

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048460.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 19:42
 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 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 04:58:23 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...	7.378	3098550	18.715 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
6) S 2-Fluorobiphenyl (SURR)	8.229	1970958	19.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.01%
11) S ortho-Terphenyl (SURR)	11.263	3418103	18.577 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.200	3485645	19.889 ug/ml
2) T Naphthalene (C11.7)	5.718	3578837	19.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	3668554	19.412 ug/ml
5) T Acenaphthylene (C15.06)	8.031	3562128	18.568 ug/ml
7) T Acenaphthene (C15.5)	8.324	3642794	19.258 ug/ml
8) T Fluorene (C16.55)	9.104	3436344	19.020 ug/ml
9) T Phenanthrene (C19.36)	10.490	3329321	18.785 ug/ml
10) T Anthracene (C19.43)	10.566	3227498	18.138 ug/ml
12) T Fluoranthene (C21.85)	12.294	3309332	18.296 ug/ml
13) T Pyrene (C20.8)	12.587	3248073	18.139 ug/ml
14) T Benzo[a]anthracene (C...	14.455	2903158	18.166 ug/ml
15) T Chrysene (C27.41)	14.496	3338538	17.898 ug/ml
16) T benzo[b]fluoranthene ...	16.001	2949344	17.709 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.032	3018449	17.782 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.377	2913366	17.825 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	2355024	17.903 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	3096081	18.502 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	2974987	18.316 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
Data File : FD048460.D
Signal(s) : FID2B.ch
Acq On : 11 Oct 2024 19:42
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

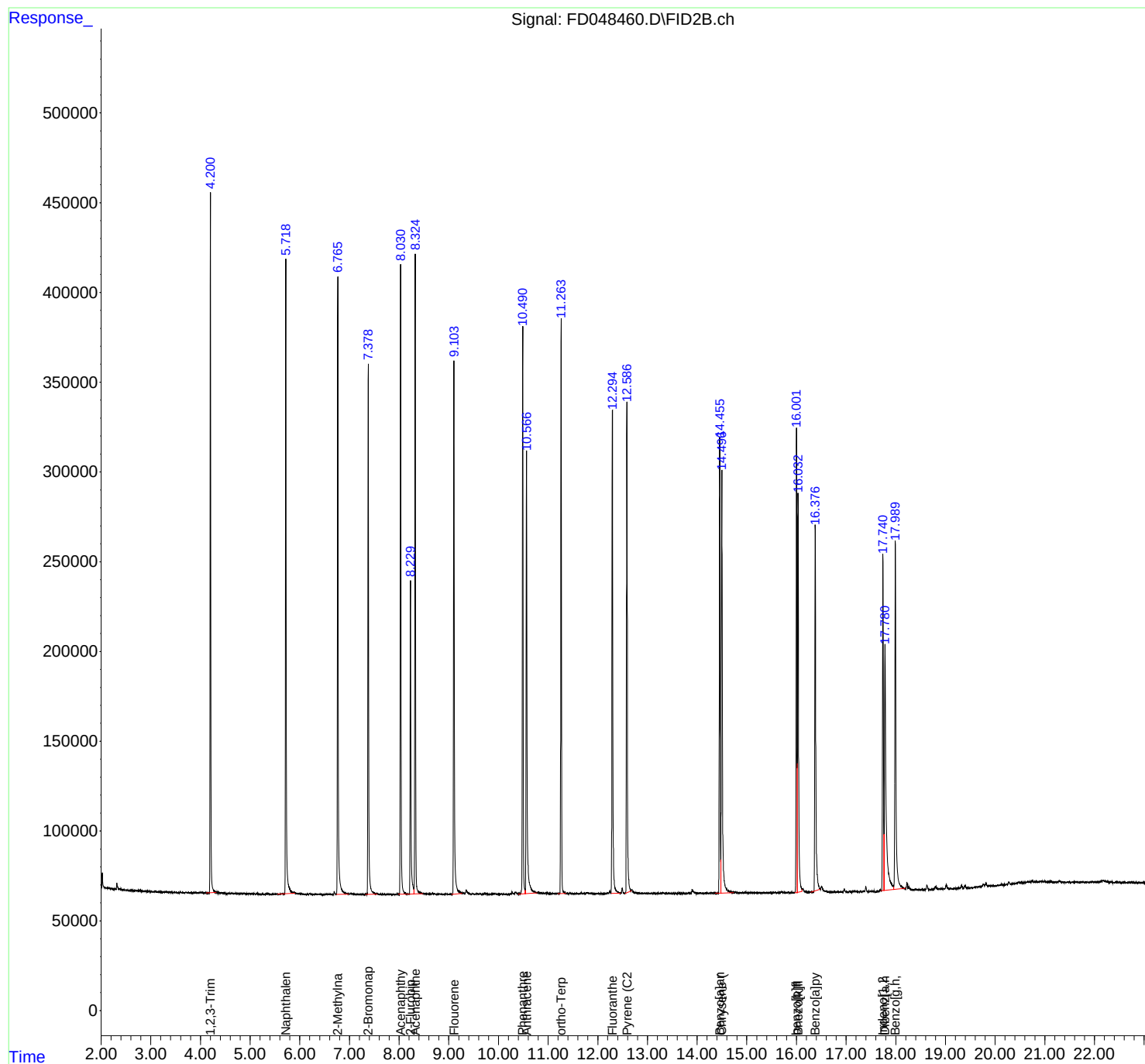
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

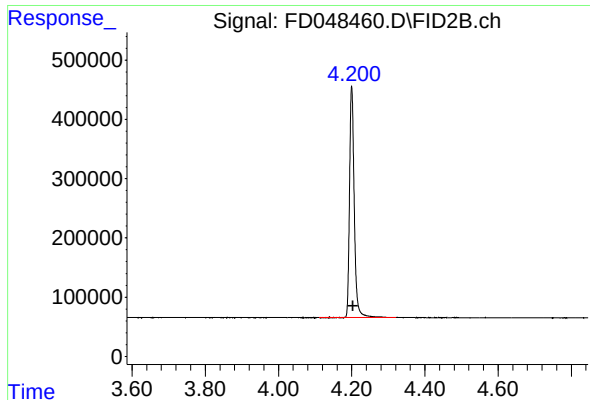
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
Quant Time: Oct 14 04:58:23 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





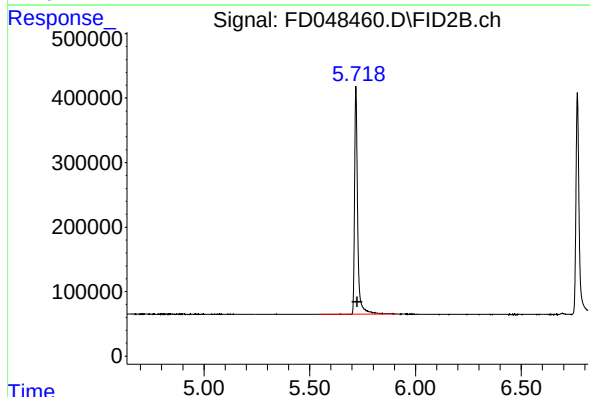
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.200 min
Delta R.T.: -0.004 min
Response: 3485645
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

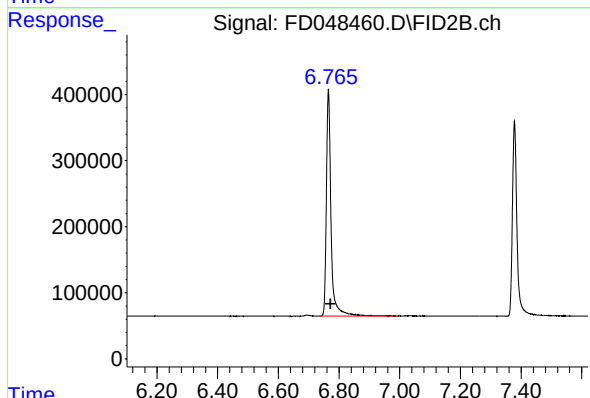
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



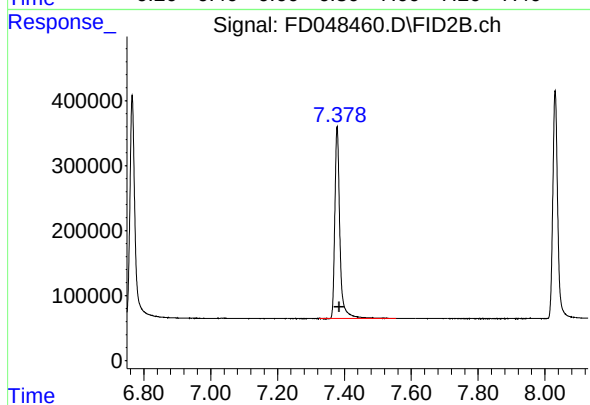
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: -0.006 min
Response: 3578837
Conc: 19.17 ug/ml



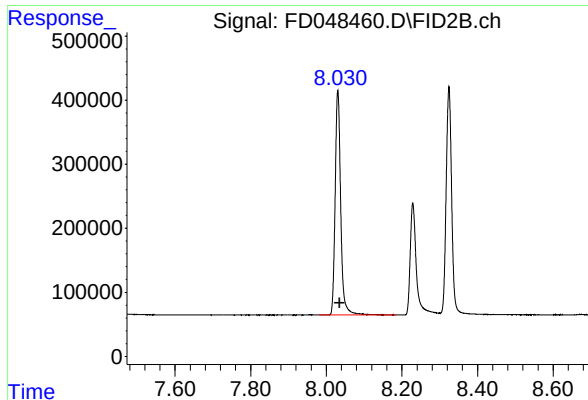
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 3668554
Conc: 19.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 3098550
Conc: 18.71 ug/ml



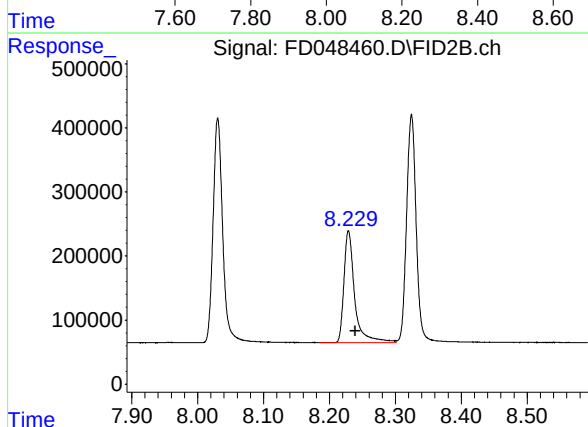
#5 Acenaphthylene (C15.06)

R.T.: 8.031 min
Delta R.T.: -0.005 min
Response: 3562128
Conc: 18.57 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

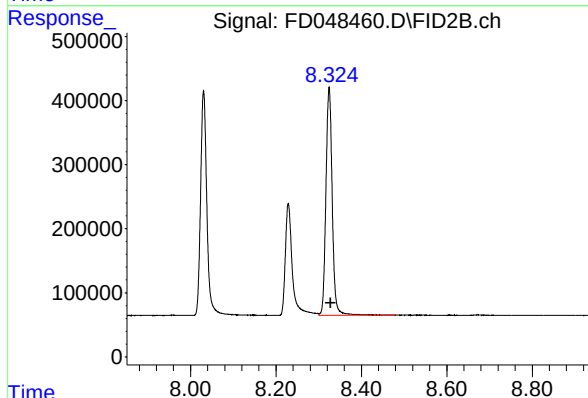
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



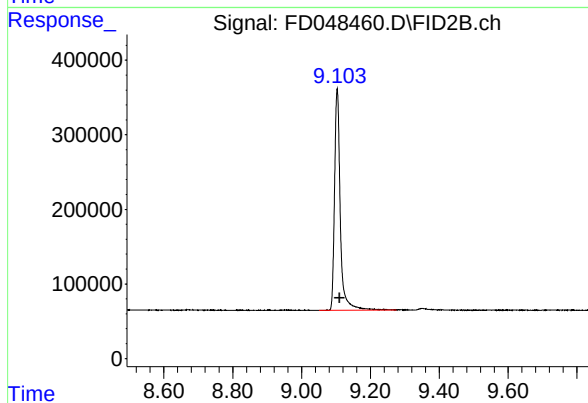
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 1970958
Conc: 19.01 ug/ml



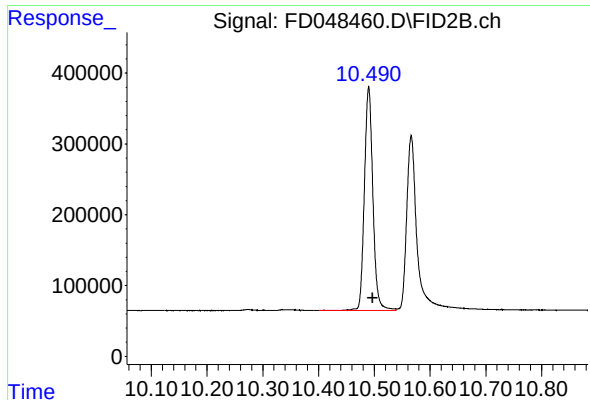
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 3642794
Conc: 19.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 3436344
Conc: 19.02 ug/ml



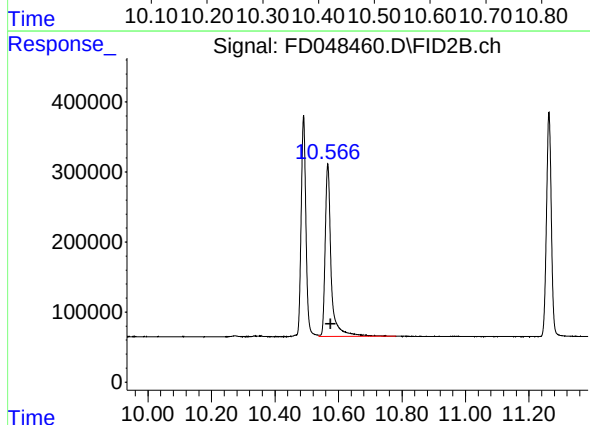
#9 Phenanthrene (C19.36)

R.T.: 10.490 min
Delta R.T.: -0.007 min
Response: 3329321
Conc: 18.79 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

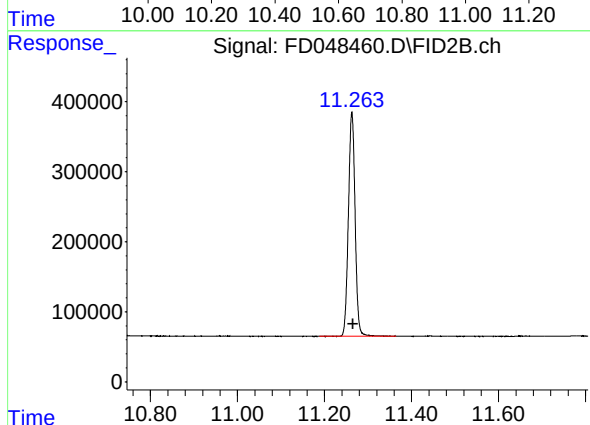
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



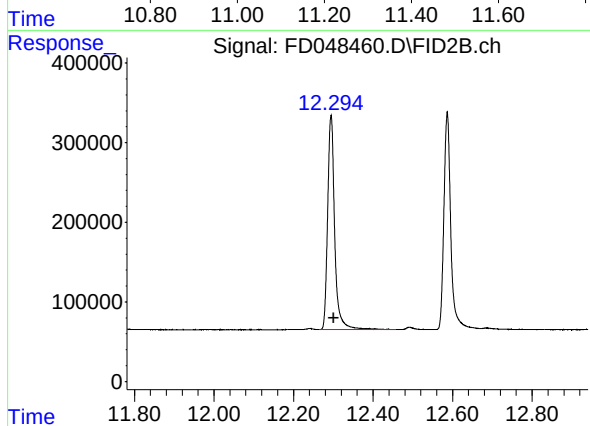
#10 Anthracene (C19.43)

R.T.: 10.566 min
Delta R.T.: -0.009 min
Response: 3227498
Conc: 18.14 ug/ml



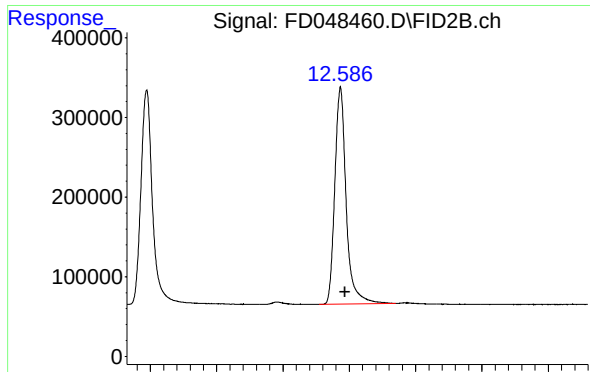
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: -0.002 min
Response: 3418103
Conc: 18.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.294 min
Delta R.T.: -0.007 min
Response: 3309332
Conc: 18.30 ug/ml



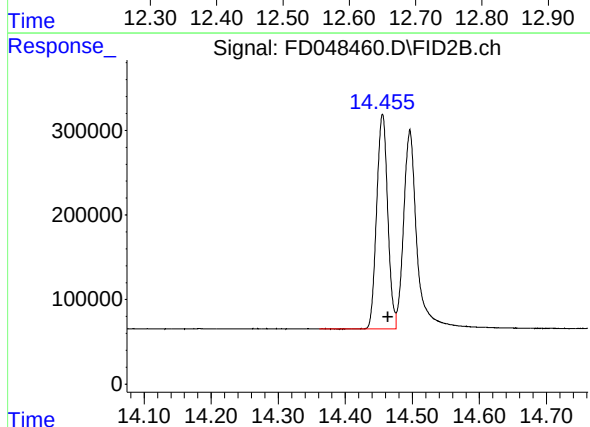
#13 Pyrene (C20.8)

R.T.: 12.587 min
Delta R.T.: -0.007 min
Response: 3248073
Conc: 18.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

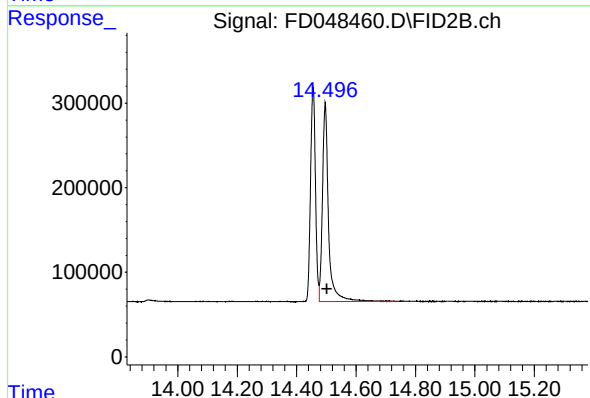
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



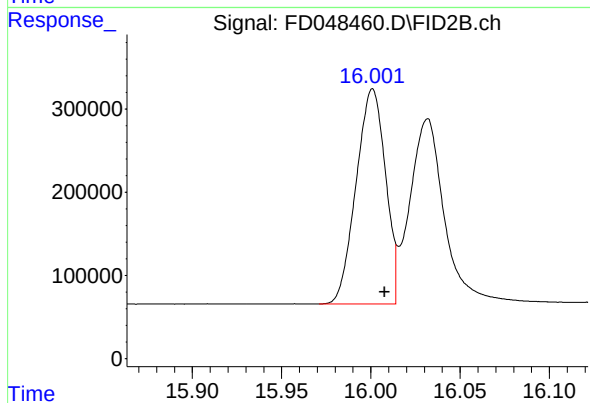
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: -0.008 min
Response: 2903158
Conc: 18.17 ug/ml



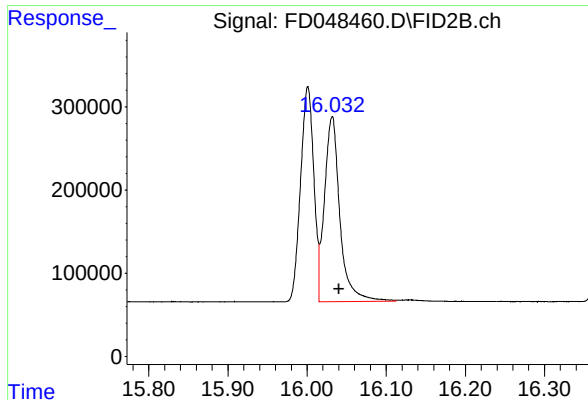
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.006 min
Response: 3338538
Conc: 17.90 ug/ml



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

R.T.: 16.001 min
Delta R.T.: -0.007 min
Response: 2949344
Conc: 17.71 ug/ml m



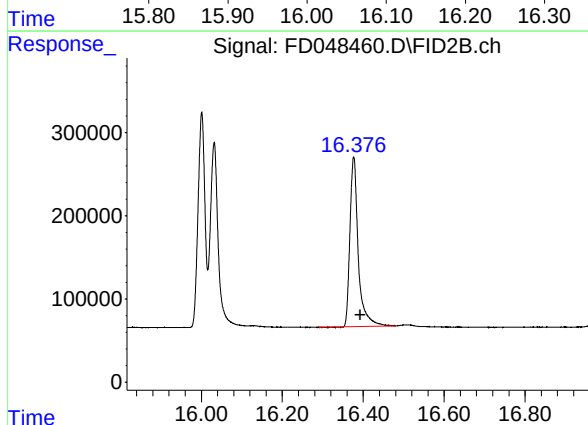
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: -0.008 min
Response: 3018449
Conc: 17.78 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

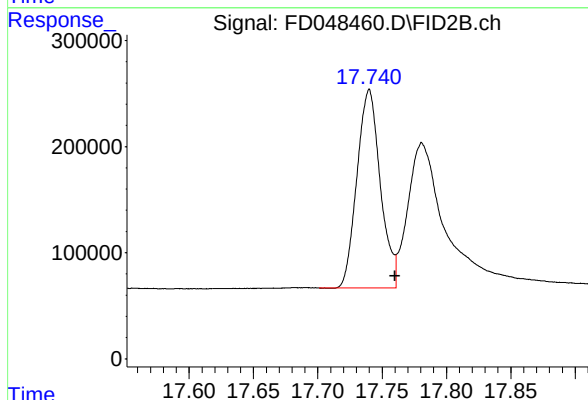
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



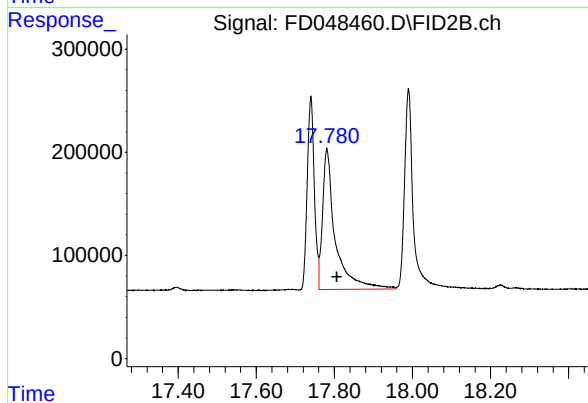
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: -0.016 min
Response: 2913366
Conc: 17.82 ug/ml



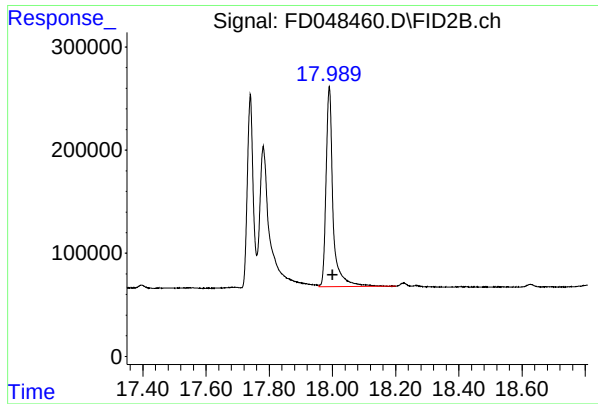
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: -0.020 min
Response: 2355024
Conc: 17.90 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.025 min
Response: 3096081
Conc: 18.50 ug/ml



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

R.T.: 17.990 min
Delta R.T.: -0.011 min
Response: 2974987
Conc: 18.32 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024