

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048557.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 06:40
 Operator : YP/AJ
 Sample : P4471-01
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 23 11:14:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.375	7508532	45.350 ug/ml
Spiked Amount 50.000		Recovery =	90.70%
6) S 2-Fluorobiphenyl (SURR)	8.224	4973975	47.963 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.93%
11) S ortho-Terphenyl (SURR)	11.260	7187892	39.065 ug/ml
Spiked Amount 50.000		Recovery =	78.13%
Target Compounds			
7) T Acenaphthene (C15.5)	8.321	80478	0.425 ug/ml
8) T Flouorene (C16.55)	9.111	61048	0.338 ug/ml
9) T Phenanthrene (C19.36)	10.487	621190	3.505 ug/ml
10) T Anthracene (C19.43)	10.570	141445	0.795 ug/ml
12) T Fluoranthene (C21.85)	12.289	608433	3.364 ug/ml
13) T Pyrene (C20.8)	12.582	529228	2.955 ug/ml
14) T Benzo[a]anthracene (C...	14.458	137506	0.860 ug/ml
15) T Chrysene (C27.41)	14.498	238308	1.278 ug/ml
16) T benzo[b]fluoranthene ...	16.006	223517	1.342 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	92862	0.547 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	191188	1.170 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	278205	2.115 ug/ml
20) T Dibenz[a,h]anthracene...	17.808	84342	0.504 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	114557	0.705 ug/ml

(f)=RT Delta > 1/2 Window

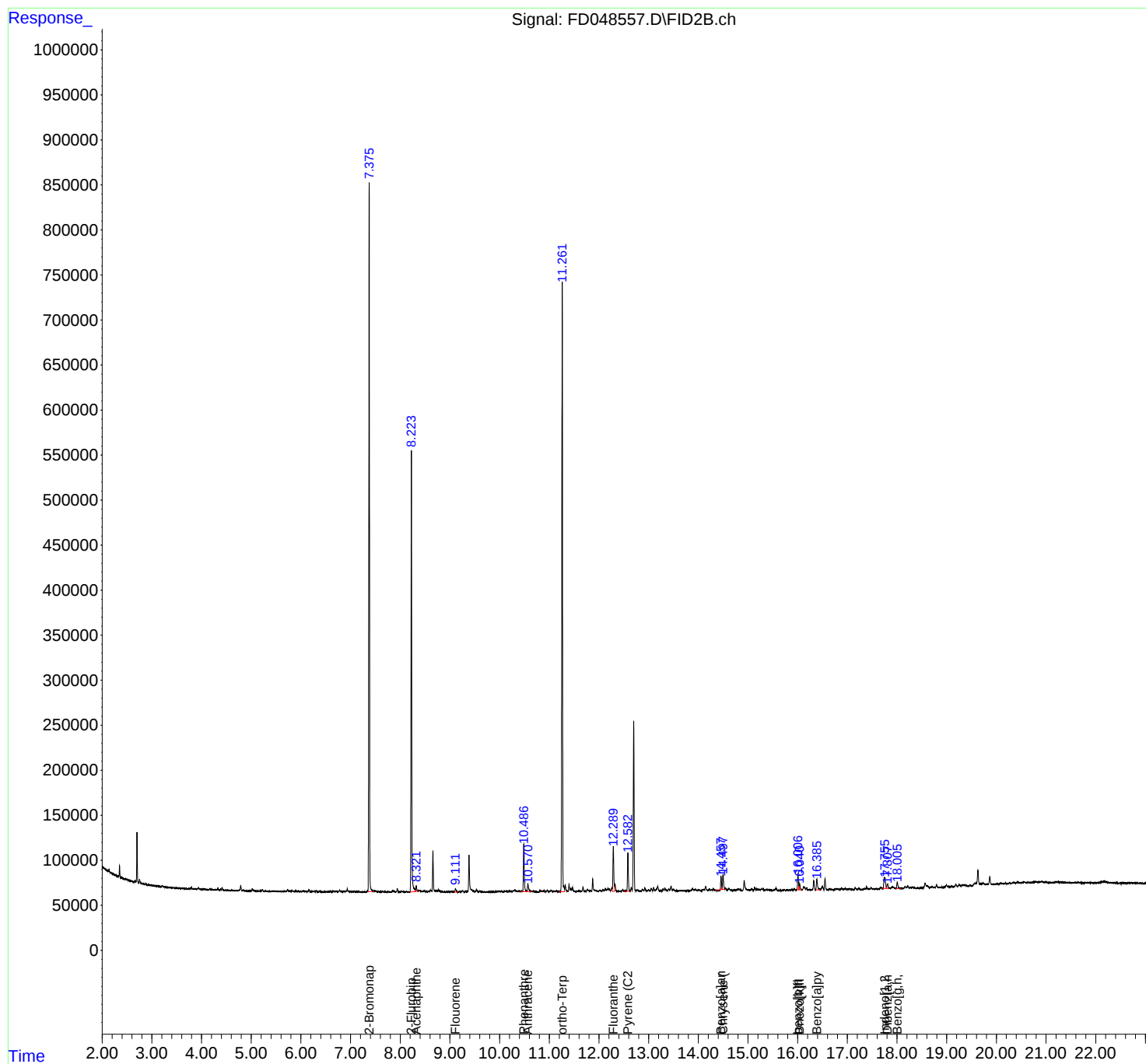
(m)=manual int.

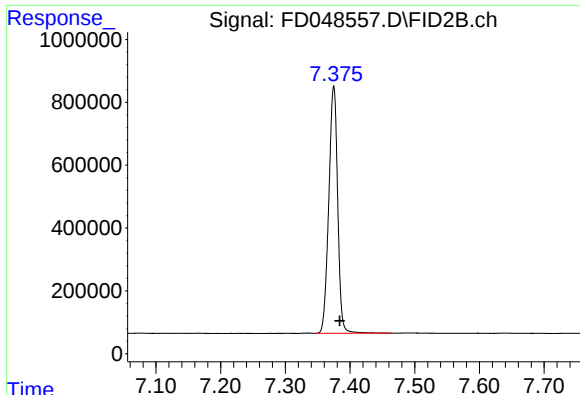
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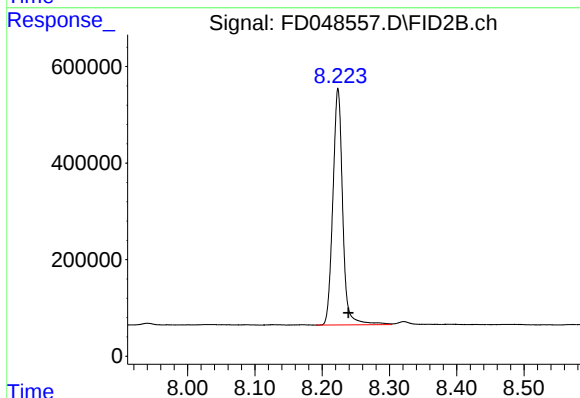




#4 2-Bromonaphthalene (SURRE)

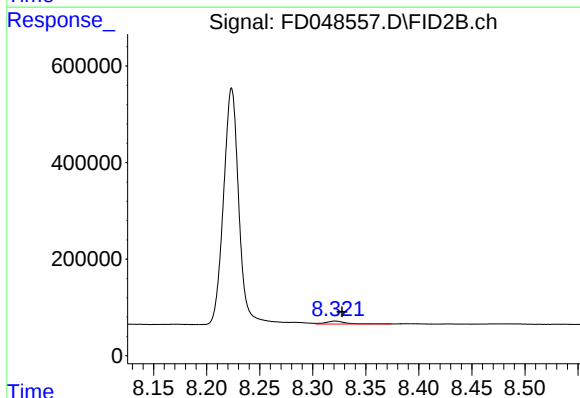
R.T.: 7.375 min
Delta R.T.: -0.010 min
Response: 7508532
Conc: 45.35 ug/ml

Instrument :
FID_D
ClientSampleId :



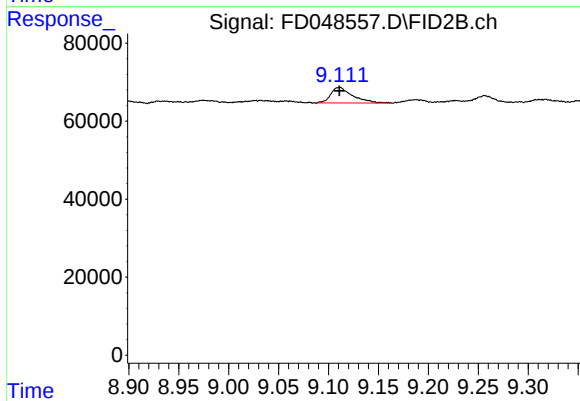
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.224 min
Delta R.T.: -0.015 min
Response: 4973975
Conc: 47.96 ug/ml



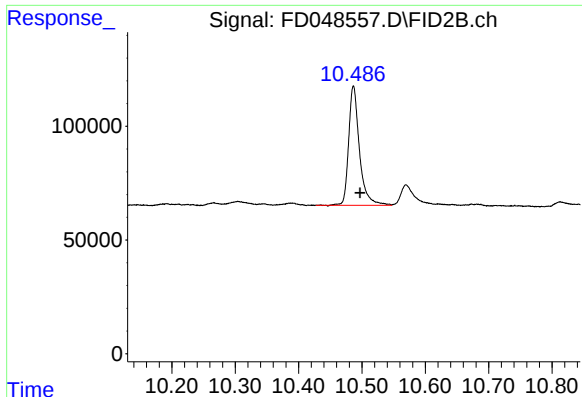
#7 Acenaphthene (C15.5)

R.T.: 8.321 min
Delta R.T.: -0.006 min
Response: 80478
Conc: 0.43 ug/ml



#8 Fluorene (C16.55)

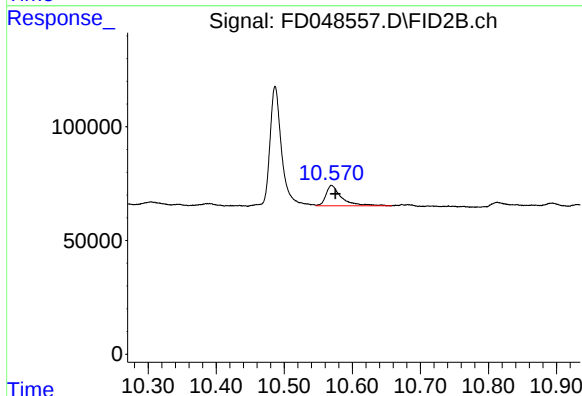
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 61048
Conc: 0.34 ug/ml



#9 Phenanthrene (C19.36)

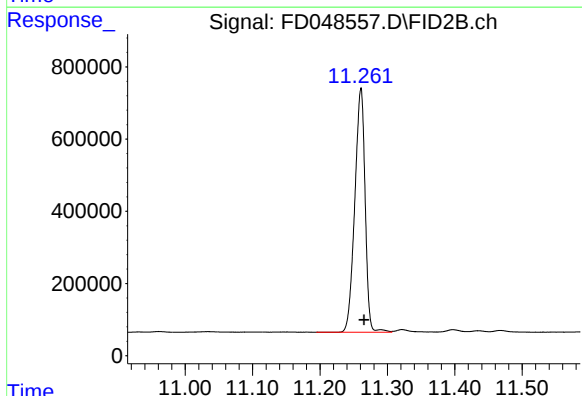
R.T.: 10.487 min
Delta R.T.: -0.010 min
Response: 621190
Conc: 3.50 ug/ml

Instrument :
FID_D
ClientSampleId :



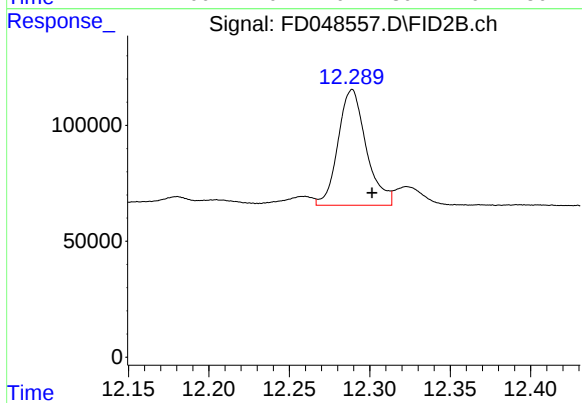
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: -0.005 min
Response: 141445
Conc: 0.79 ug/ml



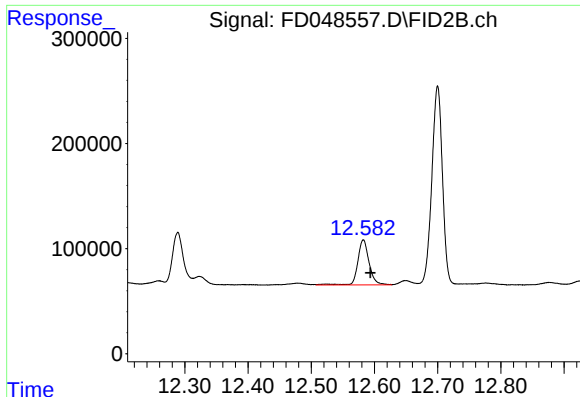
#11 ortho-Terphenyl (SURR)

R.T.: 11.260 min
Delta R.T.: -0.005 min
Response: 7187892
Conc: 39.07 ug/ml



#12 Fluoranthene (C21.85)

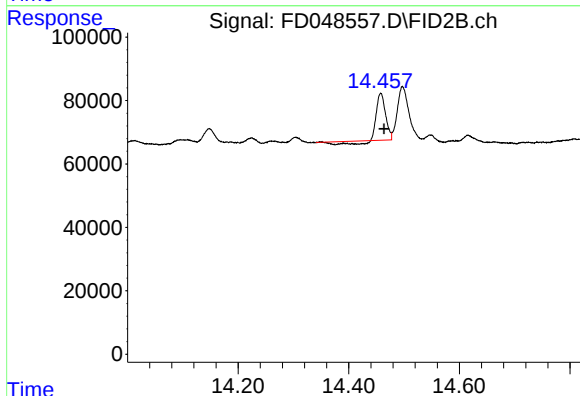
R.T.: 12.289 min
Delta R.T.: -0.013 min
Response: 608433
Conc: 3.36 ug/ml



#13 Pyrene (C20.8)

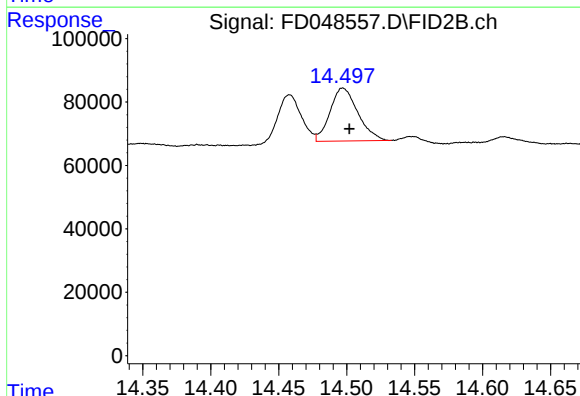
R.T.: 12.582 min
Delta R.T.: -0.011 min
Response: 529228
Conc: 2.96 ug/ml

Instrument :
FID_D
ClientSampleId :



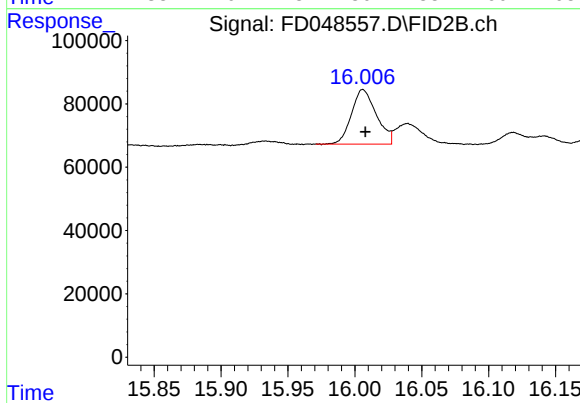
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.006 min
Response: 137506
Conc: 0.86 ug/ml



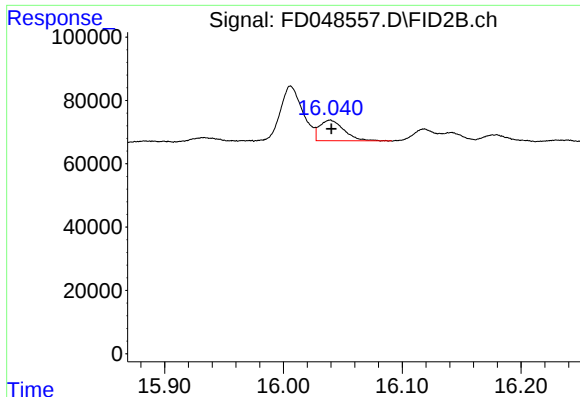
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: -0.005 min
Response: 238308
Conc: 1.28 ug/ml



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

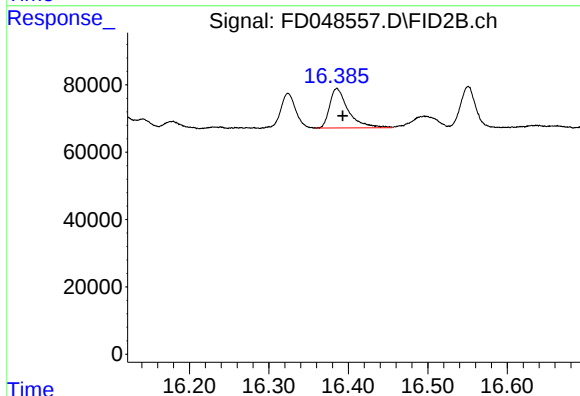
R.T.: 16.006 min
Delta R.T.: -0.002 min
Response: 223517
Conc: 1.34 ug/ml



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

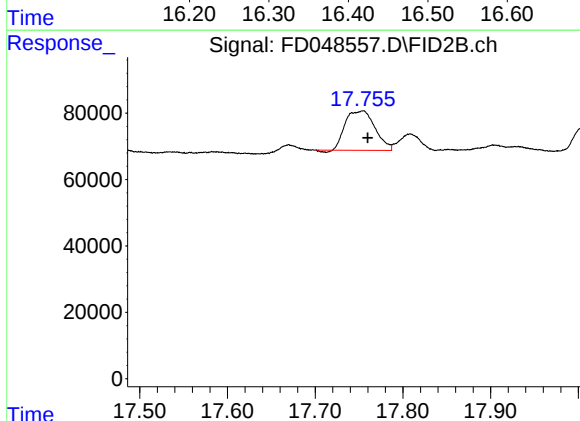
R.T.: 16.039 min
Delta R.T.: 0.000 min
Response: 92862
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



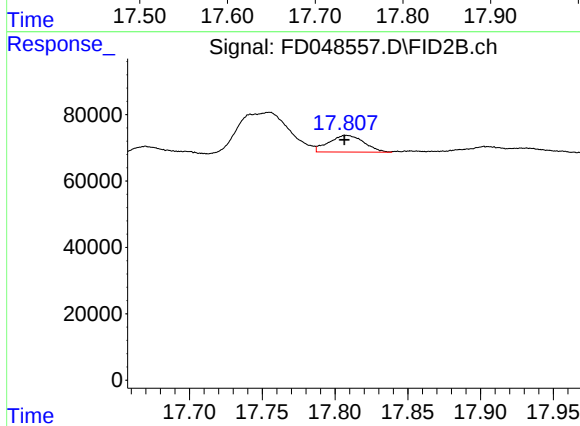
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 191188
Conc: 1.17 ug/ml



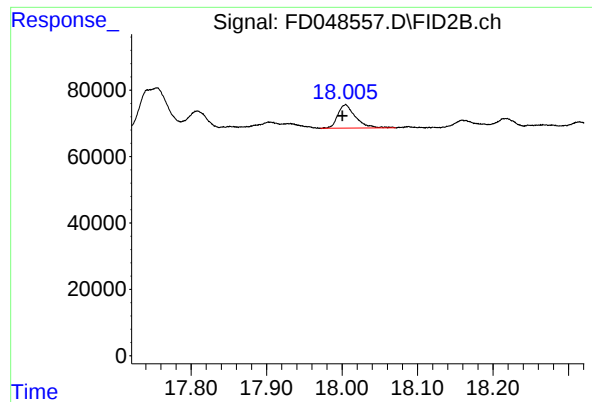
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: -0.007 min
Response: 278205
Conc: 2.11 ug/ml



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

R.T.: 17.808 min
Delta R.T.: 0.002 min
Response: 84342
Conc: 0.50 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.004 min
Response: 114557
Conc: 0.71 ug/ml

Instrument :

FID_D

ClientSampleId :