

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044474.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2022 02:44
 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 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 05:46:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.686	2675295	19.771 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
6) S 2-Fluorobiphenyl (SURR)	8.546	1816716	19.372 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.74%
11) S ortho-Terphenyl (SURR)	11.580	3340251	19.469 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2938725	20.161 ug/ml
2) T Naphthalene (C11.7)	6.030	3112573	19.991 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	3125214	19.781 ug/ml
5) T Acenaphthylene (C15.06)	8.350	2847688	18.884 ug/ml
7) T Acenaphthene (C15.5)	8.645	3021222	19.525 ug/ml
8) T Flouorene (C16.55)	9.422	2986860	19.421 ug/ml
9) T Phenanthrene (C19.36)	10.814	2921766	19.429 ug/ml
10) T Anthracene (C19.43)	10.888	2748088	18.756 ug/ml
12) T Fluoranthene (C21.85)	12.619	2941820	19.358 ug/ml
13) T Pyrene (C20.8)	12.915	2881692	19.385 ug/mlm
14) T Benzo[a]anthracene (C...	14.778	2672248	19.091 ug/mlm
15) T Chrysene (C27.41)	14.821	2783624	19.007 ug/ml
16) T benzo[b]fluoranthene ...	16.321	2743025	19.073 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.353	2711510	19.071 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	2651100	18.949 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	2591421	19.005 ug/mlm
20) T Dibenz[a,h]anthracene...	18.095	2642467	19.617 ug/ml
21) T Benzo[g,h,i]perylene ...	18.308	2622920	19.214 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
Data File : FD044474.D
Signal(s) : FID2B.ch
Acq On : 22 Nov 2022 02:44
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

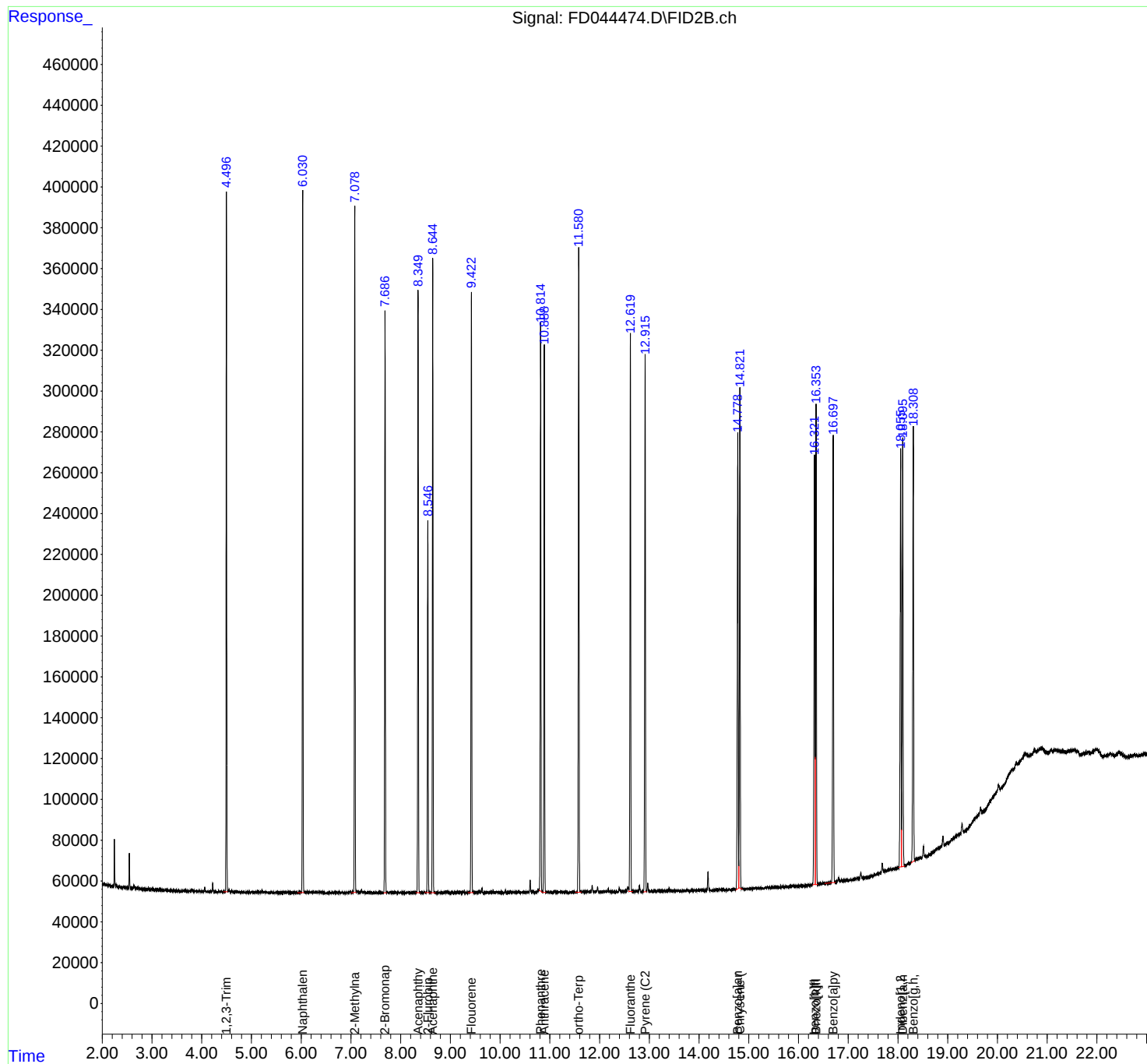
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

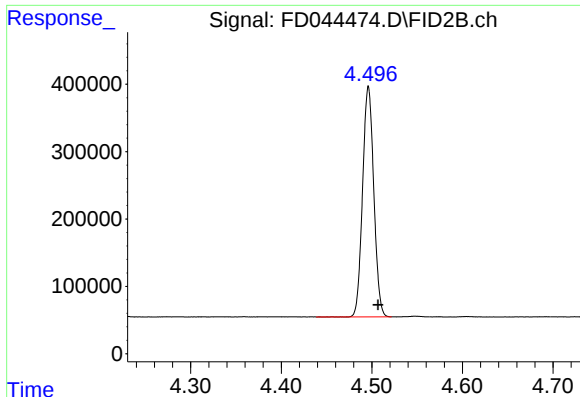
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2022
Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
Quant Time: Nov 22 05:46:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
Quant Title : GC Extractables
QLast Update : Mon Nov 21 12:00:35 2022
Response via : Initial Calibration
Integrator: ChemStation

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





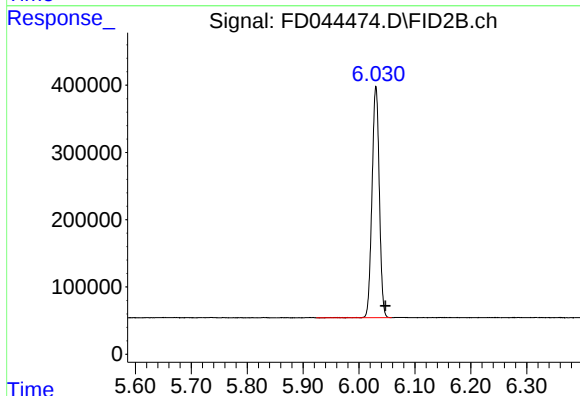
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: -0.011 min
Response: 2938725
Conc: 20.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

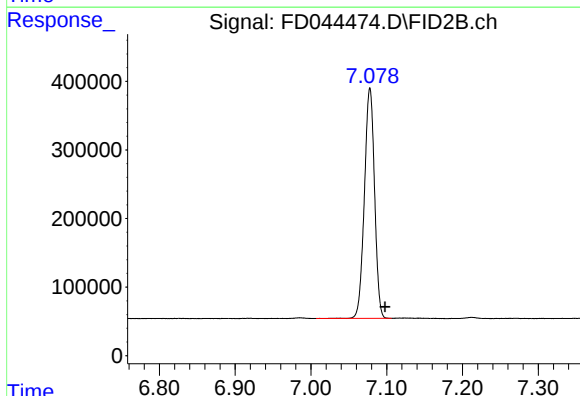
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2022
Supervised By :Ankita Jodhani 11/22/2022



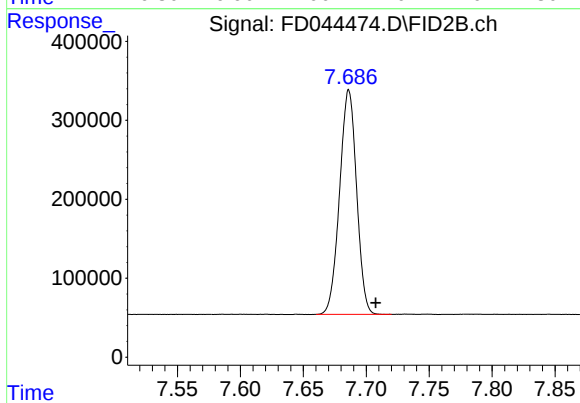
#2 Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.017 min
Response: 3112573
Conc: 19.99 ug/ml



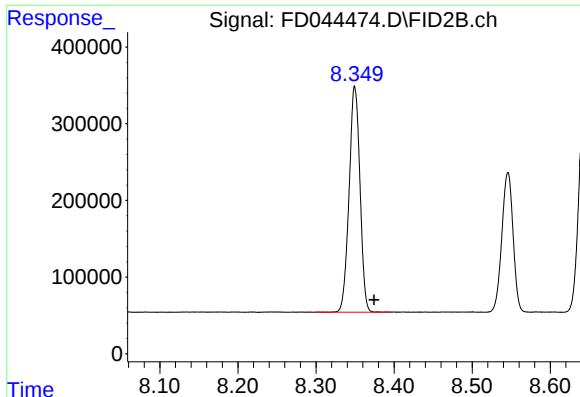
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.020 min
Response: 3125214
Conc: 19.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.021 min
Response: 2675295
Conc: 19.77 ug/ml



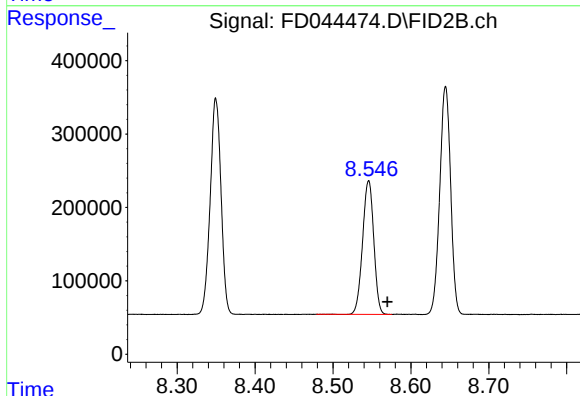
#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: -0.024 min
Response: 2847688
Conc: 18.88 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

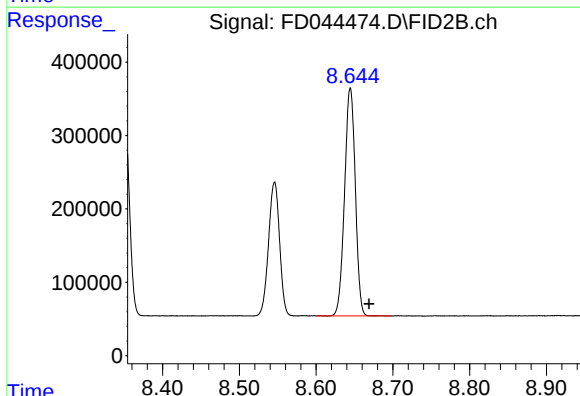
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2022
Supervised By :Ankita Jodhani 11/22/2022



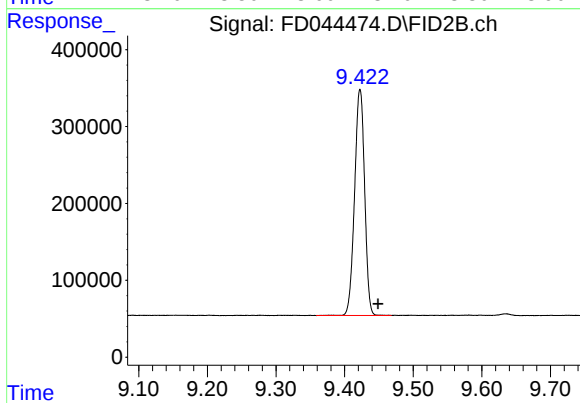
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.546 min
Delta R.T.: -0.024 min
Response: 1816716
Conc: 19.37 ug/ml



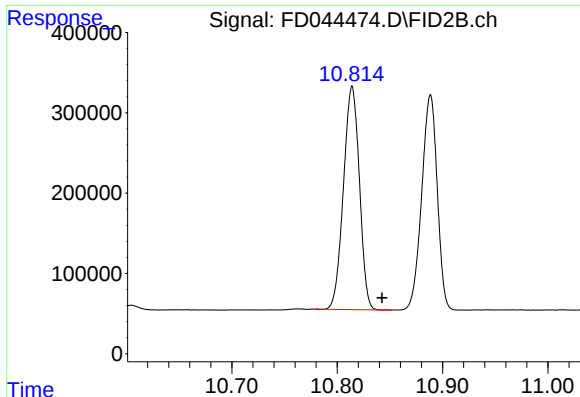
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.024 min
Response: 3021222
Conc: 19.52 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.422 min
Delta R.T.: -0.026 min
Response: 2986860
Conc: 19.42 ug/ml



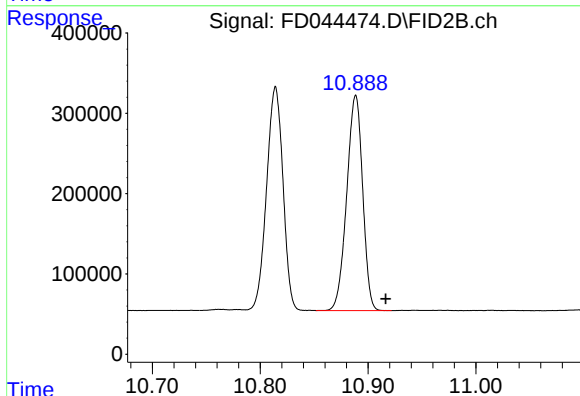
#9 Phenanthrene (C19.36)

R.T.: 10.814 min
Delta R.T.: -0.028 min
Response: 2921766
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

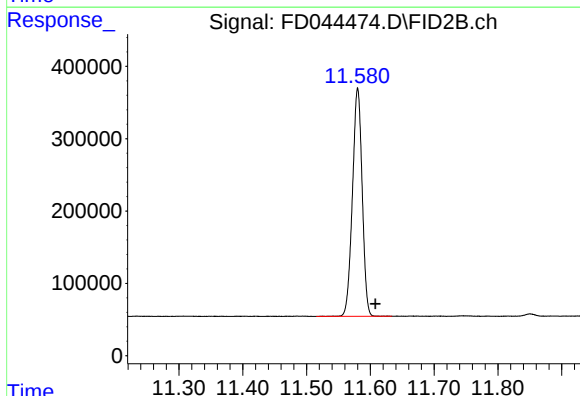
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2022
Supervised By :Ankita Jodhani 11/22/2022



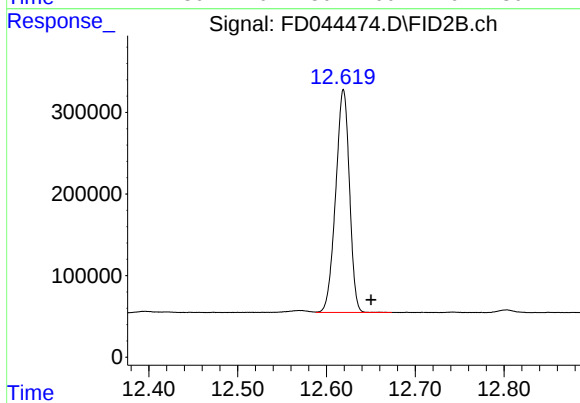
#10 Anthracene (C19.43)

R.T.: 10.888 min
Delta R.T.: -0.028 min
Response: 2748088
Conc: 18.76 ug/ml



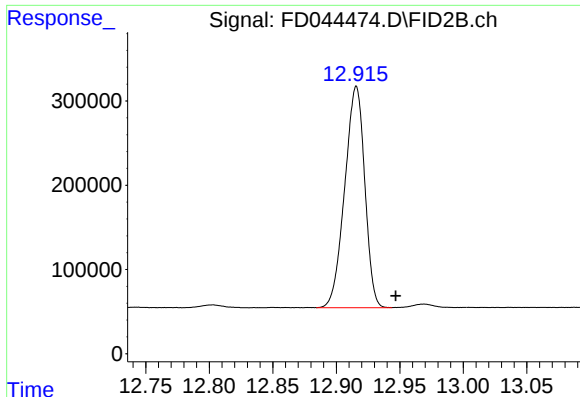
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: -0.028 min
Response: 3340251
Conc: 19.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.619 min
Delta R.T.: -0.031 min
Response: 2941820
Conc: 19.36 ug/ml



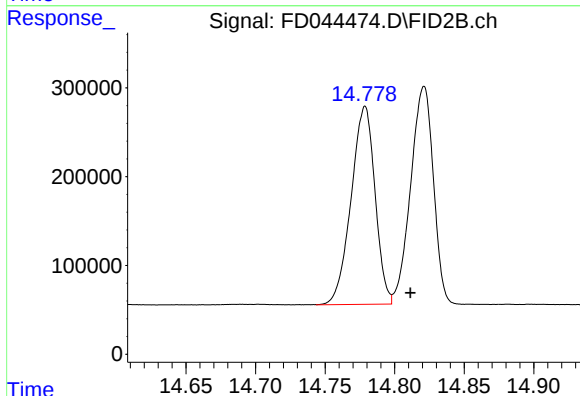
#13 Pyrene (C20.8)

R.T.: 12.915 min
Delta R.T.: -0.031 min
Response: 2881692
Conc: 19.39 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

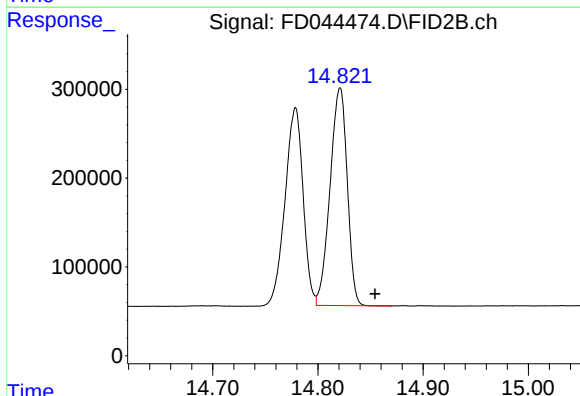
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2022
Supervised By :Ankita Jodhani 11/22/2022



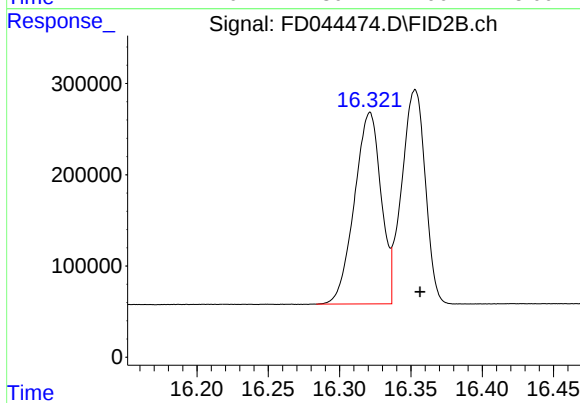
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.778 min
Delta R.T.: -0.033 min
Response: 2672248
Conc: 19.09 ug/ml m



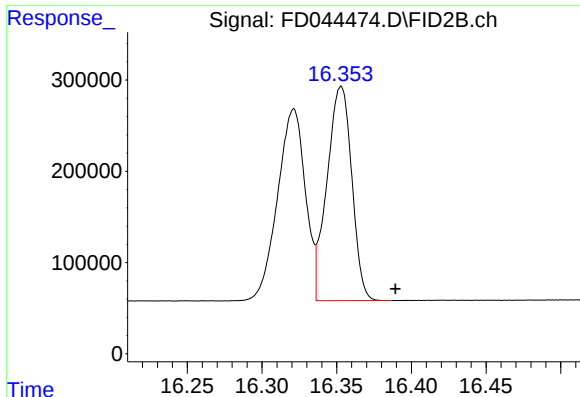
#15 Chrysene (C27.41)

R.T.: 14.821 min
Delta R.T.: -0.034 min
Response: 2783624
Conc: 19.01 ug/ml



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

R.T.: 16.321 min
Delta R.T.: -0.035 min
Response: 2743025
Conc: 19.07 ug/ml m



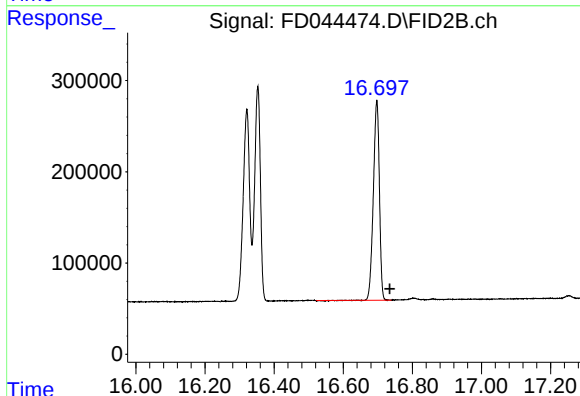
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.353 min
Delta R.T.: -0.036 min
Response: 2711510
Conc: 19.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

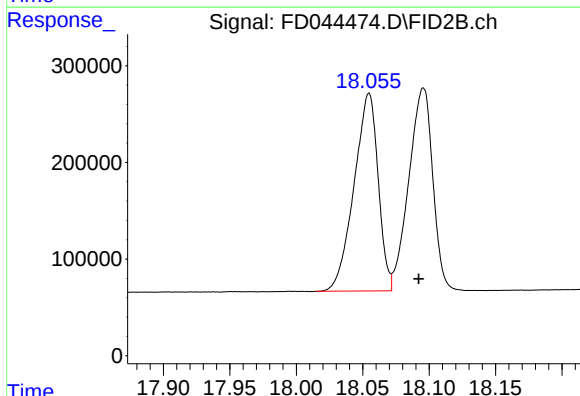
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2022
Supervised By :Ankita Jodhani 11/22/2022



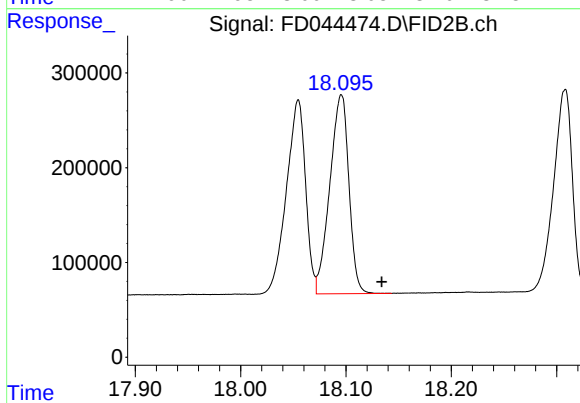
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: -0.037 min
Response: 2651100
Conc: 18.95 ug/ml



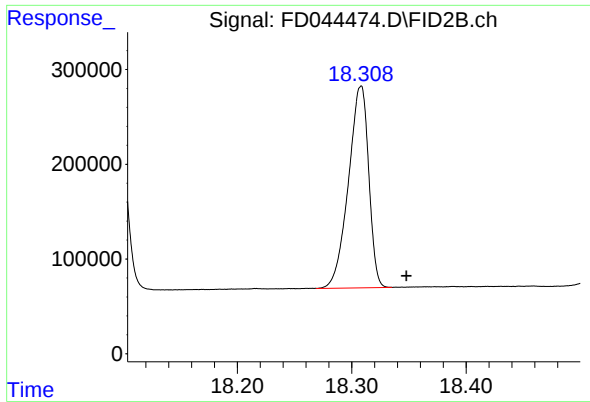
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: -0.038 min
Response: 2591421
Conc: 19.01 ug/ml m



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

R.T.: 18.095 min
Delta R.T.: -0.039 min
Response: 2642467
Conc: 19.62 ug/ml



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

R.T.: 18.308 min
Delta R.T.: -0.040 min
Response: 2622920
Conc: 19.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2022
Supervised By :Ankita Jodhani 11/22/2022