

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045836.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 19:36
 Operator : YP/AJ
 Sample : 03157-02D
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 02:55:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.526	7726689	42.858 ug/ml
Spiked Amount 50.000		Recovery =	85.72%
6) S 2-Fluorobiphenyl (SURR)	8.379	3036463	25.256 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	50.51%
11) S ortho-Terphenyl (SURR)	11.422	8690847	38.908 ug/ml
Spiked Amount 50.000		Recovery =	77.82%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.918	41213	0.195 ug/ml
5) T Acenaphthylene (C15.06)	8.183	30464	0.161 ug/ml
7) T Acenaphthene (C15.5)	8.475	31986	0.158 ug/ml
8) T Flouorene (C16.55)	9.256	53559	0.270 ug/ml
9) T Phenanthrene (C19.36)	10.643	328459	1.717 ug/ml
10) T Anthracene (C19.43)	10.717	106752	0.627 ug/ml
12) T Fluoranthene (C21.85)	12.447	878909	4.757 ug/ml
13) T Pyrene (C20.8)	12.741	704607	3.945 ug/ml
14) T Benzo[a]anthracene (C...	14.603	422544	2.699 ug/ml
15) T Chrysene (C27.41)	14.643	501821	3.042 ug/ml
16) T benzo[b]fluoranthene ...	16.173	199542	1.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	199542	1.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	442057	3.023 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	528997	3.612 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	92210	0.615 ug/ml
21) T Benzo[g,h,i]perylene ...	18.123	279106	1.892 ug/ml

(f)=RT Delta > 1/2 Window

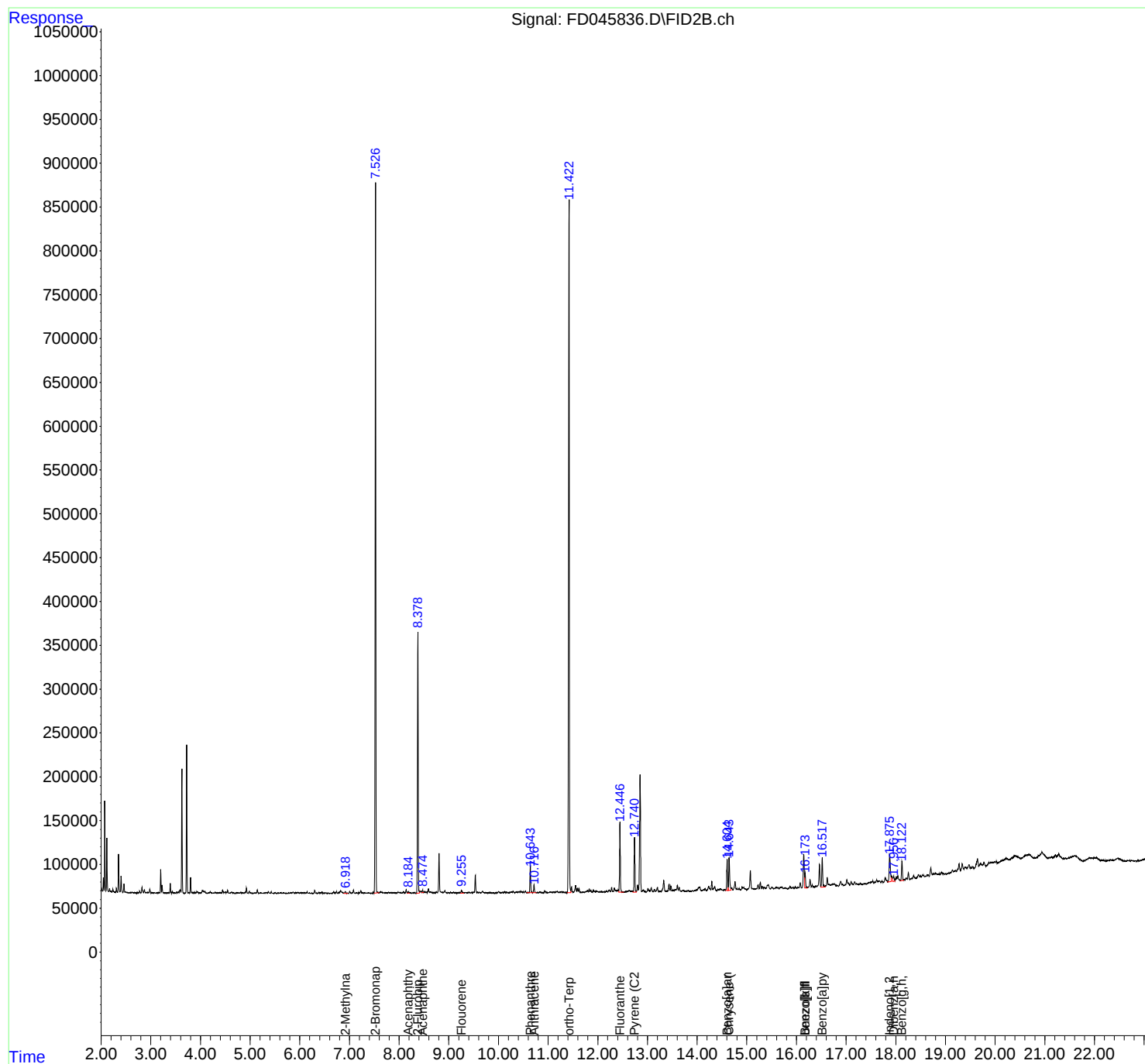
(m)=manual int.

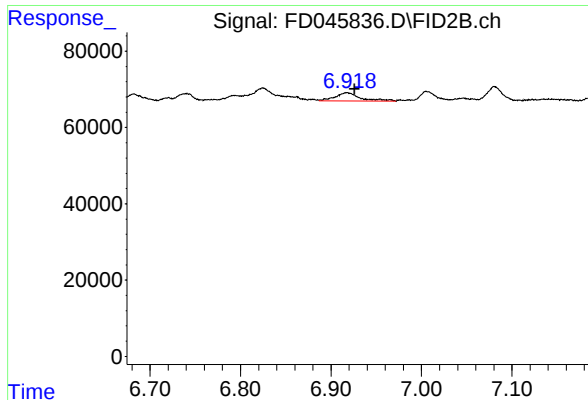
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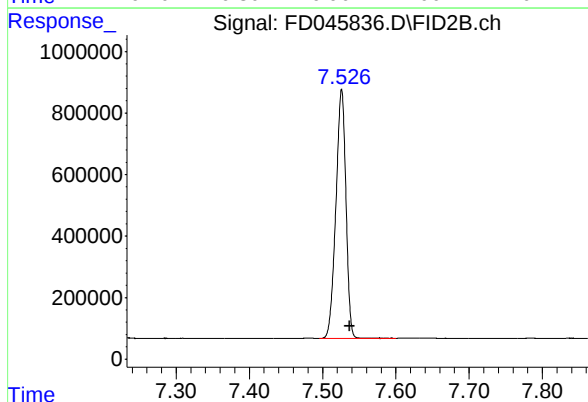




#3 2-Methylnaphthalene (C12.89)

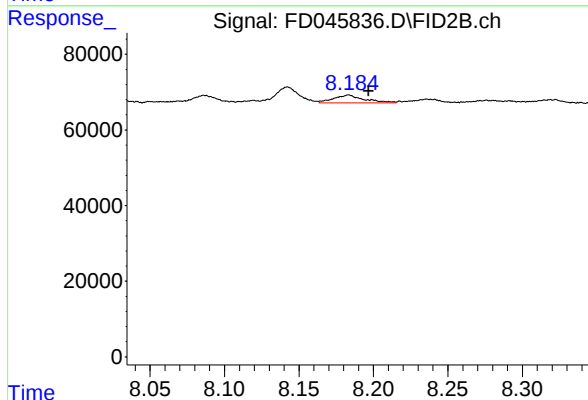
R.T.: 6.918 min
Delta R.T.: -0.008 min
Response: 41213
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



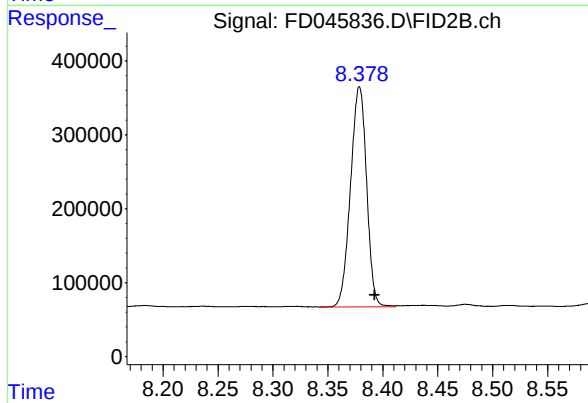
#4 2-Bromonaphthalene (SURR)

R.T.: 7.526 min
Delta R.T.: -0.012 min
Response: 7726689
Conc: 42.86 ug/ml



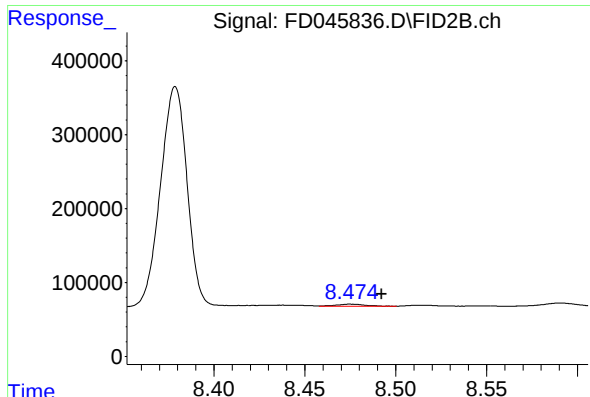
#5 Acenaphthylene (C15.06)

R.T.: 8.183 min
Delta R.T.: -0.014 min
Response: 30464
Conc: 0.16 ug/ml



#6 2-Fluorobiphenyl (SURR)

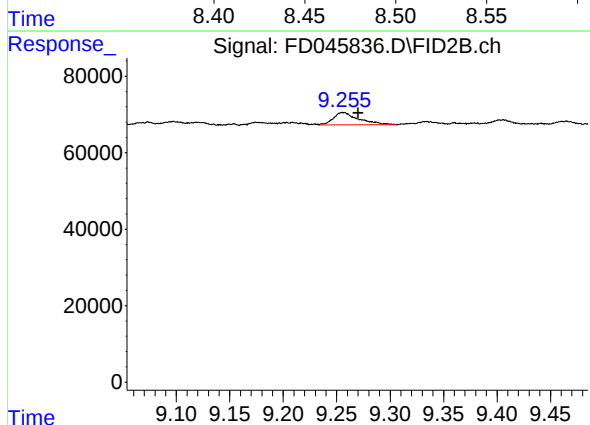
R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 3036463
Conc: 25.26 ug/ml



#7 Acenaphthene (C15.5)

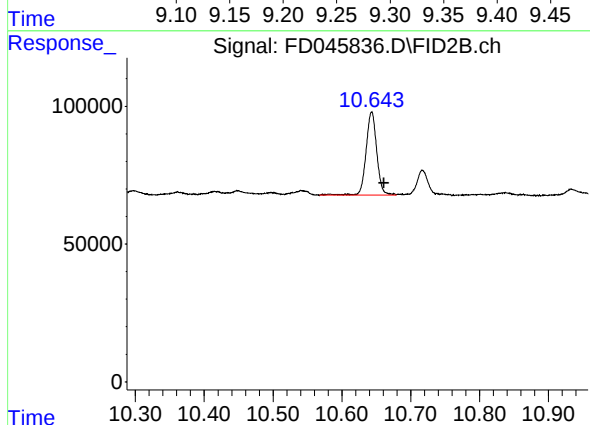
R.T.: 8.475 min
Delta R.T.: -0.017 min
Response: 31986
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



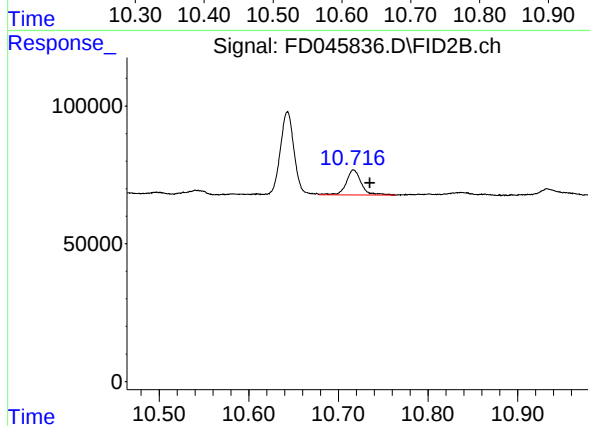
#8 Flouorene (C16.55)

R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 53559
Conc: 0.27 ug/ml



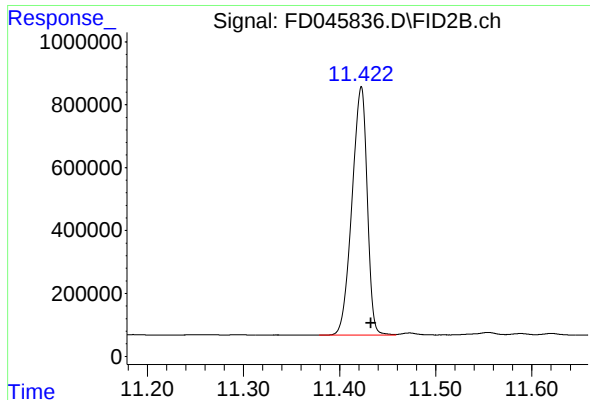
#9 Phenanthrene (C19.36)

R.T.: 10.643 min
Delta R.T.: -0.018 min
Response: 328459
Conc: 1.72 ug/ml



#10 Anthracene (C19.43)

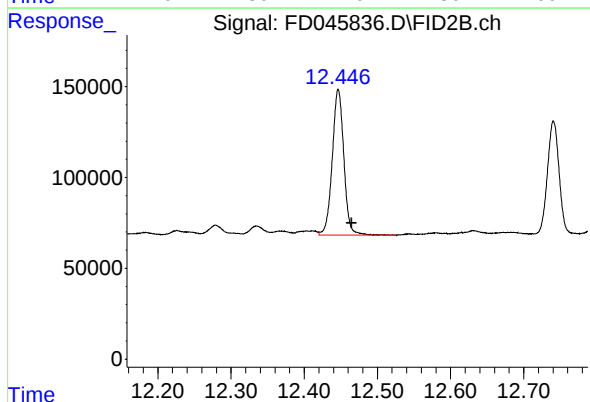
R.T.: 10.717 min
Delta R.T.: -0.018 min
Response: 106752
Conc: 0.63 ug/ml



#11 ortho-Terphenyl (SURR)

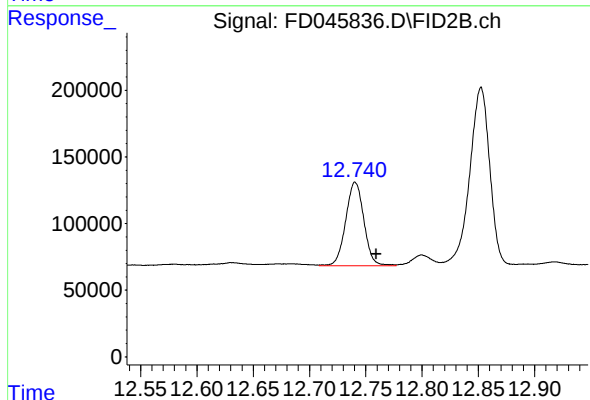
R.T.: 11.422 min
Delta R.T.: -0.010 min
Response: 8690847
Conc: 38.91 ug/ml

Instrument :
FID_D
ClientSampleId :



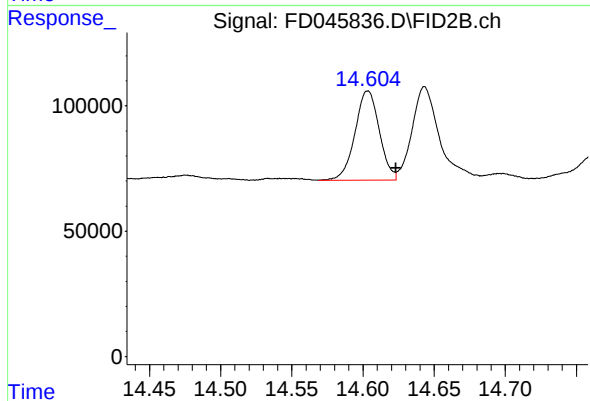
#12 Fluoranthene (C21.85)

R.T.: 12.447 min
Delta R.T.: -0.018 min
Response: 878909
Conc: 4.76 ug/ml



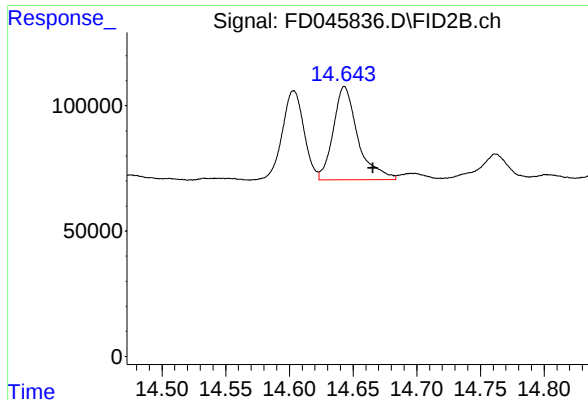
#13 Pyrene (C20.8)

R.T.: 12.741 min
Delta R.T.: -0.019 min
Response: 704607
Conc: 3.95 ug/ml



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

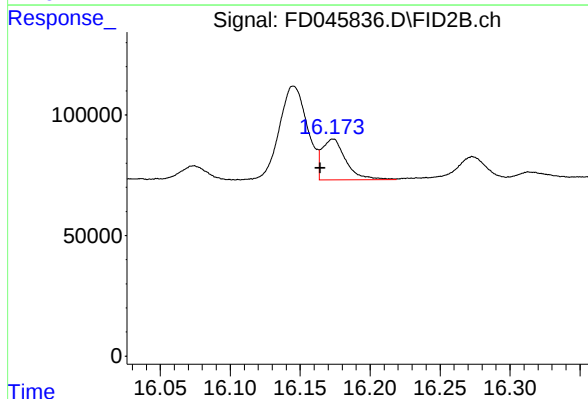
R.T.: 14.603 min
Delta R.T.: -0.020 min
Response: 422544
Conc: 2.70 ug/ml



#15 Chrysene (C27.41)

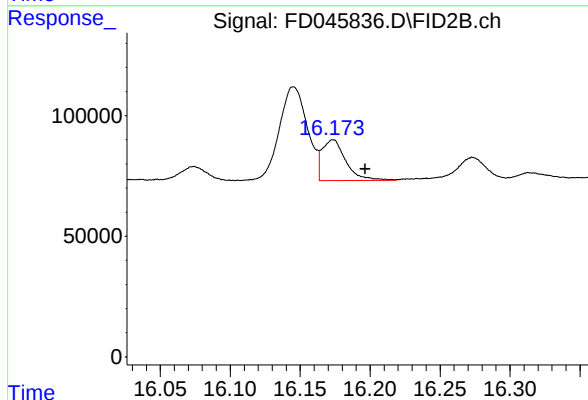
R.T.: 14.643 min
Delta R.T.: -0.022 min
Response: 501821
Conc: 3.04 ug/ml

Instrument :
FID_D
ClientSampleId :



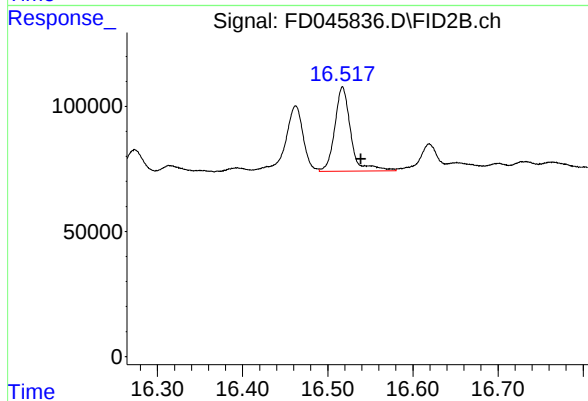
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.173 min
Delta R.T.: 0.009 min
Response: 199542
Conc: 1.32 ug/ml



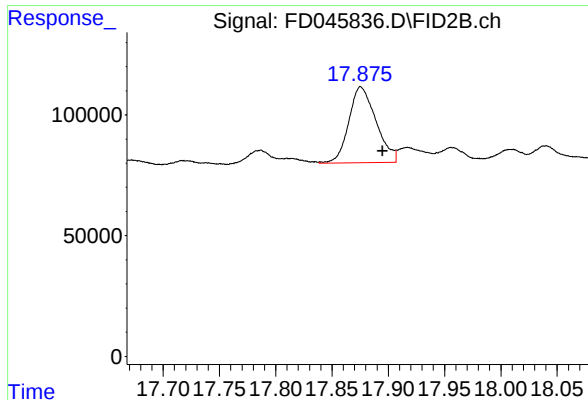
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.173 min
Delta R.T.: -0.024 min
Response: 199542
Conc: 1.29 ug/ml



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

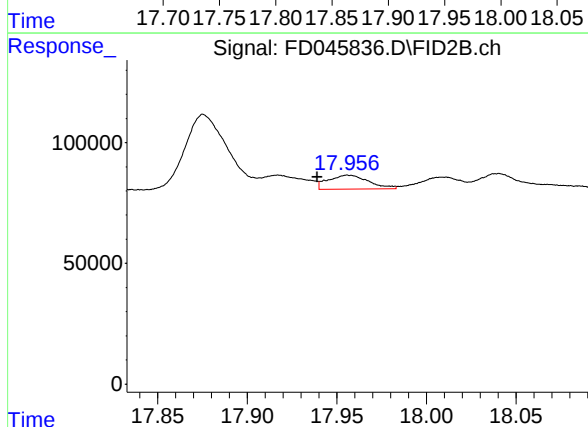
R.T.: 16.517 min
Delta R.T.: -0.022 min
Response: 442057
Conc: 3.02 ug/ml



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

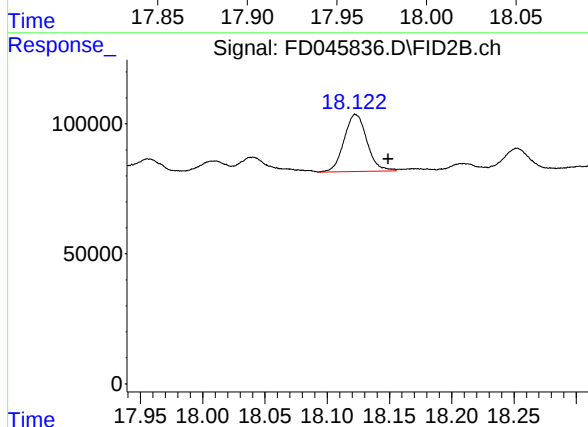
R.T.: 17.876 min
Delta R.T.: -0.019 min
Response: 528997
Conc: 3.61 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.956 min
Delta R.T.: 0.017 min
Response: 92210
Conc: 0.61 ug/ml



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

R.T.: 18.123 min
Delta R.T.: -0.026 min
Response: 279106
Conc: 1.89 ug/ml