

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046818.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 19:14
 Operator : YP/AJ
 Sample : 05047-16
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 23:56:48 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...	7.490	14316034	78.498 ug/ml
Spiked Amount 50.000		Recovery =	157.00%
6) S 2-Fluorobiphenyl (SURR)	8.345	11356751	96.503 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	193.01%#
11) S ortho-Terphenyl (SURR)	11.381	14603152	68.962 ug/ml
Spiked Amount 50.000		Recovery =	137.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	1788557	9.261 ug/ml
2) T Naphthalene (C11.7)	5.827	1071615	5.352 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	7790576	38.762 ug/ml
5) T Acenaphthylene (C15.06)	8.147	3998757	21.741 ug/ml
7) T Acenaphthene (C15.5)	8.432	5290576	27.008 ug/ml
8) T Flouorene (C16.55)	9.192	4034853	21.814 ug/ml
9) T Phenanthrene (C19.36)	10.605	3187818	17.919 ug/ml
10) T Anthracene (C19.43)	10.697	5445664	31.955 ug/ml
12) T Fluoranthene (C21.85)	12.410	3936474	22.792 ug/ml
13) T Pyrene (C20.8)	12.701	2345487	14.106 ug/ml
15) T Chrysene (C27.41)	14.653	415558	2.665 ug/ml
16) T benzo[b]fluoranthene ...	16.145	102711	0.718 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	102711	0.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	65530	0.519 ug/ml
20) T Dibenz[a,h]anthracene...	17.907	370508	2.652 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	56045	0.401 ug/ml

(f)=RT Delta > 1/2 Window

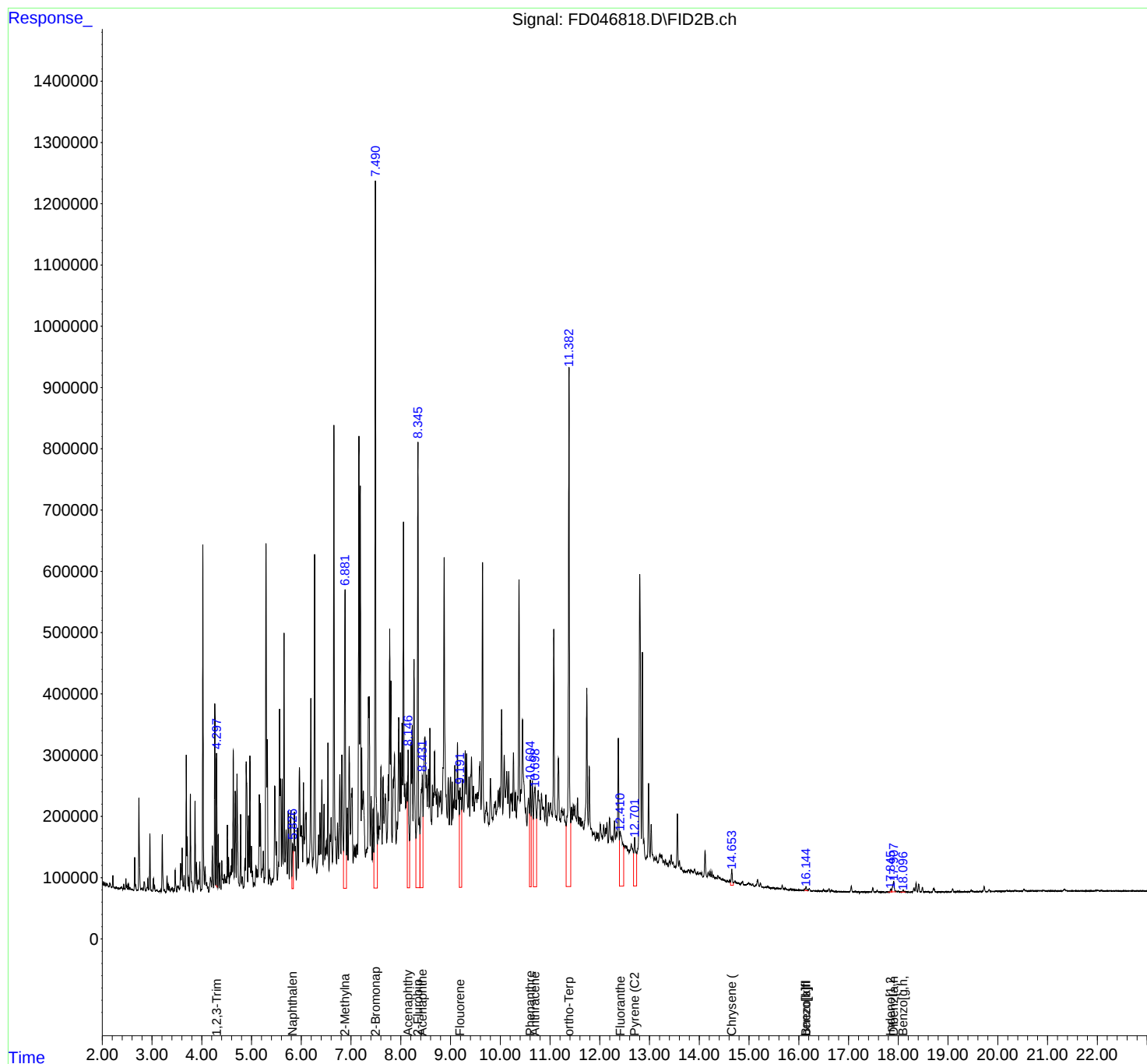
(m)=manual int.

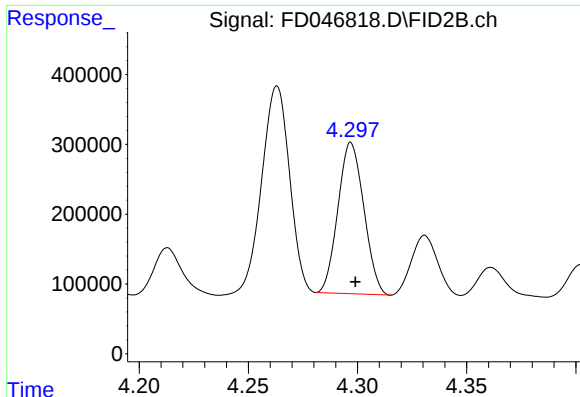
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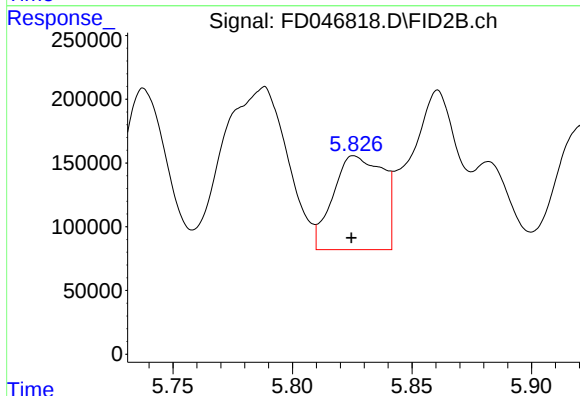




#1 1,2,3-Trimethylbenzene (C10.1)

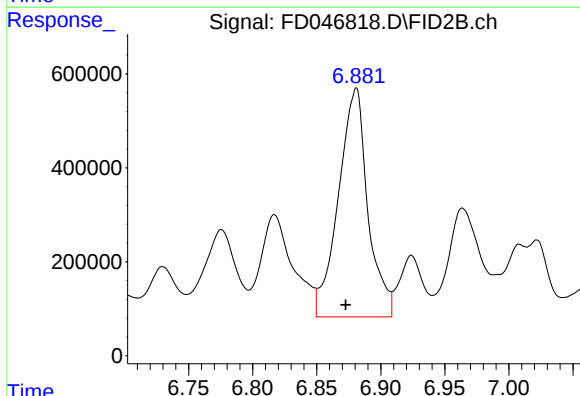
R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 1788557
Conc: 9.26 ug/ml

Instrument :
FID_D
ClientSampleId :



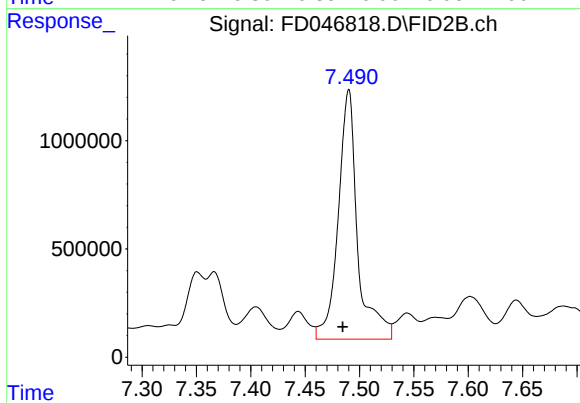
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.002 min
Response: 1071615
Conc: 5.35 ug/ml



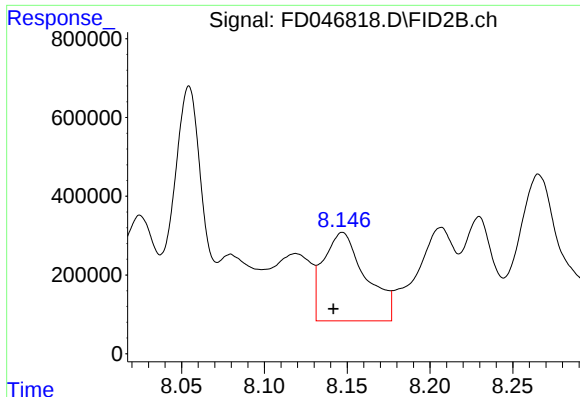
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: 0.007 min
Response: 7790576
Conc: 38.76 ug/ml



#4 2-Bromonaphthalene (SURR)

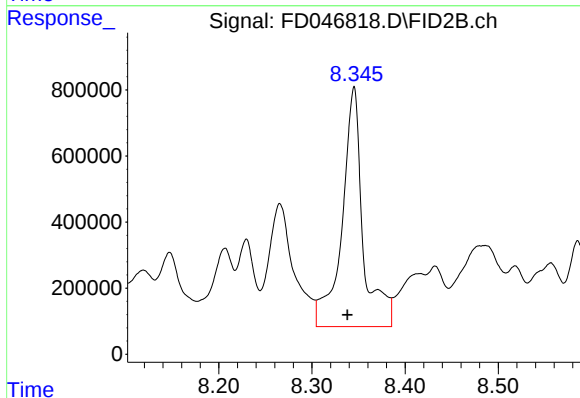
R.T.: 7.490 min
Delta R.T.: 0.005 min
Response: 14316034
Conc: 78.50 ug/ml



#5 Acenaphthylene (C15.06)

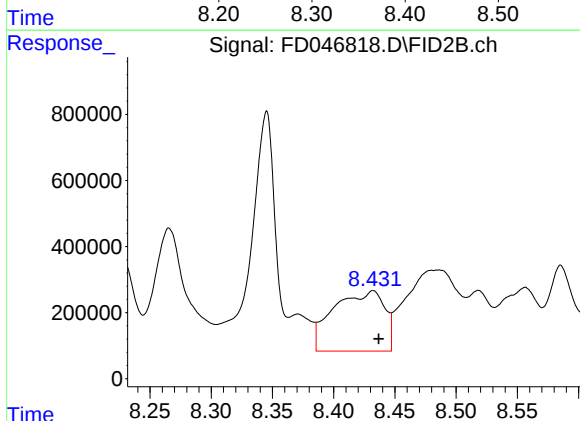
R.T.: 8.147 min
Delta R.T.: 0.005 min
Response: 3998757
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :



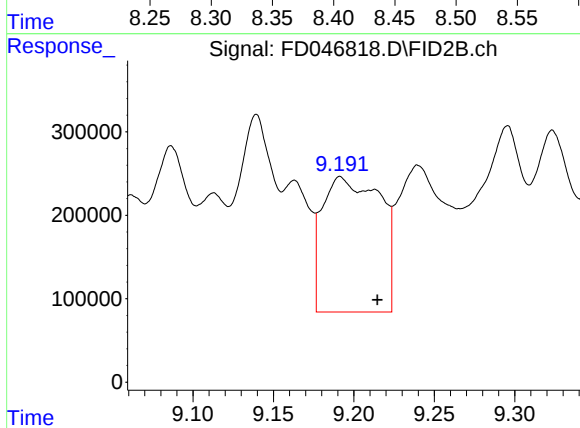
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: 0.007 min
Response: 11356751
Conc: 96.50 ug/ml



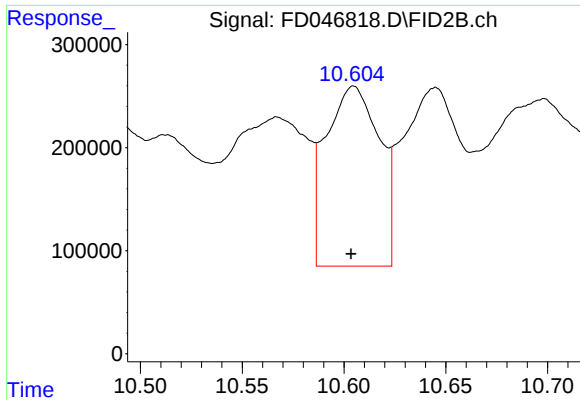
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 5290576
Conc: 27.01 ug/ml



#8 Fluorene (C16.55)

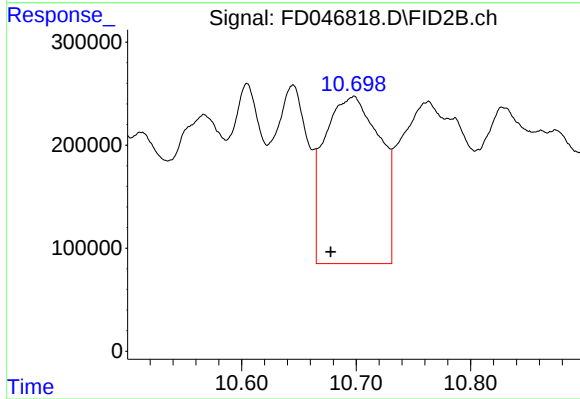
R.T.: 9.192 min
Delta R.T.: -0.023 min
Response: 4034853
Conc: 21.81 ug/ml



#9 Phenanthrene (C19.36)

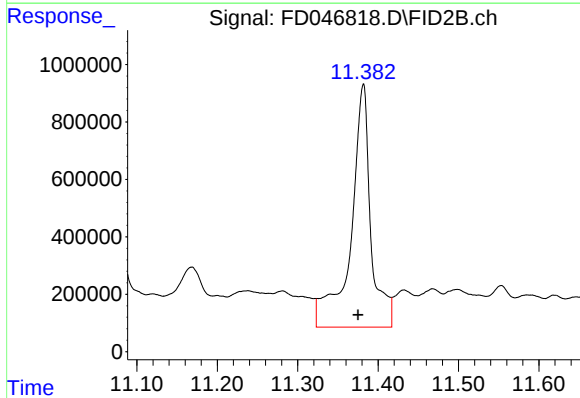
R.T.: 10.605 min
Delta R.T.: 0.001 min
Response: 3187818
Conc: 17.92 ug/ml

Instrument :
FID_D
ClientSampleId :



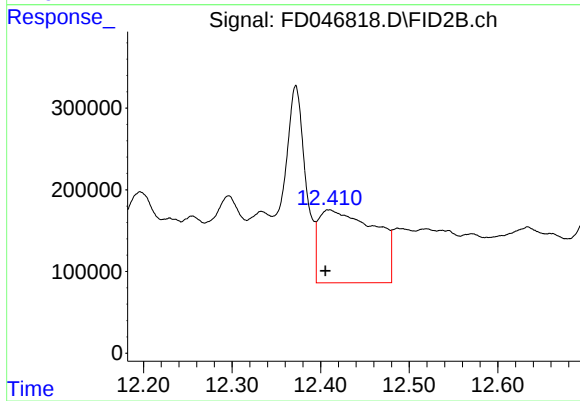
#10 Anthracene (C19.43)

R.T.: 10.697 min
Delta R.T.: 0.019 min
Response: 5445664
Conc: 31.95 ug/ml



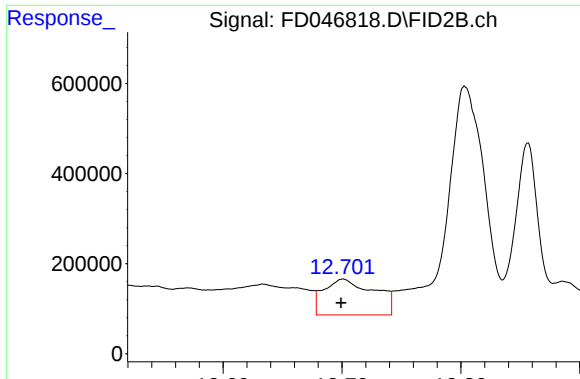
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: 0.006 min
Response: 14603152
Conc: 68.96 ug/ml



#12 Fluoranthene (C21.85)

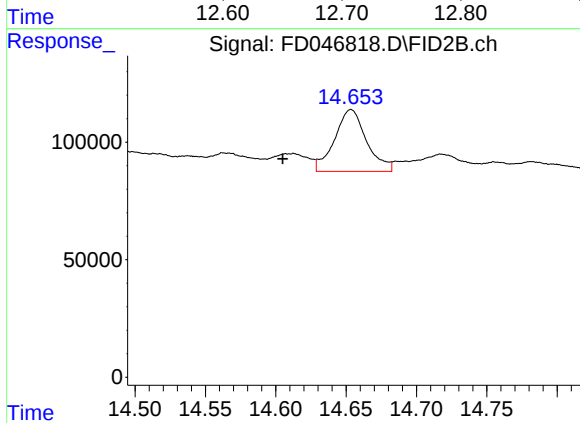
R.T.: 12.410 min
Delta R.T.: 0.004 min
Response: 3936474
Conc: 22.79 ug/ml



#13 Pyrene (C20.8)

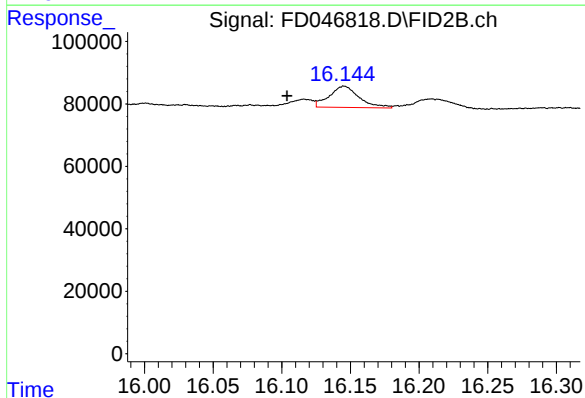
R.T.: 12.701 min
Delta R.T.: 0.002 min
Response: 2345487
Conc: 14.11 ug/ml

Instrument :
FID_D
ClientSampleId :



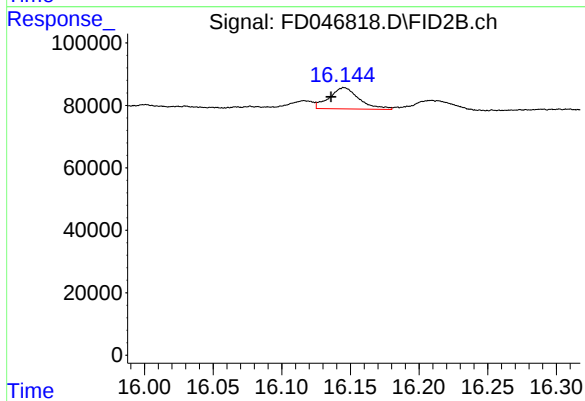
#15 Chrysene (C27.41)

R.T.: 14.653 min
Delta R.T.: 0.049 min
Response: 415558
Conc: 2.66 ug/ml



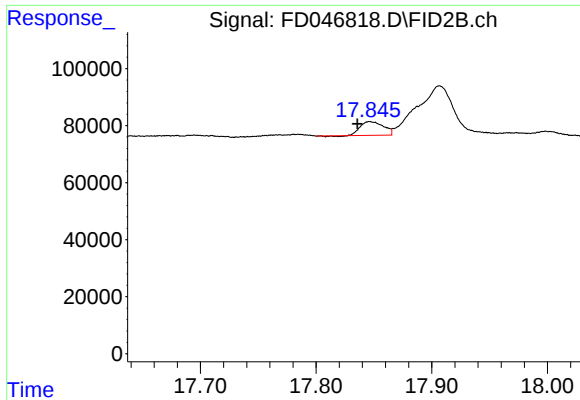
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.145 min
Delta R.T.: 0.041 min
Response: 102711
Conc: 0.72 ug/ml



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

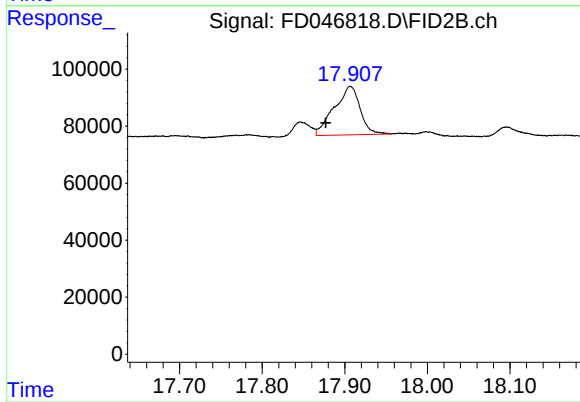
R.T.: 16.145 min
Delta R.T.: 0.010 min
Response: 102711
Conc: 0.70 ug/ml



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

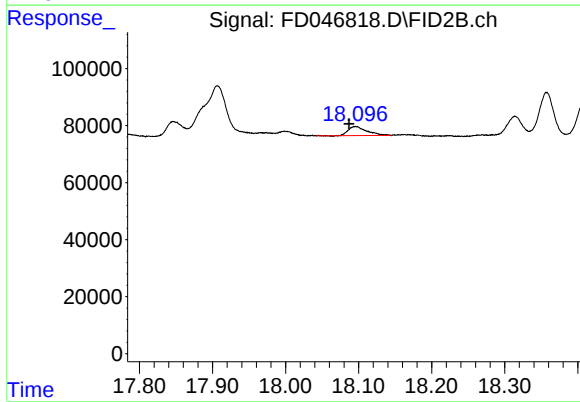
R.T.: 17.847 min
Delta R.T.: 0.011 min
Response: 65530
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.907 min
Delta R.T.: 0.030 min
Response: 370508
Conc: 2.65 ug/ml



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

R.T.: 18.096 min
Delta R.T.: 0.009 min
Response: 56045
Conc: 0.40 ug/ml