

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042271.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 20:03
 Operator : UA/NP
 Sample : N2618-06MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-06MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 04 02:37:23 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...	7.347	6931350	49.451 ug/ml
Spiked Amount 50.000		Recovery =	98.90%
6) S 2-Fluorobiphenyl (SURR)	8.198	4284971	60.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.28%
11) S ortho-Terphenyl (SURR)	11.225	5861424	33.816 ug/ml
Spiked Amount 50.000		Recovery =	67.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	4850409	31.156 ug/mlm
2) T Naphthalene (C11.7)	5.692	5258626	33.335 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	5407779	37.397 ug/ml
5) T Acenaphthylene (C15.06)	7.999	5593835	33.943 ug/ml
7) T Acenaphthene (C15.5)	8.292	6368173	33.919 ug/ml
8) T Flouorene (C16.55)	9.070	6047474	39.704 ug/ml
9) T Phenanthrene (C19.36)	10.457	5821502	39.205 ug/ml
10) T Anthracene (C19.43)	10.533	5965607	35.635 ug/ml
12) T Fluoranthene (C21.85)	12.260	5721889	36.478 ug/ml
13) T Pyrene (C20.8)	12.553	5570887	34.155 ug/ml
14) T Benzo[a]anthracene (C...	14.425	5000414	41.803 ug/ml
15) T Chrysene (C27.41)	14.467	5081174	27.696 ug/ml
16) T benzo[b]fluoranthene ...	15.975	4897584	37.301 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	5389709	31.175 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	4449346	30.156 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.720	4425933	44.342 ug/ml
20) T Dibenz[a,h]anthracene...	17.756	5112457	32.572 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	4633025	33.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
Data File : FD042271.D
Signal(s) : FID2B.CH
Acq On : 03 May 2022 20:03
Operator : UA/NP
Sample : N2618-06MS
Misc :
ALS Vial : 60 Sample Multiplier: 1

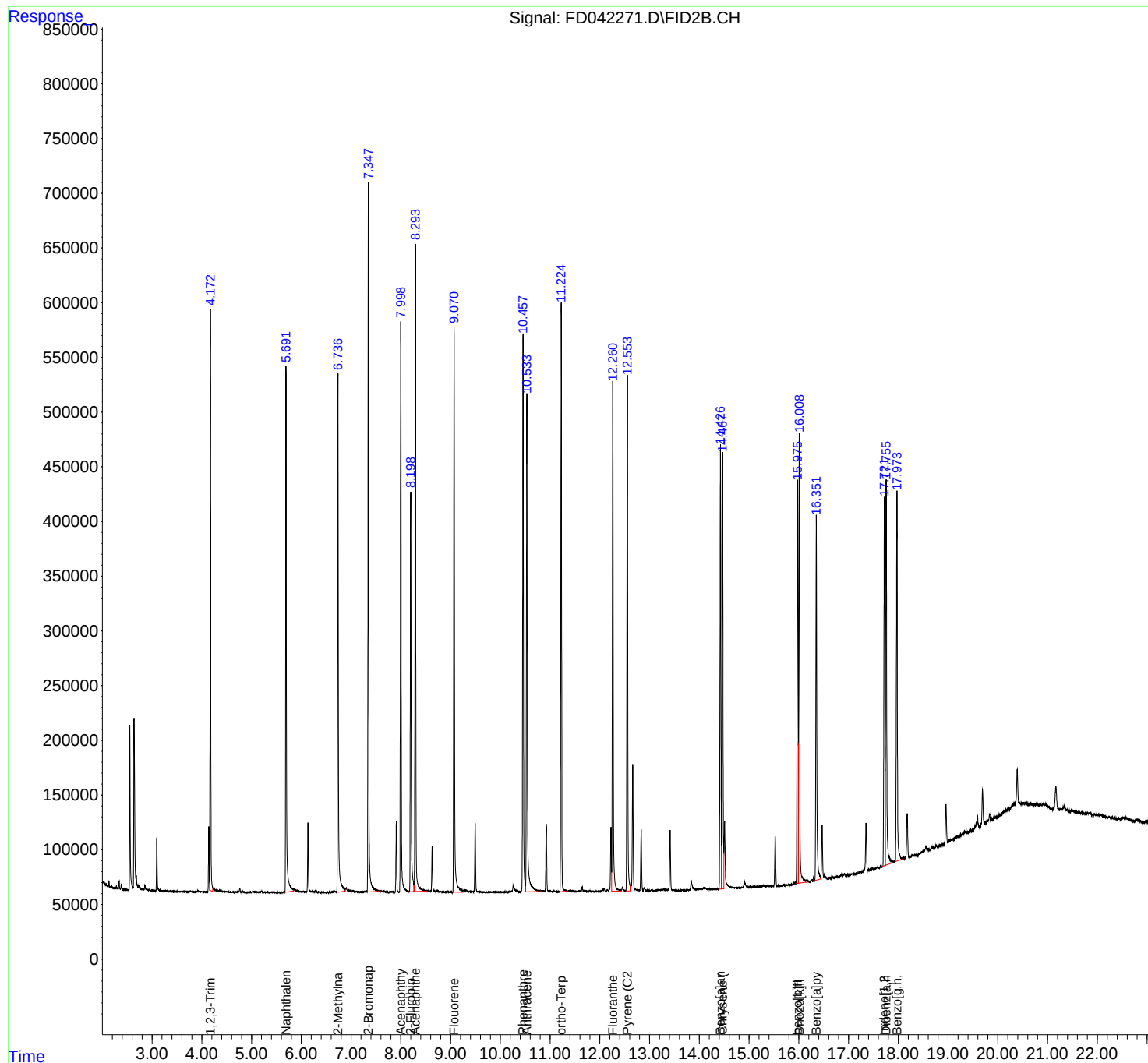
Instrument :
FID_D
ClientSampleId :
SB-06MS

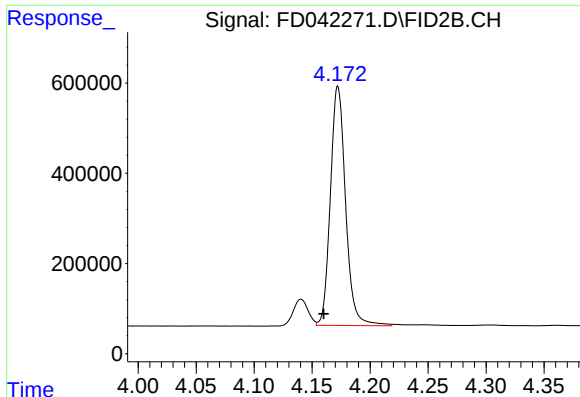
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2022
Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
Quant Time: May 04 02:37:23 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





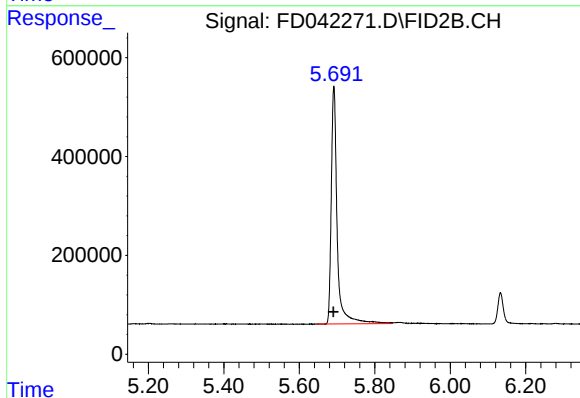
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: 0.012 min
Response: 4850409
Conc: 31.16 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-06MS

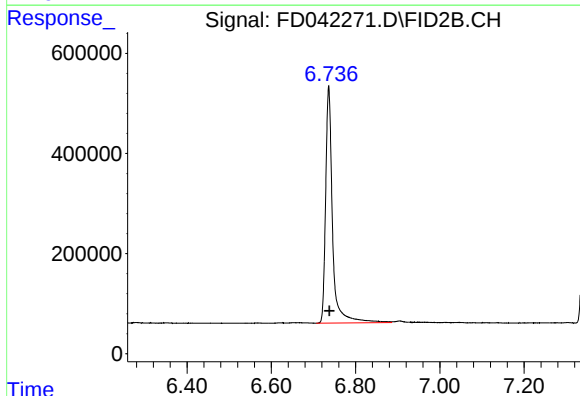
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2022
Supervised By :mohammad ahmed 05/06/2022



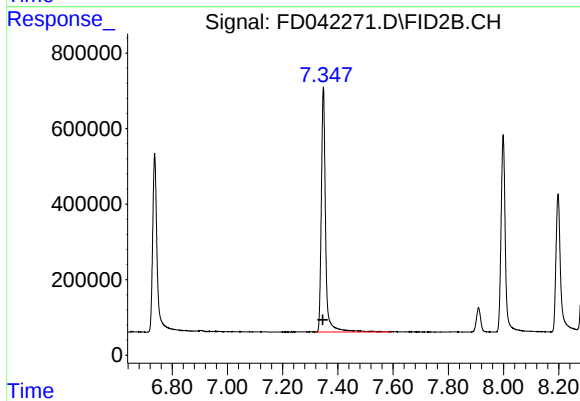
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: 0.001 min
Response: 5258626
Conc: 33.34 ug/ml



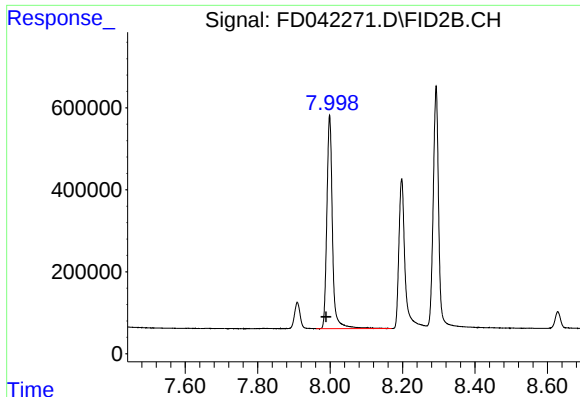
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 5407779
Conc: 37.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 6931350
Conc: 49.45 ug/ml



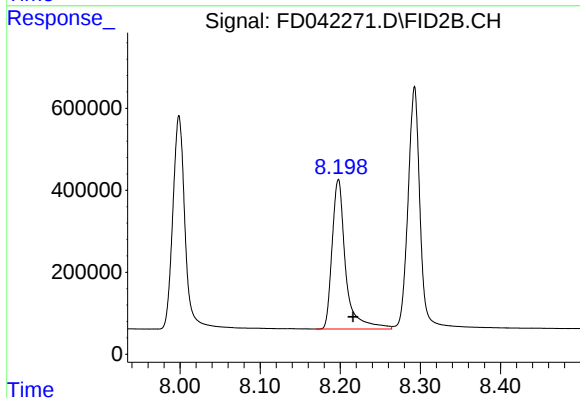
#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: 0.009 min
Response: 5593835
Conc: 33.94 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-06MS

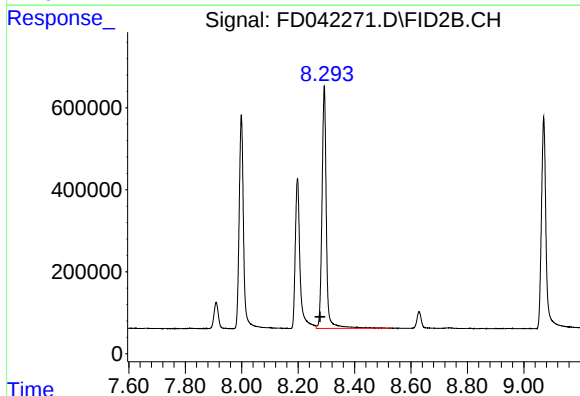
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2022
Supervised By :mohammad ahmed 05/06/2022



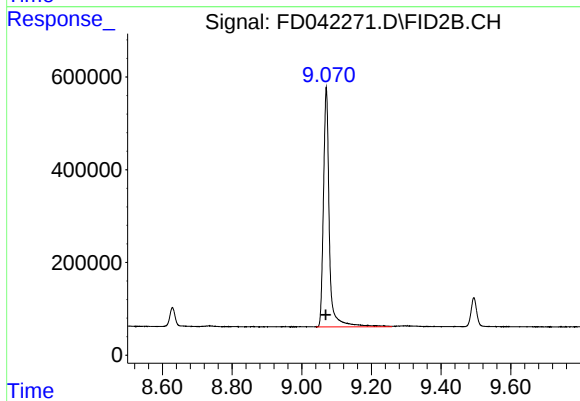
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.018 min
Response: 4284971
Conc: 60.14 ug/ml



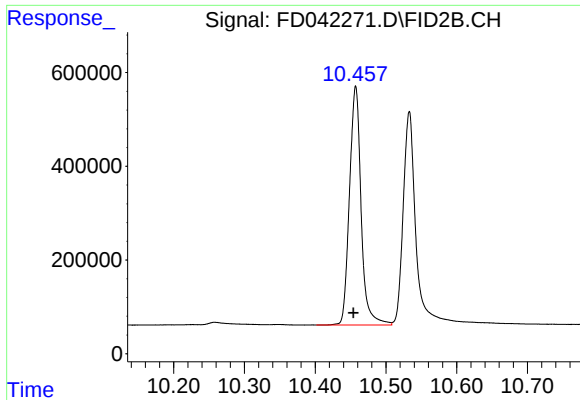
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.014 min
Response: 6368173
Conc: 33.92 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 6047474
Conc: 39.70 ug/ml



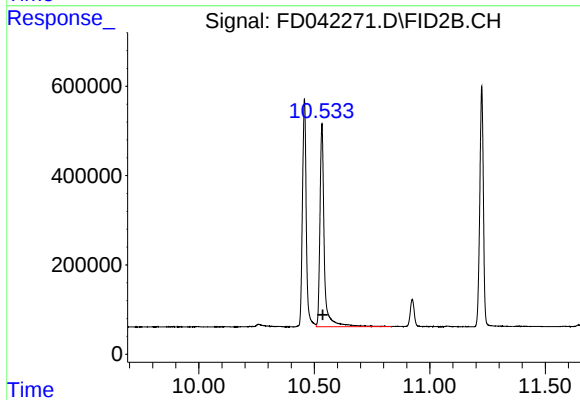
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: 0.003 min
Response: 5821502
Conc: 39.21 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-06MS

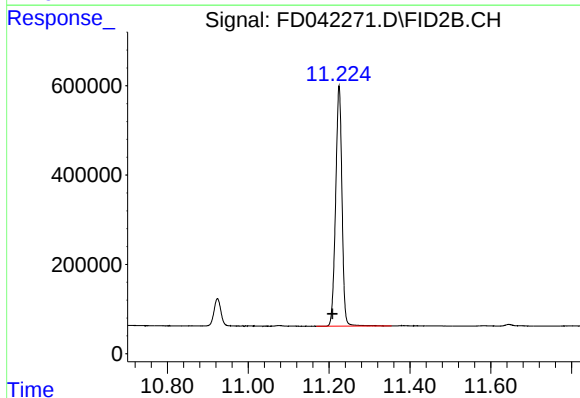
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2022
Supervised By :mohammad ahmed 05/06/2022



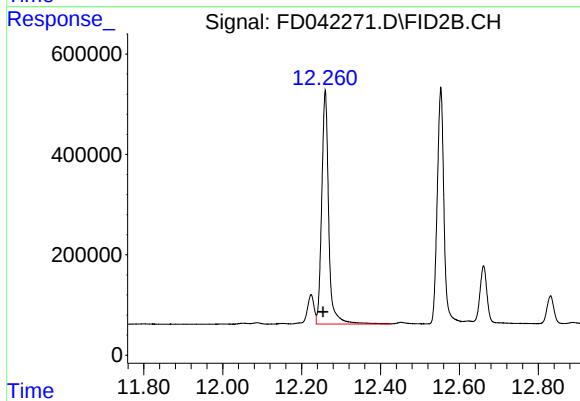
#10 Anthracene (C19.43)

R.T.: 10.533 min
Delta R.T.: -0.004 min
Response: 5965607
Conc: 35.63 ug/ml



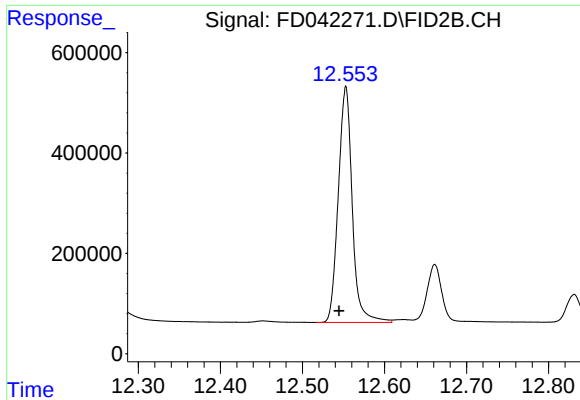
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: 0.017 min
Response: 5861424
Conc: 33.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: 0.005 min
Response: 5721889
Conc: 36.48 ug/ml



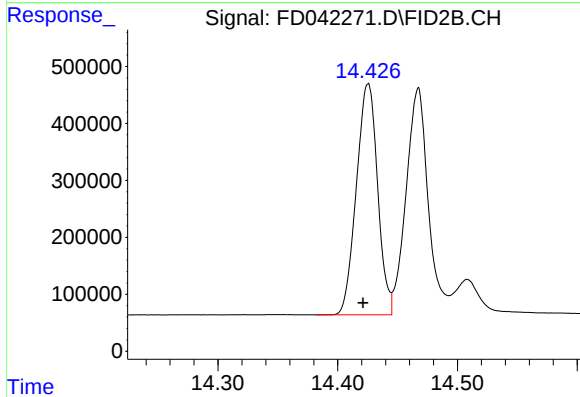
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: 0.008 min
Response: 5570887
Conc: 34.16 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-06MS

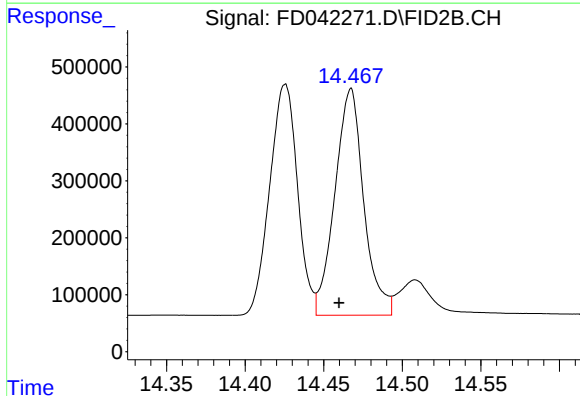
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2022
Supervised By :mohammad ahmed 05/06/2022



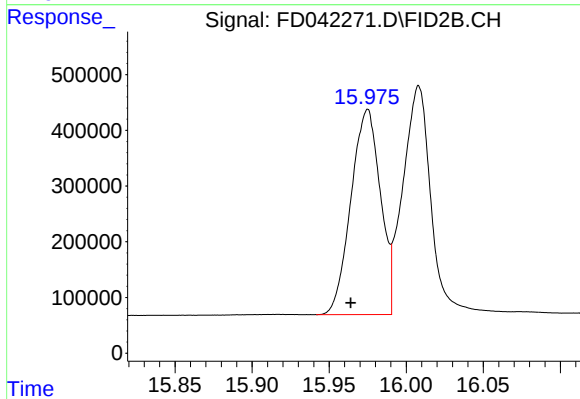
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.425 min
Delta R.T.: 0.004 min
Response: 5000414
Conc: 41.80 ug/ml



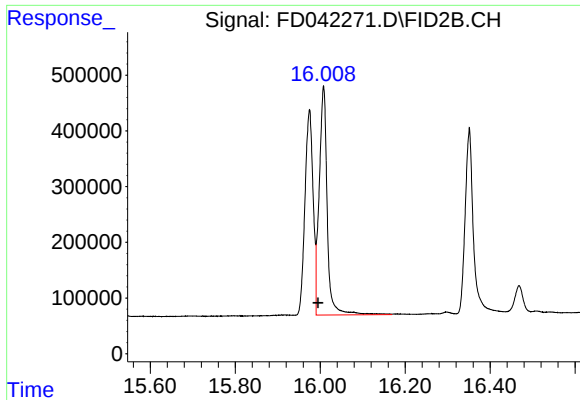
#15 Chrysene (C27.41)

R.T.: 14.467 min
Delta R.T.: 0.007 min
Response: 5081174
Conc: 27.70 ug/ml



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

R.T.: 15.975 min
Delta R.T.: 0.011 min
Response: 4897584
Conc: 37.30 ug/ml



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

R.T.: 16.008 min
Delta R.T.: 0.013 min
Response: 5389709
Conc: 31.18 ug/ml

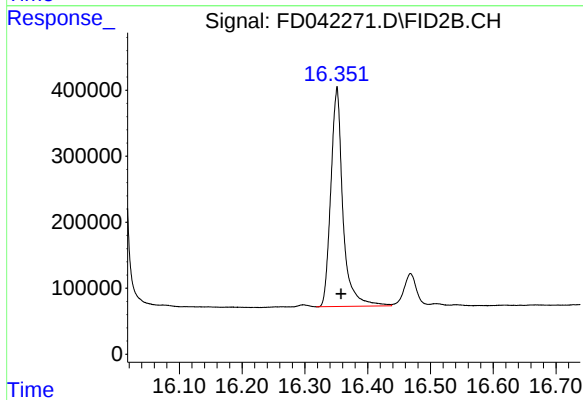
Instrument :

FID_D

ClientSampleId :
SB-06MS

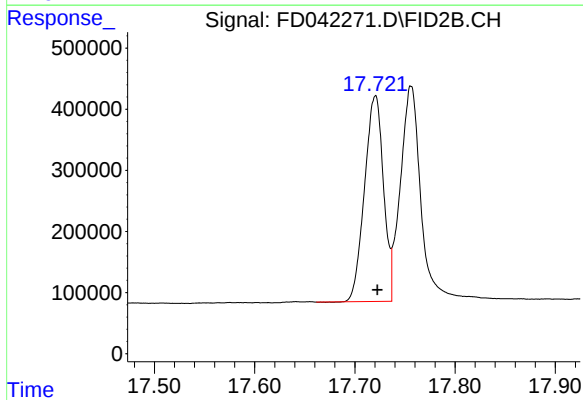
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2022
Supervised By :mohammad ahmed 05/06/2022



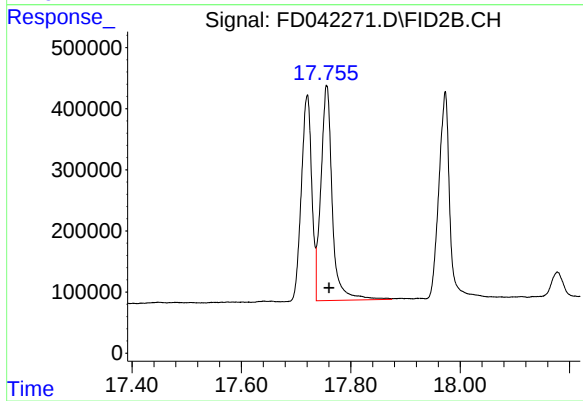
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.351 min
Delta R.T.: -0.007 min
Response: 4449346
Conc: 30.16 ug/ml



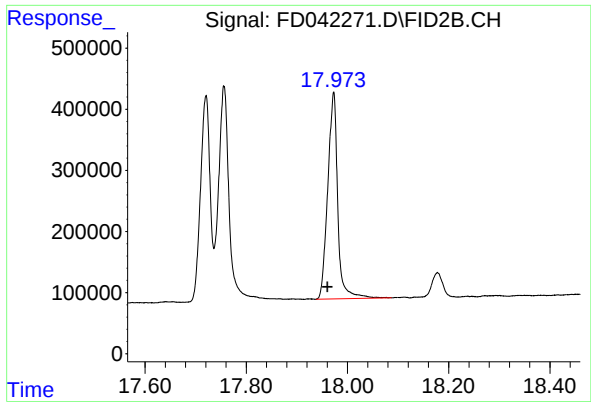
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: -0.002 min
Response: 4425933
Conc: 44.34 ug/ml



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

R.T.: 17.756 min
Delta R.T.: -0.005 min
Response: 5112457
Conc: 32.57 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.012 min
Response: 4633025
Conc: 33.45 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-06MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2022
Supervised By :mohammad ahmed 05/06/2022