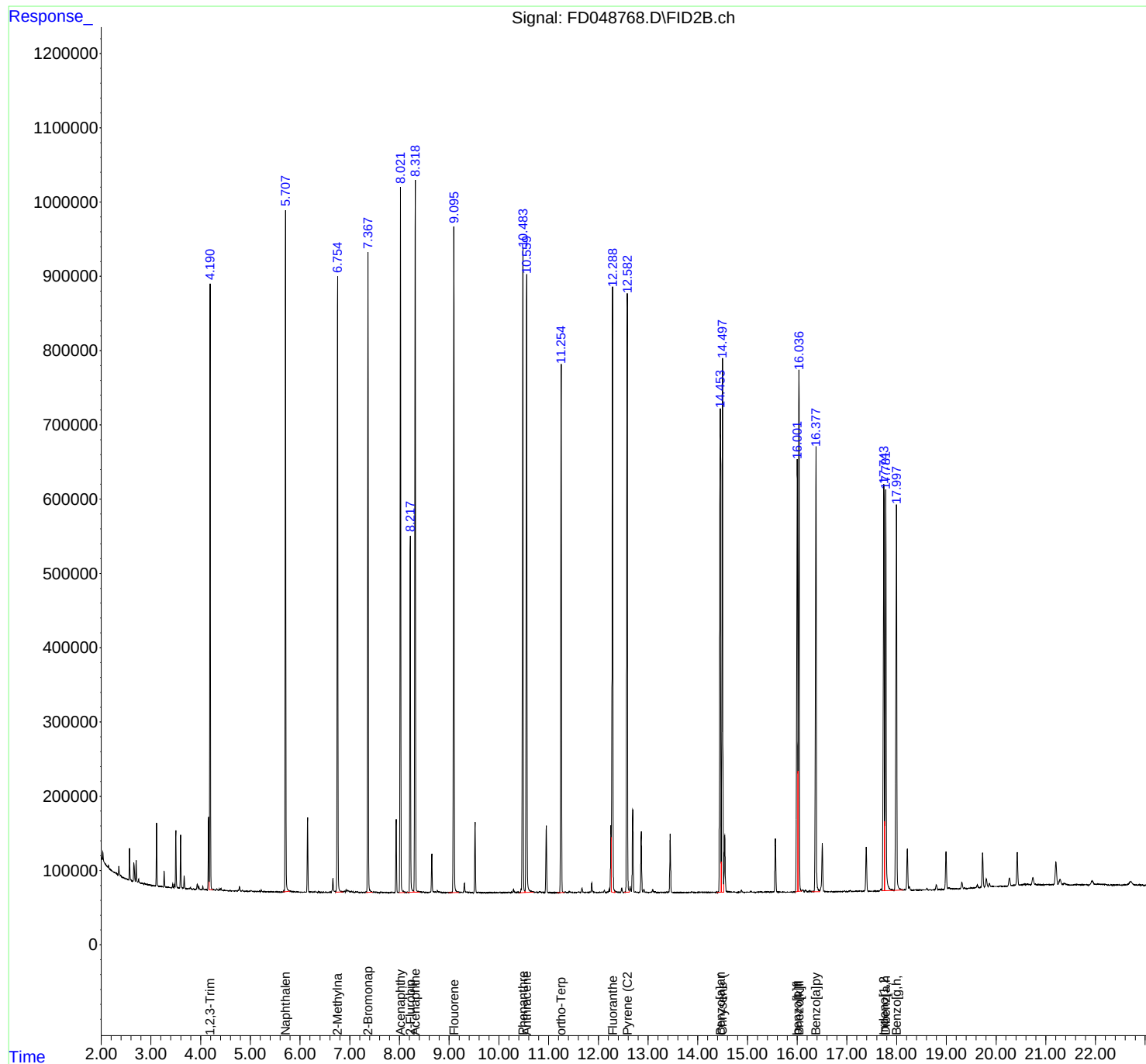
Instrument :
FID_D
ClientSampleId :
PB165032BSD

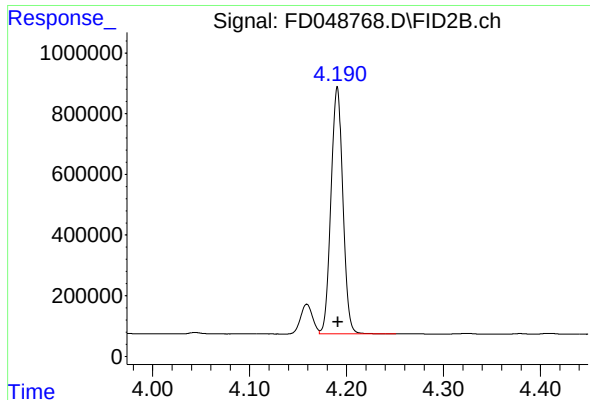
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File: sample.E
Quant Time: Nov 19 05:56:16 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





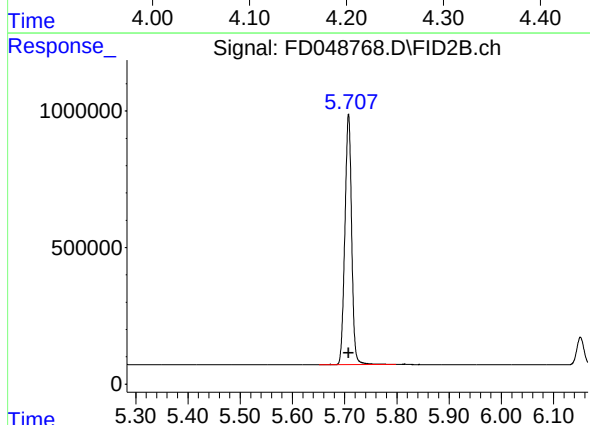
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 6884236
Conc: 36.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165032BSD

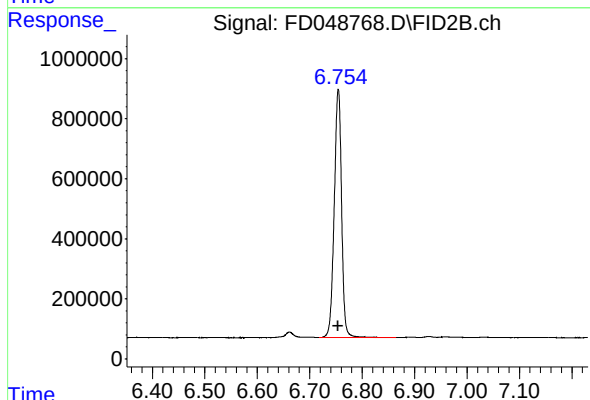
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



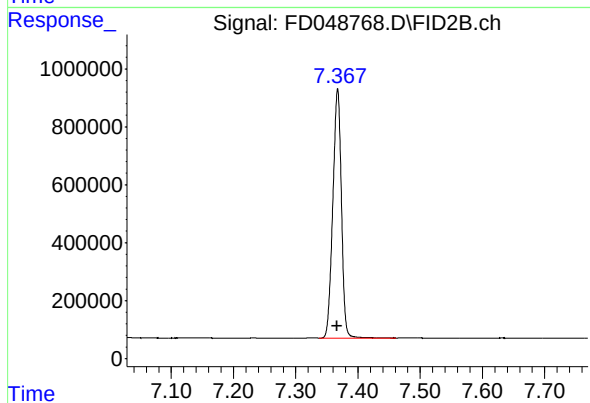
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 8235127
Conc: 42.11 ug/ml



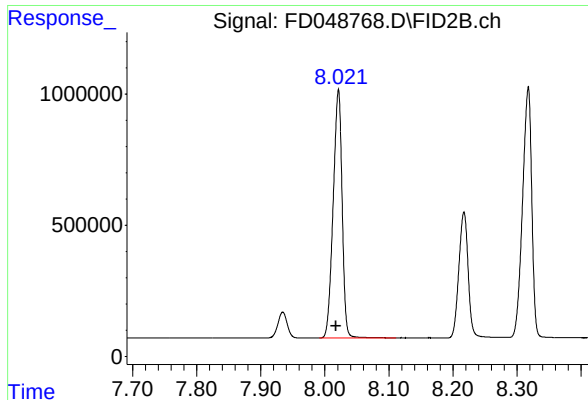
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 8081250
Conc: 42.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 8248787
Conc: 46.85 ug/ml



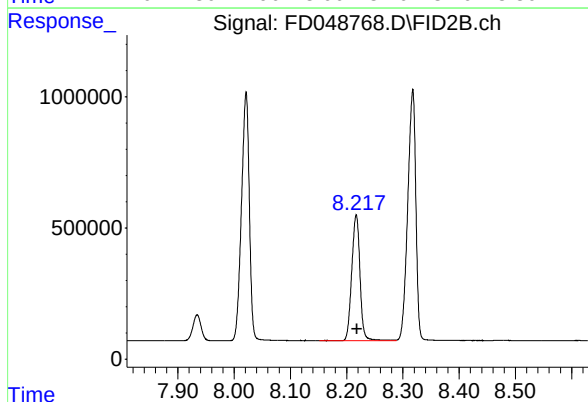
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: 0.003 min
Response: 9210211
Conc: 47.49 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165032BSD

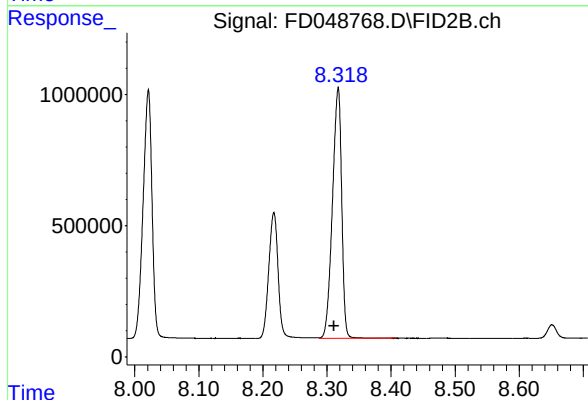
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



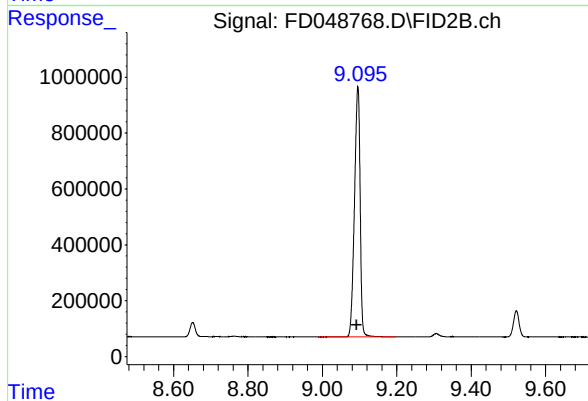
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.217 min
Delta R.T.: -0.001 min
Response: 4866638
Conc: 42.26 ug/ml



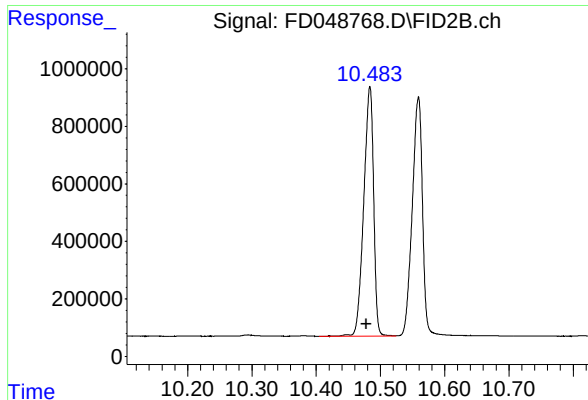
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 9572483
Conc: 49.77 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: 0.003 min
Response: 9473016
Conc: 49.38 ug/ml



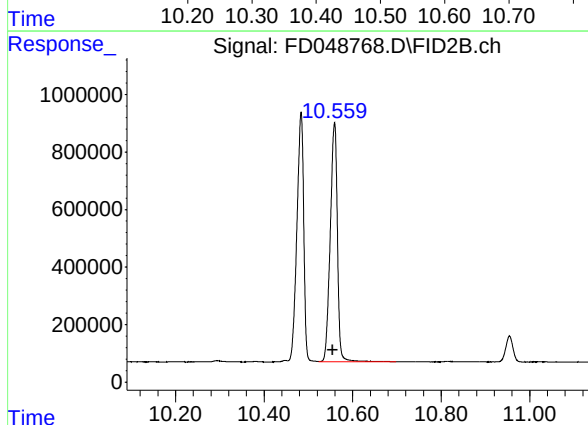
#9 Phenanthrene (C19.36)

R.T.: 10.483 min
Delta R.T.: 0.005 min
Response: 9312497
Conc: 50.80 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165032BSD

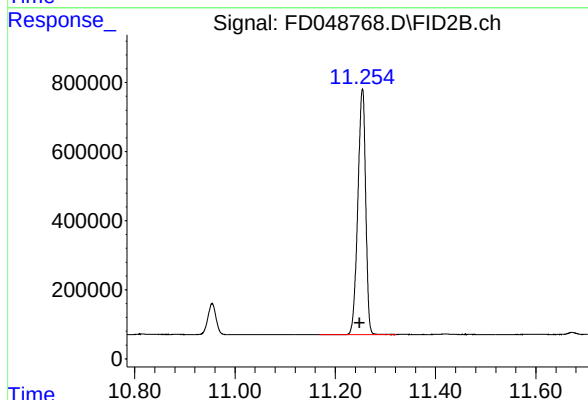
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



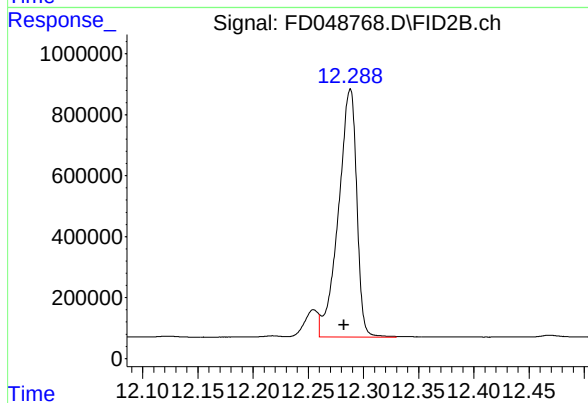
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: 0.004 min
Response: 9333900
Conc: 49.84 ug/ml



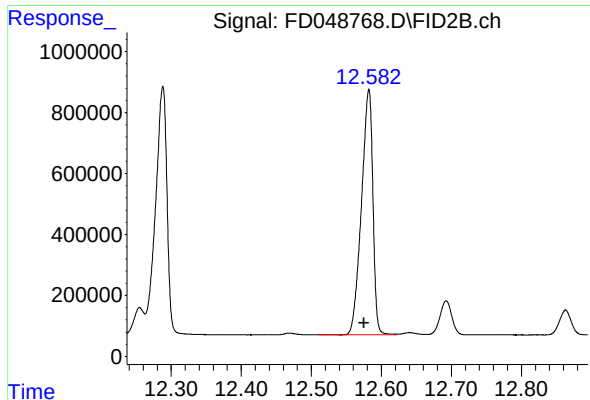
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: 0.005 min
Response: 7710147
Conc: 40.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.288 min
Delta R.T.: 0.005 min
Response: 9382920
Conc: 51.24 ug/ml m



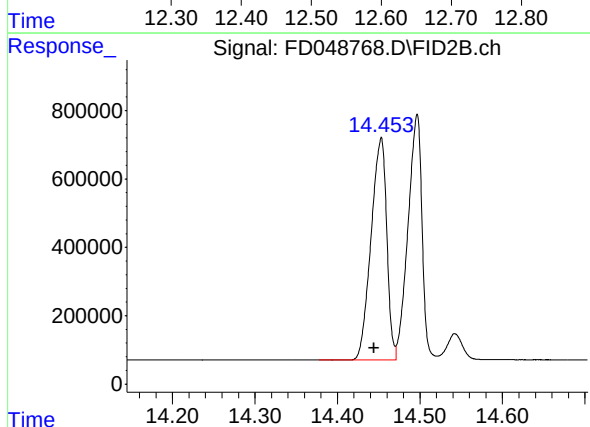
#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: 0.006 min
Response: 9123016
Conc: 50.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165032BSD

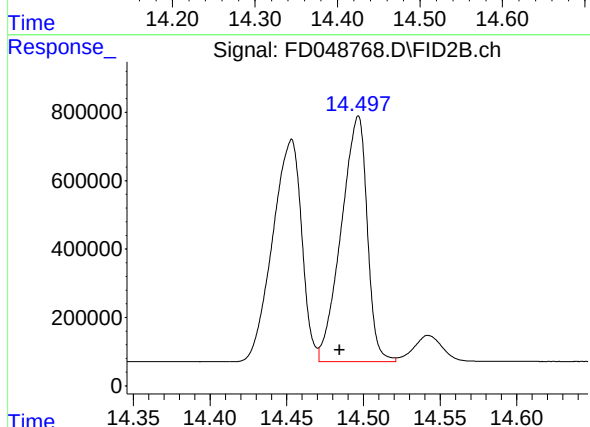
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



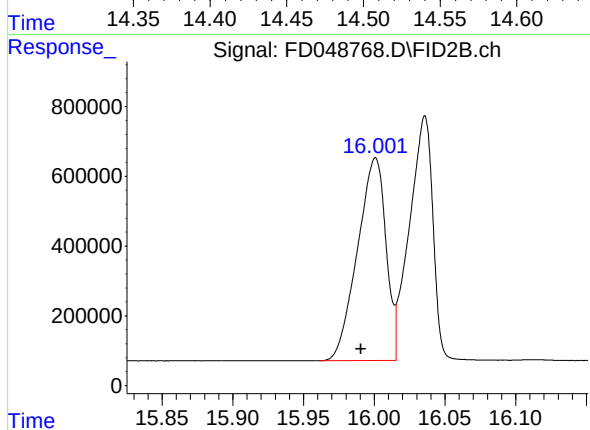
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.452 min
Delta R.T.: 0.008 min
Response: 8572046
Conc: 52.11 ug/ml



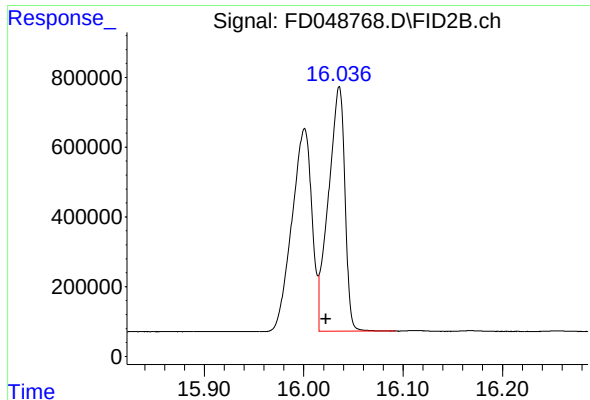
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: 0.011 min
Response: 8471962
Conc: 48.41 ug/ml



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

R.T.: 16.000 min
Delta R.T.: 0.010 min
Response: 8158287
Conc: 51.92 ug/ml



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

R.T.: 16.035 min
Delta R.T.: 0.013 min
Response: 8077973
Conc: 49.50 ug/ml

Instrument :

FID_D

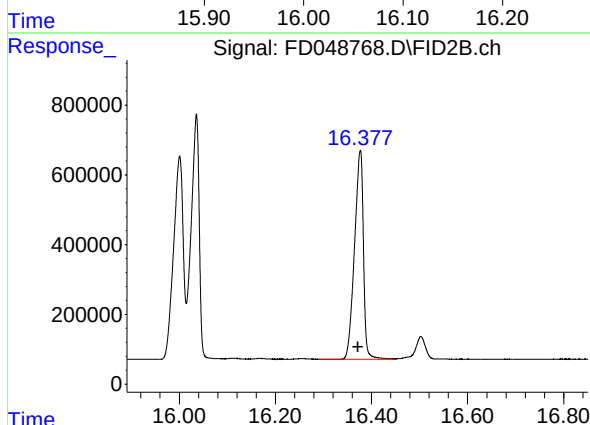
ClientSampleId :

PB165032BSD

Manual Integrations

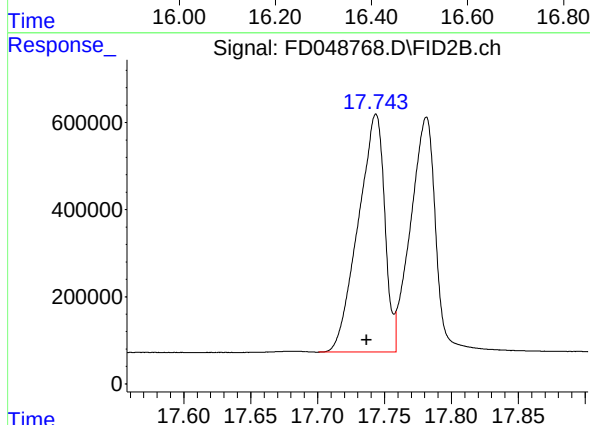
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



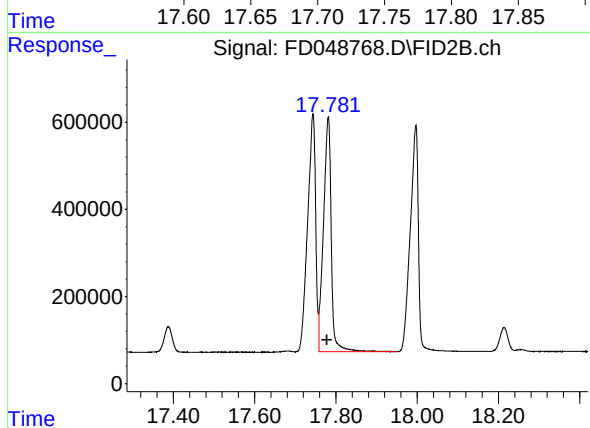
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: 0.004 min
Response: 7709837
Conc: 51.71 ug/ml



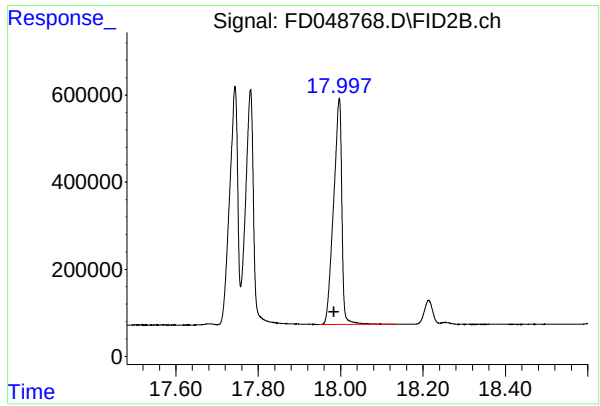
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: 0.006 min
Response: 7523442
Conc: 60.90 ug/ml



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

R.T.: 17.781 min
Delta R.T.: 0.002 min
Response: 7186137
Conc: 45.83 ug/ml



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

R.T.: 17.996 min
Delta R.T.: 0.012 min
Response: 7244062
Conc: 50.77 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165032BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024