

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110122AR\
 Data File : FD044376.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2022 16:04
 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 11/02/2022
 Supervised By :Ankita Jodhani 11/02/2022

Integration File: autoint1.e
 Quant Time: Nov 01 16:31:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

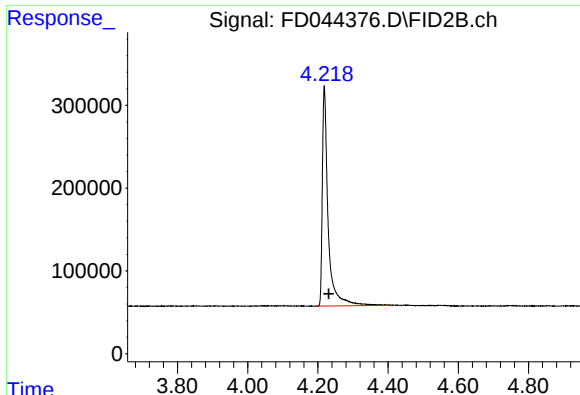
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.415	2584644	20.818 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
6) S 2-Fluorobiphenyl (SURR)	8.280	1261978	16.760 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.52%
11) S ortho-Terphenyl (SURR)	11.291	3650620	21.568 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	3068377	21.739 ug/ml
2) T Naphthalene (C11.7)	5.756	2891757	21.093 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	2935849	20.710 ug/ml
5) T Acenaphthylene (C15.06)	8.069	2914914	20.779 ug/ml
7) T Acenaphthene (C15.5)	8.358	3547496	22.813 ug/ml
8) T Flouorene (C16.55)	9.144	2812559	19.992 ug/ml
9) T Phenanthrene (C19.36)	10.536	2707088	20.101 ug/ml
10) T Anthracene (C19.43)	10.621	2154033	16.031 ug/ml
12) T Fluoranthene (C21.85)	12.340	2881602	21.577 ug/ml
13) T Pyrene (C20.8)	12.633	2628081	20.806 ug/mlm
14) T Benzo[a]anthracene (C...	14.505	2148947	20.232 ug/ml
15) T Chrysene (C27.41)	14.548	3122365	23.819 ug/ml
16) T benzo[b]fluoranthene ...	16.051	2424002	21.599 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	3038757	23.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.440	2449076	21.076 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.799	2155135	20.215 ug/mlm
20) T Dibenz[a,h]anthracene...	17.838	2440750	19.729 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.048	2296124	19.559 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



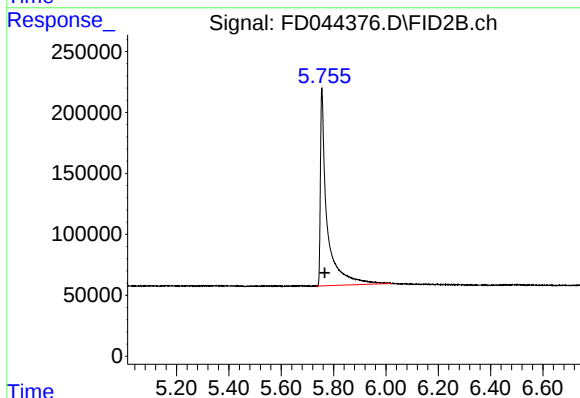
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.219 min
Delta R.T.: -0.012 min
Response: 3068377
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

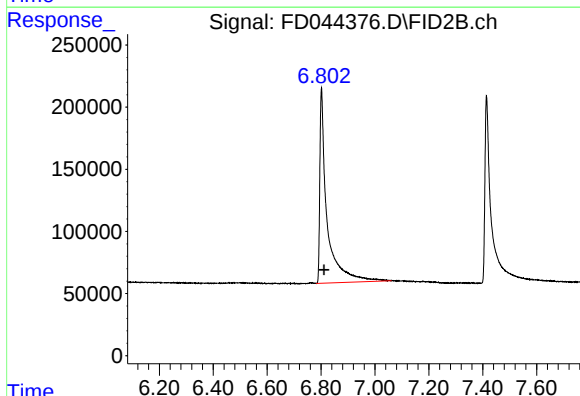
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2022
Supervised By :Ankita Jodhani 11/02/2022



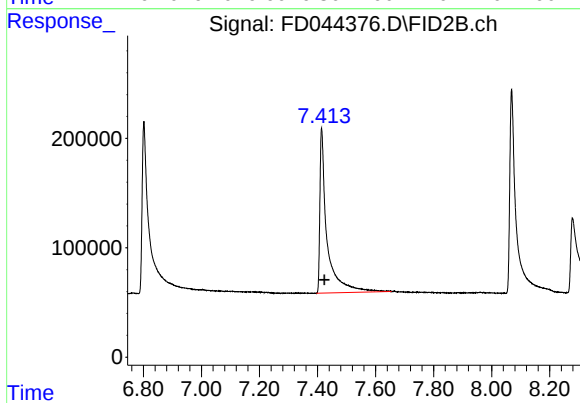
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.010 min
Response: 2891757
Conc: 21.09 ug/ml



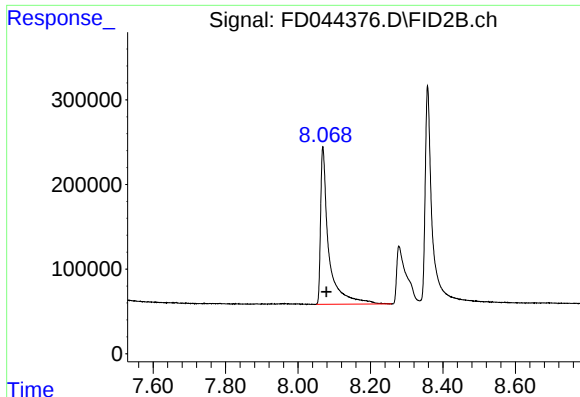
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.009 min
Response: 2935849
Conc: 20.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 2584644
Conc: 20.82 ug/ml



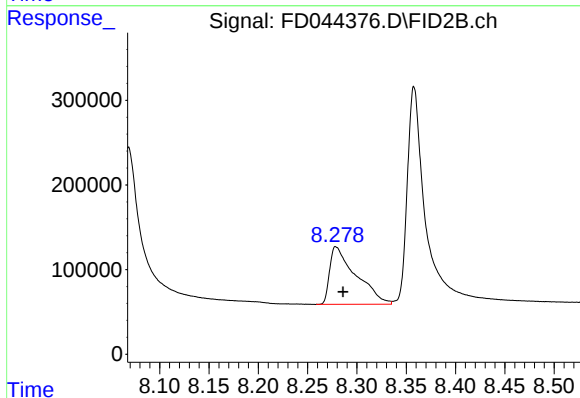
#5 Acenaphthylene (C15.06)

R.T.: 8.069 min
Delta R.T.: -0.009 min
Response: 2914914
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

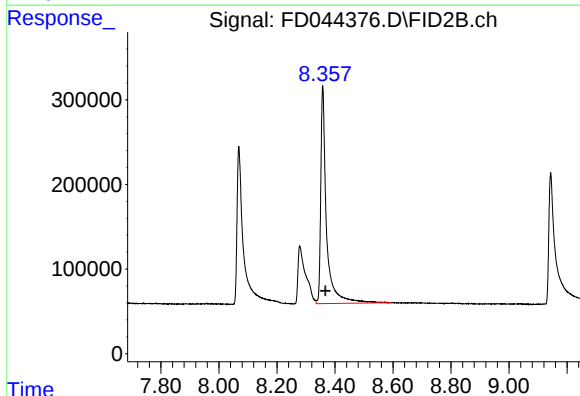
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2022
Supervised By :Ankita Jodhani 11/02/2022



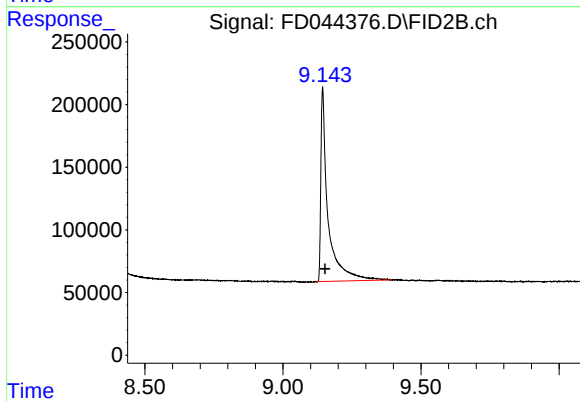
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.280 min
Delta R.T.: -0.006 min
Response: 1261978
Conc: 16.76 ug/ml



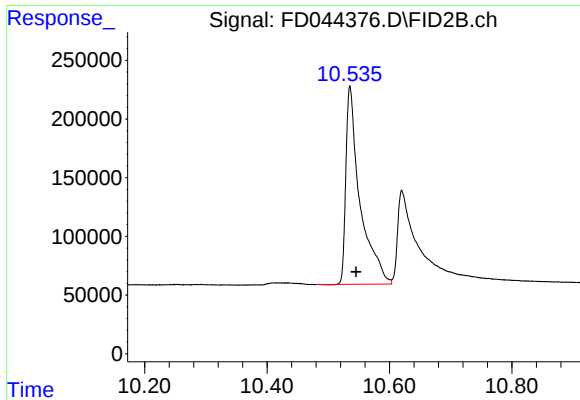
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.010 min
Response: 3547496
Conc: 22.81 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.144 min
Delta R.T.: -0.008 min
Response: 2812559
Conc: 19.99 ug/ml



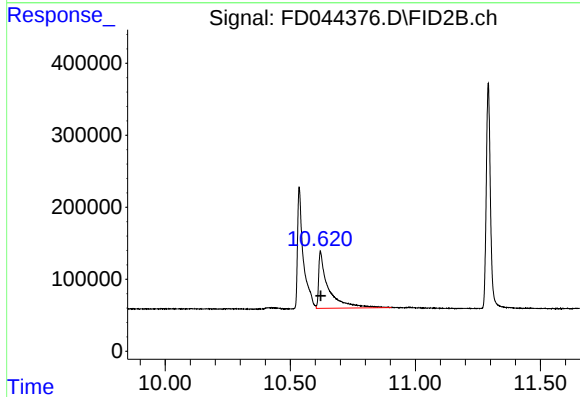
#9 Phenanthrene (C19.36)

R.T.: 10.536 min
Delta R.T.: -0.009 min
Response: 2707088
Conc: 20.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

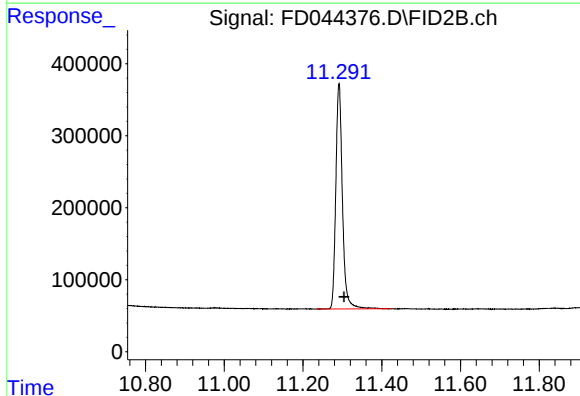
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2022
Supervised By :Ankita Jodhani 11/02/2022



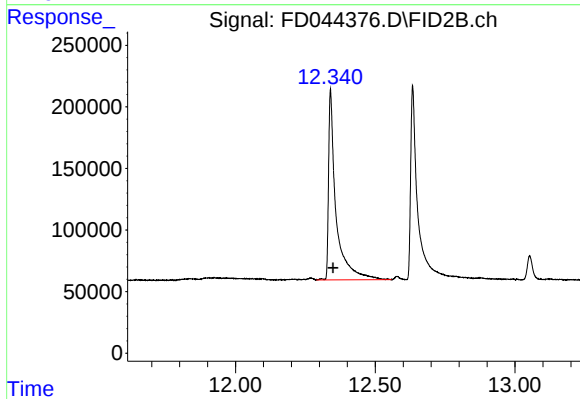
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: 0.000 min
Response: 2154033
Conc: 16.03 ug/ml



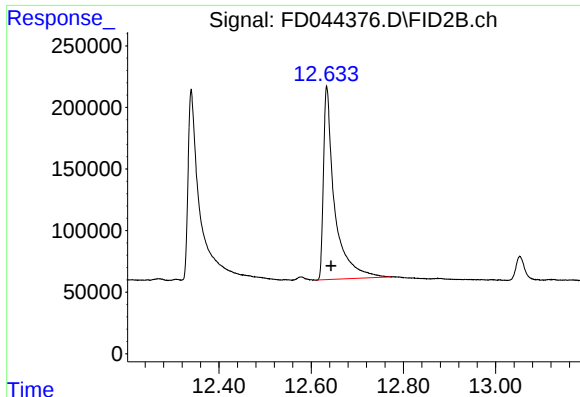
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.013 min
Response: 3650620
Conc: 21.57 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.340 min
Delta R.T.: -0.008 min
Response: 2881602
Conc: 21.58 ug/ml



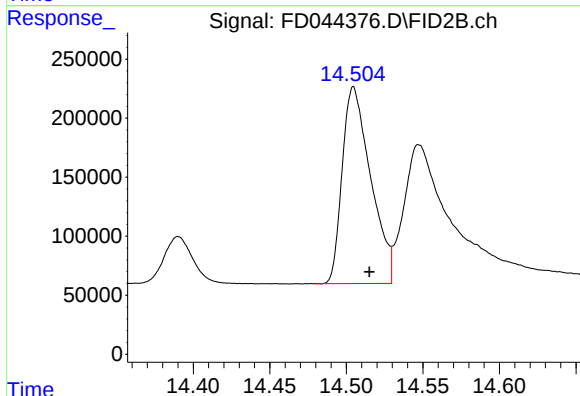
#13 Pyrene (C20.8)

R.T.: 12.633 min
Delta R.T.: -0.010 min
Response: 2628081
Conc: 20.81 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

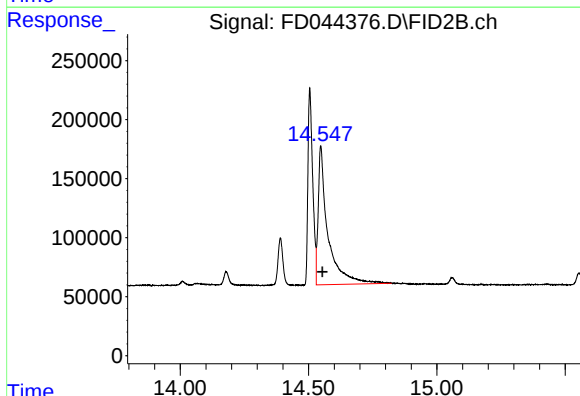
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2022
Supervised By :Ankita Jodhani 11/02/2022



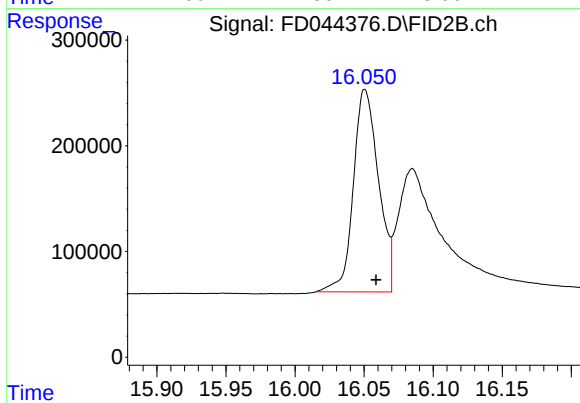
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min
Delta R.T.: -0.010 min
Response: 2148947
Conc: 20.23 ug/ml



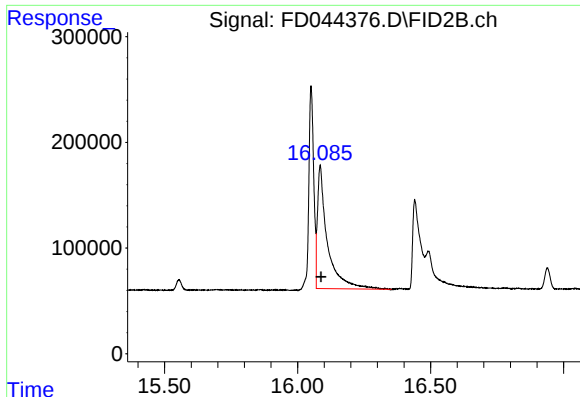
#15 Chrysene (C27.41)

R.T.: 14.548 min
Delta R.T.: -0.007 min
Response: 3122365
Conc: 23.82 ug/ml



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

R.T.: 16.051 min
Delta R.T.: -0.008 min
Response: 2424002
Conc: 21.60 ug/ml



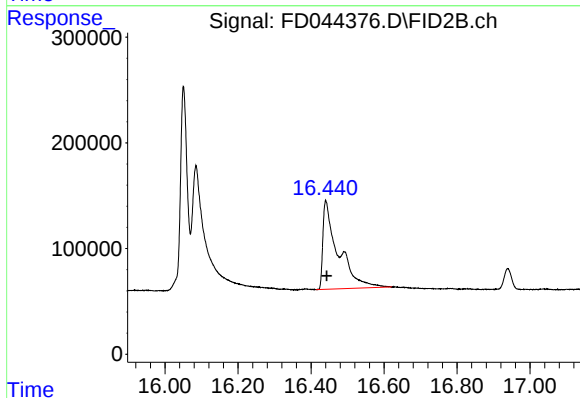
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.085 min
Delta R.T.: -0.004 min
Response: 3038757
Conc: 23.88 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

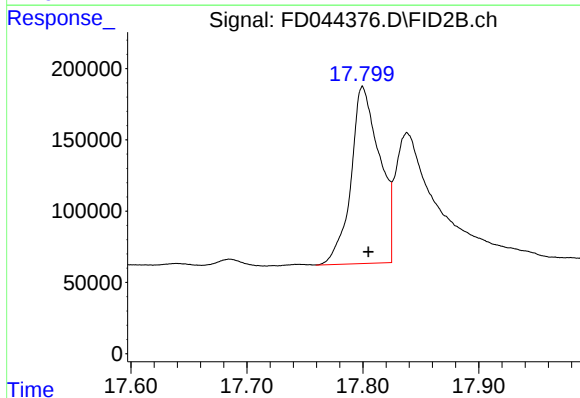
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2022
Supervised By :Ankita Jodhani 11/02/2022



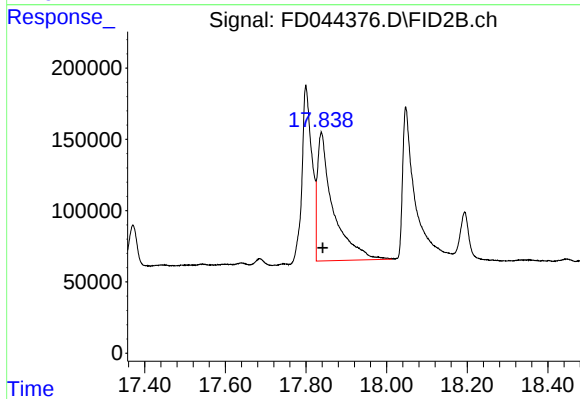
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.440 min
Delta R.T.: -0.004 min
Response: 2449076
Conc: 21.08 ug/ml m



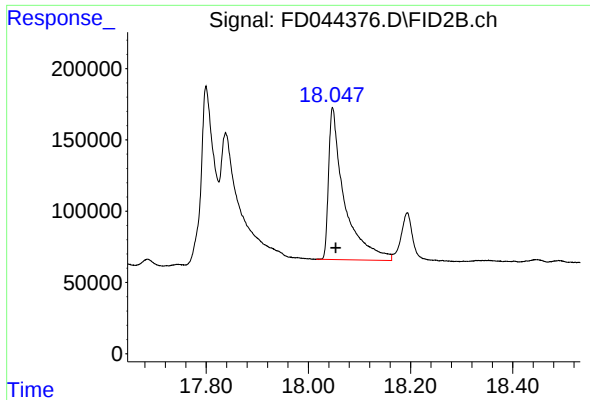
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min
Delta R.T.: -0.005 min
Response: 2155135
Conc: 20.22 ug/ml m



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

R.T.: 17.838 min
Delta R.T.: -0.004 min
Response: 2440750
Conc: 19.73 ug/ml m



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

R.T.: 18.048 min
Delta R.T.: -0.006 min
Response: 2296124
Conc: 19.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2022
Supervised By :Ankita Jodhani 11/02/2022