

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\
 Data File : FD022378.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2018 21:54
 Operator : UA/AJ
 Sample : J1721-07RE
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 23:44:00 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	5355228	63.922 ug/ml
Spiked Amount 50.000		Recovery =	127.84%
6) S 2-Fluorobiphenyl (SURR)	8.191	3606080	71.326 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	142.65%#
11) S ortho-Terphenyl (SURR)	11.220	2691685	28.363 ug/ml
Spiked Amount 50.000		Recovery =	56.73%
Target Compounds			
2) T Naphthalene (C11.7)	5.694	41488	0.464 ug/ml
7) T Acenaphthene (C15.5)	8.289	86496	0.844 ug/ml
8) T Fluorene (C16.55)	9.084	34756	0.371 ug/ml
9) T Phenanthrene (C19.36)	10.461	556364	5.971 ug/ml
10) T Anthracene (C19.43)	10.549	138120	1.457 ug/ml
12) T Fluoranthene (C21.85)	12.268	1322020	13.180 ug/ml
13) T Pyrene (C20.8)	12.562	1178956	11.604 ug/ml
14) T Benzo[a]anthracene (C...	14.442	617609	6.405 ug/ml
15) T Chrysene (C27.41)	14.483	775914	7.189 ug/ml
16) T benzo[b]fluoranthene ...	16.002	844377	8.399 ug/ml
17) T Benzo[k]fluoranthene ...	16.034	339892	2.995 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	611974	5.823 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	487385	5.116 ug/ml
20) T Dibenz[a,h]anthracene...	17.813	128969	1.135 ug/ml
21) T Benzo[g,h,i]perylene ...	18.022	344256	3.315 ug/ml

(f)=RT Delta > 1/2 Window

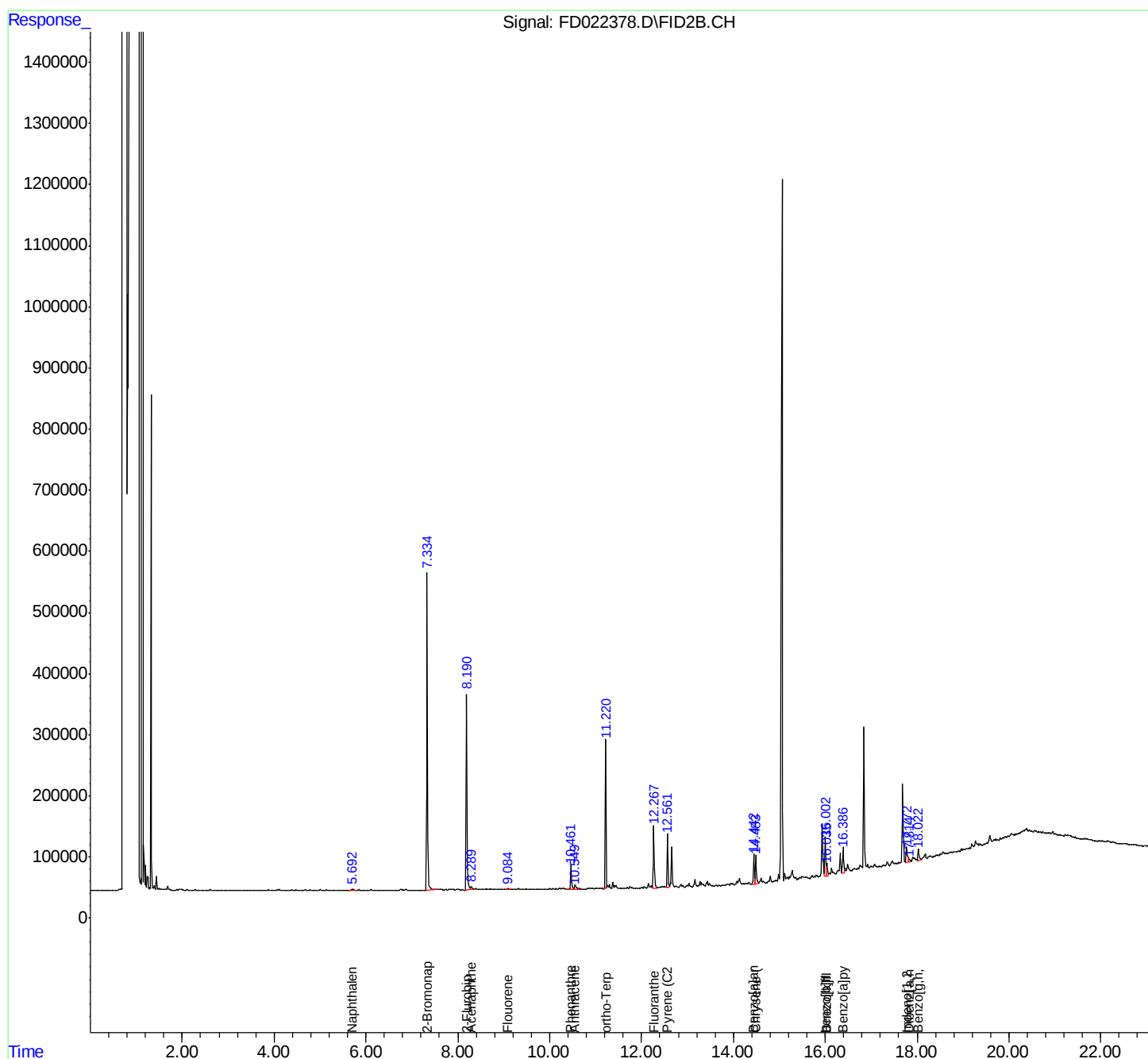
(m)=manual int.

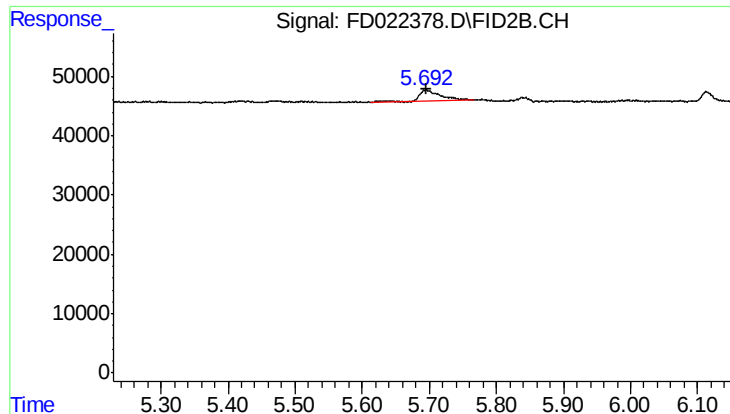
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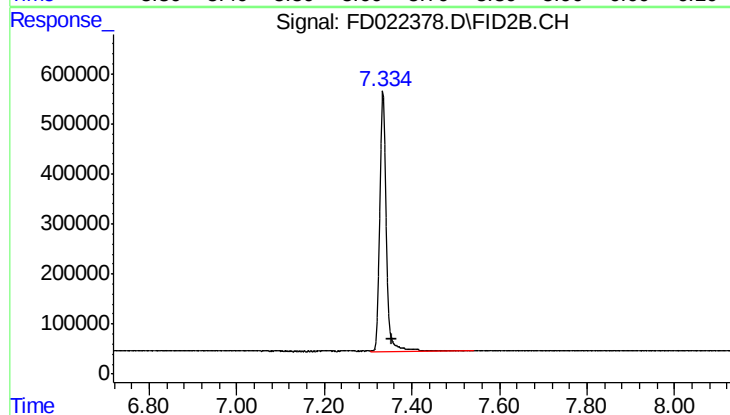




#2 Naphthalene (C11.7)

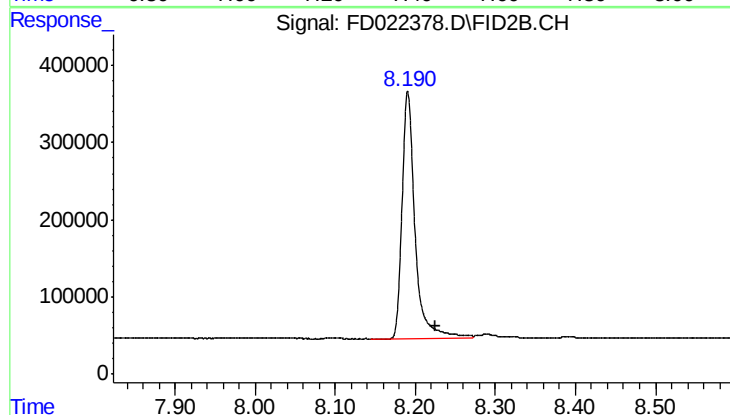
R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 41488
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



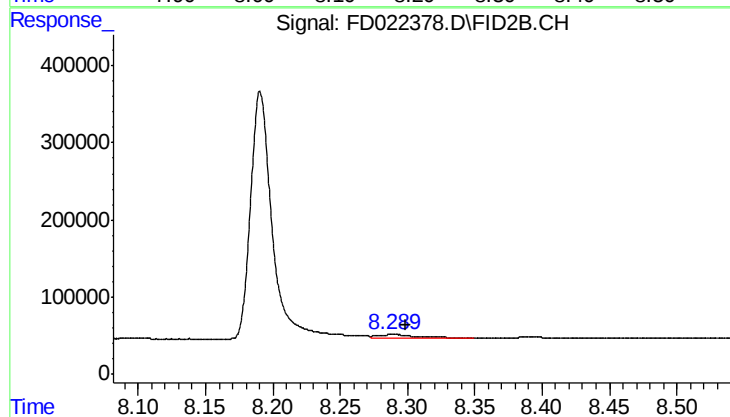
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.021 min
Response: 5355228
Conc: 63.92 ug/ml



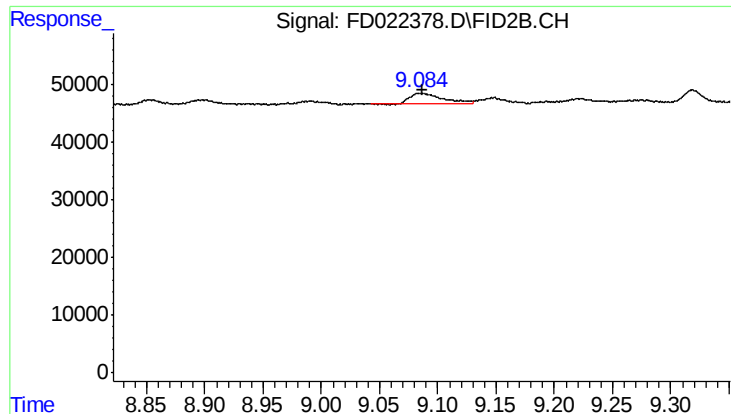
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.191 min
Delta R.T.: -0.034 min
Response: 3606080
Conc: 71.33 ug/ml



#7 Acenaphthene (C15.5)

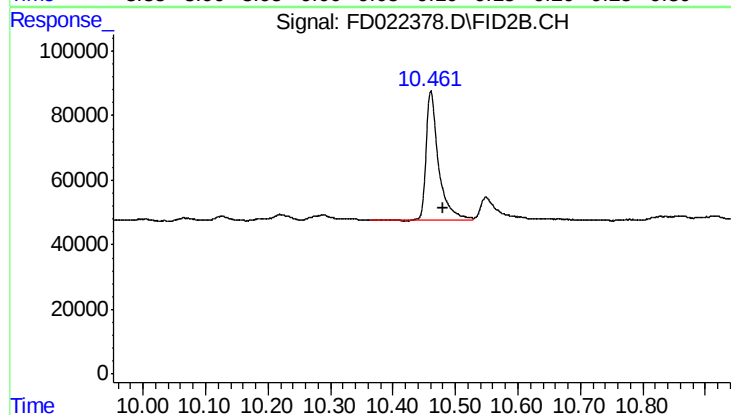
R.T.: 8.289 min
Delta R.T.: -0.009 min
Response: 86496
Conc: 0.84 ug/ml



#8 Flouorene (C16.55)

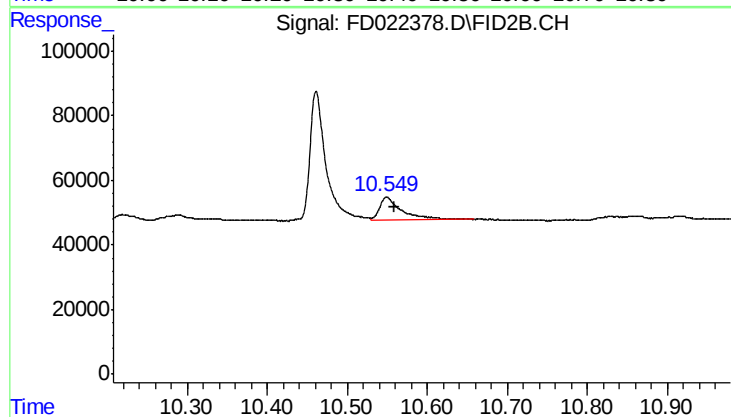
R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 34756
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



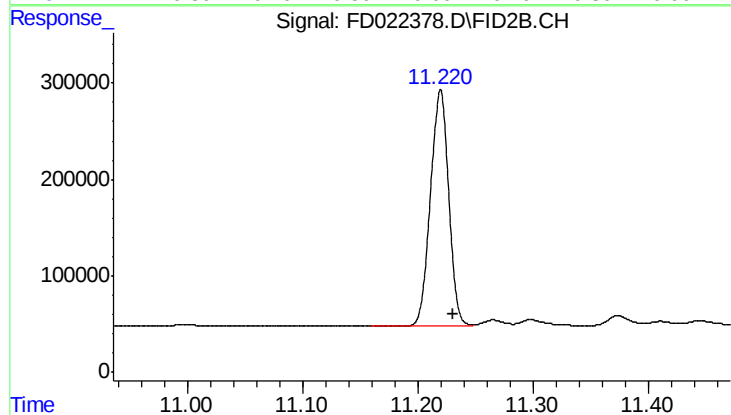
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.019 min
Response: 556364
Conc: 5.97 ug/ml



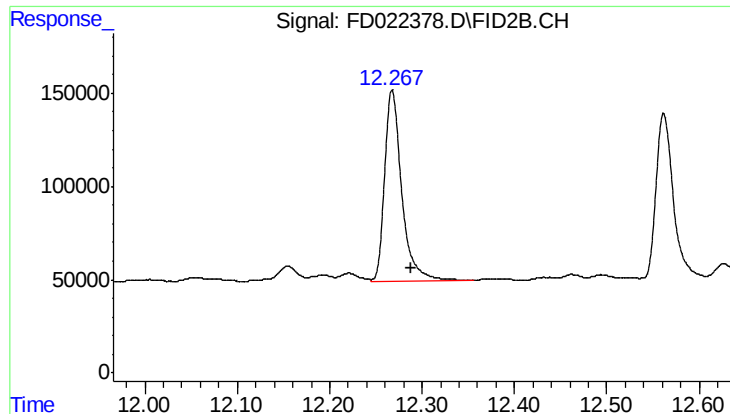
#10 Anthracene (C19.43)

R.T.: 10.549 min
Delta R.T.: -0.010 min
Response: 138120
Conc: 1.46 ug/ml



#11 ortho-Terphenyl (SURR)

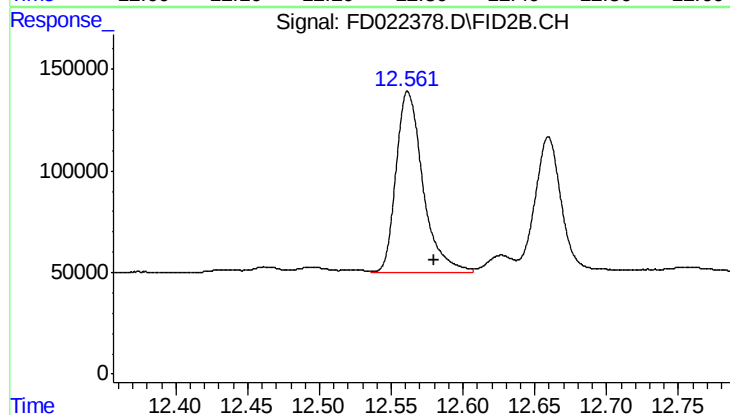
R.T.: 11.220 min
Delta R.T.: -0.011 min
Response: 2691685
Conc: 28.36 ug/ml



#12 Fluoranthene (C21.85)

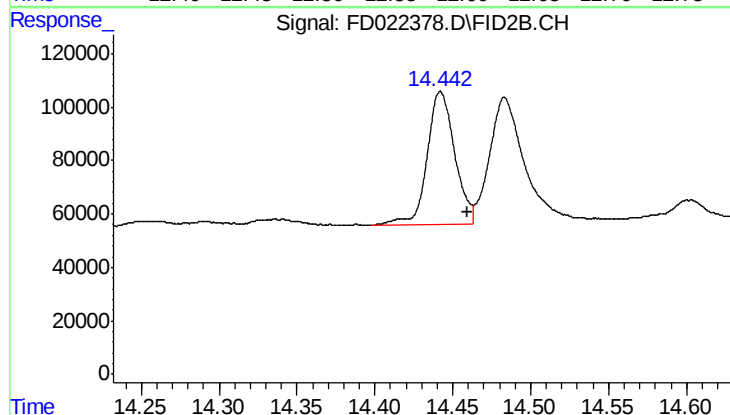
R.T.: 12.268 min
Delta R.T.: -0.020 min
Response: 1322020
Conc: 13.18 ug/ml

Instrument :
FID_D
ClientSampleId :



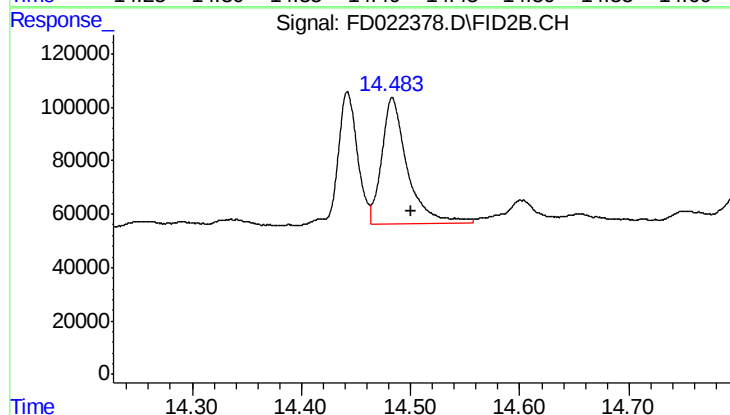
#13 Pyrene (C20.8)

R.T.: 12.562 min
Delta R.T.: -0.019 min
Response: 1178956
Conc: 11.60 ug/ml



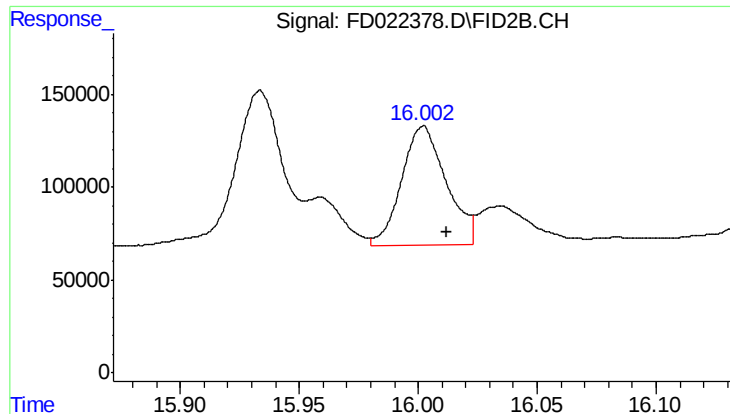
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.442 min
Delta R.T.: -0.017 min
Response: 617609
Conc: 6.40 ug/ml



#15 Chrysene (C27.41)

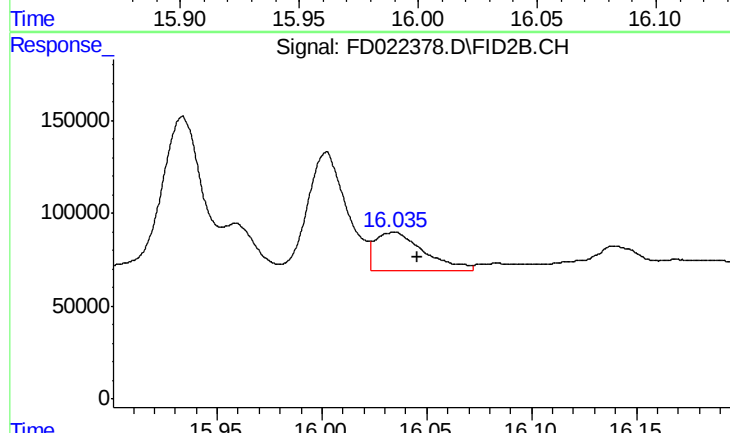
R.T.: 14.483 min
Delta R.T.: -0.017 min
Response: 775914
Conc: 7.19 ug/ml



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

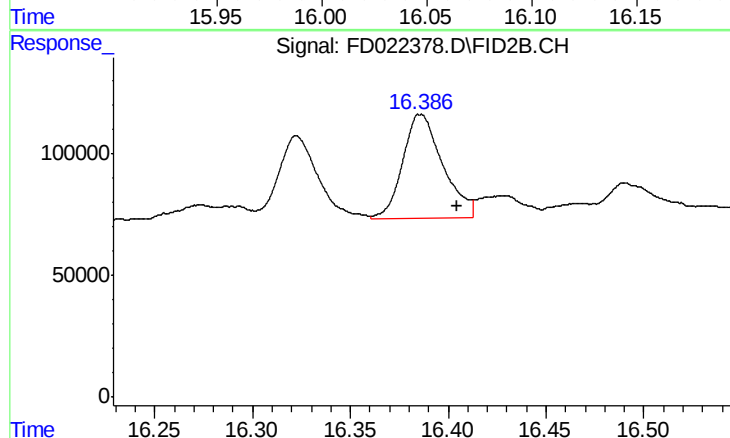
R.T.: 16.002 min
Delta R.T.: -0.010 min
Response: 844377
Conc: 8.40 ug/ml

Instrument :
FID_D
ClientSampleId :



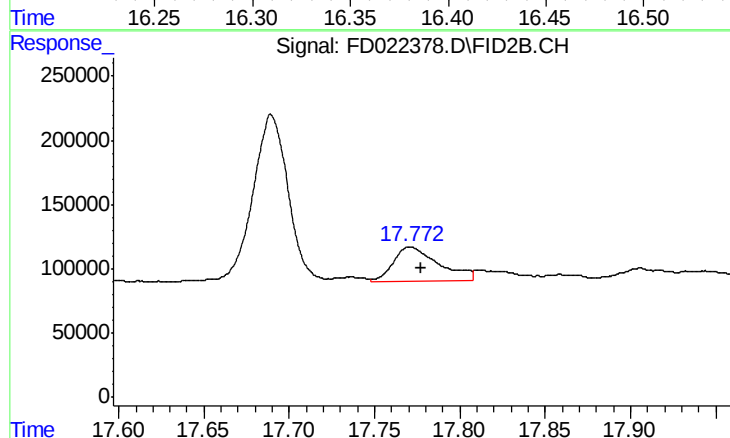
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.034 min
Delta R.T.: -0.011 min
Response: 339892
Conc: 3.00 ug/ml



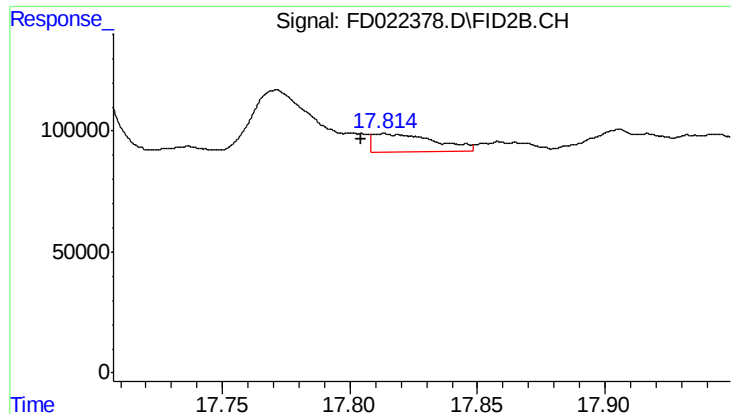
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.019 min
Response: 611974
Conc: 5.82 ug/ml



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

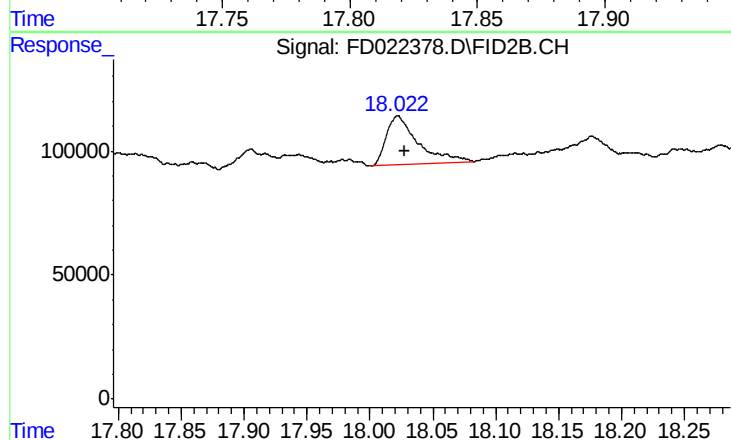
R.T.: 17.771 min
Delta R.T.: -0.006 min
Response: 487385
Conc: 5.12 ug/ml



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

R.T.: 17.813 min
Delta R.T.: 0.008 min
Response: 128969
Conc: 1.13 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.022 min
Delta R.T.: -0.006 min
Response: 344256
Conc: 3.31 ug/ml