

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062623AR\
 Data File : FD045972.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jun 2023 19:25
 Operator : YP/AJ
 Sample : 03357-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 27 02:47:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.519	7706613	35.762 ug/ml
Spiked Amount 50.000		Recovery =	71.52%
6) S 2-Fluorobiphenyl (SURR)	8.372	3205214	23.159 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.32%
11) S ortho-Terphenyl (SURR)	11.417	14879872	58.693 ug/ml
Spiked Amount 50.000		Recovery =	117.39%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.943	78554	0.312 ug/ml
7) T Acenaphthene (C15.5)	8.432	102345	0.434 ug/ml
9) T Phenanthrene (C19.36)	10.632	756287	3.544 ug/ml
10) T Anthracene (C19.43)	10.725	1455861	9.162 ug/ml
12) T Fluoranthene (C21.85)	12.448	8470757	41.391 ug/ml
13) T Pyrene (C20.8)	12.741	9849327	50.656 ug/ml
14) T Benzo[a]anthracene (C...	14.584	25368396	141.057 ug/ml
15) T Chrysene (C27.41)	14.625	24254354	123.573 ug/ml
16) T benzo[b]fluoranthene ...	16.178	8113366	43.258 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	8113366	41.017 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	3213887	18.446 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	5207797	27.983 ug/ml
20) T Dibenz[a,h]anthracene...	17.964	851942	4.634 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	6218117	33.278 ug/ml

(f)=RT Delta > 1/2 Window

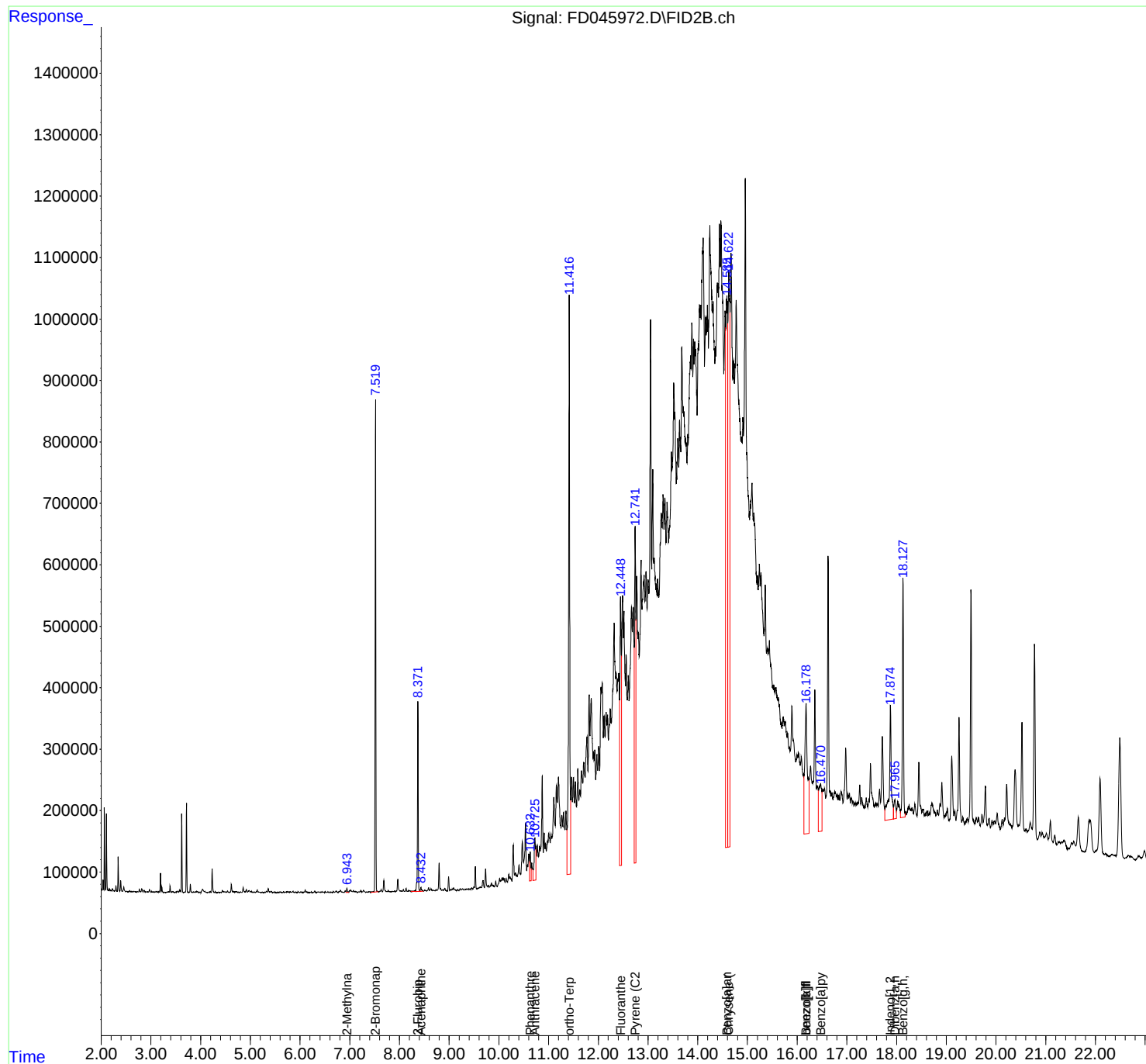
(m)=manual int.

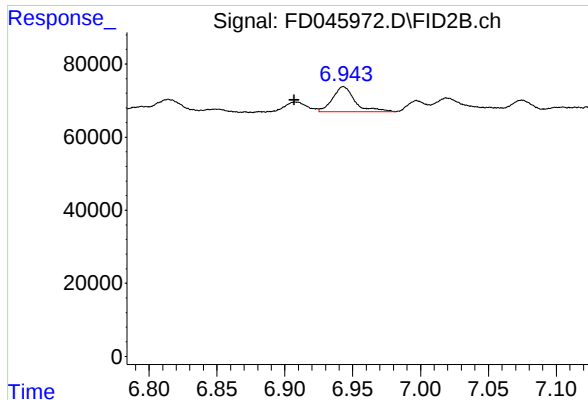
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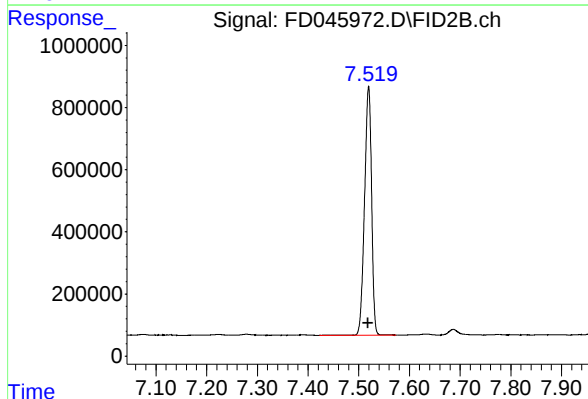




#3 2-Methylnaphthalene (C12.89)

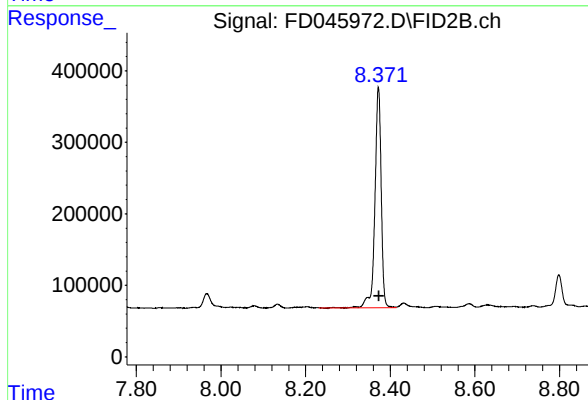
R.T.: 6.943 min
Delta R.T.: 0.036 min
Response: 78554
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



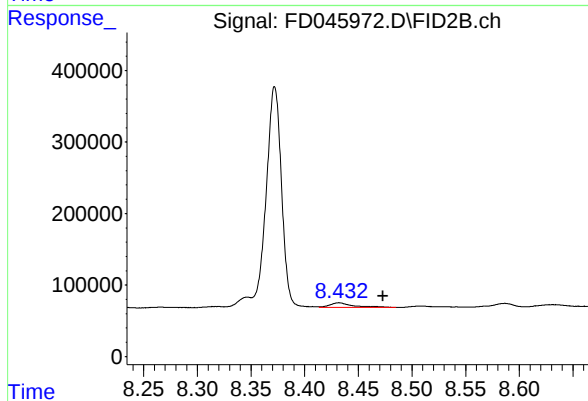
#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 7706613
Conc: 35.76 ug/ml



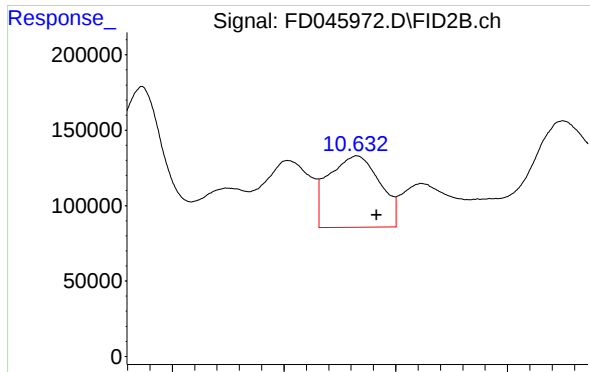
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min
Delta R.T.: -0.001 min
Response: 3205214
Conc: 23.16 ug/ml



#7 Acenaphthene (C15.5)

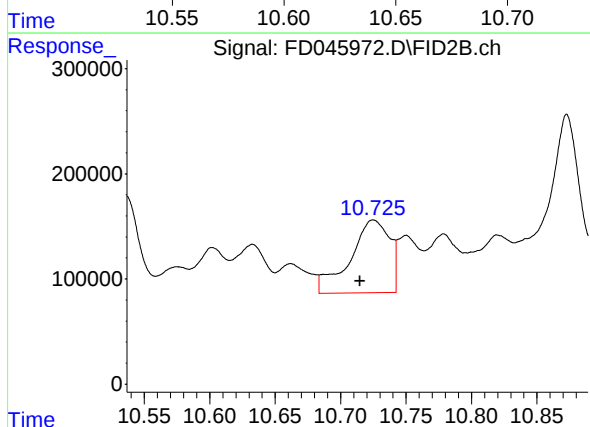
R.T.: 8.432 min
Delta R.T.: -0.041 min
Response: 102345
Conc: 0.43 ug/ml



#9 Phenanthrene (C19.36)

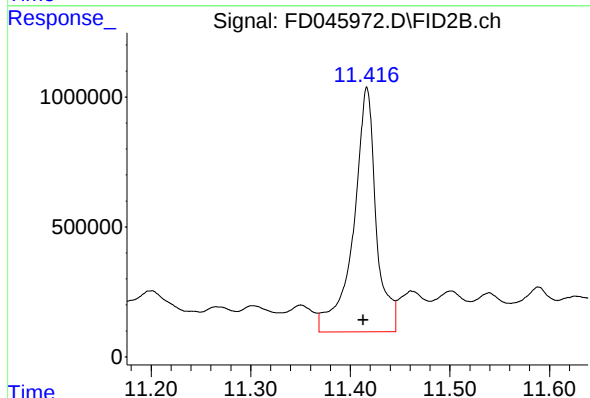
R.T.: 10.632 min
Delta R.T.: -0.009 min
Response: 756287
Conc: 3.54 ug/ml

Instrument :
FID_D
ClientSampleId :



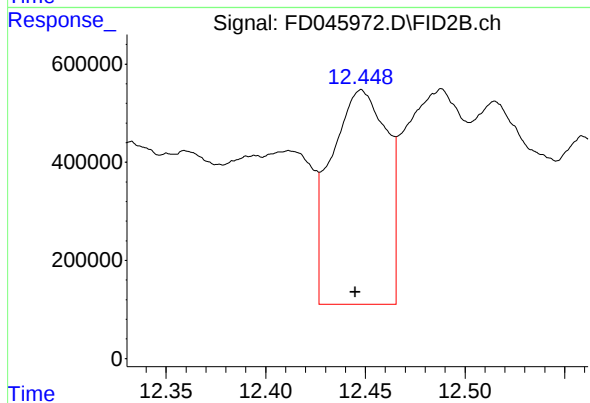
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: 0.010 min
Response: 1455861
Conc: 9.16 ug/ml



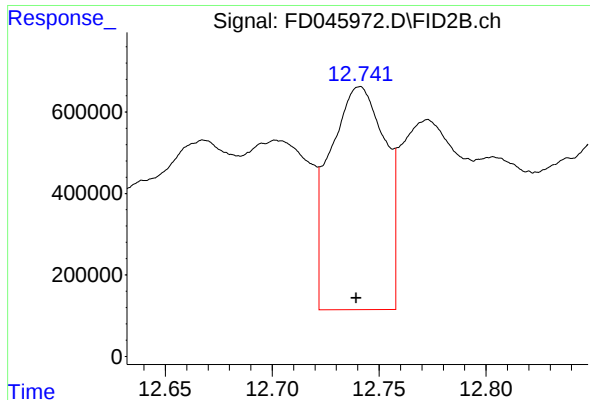
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: 0.004 min
Response: 14879872
Conc: 58.69 ug/ml



#12 Fluoranthene (C21.85)

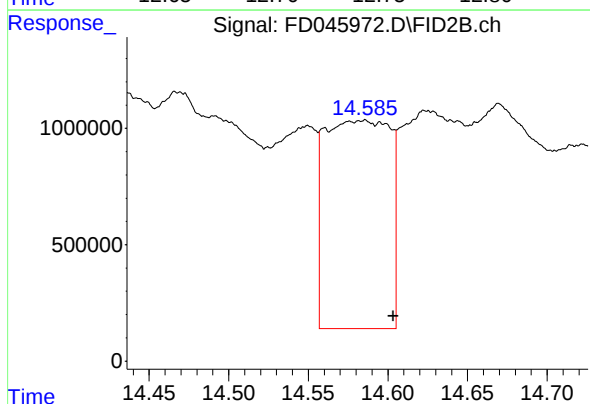
R.T.: 12.448 min
Delta R.T.: 0.003 min
Response: 8470757
Conc: 41.39 ug/ml



#13 Pyrene (C20.8)

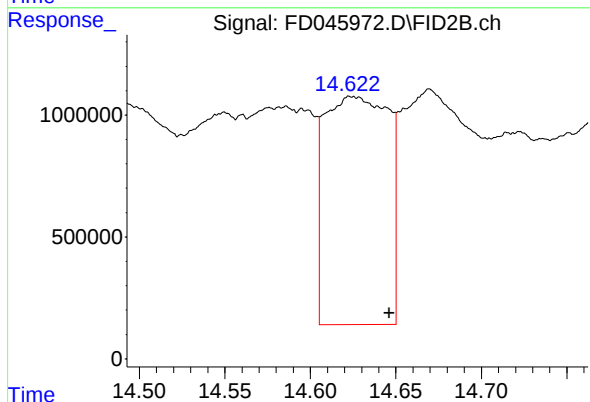
R.T.: 12.741 min
Delta R.T.: 0.002 min
Response: 9849327
Conc: 50.66 ug/ml

Instrument :
FID_D
ClientSampleId :



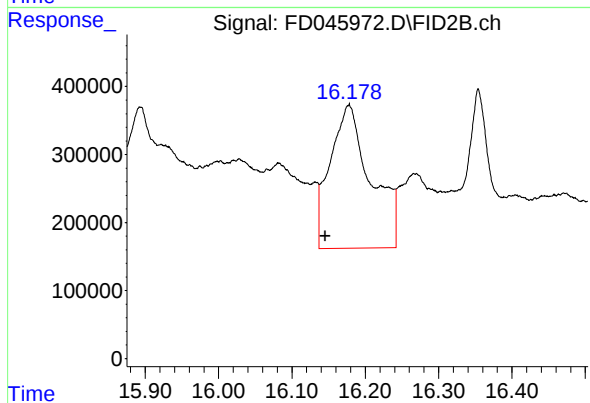
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: -0.019 min
Response: 25368396
Conc: 141.06 ug/ml



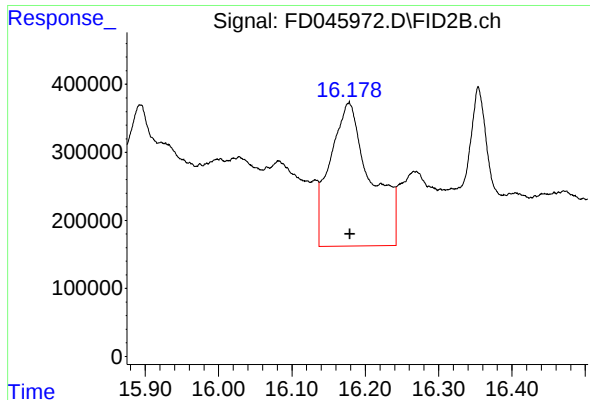
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: -0.021 min
Response: 24254354
Conc: 123.57 ug/ml



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

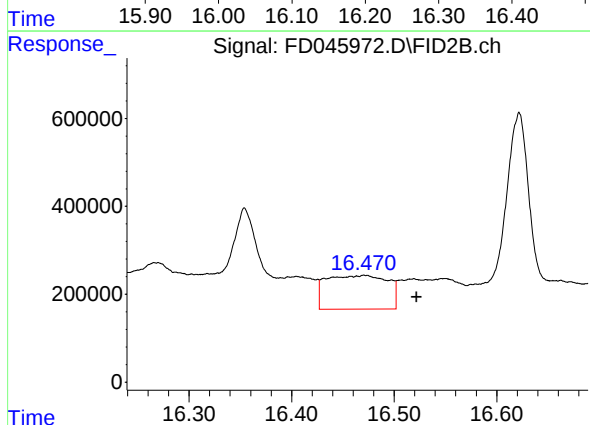
R.T.: 16.178 min
Delta R.T.: 0.032 min
Response: 8113366
Conc: 43.26 ug/ml



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

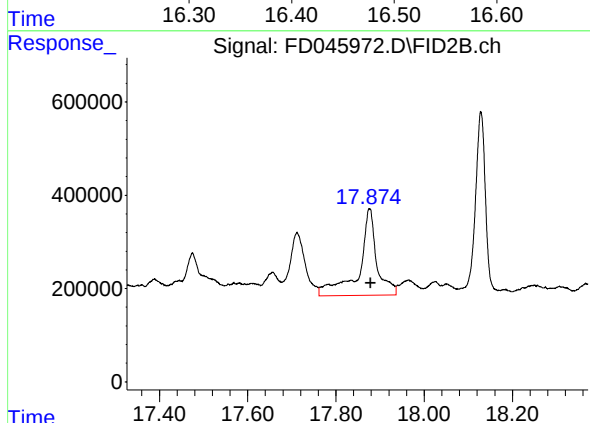
R.T.: 16.178 min
Delta R.T.: -0.002 min
Response: 8113366
Conc: 41.02 ug/ml

Instrument :
FID_D
ClientSampleId :



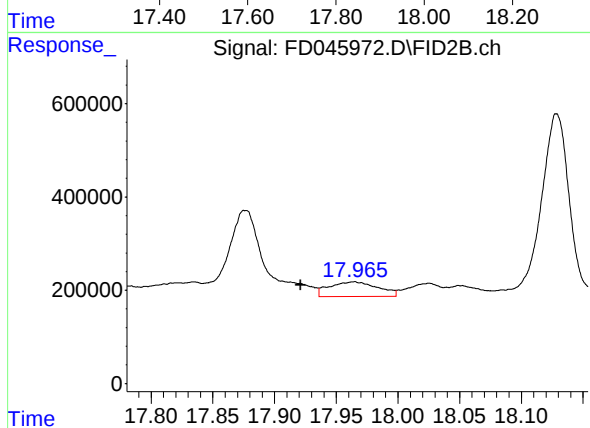
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: -0.051 min
Response: 3213887
Conc: 18.45 ug/ml



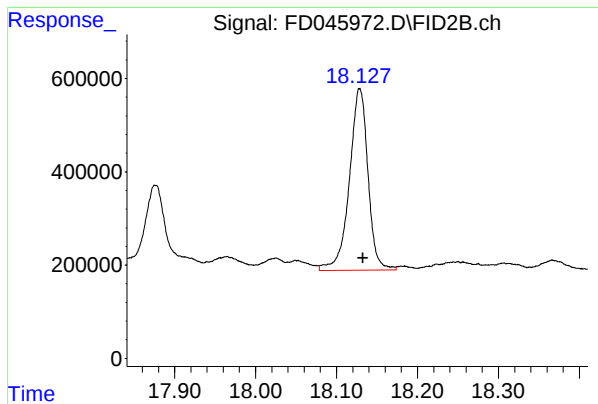
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.002 min
Response: 5207797
Conc: 27.98 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.043 min
Response: 851942
Conc: 4.63 ug/ml



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

R.T.: 18.129 min

Delta R.T.: -0.004 min

Response: 6218117

Conc: 33.28 ug/ml

Instrument :

FID_D

ClientSampleId :