

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042055.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2022 00:25
 Operator : UA/NP
 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 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 23 01:55:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.332	2769937	19.762 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
6) S 2-Fluorobiphenyl (SURR)	8.184	1491457	20.932 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.86%
11) S ortho-Terphenyl (SURR)	11.205	3300629	19.042 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	3088233	19.837 ug/ml
2) T Naphthalene (C11.7)	5.676	3095298	19.622 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	2751045	19.025 ug/ml
5) T Acenaphthylene (C15.06)	7.981	3127210	18.975 ug/ml
7) T Acenaphthene (C15.5)	8.273	3537593	18.843 ug/ml
8) T Flouorene (C16.55)	9.053	2934115	19.263 ug/ml
9) T Phenanthrene (C19.36)	10.438	2901507	19.540 ug/ml
10) T Anthracene (C19.43)	10.515	3139939	18.756 ug/ml
12) T Fluoranthene (C21.85)	12.239	3008707	19.181 ug/ml
13) T Pyrene (C20.8)	12.531	3115096	19.099 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2431970	20.331 ug/ml
15) T Chrysene (C27.41)	14.442	3356133	18.293 ug/ml
16) T benzo[b]fluoranthene ...	15.947	2594892	19.763 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.977	3171655	18.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	2619076	17.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.690	1967892	19.716 ug/mlm
20) T Dibenz[a,h]anthracene...	17.729	3118452	19.868 ug/ml
21) T Benzo[g,h,i]perylene ...	17.938	2723776	19.668 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
Data File : FD042055.D
Signal(s) : FID2B.CH
Acq On : 23 Apr 2022 00:25
Operator : UA/NP
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

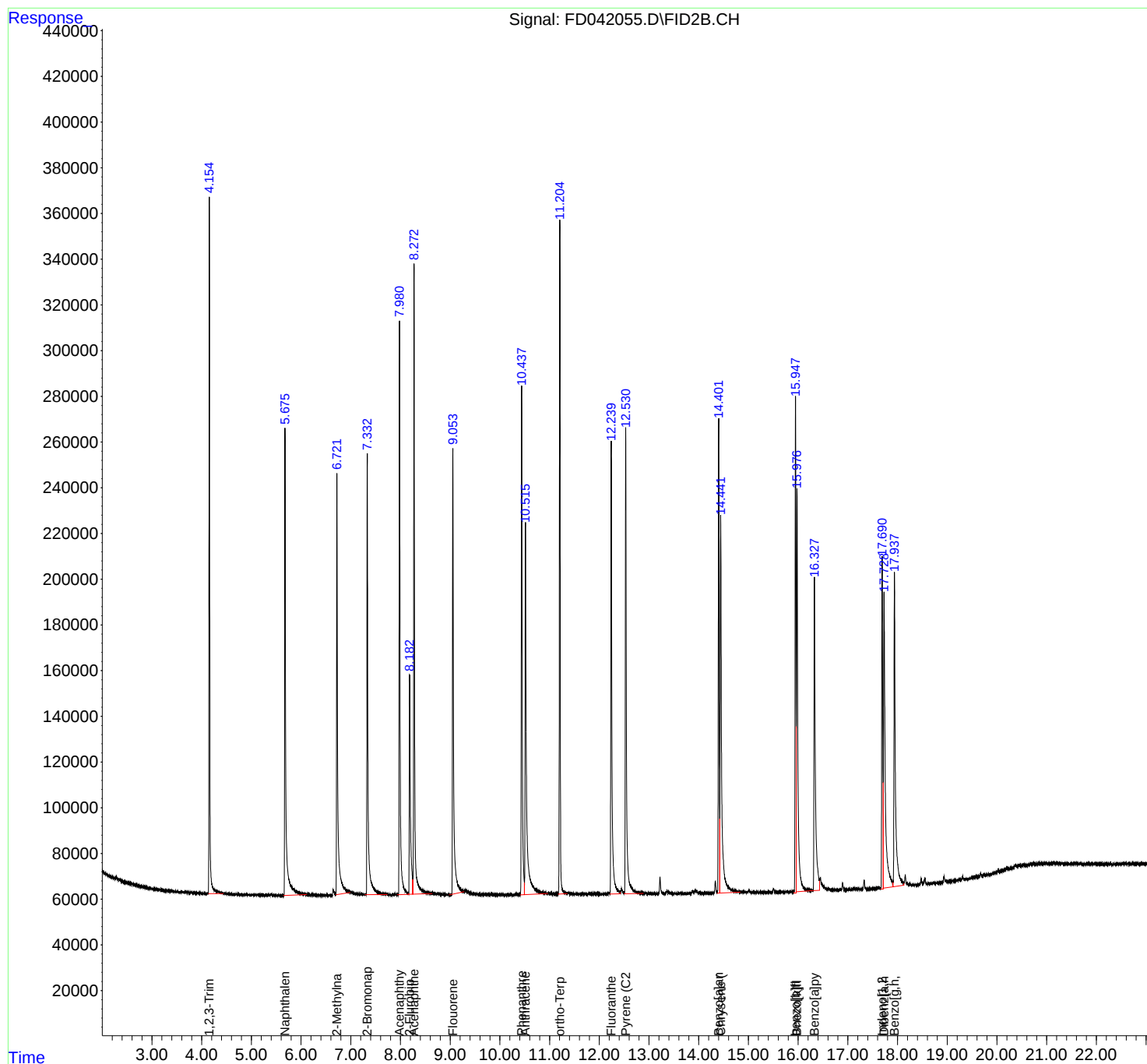
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

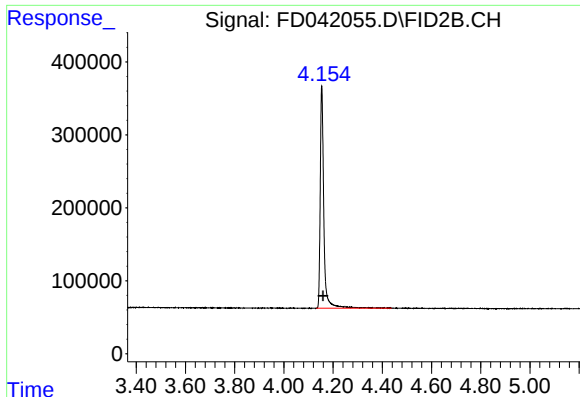
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2022
Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
Quant Time: Apr 23 01:55:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
Quant Title : GC Extractables
QLast Update : Thu Apr 21 17:32:22 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





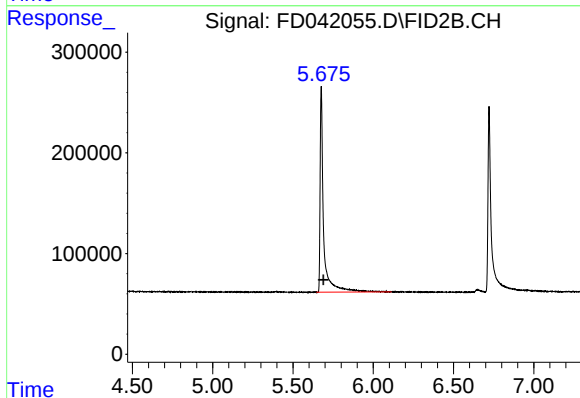
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 3088233
Conc: 19.84 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

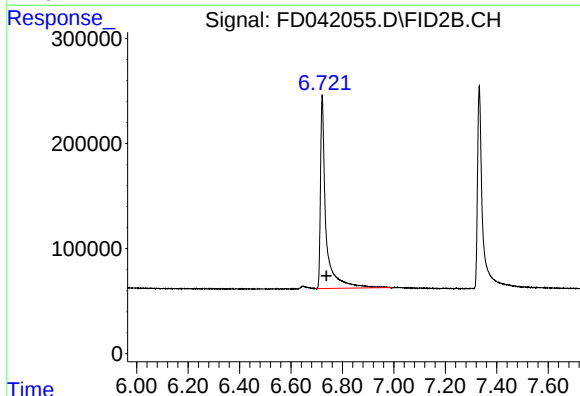
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



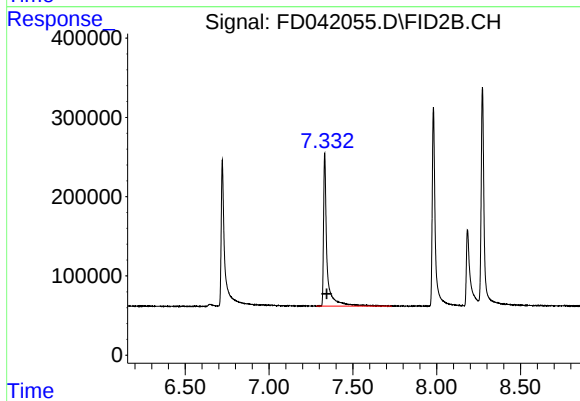
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 3095298
Conc: 19.62 ug/ml



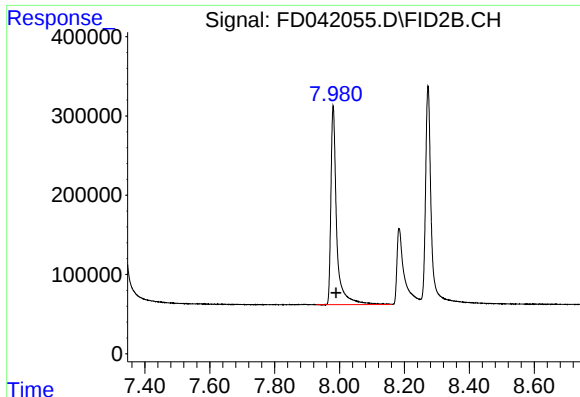
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 2751045
Conc: 19.02 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 2769937
Conc: 19.76 ug/ml



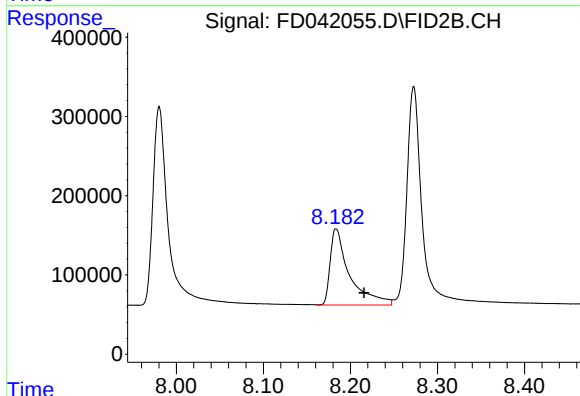
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.009 min
Response: 3127210
Conc: 18.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

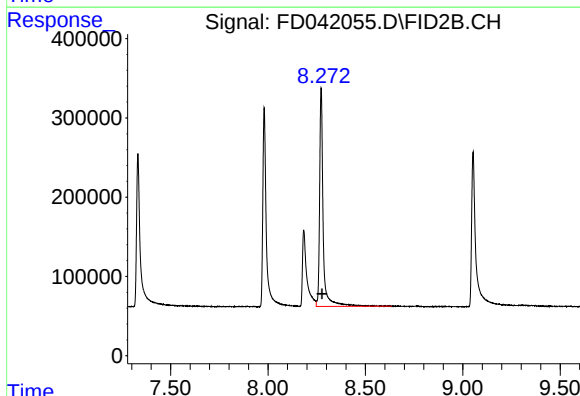
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



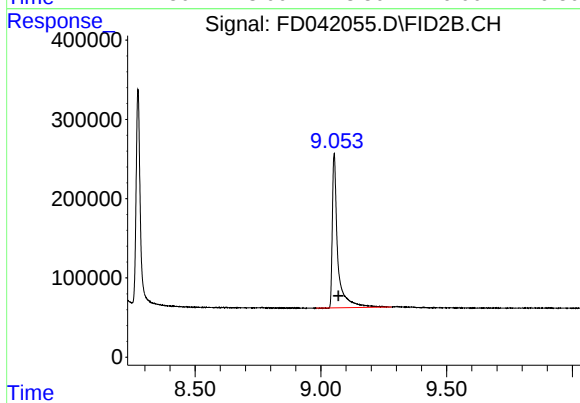
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.032 min
Response: 1491457
Conc: 20.93 ug/ml



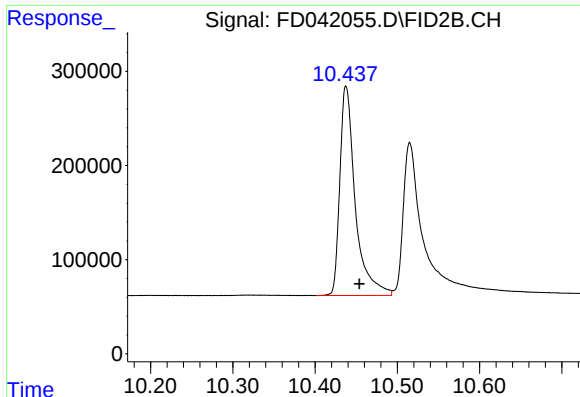
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 3537593
Conc: 18.84 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.016 min
Response: 2934115
Conc: 19.26 ug/ml



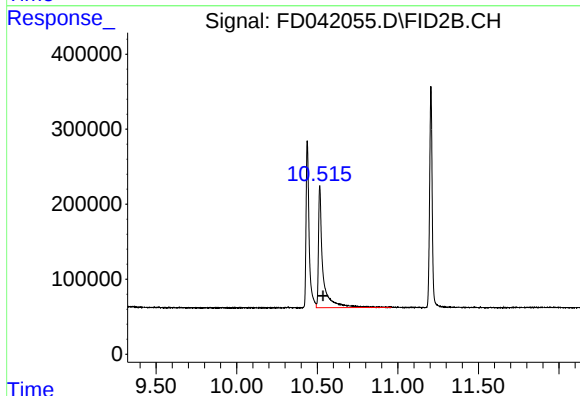
#9 Phenanthrene (C19.36)

R.T.: 10.438 min
Delta R.T.: -0.016 min
Response: 2901507
Conc: 19.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

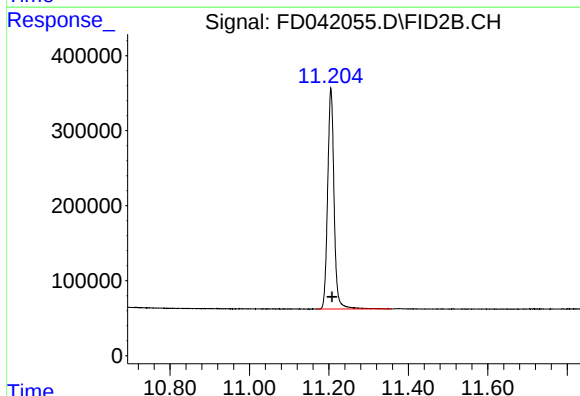
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



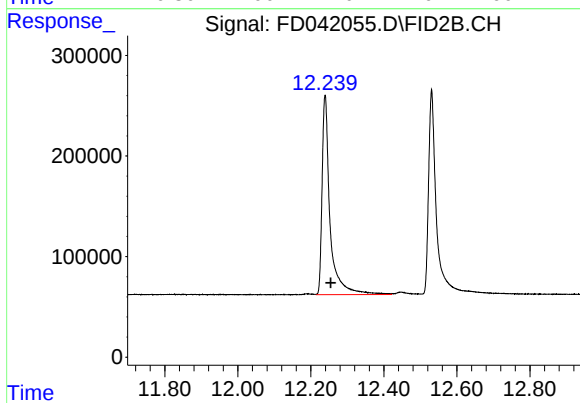
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.021 min
Response: 3139939
Conc: 18.76 ug/ml



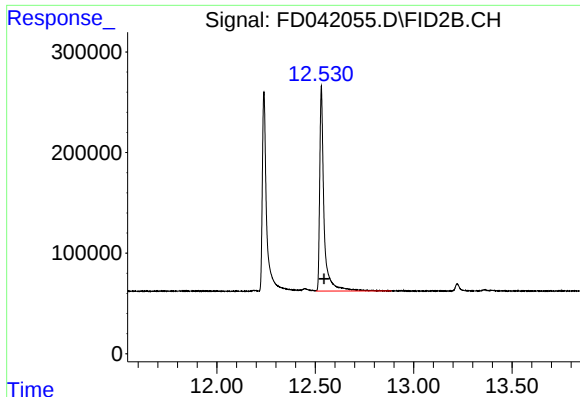
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3300629
Conc: 19.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 3008707
Conc: 19.18 ug/ml



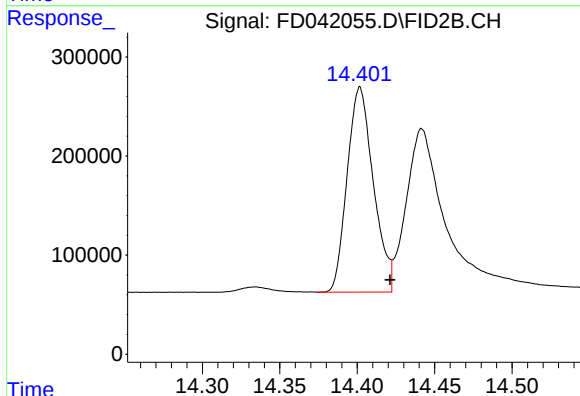
#13 Pyrene (C20.8)

R.T.: 12.531 min
Delta R.T.: -0.014 min
Response: 3115096
Conc: 19.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

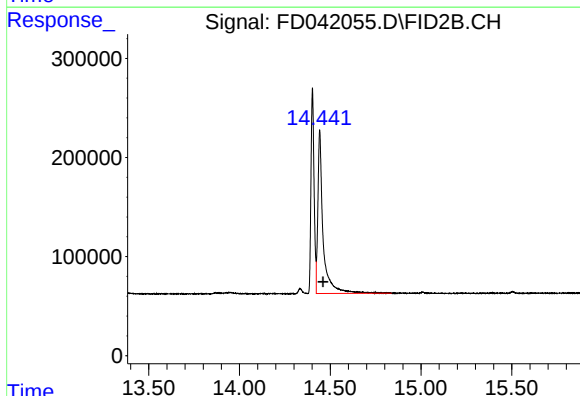
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



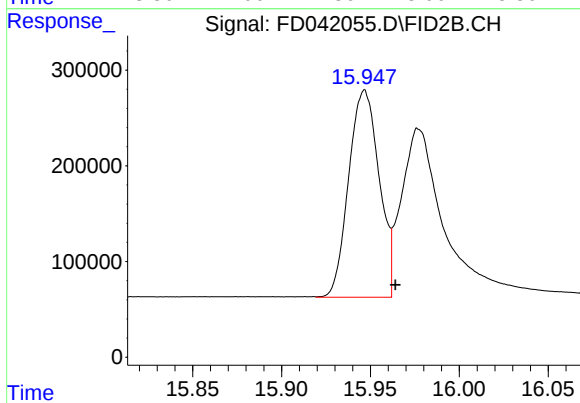
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.019 min
Response: 2431970
Conc: 20.33 ug/ml



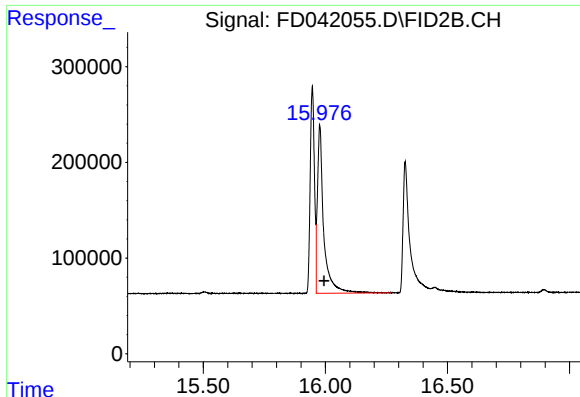
#15 Chrysene (C27.41)

R.T.: 14.442 min
Delta R.T.: -0.018 min
Response: 3356133
Conc: 18.29 ug/ml



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

R.T.: 15.947 min
Delta R.T.: -0.017 min
Response: 2594892
Conc: 19.76 ug/ml m



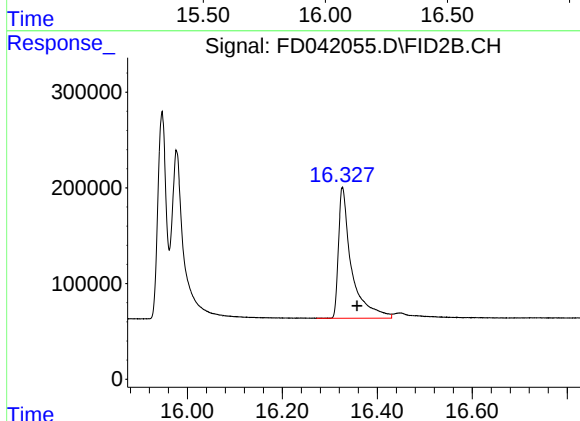
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.977 min
Delta R.T.: -0.018 min
Response: 3171655
Conc: 18.35 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

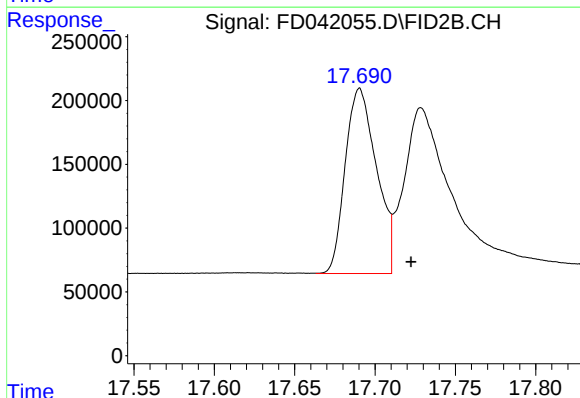
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



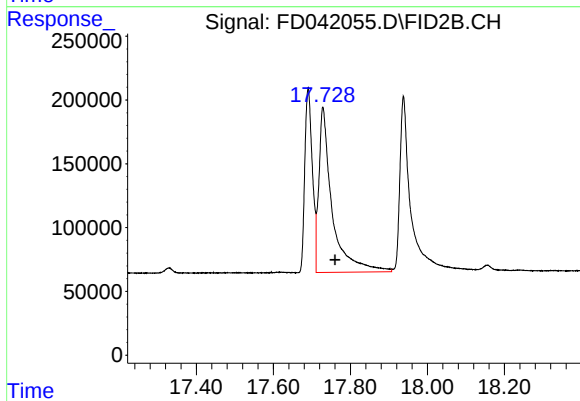
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.327 min
Delta R.T.: -0.030 min
Response: 2619076
Conc: 17.75 ug/ml



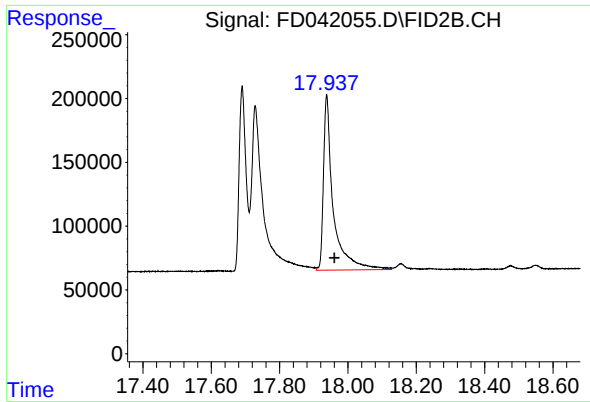
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.690 min
Delta R.T.: -0.032 min
Response: 1967892
Conc: 19.72 ug/ml m



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

R.T.: 17.729 min
Delta R.T.: -0.032 min
Response: 3118452
Conc: 19.87 ug/ml



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

R.T.: 17.938 min
Delta R.T.: -0.022 min
Response: 2723776
Conc: 19.67 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022