

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111422AR\
 Data File : FD044441.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2022 10:02
 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 11/15/2022
 Supervised By :Ankita Jodhani 11/15/2022

Integration File: autoint1.e
 Quant Time: Nov 14 12:42:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 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...	7.694	2751296	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.553	1884705	20.097 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.19%
11) S ortho-Terphenyl (SURR)	11.588	3466407	20.204 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2961714	20.319 ug/ml
2) T Naphthalene (C11.7)	6.037	3166781	20.339 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	3198798	20.247 ug/ml
5) T Acenaphthylene (C15.06)	8.358	2928050	19.417 ug/ml
7) T Acenaphthene (C15.5)	8.652	3121928	20.176 ug/ml
8) T Flouorene (C16.55)	9.430	3098419	20.147 ug/ml
9) T Phenanthrene (C19.36)	10.823	3044158	20.243 ug/ml
10) T Anthracene (C19.43)	10.897	2642402	18.035 ug/ml
12) T Fluoranthene (C21.85)	12.627	3063721	20.160 ug/ml
13) T Pyrene (C20.8)	12.923	3005180	20.216 ug/mlm
14) T Benzo[a]anthracene (C...	14.786	2777795	19.846 ug/mlm
15) T Chrysene (C27.41)	14.829	2990427	20.419 ug/ml
16) T benzo[b]fluoranthene ...	16.328	2946845	20.490 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.361	2886800	20.304 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.705	2745025	19.621 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	2706652	19.850 ug/mlm
20) T Dibenz[a,h]anthracene...	18.102	3012127	22.362 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314f	2748810	20.136 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111422AR\
Data File : FD044441.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2022 10:02
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

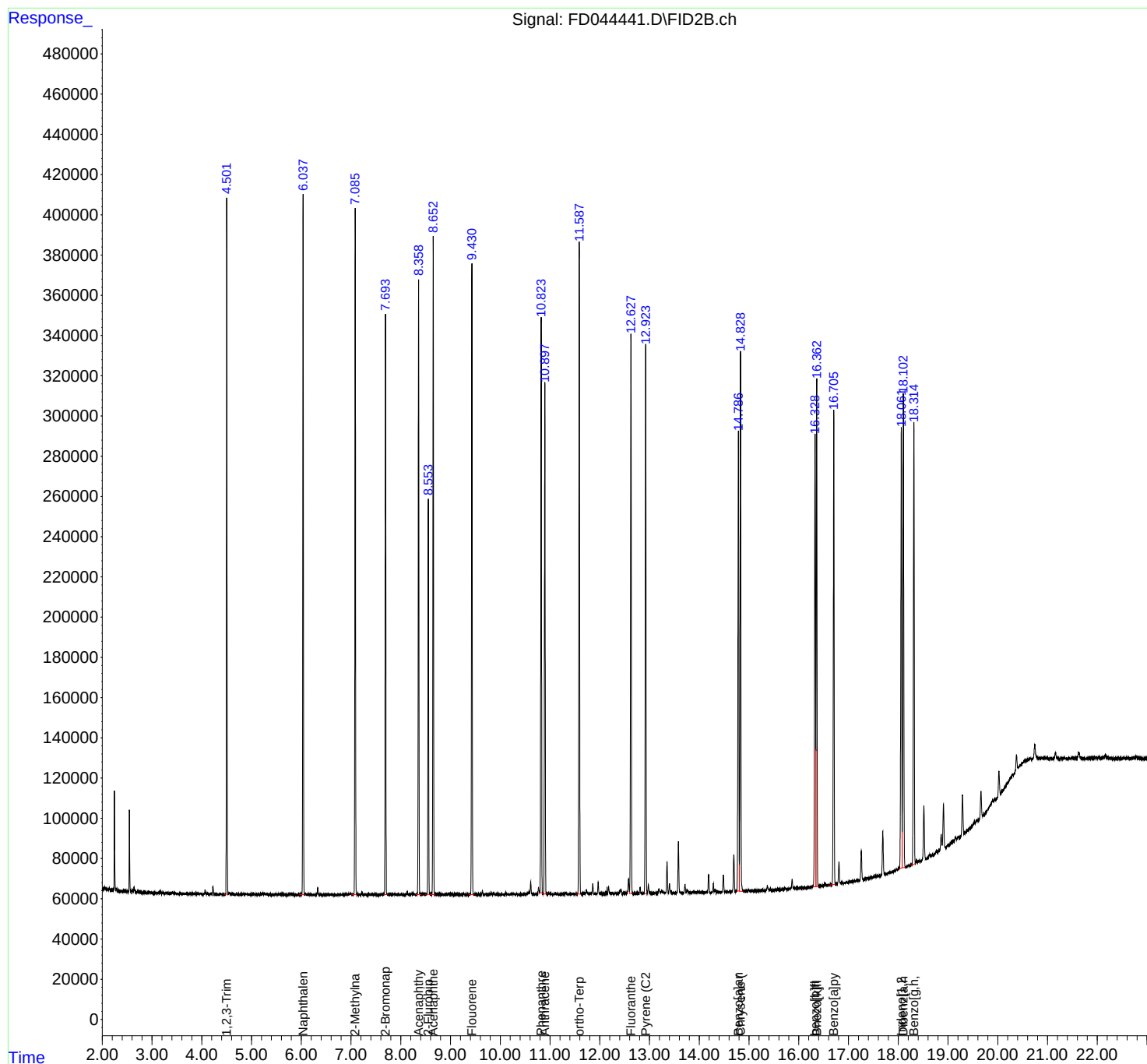
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

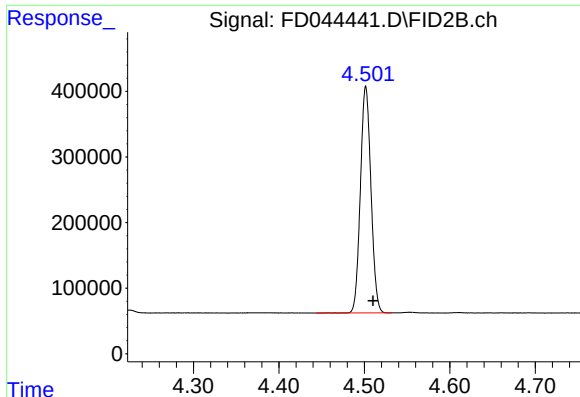
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022

Integration File: autoint1.e
Quant Time: Nov 14 12:42:43 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
Quant Title : GC Extractables
QLast Update : Fri Nov 04 06:01:26 2022
Response via : Initial Calibration
Integrator: ChemStation

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





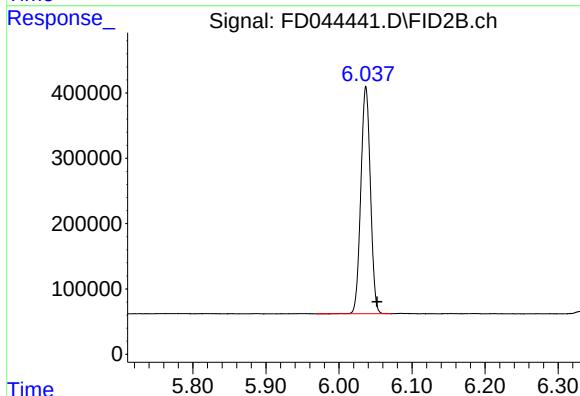
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.008 min
Response: 2961714
Conc: 20.32 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

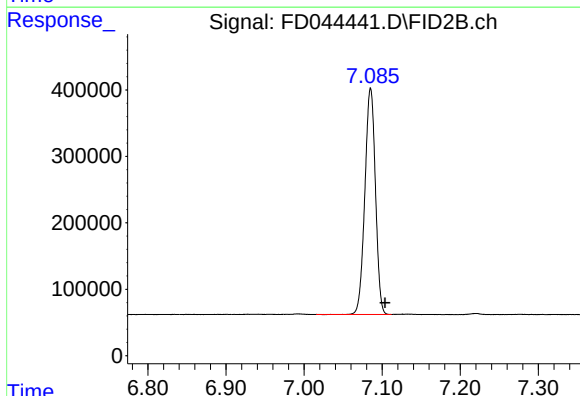
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022



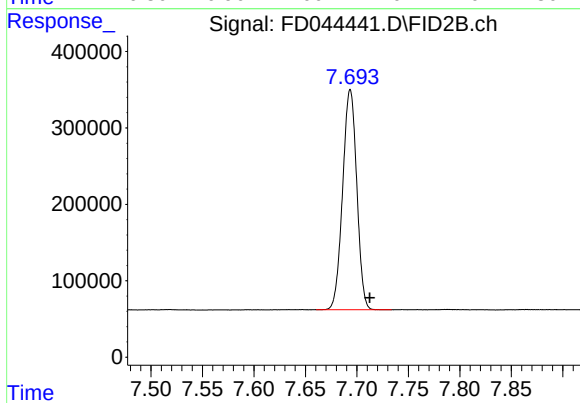
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.015 min
Response: 3166781
Conc: 20.34 ug/ml



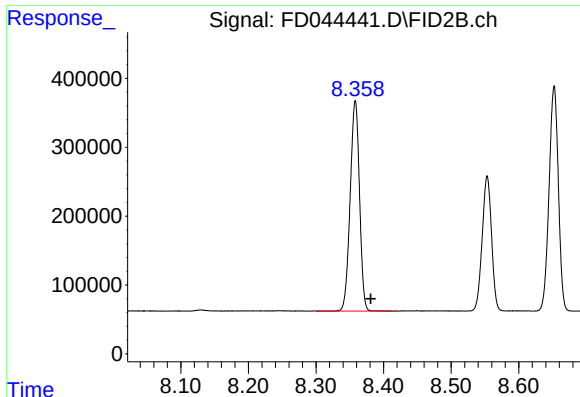
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.018 min
Response: 3198798
Conc: 20.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.694 min
Delta R.T.: -0.019 min
Response: 2751296
Conc: 20.33 ug/ml



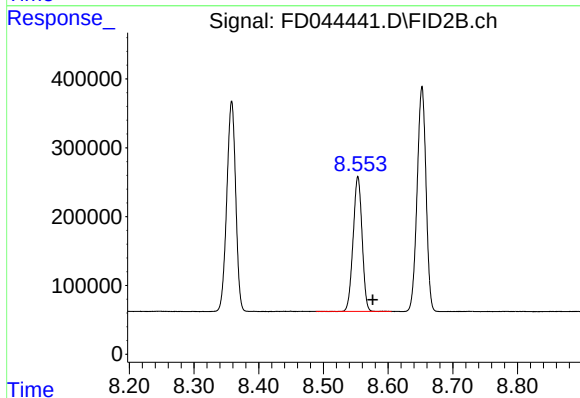
#5 Acenaphthylene (C15.06)

R.T.: 8.358 min
Delta R.T.: -0.023 min
Response: 2928050
Conc: 19.42 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

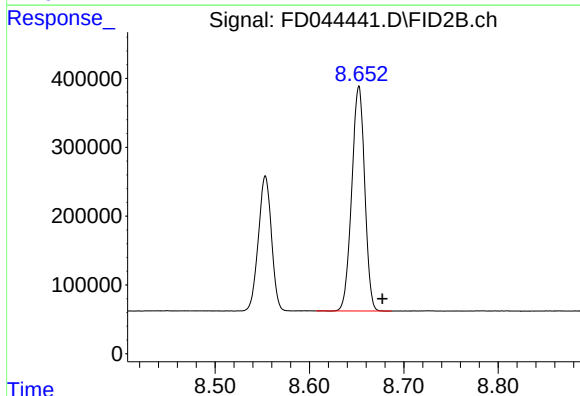
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022



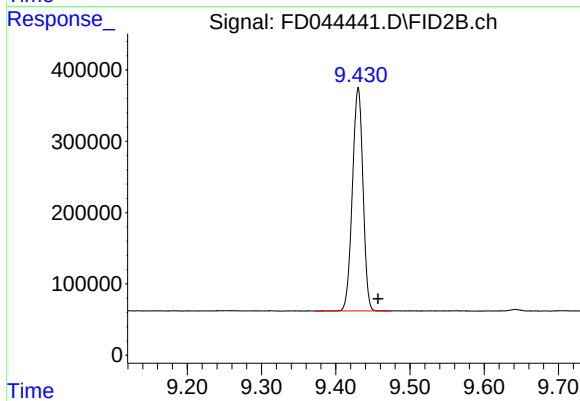
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.553 min
Delta R.T.: -0.023 min
Response: 1884705
Conc: 20.10 ug/ml



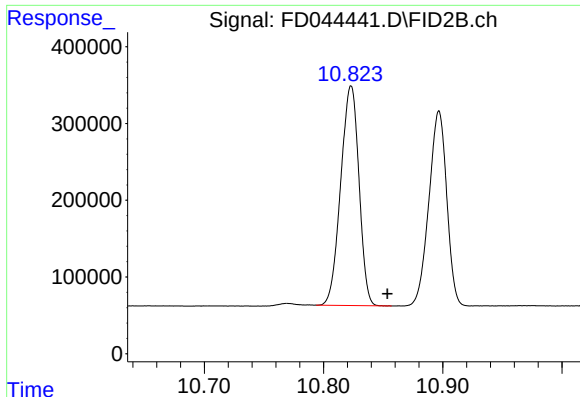
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.025 min
Response: 3121928
Conc: 20.18 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.430 min
Delta R.T.: -0.027 min
Response: 3098419
Conc: 20.15 ug/ml



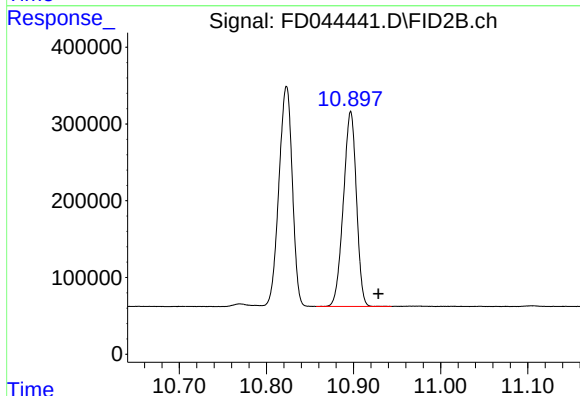
#9 Phenanthrene (C19.36)

R.T.: 10.823 min
Delta R.T.: -0.031 min
Response: 3044158
Conc: 20.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

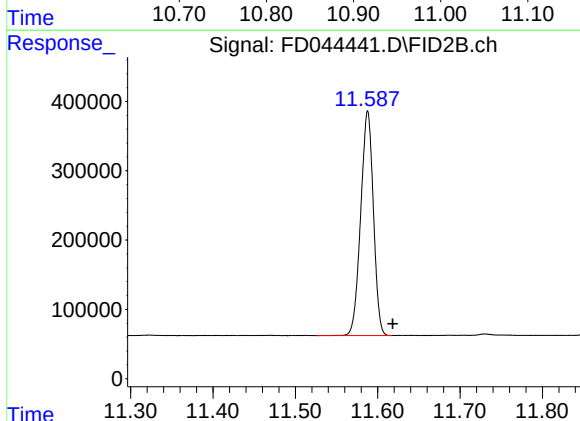
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022



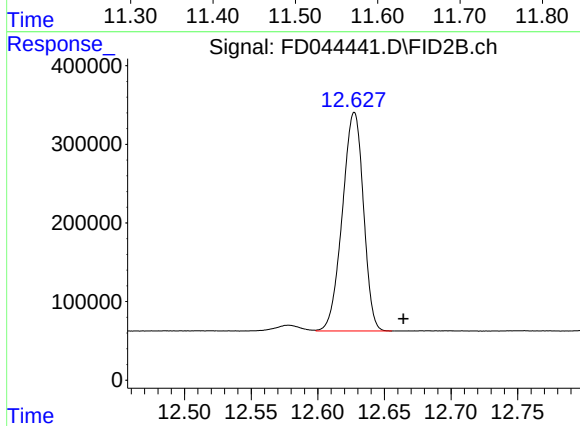
#10 Anthracene (C19.43)

R.T.: 10.897 min
Delta R.T.: -0.032 min
Response: 2642402
Conc: 18.04 ug/ml



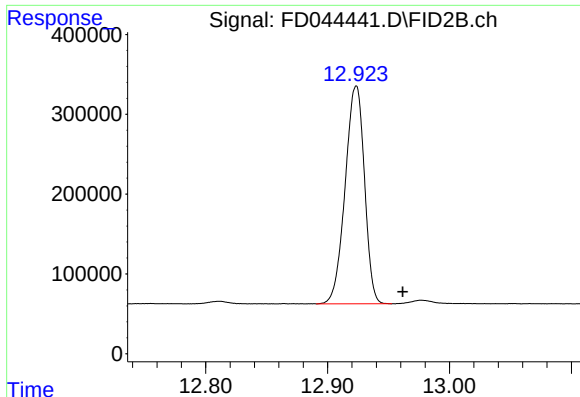
#11 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.031 min
Response: 3466407
Conc: 20.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: -0.037 min
Response: 3063721
Conc: 20.16 ug/ml



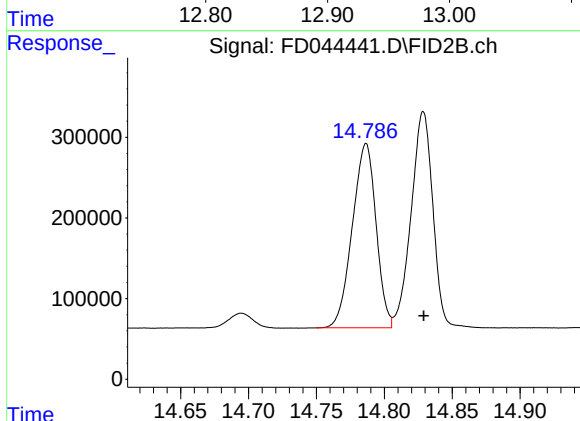
#13 Pyrene (C20.8)

R.T.: 12.923 min
Delta R.T.: -0.039 min
Response: 3005180
Conc: 20.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

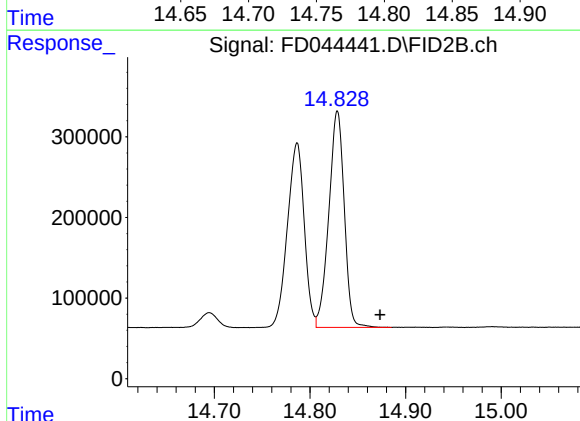
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022



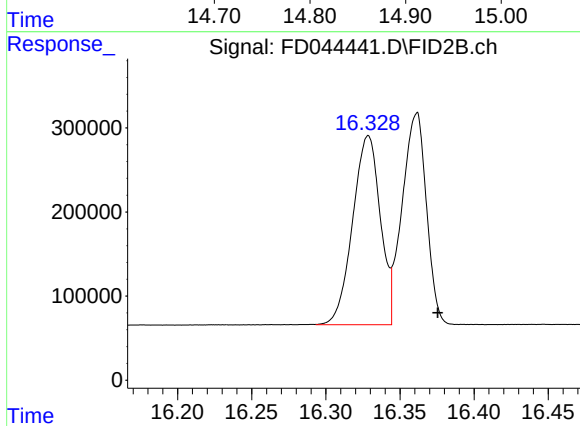
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: -0.043 min
Response: 2777795
Conc: 19.85 ug/ml m



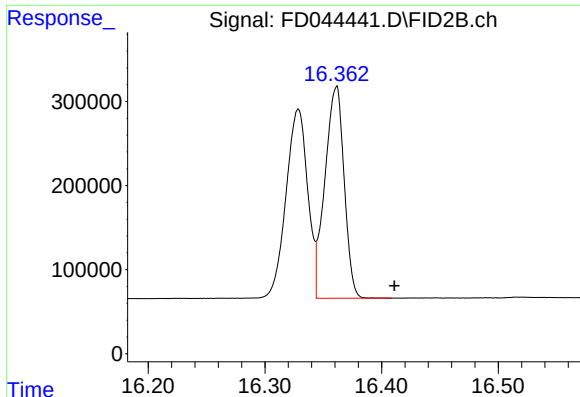
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: -0.045 min
Response: 2990427
Conc: 20.42 ug/ml



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

R.T.: 16.328 min
Delta R.T.: -0.047 min
Response: 2946845
Conc: 20.49 ug/ml m



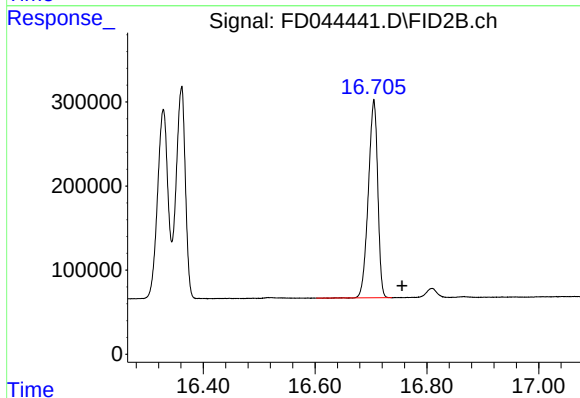
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.361 min
Delta R.T.: -0.050 min
Response: 2886800
Conc: 20.30 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

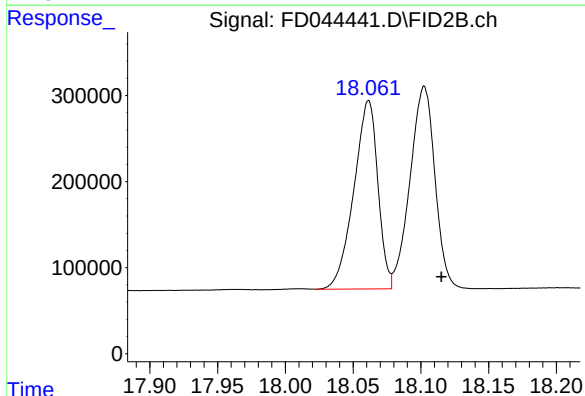
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022



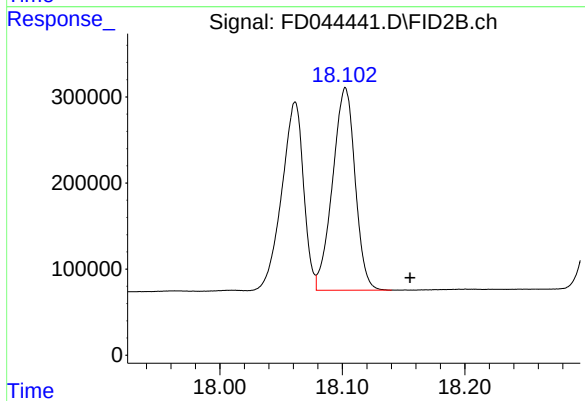
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.705 min
Delta R.T.: -0.051 min
Response: 2745025
Conc: 19.62 ug/ml



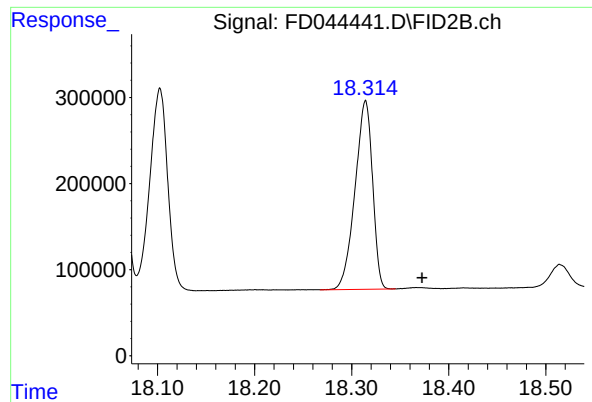
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.061 min
Delta R.T.: -0.054 min
Response: 2706652
Conc: 19.85 ug/ml m



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

R.T.: 18.102 min
Delta R.T.: -0.053 min
Response: 3012127
Conc: 22.36 ug/ml



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

R.T.: 18.314 min
Delta R.T.: -0.058 min
Response: 2748810
Conc: 20.14 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022