

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046344.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 10:57
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 13:07:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 13:06:51 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...	7.507	15526206	99.665 ug/ml
Spiked Amount 50.000		Recovery =	199.33%
6) S 2-Fluorobiphenyl (SURR)	8.363	10430036	101.775 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	203.55%#
11) S ortho-Terphenyl (SURR)	11.403	18859072	98.097 ug/ml
Spiked Amount 50.000		Recovery =	196.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	17642201	99.598 ug/ml
2) T Naphthalene (C11.7)	5.847	18311325	99.828 ug/ml
3) T 2-Methylnaphthalene (...)	6.898	18116046	99.056 ug/ml
5) T Acenaphthylene (C15.06)	8.168	16513765	99.396 ug/ml
7) T Acenaphthene (C15.5)	8.466	17675332	99.249 ug/ml
8) T Flouorene (C16.55)	9.244	17188990	100.212 ug/ml
9) T Phenanthrene (C19.36)	10.633	16753641	98.642 ug/ml
10) T Anthracene (C19.43)	10.709	14971626	99.826 ug/ml
12) T Fluoranthene (C21.85)	12.440	16248423	98.650 ug/ml
13) T Pyrene (C20.8)	12.736	15891446	98.817 ug/ml
14) T Benzo[a]anthracene (C...	14.599	14265223	99.475 ug/ml
15) T Chrysene (C27.41)	14.648	14564319	98.428 ug/ml
16) T benzo[b]fluoranthene ...	16.144	13629875	99.657 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	13629875	102.153 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	12664440	98.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	12795301	102.202 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	12795301	100.858 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	12633666	99.270 ug/ml

(f)=RT Delta > 1/2 Window

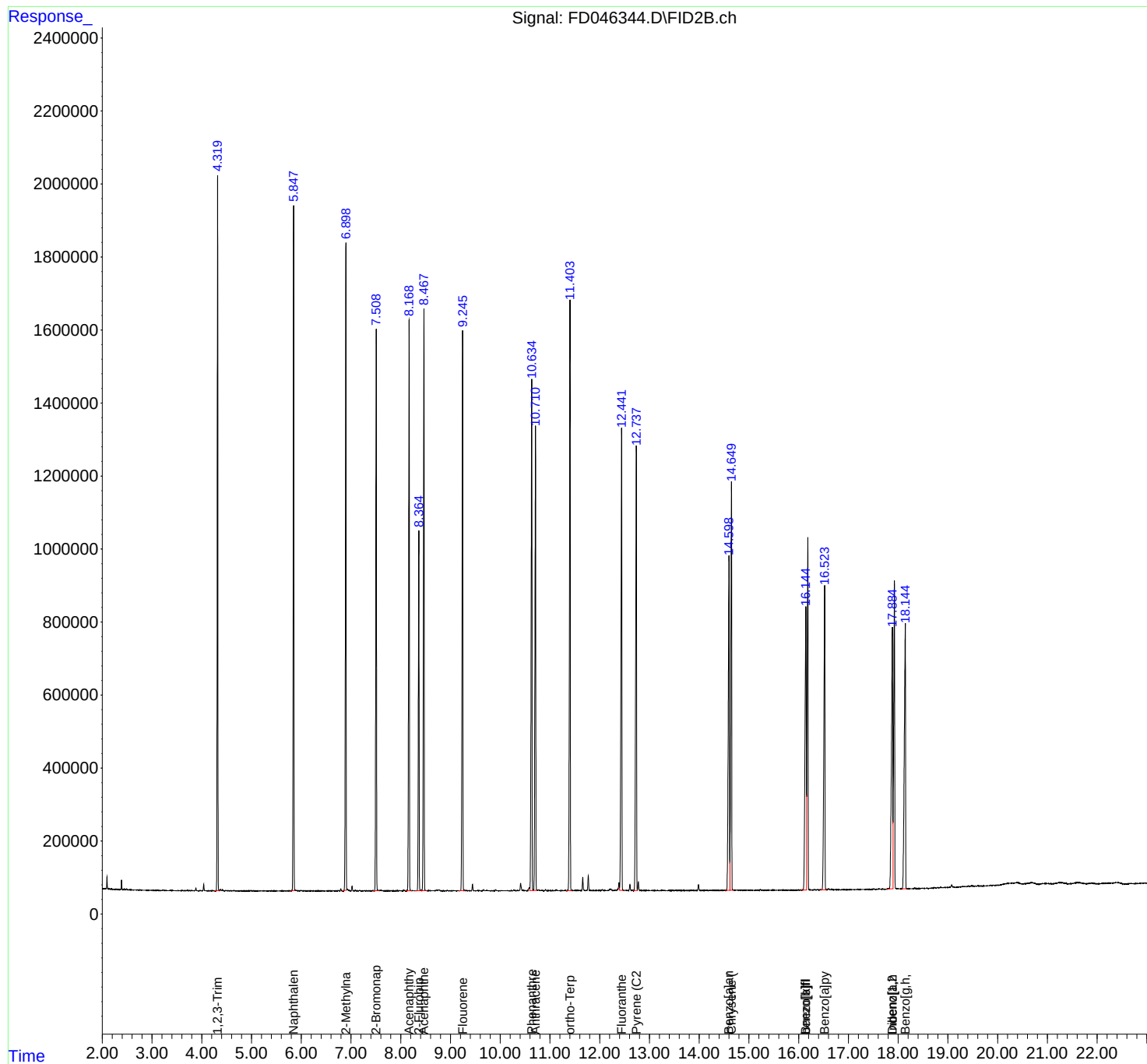
(m)=manual int.

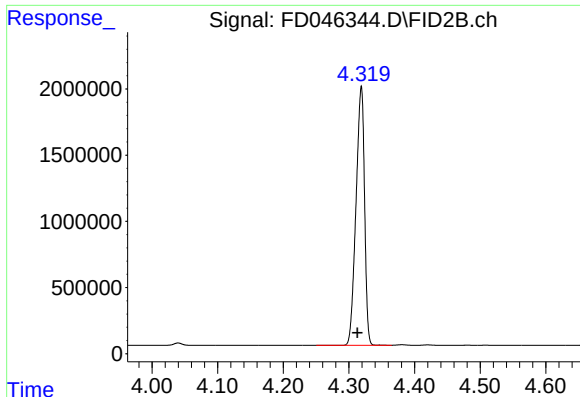
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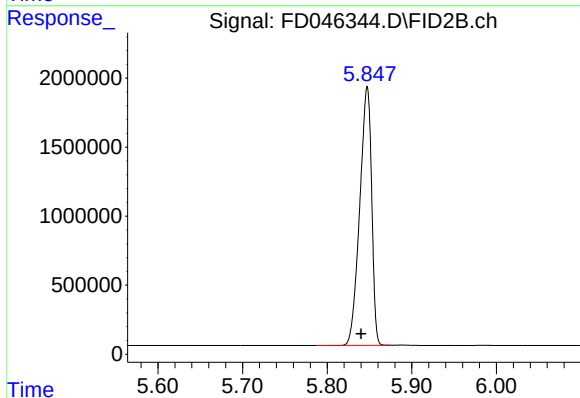




#1 1,2,3-Trimethylbenzene (C10.1)

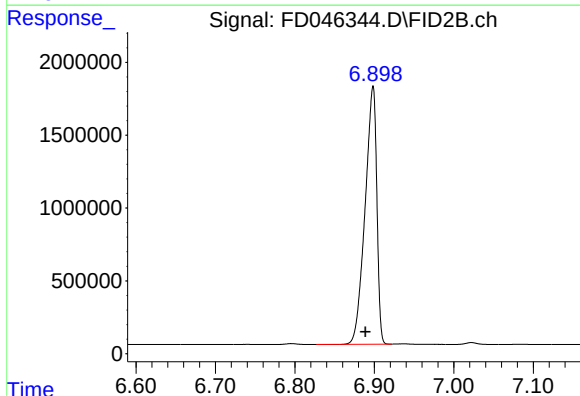
R.T.: 4.318 min
Delta R.T.: 0.005 min
Response: 17642201
Conc: 99.60 ug/ml

Instrument :
FID_D
ClientSampleId :



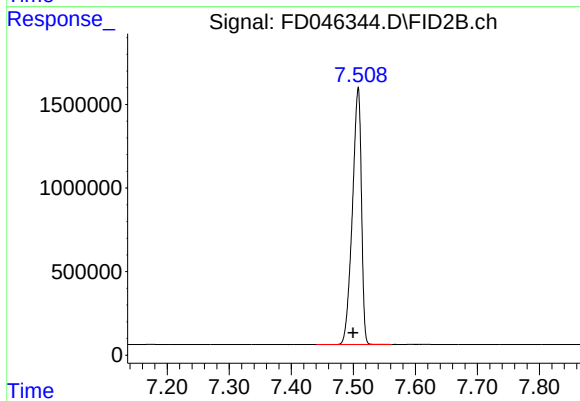
#2 Naphthalene (C11.7)

R.T.: 5.847 min
Delta R.T.: 0.007 min
Response: 18311325
Conc: 99.83 ug/ml



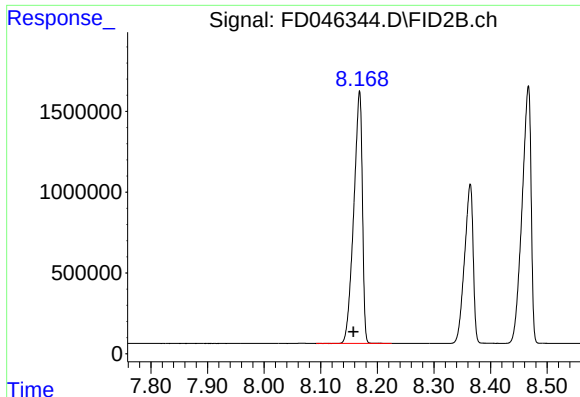
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.898 min
Delta R.T.: 0.009 min
Response: 18116046
Conc: 99.06 ug/ml



#4 2-Bromonaphthalene (SURR)

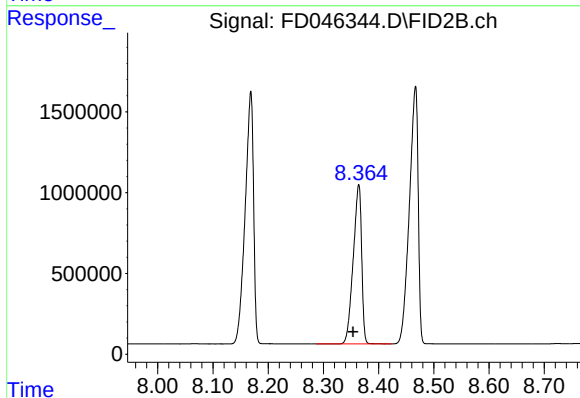
R.T.: 7.507 min
Delta R.T.: 0.008 min
Response: 15526206
Conc: 99.67 ug/ml



#5 Acenaphthylene (C15.06)

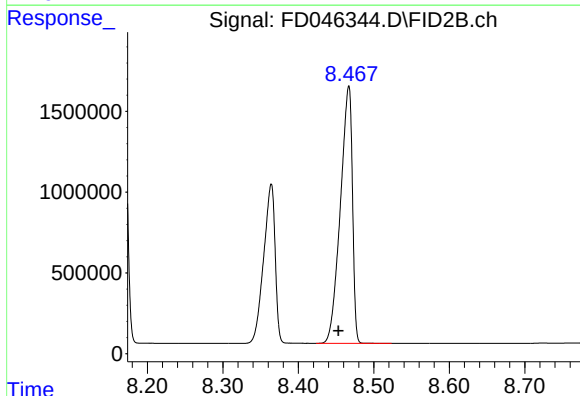
R.T.: 8.168 min
Delta R.T.: 0.010 min
Response: 16513765
Conc: 99.40 ug/ml

Instrument :
FID_D
ClientSampleId :



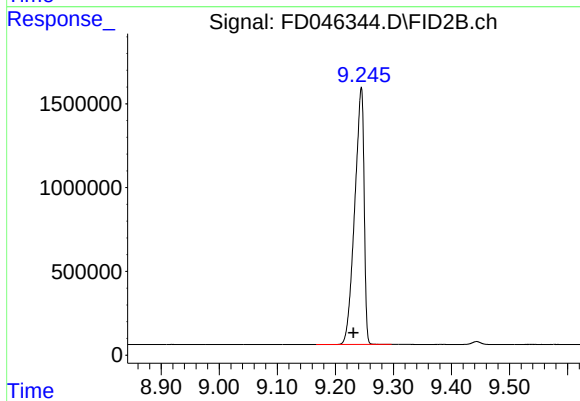
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.363 min
Delta R.T.: 0.009 min
Response: 10430036
Conc: 101.77 ug/ml



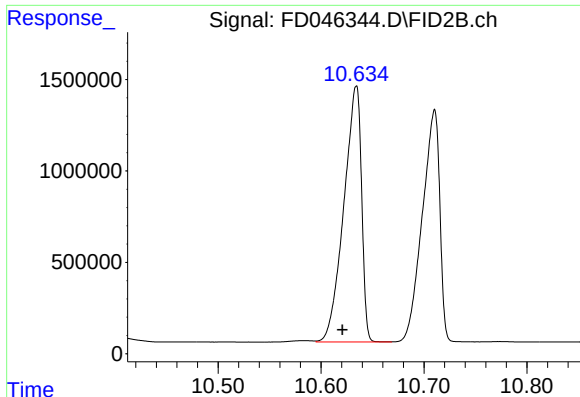
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: 0.013 min
Response: 17675332
Conc: 99.25 ug/ml



#8 Flouorene (C16.55)

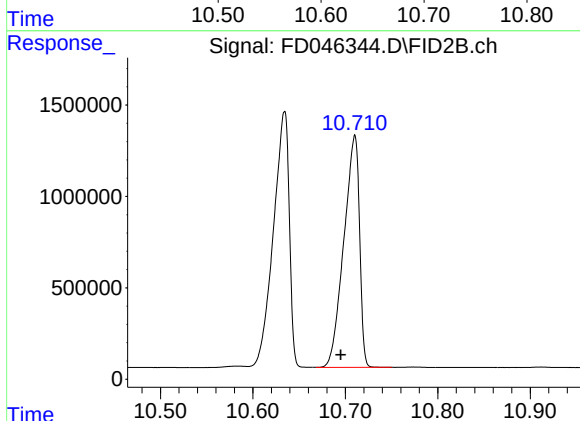
R.T.: 9.244 min
Delta R.T.: 0.012 min
Response: 17188990
Conc: 100.21 ug/ml



#9 Phenanthrene (C19.36)

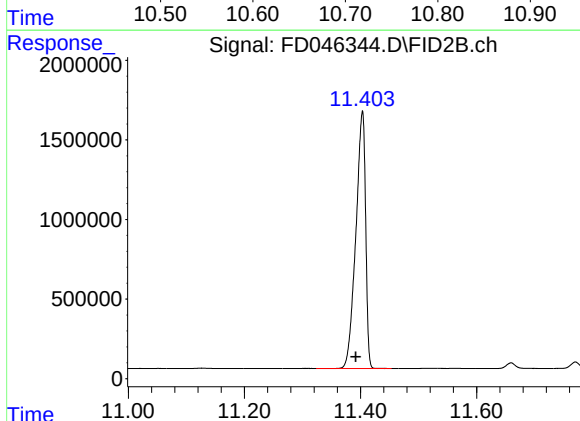
R.T.: 10.633 min
Delta R.T.: 0.012 min
Response: 16753641
Conc: 98.64 ug/ml

Instrument :
FID_D
ClientSampleId :



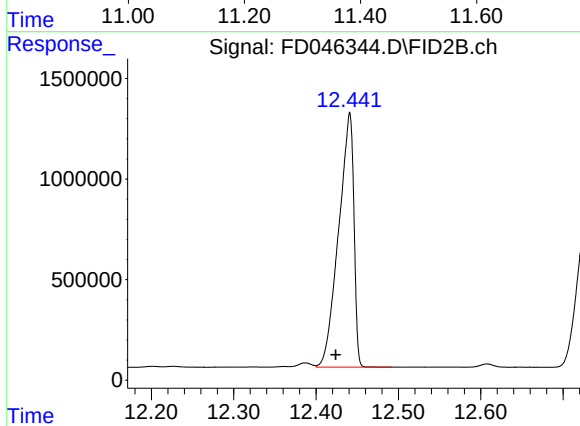
#10 Anthracene (C19.43)

R.T.: 10.709 min
Delta R.T.: 0.014 min
Response: 14971626
Conc: 99.83 ug/ml



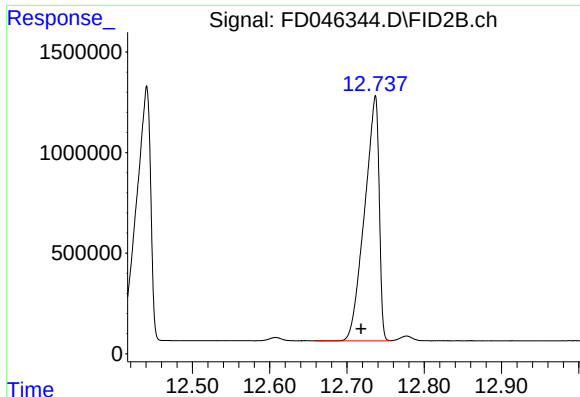
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: 0.011 min
Response: 18859072
Conc: 98.10 ug/ml



#12 Fluoranthene (C21.85)

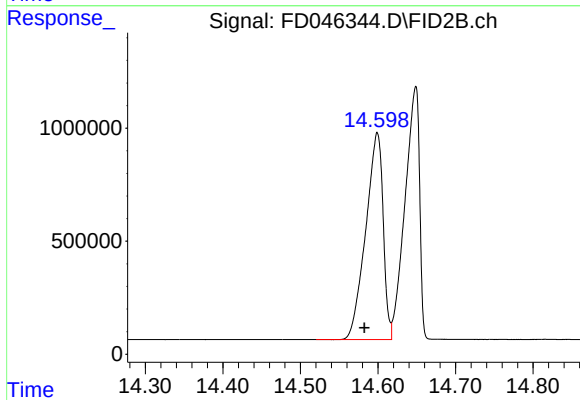
R.T.: 12.440 min
Delta R.T.: 0.016 min
Response: 16248423
Conc: 98.65 ug/ml



#13 Pyrene (C20.8)

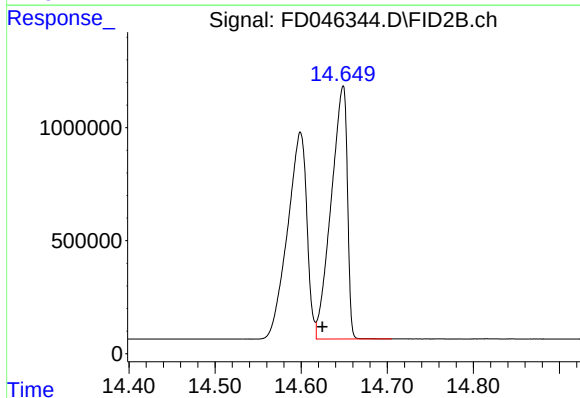
R.T.: 12.736 min
Delta R.T.: 0.017 min
Response: 15891446
Conc: 98.82 ug/ml

Instrument :
FID_D
ClientSampleId :



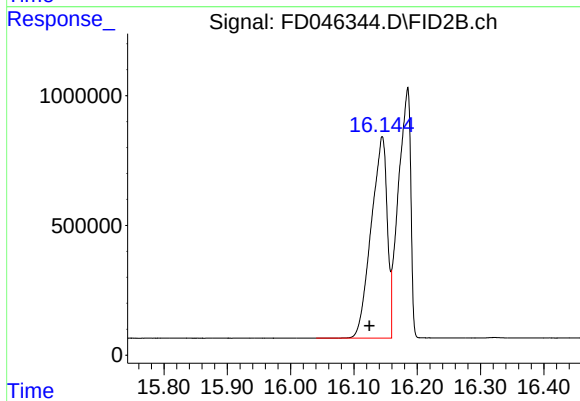
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.599 min
Delta R.T.: 0.017 min
Response: 14265223
Conc: 99.47 ug/ml



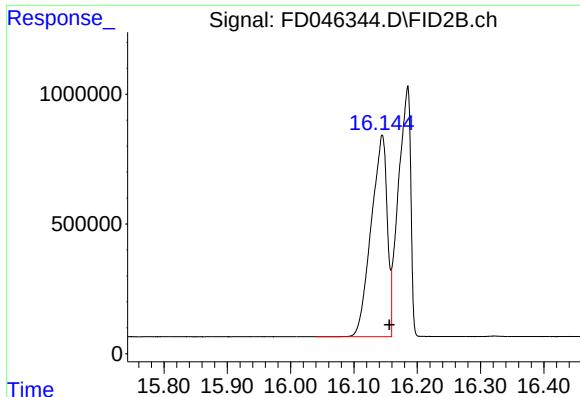
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: 0.023 min
Response: 14564319
Conc: 98.43 ug/ml



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

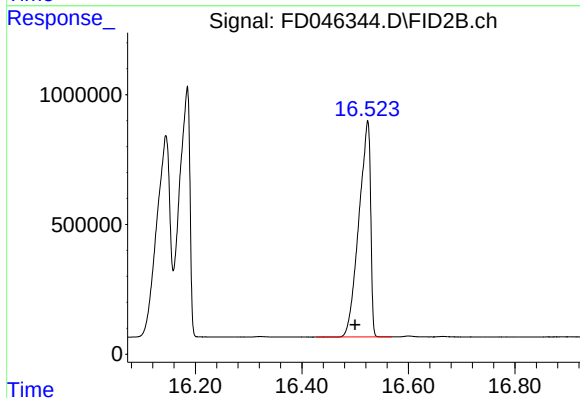
R.T.: 16.144 min
Delta R.T.: 0.020 min
Response: 13629875
Conc: 99.66 ug/ml



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

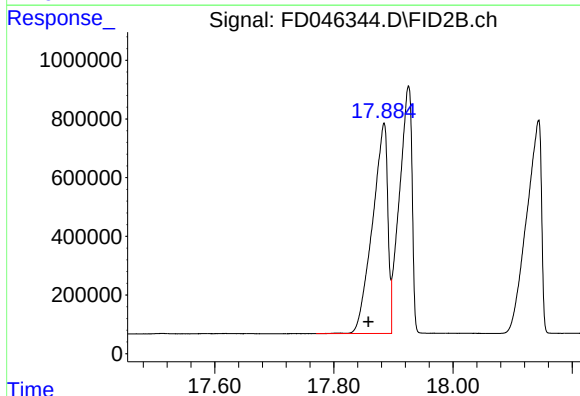
R.T.: 16.144 min
Delta R.T.: -0.012 min
Response: 13629875
Conc: 102.15 ug/ml

Instrument :
FID_D
ClientSampleId :



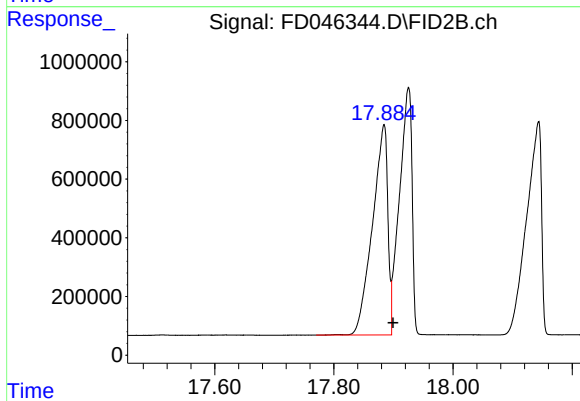
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: 0.023 min
Response: 12664440
Conc: 98.87 ug/ml



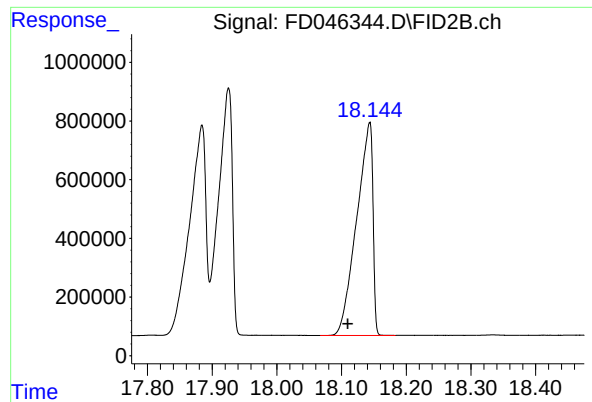
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.026 min
Response: 12795301
Conc: 102.20 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.016 min
Response: 12795301
Conc: 100.86 ug/ml



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

R.T.: 18.142 min
Delta R.T.: 0.033 min
Response: 12633666
Conc: 99.27 ug/ml

Instrument :

FID_D

ClientSampleId :