

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046203.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 18:19
 Operator : YP/AJ
 Sample : 03580-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 25 05:12:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.508	8615382	57.636 ug/ml
Spiked Amount 50.000		Recovery =	115.27%
6) S 2-Fluorobiphenyl (SURR)	8.363	5574489	59.548 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.10%
11) S ortho-Terphenyl (SURR)	11.411	6380197	36.533 ug/ml
Spiked Amount 50.000		Recovery =	73.07%
Target Compounds			
2) T Naphthalene (C11.7)	5.844	619467	3.430 ug/ml
3) T 2-Methylnaphthalene (...)	6.892	1639655	9.316 ug/ml
5) T Acenaphthylene (C15.06)	8.161	1558253	10.213 ug/ml
7) T Acenaphthene (C15.5)	8.458	1692369	10.379 ug/ml
8) T Fluorene (C16.55)	9.239	5575911	36.645 ug/ml
9) T Phenanthrene (C19.36)	10.649	30261263	210.153 ug/ml
10) T Anthracene (C19.43)	10.710	6581107	50.287 ug/ml
12) T Fluoranthene (C21.85)	12.402	2282780	16.337 ug/ml
13) T Pyrene (C20.8)	12.765	39679495	286.298 ug/ml
14) T Benzo[a]anthracene (C...	14.613	17588432	133.997 ug/ml
15) T Chrysene (C27.41)	14.613	17588432	124.739 ug/ml
16) T benzo[b]fluoranthene ...	16.163	16969206	124.076 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	16969206	123.799 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	12314615	94.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	6576291	54.678 ug/ml
20) T Dibenz[a,h]anthracene...	17.888	6576291	51.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.141	6264190	49.376 ug/ml

(f)=RT Delta > 1/2 Window

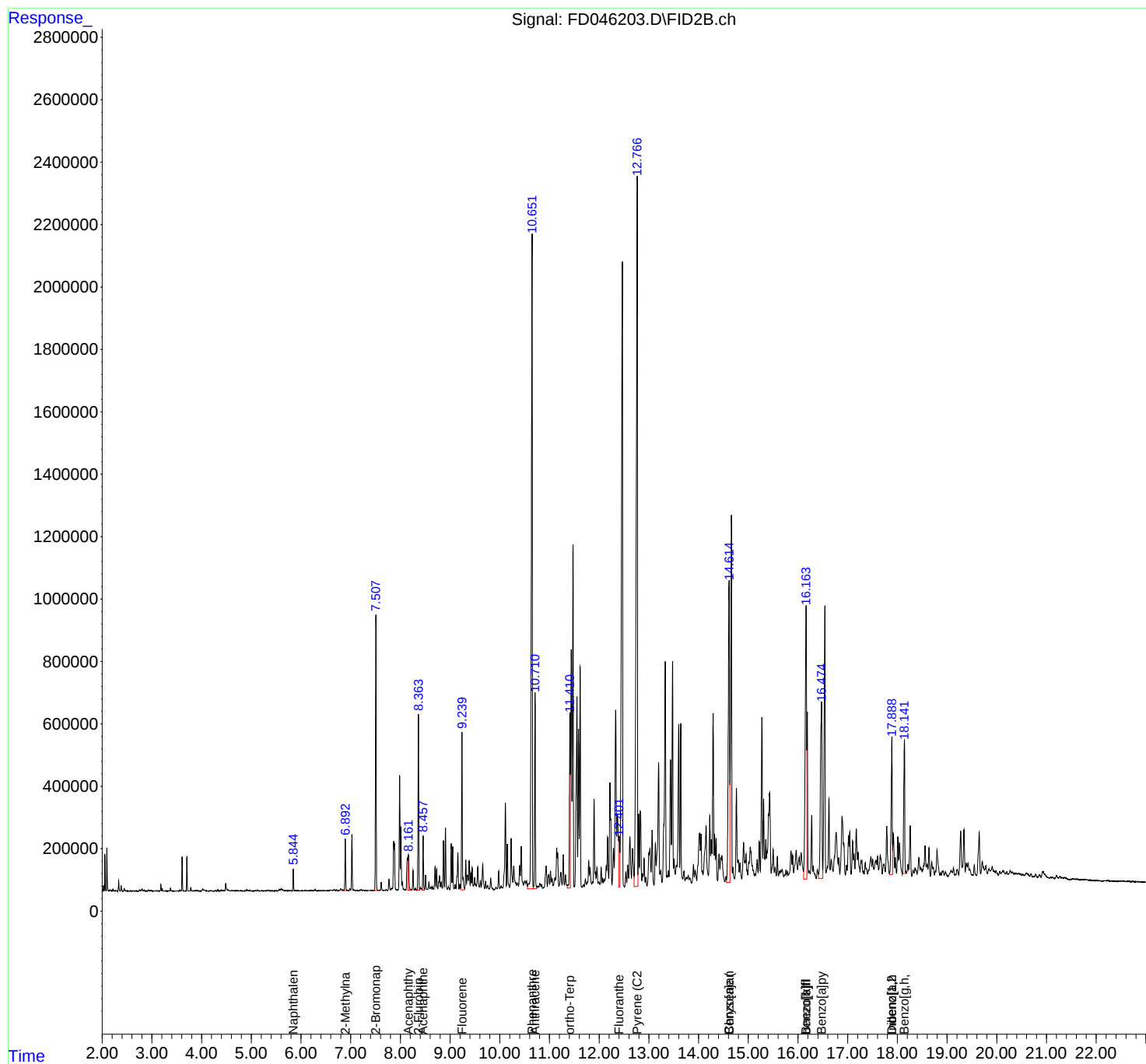
(m)=manual int.

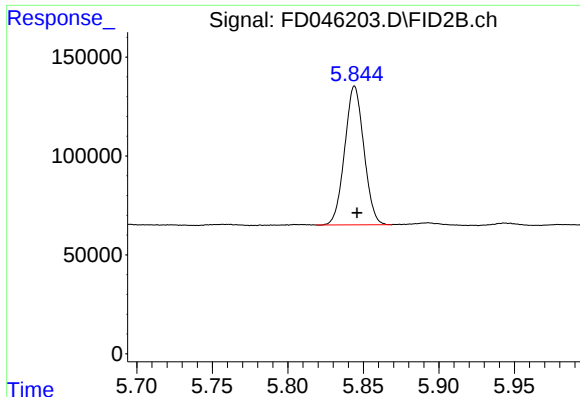
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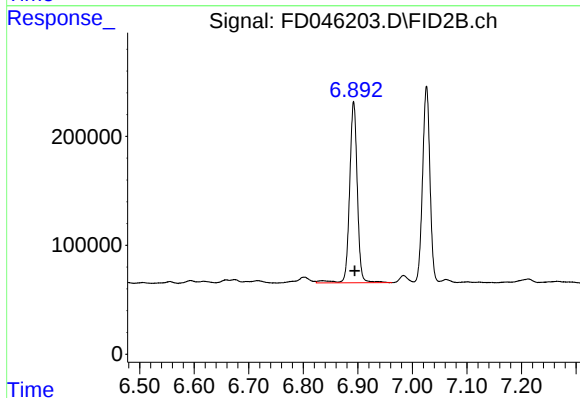




#2 Naphthalene (C11.7)

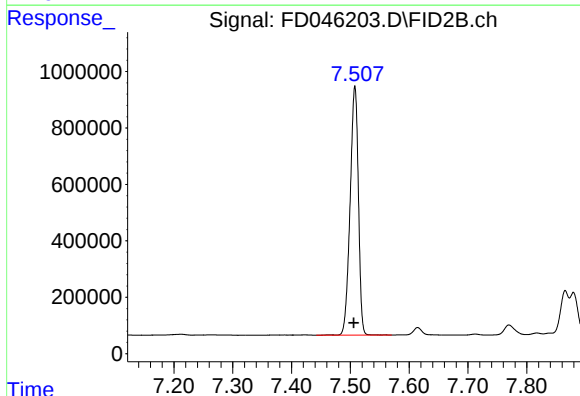
R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 619467
Conc: 3.43 ug/ml

Instrument :
FID_D
ClientSampleId :



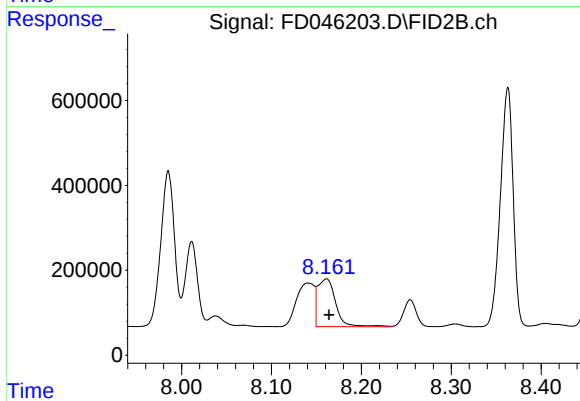
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.892 min
Delta R.T.: -0.002 min
Response: 1639655
Conc: 9.32 ug/ml



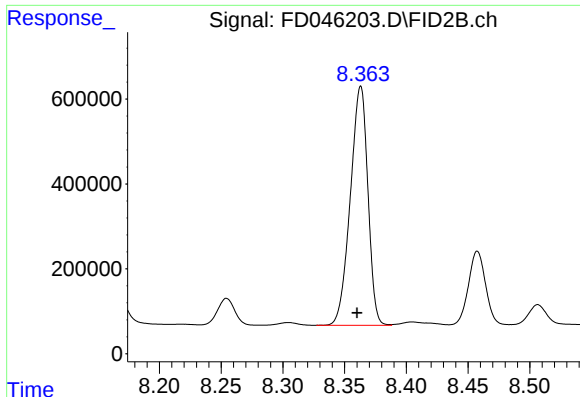
#4 2-Bromonaphthalene (SURR)

R.T.: 7.508 min
Delta R.T.: 0.002 min
Response: 8615382
Conc: 57.64 ug/ml



#5 Acenaphthylene (C15.06)

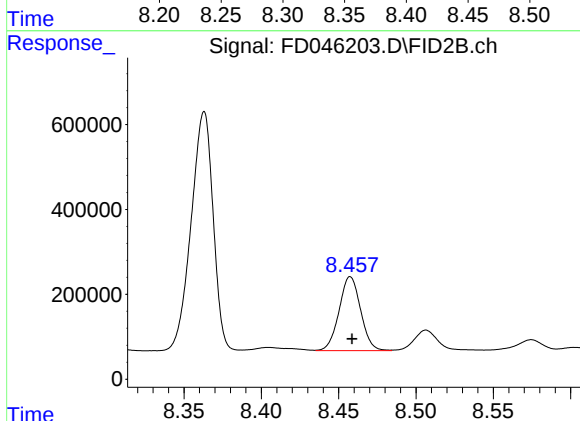
R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 1558253
Conc: 10.21 ug/ml



#6 2-Fluorobiphenyl (SURR)

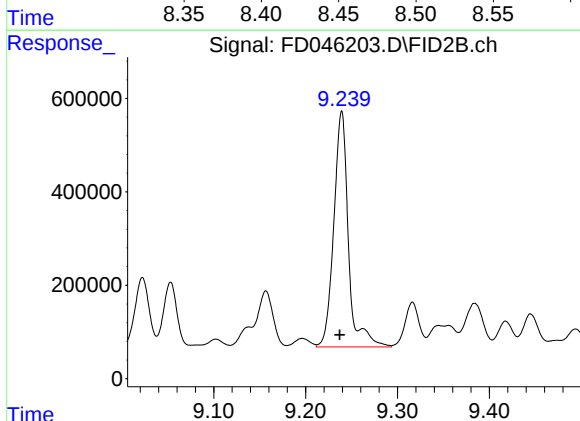
R.T.: 8.363 min
Delta R.T.: 0.003 min
Response: 5574489
Conc: 59.55 ug/ml

Instrument :
FID_D
ClientSampleId :



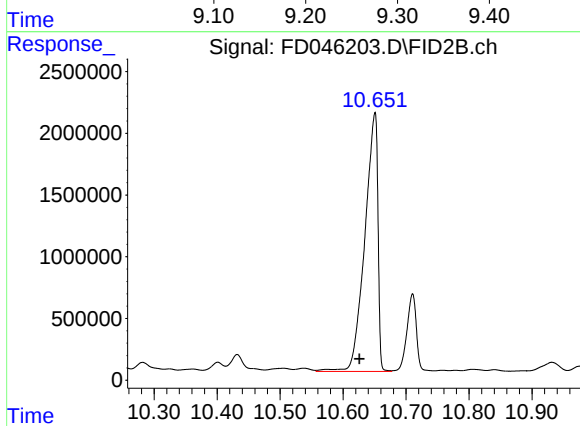
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: -0.001 min
Response: 1692369
Conc: 10.38 ug/ml



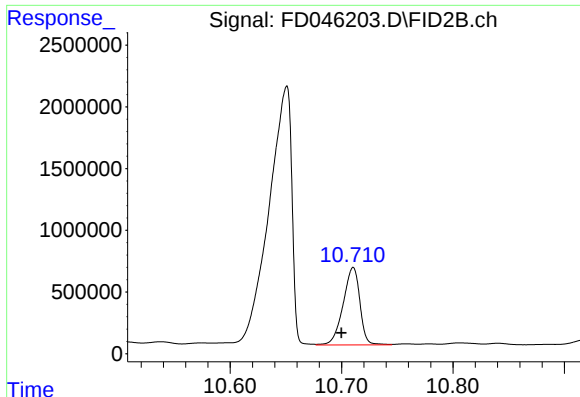
#8 Flouorene (C16.55)

R.T.: 9.239 min
Delta R.T.: 0.002 min
Response: 5575911
Conc: 36.64 ug/ml



#9 Phenanthrene (C19.36)

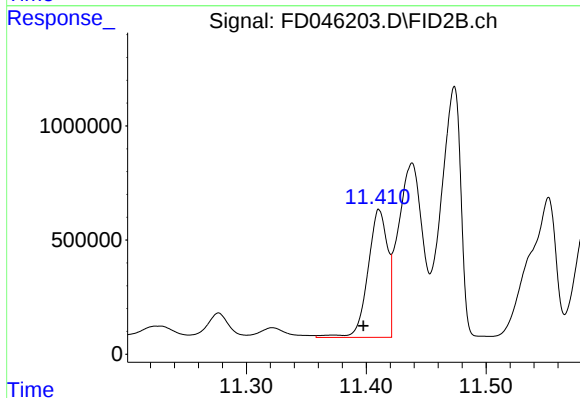
R.T.: 10.649 min
Delta R.T.: 0.024 min
Response: 30261263
Conc: 210.15 ug/ml



#10 Anthracene (C19.43)

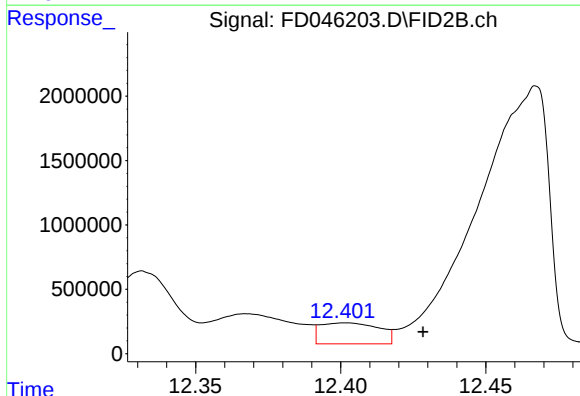
R.T.: 10.710 min
Delta R.T.: 0.010 min
Response: 6581107
Conc: 50.29 ug/ml

Instrument :
FID_D
ClientSampleId :



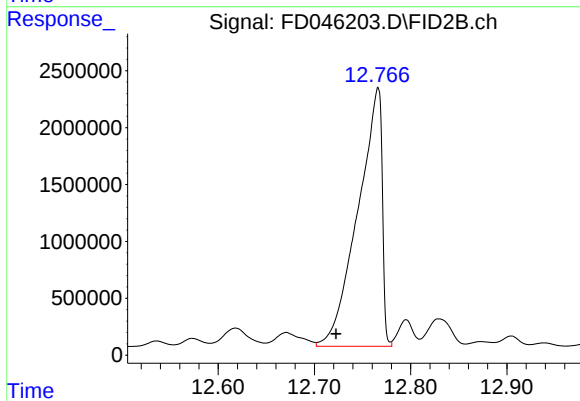
#11 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: 0.013 min
Response: 6380197
Conc: 36.53 ug/ml



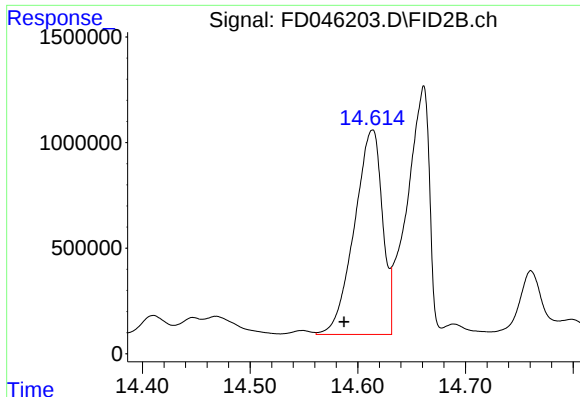
#12 Fluoranthene (C21.85)

R.T.: 12.402 min
Delta R.T.: -0.027 min
Response: 2282780
Conc: 16.34 ug/ml



#13 Pyrene (C20.8)

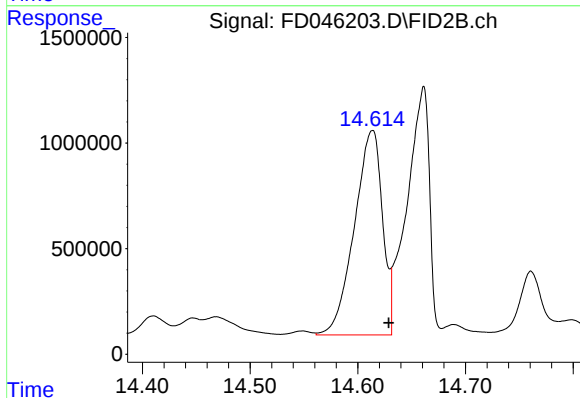
R.T.: 12.765 min
Delta R.T.: 0.042 min
Response: 39679495
Conc: 286.30 ug/ml



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

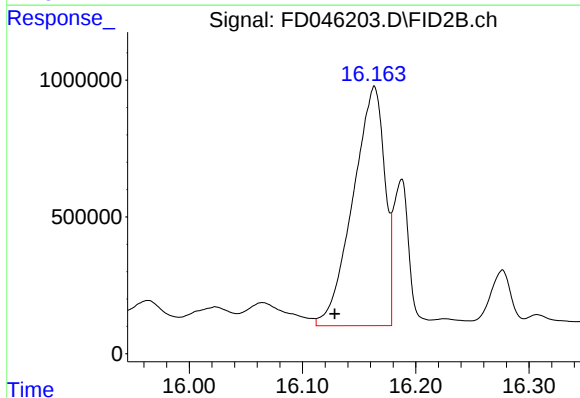
R.T.: 14.613 min
Delta R.T.: 0.026 min
Response: 17588432
Conc: 134.00 ug/ml

Instrument :
FID_D
ClientSampleId :



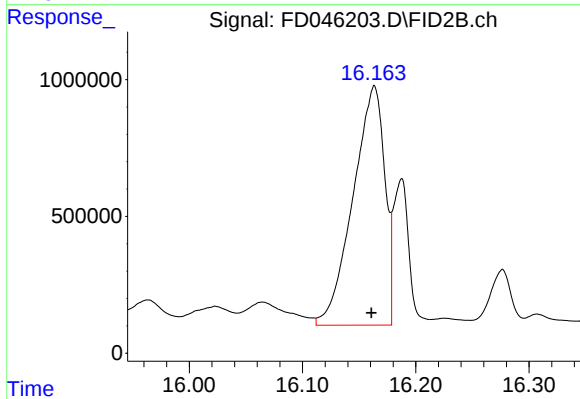
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: -0.016 min
Response: 17588432
Conc: 124.74 ug/ml



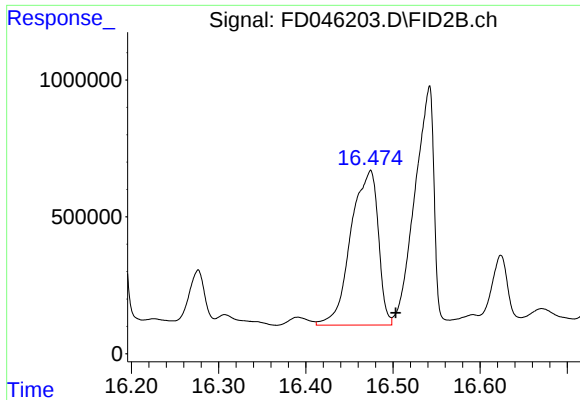
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.163 min
Delta R.T.: 0.034 min
Response: 16969206
Conc: 124.08 ug/ml



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

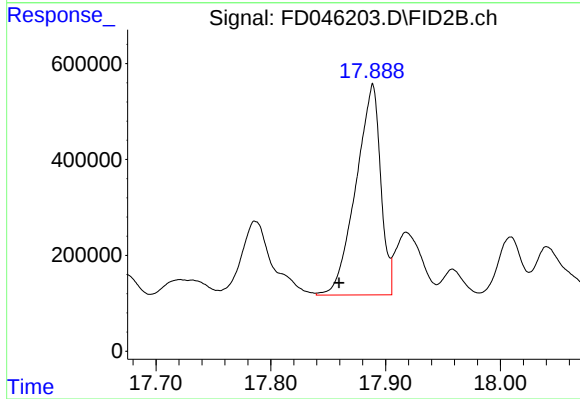
R.T.: 16.163 min
Delta R.T.: 0.002 min
Response: 16969206
Conc: 123.80 ug/ml



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

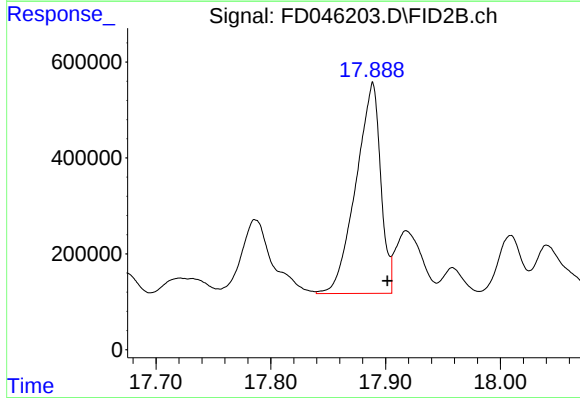
R.T.: 16.474 min
Delta R.T.: -0.030 min
Response: 12314615
Conc: 94.59 ug/ml

Instrument :
FID_D
ClientSampleId :



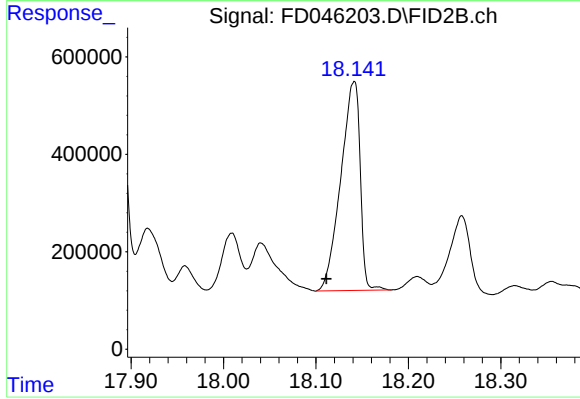
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: 0.029 min
Response: 6576291
Conc: 54.68 ug/ml



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

R.T.: 17.888 min
Delta R.T.: -0.013 min
Response: 6576291
Conc: 51.42 ug/ml



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

R.T.: 18.141 min
Delta R.T.: 0.029 min
Response: 6264190
Conc: 49.38 ug/ml