

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110424AR\
 Data File : FF014924.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2024 20:11
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 05 01:28:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:14:53 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...	7.990	2752270	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
6) S 2-Fluorobiphenyl (SURR)	8.863	1844065	19.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.11%
11) S ortho-Terphenyl (SURR)	11.925	3093839	19.339 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	3149361	20.704 ug/ml
2) T Naphthalene (C11.7)	6.272	3234756	20.210 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	3246935	20.070 ug/ml
5) T Acenaphthylene (C15.06)	8.665	3114237	19.659 ug/ml
7) T Acenaphthene (C15.5)	8.963	3138495	19.781 ug/ml
8) T Flouorene (C16.55)	9.751	3053015	19.350 ug/ml
9) T Phenanthrene (C19.36)	11.156	3005882	19.094 ug/ml
10) T Anthracene (C19.43)	11.230	2494044	16.580 ug/ml
12) T Fluoranthene (C21.85)	12.975	2913410	18.487 ug/ml
13) T Pyrene (C20.8)	13.274	2879202	18.466 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2697025	17.748 ug/ml
15) T Chrysene (C27.41)	15.195	2765607	17.895 ug/ml
16) T benzo[b]fluoranthene ...	16.708	2777655	18.168 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2641493	18.285 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.088	2708539	18.146 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.456	2561100	18.674 ug/ml
20) T Dibenz[a,h]anthracene...	18.496	2698235	18.573 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.714	2795670	19.569 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110424AR\
Data File : FF014924.D
Signal(s) : FID2B.ch
Acq On : 04 Nov 2024 20:11
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

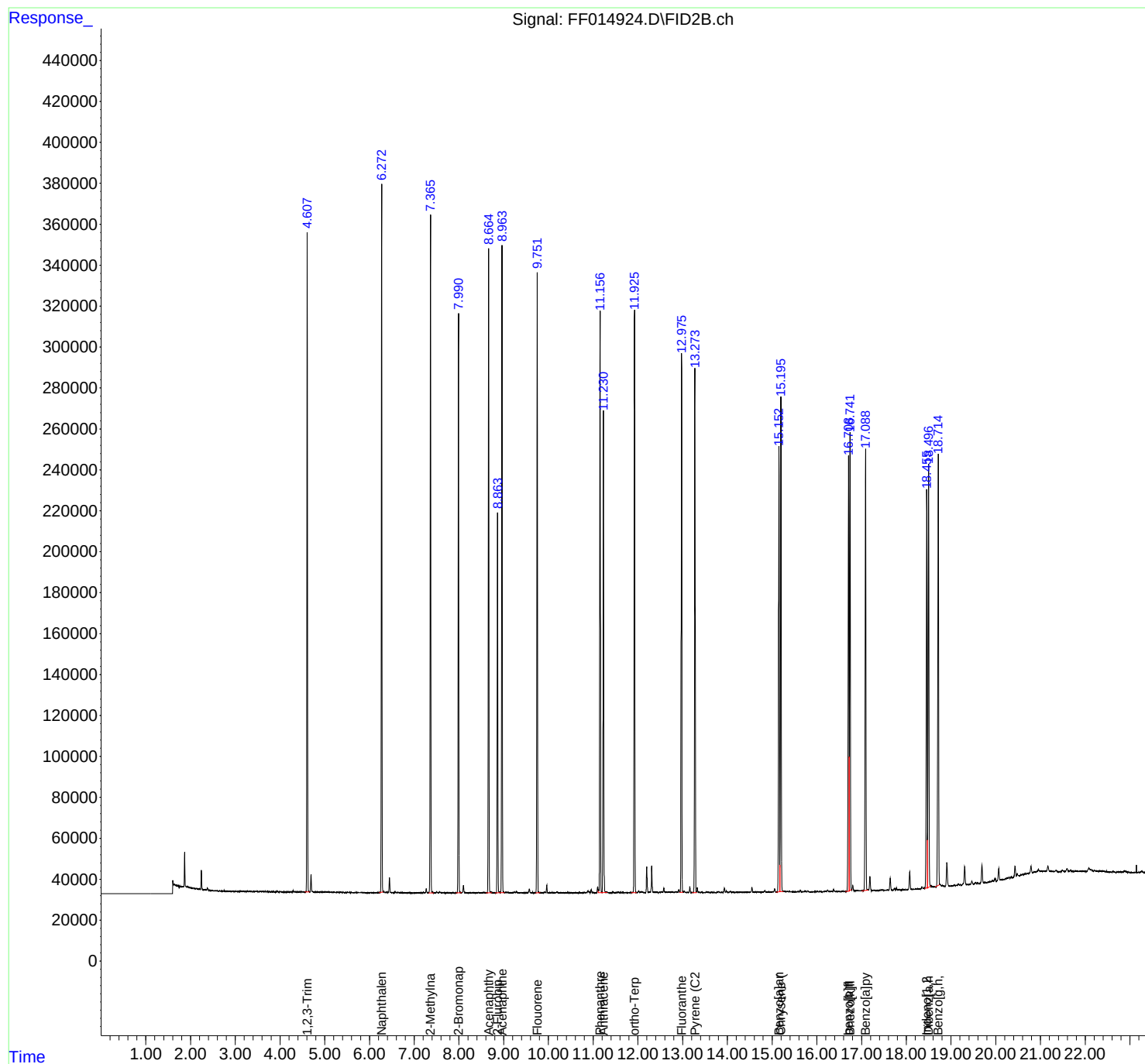
Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

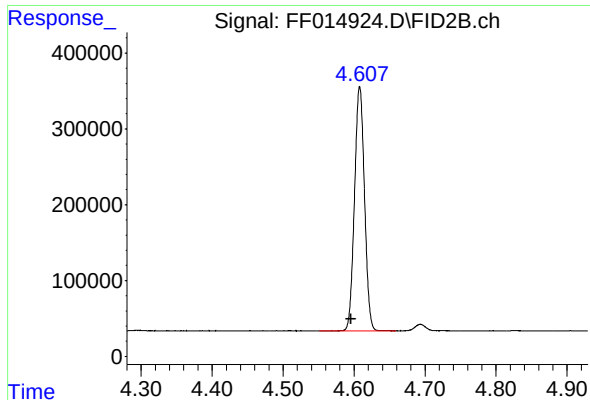
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
Quant Time: Nov 05 01:28:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 04:14:53 2024
Response via : Initial Calibration
Integrator: ChemStation

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





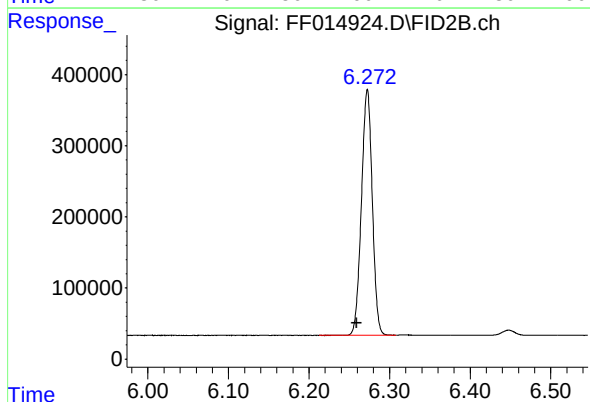
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.608 min
Delta R.T.: 0.012 min
Response: 3149361
Conc: 20.70 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

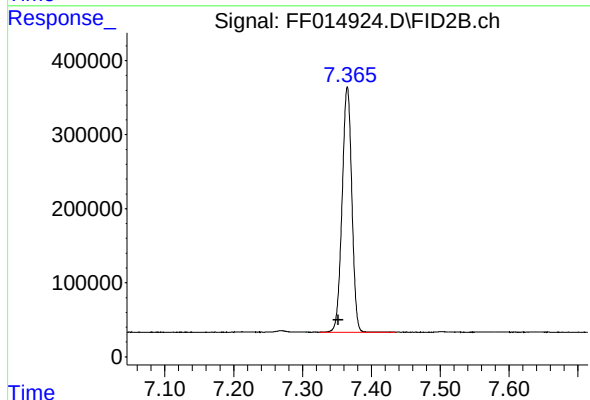
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024



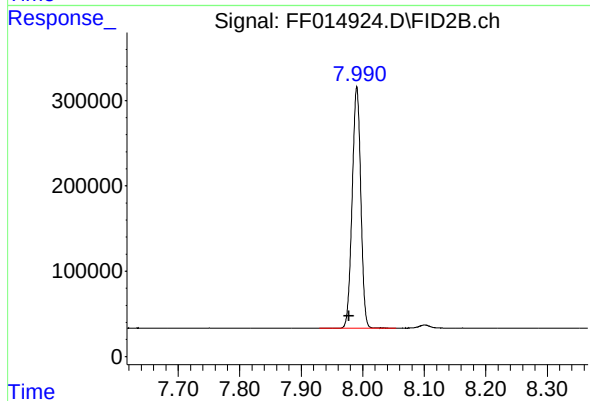
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.013 min
Response: 3234756
Conc: 20.21 ug/ml



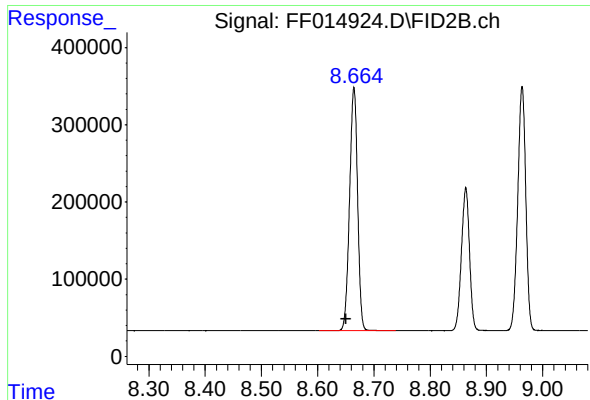
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.013 min
Response: 3246935
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.990 min
Delta R.T.: 0.013 min
Response: 2752270
Conc: 19.74 ug/ml



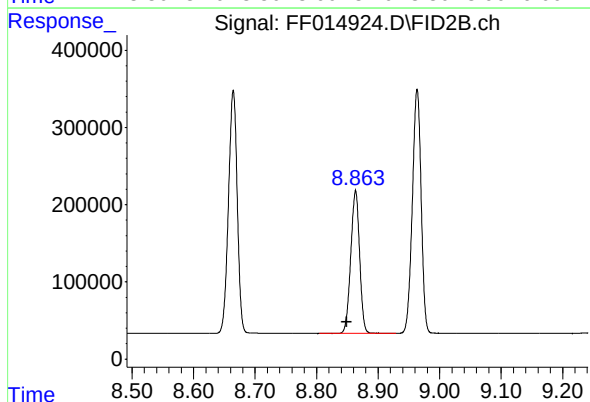
#5 Acenaphthylene (C15.06)

R.T.: 8.665 min
Delta R.T.: 0.014 min
Response: 3114237
Conc: 19.66 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

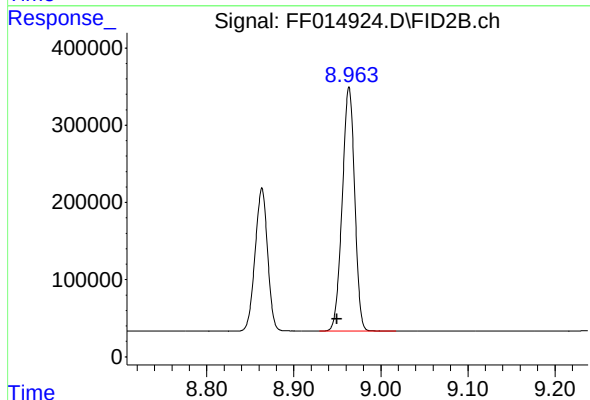
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024



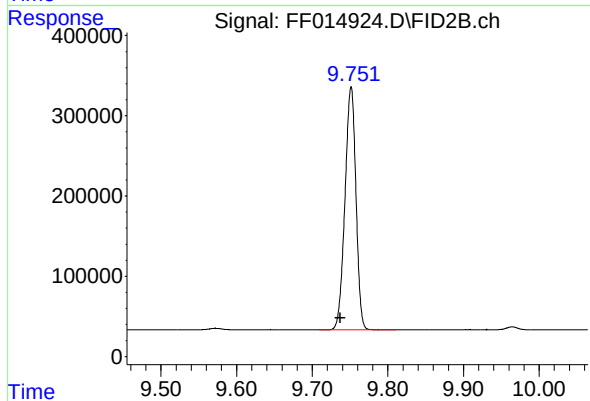
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.014 min
Response: 1844065
Conc: 19.55 ug/ml



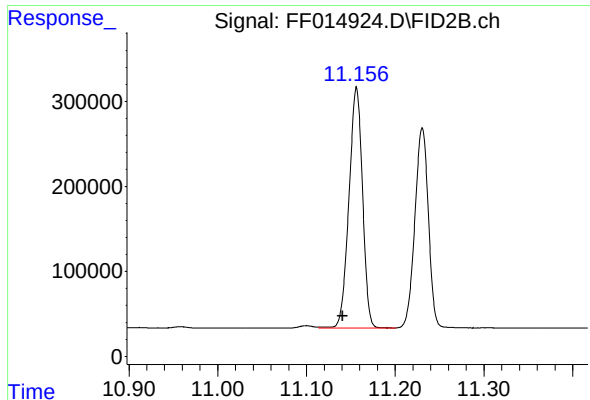
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.014 min
Response: 3138495
Conc: 19.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.751 min
Delta R.T.: 0.014 min
Response: 3053015
Conc: 19.35 ug/ml



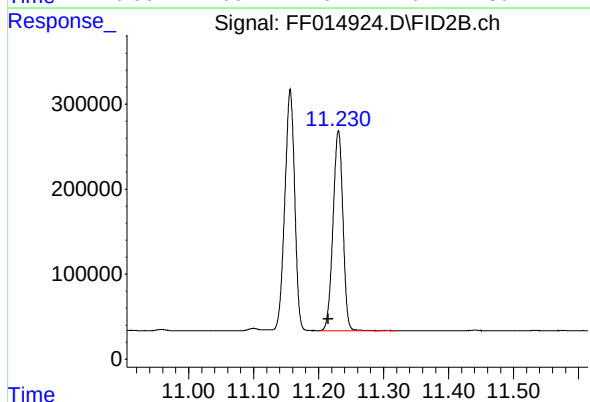
#9 Phenanthrene (C19.36)

R.T.: 11.156 min
Delta R.T.: 0.015 min
Response: 3005882
Conc: 19.09 ug/ml

Instrument : FID_F
ClientSampleId : 20 PPM AROMATIC HC STD

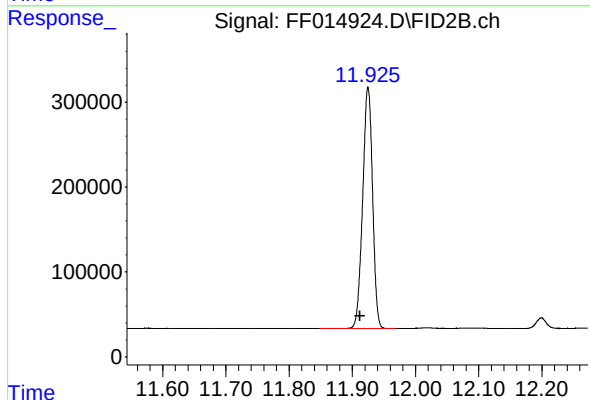
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024



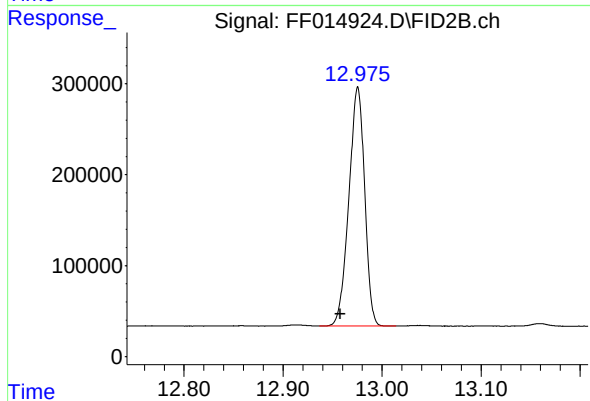
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.015 min
Response: 2494044
Conc: 16.58 ug/ml



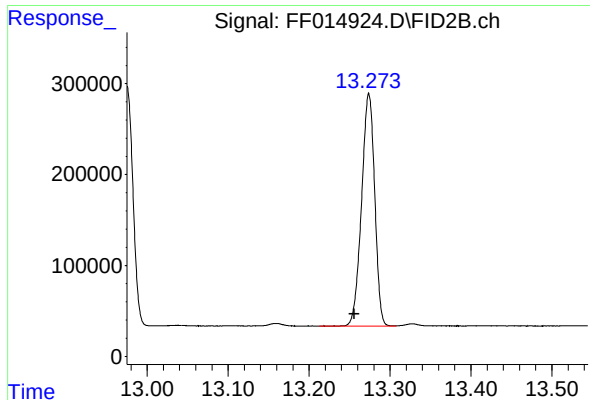
#11 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: 0.013 min
Response: 3093839
Conc: 19.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.975 min
Delta R.T.: 0.018 min
Response: 2913410
Conc: 18.49 ug/ml



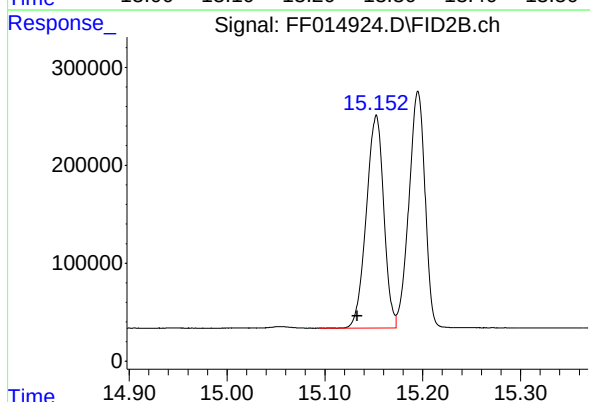
#13 Pyrene (C20.8)

R.T.: 13.274 min
Delta R.T.: 0.018 min
Response: 2879202
Conc: 18.47 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

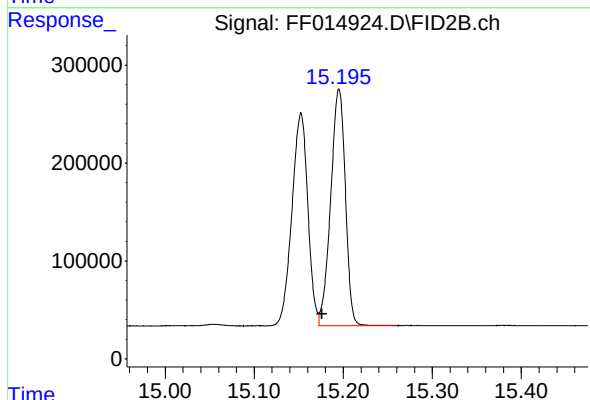
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024



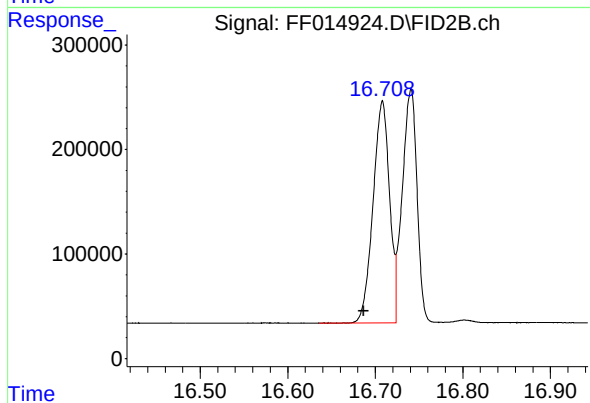
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.019 min
Response: 2697025
Conc: 17.75 ug/ml



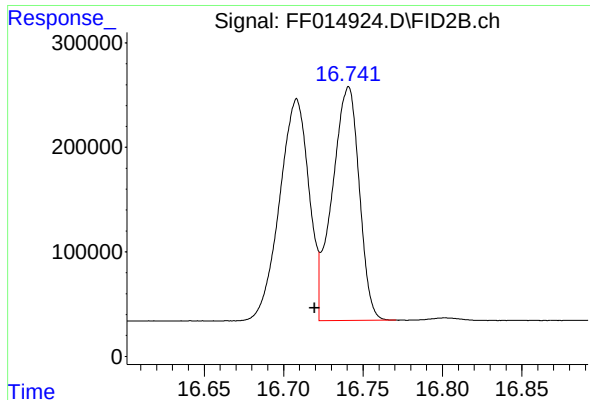
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.019 min
Response: 2765607
Conc: 17.90 ug/ml



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

R.T.: 16.708 min
Delta R.T.: 0.021 min
Response: 2777655
Conc: 18.17 ug/ml



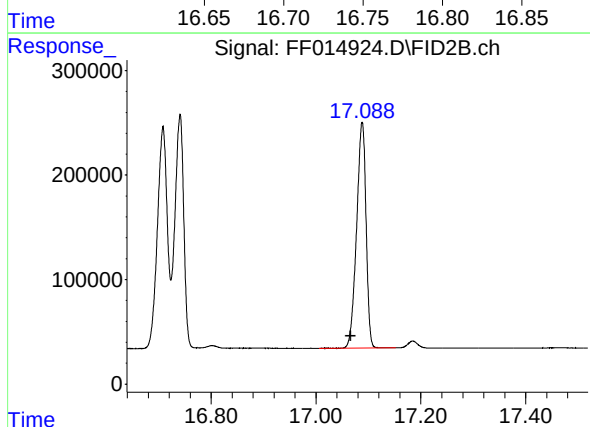
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.741 min
Delta R.T.: 0.021 min
Response: 2641493
Conc: 18.28 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD

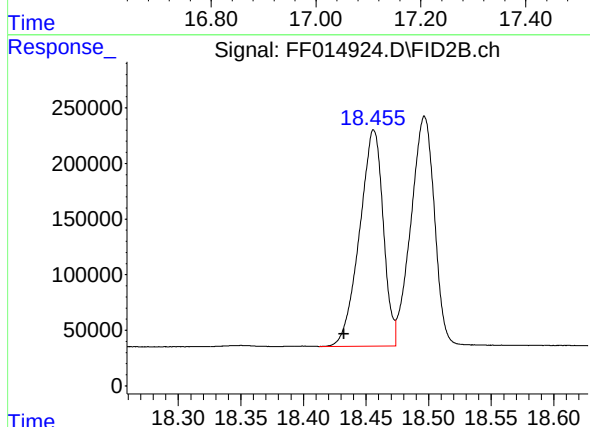
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024



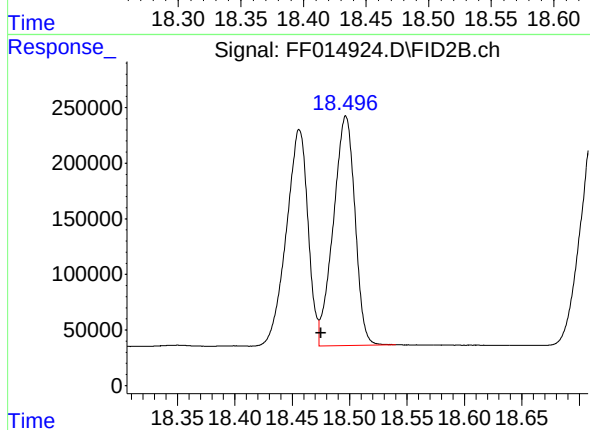
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.088 min
Delta R.T.: 0.022 min
Response: 2708539
Conc: 18.15 ug/ml



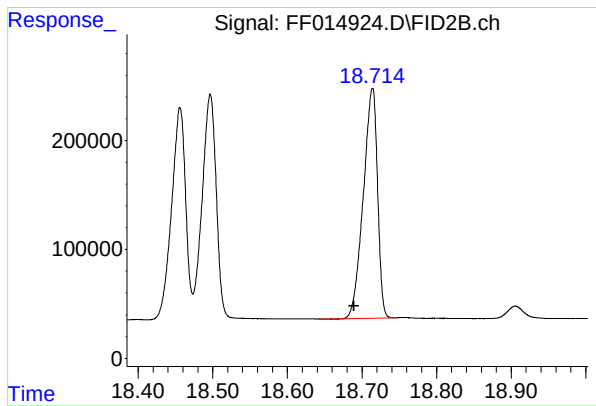
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.456 min
Delta R.T.: 0.023 min
Response: 2561100
Conc: 18.67 ug/ml



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

R.T.: 18.496 min
Delta R.T.: 0.021 min
Response: 2698235
Conc: 18.57 ug/ml m



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

R.T.: 18.714 min
Delta R.T.: 0.024 min
Response: 2795670
Conc: 19.57 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :Ankita Jodhani 11/06/2024