

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022386.D
 Signal(s) : FID2B.CH
 Acq On : 07 Mar 2018 2:52
 Operator : UA/AJ
 Sample : J1724-19DL 2X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 03:34:40 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...	7.333	2975759	35.520 ug/ml
Spiked Amount 50.000		Recovery =	71.04%
6) S 2-Fluorobiphenyl (SURR)	8.191	1959665	38.761 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.52%
11) S ortho-Terphenyl (SURR)	11.218	2258022	23.793 ug/ml
Spiked Amount 50.000		Recovery =	47.59%
Target Compounds			
2) T Naphthalene (C11.7)	5.694	37212	0.416 ug/ml
7) T Acenaphthene (C15.5)	8.289	67155	0.656 ug/ml
8) T Fluorene (C16.55)	9.083	16544	0.176 ug/ml
9) T Phenanthrene (C19.36)	10.461	478697	5.138 ug/ml
10) T Anthracene (C19.43)	10.551	103932	1.096 ug/ml
12) T Fluoranthene (C21.85)	12.268	923147	9.203 ug/ml
13) T Pyrene (C20.8)	12.563	873693	8.600 ug/ml
14) T Benzo[a]anthracene (C...	14.444	454999	4.718 ug/ml
15) T Chrysene (C27.41)	14.484	578534	5.360 ug/ml
16) T benzo[b]fluoranthene ...	16.004	628079	6.248 ug/ml
17) T Benzo[k]fluoranthene ...	16.037	240723	2.121 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	489722	4.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.773	348203	3.655 ug/ml
20) T Dibenz[a,h]anthracene...	17.819	128227	1.128 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	247417	2.382 ug/ml

(f)=RT Delta > 1/2 Window

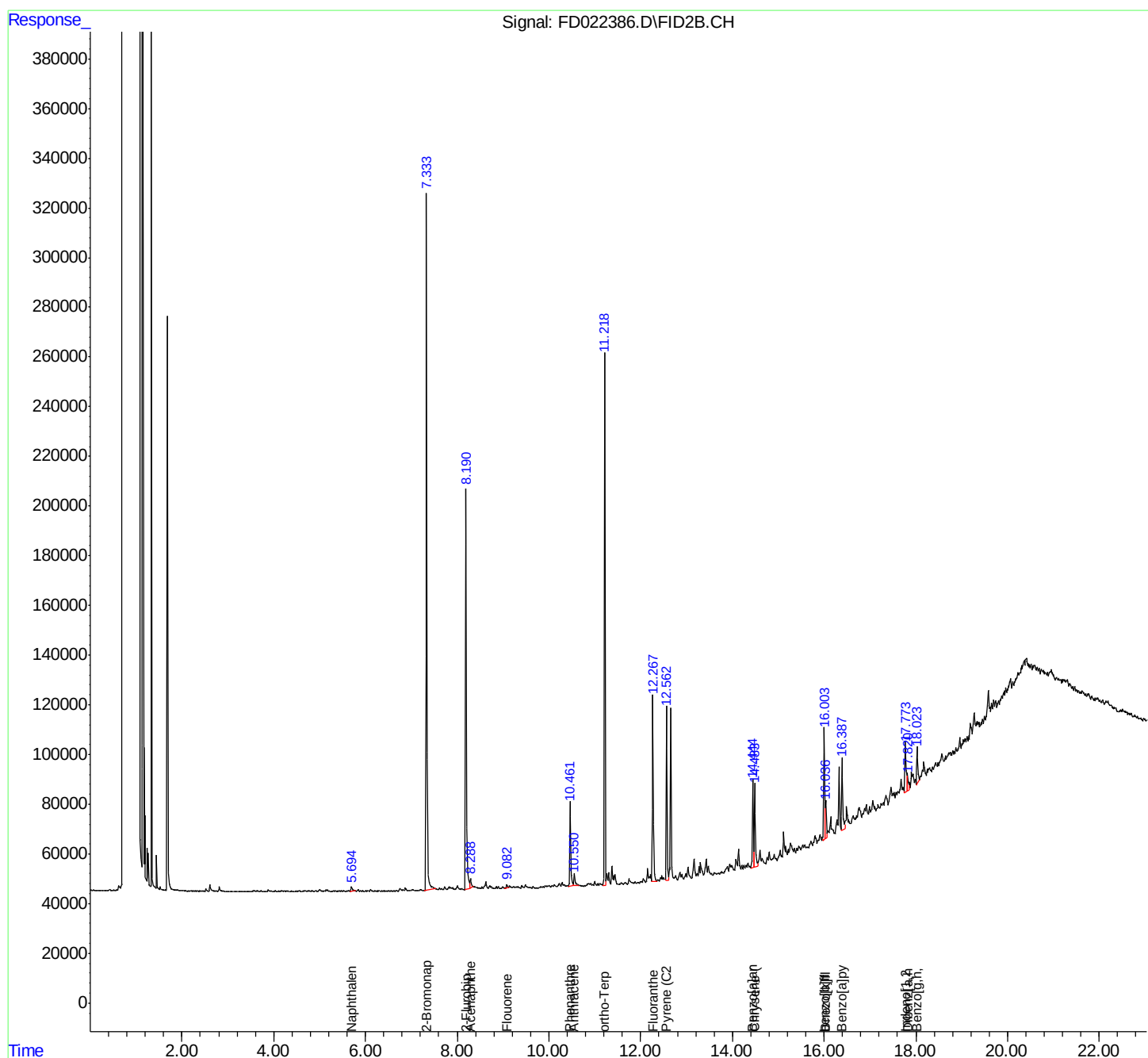
(m)=manual int.

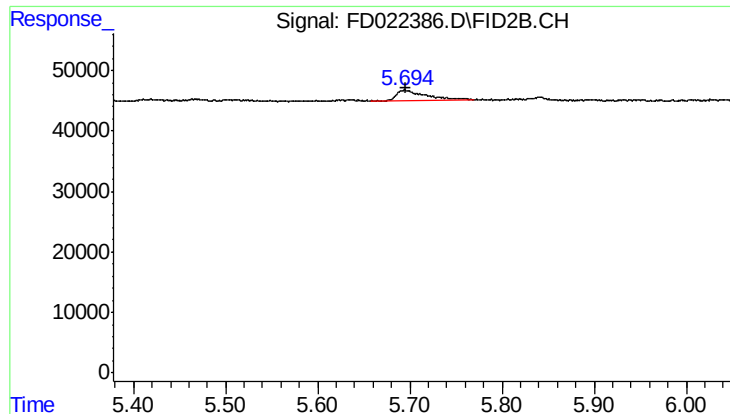
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Signal Info : 20M x 0.18mm x 0.18µm

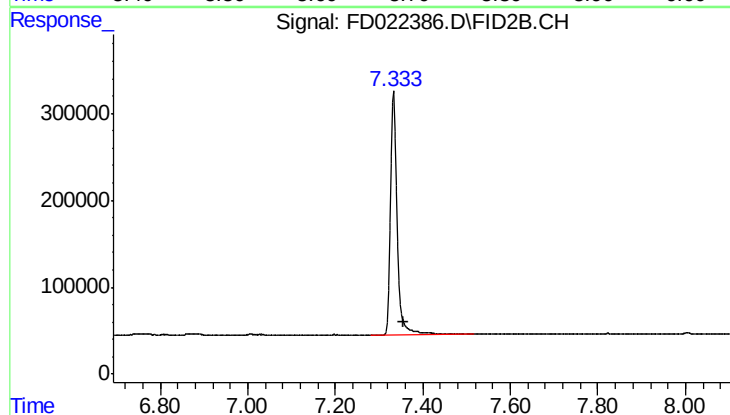




#2 Naphthalene (C11.7)

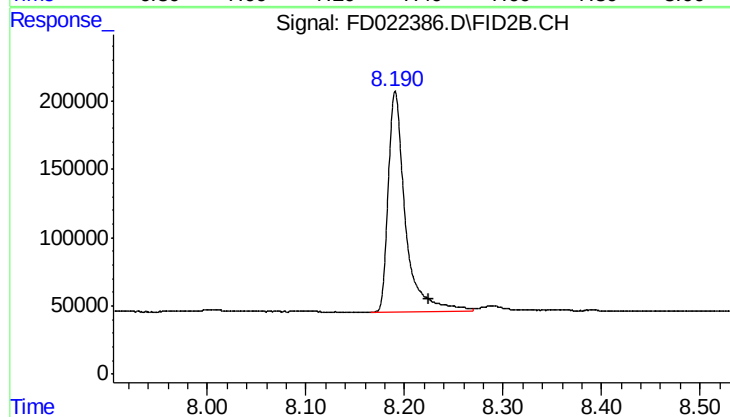
R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 37212
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



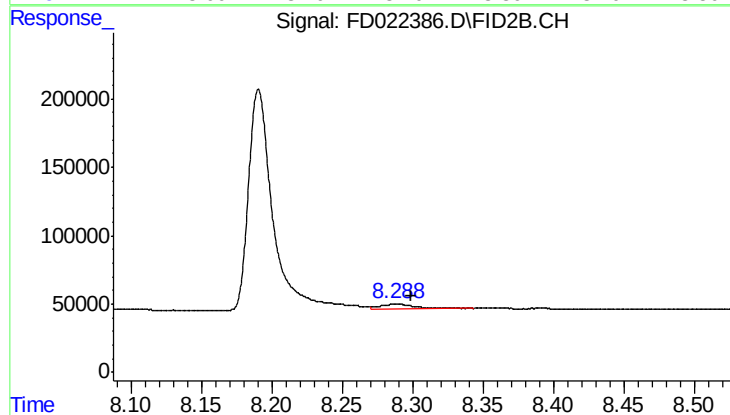
#4 2-Bromonaphthalene (SURR)

R.T.: 7.333 min
Delta R.T.: -0.022 min
Response: 2975759
Conc: 35.52 ug/ml



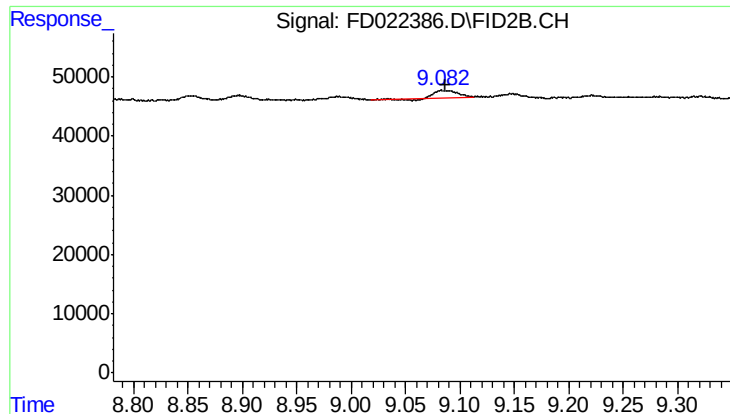
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.191 min
Delta R.T.: -0.034 min
Response: 1959665
Conc: 38.76 ug/ml



#7 Acenaphthene (C15.5)

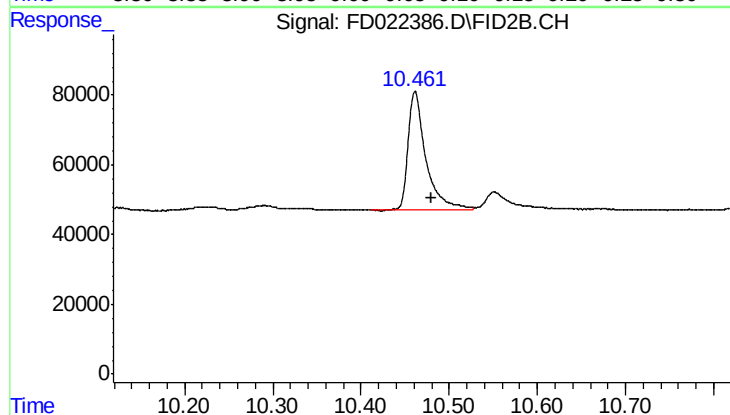
R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 67155
Conc: 0.66 ug/ml



#8 Flouorene (C16.55)

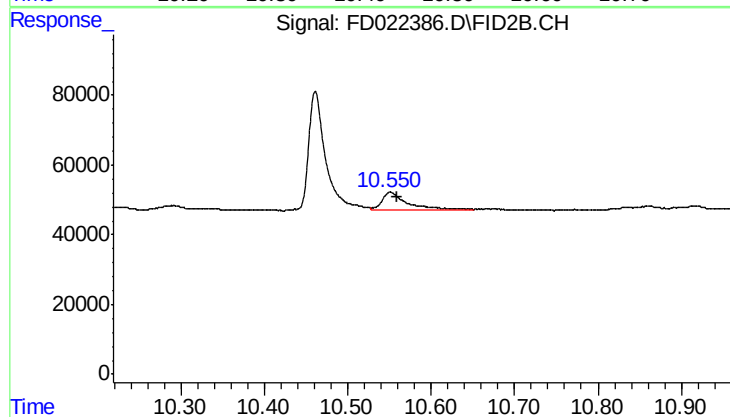
R.T.: 9.083 min
Delta R.T.: -0.004 min
Response: 16544
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



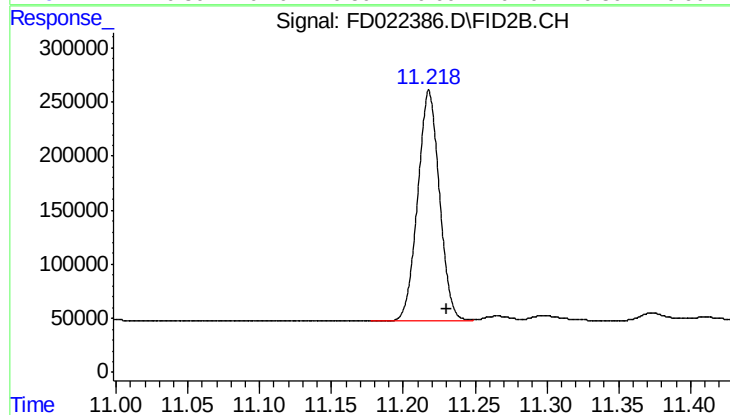
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.019 min
Response: 478697
Conc: 5.14 ug/ml



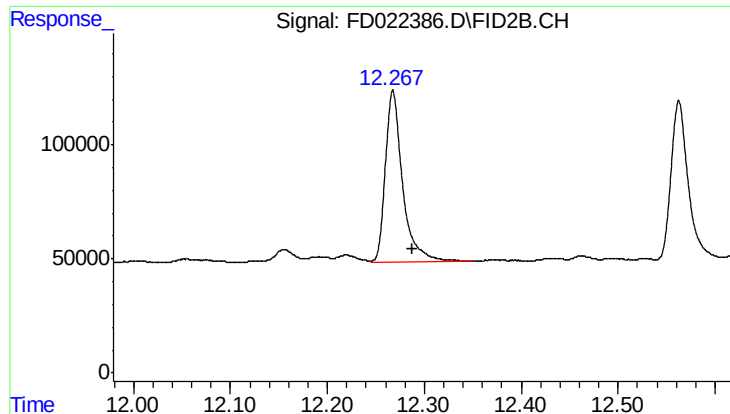
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.008 min
Response: 103932
Conc: 1.10 ug/ml



#11 ortho-Terphenyl (SURR)

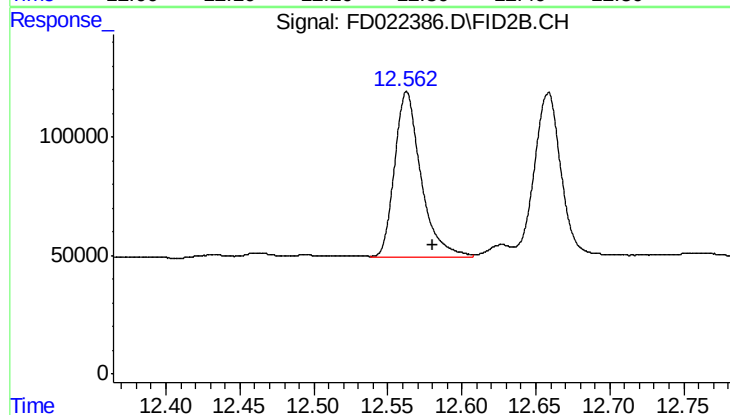
R.T.: 11.218 min
Delta R.T.: -0.012 min
Response: 2258022
Conc: 23.79 ug/ml



#12 Fluoranthene (C21.85)

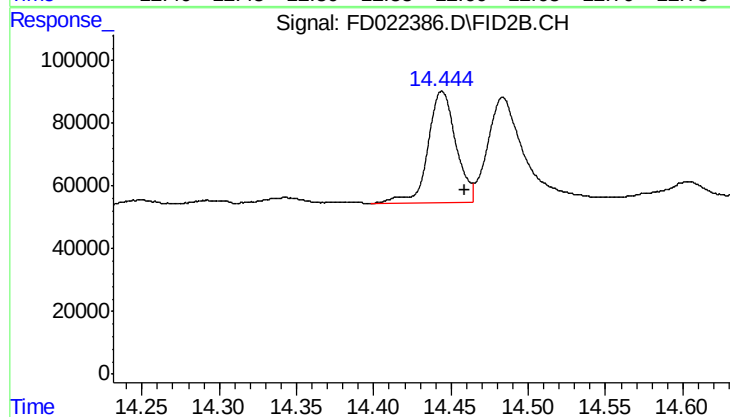
R.T.: 12.268 min
Delta R.T.: -0.020 min
Response: 923147
Conc: 9.20 ug/ml

Instrument :
FID_D
ClientSampleId :



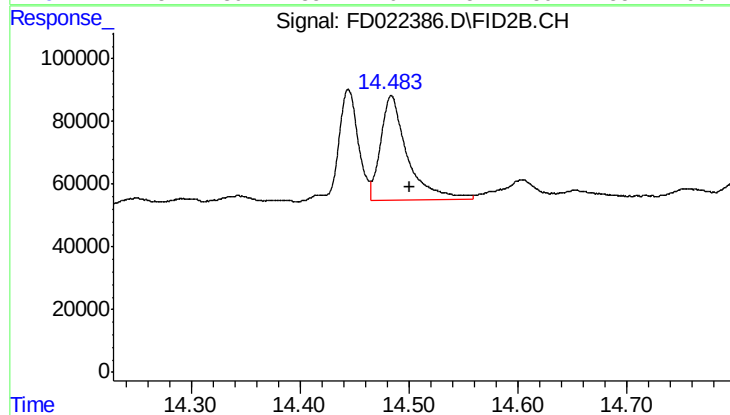
#13 Pyrene (C20.8)

R.T.: 12.563 min
Delta R.T.: -0.017 min
Response: 873693
Conc: 8.60 ug/ml



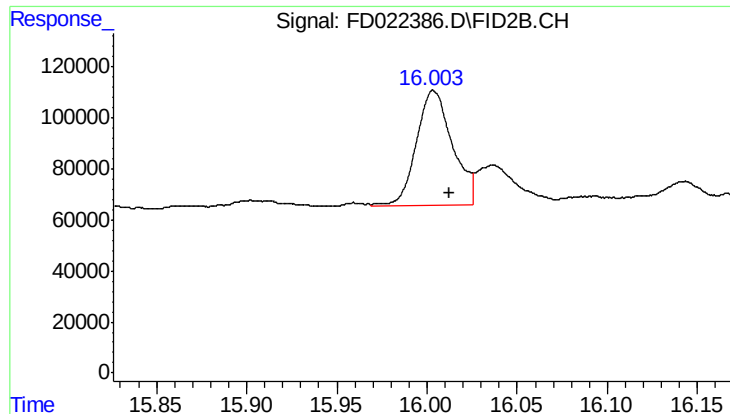
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: -0.015 min
Response: 454999
Conc: 4.72 ug/ml



#15 Chrysene (C27.41)

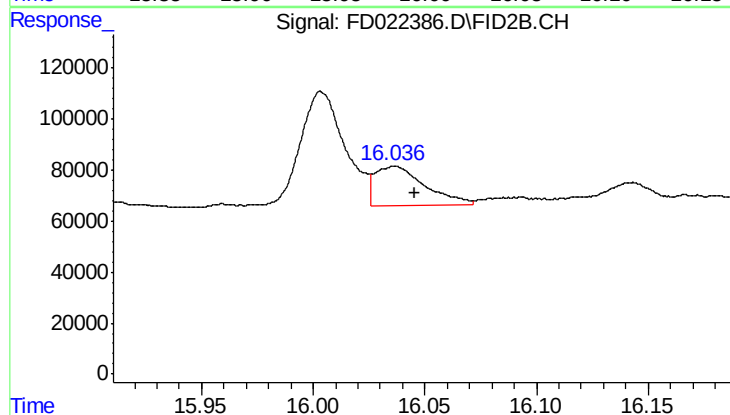
R.T.: 14.484 min
Delta R.T.: -0.017 min
Response: 578534
Conc: 5.36 ug/ml



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

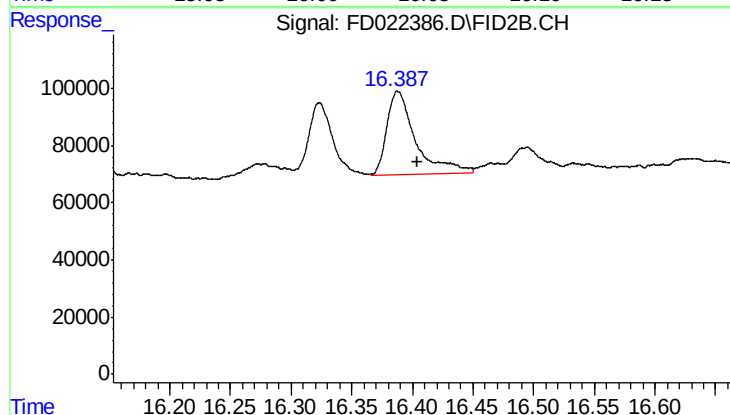
R.T.: 16.004 min
Delta R.T.: -0.008 min
Response: 628079
Conc: 6.25 ug/ml

Instrument :
FID_D
ClientSampleId :



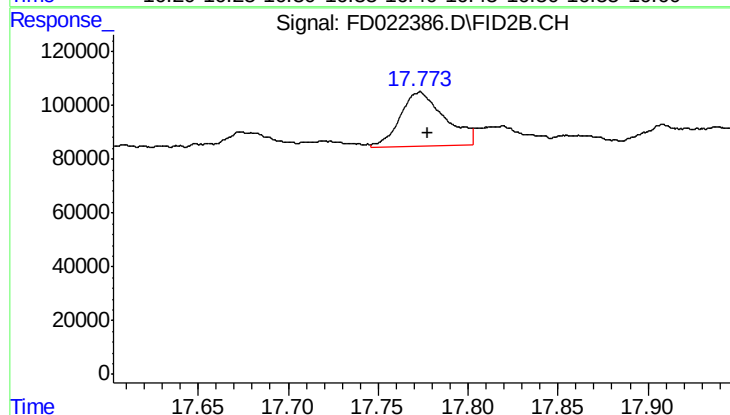
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.037 min
Delta R.T.: -0.009 min
Response: 240723
Conc: 2.12 ug/ml



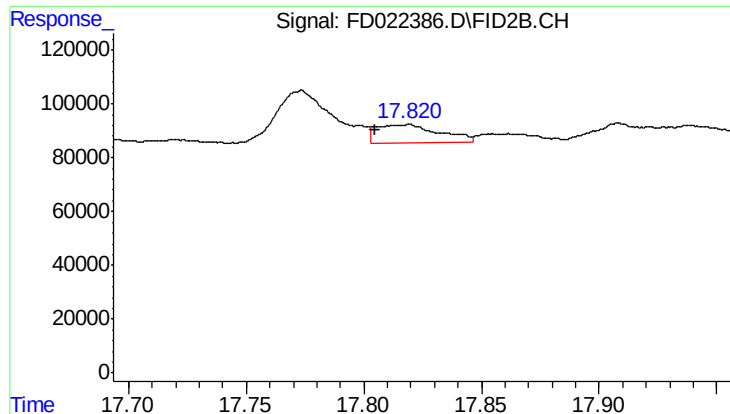
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: -0.016 min
Response: 489722
Conc: 4.66 ug/ml



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

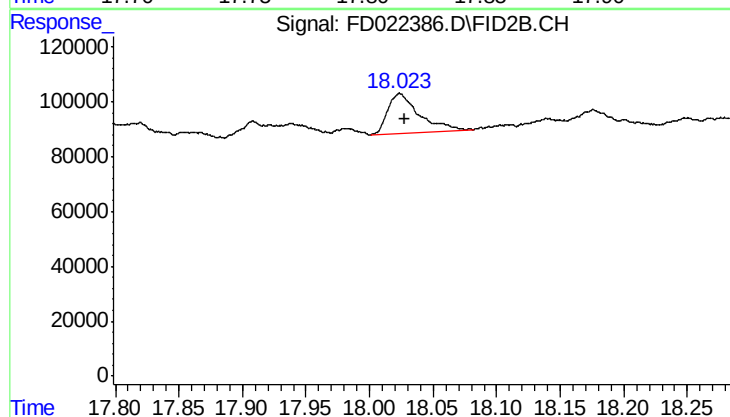
R.T.: 17.773 min
Delta R.T.: -0.004 min
Response: 348203
Conc: 3.65 ug/ml



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

R.T.: 17.819 min
Delta R.T.: 0.015 min
Response: 128227
Conc: 1.13 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.024 min
Delta R.T.: -0.004 min
Response: 247417
Conc: 2.38 ug/ml