

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072920AR\
 Data File : FD034237.D
 Signal(s) : FID2B.CH
 Acq On : 30 Jul 2020 12:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 30 15:34:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 2020
 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...	7.710	2226768	18.539 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
6) S 2-Fluorobiphenyl (SURR)	8.579	1505467	17.762 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.52%
11) S ortho-Terphenyl (SURR)	11.619	2343189	17.319 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	2589067	19.603 ug/ml
2) T Naphthalene (C11.7)	6.047	2620744	18.921 ug/ml
3) T 2-Methylnaphthalene (...)	7.101	2577763	18.509 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2390008	17.777 ug/ml
7) T Acenaphthene (C15.5)	8.677	2445332	17.866 ug/ml
8) T Flouorene (C16.55)	9.458	2353471	17.504 ug/ml
9) T Phenanthrene (C19.36)	10.858	2297800	17.194 ug/ml
10) T Anthracene (C19.43)	10.933	2049563	15.446 ug/ml
12) T Fluoranthene (C21.85)	12.674	2247452	16.916 ug/ml
13) T Pyrene (C20.8)	12.972	2200481	16.974 ug/ml
14) T Benzo[a]anthracene (C...	14.844	2175886	17.479 ug/ml
15) T Chrysene (C27.41)	14.886	2208985	17.788 ug/ml
16) T benzo[b]fluoranthene ...	16.396	2228600	18.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.396	2228600	19.233 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.776	2200886	18.913 ug/ml
20) T Dibenz[a,h]anthracene...	18.140	2221048	20.102 ug/ml
21) T Benzo[g,h,i]perylene ...	18.396	2166967	19.623 ug/ml

(f)=RT Delta > 1/2 Window

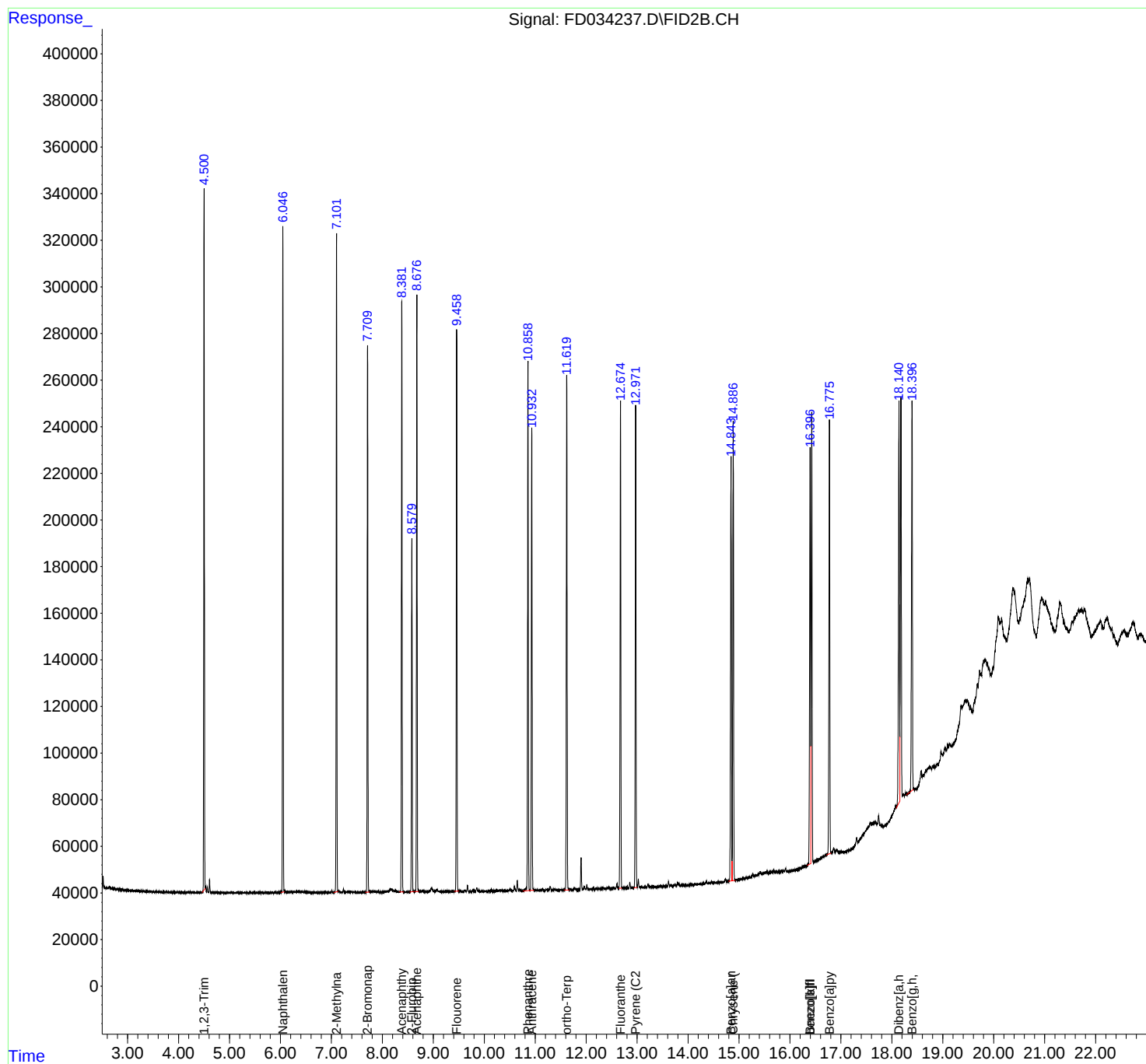
(m)=manual int.

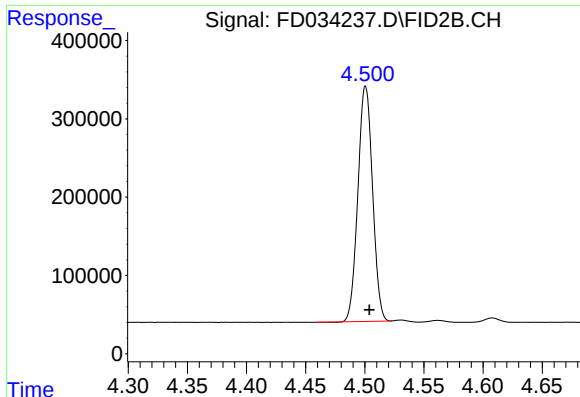
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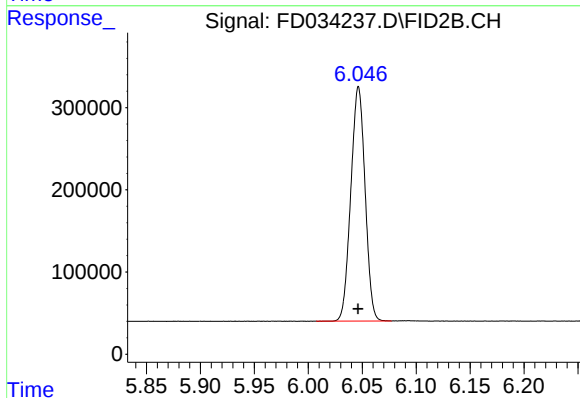




#1 1,2,3-Trimethylbenzene (C10.1)

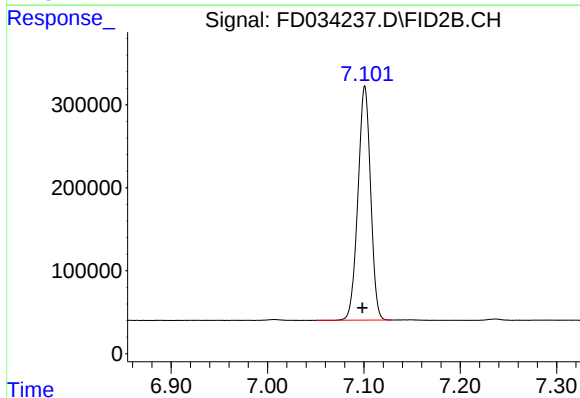
R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: 2589067
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



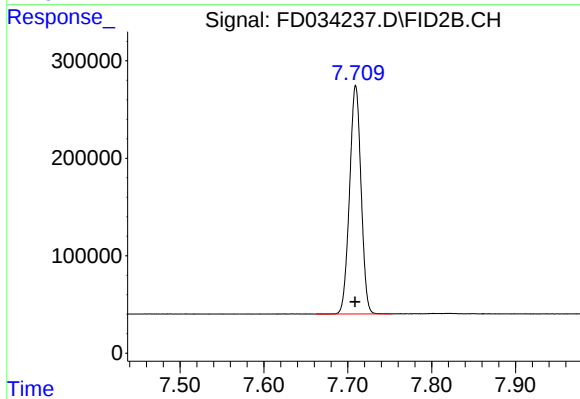
#2 Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 2620744
Conc: 18.92 ug/ml



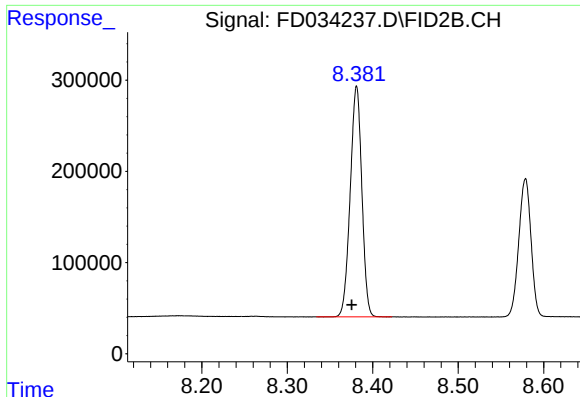
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 2577763
Conc: 18.51 ug/ml



#4 2-Bromonaphthalene (SURR)

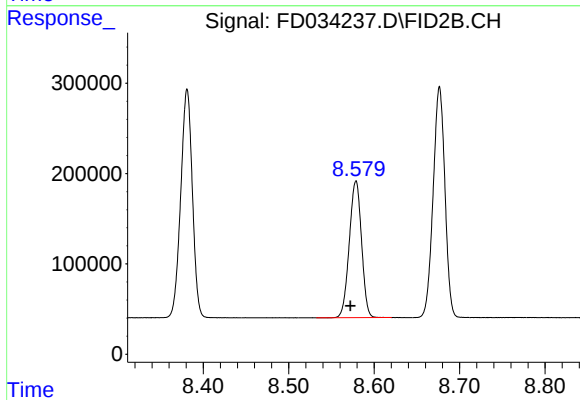
R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 2226768
Conc: 18.54 ug/ml



#5 Acenaphthylene (C15.06)

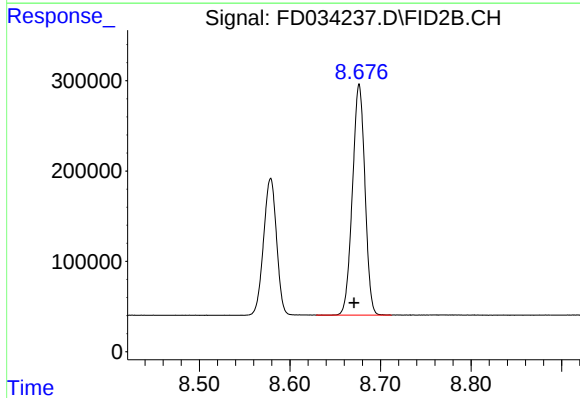
R.T.: 8.381 min
Delta R.T.: 0.006 min
Response: 2390008
Conc: 17.78 ug/ml

Instrument :
FID_C
ClientSampleId :



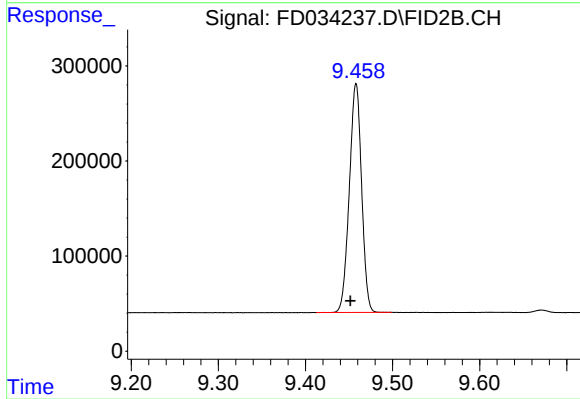
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.006 min
Response: 1505467
Conc: 17.76 ug/ml



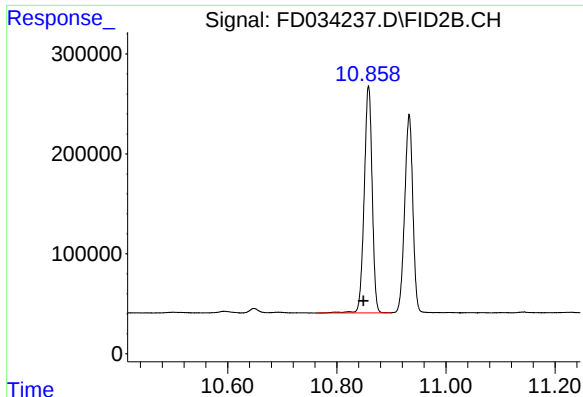
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.006 min
Response: 2445332
Conc: 17.87 ug/ml



#8 Flouorene (C16.55)

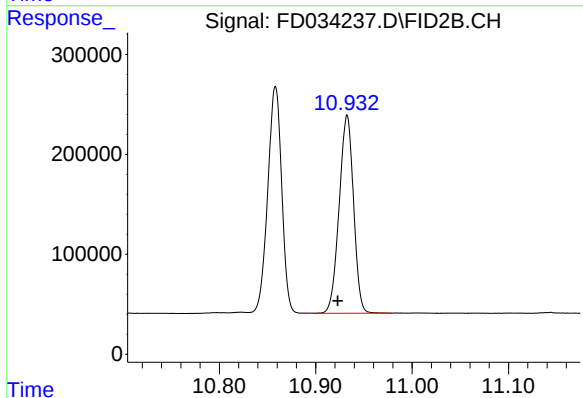
R.T.: 9.458 min
Delta R.T.: 0.007 min
Response: 2353471
Conc: 17.50 ug/ml



#9 Phenanthrene (C19.36)

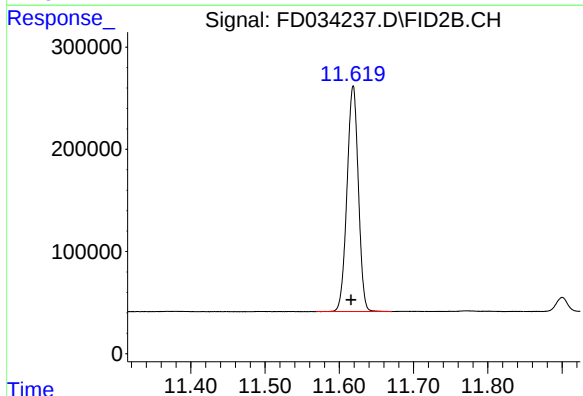
R.T.: 10.858 min
Delta R.T.: 0.009 min
Response: 2297800
Conc: 17.19 ug/ml

Instrument :
FID_C
ClientSampleId :



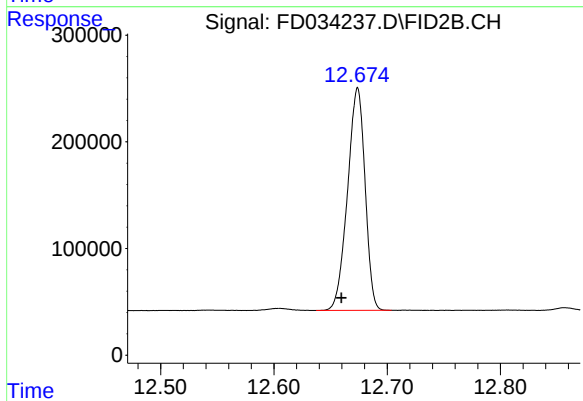
#10 Anthracene (C19.43)

R.T.: 10.933 min
Delta R.T.: 0.010 min
Response: 2049563
Conc: 15.45 ug/ml



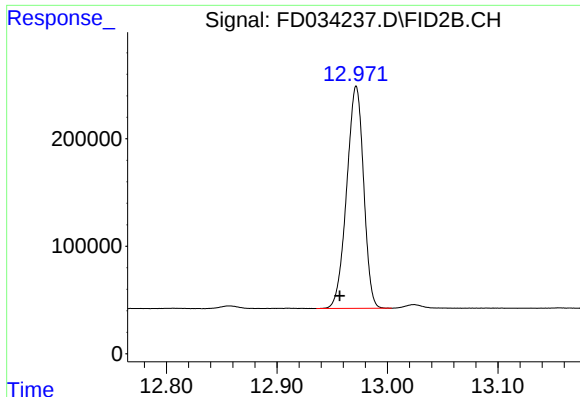
#11 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: 0.003 min
Response: 2343189
Conc: 17.32 ug/ml



#12 Fluoranthene (C21.85)

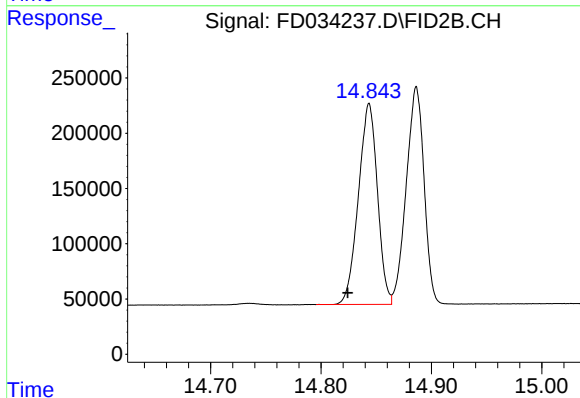
R.T.: 12.674 min
Delta R.T.: 0.014 min
Response: 2247452
Conc: 16.92 ug/ml



#13 Pyrene (C20.8)

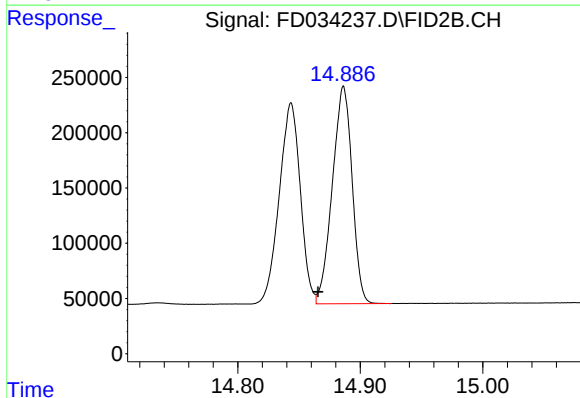
R.T.: 12.972 min
Delta R.T.: 0.015 min
Response: 2200481
Conc: 16.97 ug/ml

Instrument :
FID_C
ClientSampleId :



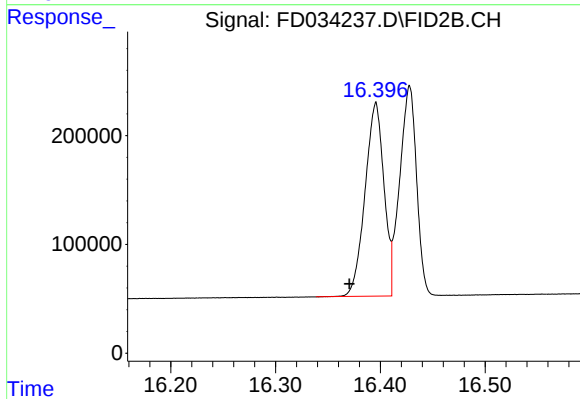
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.844 min
Delta R.T.: 0.019 min
Response: 2175886
Conc: 17.48 ug/ml



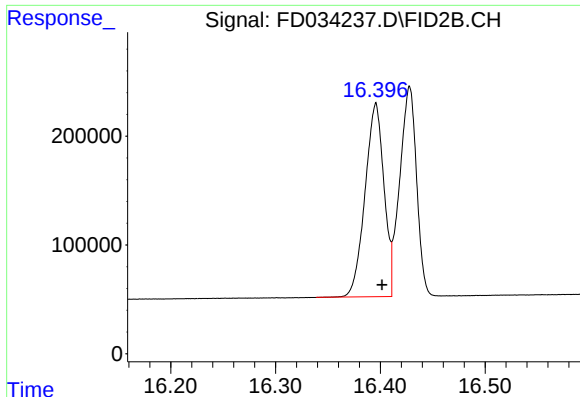
#15 Chrysene (C27.41)

R.T.: 14.886 min
Delta R.T.: 0.021 min
Response: 2208985
Conc: 17.79 ug/ml



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

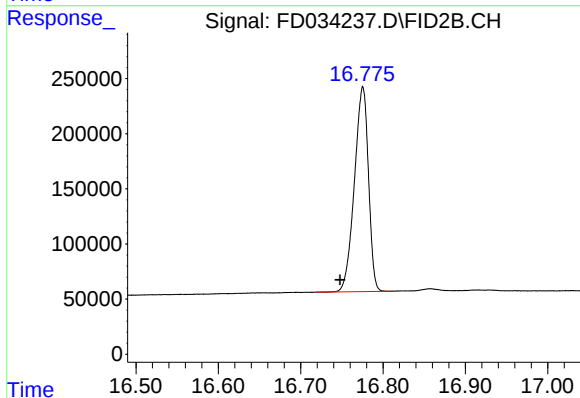
R.T.: 16.396 min
Delta R.T.: 0.025 min
Response: 2228600
Conc: 18.73 ug/ml



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

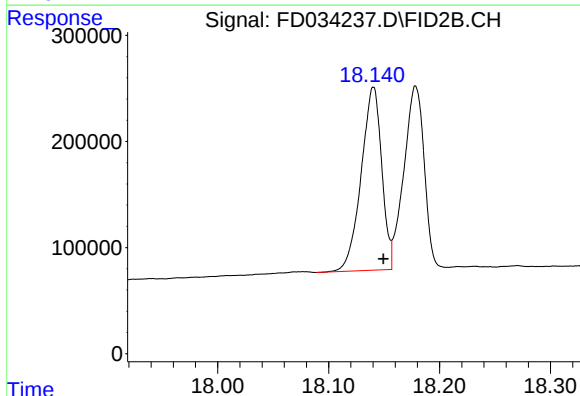
R.T.: 16.396 min
Delta R.T.: -0.006 min
Response: 2228600
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :



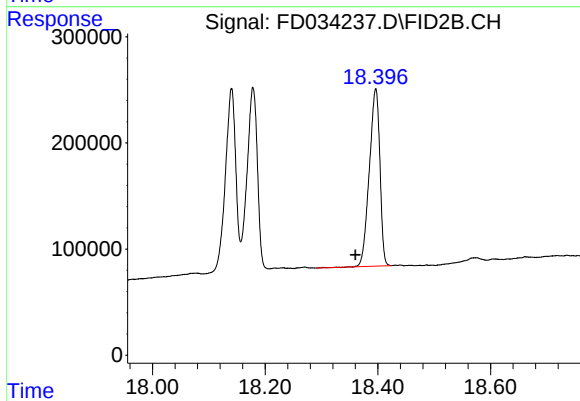
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.776 min
Delta R.T.: 0.028 min
Response: 2200886
Conc: 18.91 ug/ml



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

R.T.: 18.140 min
Delta R.T.: -0.009 min
Response: 2221048
Conc: 20.10 ug/ml



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

R.T.: 18.396 min
Delta R.T.: 0.036 min
Response: 2166967
Conc: 19.62 ug/ml