

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044805.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jan 2023 11:32
 Operator : YP/AJ
 Sample : PB150234BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150234BS

Integration File: autoint1.e
 Quant Time: Jan 17 01:27:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.664	8353561	57.929 ug/ml
Spiked Amount 50.000		Recovery =	115.86%
6) S 2-Fluorobiphenyl (SURR)	8.521	5276877	54.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.72%
11) S ortho-Terphenyl (SURR)	11.550	8520942	47.294 ug/ml
Spiked Amount 50.000		Recovery =	94.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	6283973	39.056 ug/ml
2) T Naphthalene (C11.7)	6.010	6295476	37.508 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	6592734	39.210 ug/ml
5) T Acenaphthylene (C15.06)	8.325	6606540	43.558 ug/ml
7) T Acenaphthene (C15.5)	8.620	7203084	44.433 ug/ml
8) T Flouorene (C16.55)	9.397	6884058	43.193 ug/ml
9) T Phenanthrene (C19.36)	10.785	6815185	43.427 ug/ml
10) T Anthracene (C19.43)	10.860	6592721	52.427 ug/ml
12) T Fluoranthene (C21.85)	12.586	6807953	43.353 ug/ml
13) T Pyrene (C20.8)	12.882	6997118	45.708 ug/ml
14) T Benzo[a]anthracene (C...	14.742	6466094	45.475 ug/ml
15) T Chrysene (C27.41)	14.786	7643964	50.409 ug/ml
16) T benzo[b]fluoranthene ...	16.283	6298567	41.880 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	6019675	39.733 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	5755226	39.668 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	5588148	39.516 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	5472503	37.332 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	5718906	40.257 ug/ml

(f)=RT Delta > 1/2 Window

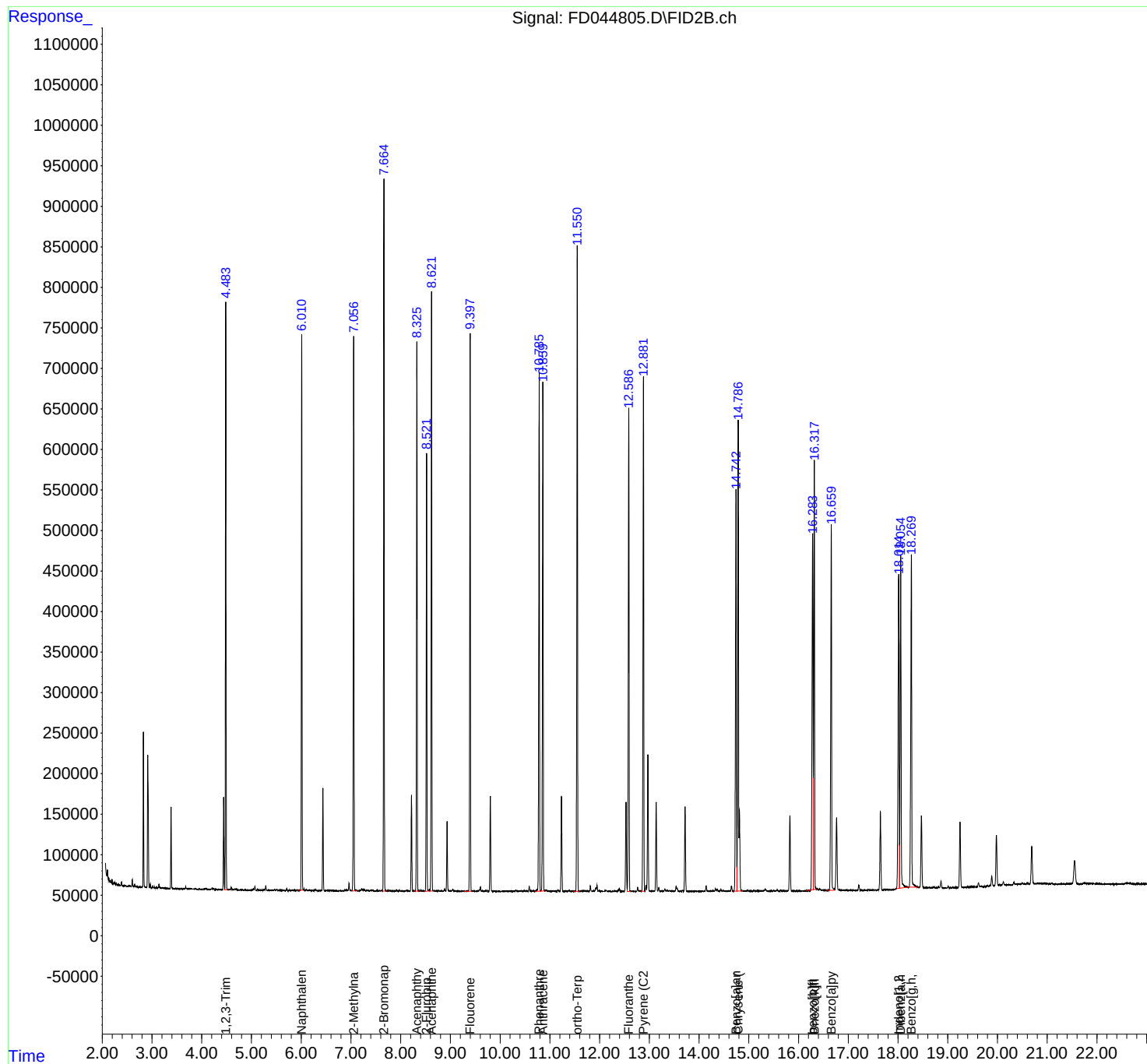
(m)=manual int.

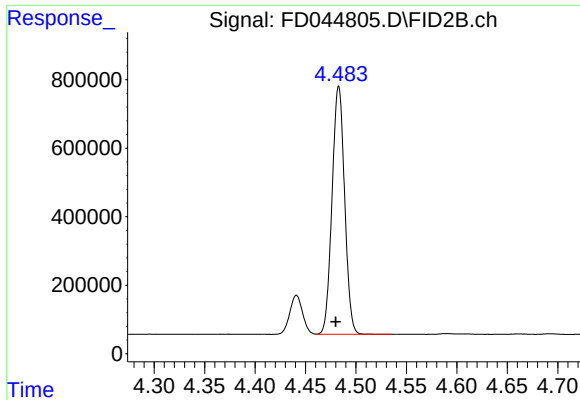
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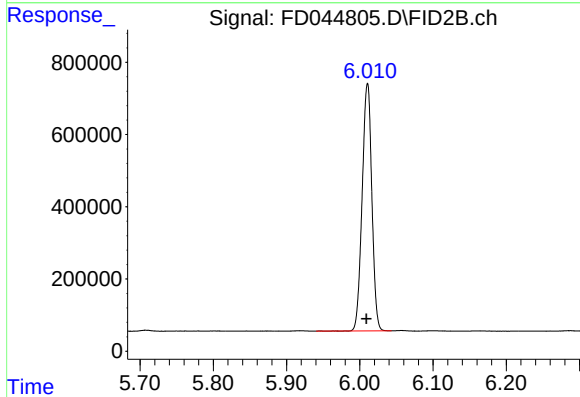




#1 1,2,3-Trimethylbenzene (C10.1)

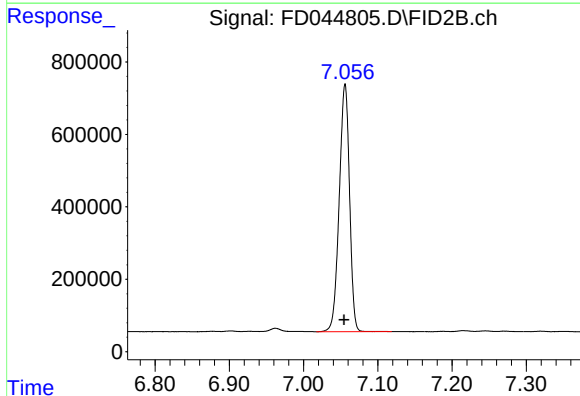
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 6283973
Conc: 39.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150234BS



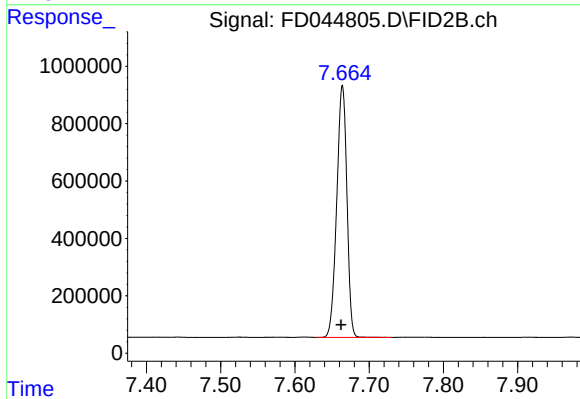
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.001 min
Response: 6295476
Conc: 37.51 ug/ml



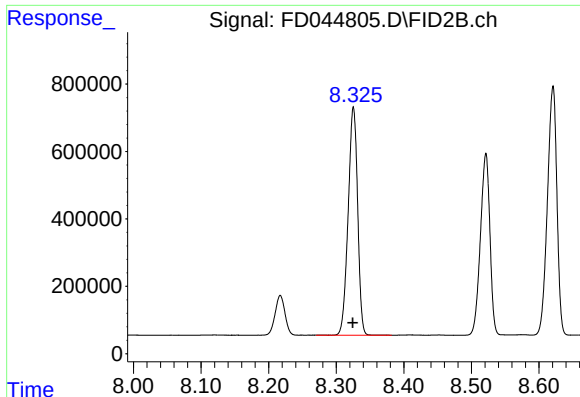
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 6592734
Conc: 39.21 ug/ml



#4 2-Bromonaphthalene (SURR)

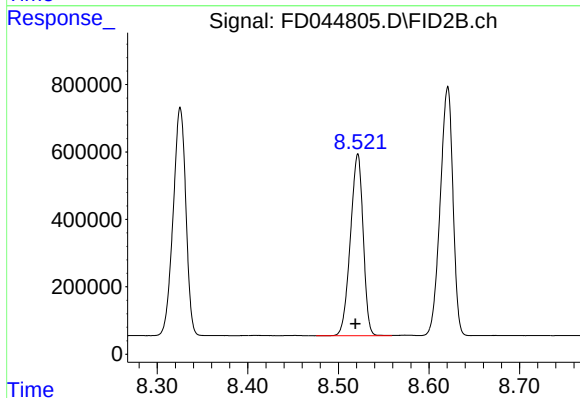
R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 8353561
Conc: 57.93 ug/ml



#5 Acenaphthylene (C15.06)

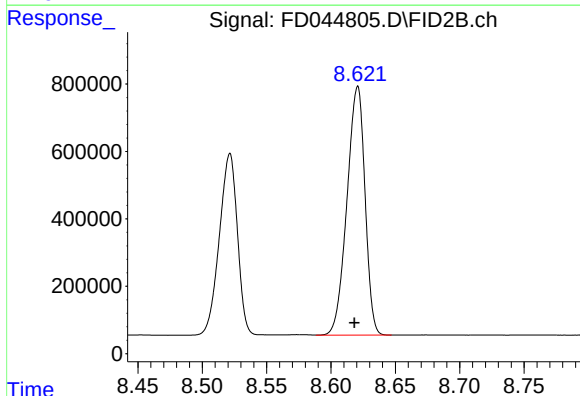
R.T.: 8.325 min
Delta R.T.: 0.001 min
Response: 6606540
Conc: 43.56 ug/ml

Instrument :
FID_D
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PB150234BS



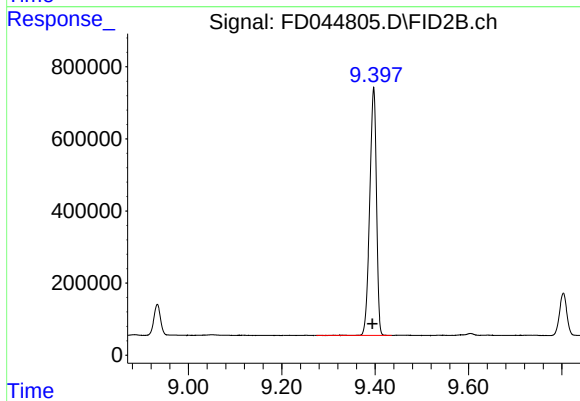
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.521 min
Delta R.T.: 0.002 min
Response: 5276877
Conc: 54.36 ug/ml



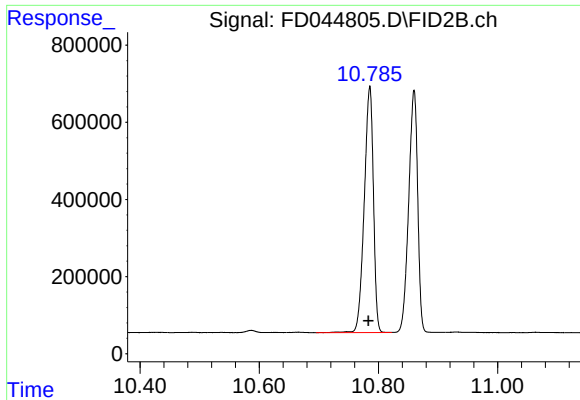
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: 0.002 min
Response: 7203084
Conc: 44.43 ug/ml



#8 Flouorene (C16.55)

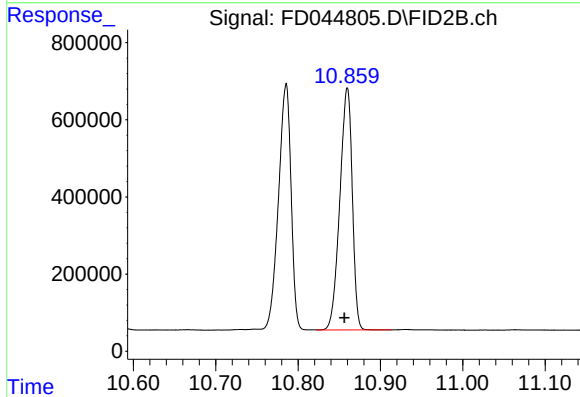
R.T.: 9.397 min
Delta R.T.: 0.003 min
Response: 6884058
Conc: 43.19 ug/ml



#9 Phenanthrene (C19.36)

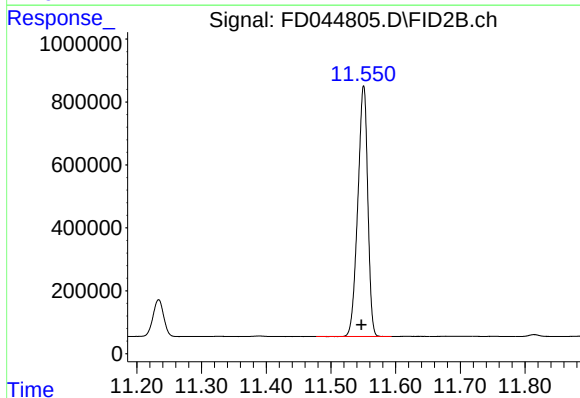
R.T.: 10.785 min
Delta R.T.: 0.002 min
Response: 6815185
Conc: 43.43 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150234BS



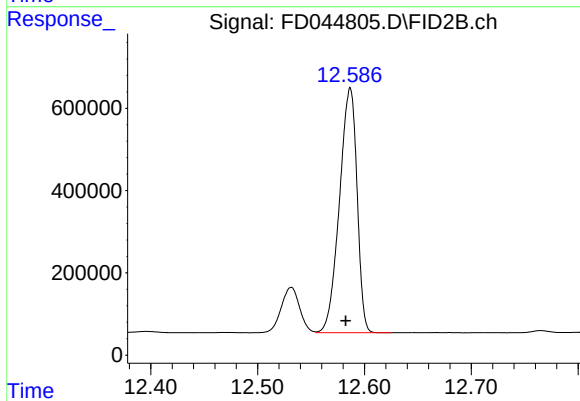
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: 0.003 min
Response: 6592721
Conc: 52.43 ug/ml



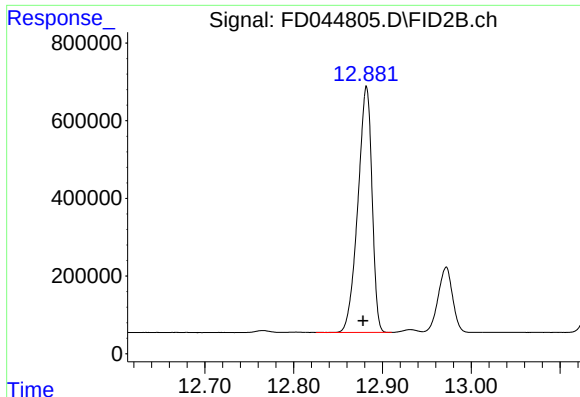
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.003 min
Response: 8520942
Conc: 47.29 ug/ml



#12 Fluoranthene (C21.85)

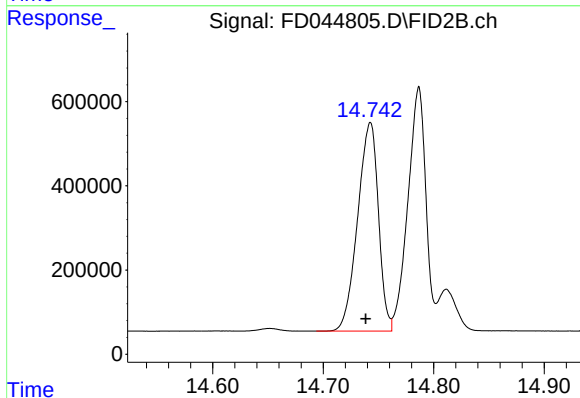
R.T.: 12.586 min
Delta R.T.: 0.004 min
Response: 6807953
Conc: 43.35 ug/ml



#13 Pyrene (C20.8)

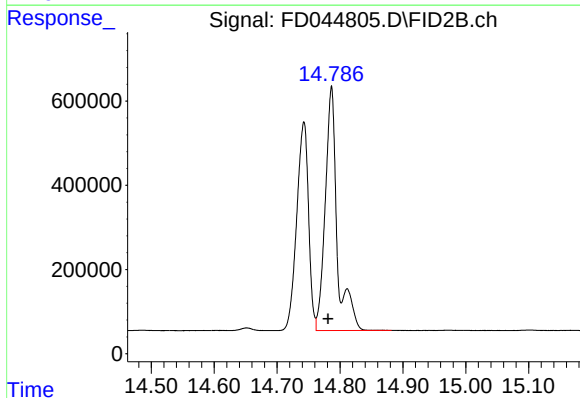
R.T.: 12.882 min
Delta R.T.: 0.003 min
Response: 6997118
Conc: 45.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150234BS



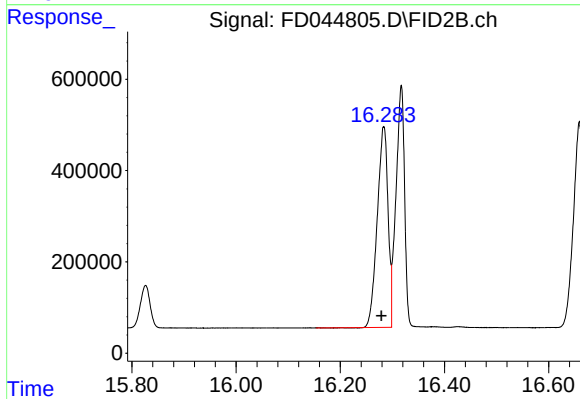
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.004 min
Response: 6466094
Conc: 45.48 ug/ml



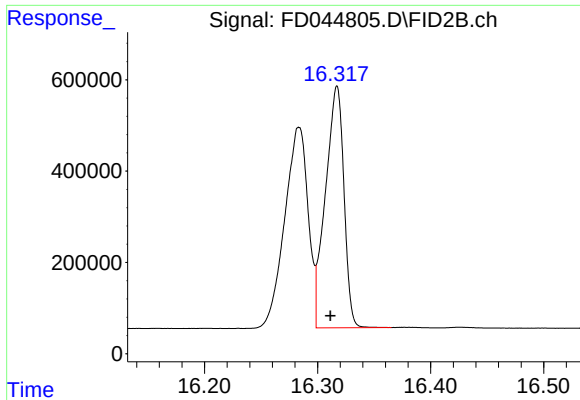
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: 0.005 min
Response: 7643964
Conc: 50.41 ug/ml



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

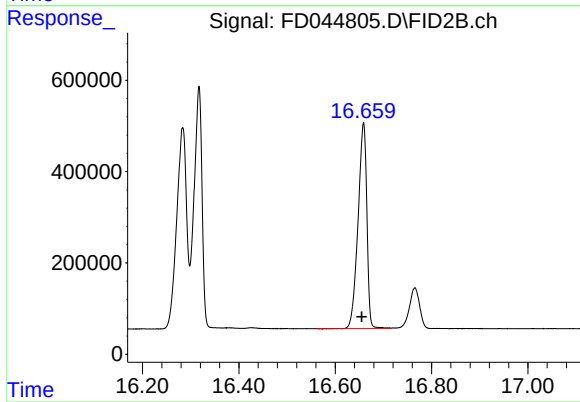
R.T.: 16.283 min
Delta R.T.: 0.004 min
Response: 6298567
Conc: 41.88 ug/ml



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

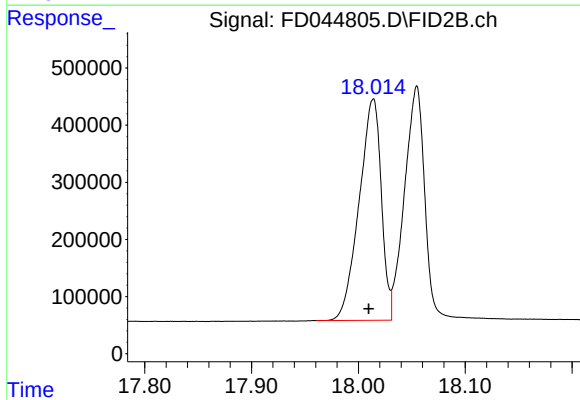
R.T.: 16.317 min
Delta R.T.: 0.005 min
Response: 6019675
Conc: 39.73 ug/ml

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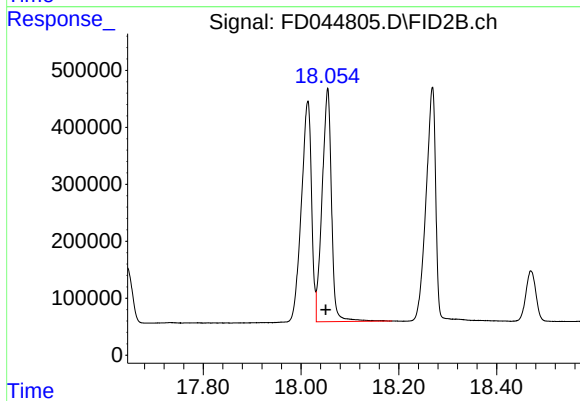
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: 0.004 min
Response: 5755226
Conc: 39.67 ug/ml



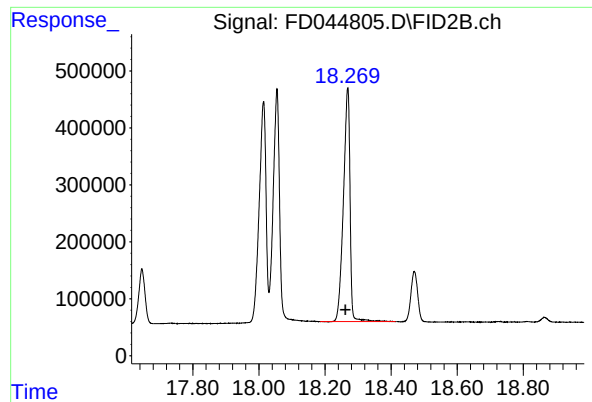
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.004 min
Response: 5588148
Conc: 39.52 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.003 min
Response: 5472503
Conc: 37.33 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.006 min
Response: 5718906
Conc: 40.26 ug/ml

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