

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
 Data File : FD022358.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2018 7:47
 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 10:56:38 AM

Integration File: autoint1.e
 Quant Time: Mar 06 08:14:32 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...	7.336	1631745	19.477 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
6) S 2-Fluorobiphenyl (SURR)	8.195	1068712	21.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.28%
11) S ortho-Terphenyl (SURR)	11.220	1986895	20.936 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.144	1787874	20.246 ug/mlm
2) T Naphthalene (C11.7)	5.675	1795747	20.075 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	1763939	19.422 ug/ml
5) T Acenaphthylene (C15.06)	7.992	1891507	19.751 ug/ml
7) T Acenaphthene (C15.5)	8.284	2009793	19.619 ug/ml
8) T Flouorene (C16.55)	9.066	1913990	20.413 ug/ml
9) T Phenanthrene (C19.36)	10.459	1996126	21.424 ug/ml
10) T Anthracene (C19.43)	10.536	1982867	20.910 ug/ml
12) T Fluoranthene (C21.85)	12.269	2125779	21.193 ug/ml
13) T Pyrene (C20.8)	12.563	2128716	20.953 ug/ml
14) T Benzo[a]anthracene (C...	14.440	2026987	21.020 ug/ml
15) T Chrysene (C27.41)	14.482	2162722	20.038 ug/ml
16) T benzo[b]fluoranthene ...	15.998	2082381	20.714 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.030	2197207	19.363 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	2066289	19.662 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.758	1609241	16.891 ug/mlm
20) T Dibenz[a,h]anthracene...	17.787	2442434	21.493 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	1799450	17.325 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : P:\HPCHEM1\FID_D\Data\FD030518AR\
Data File : FD022358.D
Signal(s) : FID2B.CH
Acq On : 06 Mar 2018 7:47
Operator : UA/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

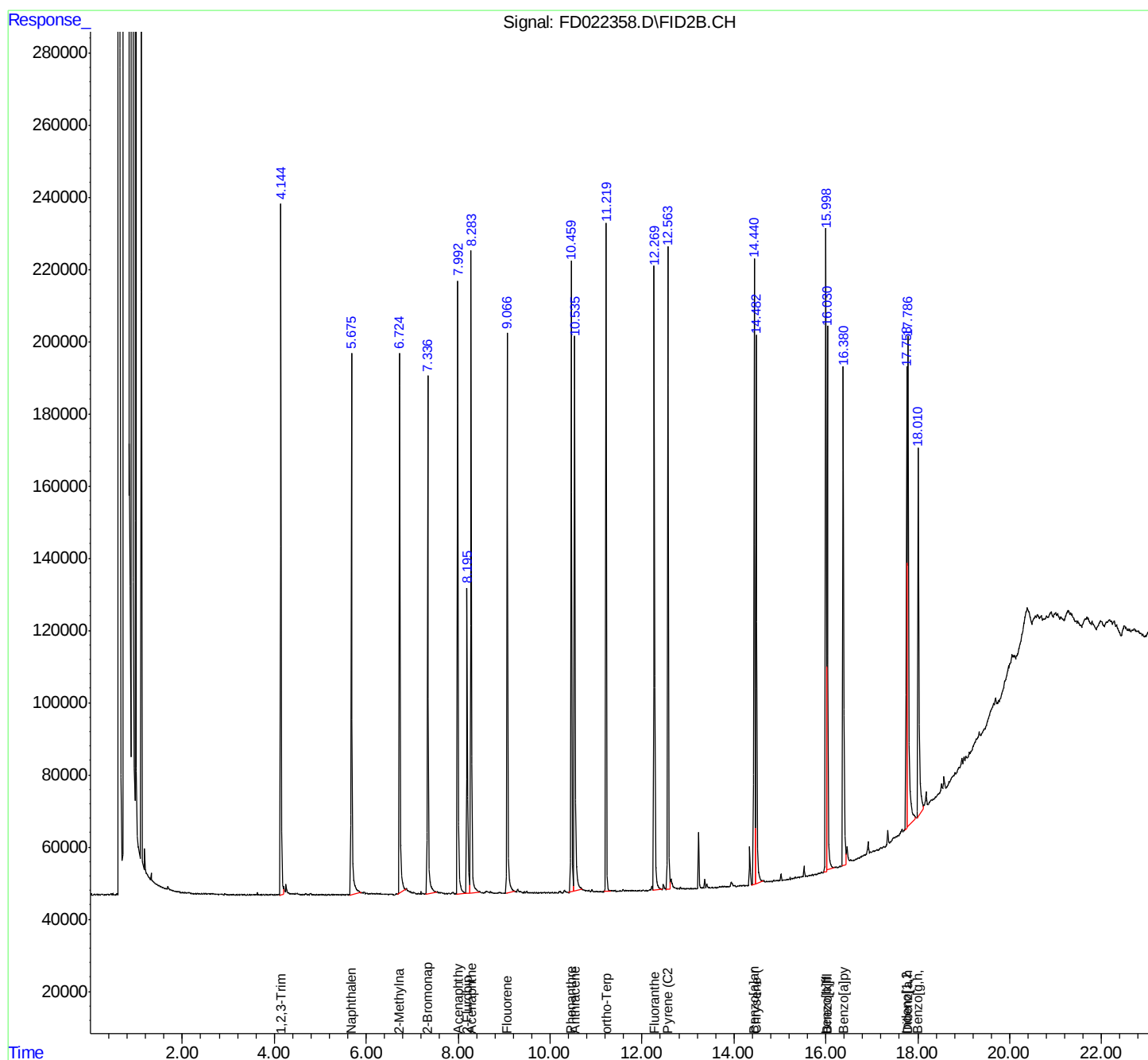
Instrument :
FID_D
ClientSampled :

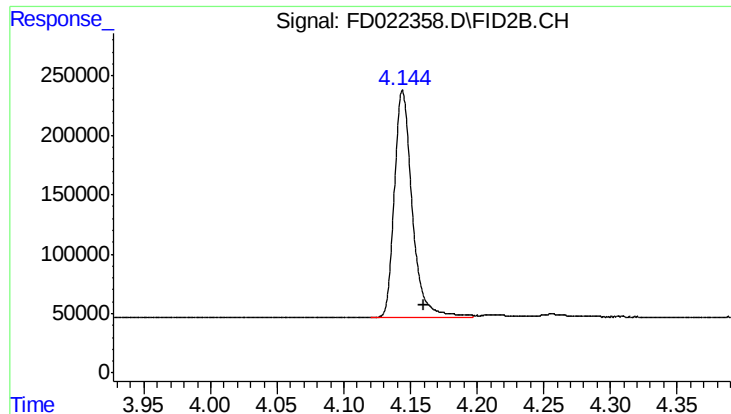
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:38 AM

Integration File: autoint1.e
Quant Time: Mar 06 08:14:32 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





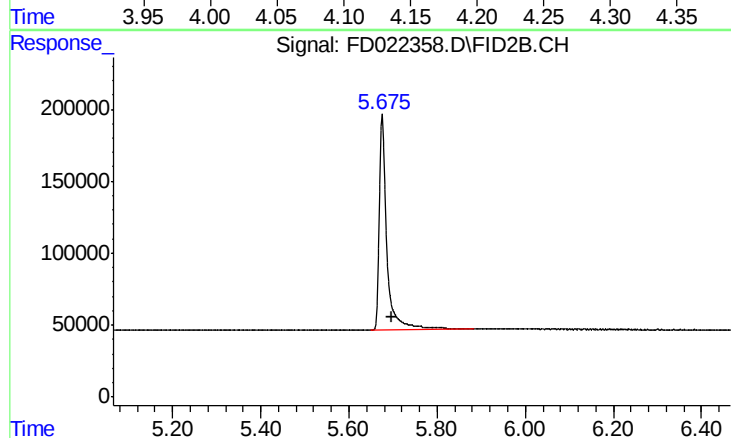
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.144 min
Delta R.T.: -0.016 min
Response: 1787874
Conc: 20.25 ug/ml

Instrument :
FID_D
ClientSampleId :

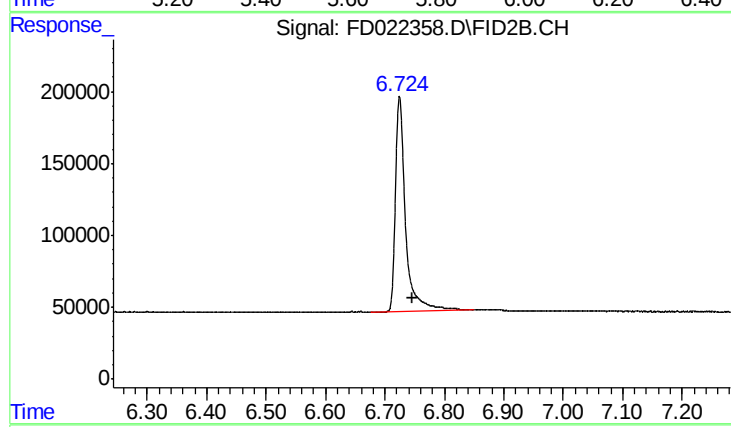
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:38 AM



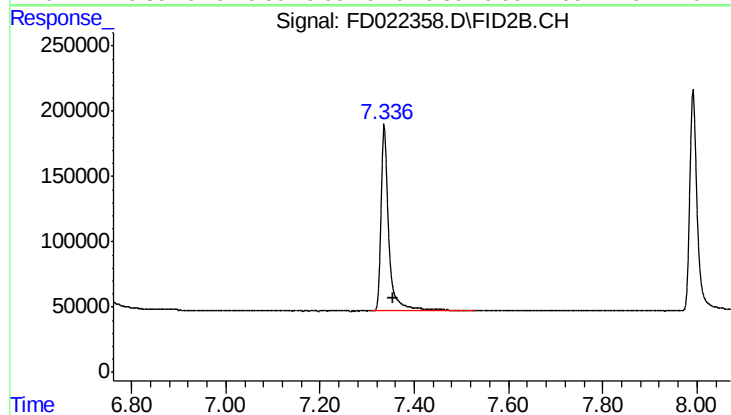
#2 Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.021 min
Response: 1795747
Conc: 20.07 ug/ml



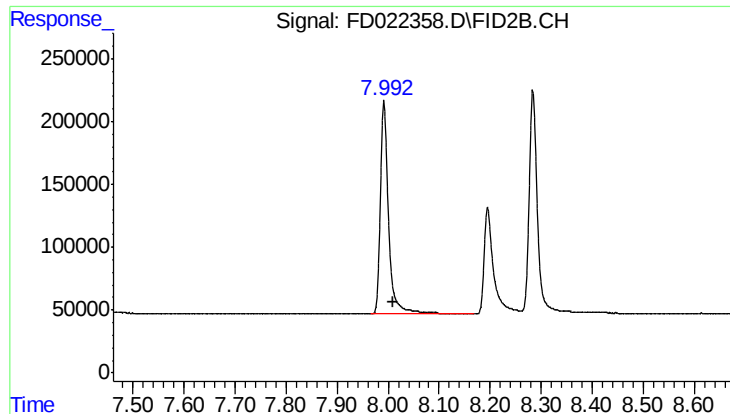
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.021 min
Response: 1763939
Conc: 19.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.019 min
Response: 1631745
Conc: 19.48 ug/ml



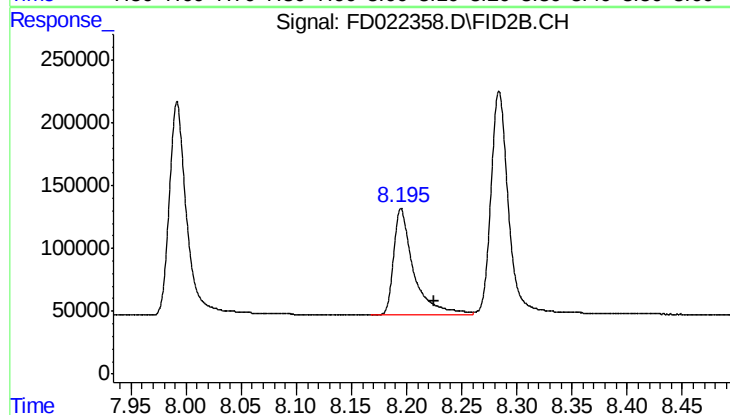
#5 Acenaphthylene (C15.06)

R.T.: 7.992 min
Delta R.T.: -0.017 min
Response: 1891507
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :

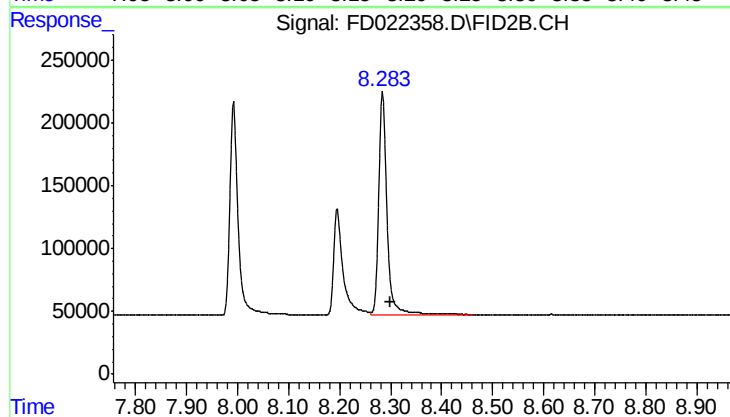
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:38 AM



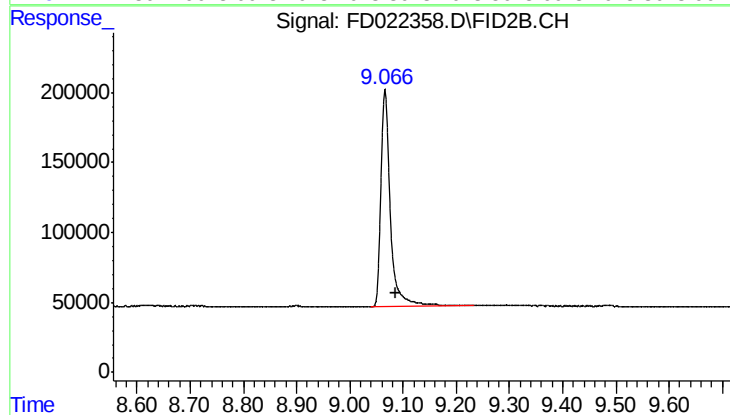
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.195 min
Delta R.T.: -0.030 min
Response: 1068712
Conc: 21.14 ug/ml



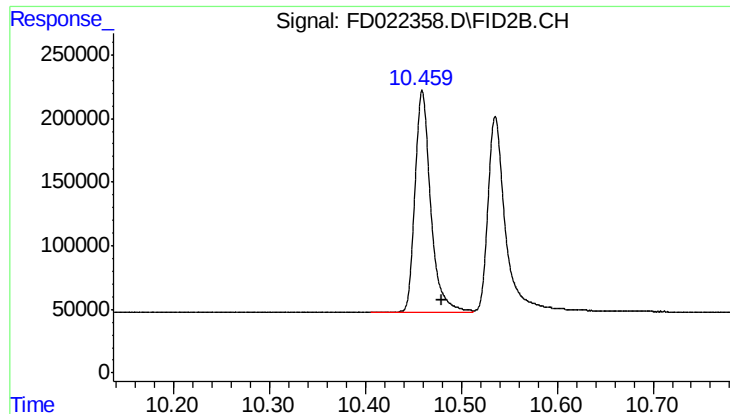
#7 Acenaphthene (C15.5)

R.T.: 8.284 min
Delta R.T.: -0.015 min
Response: 2009793
Conc: 19.62 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.066 min
Delta R.T.: -0.020 min
Response: 1913990
Conc: 20.41 ug/ml



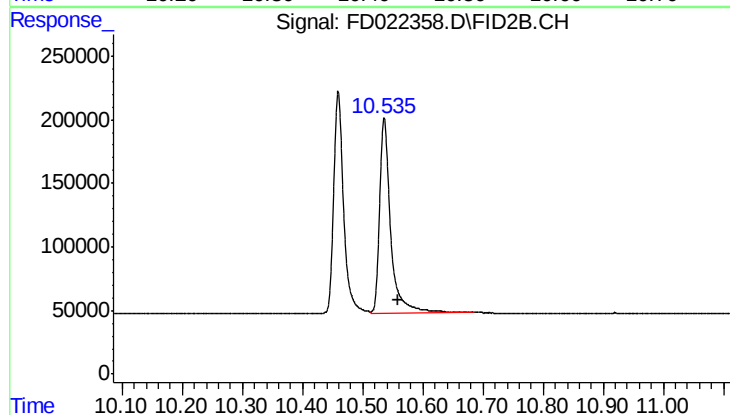
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.021 min
Response: 1996126
Conc: 21.42 ug/ml

Instrument :
FID_D
ClientSampleId :

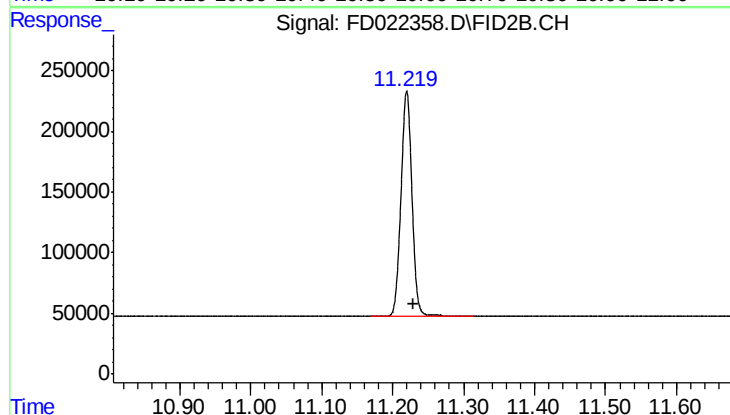
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:38 AM



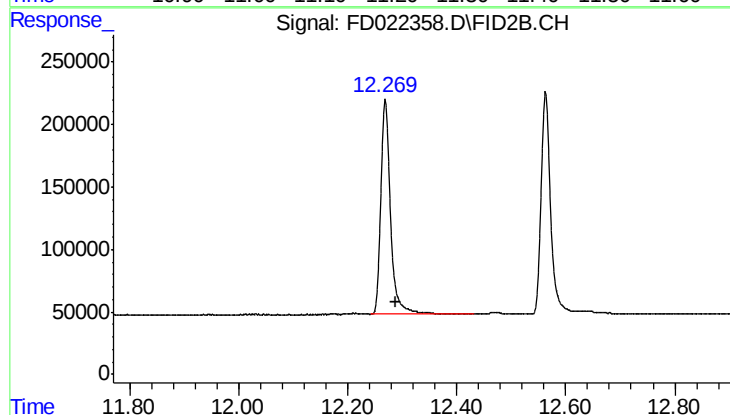
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.023 min
Response: 1982867
Conc: 20.91 ug/ml



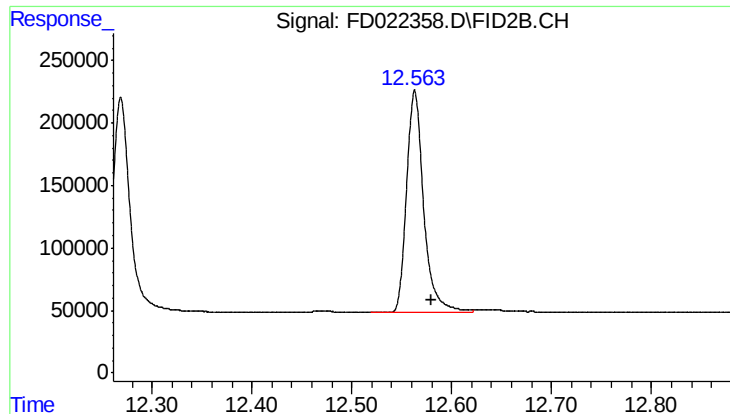
#11 ortho-Terphenyl (SURR)

R.T.: 11.220 min
Delta R.T.: -0.010 min
Response: 1986895
Conc: 20.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.269 min
Delta R.T.: -0.019 min
Response: 2125779
Conc: 21.19 ug/ml



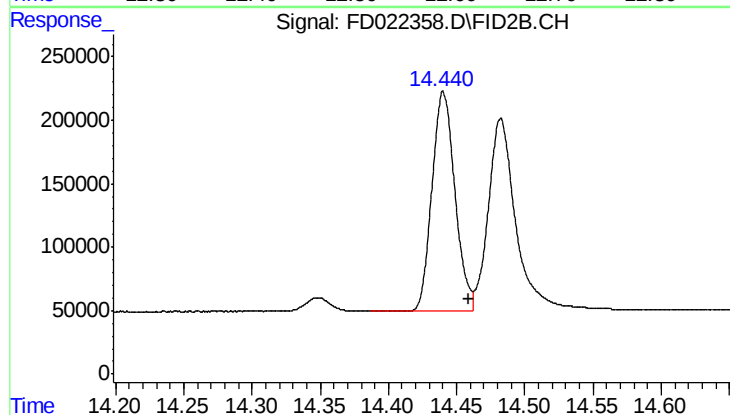
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.017 min
Response: 2128716
Conc: 20.95 ug/ml

Instrument :
FID_D
ClientSampleId :

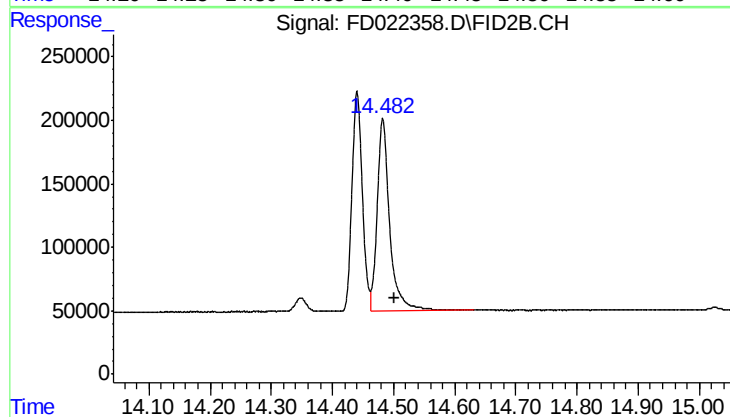
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:38 AM



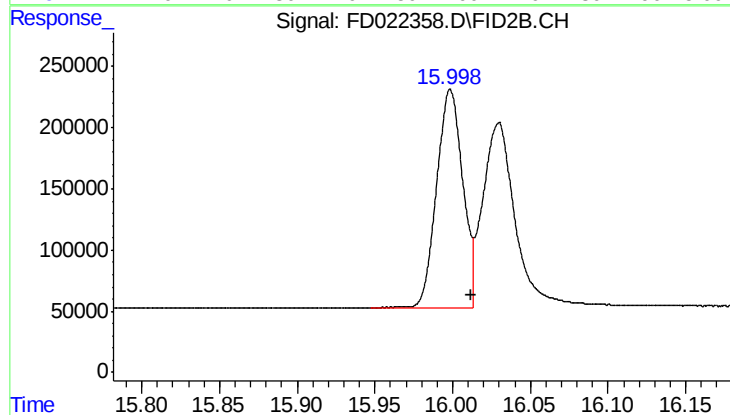
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: -0.019 min
Response: 2026987
Conc: 21.02 ug/ml



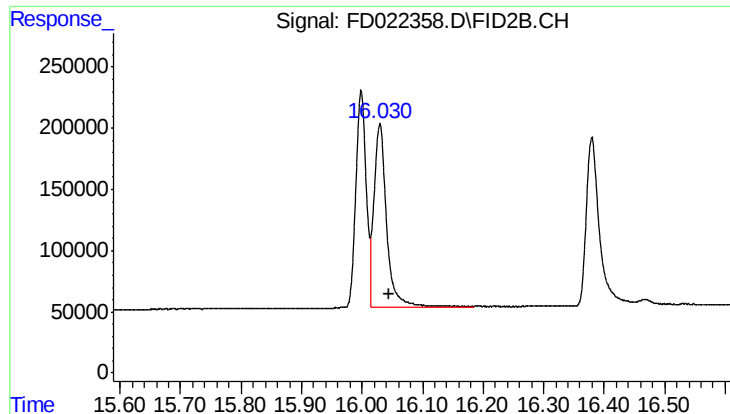
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.018 min
Response: 2162722
Conc: 20.04 ug/ml



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

R.T.: 15.998 min
Delta R.T.: -0.014 min
Response: 2082381
Conc: 20.71 ug/ml m



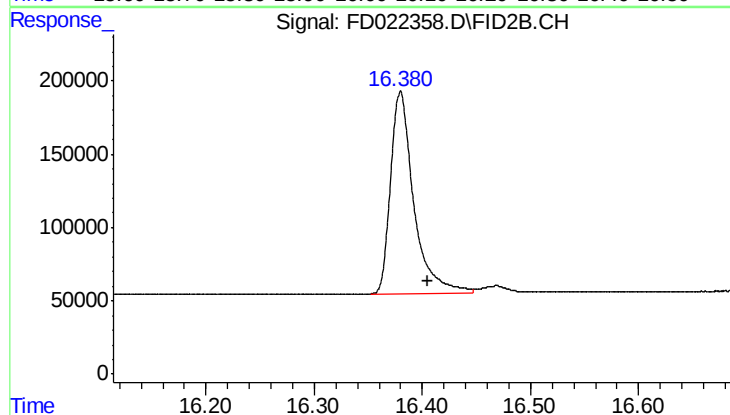
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.030 min
Delta R.T.: -0.016 min
Response: 2197207
Conc: 19.36 ug/ml

Instrument :
FID_D
ClientSampleId :

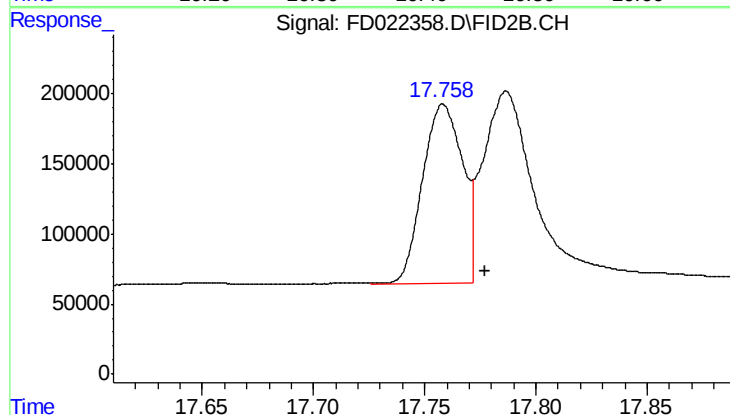
Manual Integrations
APPROVED

ugo
3/9/2018 10:56:38 AM



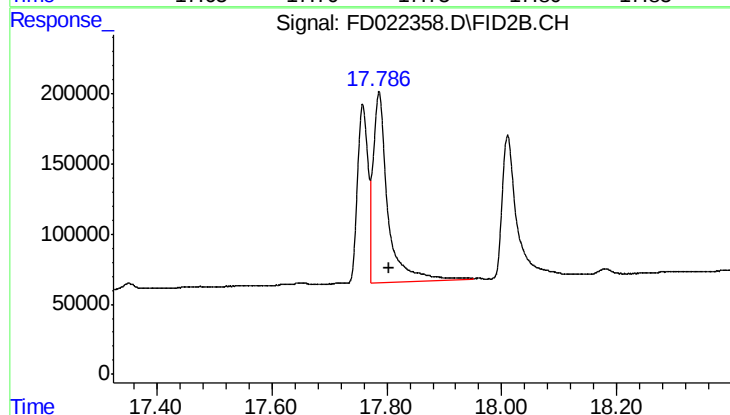
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: -0.025 min
Response: 2066289
Conc: 19.66 ug/ml m



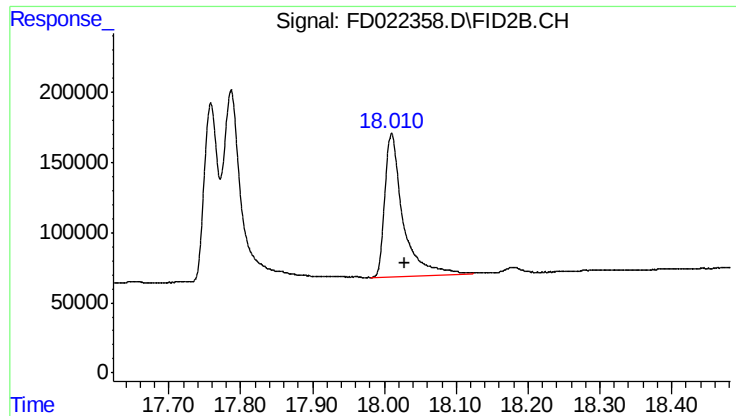
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: -0.020 min
Response: 1609241
Conc: 16.89 ug/ml m



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

R.T.: 17.787 min
Delta R.T.: -0.018 min
Response: 2442434
Conc: 21.49 ug/ml



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

R.T.: 18.010 min
Delta R.T.: -0.017 min
Response: 1799450
Conc: 17.33 ug/ml

Instrument :
FID_D
ClientSampleId :

Manual Integrations
APPROVED

ugo
3/9/2018 10:56:38 AM