

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048174.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 01:18
 Operator : YP/AJ
 Sample : P3478-04
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:22:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.401	6859257	46.151 ug/ml
Spiked Amount 50.000		Recovery =	92.30%
6) S 2-Fluorobiphenyl (SURR)	8.251	4139039	43.734 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.47%
11) S ortho-Terphenyl (SURR)	11.288	4326173	25.856 ug/ml
Spiked Amount 50.000		Recovery =	51.71%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.800	33170	0.191 ug/ml
7) T Acenaphthene (C15.5)	8.311	57929	0.334 ug/ml
8) T Flouorene (C16.55)	9.144	21583	0.133 ug/ml
9) T Phenanthrene (C19.36)	10.525	38129	0.240 ug/ml
12) T Fluoranthene (C21.85)	12.323	113301	0.716 ug/ml
13) T Pyrene (C20.8)	12.616	76613	0.484 ug/ml
14) T Benzo[a]anthracene (C...	14.489	31554	0.231 ug/ml
15) T Chrysene (C27.41)	14.529	97234	0.603 ug/ml
16) T benzo[b]fluoranthene ...	16.034	119541	0.831 ug/ml
17) T Bnezo[k]fluoranthene ...	16.070	100700	0.674 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	101877	0.719 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	157078	1.393 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	200278	1.378 ug/ml
21) T Benzo[g,h,i]perylene ...	18.028	68802	0.467 ug/ml

(f)=RT Delta > 1/2 Window

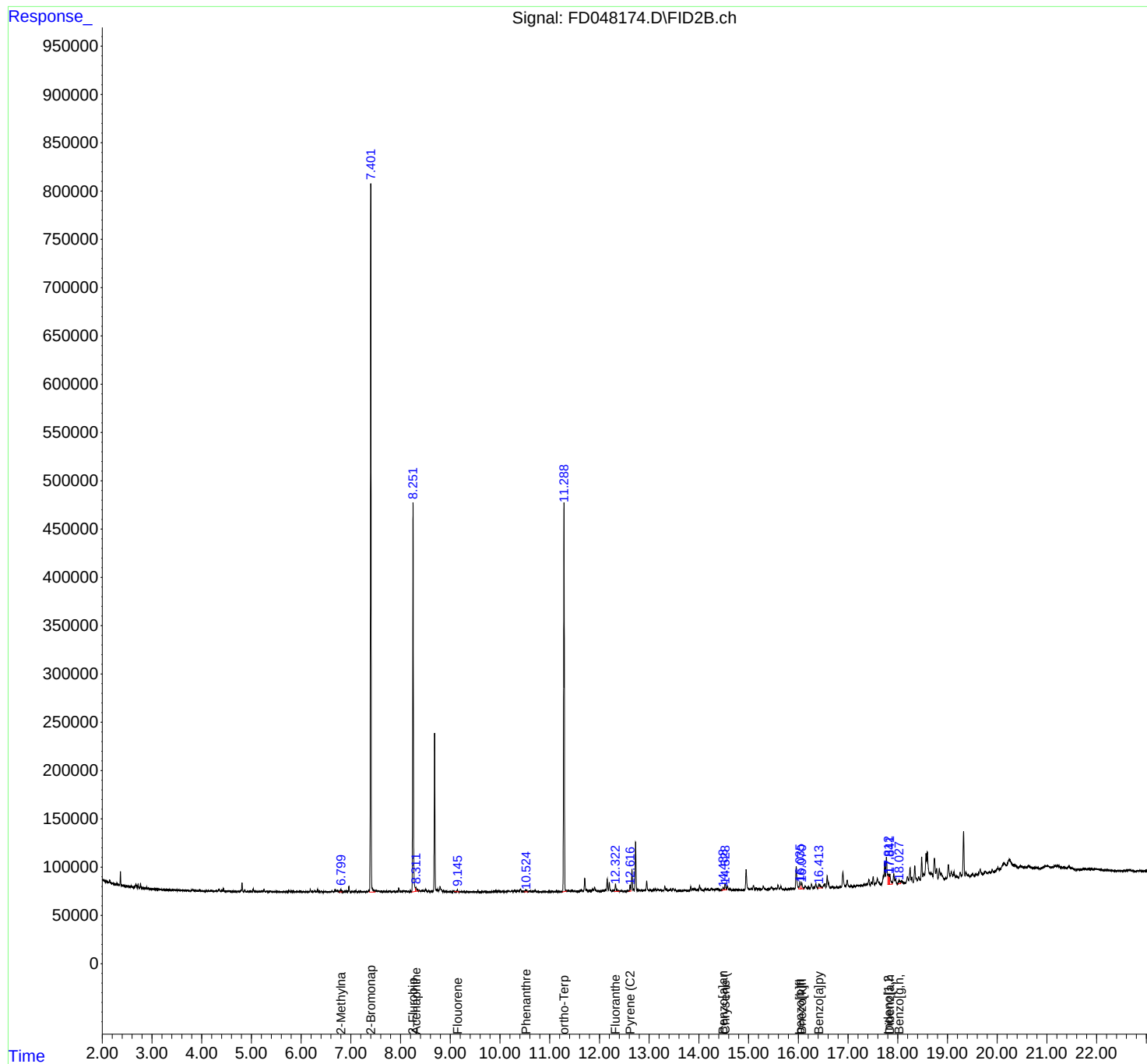
(m)=manual int.

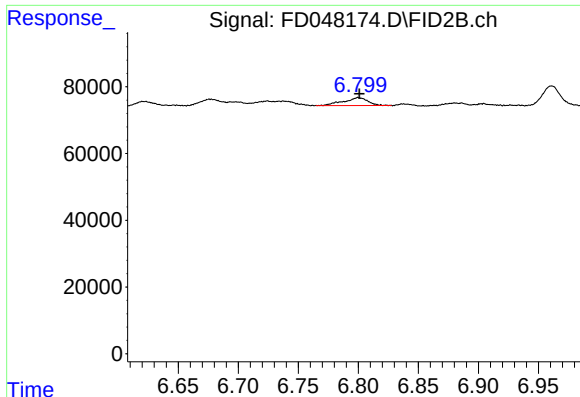
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Signal Info : 20M x 0.18mm x 0.18µm

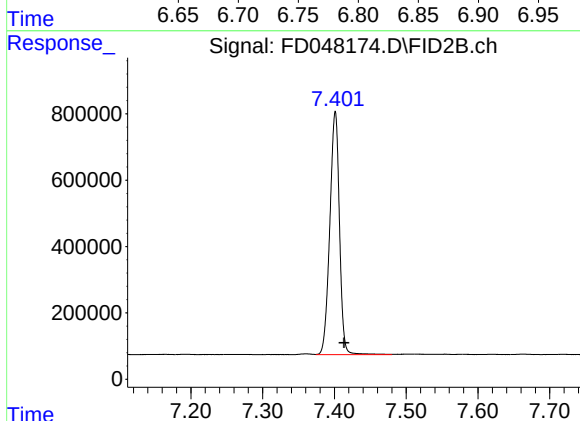




#3 2-Methylnaphthalene (C12.89)

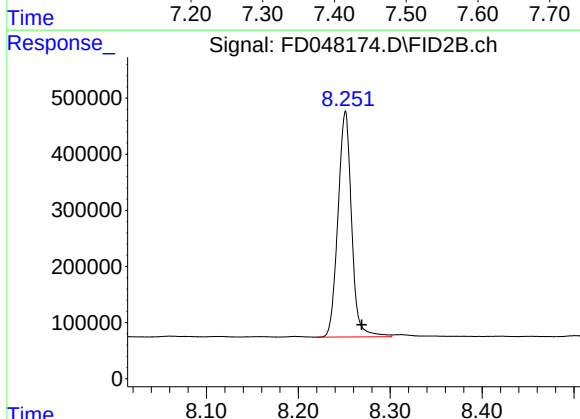
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 33170
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



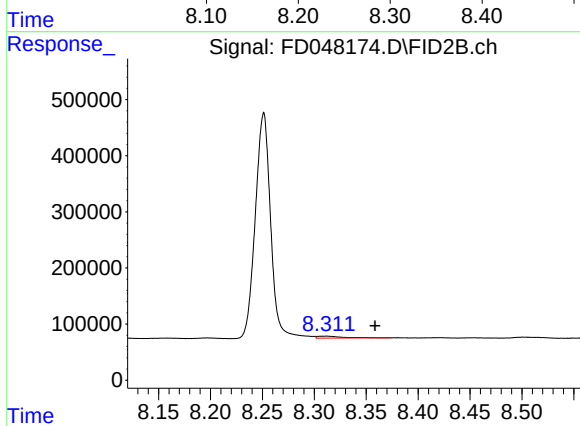
#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 6859257
Conc: 46.15 ug/ml



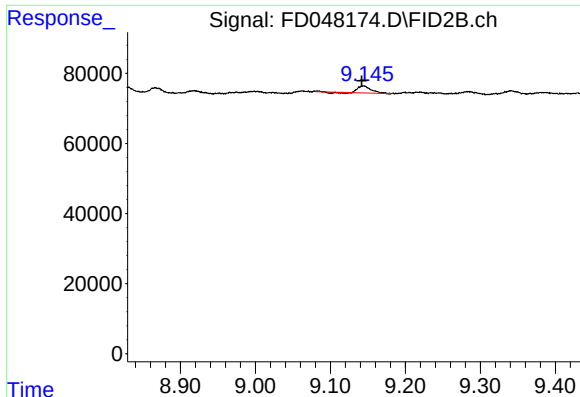
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 4139039
Conc: 43.73 ug/ml



#7 Acenaphthene (C15.5)

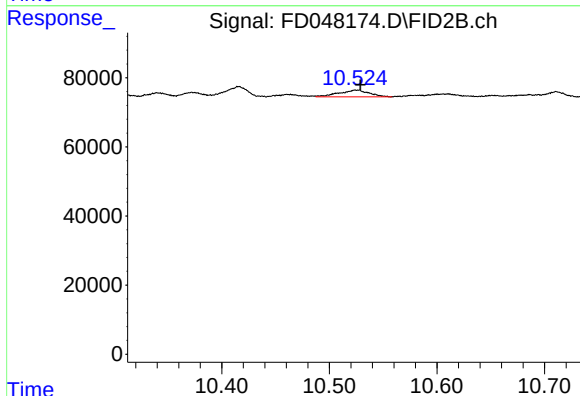
R.T.: 8.311 min
Delta R.T.: -0.048 min
Response: 57929
Conc: 0.33 ug/ml



#8 Fluorene (C16.55)

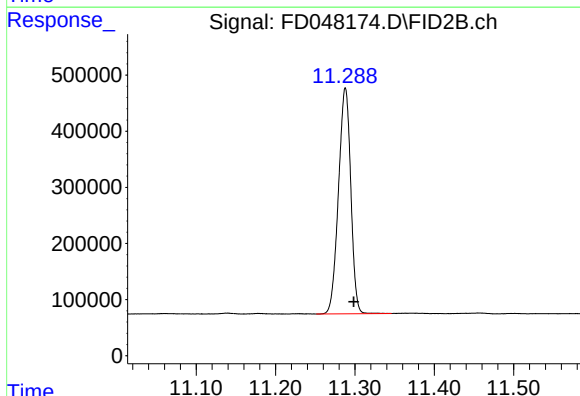
R.T.: 9.144 min
Delta R.T.: 0.002 min
Response: 21583
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



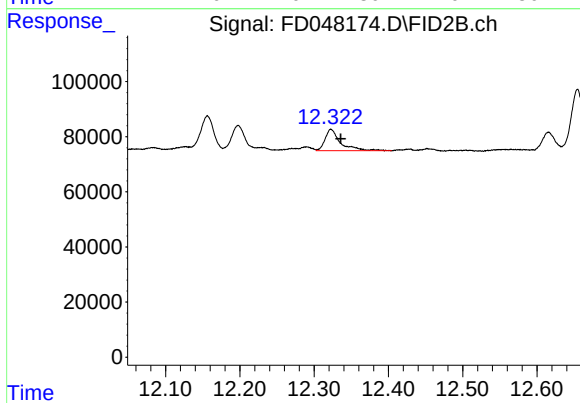
#9 Phenanthrene (C19.36)

R.T.: 10.525 min
Delta R.T.: -0.003 min
Response: 38129
Conc: 0.24 ug/ml



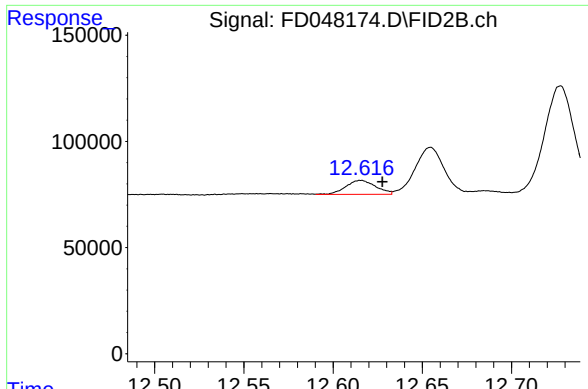
#11 ortho-Terphenyl (SURR)

R.T.: 11.288 min
Delta R.T.: -0.011 min
Response: 4326173
Conc: 25.86 ug/ml



#12 Fluoranthene (C21.85)

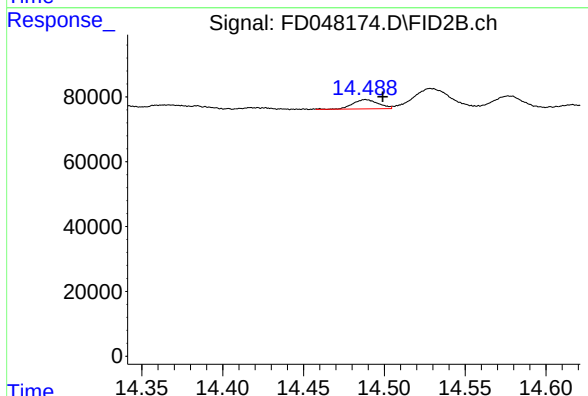
R.T.: 12.323 min
Delta R.T.: -0.013 min
Response: 113301
Conc: 0.72 ug/ml



#13 Pyrene (C20.8)

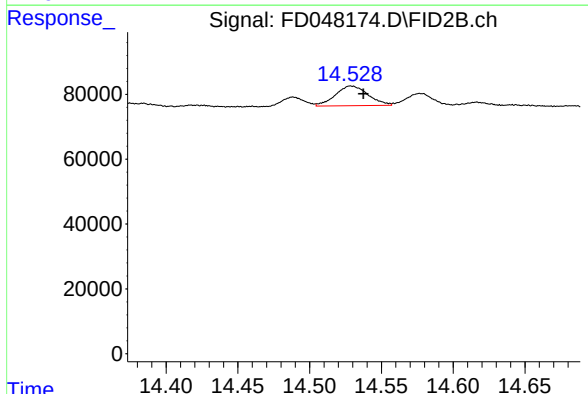
R.T.: 12.616 min
Delta R.T.: -0.012 min
Response: 76613
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



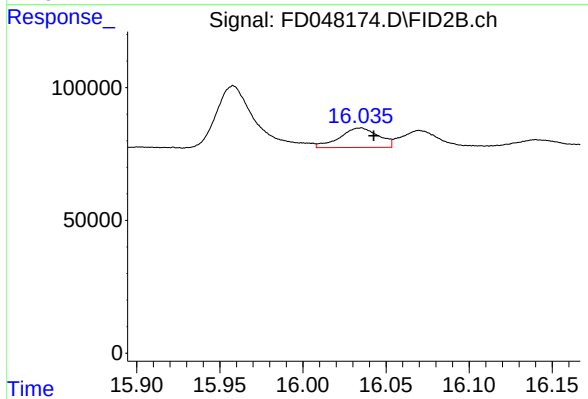
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.489 min
Delta R.T.: -0.010 min
Response: 31554
Conc: 0.23 ug/ml



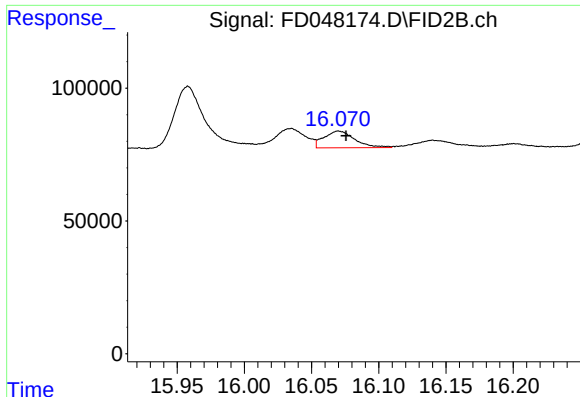
#15 Chrysene (C27.41)

R.T.: 14.529 min
Delta R.T.: -0.008 min
Response: 97234
Conc: 0.60 ug/ml



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

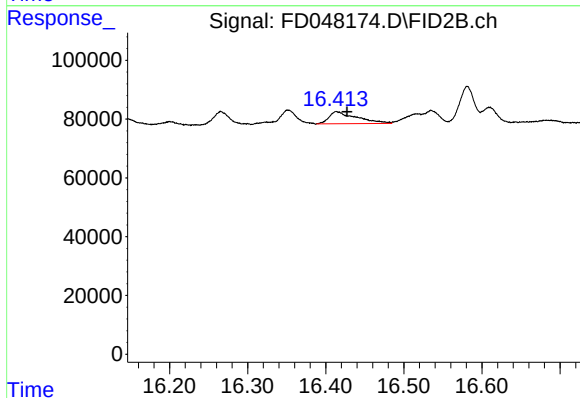
R.T.: 16.034 min
Delta R.T.: -0.008 min
Response: 119541
Conc: 0.83 ug/ml



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

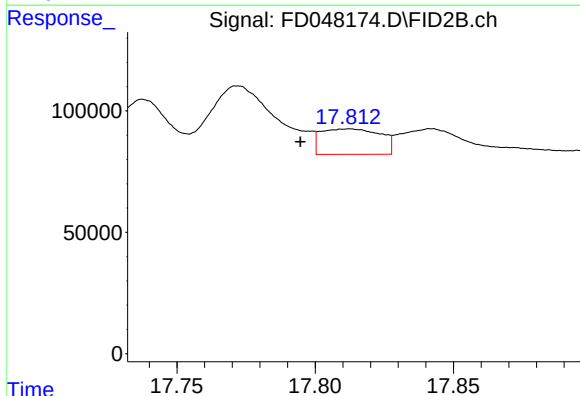
R.T.: 16.070 min
Delta R.T.: -0.005 min
Response: 100700
Conc: 0.67 ug/ml

Instrument :
FID_D
ClientSampleId :



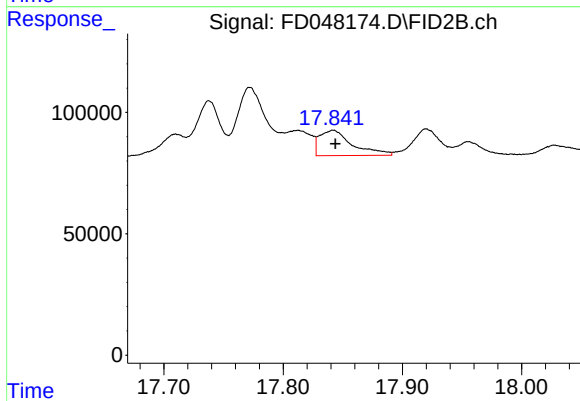
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: -0.013 min
Response: 101877
Conc: 0.72 ug/ml



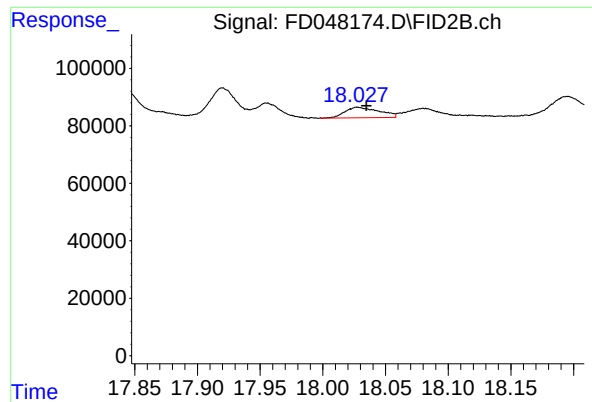
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.017 min
Response: 157078
Conc: 1.39 ug/ml



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

R.T.: 17.842 min
Delta R.T.: -0.002 min
Response: 200278
Conc: 1.38 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.006 min
Response: 68802
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :