

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023066.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 14:20
 Operator : UA/AJ
 Sample : J2370-08DL 10X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 18 04:53:06 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 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...	7.296	778491	5.740 ug/ml
Spiked Amount 50.000		Recovery =	11.48%
6) S 2-Fluorobiphenyl (SURR)	8.168	388224	5.447 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.89%
11) S ortho-Terphenyl (SURR)	11.172	458486	3.279 ug/ml
Spiked Amount 50.000		Recovery =	6.56%
Target Compounds			
2) T Naphthalene (C11.7)	5.663	102229	0.747 ug/ml
3) T 2-Methylnaphthalene (...)	6.710	97197	0.712 ug/ml
5) T Acenaphthylene (C15.06)	7.957	349998	2.395 ug/ml
7) T Acenaphthene (C15.5)	8.252	68672	0.407 ug/ml
8) T Fluorene (C16.55)	9.039	202608	1.415 ug/ml
9) T Phenanthrene (C19.36)	10.415	1673041	12.605 ug/ml
10) T Anthracene (C19.43)	10.512	321196	2.296 ug/ml
12) T Fluoranthene (C21.85)	12.226	1689490	12.300 ug/ml
13) T Pyrene (C20.8)	12.516	2271471	16.092 ug/ml
14) T Benzo[a]anthracene (C...	14.441	1379126	11.101 ug/ml
15) T Chrysene (C27.41)	14.441	1379126	8.908 ug/ml
16) T benzo[b]fluoranthene ...	15.996	622459	4.618 ug/ml
17) T Bnezo[k]fluoranthene ...	15.996	622459	3.772 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	877831	6.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.769	225452	1.737 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	225452	1.355 ug/ml
21) T Benzo[a,h,i]perylene ...	17.980	752603	5.078 ug/ml

(f)=RT Delta > 1/2 Window

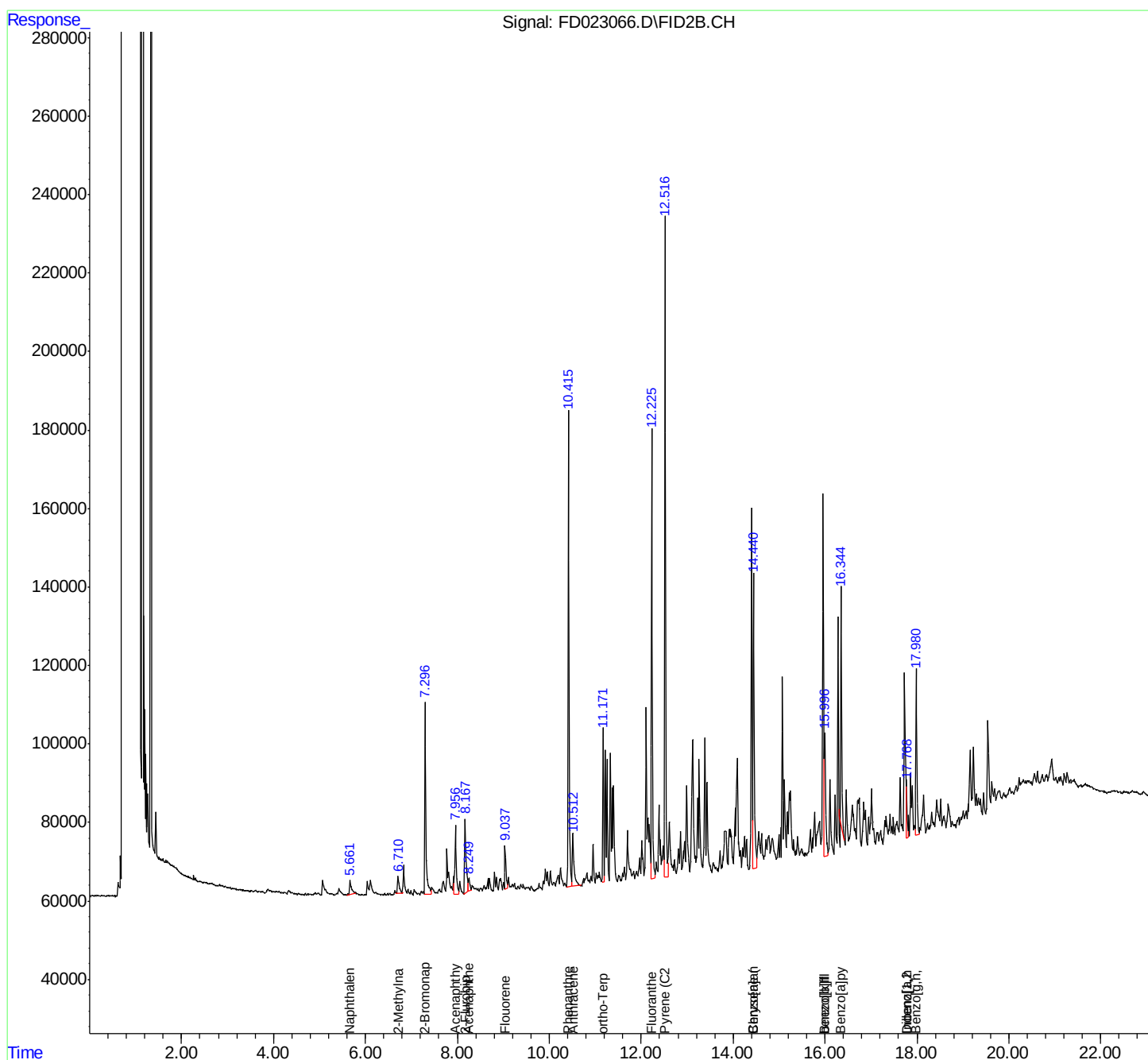
(m)=manual int.

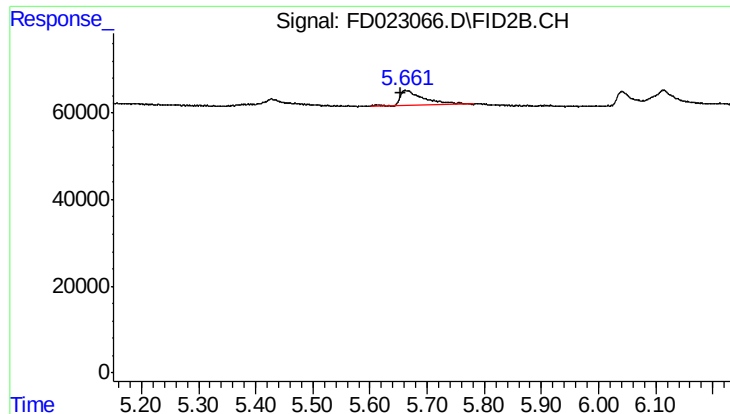
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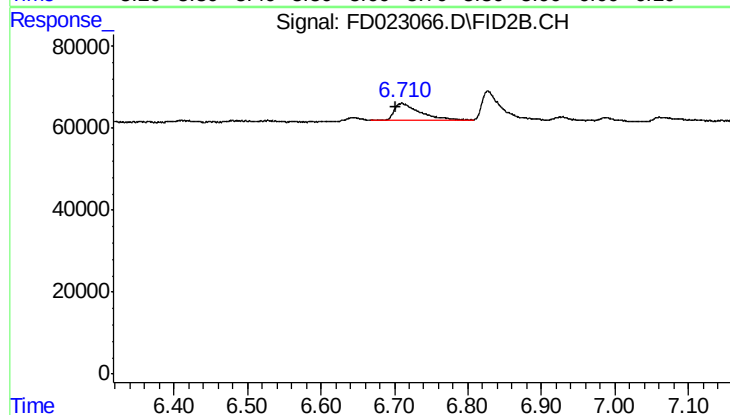




#2 Naphthalene (C11.7)

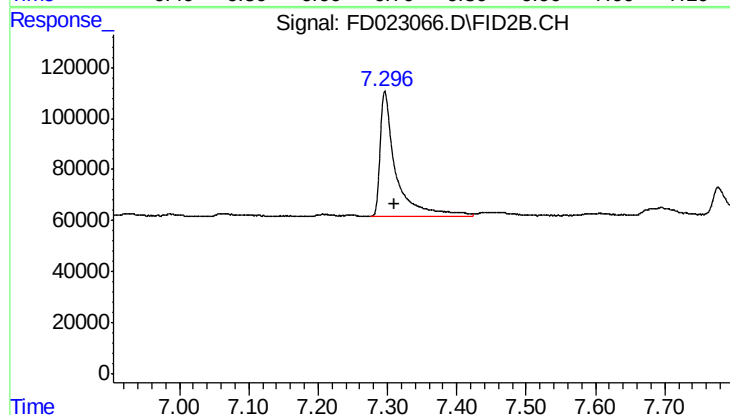
R.T.: 5.663 min
Delta R.T.: 0.010 min
Response: 102229
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



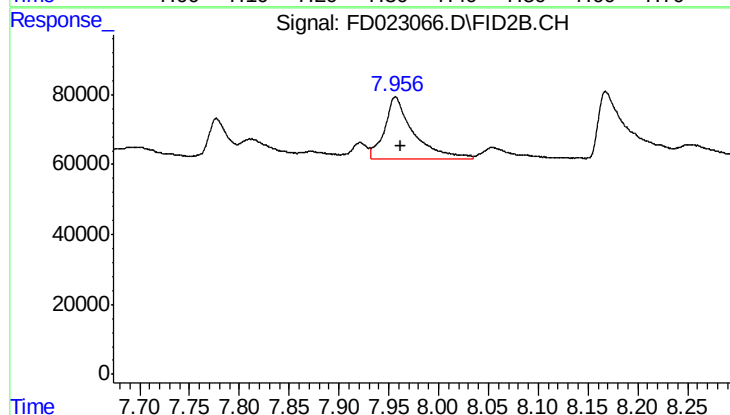
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.710 min
Delta R.T.: 0.008 min
Response: 97197
Conc: 0.71 ug/ml



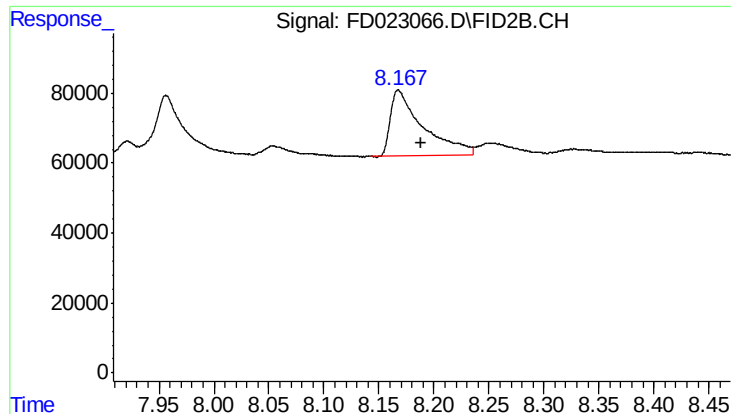
#4 2-Bromonaphthalene (SURR)

R.T.: 7.296 min
Delta R.T.: -0.013 min
Response: 778491
Conc: 5.74 ug/ml



#5 Acenaphthylene (C15.06)

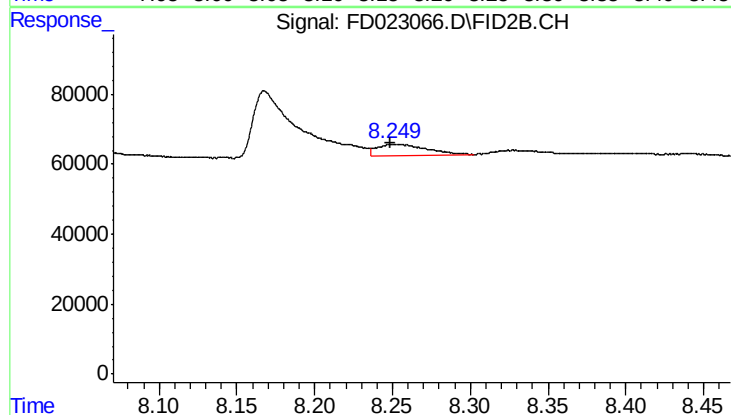
R.T.: 7.957 min
Delta R.T.: -0.006 min
Response: 349998
Conc: 2.39 ug/ml



#6 2-Fluorobiphenyl (SURR)

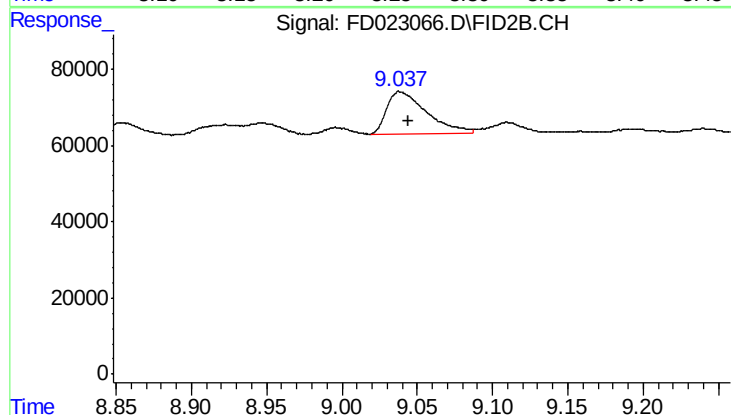
R.T.: 8.168 min
Delta R.T.: -0.020 min
Response: 388224
Conc: 5.45 ug/ml

Instrument :
FID_D
ClientSampleId :



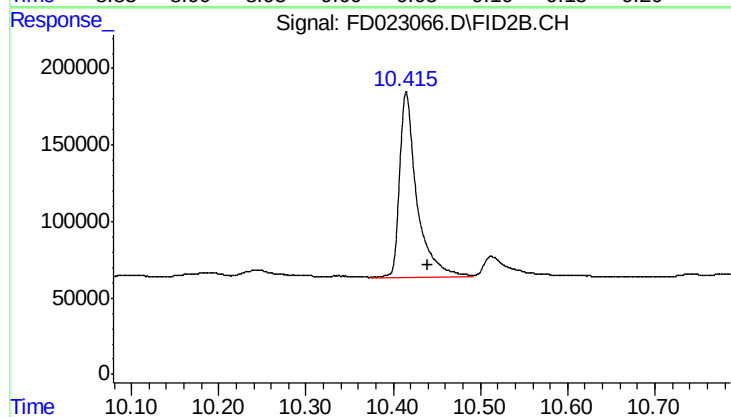
#7 Acenaphthene (C15.5)

R.T.: 8.252 min
Delta R.T.: 0.003 min
Response: 68672
Conc: 0.41 ug/ml



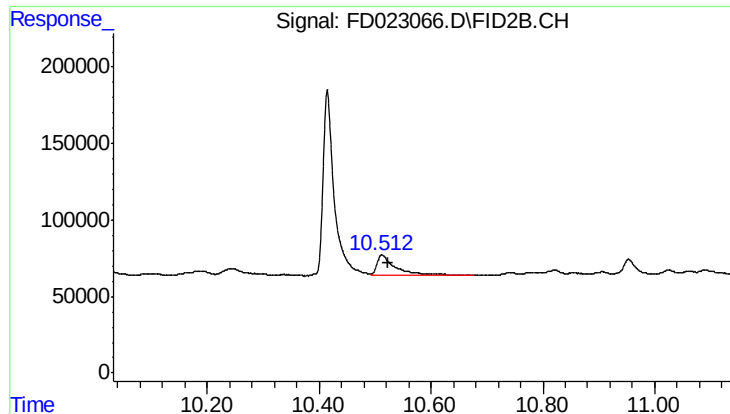
#8 Flouorene (C16.55)

R.T.: 9.039 min
Delta R.T.: -0.005 min
Response: 202608
Conc: 1.41 ug/ml



#9 Phenanthrene (C19.36)

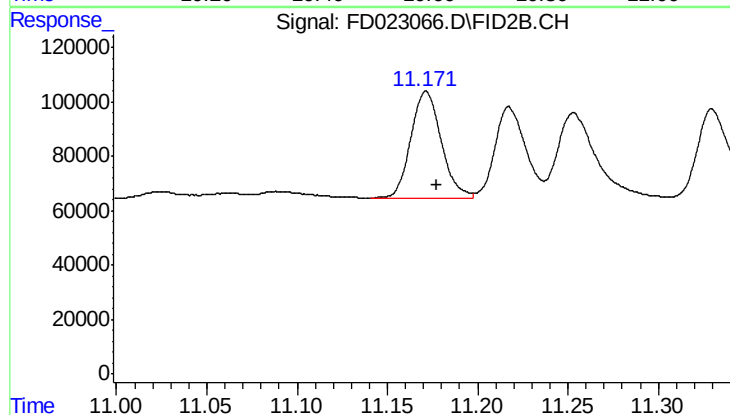
R.T.: 10.415 min
Delta R.T.: -0.024 min
Response: 1673041
Conc: 12.61 ug/ml



#10 Anthracene (C19.43)

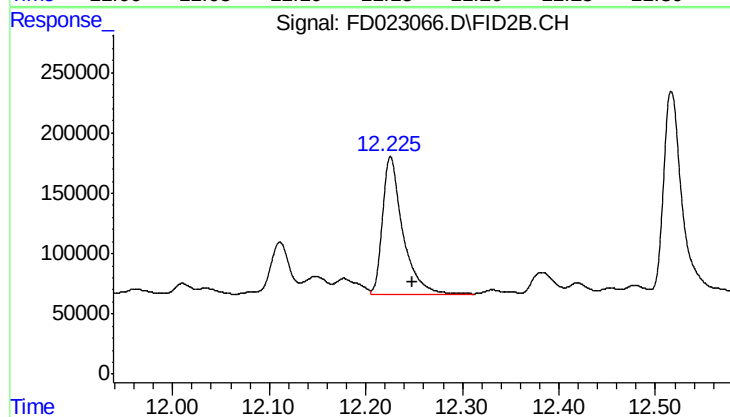
R.T.: 10.512 min
Delta R.T.: -0.010 min
Response: 321196
Conc: 2.30 ug/ml

Instrument :
FID_D
ClientSampleId :



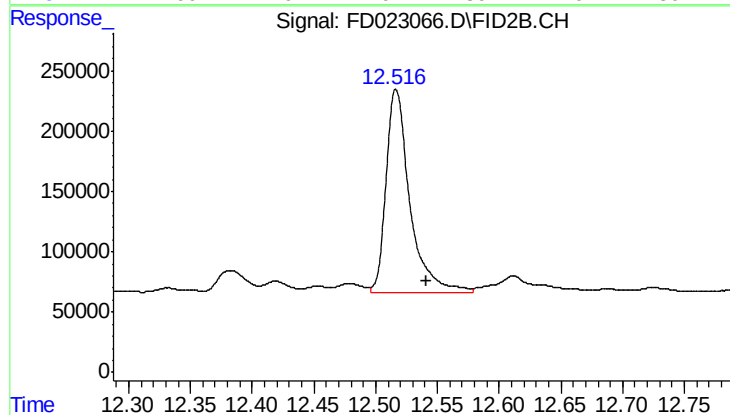
#11 ortho-Terphenyl (SURR)

R.T.: 11.172 min
Delta R.T.: -0.006 min
Response: 458486
Conc: 3.28 ug/ml



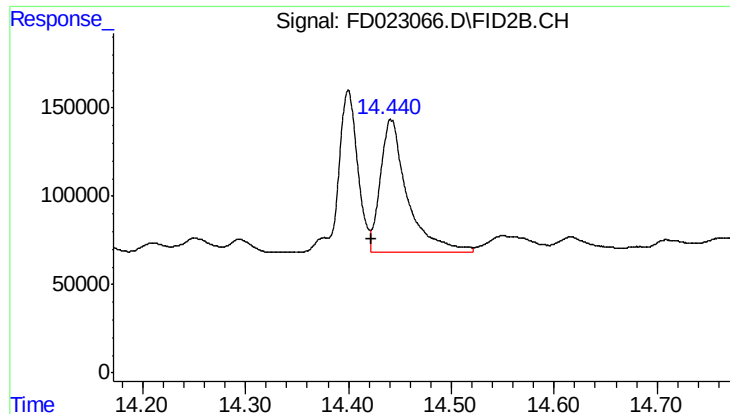
#12 Fluoranthene (C21.85)

R.T.: 12.226 min
Delta R.T.: -0.023 min
Response: 1689490
Conc: 12.30 ug/ml



#13 Pyrene (C20.8)

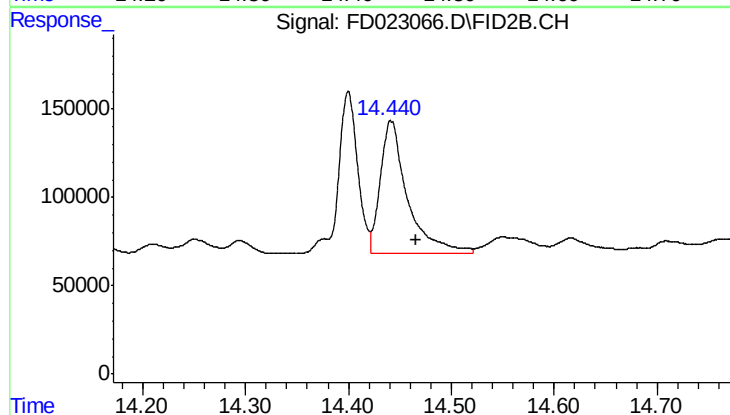
R.T.: 12.516 min
Delta R.T.: -0.024 min
Response: 2271471
Conc: 16.09 ug/ml



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

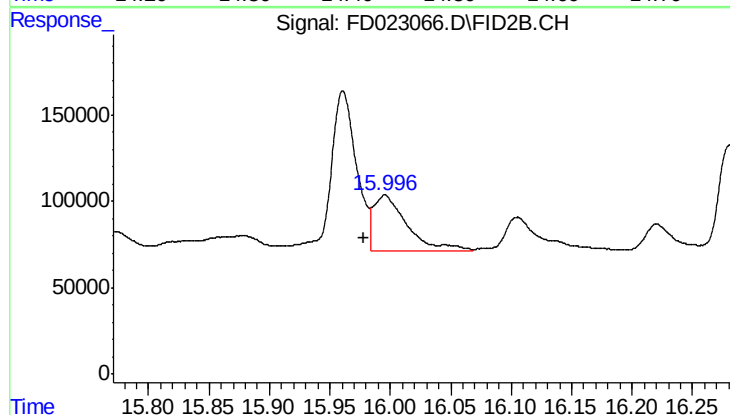
R.T.: 14.441 min
Delta R.T.: 0.019 min
Response: 1379126
Conc: 11.10 ug/ml

Instrument :
FID_D
ClientSampleId :



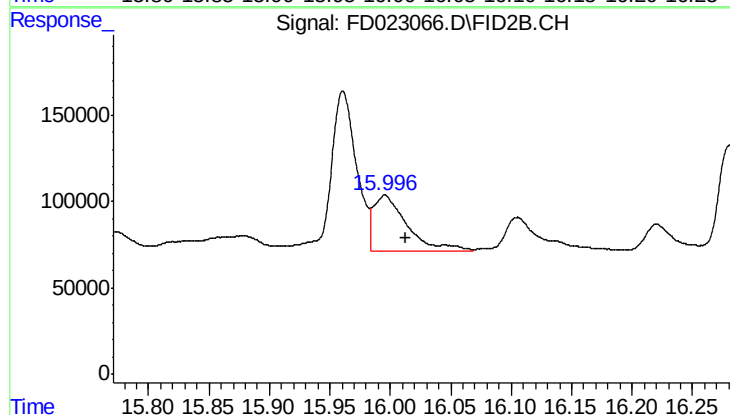
#15 Chrysene (C27.41)

R.T.: 14.441 min
Delta R.T.: -0.025 min
Response: 1379126
Conc: 8.91 ug/ml



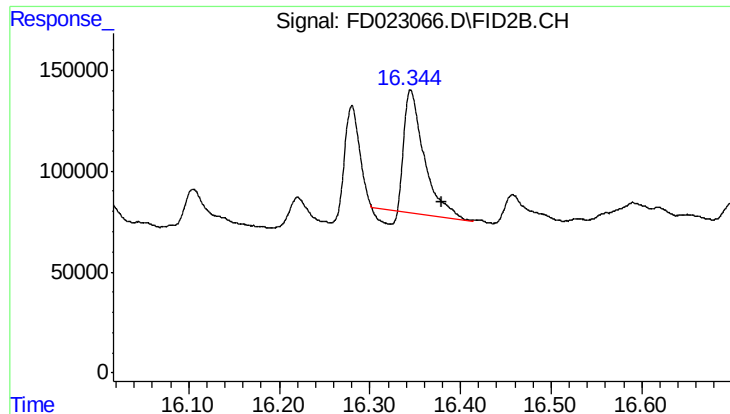
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.996 min
Delta R.T.: 0.017 min
Response: 622459
Conc: 4.62 ug/ml



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

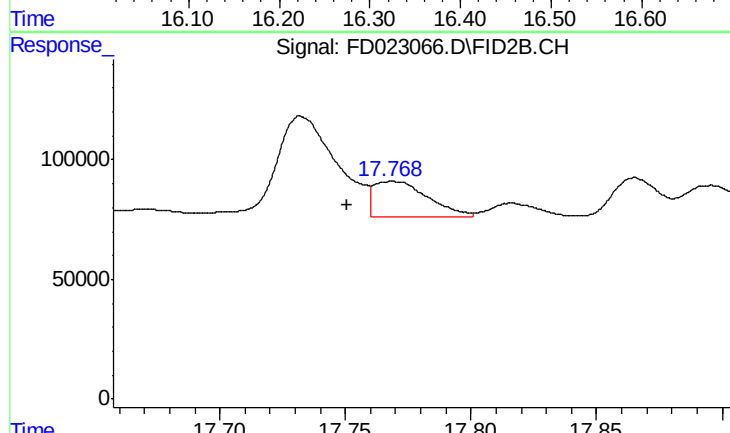
R.T.: 15.996 min
Delta R.T.: -0.018 min
Response: 622459
Conc: 3.77 ug/ml



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

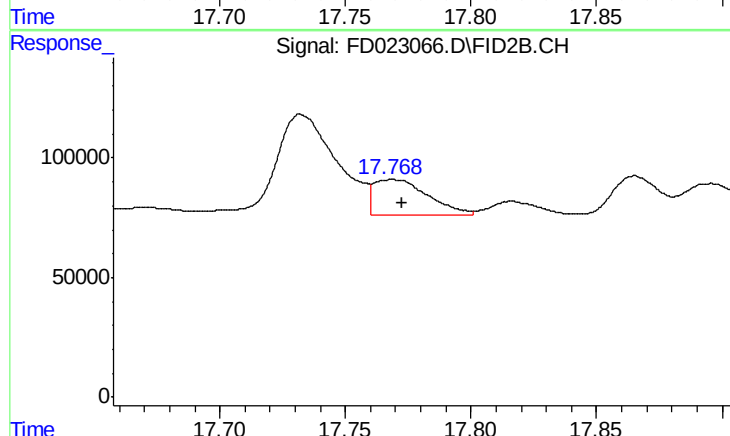
R.T.: 16.345 min
Delta R.T.: -0.034 min
Response: 877831
Conc: 6.09 ug/ml

Instrument :
FID_D
ClientSampleId :



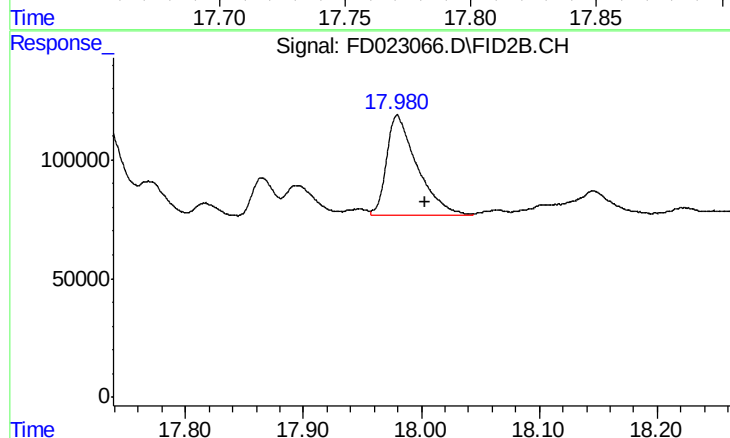
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.769 min
Delta R.T.: 0.018 min
Response: 225452
Conc: 1.74 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.004 min
Response: 225452
Conc: 1.36 ug/ml



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

R.T.: 17.980 min
Delta R.T.: -0.024 min
Response: 752603
Conc: 5.08 ug/ml