

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062419AR\
 Data File : FD029503.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2019 11:07
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 25 00:43:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 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...	7.714	2233133	19.221 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
6) S 2-Fluorobiphenyl (SURR)	8.577	1492963	18.835 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.67%
11) S ortho-Terphenyl (SURR)	11.613	2306585	17.974 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.511	2452167	20.071 ug/ml
2) T Naphthalene (C11.7)	6.053	2568176	19.707 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	2503578	19.394 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2368448	18.734 ug/ml
7) T Acenaphthene (C15.5)	8.677	2465431	18.894 ug/ml
8) T Flouorene (C16.55)	9.456	2397214	18.423 ug/ml
9) T Phenanthrene (C19.36)	10.851	2353024	17.933 ug/ml
10) T Anthracene (C19.43)	10.925	2303914	17.827 ug/ml
12) T Fluoranthene (C21.85)	12.659	2315204	17.604 ug/mlm
13) T Pyrene (C20.8)	12.958	2313768	17.570 ug/ml
14) T Benzo[a]anthracene (C...	14.824	2138220	17.003 ug/ml
15) T Chrysene (C27.41)	14.866	2167481	17.189 ug/ml
16) T benzo[b]fluoranthene ...	16.370	2181844	17.617 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2163989	17.569 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2162545	17.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	2064054	17.494 ug/ml
20) T Dibenz[a,h]anthracene...	18.148	1991711	17.206 ug/ml
21) T Benzo[g,h,i]perylene ...	18.364	2115910	18.227 ug/ml

(f)=RT Delta > 1/2 Window

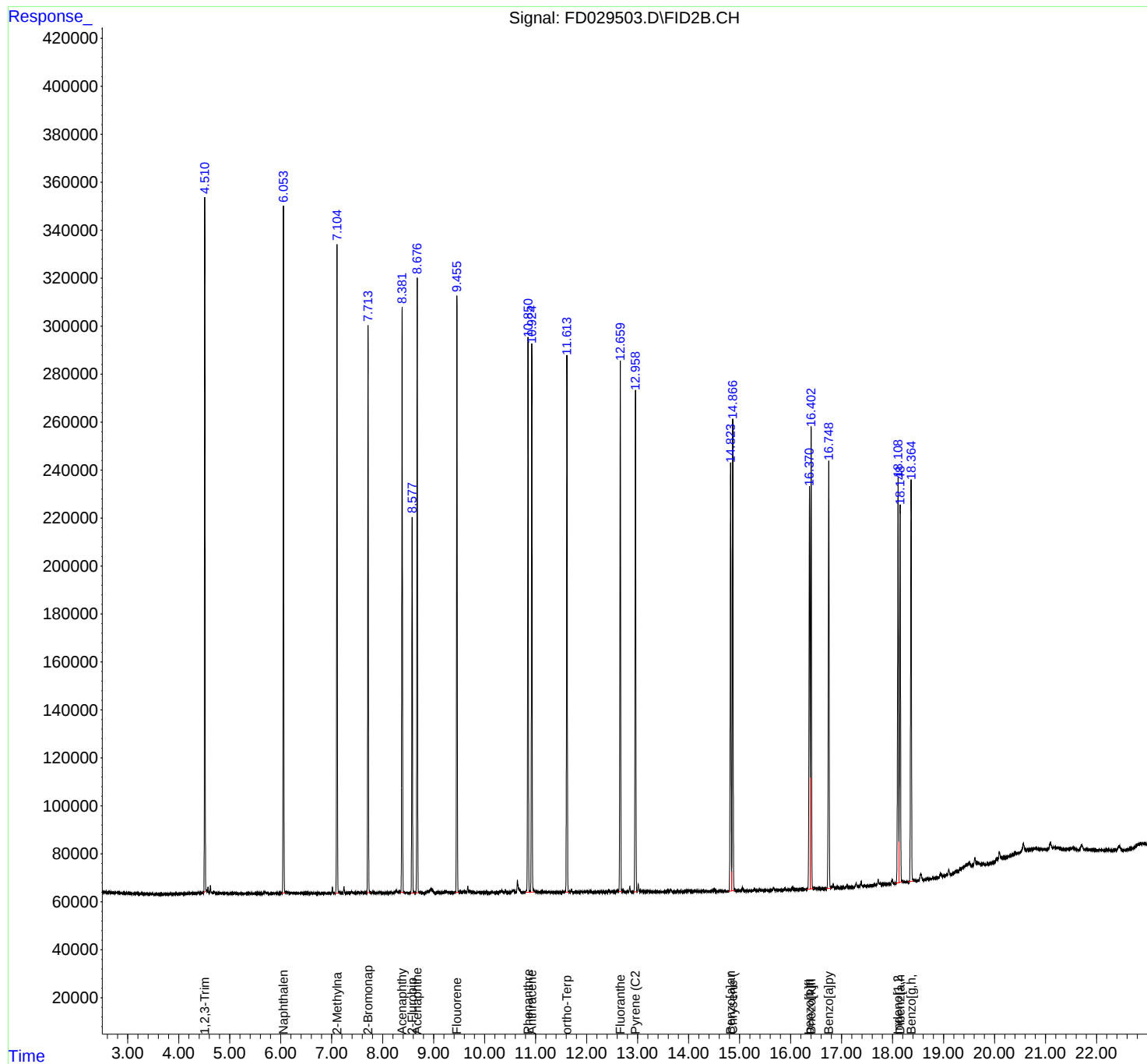
(m)=manual int.

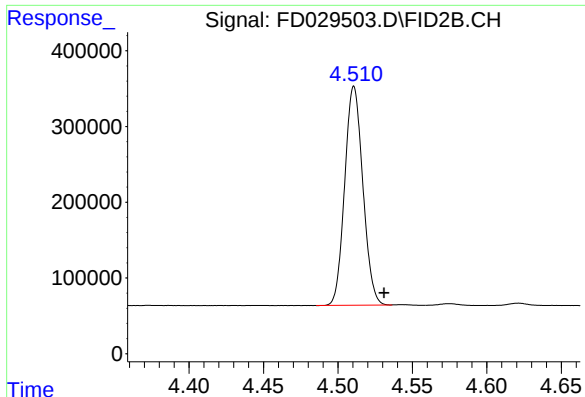
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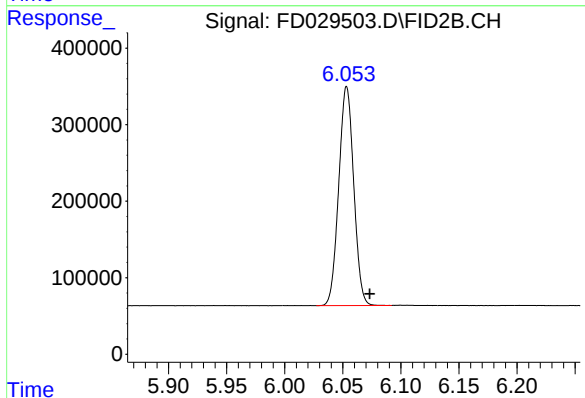




#1 1,2,3-Trimethylbenzene (C10.1)

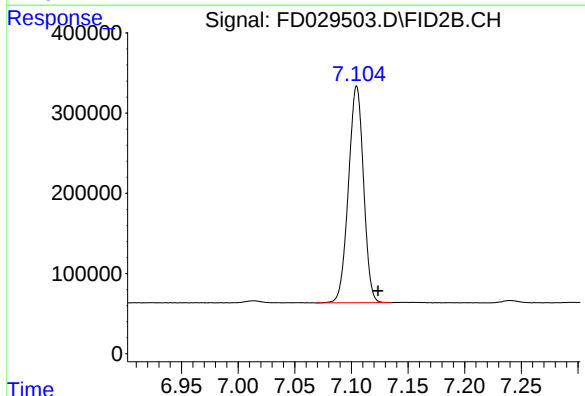
R.T.: 4.511 min
Delta R.T.: -0.020 min
Response: 2452167
Conc: 20.07 ug/ml

Instrument :
FID_B
ClientSampleId :



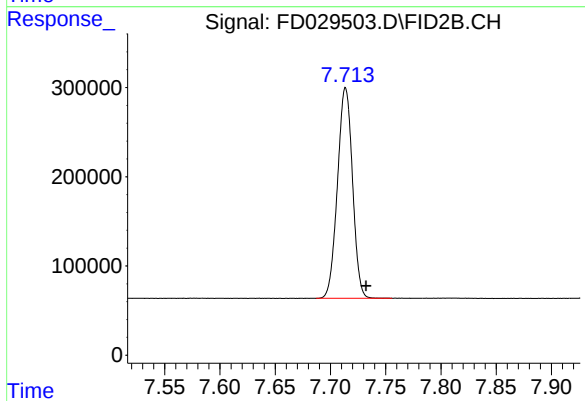
#2 Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.020 min
Response: 2568176
Conc: 19.71 ug/ml



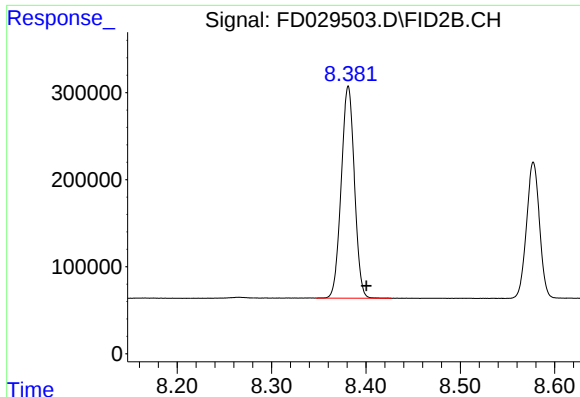
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: -0.019 min
Response: 2503578
Conc: 19.39 ug/ml



#4 2-Bromonaphthalene (SURR)

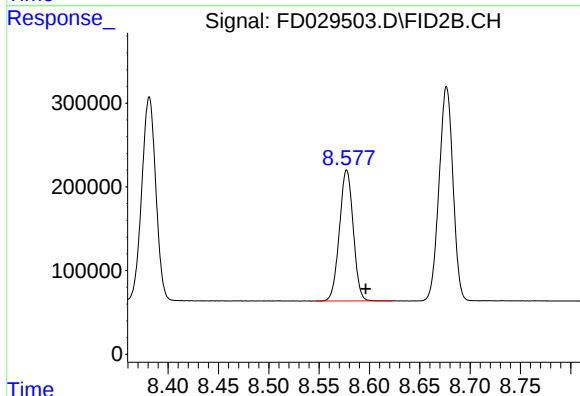
R.T.: 7.714 min
Delta R.T.: -0.018 min
Response: 2233133
Conc: 19.22 ug/ml



#5 Acenaphthylene (C15.06)

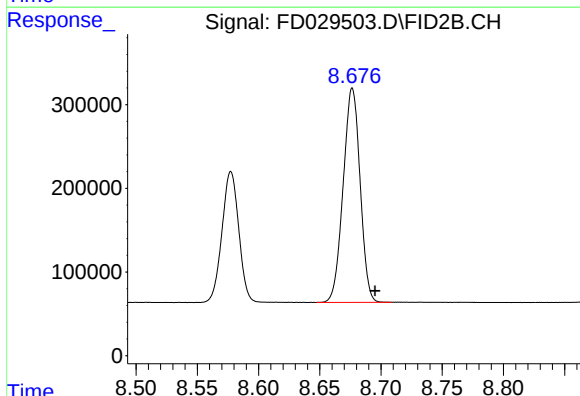
R.T.: 8.381 min
Delta R.T.: -0.019 min
Response: 2368448
Conc: 18.73 ug/ml

Instrument :
FID_B
ClientSampleId :



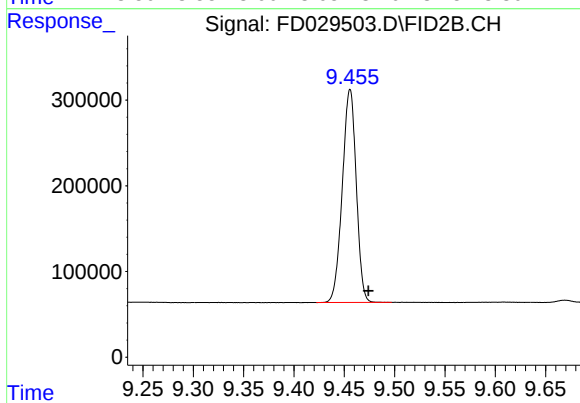
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.577 min
Delta R.T.: -0.019 min
Response: 1492963
Conc: 18.83 ug/ml



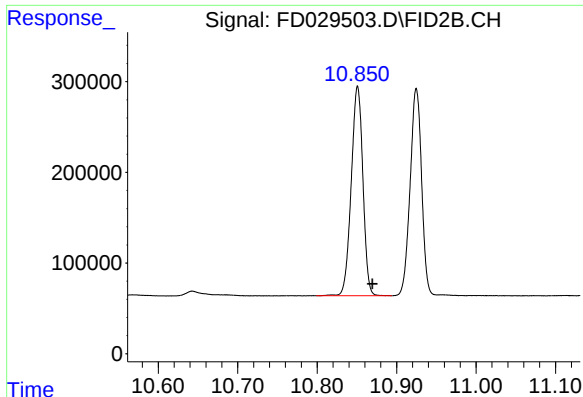
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: -0.018 min
Response: 2465431
Conc: 18.89 ug/ml



#8 Flouorene (C16.55)

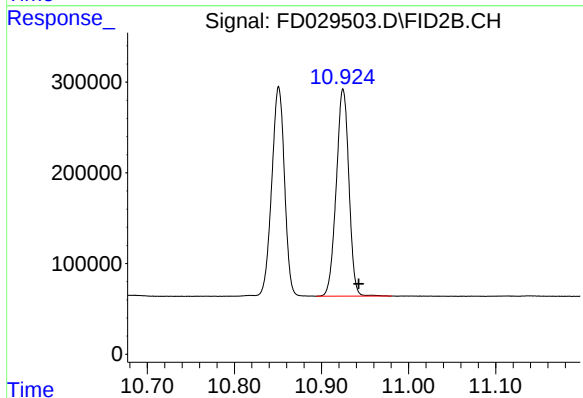
R.T.: 9.456 min
Delta R.T.: -0.018 min
Response: 2397214
Conc: 18.42 ug/ml



#9 Phenanthrene (C19.36)

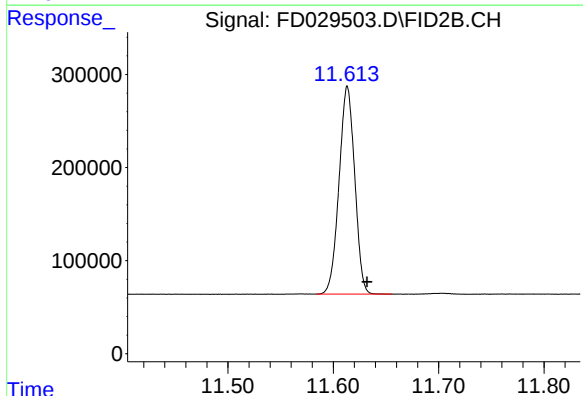
R.T.: 10.851 min
Delta R.T.: -0.018 min
Response: 2353024
Conc: 17.93 ug/ml

Instrument :
FID_B
ClientSampleId :



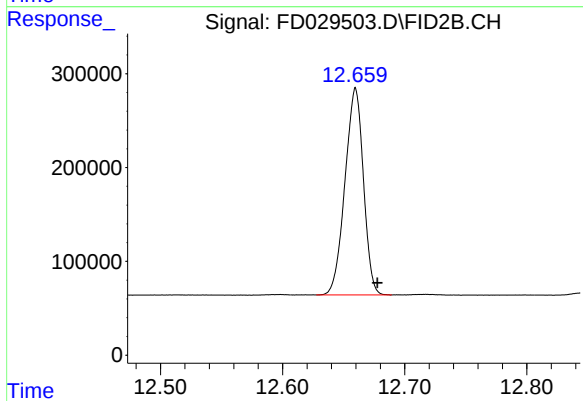
#10 Anthracene (C19.43)

R.T.: 10.925 min
Delta R.T.: -0.018 min
Response: 2303914
Conc: 17.83 ug/ml



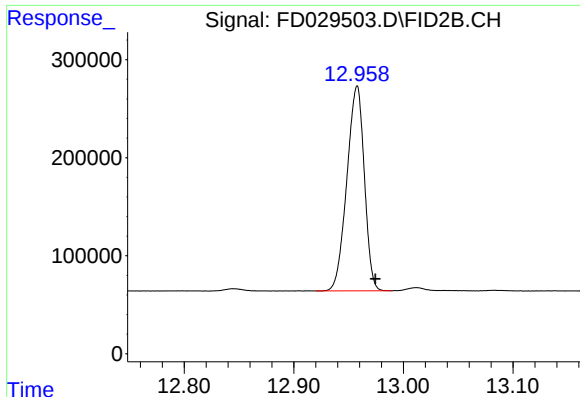
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: -0.019 min
Response: 2306585
Conc: 17.97 ug/ml



#12 Fluoranthene (C21.85)

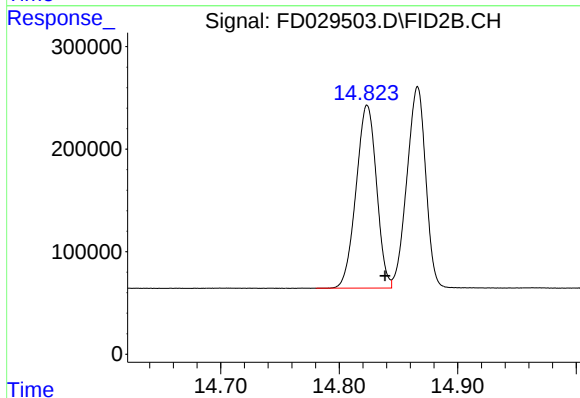
R.T.: 12.659 min
Delta R.T.: -0.018 min
Response: 2315204
Conc: 17.60 ug/ml m



#13 Pyrene (C20.8)

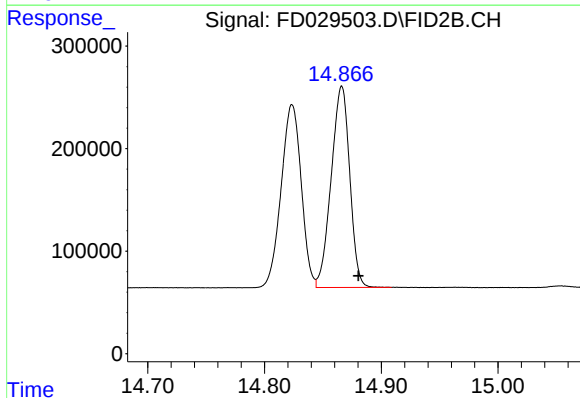
R.T.: 12.958 min
Delta R.T.: -0.017 min
Response: 2313768
Conc: 17.57 ug/ml

Instrument :
FID_B
ClientSampleId :



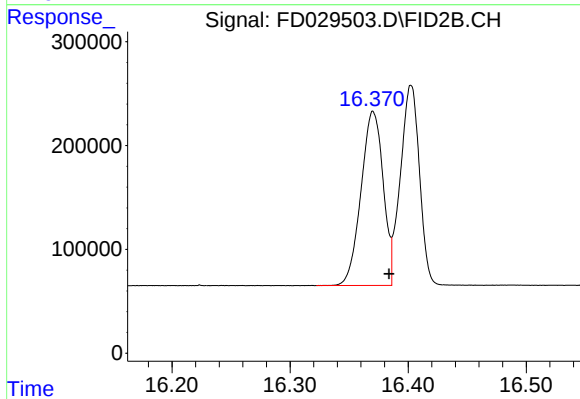
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.015 min
Response: 2138220
Conc: 17.00 ug/ml



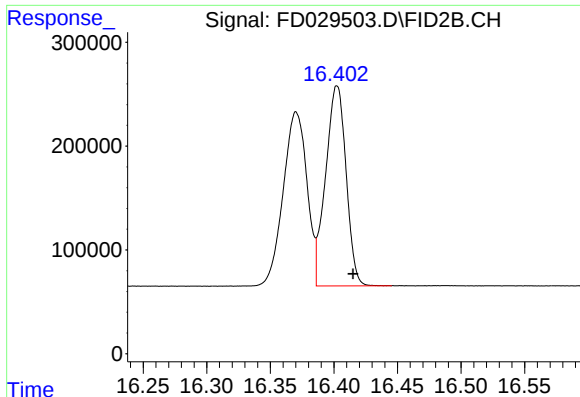
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.014 min
Response: 2167481
Conc: 17.19 ug/ml



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

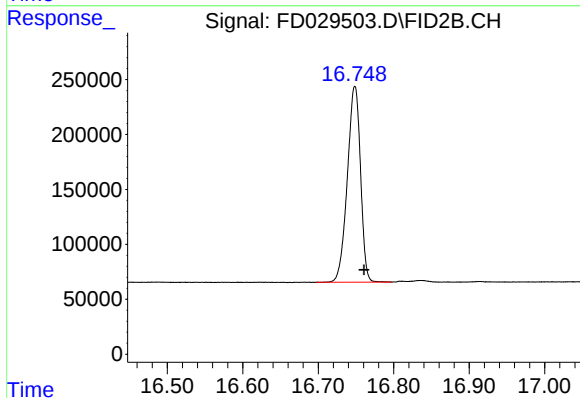
R.T.: 16.370 min
Delta R.T.: -0.013 min
Response: 2181844
Conc: 17.62 ug/ml



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

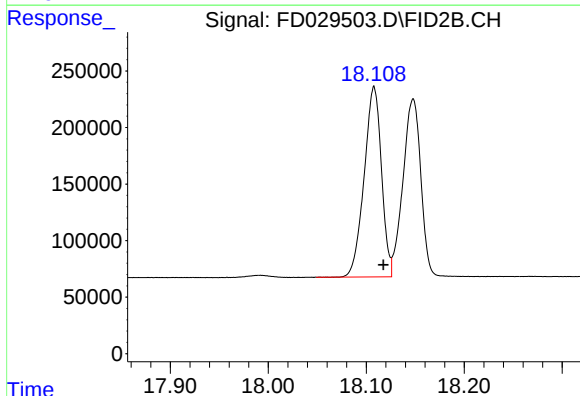
R.T.: 16.403 min
Delta R.T.: -0.013 min
Response: 2163989
Conc: 17.57 ug/ml

Instrument :
FID_B
ClientSampleId :



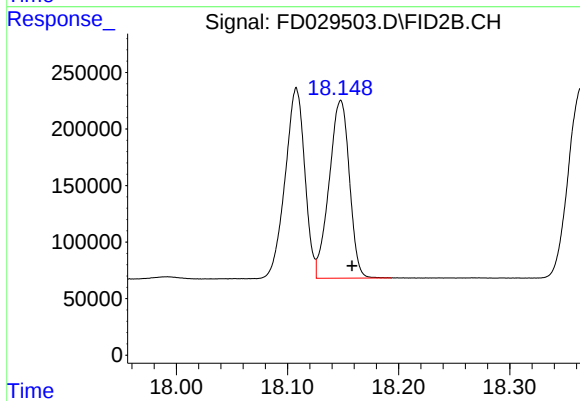
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: -0.012 min
Response: 2162545
Conc: 17.68 ug/ml



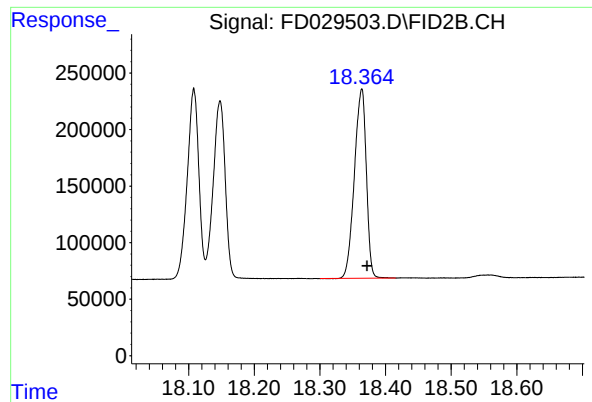
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: -0.010 min
Response: 2064054
Conc: 17.49 ug/ml



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

R.T.: 18.148 min
Delta R.T.: -0.010 min
Response: 1991711
Conc: 17.21 ug/ml



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

R.T.: 18.364 min
Delta R.T.: -0.008 min
Response: 2115910
Conc: 18.23 ug/ml

Instrument :
FID_B
ClientSampleId :