

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
 Data File : FD022399.D
 Signal(s) : FID2B.CH
 Acq On : 07 Mar 2018 10:49
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
 APPROVED

ugo
 3/9/2018 10:56:56 AM

Integration File: autoint1.e
 Quant Time: Mar 08 01:56:20 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.334	1785868	21.317 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
6) S 2-Fluorobiphenyl (SURR)	8.194	1149152	22.730 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.46%
11) S ortho-Terphenyl (SURR)	11.219	2148211	22.636 ug/ml
Spiked Amount 50.000		Recovery =	45.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.142	1968303	22.289 ug/mlm
2) T Naphthalene (C11.7)	5.673	1970581	22.029 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	1980057	21.802 ug/mlm
5) T Acenaphthylene (C15.06)	7.991	2043510	21.338 ug/ml
7) T Acenaphthene (C15.5)	8.283	2142425	20.914 ug/ml
8) T Flouorene (C16.55)	9.065	2072884	22.107 ug/ml
9) T Phenanthrene (C19.36)	10.458	2170642	23.297 ug/ml
10) T Anthracene (C19.43)	10.535	2187604	23.070 ug/ml
12) T Fluoranthene (C21.85)	12.268	2317591	23.105 ug/ml
13) T Pyrene (C20.8)	12.563	2309727	22.734 ug/ml
14) T Benzo[a]anthracene (C...	14.441	2208591	22.903 ug/ml
15) T Chrysene (C27.41)	14.482	2347531	21.750 ug/ml
16) T benzo[b]fluoranthene ...	15.998	2281260	22.692 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.028	2389454	21.057 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	2254874	21.456 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.759	1608322	16.881 ug/mlm
20) T Dibenz[a,h]anthracene...	17.787	2654277	23.358 ug/ml
21) T Benzo[g,h,i]perylene ...	18.011	1839102	17.707 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
Data File : FD022399.D
Signal(s) : FID2B.CH
Acq On : 07 Mar 2018 10:49
Operator : UA/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

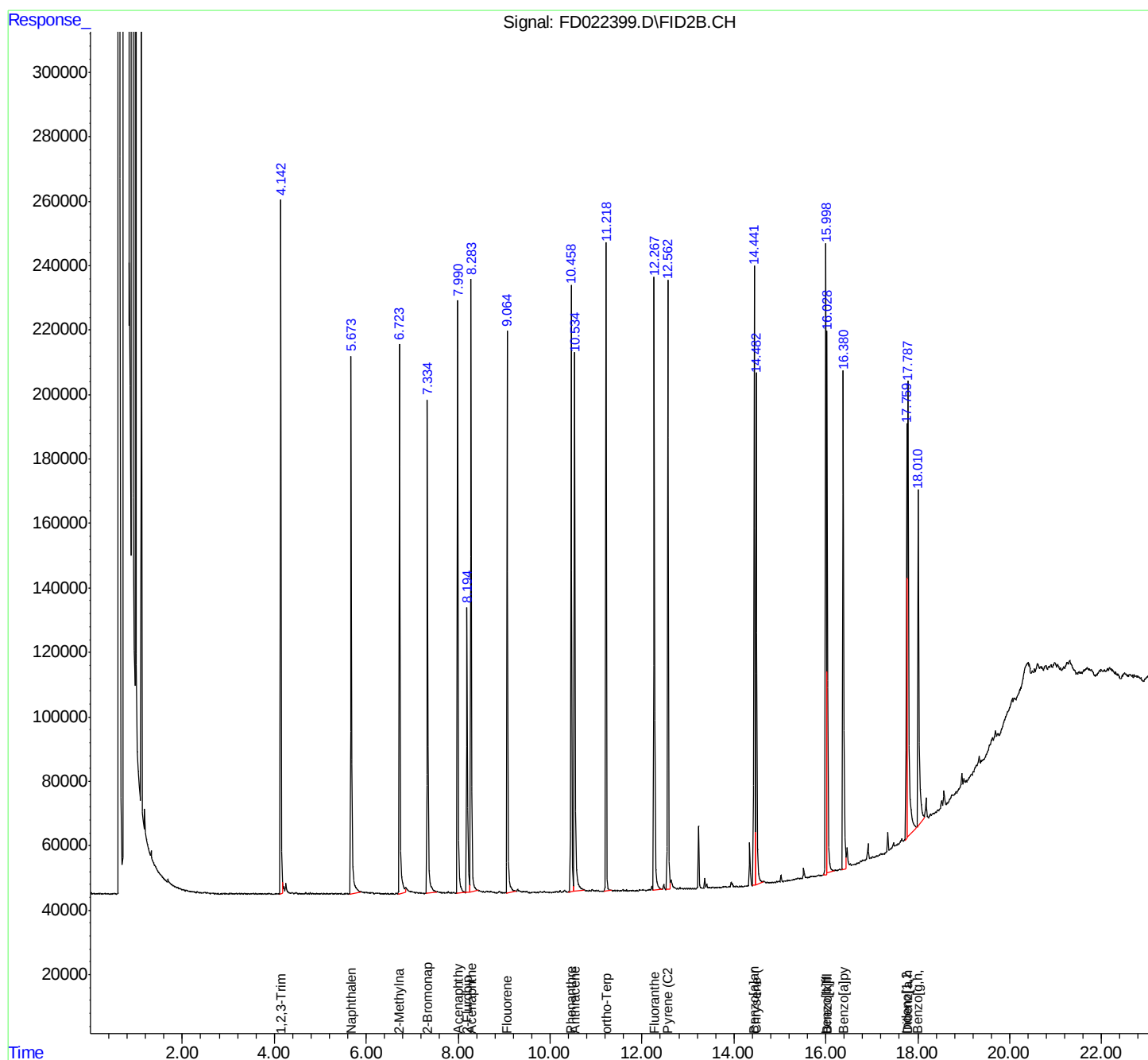
Instrument :
FID_D
ClientSampled :

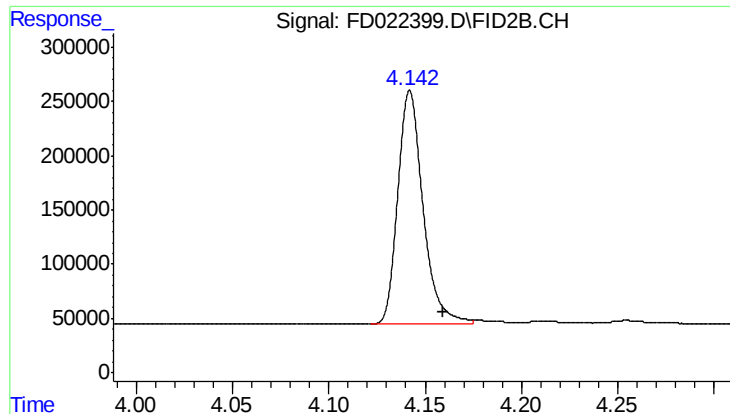
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:56 AM

Integration File: autoint1.e
Quant Time: Mar 08 01:56:20 2018
Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
Quant Title : GC Extractables
QLast Update : Wed Feb 21 04:46:02 2018
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





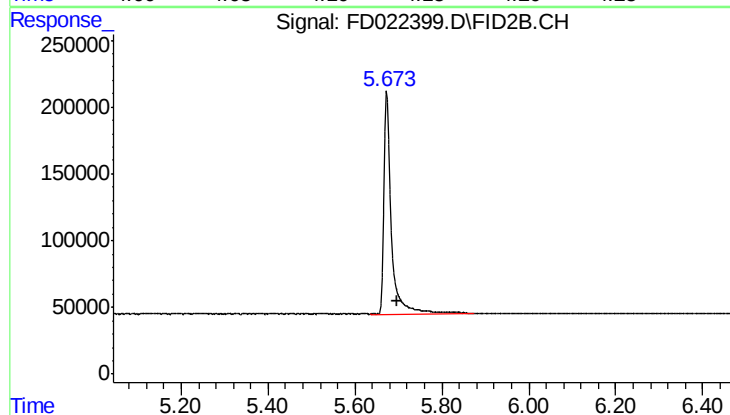
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.142 min
Delta R.T.: -0.018 min
Response: 1968303
Conc: 22.29 ug/ml

Instrument :
FID_D
ClientSampleId :

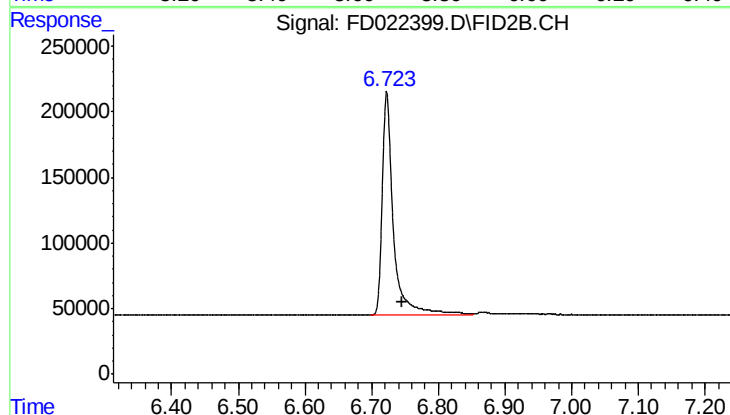
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:56 AM



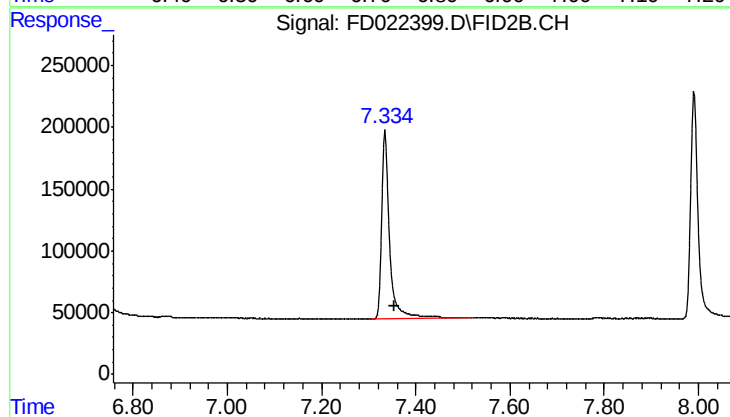
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.023 min
Response: 1970581
Conc: 22.03 ug/ml



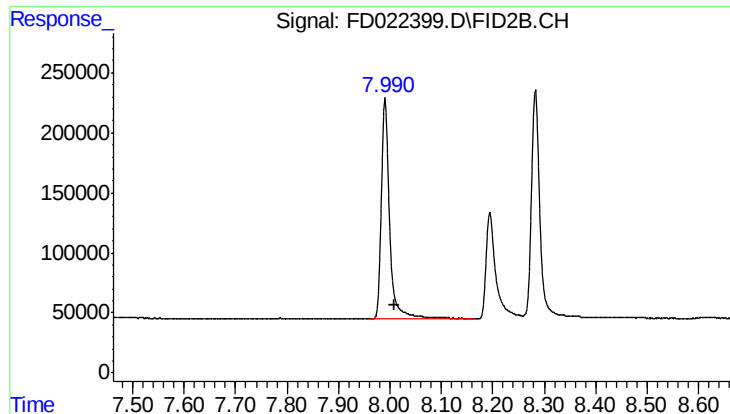
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.023 min
Response: 1980057
Conc: 21.80 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.021 min
Response: 1785868
Conc: 21.32 ug/ml



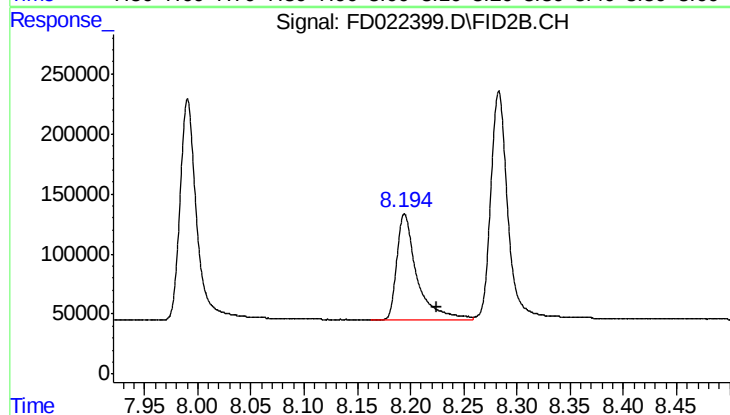
#5 Acenaphthylene (C15.06)

R.T.: 7.991 min
Delta R.T.: -0.018 min
Response: 2043510
Conc: 21.34 ug/ml

Instrument :
FID_D
ClientSampleId :

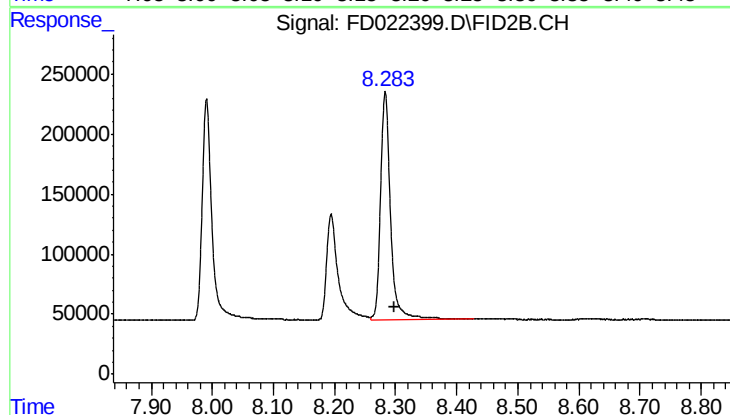
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:56 AM



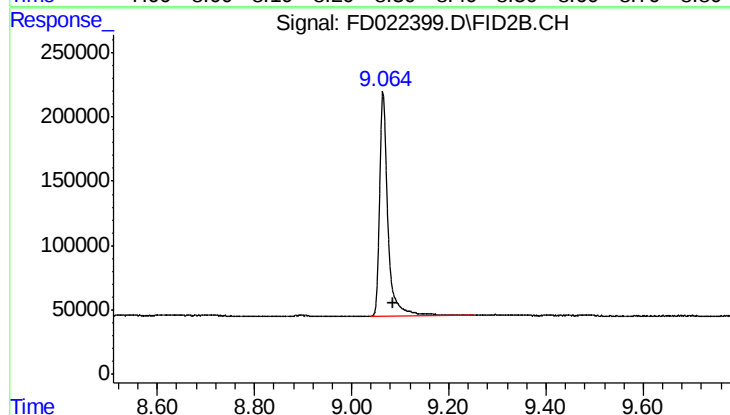
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.194 min
Delta R.T.: -0.030 min
Response: 1149152
Conc: 22.73 ug/ml



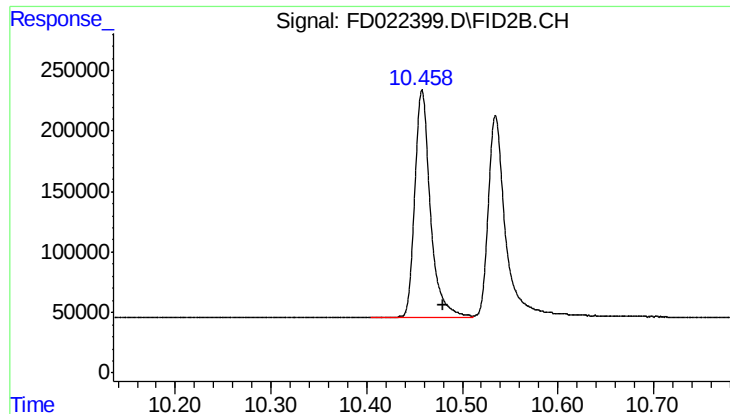
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.016 min
Response: 2142425
Conc: 20.91 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.065 min
Delta R.T.: -0.022 min
Response: 2072884
Conc: 22.11 ug/ml



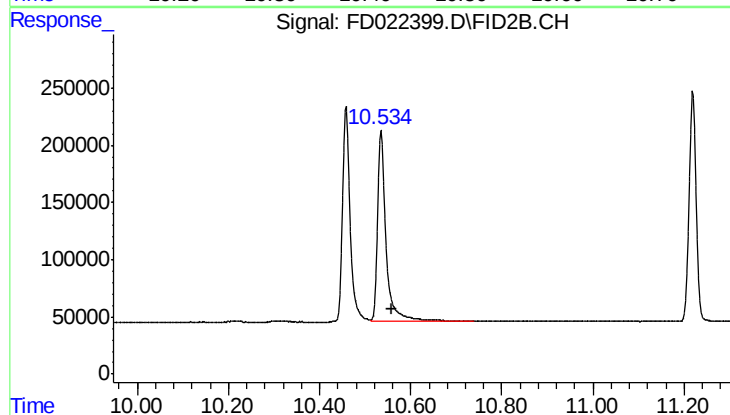
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.022 min
Response: 2170642
Conc: 23.30 ug/ml

Instrument :
FID_D
ClientSampleId :

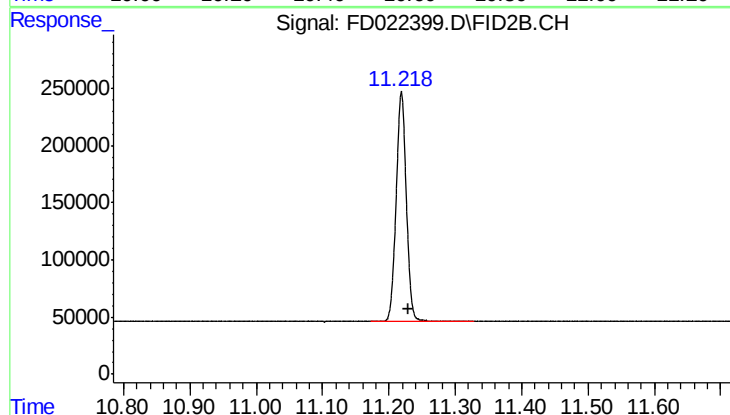
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:56 AM



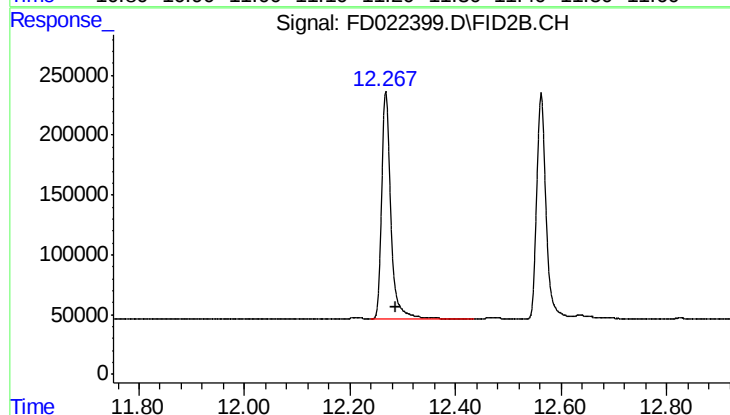
#10 Anthracene (C19.43)

R.T.: 10.535 min
Delta R.T.: -0.024 min
Response: 2187604
Conc: 23.07 ug/ml



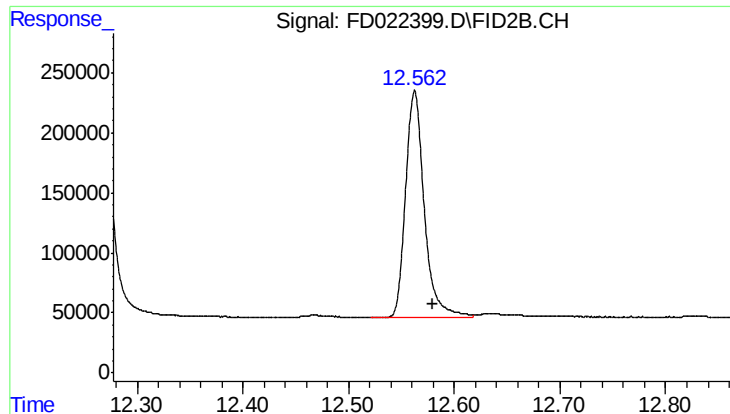
#11 ortho-Terphenyl (SURRE)

R.T.: 11.219 min
Delta R.T.: -0.011 min
Response: 2148211
Conc: 22.64 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.268 min
Delta R.T.: -0.020 min
Response: 2317591
Conc: 23.11 ug/ml



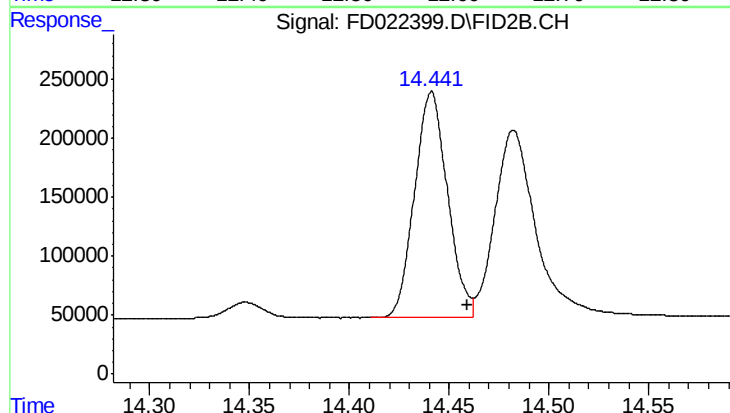
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.018 min
Response: 2309727
Conc: 22.73 ug/ml

Instrument :
FID_D
ClientSampleId :

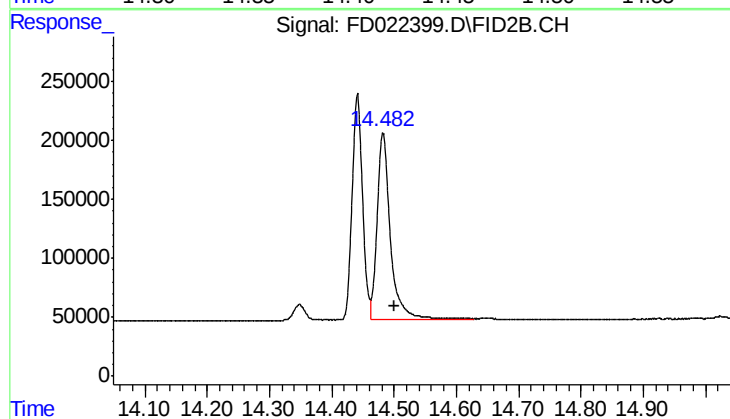
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:56 AM



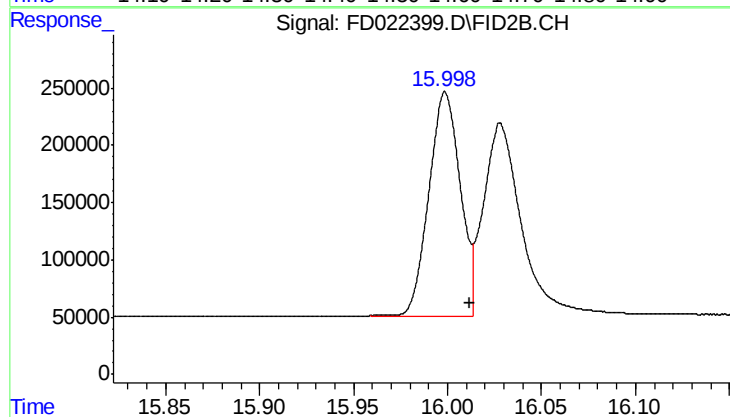
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: -0.018 min
Response: 2208591
Conc: 22.90 ug/ml



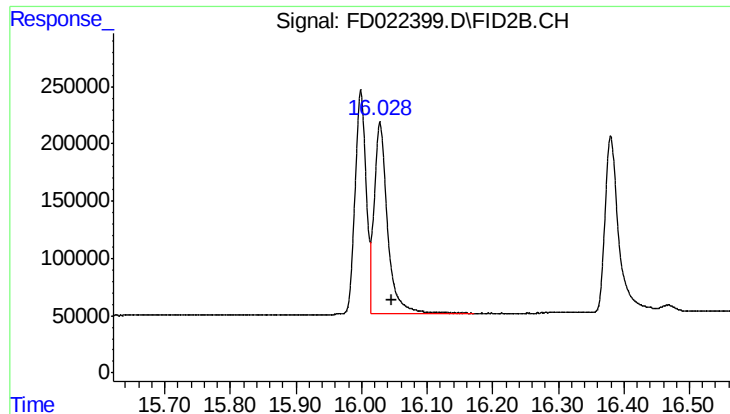
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.018 min
Response: 2347531
Conc: 21.75 ug/ml



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

R.T.: 15.998 min
Delta R.T.: -0.014 min
Response: 2281260
Conc: 22.69 ug/ml m



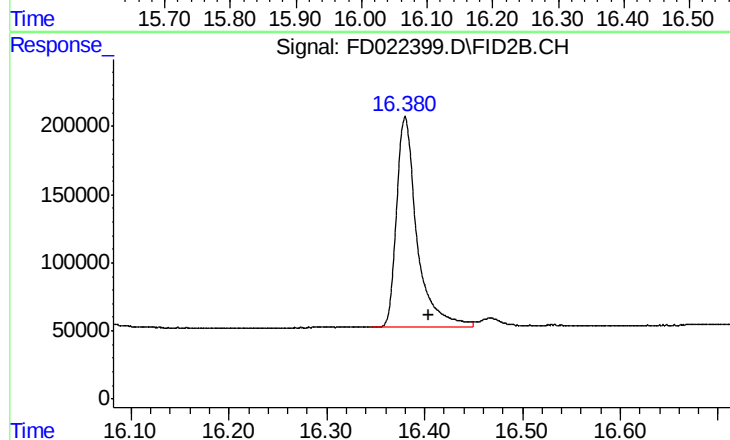
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.028 min
Delta R.T.: -0.018 min
Response: 2389454
Conc: 21.06 ug/ml

Instrument :
FID_D
ClientSampleId :

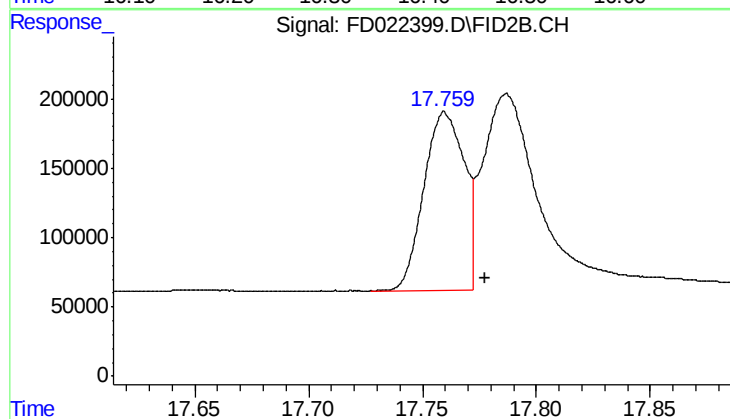
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:56 AM



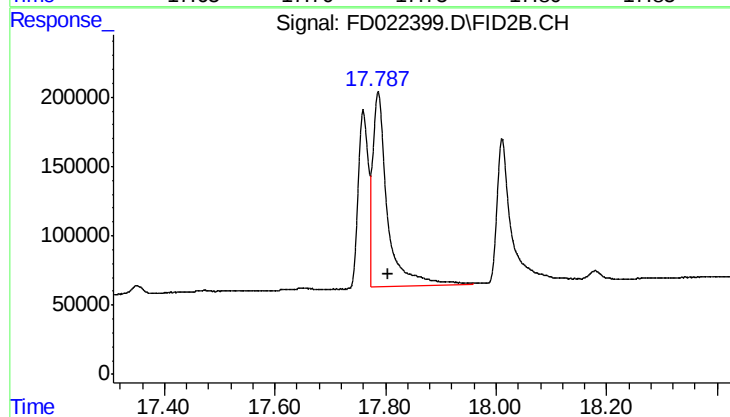
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: -0.025 min
Response: 2254874
Conc: 21.46 ug/ml m



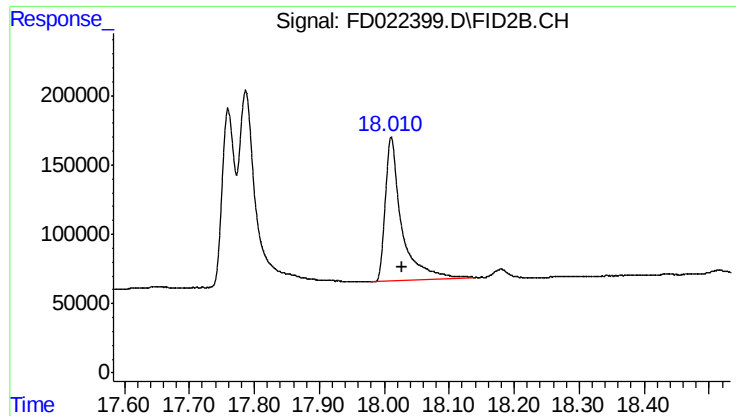
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: -0.018 min
Response: 1608322
Conc: 16.88 ug/ml m



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

R.T.: 17.787 min
Delta R.T.: -0.018 min
Response: 2654277
Conc: 23.36 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.017 min
Response: 1839102
Conc: 17.71 ug/ml

Instrument :
FID_D
ClientSampleId :

Manual Integrations
APPROVED

ugo
3/9/2018 10:56:56 AM