

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046822.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 21:44
 Operator : YP/AJ
 Sample : 05197-01D
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 02 00:08:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.486	8721096	47.820 ug/ml
Spiked Amount 50.000		Recovery =	95.64%
6) S 2-Fluorobiphenyl (SURR)	8.339	5667860	48.162 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.32%
11) S ortho-Terphenyl (SURR)	11.377	7373737	34.822 ug/ml
Spiked Amount 50.000		Recovery =	69.64%
Target Compounds			
2) T Naphthalene (C11.7)	5.830	55202	0.276 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	71844	0.357 ug/ml
5) T Acenaphthylene (C15.06)	8.144	59414	0.323 ug/ml
7) T Acenaphthene (C15.5)	8.435	129228	0.660 ug/ml
8) T Flouorene (C16.55)	9.219	99746	0.539 ug/ml
9) T Phenanthrene (C19.36)	10.601	757304	4.257 ug/ml
10) T Anthracene (C19.43)	10.678	152468	0.895 ug/ml
12) T Fluoranthene (C21.85)	12.402	966269	5.595 ug/ml
13) T Pyrene (C20.8)	12.695	776902	4.672 ug/ml
14) T Benzo[a]anthracene (C...	14.560	361147	2.567 ug/ml
15) T Chrysene (C27.41)	14.599	428115	2.745 ug/ml
16) T benzo[b]fluoranthene ...	16.101	443075	3.096 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	168589	1.152 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	365017	2.604 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	226927	1.796 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	79317	0.568 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	222450	1.593 ug/ml

(f)=RT Delta > 1/2 Window

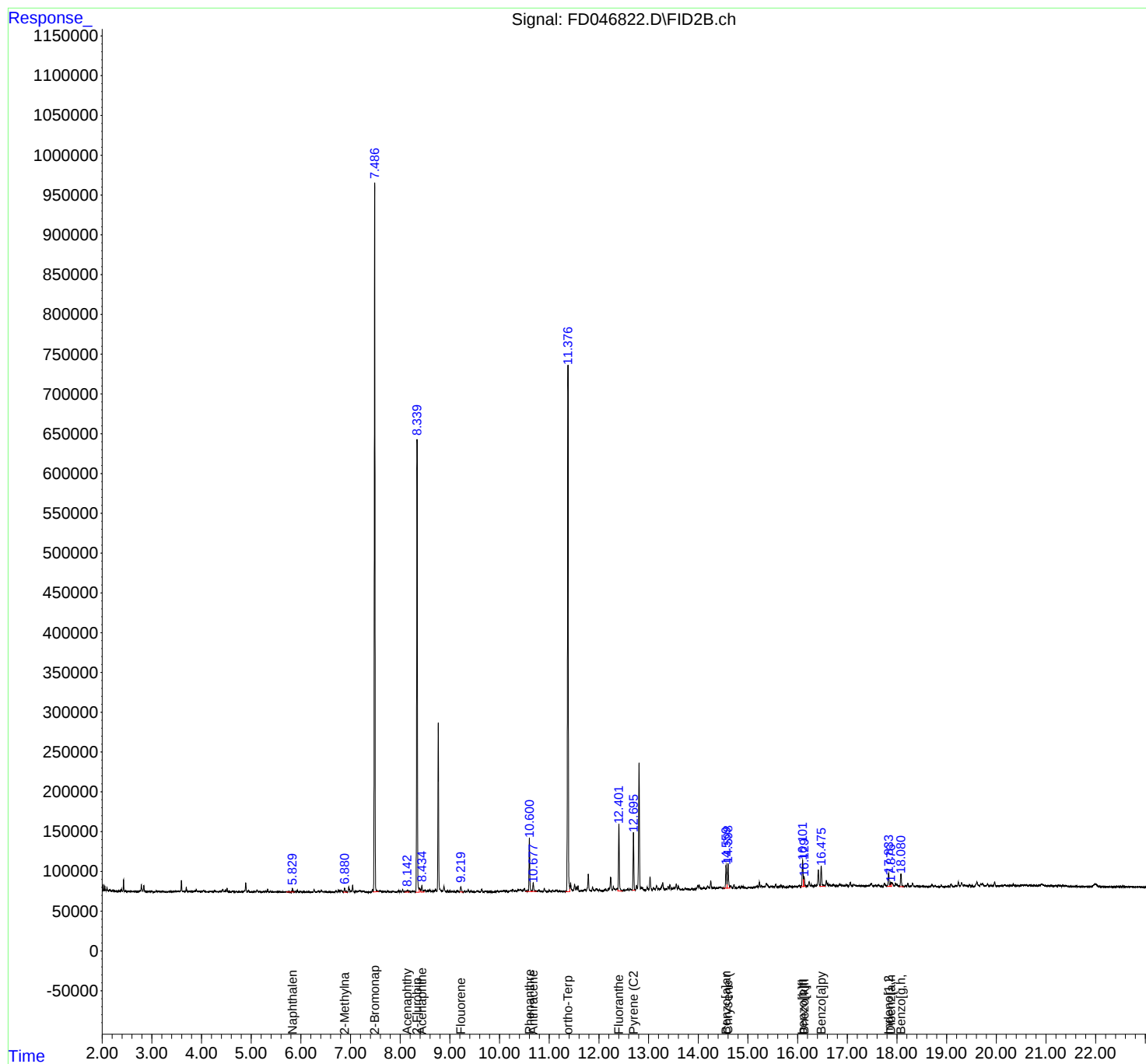
(m)=manual int.

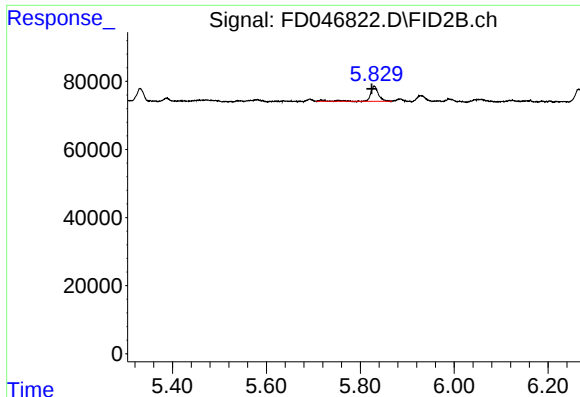
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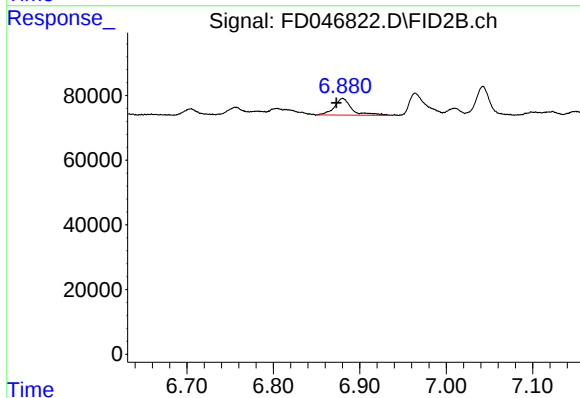




#2 Naphthalene (C11.7)

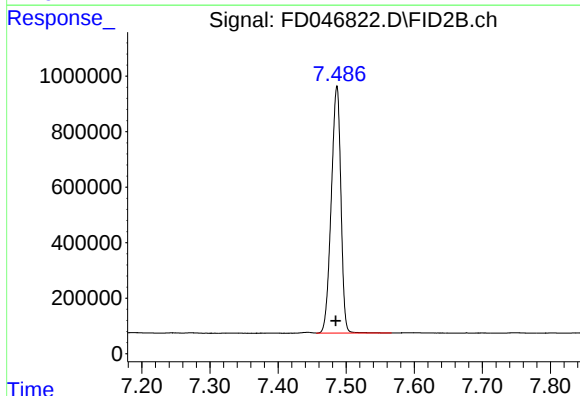
R.T.: 5.830 min
Delta R.T.: 0.005 min
Response: 55202
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



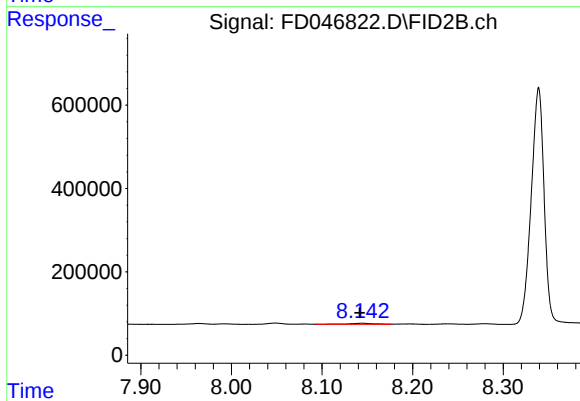
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: 0.007 min
Response: 71844
Conc: 0.36 ug/ml



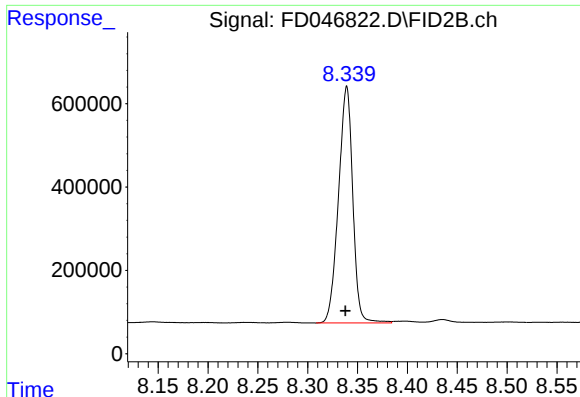
#4 2-Bromonaphthalene (SURR)

R.T.: 7.486 min
Delta R.T.: 0.002 min
Response: 8721096
Conc: 47.82 ug/ml



#5 Acenaphthylene (C15.06)

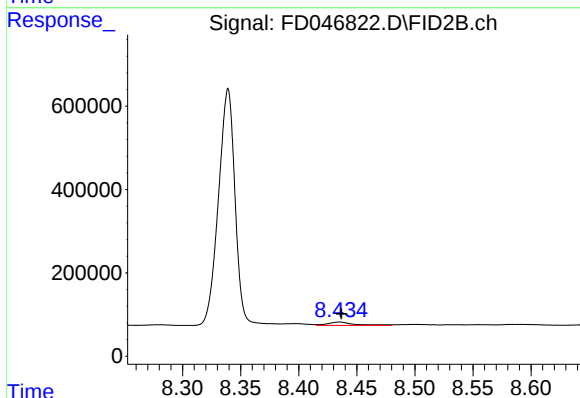
R.T.: 8.144 min
Delta R.T.: 0.003 min
Response: 59414
Conc: 0.32 ug/ml



#6 2-Fluorobiphenyl (SURR)

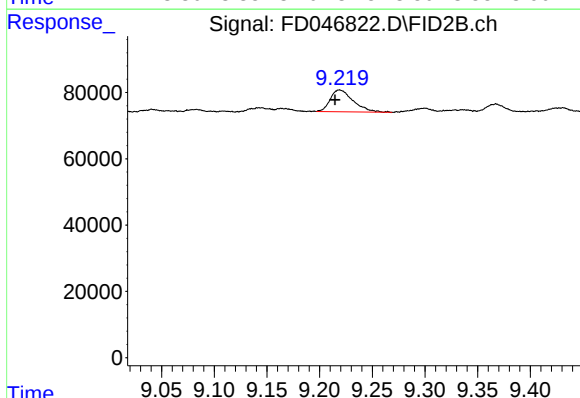
R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 5667860
Conc: 48.16 ug/ml

Instrument :
FID_D
ClientSampleId :



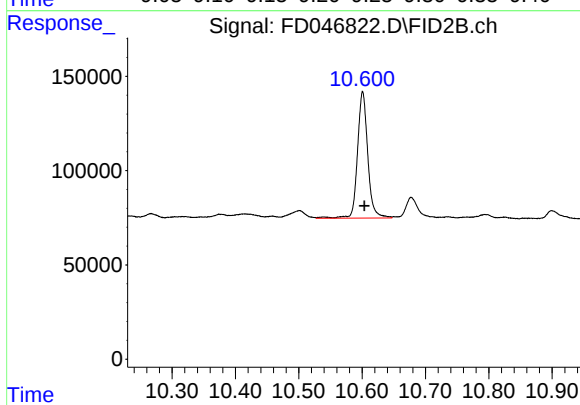
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 129228
Conc: 0.66 ug/ml



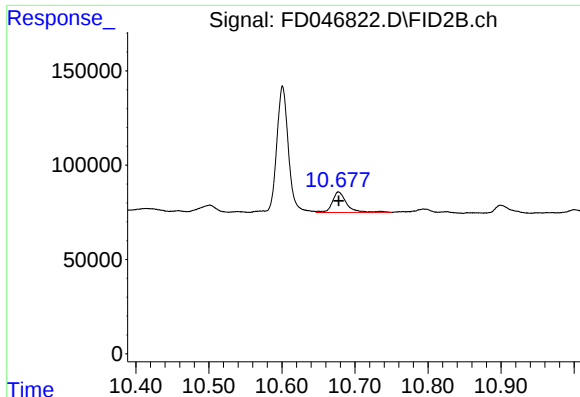
#8 Flouorene (C16.55)

R.T.: 9.219 min
Delta R.T.: 0.005 min
Response: 99746
Conc: 0.54 ug/ml



#9 Phenanthrene (C19.36)

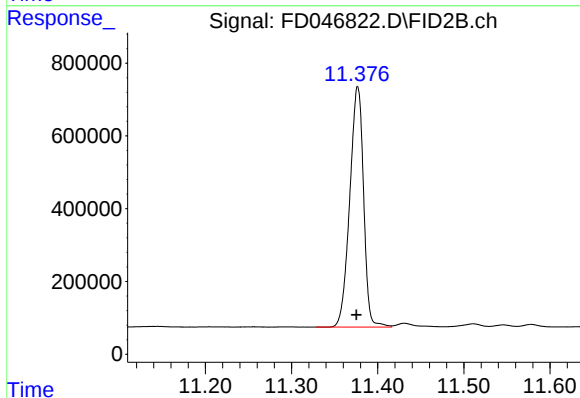
R.T.: 10.601 min
Delta R.T.: -0.002 min
Response: 757304
Conc: 4.26 ug/ml



#10 Anthracene (C19.43)

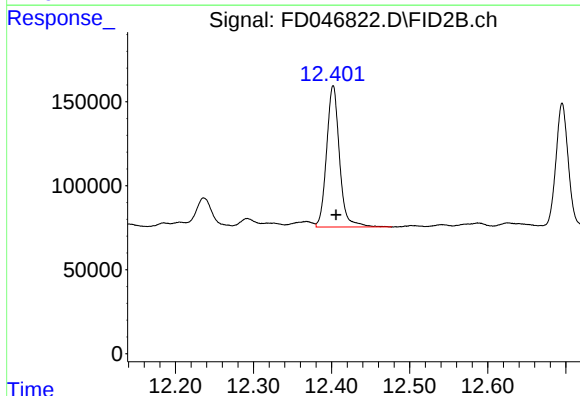
R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 152468
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



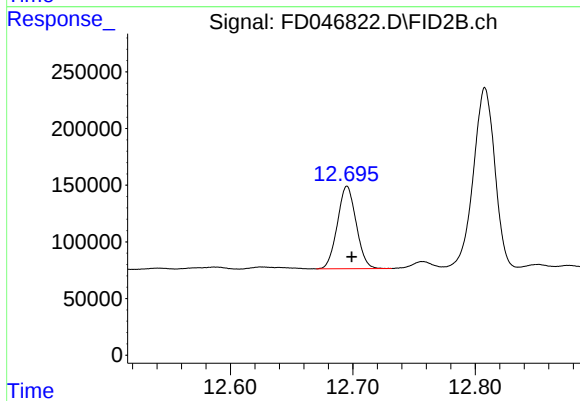
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: 0.002 min
Response: 7373737
Conc: 34.82 ug/ml



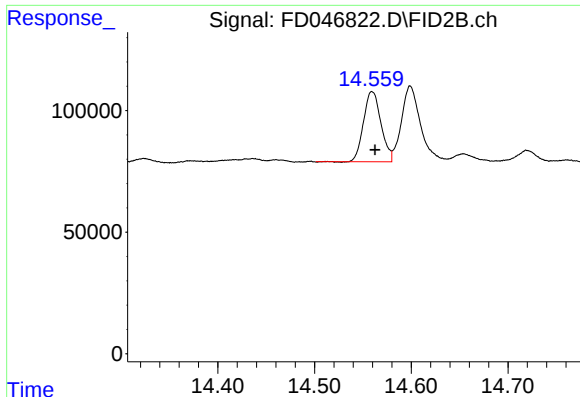
#12 Fluoranthene (C21.85)

R.T.: 12.402 min
Delta R.T.: -0.004 min
Response: 966269
Conc: 5.59 ug/ml



#13 Pyrene (C20.8)

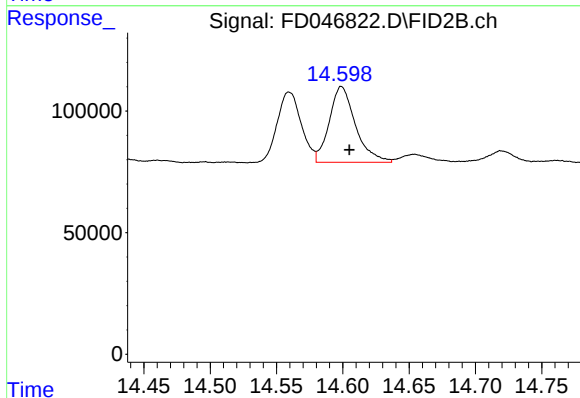
R.T.: 12.695 min
Delta R.T.: -0.004 min
Response: 776902
Conc: 4.67 ug/ml



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

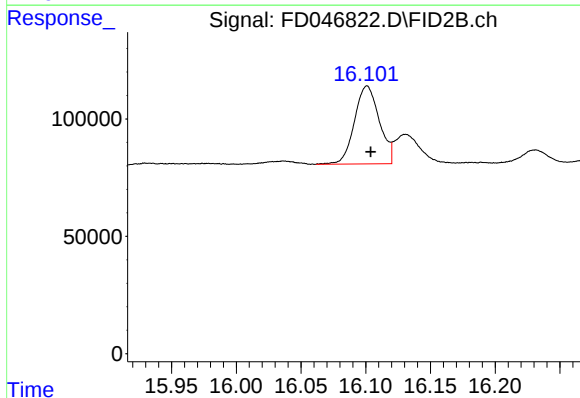
R.T.: 14.560 min
Delta R.T.: -0.003 min
Response: 361147
Conc: 2.57 ug/ml

Instrument :
FID_D
ClientSampleId :



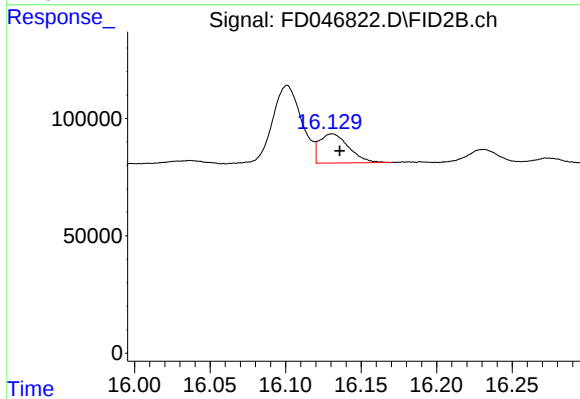
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: -0.006 min
Response: 428115
Conc: 2.75 ug/ml



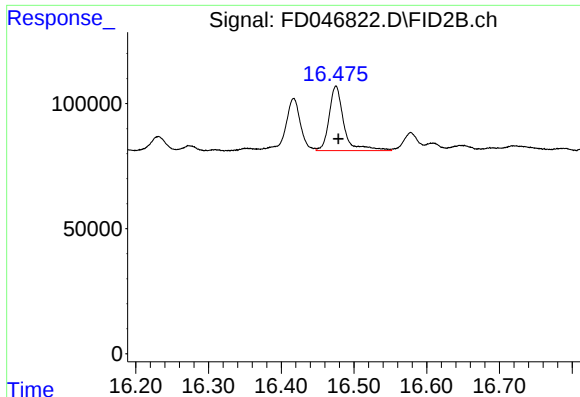
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 443075
Conc: 3.10 ug/ml



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

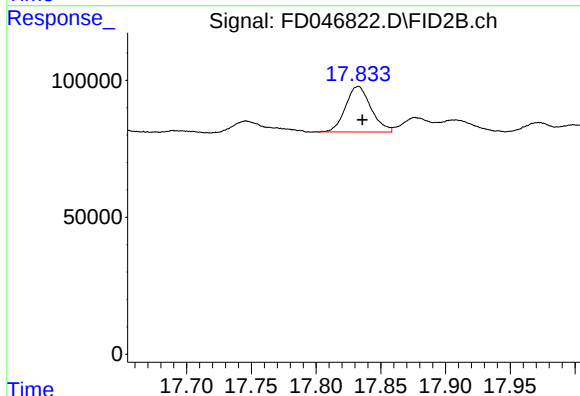
R.T.: 16.131 min
Delta R.T.: -0.005 min
Response: 168589
Conc: 1.15 ug/ml



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

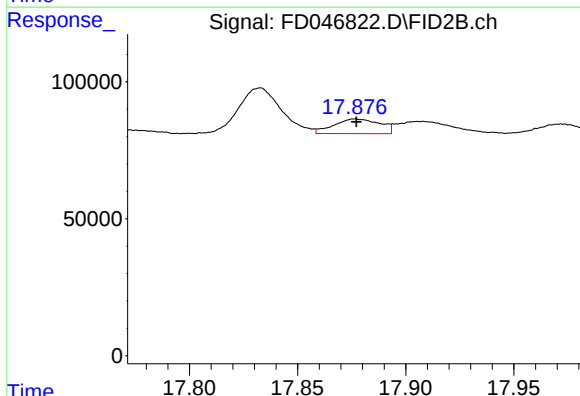
R.T.: 16.475 min
Delta R.T.: -0.003 min
Response: 365017
Conc: 2.60 ug/ml

Instrument :
FID_D
ClientSampleId :



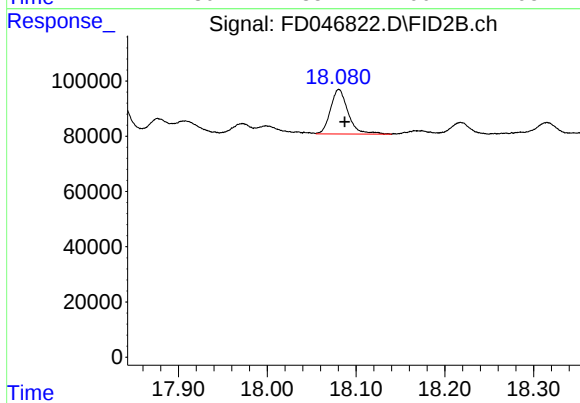
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: -0.003 min
Response: 226927
Conc: 1.80 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.000 min
Response: 79317
Conc: 0.57 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.006 min
Response: 222450
Conc: 1.59 ug/ml