

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122619AR\
 Data File : FD031894.D
 Signal(s) : FID2B.CH
 Acq On : 26 Dec 2019 17:27
 Operator : DD\AJ
 Sample : K6438-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DUNR-BF001-01MSD

Manual Integrations
 APPROVED

mohammad
 12/27/2019 9:48:15 AM

Integration File: autoint1.e
 Quant Time: Dec 27 01:37:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.638	4327328	34.985 ug/ml
Spiked Amount 50.000		Recovery =	69.97%
6) S 2-Fluorobiphenyl (SURR)	8.500	2895256	33.944 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.89%
11) S ortho-Terphenyl (SURR)	11.536	4048192	30.597 ug/ml
Spiked Amount 50.000		Recovery =	61.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	3335607	26.395 ug/ml
2) T Naphthalene (C11.7)	5.979	3831519	28.414 ug/ml
3) T 2-Methylnaphthalene (...)	7.030	3861719	28.695 ug/ml
5) T Acenaphthylene (C15.06)	8.303	3810640	29.234 ug/ml
7) T Acenaphthene (C15.5)	8.599	4052954	29.991 ug/ml
8) T Fluorene (C16.55)	9.377	4146823	30.830 ug/ml
9) T Phenanthrene (C19.36)	10.772	4326033	32.074 ug/ml
10) T Anthracene (C19.43)	10.847	4367258	32.740 ug/ml
12) T Fluoranthene (C21.85)	12.582	4391530	32.458 ug/ml
13) T Pyrene (C20.8)	12.879	4271823	31.872 ug/mlm
14) T Benzo[a]anthracene (C...	14.746	3954103	31.038 ug/mlm
15) T Chrysene (C27.41)	14.790	4511245	35.359 ug/ml
16) T benzo[b]fluoranthene ...	16.294	4008275	32.537 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.329	3861370	31.762 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	3633637	30.316 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	3745910	32.583 ug/mlm
20) T Dibenz[a,h]anthracene...	18.074	3694558	32.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	3737857	32.986 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122619AR\
Data File : FD031894.D
Signal(s) : FID2B.CH
Acq On : 26 Dec 2019 17:27
Operator : DD\AJ
Sample : K6438-03
Misc :
ALS Vial : 58 Sample Multiplier: 1

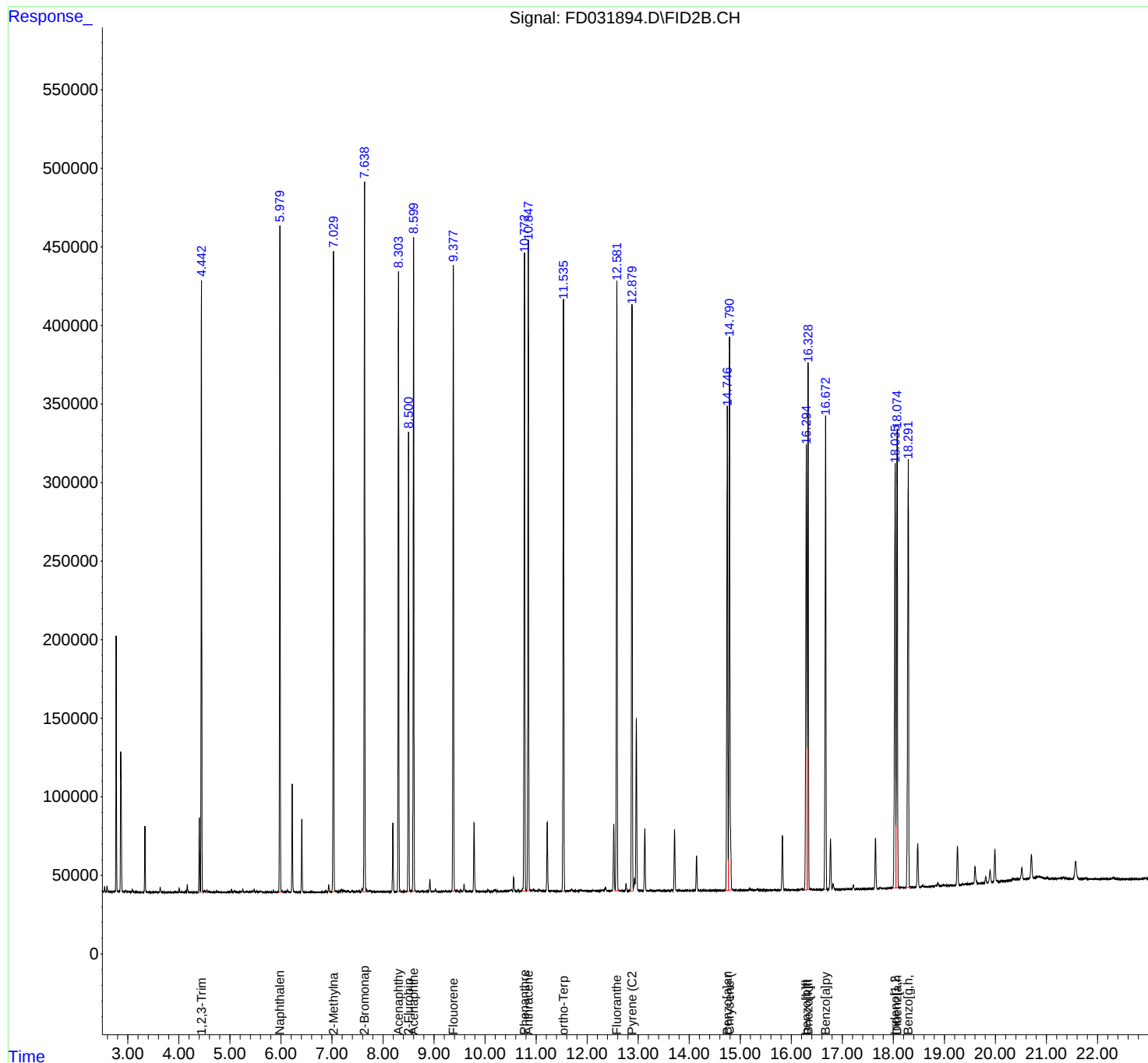
Instrument :
FID_D
ClientSampleId :
DUNR-BF001-01MSD

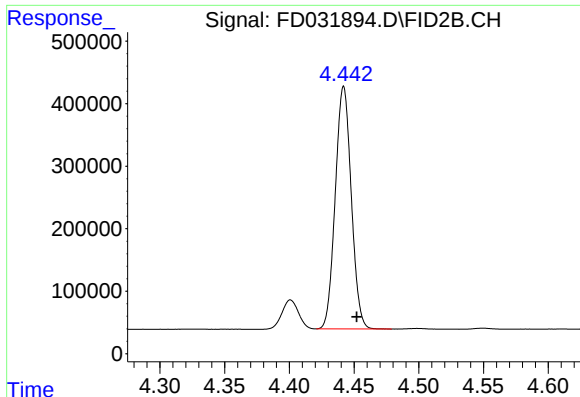
Manual Integrations
APPROVED

mohammad
12/27/2019 9:48:15 AM

Integration File: autoint1.e
Quant Time: Dec 27 01:37:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
Quant Title : GC Extractables
QLast Update : Fri Dec 06 03:00:09 2019
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





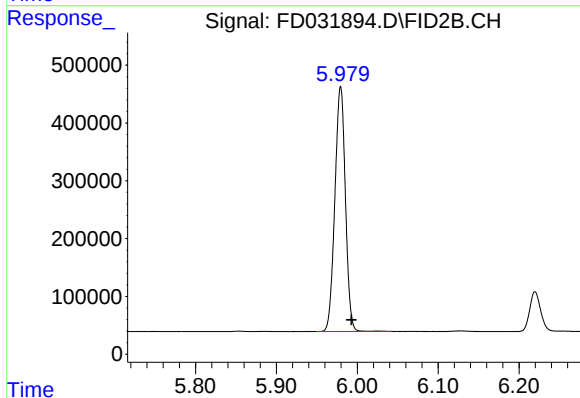
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min
Delta R.T.: -0.010 min
Response: 3335607
Conc: 26.39 ug/ml

Instrument :
FID_D
ClientSampleId :
DUNR-BF001-01MSD

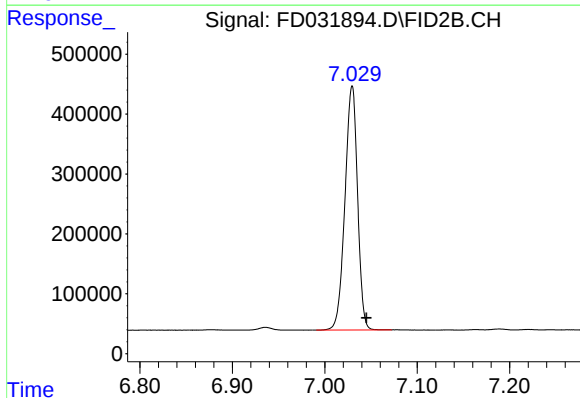
Manual Integrations
APPROVED

mohammad
12/27/2019 9:48:15 AM



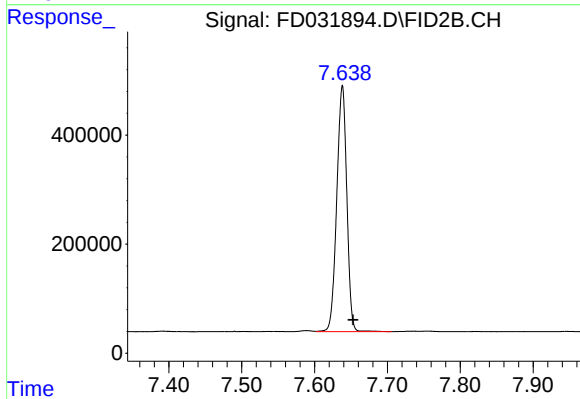
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.013 min
Response: 3831519
Conc: 28.41 ug/ml



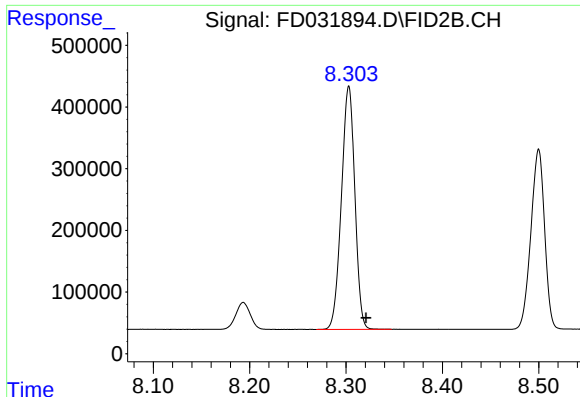
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.016 min
Response: 3861719
Conc: 28.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: -0.015 min
Response: 4327328
Conc: 34.98 ug/ml



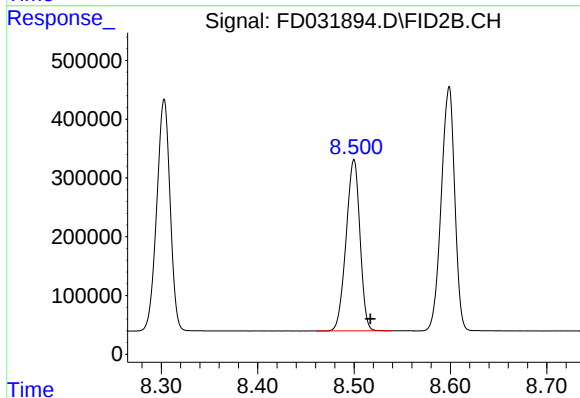
#5 Acenaphthylene (C15.06)

R.T.: 8.303 min
Delta R.T.: -0.018 min
Response: 3810640
Conc: 29.23 ug/ml

Instrument :
FID_D
ClientSampleId :
DUNR-BF001-01MSD

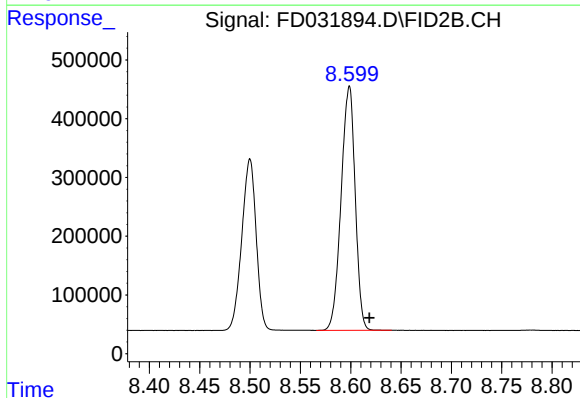
Manual Integrations
APPROVED

mohammad
12/27/2019 9:48:15 AM



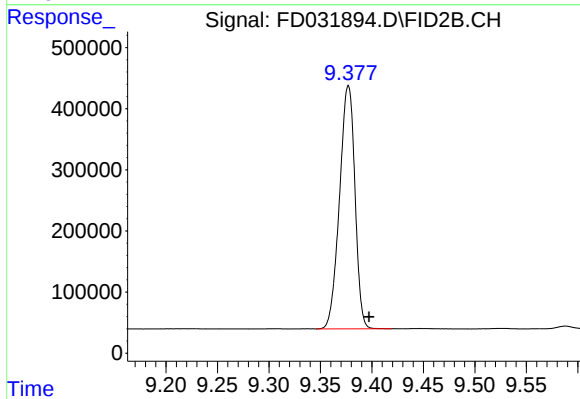
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 2895256
Conc: 33.94 ug/ml



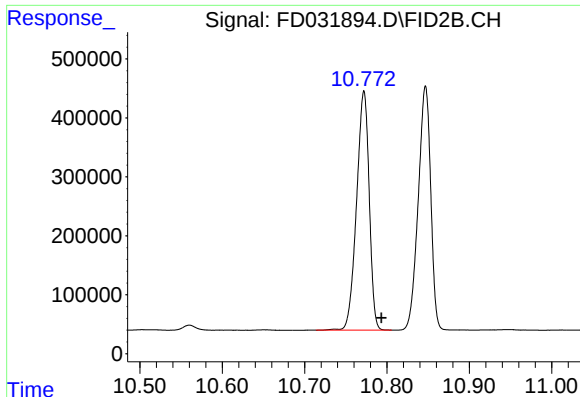
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.020 min
Response: 4052954
Conc: 29.99 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.377 min
Delta R.T.: -0.020 min
Response: 4146823
Conc: 30.83 ug/ml



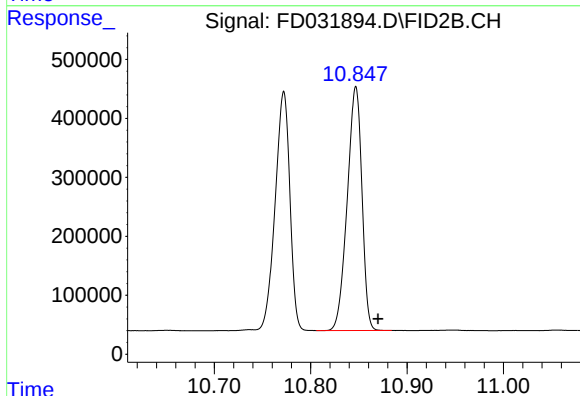
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.021 min
Response: 4326033
Conc: 32.07 ug/ml

Instrument :
FID_D
ClientSampleId :
DUNR-BF001-01MSD

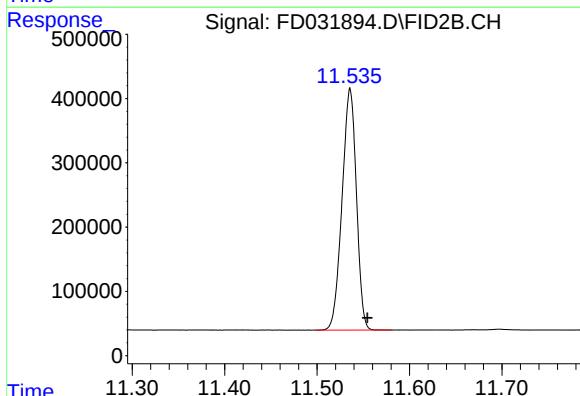
Manual Integrations
APPROVED

mohammad
12/27/2019 9:48:15 AM



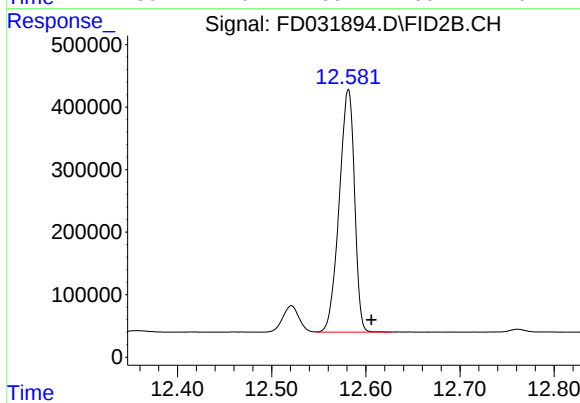
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.023 min
Response: 4367258
Conc: 32.74 ug/ml



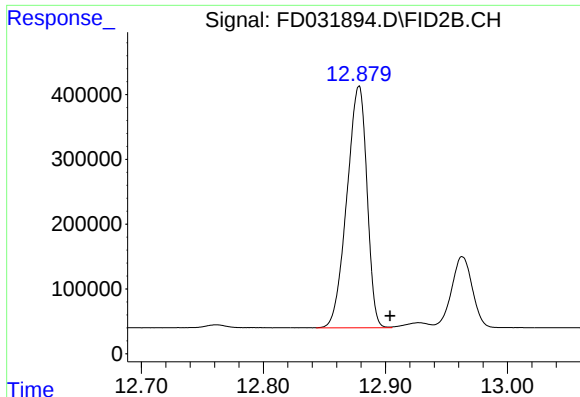
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.019 min
Response: 4048192
Conc: 30.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: -0.024 min
Response: 4391530
Conc: 32.46 ug/ml



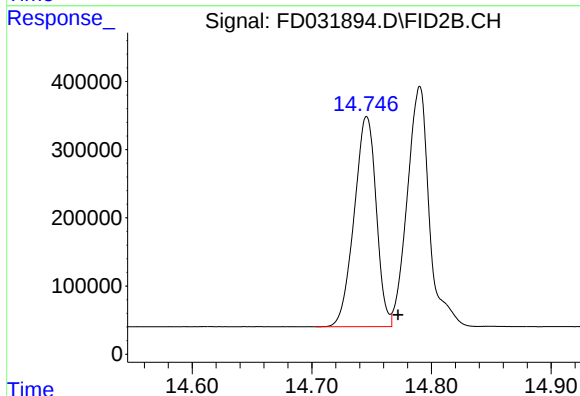
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: -0.025 min
Response: 4271823
Conc: 31.87 ug/ml m

Instrument :
FID_D
ClientSampleId :
DUNR-BF001-01MSD

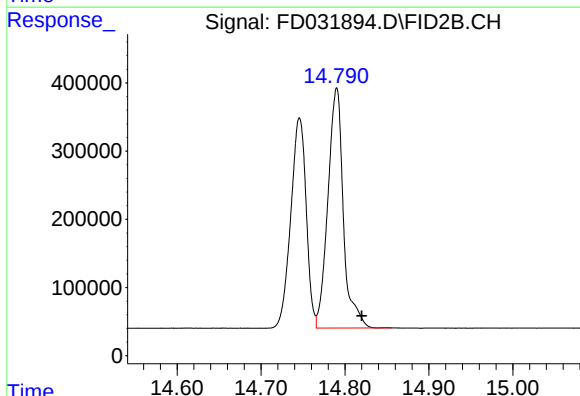
Manual Integrations
APPROVED

mohammad
12/27/2019 9:48:15 AM



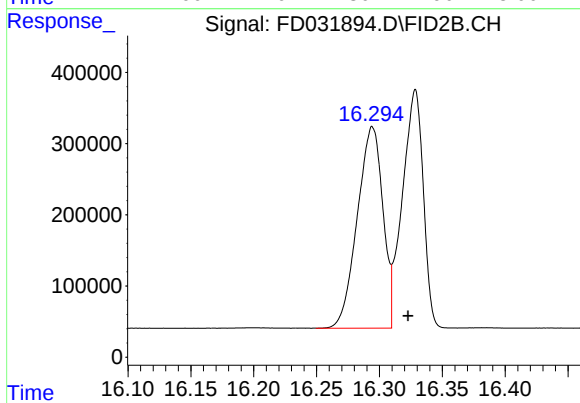
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.027 min
Response: 3954103
Conc: 31.04 ug/ml m



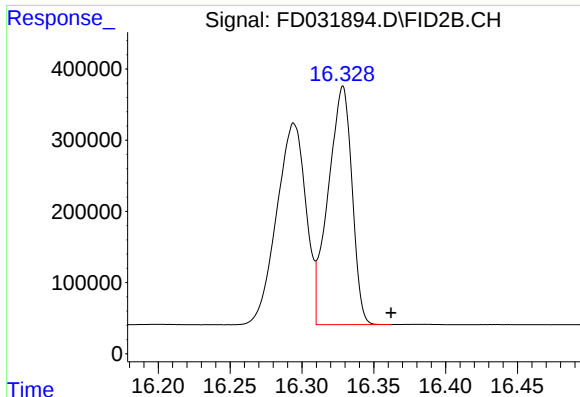
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.030 min
Response: 4511245
Conc: 35.36 ug/ml



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

R.T.: 16.294 min
Delta R.T.: -0.029 min
Response: 4008275
Conc: 32.54 ug/ml m



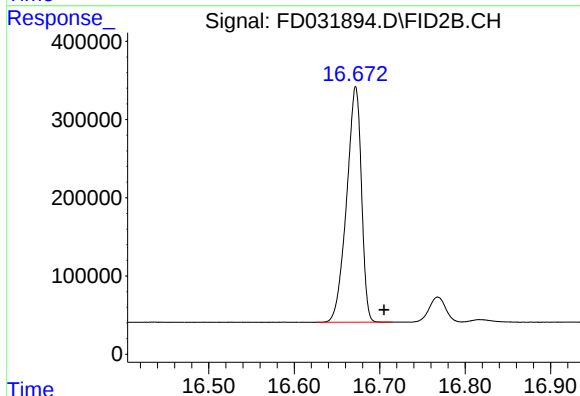
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: -0.033 min
Response: 3861370
Conc: 31.76 ug/ml

Instrument :
FID_D
ClientSampleId :
DUNR-BF001-01MSD

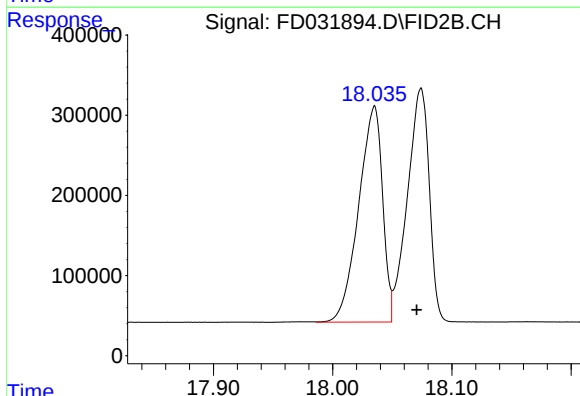
Manual Integrations
APPROVED

mohammad
12/27/2019 9:48:15 AM



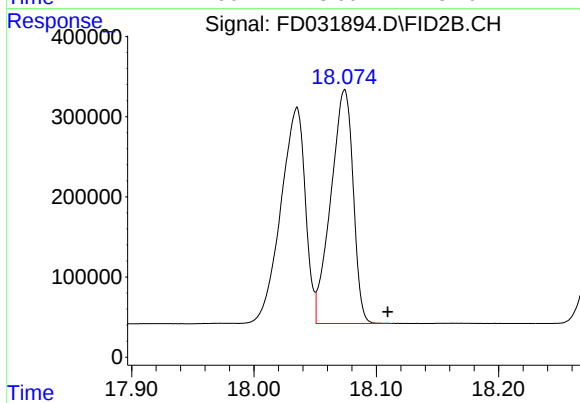
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: -0.033 min
Response: 3633637
Conc: 30.32 ug/ml



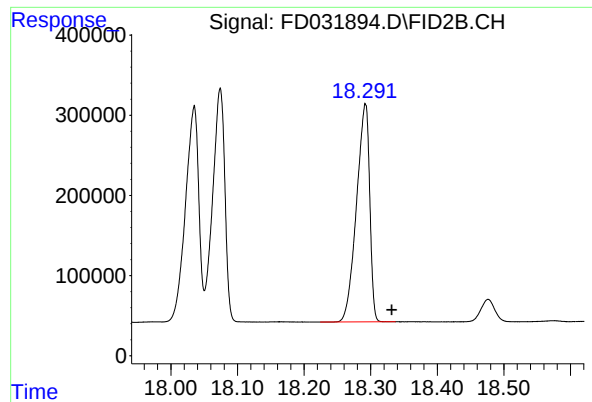
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: -0.035 min
Response: 3745910
Conc: 32.58 ug/ml m



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

R.T.: 18.074 min
Delta R.T.: -0.035 min
Response: 3694558
Conc: 32.73 ug/ml



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

R.T.: 18.292 min
Delta R.T.: -0.040 min
Response: 3737857
Conc: 32.99 ug/ml

Instrument :
FID_D
ClientSampleId :
DUNR-BF001-01MSD

Manual Integrations
APPROVED

mohammad
12/27/2019 9:48:15 AM