

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014228.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 14:37
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 15:53:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 15:49:59 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...	7.907	10831175	102.313 ug/ml
Spiked Amount 50.000		Recovery =	204.63%
6) S 2-Fluorobiphenyl (SURR)	8.779	6772515	106.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	212.10%#
11) S ortho-Terphenyl (SURR)	11.845	13337016	98.987 ug/ml
Spiked Amount 50.000		Recovery =	197.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.520	11607378	99.558 ug/ml
2) T Naphthalene (C11.7)	6.185	11959340	101.770 ug/ml
3) T 2-Methylnaphthalene (...)	7.281	11484818	102.156 ug/ml
5) T Acenaphthylene (C15.06)	8.580	11266817	101.440 ug/ml
7) T Acenaphthene (C15.5)	8.882	12329389	100.206 ug/ml
8) T Flouorene (C16.55)	9.669	11008198	102.872 ug/ml
9) T Phenanthrene (C19.36)	11.074	10578053	102.074 ug/ml
10) T Anthracene (C19.43)	11.148	8785721	98.313 ug/ml
12) T Fluoranthene (C21.85)	12.895	11246371	100.602 ug/ml
13) T Pyrene (C20.8)	13.194	10919513	101.142 ug/ml
14) T Benzo[a]anthracene (C...	15.072	8592224	105.672 ug/ml
15) T Chrysene (C27.41)	15.119	9756255	95.336 ug/ml
16) T benzo[b]fluoranthene ...	16.634	10483642	101.826 ug/ml
17) T Bnezo[k]fluoranthene ...	16.672	10290972	96.124 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.017	10263517	99.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.393	10704202	110.248 ug/ml
20) T Dibenz[a,h]anthracene...	18.428	9188573	92.068 ug/ml
21) T Benzo[g,h,i]perylene ...	18.653	11618471	97.729 ug/ml

(f)=RT Delta > 1/2 Window

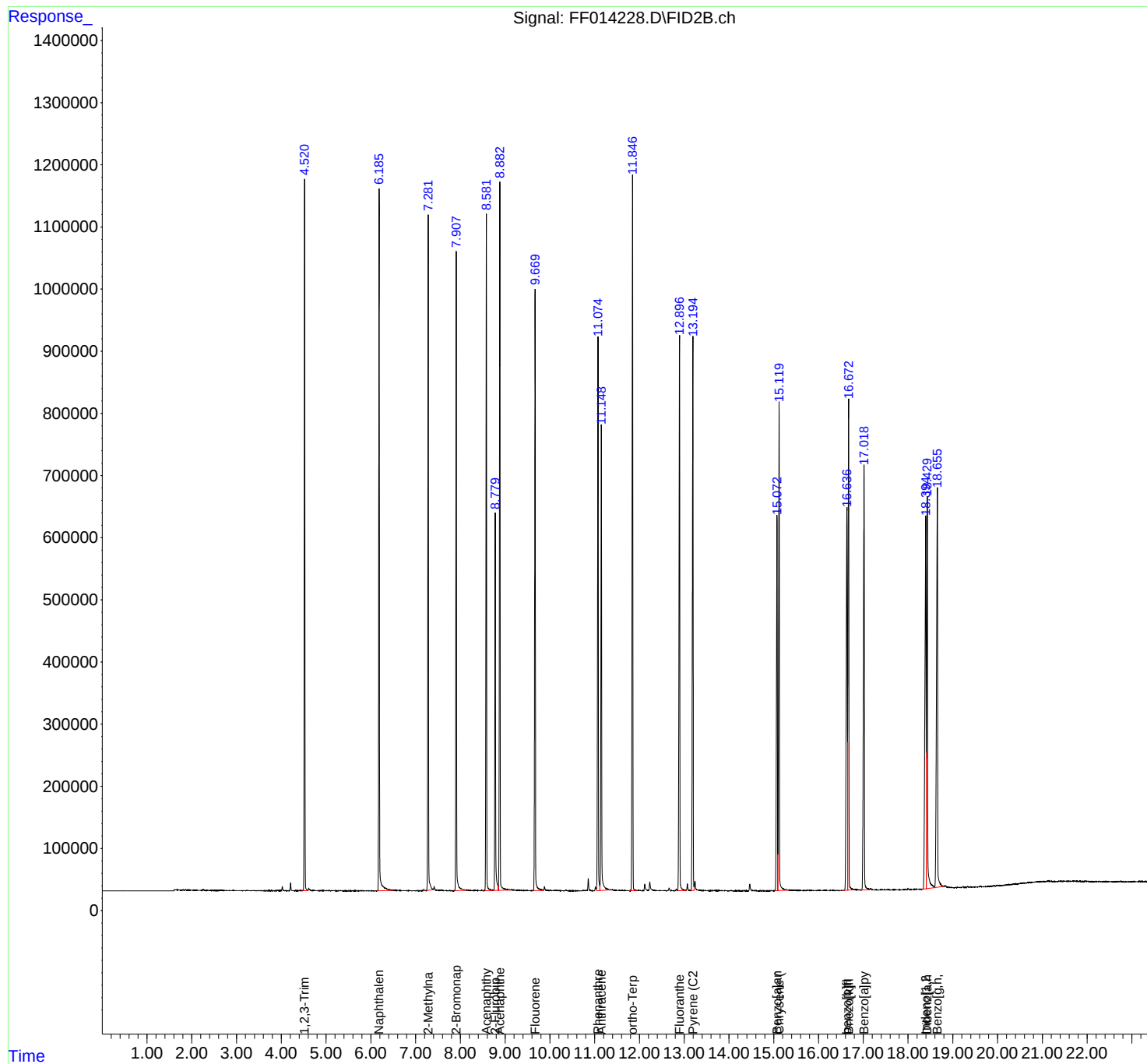
(m)=manual int.

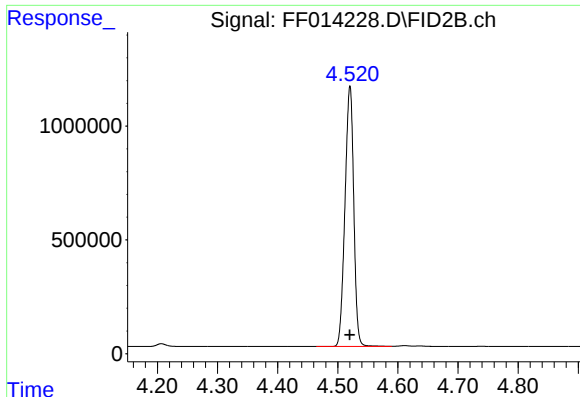
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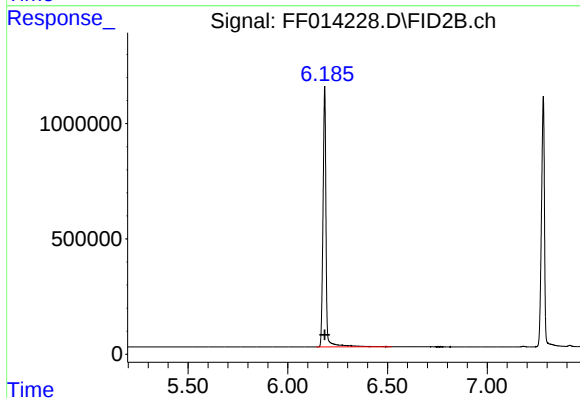




#1 1,2,3-Trimethylbenzene (C10.1)

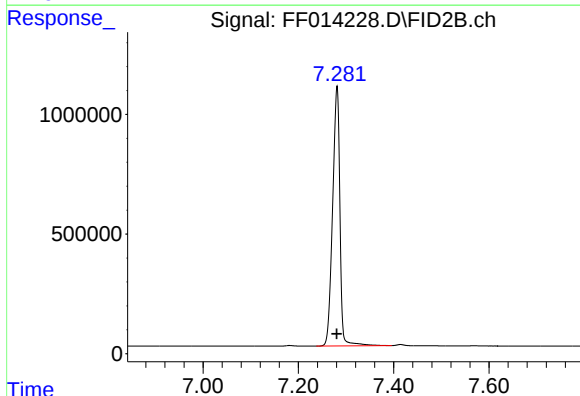
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 11607378
Conc: 99.56 ug/ml

Instrument :
FID_F
ClientSampleId :



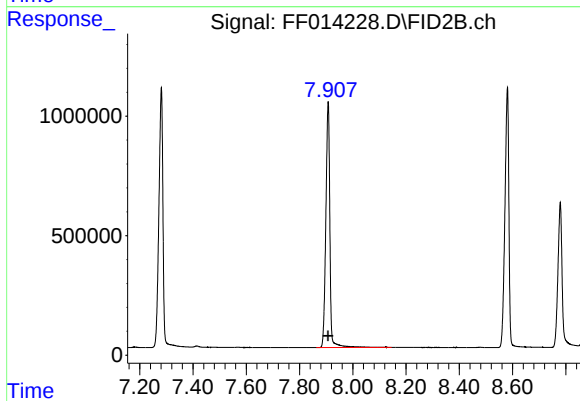
#2 Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 11959340
Conc: 101.77 ug/ml



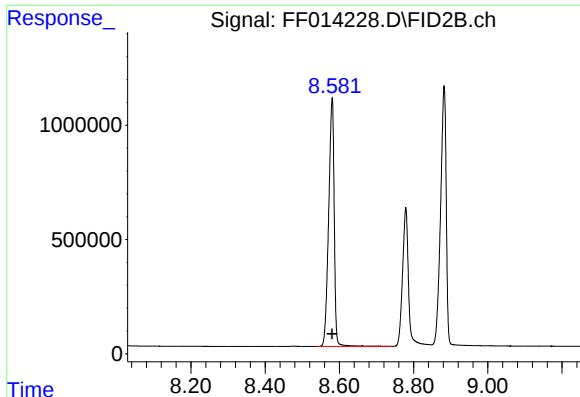
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 11484818
Conc: 102.16 ug/ml



#4 2-Bromonaphthalene (SURR)

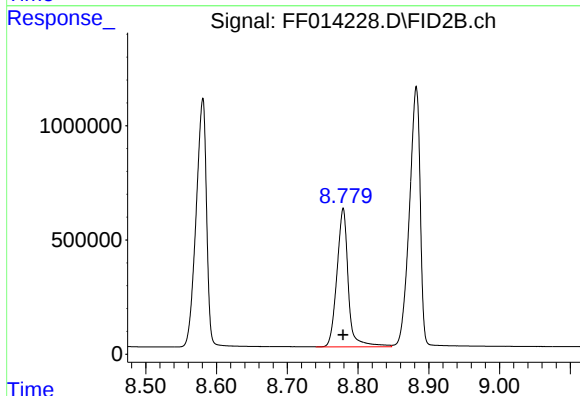
R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 10831175
Conc: 102.31 ug/ml



#5 Acenaphthylene (C15.06)

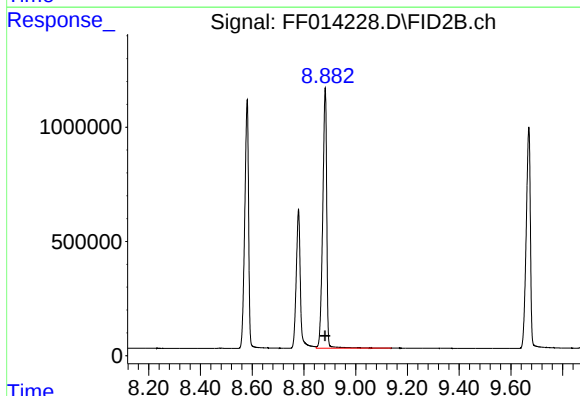
R.T.: 8.580 min
Delta R.T.: 0.000 min
Response: 11266817
Conc: 101.44 ug/ml

Instrument :
FID_F
ClientSampleId :



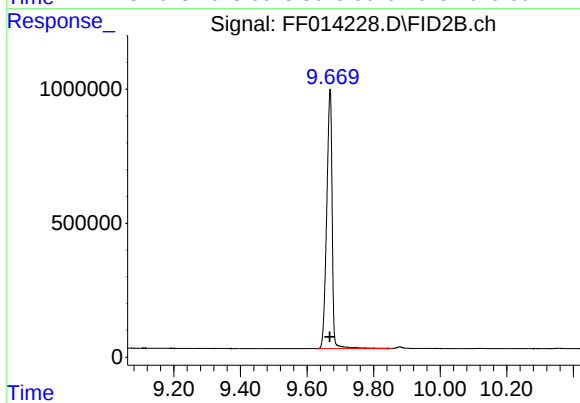
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.779 min
Delta R.T.: 0.000 min
Response: 6772515
Conc: 106.05 ug/ml



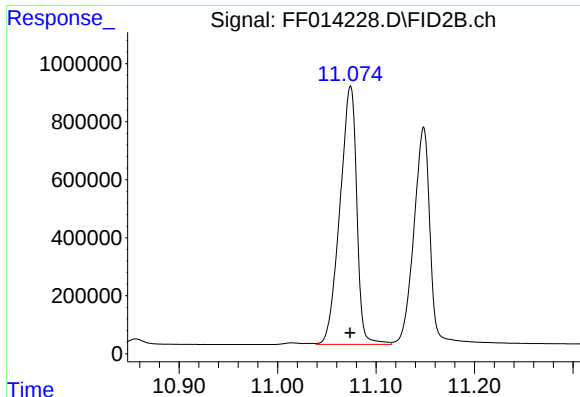
#7 Acenaphthene (C15.5)

R.T.: 8.882 min
Delta R.T.: 0.000 min
Response: 12329389
Conc: 100.21 ug/ml



#8 Fluorene (C16.55)

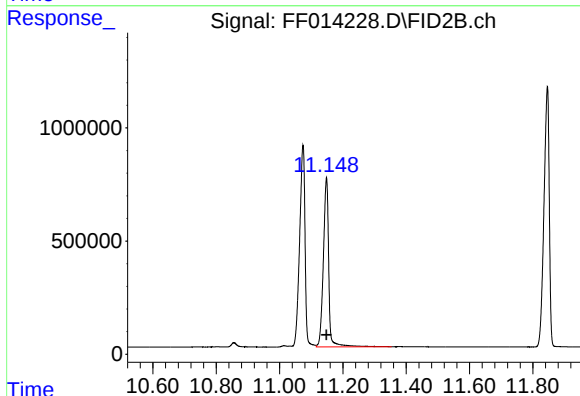
R.T.: 9.669 min
Delta R.T.: 0.000 min
Response: 11008198
Conc: 102.87 ug/ml



#9 Phenanthrene (C19.36)

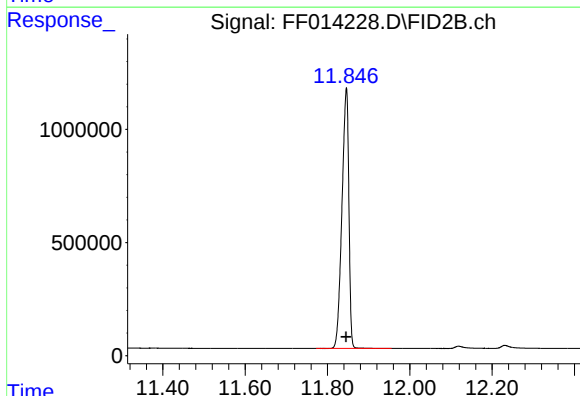
R.T.: 11.074 min
Delta R.T.: 0.000 min
Response: 10578053
Conc: 102.07 ug/ml

Instrument :
FID_F
ClientSampleId :



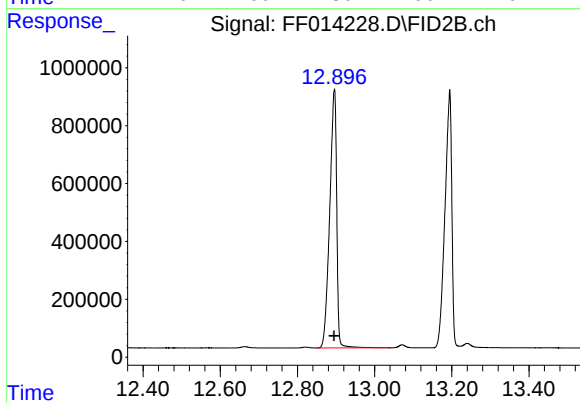
#10 Anthracene (C19.43)

R.T.: 11.148 min
Delta R.T.: 0.000 min
Response: 8785721
Conc: 98.31 ug/ml



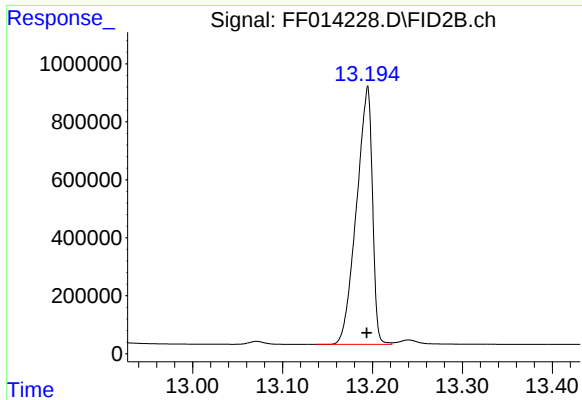
#11 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: 0.000 min
Response: 13337016
Conc: 98.99 ug/ml



#12 Fluoranthene (C21.85)

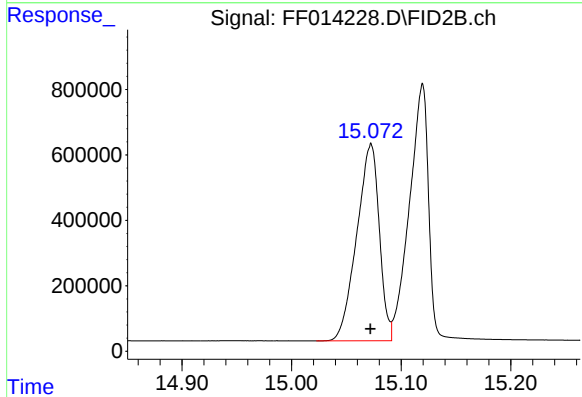
R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 11246371
Conc: 100.60 ug/ml



#13 Pyrene (C20.8)

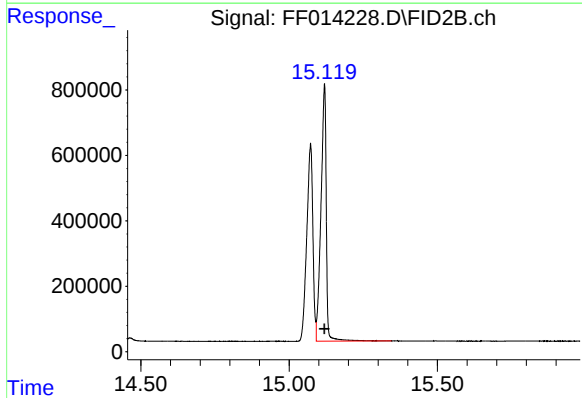
R.T.: 13.194 min
Delta R.T.: 0.000 min
Response: 10919513
Conc: 101.14 ug/ml

Instrument :
FID_F
ClientSampleId :



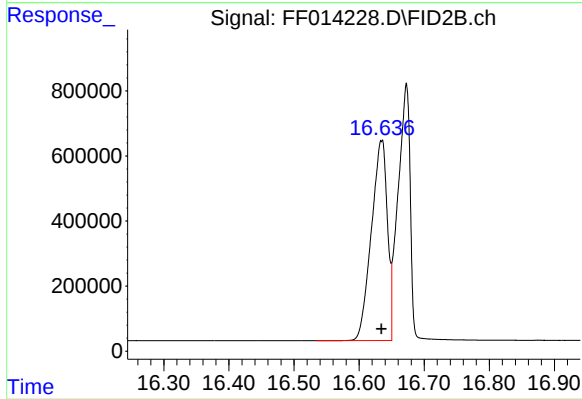
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.072 min
Delta R.T.: 0.000 min
Response: 8592224
Conc: 105.67 ug/ml



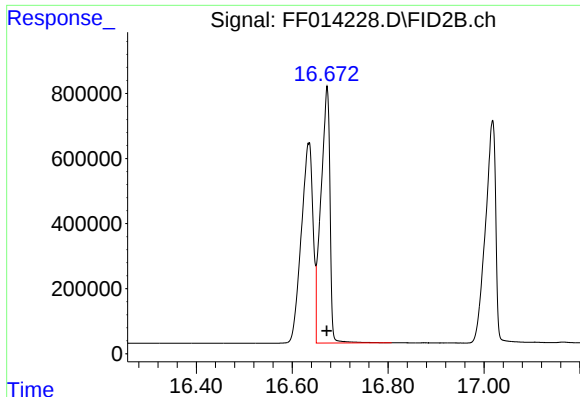
#15 Chrysene (C27.41)

R.T.: 15.119 min
Delta R.T.: 0.000 min
Response: 9756255
Conc: 95.34 ug/ml



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

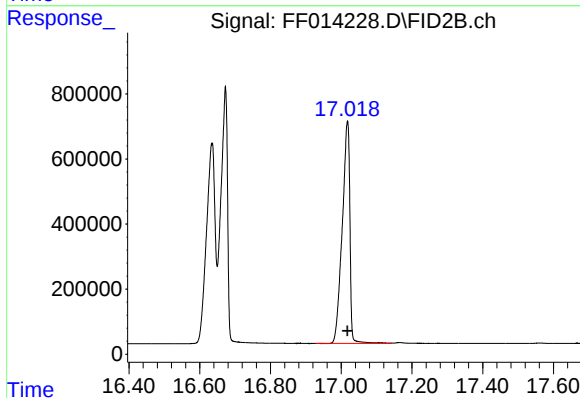
R.T.: 16.634 min
Delta R.T.: 0.000 min
Response: 10483642
Conc: 101.83 ug/ml



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

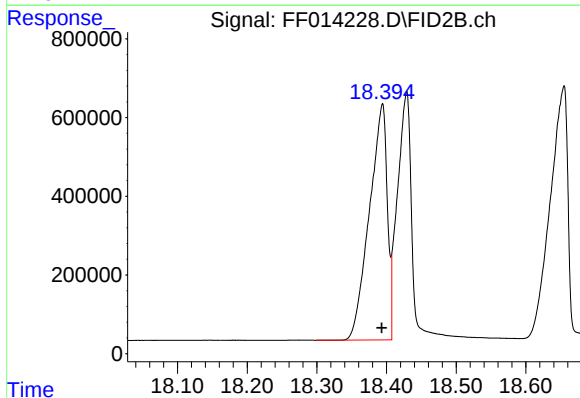
R.T.: 16.672 min
Delta R.T.: 0.000 min
Response: 10290972
Conc: 96.12 ug/ml

Instrument :
FID_F
ClientSampleId :



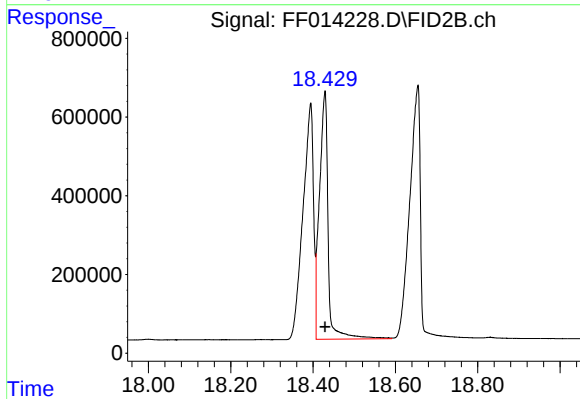
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.017 min
Delta R.T.: 0.000 min
Response: 10263517
Conc: 99.80 ug/ml



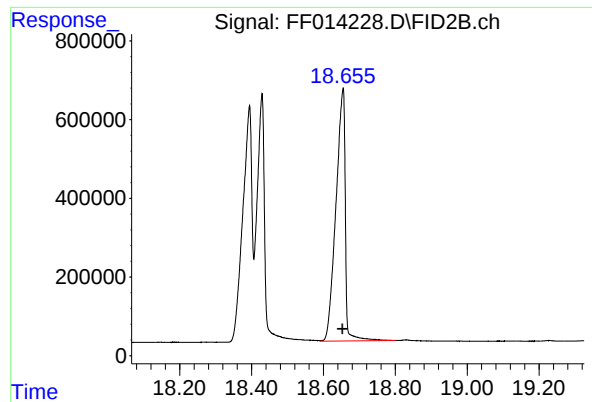
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.393 min
Delta R.T.: 0.000 min
Response: 10704202
Conc: 110.25 ug/ml



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

R.T.: 18.428 min
Delta R.T.: -0.001 min
Response: 9188573
Conc: 92.07 ug/ml



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

R.T.: 18.653 min
Delta R.T.: 0.000 min
Response: 11618471
Conc: 97.73 ug/ml

Instrument :

FID_F

ClientSampleId :