

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048244.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 22:51
 Operator : YP/AJ
 Sample : P3751-04
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 03:00:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.394	7734543	51.819 ug/ml
Spiked Amount 50.000		Recovery =	103.64%
6) S 2-Fluorobiphenyl (SURR)	8.244	5109983	53.386 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.77%
11) S ortho-Terphenyl (SURR)	11.282	7421148	44.057 ug/ml
Spiked Amount 50.000		Recovery =	88.11%
Target Compounds			
2) T Naphthalene (C11.7)	5.743	111361	0.639 ug/ml
3) T 2-Methylnaphthalene (...)	6.794	52781	0.304 ug/ml
5) T Acenaphthylene (C15.06)	8.053	52971	0.308 ug/ml
8) T Flouorene (C16.55)	9.140	38175	0.231 ug/ml
9) T Phenanthrene (C19.36)	10.494	335276	2.095 ug/ml
10) T Anthracene (C19.43)	10.601	386917	2.467 ug/ml
12) T Fluoranthene (C21.85)	12.322	1565891	9.835 ug/ml
13) T Pyrene (C20.8)	12.610	3657095	23.303 ug/ml
14) T Benzo[a]anthracene (C...	14.495	1354166	9.613 ug/ml
15) T Chrysene (C27.41)	14.528	1748300	10.968 ug/ml
16) T benzo[b]fluoranthene ...	16.044	1457097	9.814 ug/ml
17) T Bnezo[k]fluoranthene ...	16.044	1457097	9.822 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	95833	0.651 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	1186746	9.709 ug/ml
20) T Dibenz[a,h]anthracene...	17.835	250532	1.640 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	3796075	25.138 ug/ml

(f)=RT Delta > 1/2 Window

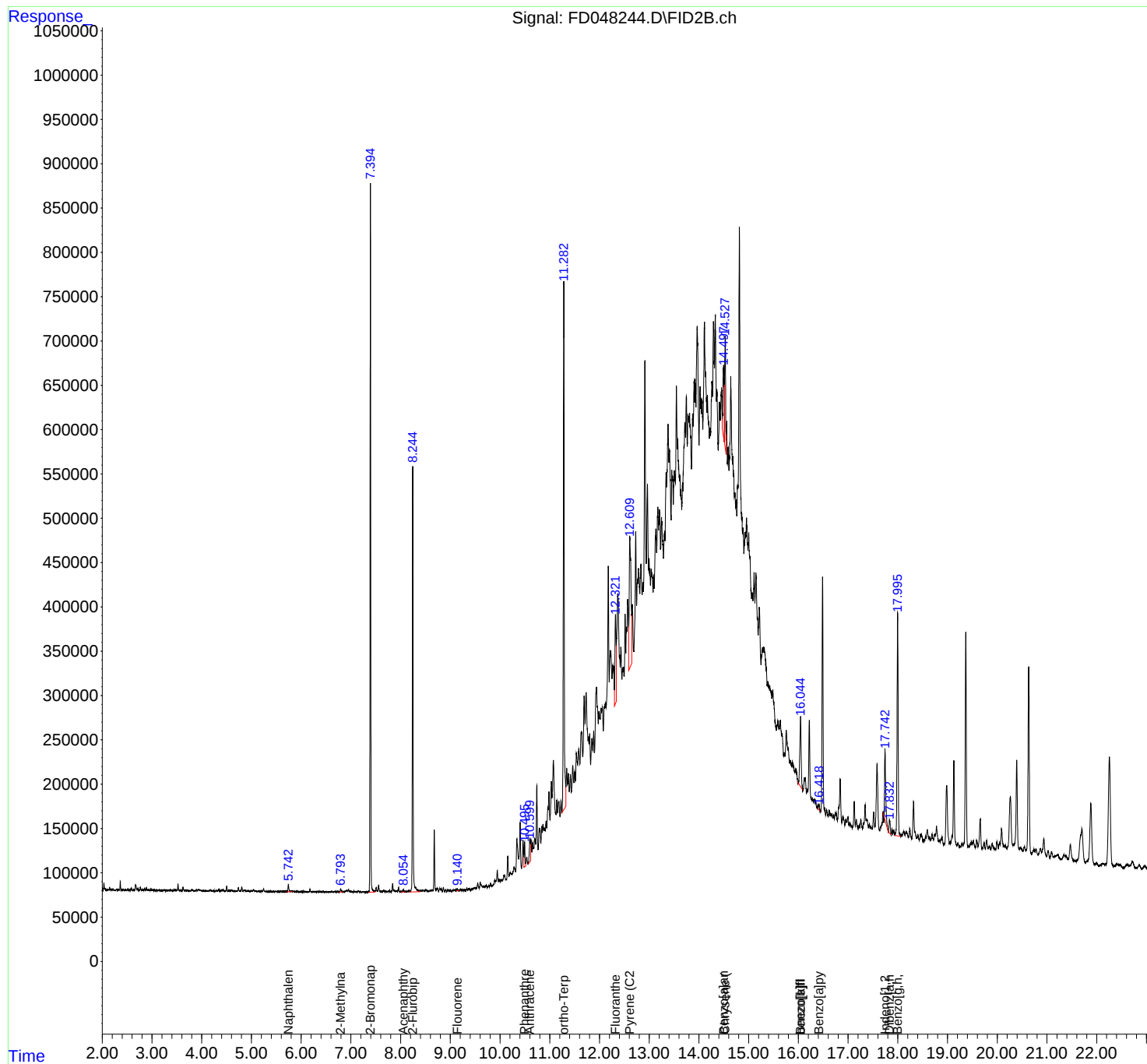
(m)=manual int.

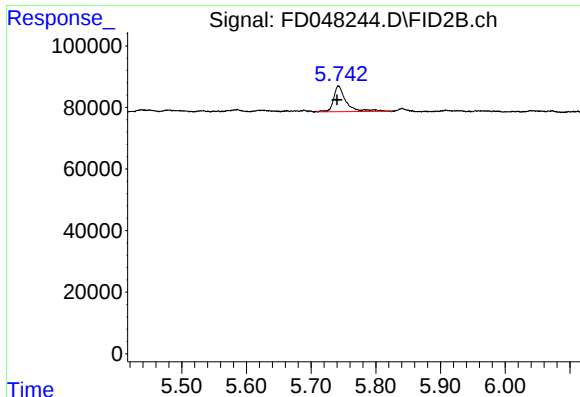
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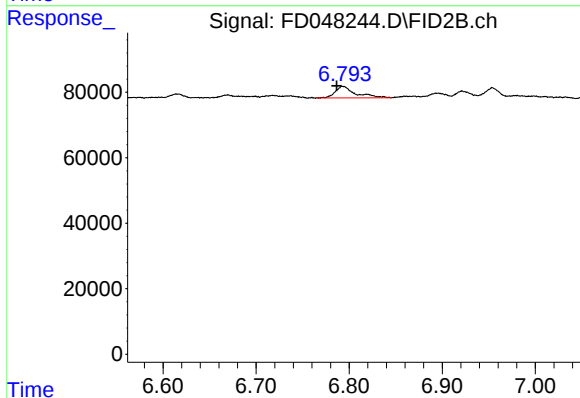




#2 Naphthalene (C11.7)

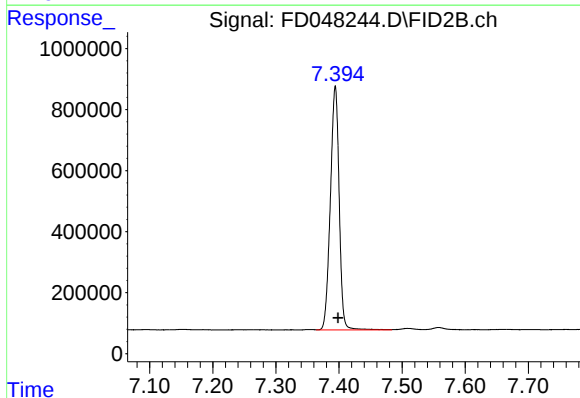
R.T.: 5.743 min
Delta R.T.: 0.002 min
Response: 111361
Conc: 0.64 ug/ml

Instrument :
FID_D
ClientSampleId :



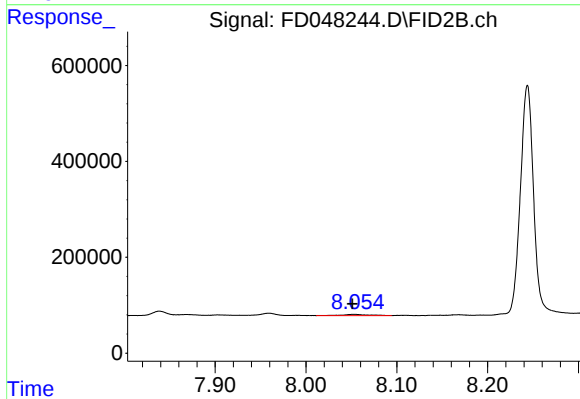
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.794 min
Delta R.T.: 0.007 min
Response: 52781
Conc: 0.30 ug/ml



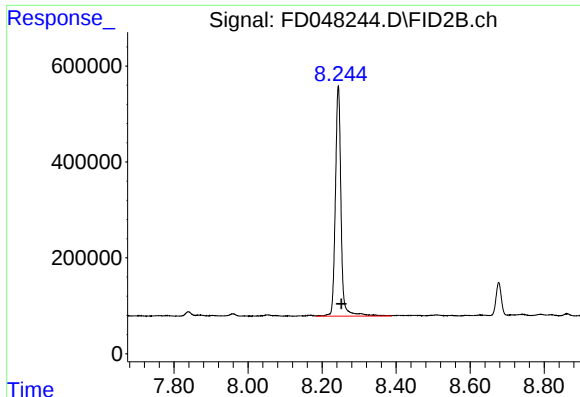
#4 2-Bromonaphthalene (SURR)

R.T.: 7.394 min
Delta R.T.: -0.005 min
Response: 7734543
Conc: 51.82 ug/ml



#5 Acenaphthylene (C15.06)

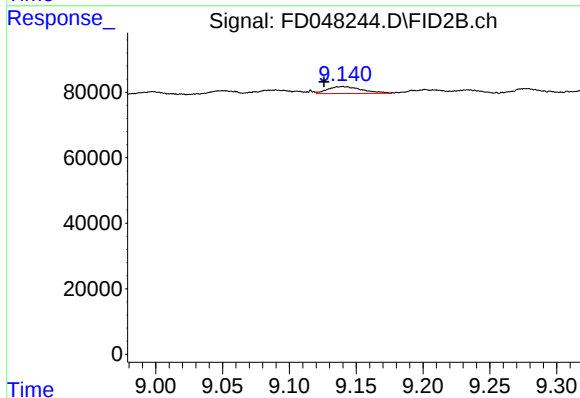
R.T.: 8.053 min
Delta R.T.: 0.002 min
Response: 52971
Conc: 0.31 ug/ml



#6 2-Fluorobiphenyl (SURR)

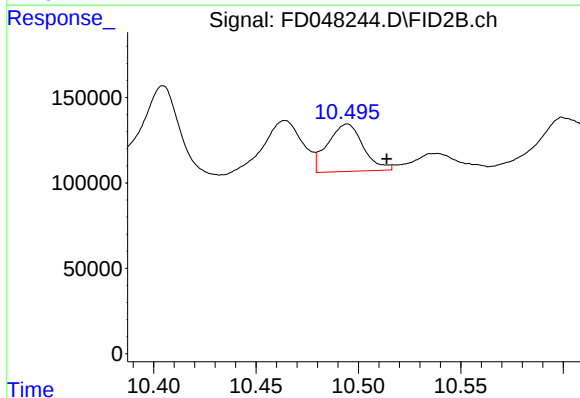
R.T.: 8.244 min
Delta R.T.: -0.009 min
Response: 5109983
Conc: 53.39 ug/ml

Instrument :
FID_D
ClientSampleId :



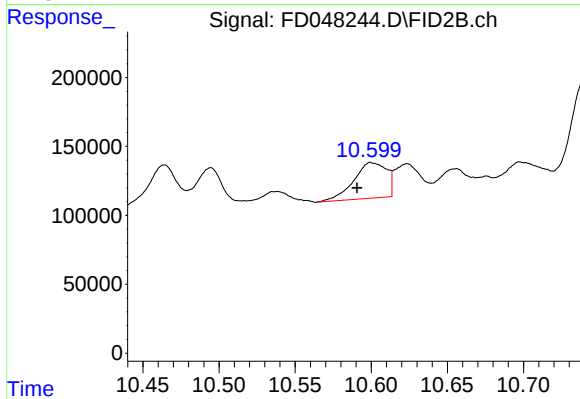
#8 Flouorene (C16.55)

R.T.: 9.140 min
Delta R.T.: 0.014 min
Response: 38175
Conc: 0.23 ug/ml



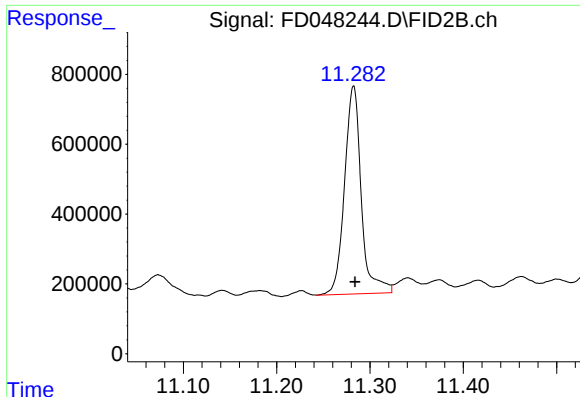
#9 Phenanthrene (C19.36)

R.T.: 10.494 min
Delta R.T.: -0.020 min
Response: 335276
Conc: 2.09 ug/ml



#10 Anthracene (C19.43)

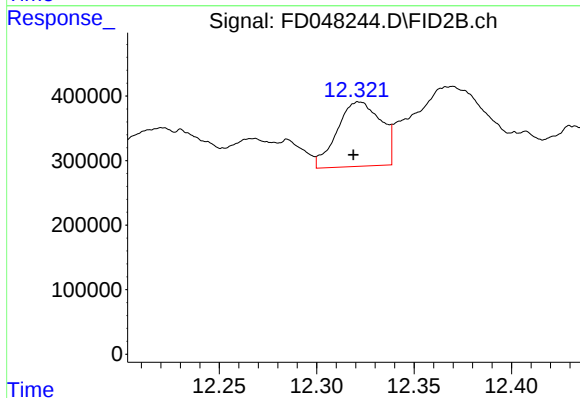
R.T.: 10.601 min
Delta R.T.: 0.011 min
Response: 386917
Conc: 2.47 ug/ml



#11 ortho-Terphenyl (SURR)

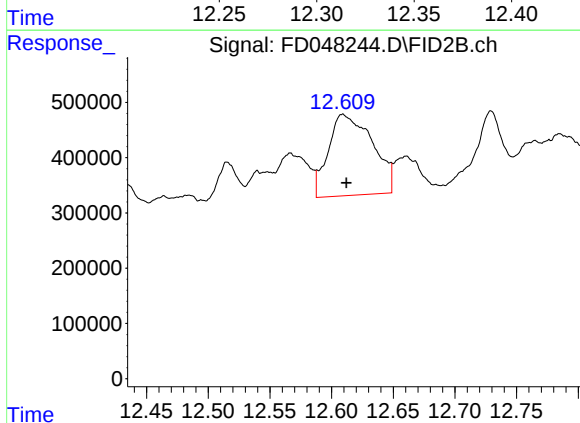
R.T.: 11.282 min
Delta R.T.: -0.002 min
Response: 7421148
Conc: 44.06 ug/ml

Instrument :
FID_D
ClientSampleId :



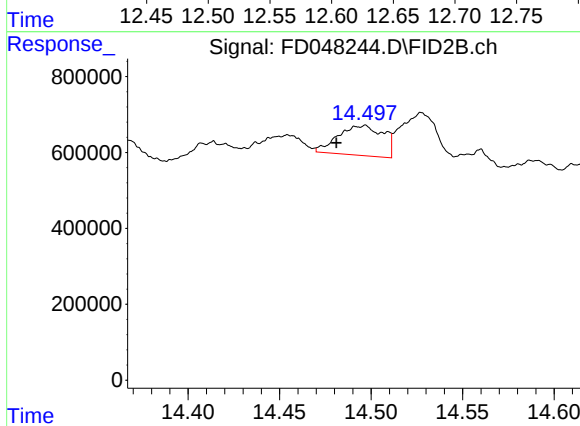
#12 Fluoranthene (C21.85)

R.T.: 12.322 min
Delta R.T.: 0.003 min
Response: 1565891
Conc: 9.84 ug/ml



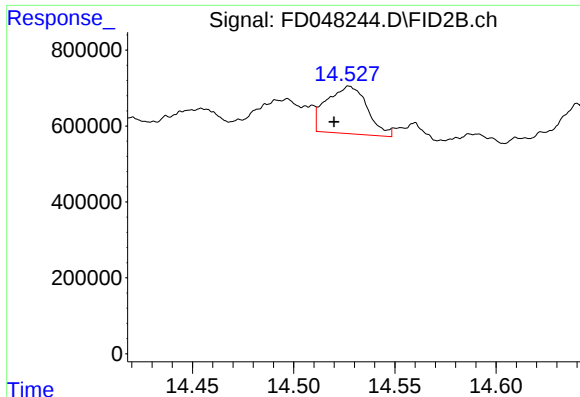
#13 Pyrene (C20.8)

R.T.: 12.610 min
Delta R.T.: -0.002 min
Response: 3657095
Conc: 23.30 ug/ml



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

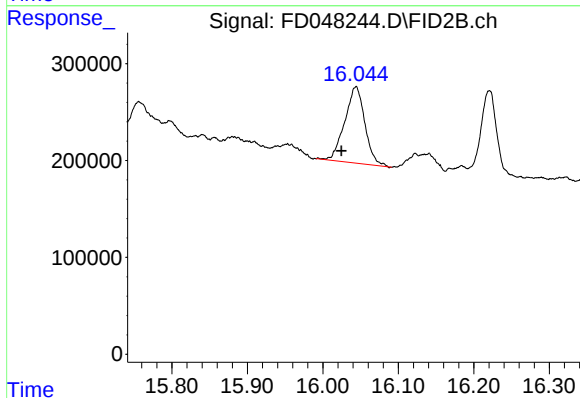
R.T.: 14.495 min
Delta R.T.: 0.014 min
Response: 1354166
Conc: 9.61 ug/ml



#15 Chrysene (C27.41)

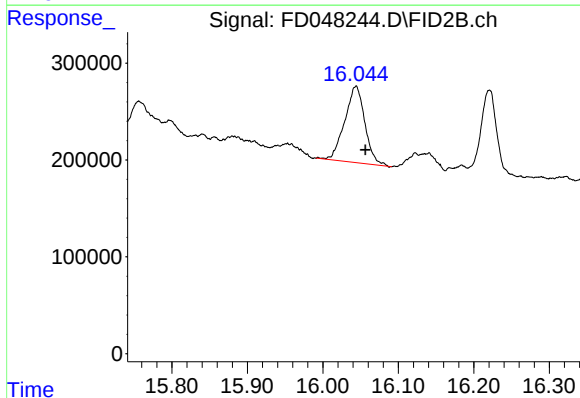
R.T.: 14.528 min
Delta R.T.: 0.007 min
Response: 1748300
Conc: 10.97 ug/ml

Instrument :
FID_D
ClientSampleId :



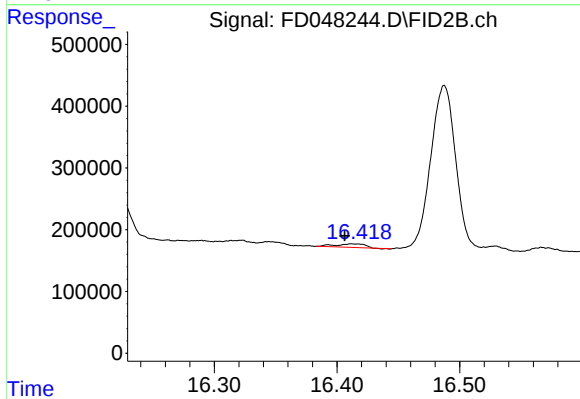
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.044 min
Delta R.T.: 0.019 min
Response: 1457097
Conc: 9.81 ug/ml



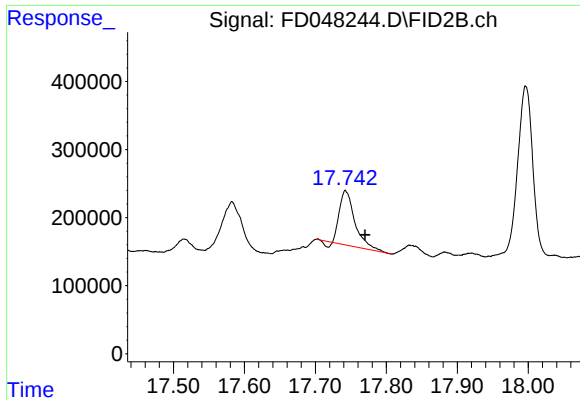
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.044 min
Delta R.T.: -0.012 min
Response: 1457097
Conc: 9.82 ug/ml



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

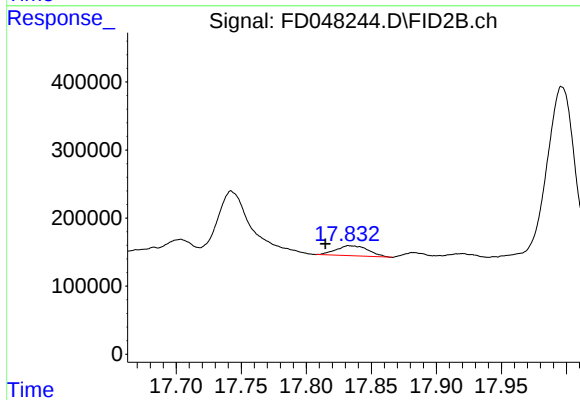
R.T.: 16.414 min
Delta R.T.: 0.007 min
Response: 95833
Conc: 0.65 ug/ml



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

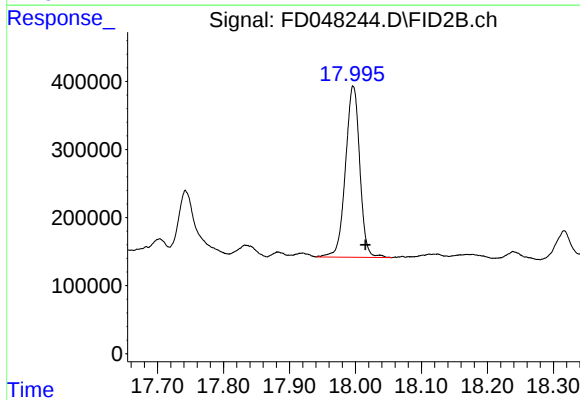
R.T.: 17.743 min
Delta R.T.: -0.027 min
Response: 1186746
Conc: 9.71 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.835 min
Delta R.T.: 0.020 min
Response: 250532
Conc: 1.64 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.018 min
Response: 3796075
Conc: 25.14 ug/ml