

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046486.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 17:48
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 14 19:50:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:41:25 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...	7.494	8709936	50.394 ug/ml
Spiked Amount 50.000		Recovery =	100.79%
6) S 2-Fluorobiphenyl (SURR)	8.347	5811984	50.434 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.87%
11) S ortho-Terphenyl (SURR)	11.386	10027678	50.349 ug/ml
Spiked Amount 50.000		Recovery =	100.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	9017481	50.219 ug/ml
2) T Naphthalene (C11.7)	5.833	9498965	50.351 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	9518897	50.006 ug/ml
5) T Acenaphthylene (C15.06)	8.151	8690705	50.328 ug/ml
7) T Acenaphthene (C15.5)	8.448	9275829	50.326 ug/ml
8) T Fluorene (C16.55)	9.226	9060890	50.409 ug/ml
9) T Phenanthrene (C19.36)	10.615	8753270	50.383 ug/ml
10) T Anthracene (C19.43)	10.690	7334405	49.927 ug/ml
12) T Fluoranthene (C21.85)	12.420	8505498	50.312 ug/ml
13) T Pyrene (C20.8)	12.714	8225940	50.331 ug/ml
14) T Benzo[a]anthracene (C...	14.577	7057041	50.458 ug/ml
15) T Chrysene (C27.41)	14.621	7514545	50.270 ug/ml
16) T benzo[b]fluoranthene ...	16.119	6863096	50.233 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	6891340	50.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	6642669	50.269 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.853	6356096	50.089 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	6438514	50.571 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	6504183	50.198 ug/ml

(f)=RT Delta > 1/2 Window

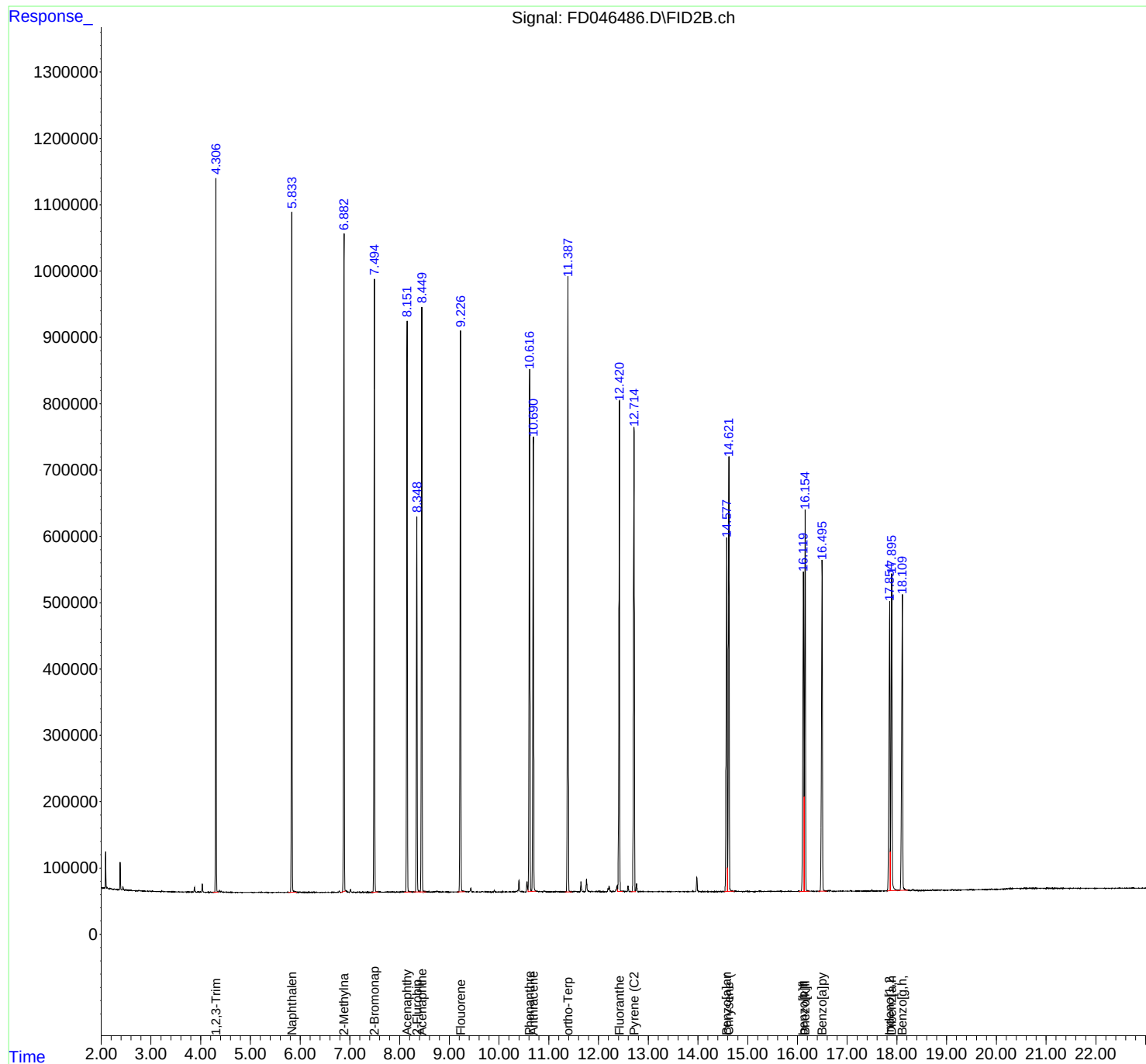
(m)=manual int.

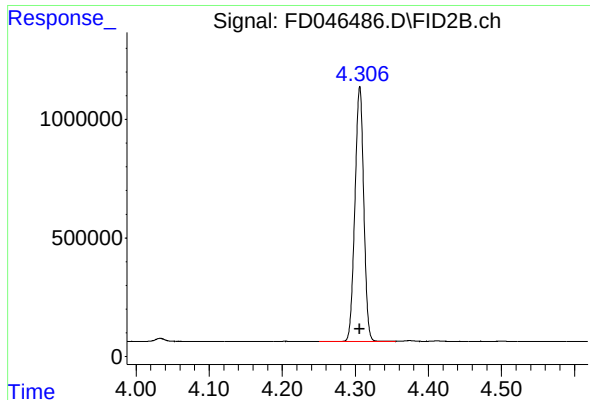
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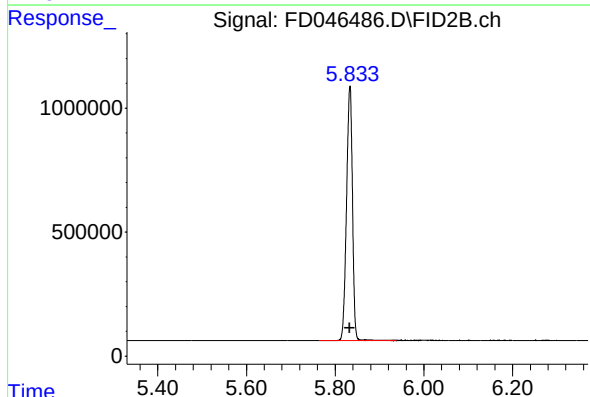




#1 1,2,3-Trimethylbenzene (C10.1)

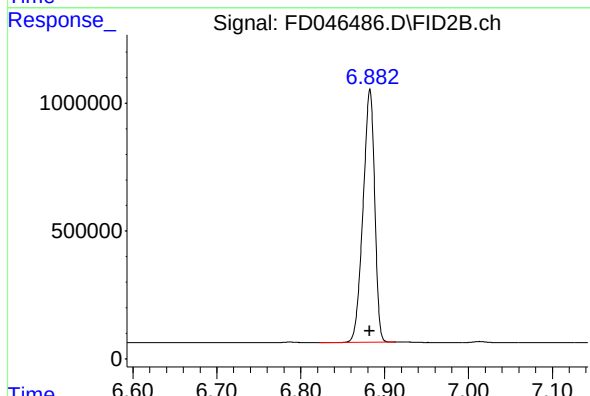
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 9017481
Conc: 50.22 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



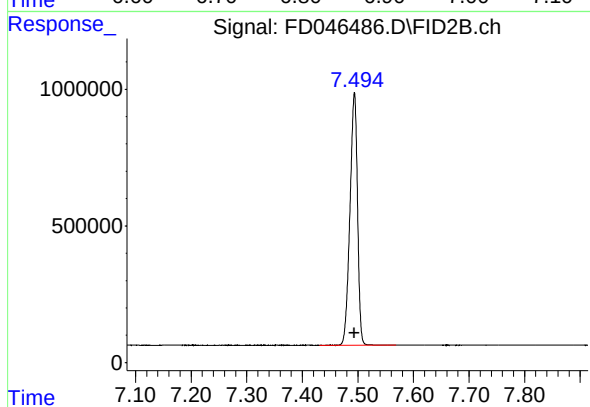
#2 Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 9498965
Conc: 50.35 ug/ml



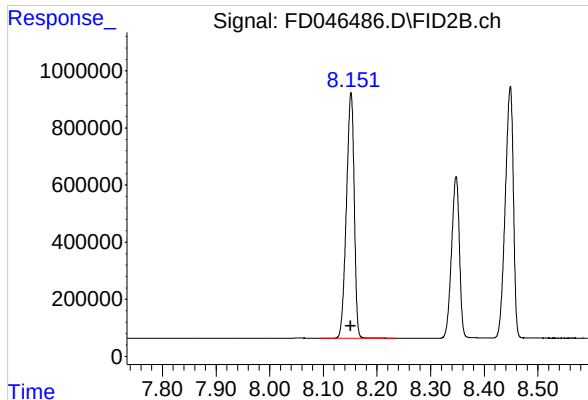
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 9518897
Conc: 50.01 ug/ml



#4 2-Bromonaphthalene (SURR)

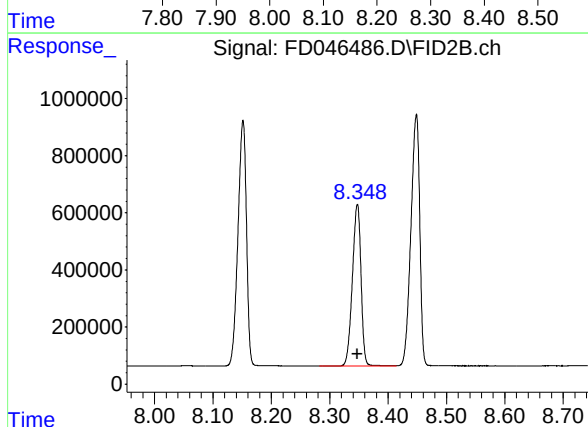
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 8709936
Conc: 50.39 ug/ml



#5 Acenaphthylene (C15.06)

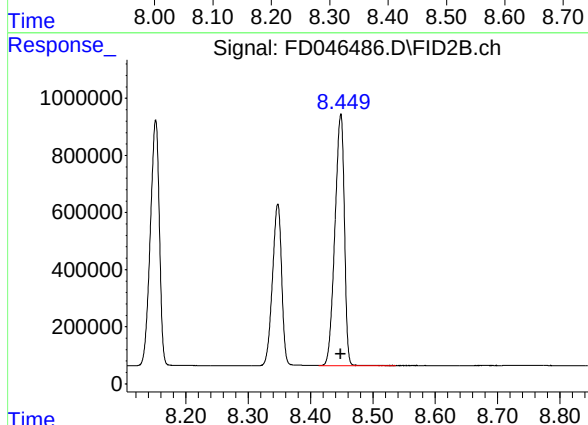
R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 8690705
Conc: 50.33 ug/ml

Instrument :
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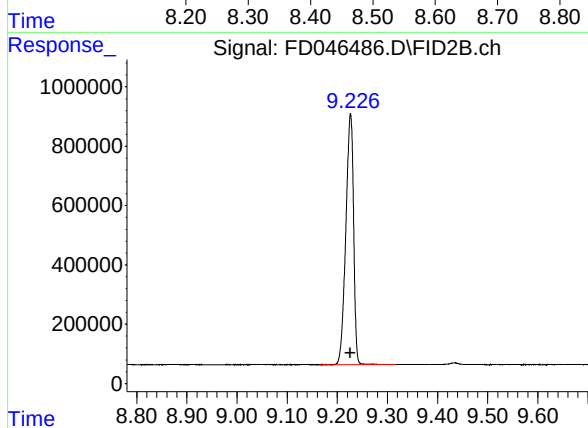
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 5811984
Conc: 50.43 ug/ml



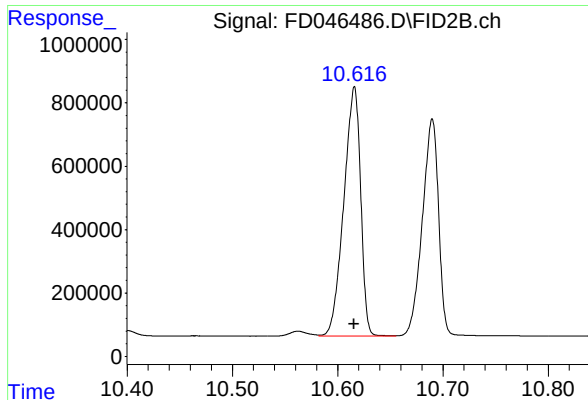
#7 Acenaphthene (C15.5)

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 9275829
Conc: 50.33 ug/ml



#8 Fluorene (C16.55)

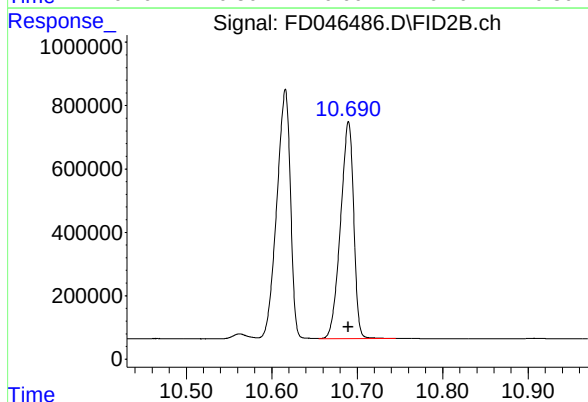
R.T.: 9.226 min
Delta R.T.: 0.000 min
Response: 9060890
Conc: 50.41 ug/ml



#9 Phenanthrene (C19.36)

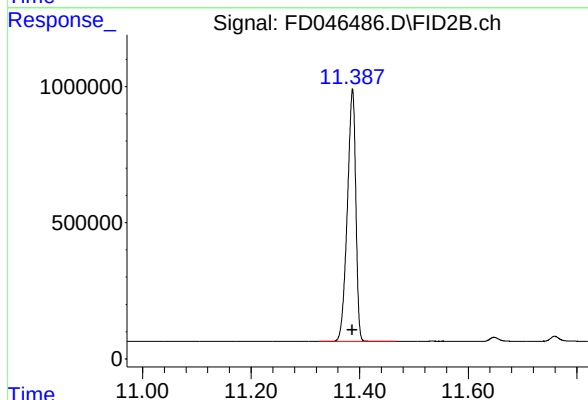
R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 8753270
Conc: 50.38 ug/ml

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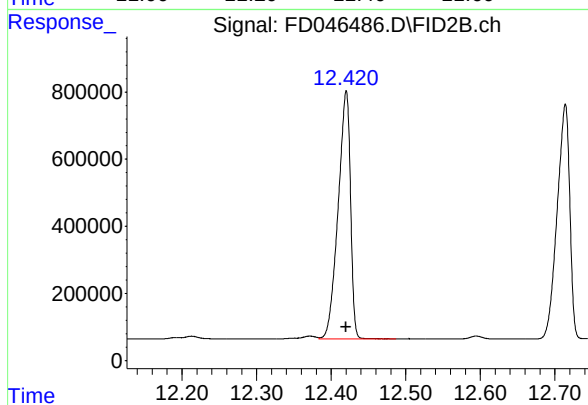
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.000 min
Response: 7334405
Conc: 49.93 ug/ml



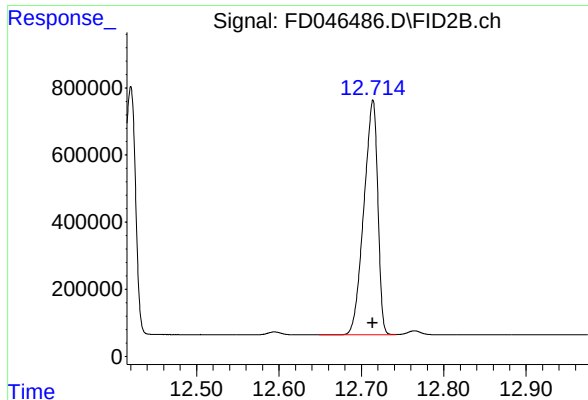
#11 ortho-Terphenyl (SURRE)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 10027678
Conc: 50.35 ug/ml



#12 Fluoranthene (C21.85)

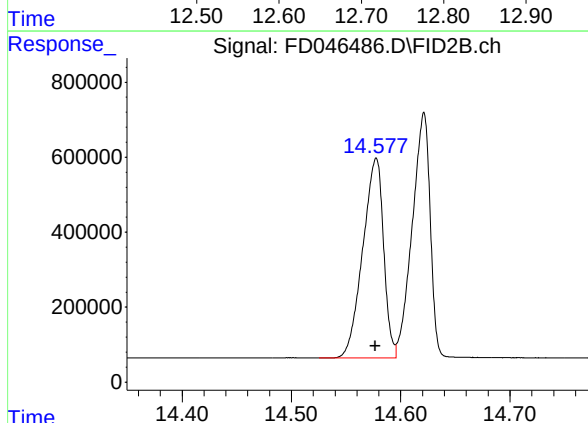
R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 8505498
Conc: 50.31 ug/ml



#13 Pyrene (C20.8)

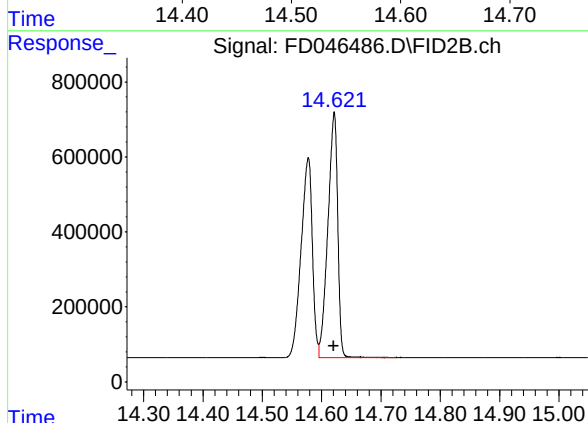
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 8225940
Conc: 50.33 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



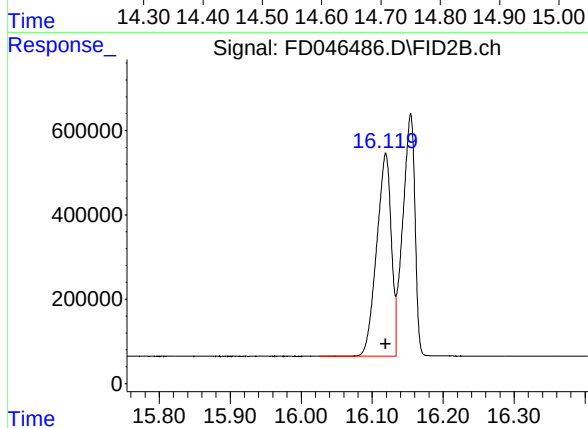
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 7057041
Conc: 50.46 ug/ml



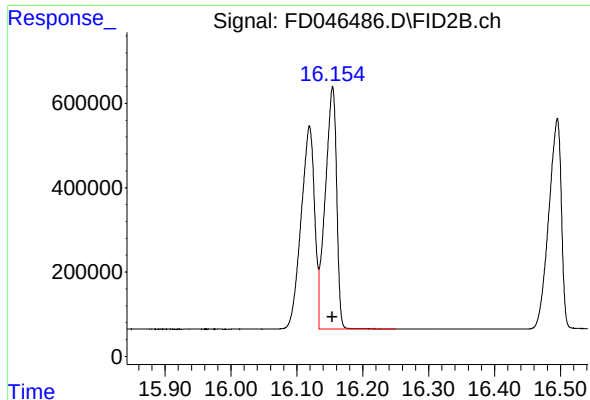
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 7514545
Conc: 50.27 ug/ml



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

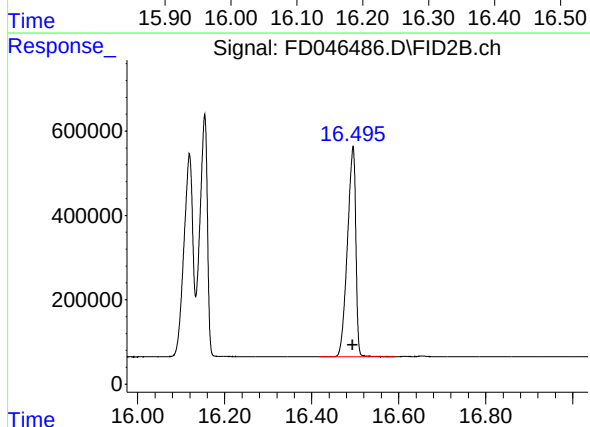
R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 6863096
Conc: 50.23 ug/ml



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

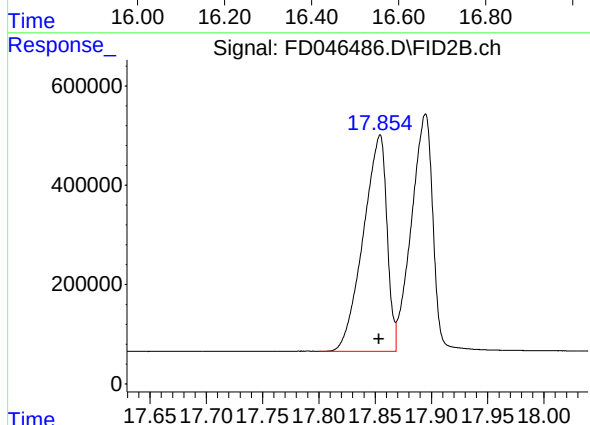
R.T.: 16.154 min
Delta R.T.: 0.000 min
Response: 6891340
Conc: 50.59 ug/ml

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50 PPM AROMATIC HC STD2



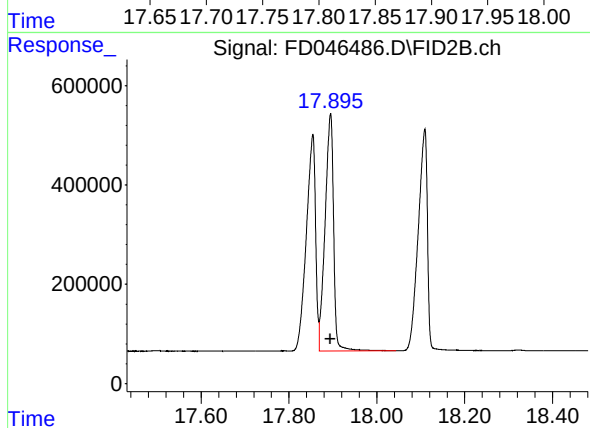
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.000 min
Response: 6642669
Conc: 50.27 ug/ml



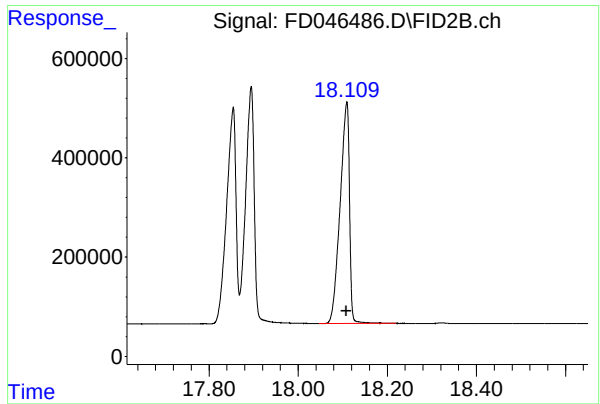
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.853 min
Delta R.T.: 0.000 min
Response: 6356096
Conc: 50.09 ug/ml



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

R.T.: 17.894 min
Delta R.T.: 0.000 min
Response: 6438514
Conc: 50.57 ug/ml



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

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 6504183
Conc: 50.20 ug/ml

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