

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120623AR\
 Data File : FD046995.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2023 12:06
 Operator : YP/AJ
 Sample : PB157580BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB157580BSD

Integration File: autoint1.e
 Quant Time: Dec 06 14:02:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.476	8241464	47.637 ug/ml
Spiked Amount 50.000		Recovery =	95.27%
6) S 2-Fluorobiphenyl (SURR)	8.329	3941625	36.248 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.50%
11) S ortho-Terphenyl (SURR)	11.369	9160624	46.034 ug/ml
Spiked Amount 50.000		Recovery =	92.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	4855941	26.098 ug/ml
2) T Naphthalene (C11.7)	5.815	6083484	31.946 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	6421503	33.346 ug/ml
5) T Acenaphthylene (C15.06)	8.134	7724604	44.375 ug/ml
7) T Acenaphthene (C15.5)	8.429	7336745	39.561 ug/ml
8) T Flouorene (C16.55)	9.208	8117569	47.028 ug/ml
9) T Phenanthrene (C19.36)	10.597	8441774	51.416 ug/ml
10) T Anthracene (C19.43)	10.673	8082024	52.263 ug/ml
12) T Fluoranthene (C21.85)	12.402	8682185	54.779 ug/ml
13) T Pyrene (C20.8)	12.697	8635342	56.439 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7474477	57.646 ug/ml
15) T Chrysene (C27.41)	14.604	7553307	52.697 ug/ml
16) T benzo[b]fluoranthene ...	16.104	7390404	55.330 ug/ml
17) T Bnezo[k]fluoranthene ...	16.139	7291928	53.372 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	6905654	52.711 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	6837485	57.303 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	6471649	49.806 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	6705440	51.249 ug/ml

(f)=RT Delta > 1/2 Window

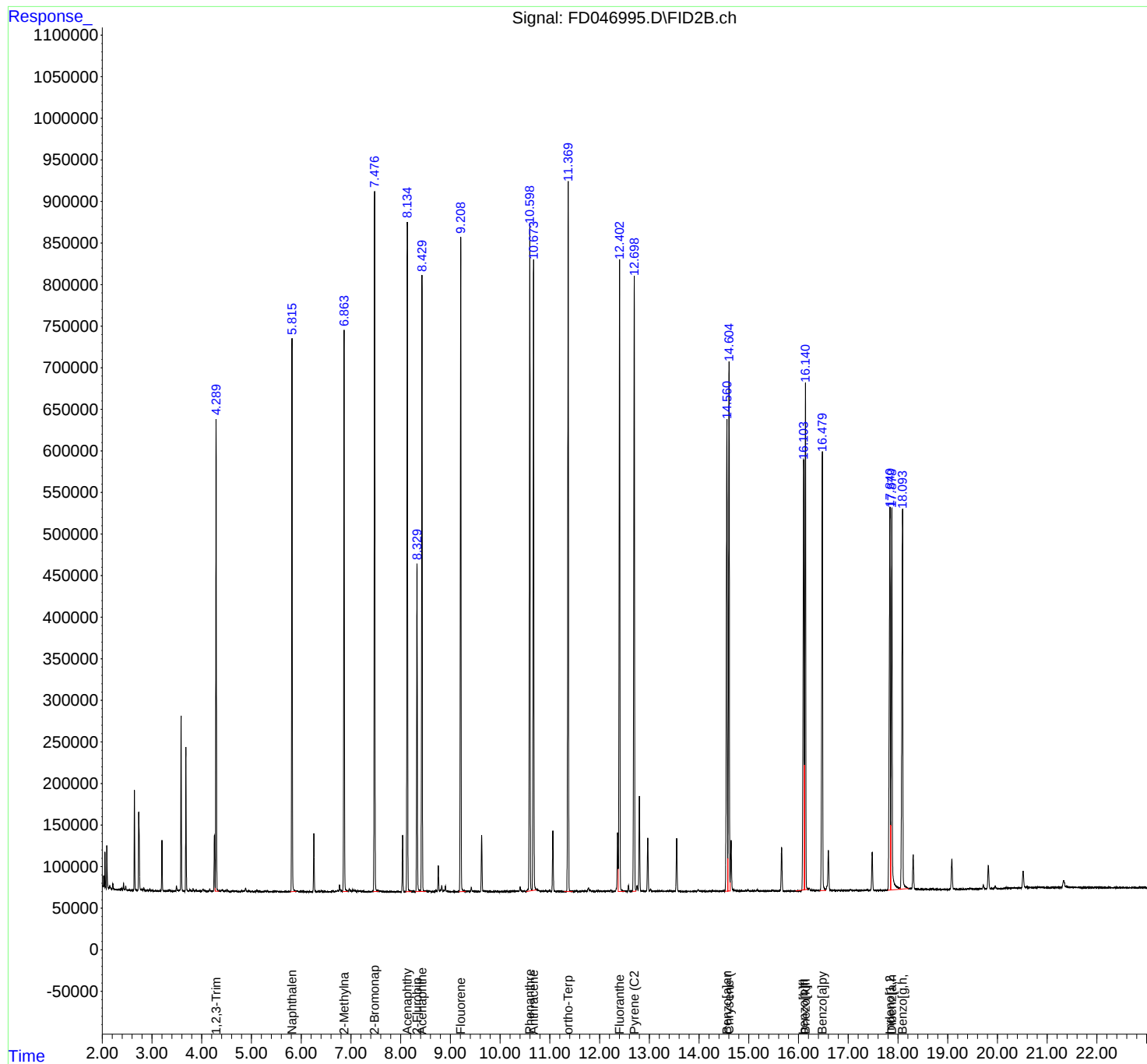
(m)=manual int.

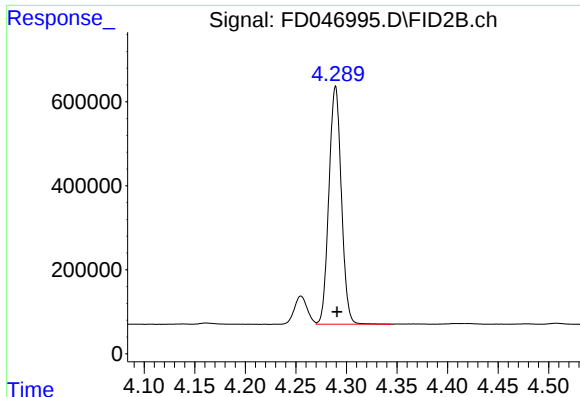
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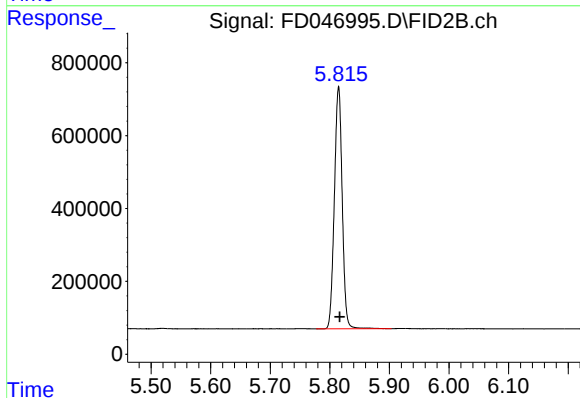




#1 1,2,3-Trimethylbenzene (C10.1)

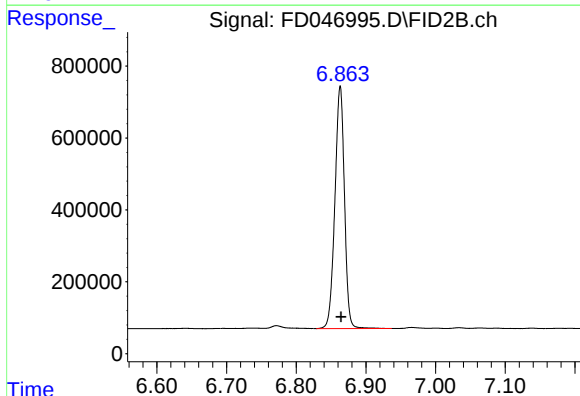
R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 4855941
Conc: 26.10 ug/ml

Instrument :
FID_D
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PB157580BSD



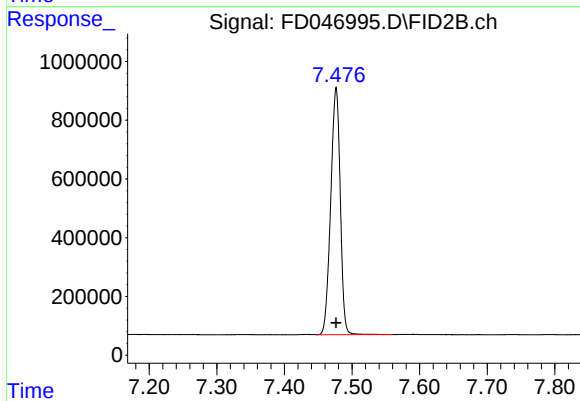
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 6083484
Conc: 31.95 ug/ml



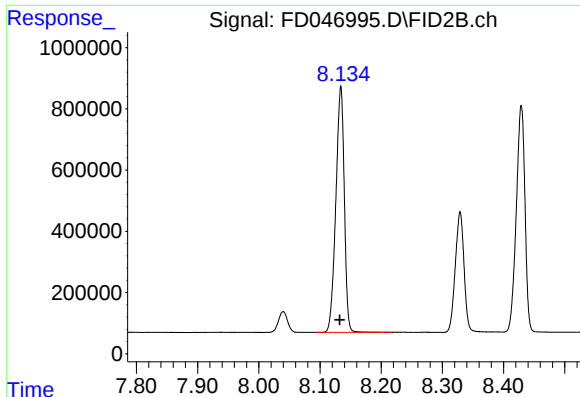
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.001 min
Response: 6421503
Conc: 33.35 ug/ml



#4 2-Bromonaphthalene (SURR)

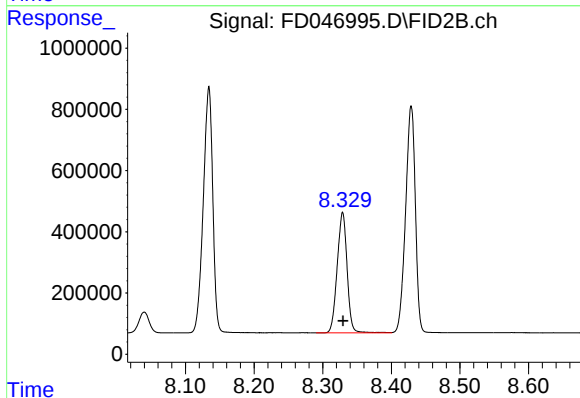
R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 8241464
Conc: 47.64 ug/ml



#5 Acenaphthylene (C15.06)

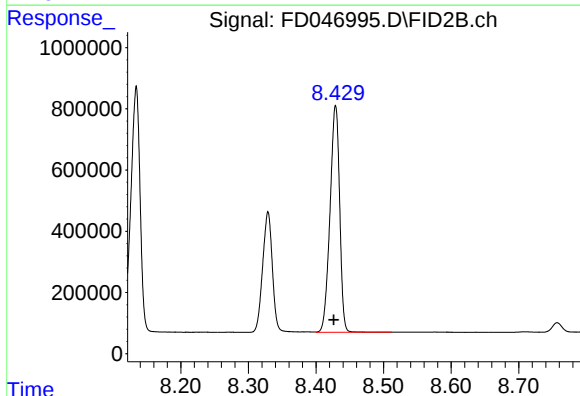
R.T.: 8.134 min
Delta R.T.: 0.001 min
Response: 7724604
Conc: 44.38 ug/ml

Instrument :
FID_D
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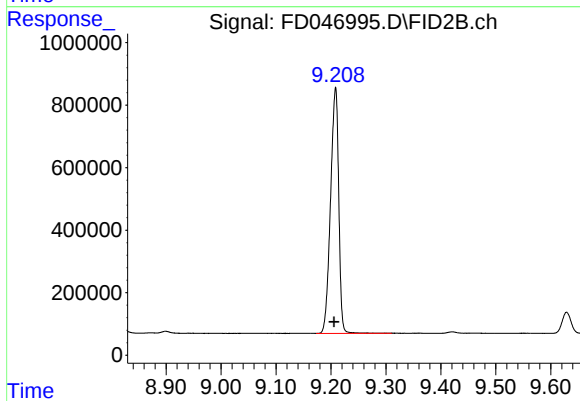
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 3941625
Conc: 36.25 ug/ml



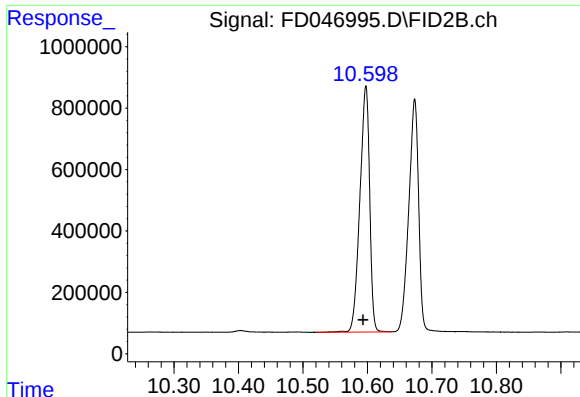
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 7336745
Conc: 39.56 ug/ml



#8 Flouorene (C16.55)

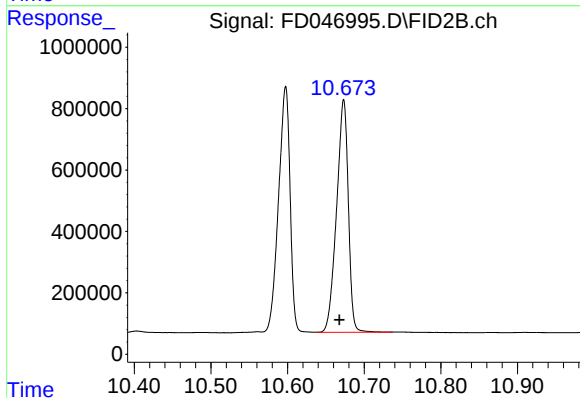
R.T.: 9.208 min
Delta R.T.: 0.002 min
Response: 8117569
Conc: 47.03 ug/ml



#9 Phenanthrene (C19.36)

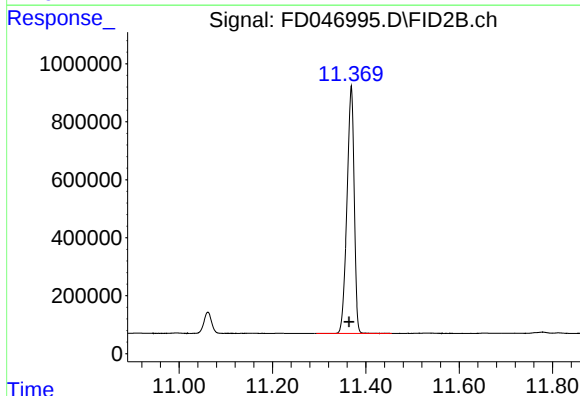
R.T.: 10.597 min
Delta R.T.: 0.004 min
Response: 8441774
Conc: 51.42 ug/ml

Instrument :
FID_D
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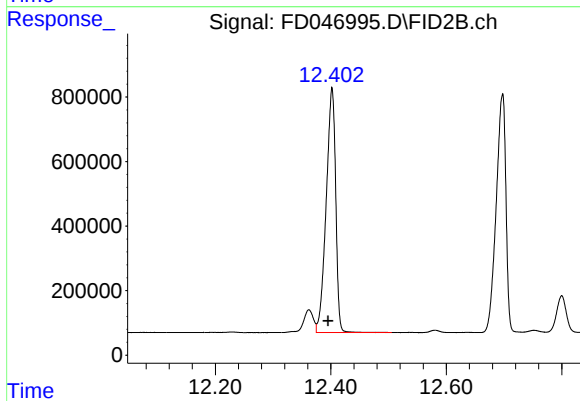
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: 0.005 min
Response: 8082024
Conc: 52.26 ug/ml



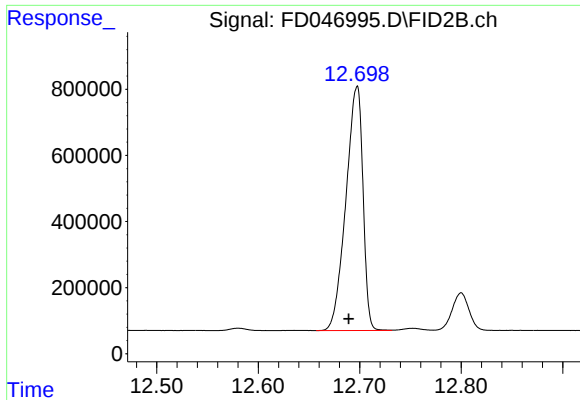
#11 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.004 min
Response: 9160624
Conc: 46.03 ug/ml



#12 Fluoranthene (C21.85)

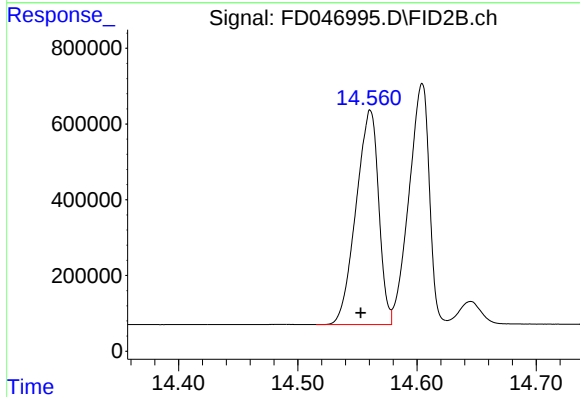
R.T.: 12.402 min
Delta R.T.: 0.007 min
Response: 8682185
Conc: 54.78 ug/ml



#13 Pyrene (C20.8)

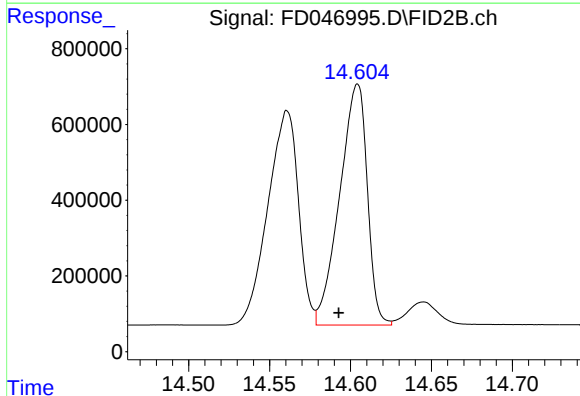
R.T.: 12.697 min
Delta R.T.: 0.008 min
Response: 8635342
Conc: 56.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157580BSD



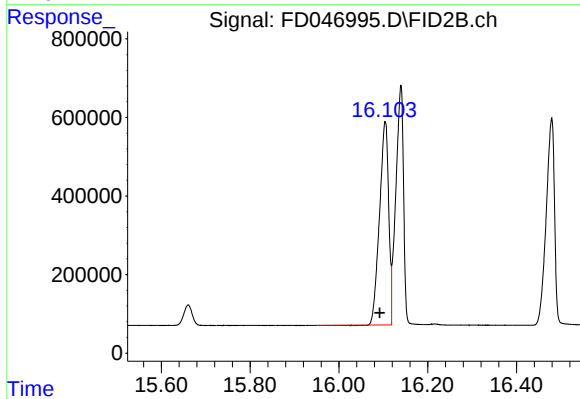
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.008 min
Response: 7474477
Conc: 57.65 ug/ml



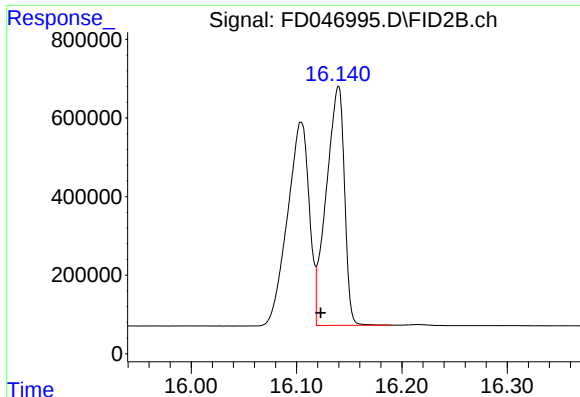
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.011 min
Response: 7553307
Conc: 52.70 ug/ml



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

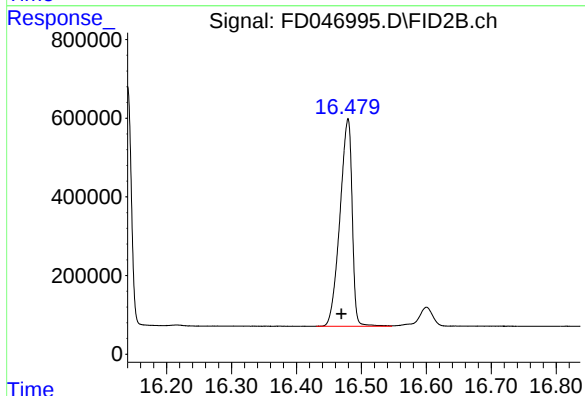
R.T.: 16.104 min
Delta R.T.: 0.012 min
Response: 7390404
Conc: 55.33 ug/ml



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

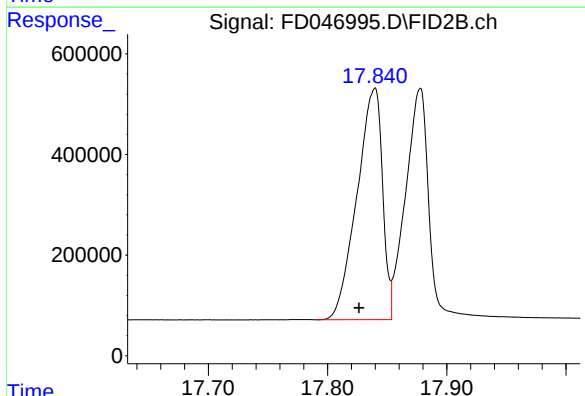
R.T.: 16.139 min
Delta R.T.: 0.016 min
Response: 7291928
Conc: 53.37 ug/ml

Instrument :
FID_D
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PB157580BSD



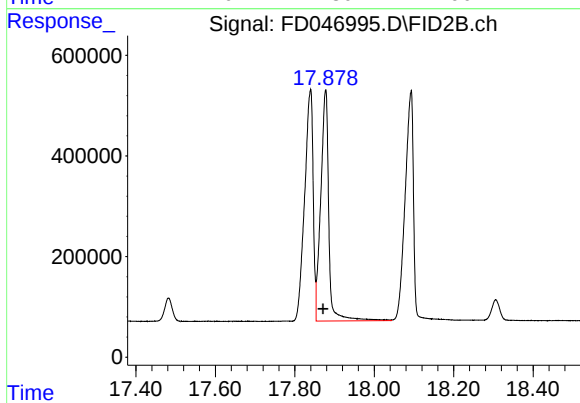
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.010 min
Response: 6905654
Conc: 52.71 ug/ml



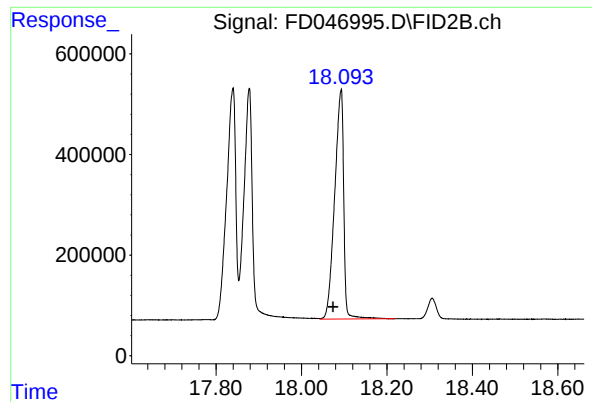
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.012 min
Response: 6837485
Conc: 57.30 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.006 min
Response: 6471649
Conc: 49.81 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.017 min
Response: 6705440
Conc: 51.25 ug/ml

Instrument :

FID_D

ClientSampleId :

PB157580BSD