

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048856.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 17:31
 Operator : YP/AJ
 Sample : PB165500BSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165500BSD

Integration File: autoint1.e
 Quant Time: Dec 10 06:17:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.365	8340692	47.375 ug/ml
Spiked Amount 50.000		Recovery =	94.75%
6) S 2-Fluorobiphenyl (SURR)	8.214	4746264	41.211 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.42%
11) S ortho-Terphenyl (SURR)	11.250	7841560	40.770 ug/ml
Spiked Amount 50.000		Recovery =	81.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5202636	27.606 ug/ml
2) T Naphthalene (C11.7)	5.704	6615640	33.827 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	6701102	35.065 ug/ml
5) T Acenaphthylene (C15.06)	8.017	7538163	38.871 ug/ml
7) T Acenaphthene (C15.5)	8.312	7965539	41.413 ug/ml
8) T Fluorene (C16.55)	9.091	8199946	42.741 ug/ml
9) T Phenanthrene (C19.36)	10.478	8098859	44.183 ug/ml
10) T Anthracene (C19.43)	10.554	8255522	44.084 ug/ml
12) T Fluoranthene (C21.85)	12.283	8166252	44.595 ug/ml
13) T Pyrene (C20.8)	12.578	8517612	47.112 ug/ml
14) T Benzo[a]anthracene (C...	14.447	7256192	44.110 ug/ml
15) T Chrysene (C27.41)	14.490	7395600	42.257 ug/ml
16) T benzo[b]fluoranthene ...	15.995	7039393	44.803 ug/ml
17) T Bnezo[k]fluoranthene ...	16.028	7093061	43.463 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	6754899	45.305 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	6753984	54.675 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	6809561	43.425 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	6421801	45.006 ug/ml

(f)=RT Delta > 1/2 Window

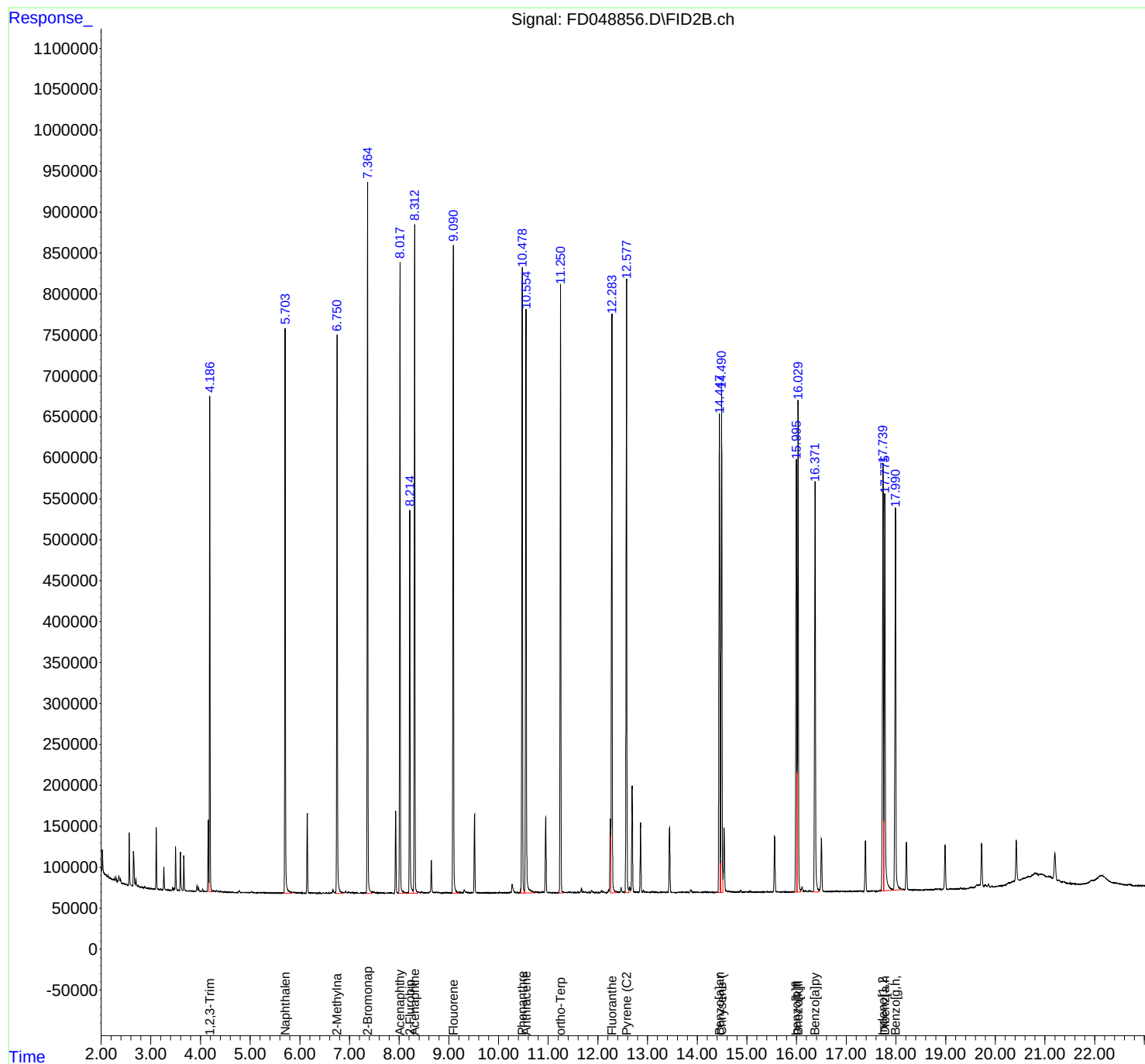
(m)=manual int.

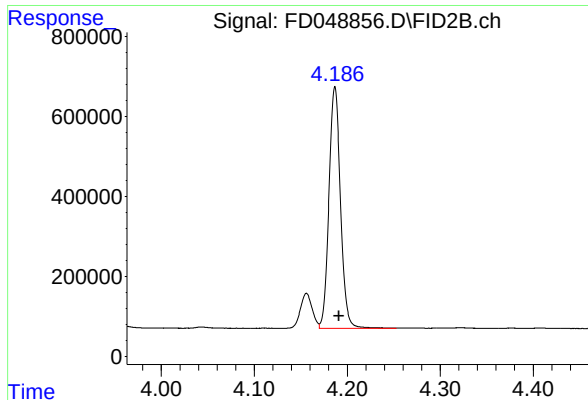
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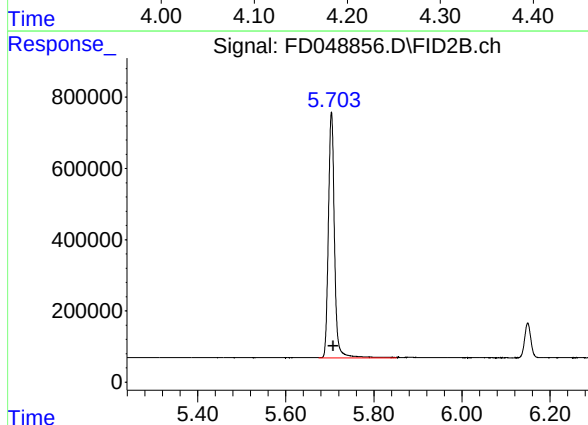




#1 1,2,3-Trimethylbenzene (C10.1)

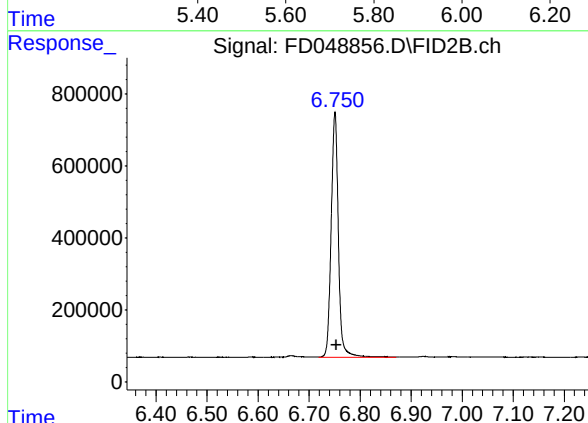
R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 5202636
Conc: 27.61 ug/ml

Instrument :
FID_D
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PB165500BSD



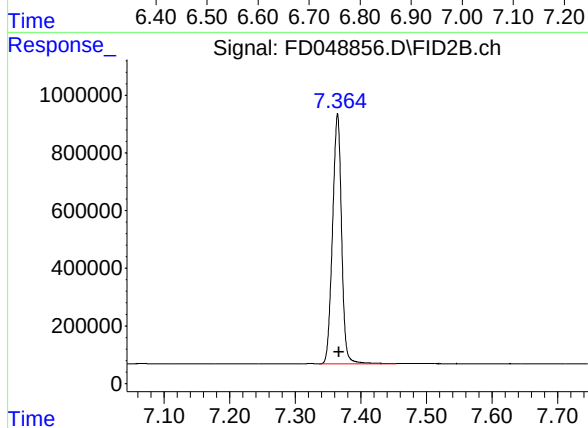
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 6615640
Conc: 33.83 ug/ml



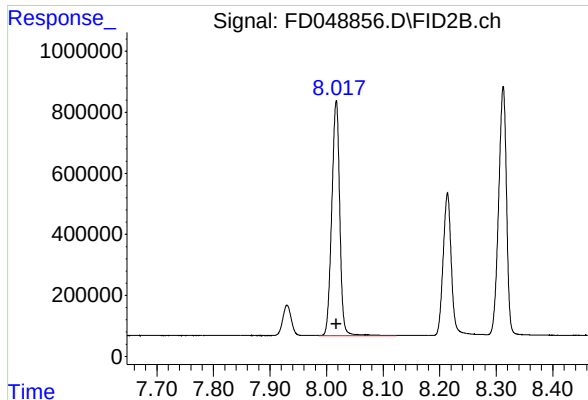
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 6701102
Conc: 35.06 ug/ml



#4 2-Bromonaphthalene (SURR)

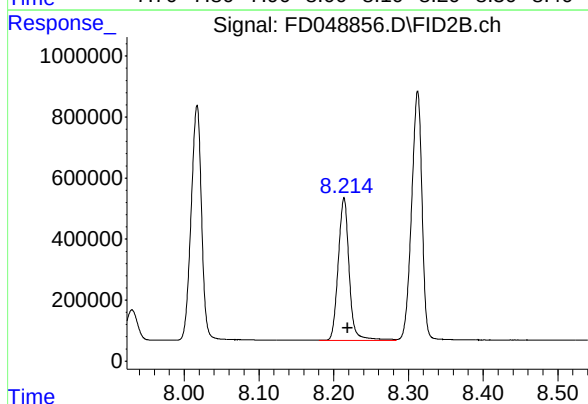
R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 8340692
Conc: 47.37 ug/ml



#5 Acenaphthylene (C15.06)

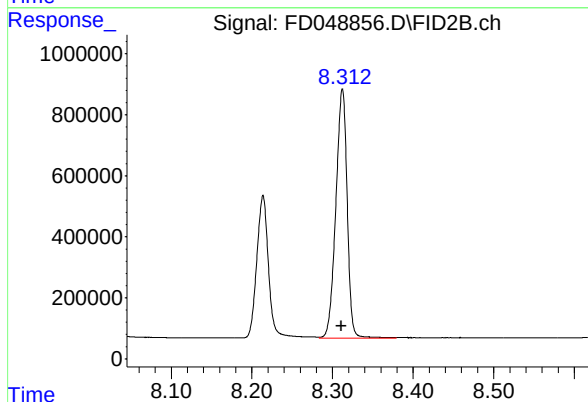
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 7538163
Conc: 38.87 ug/ml

Instrument :
FID_D
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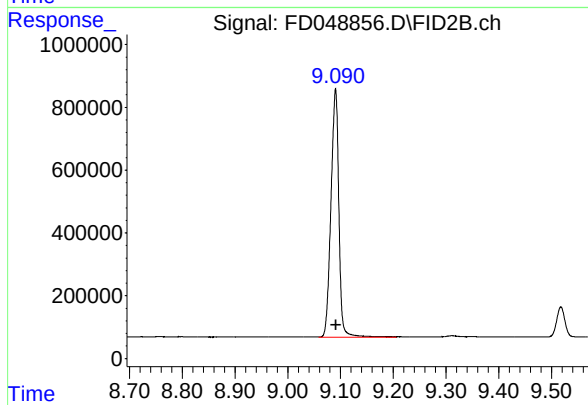
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 4746264
Conc: 41.21 ug/ml



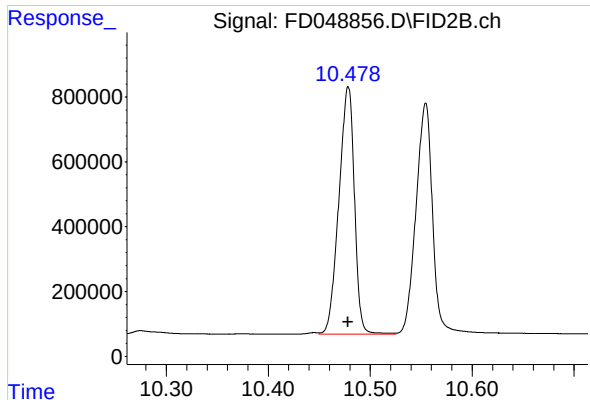
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: 0.001 min
Response: 7965539
Conc: 41.41 ug/ml



#8 Flouorene (C16.55)

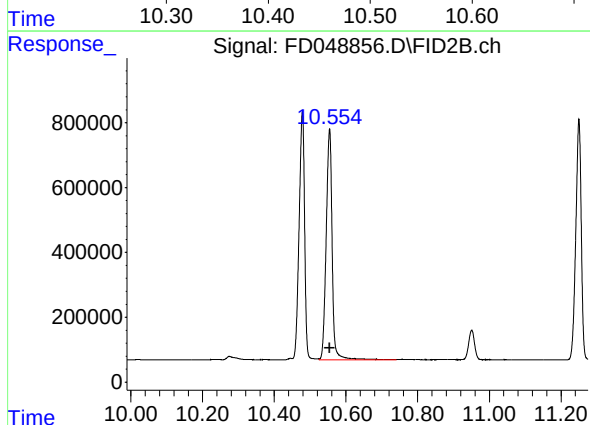
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 8199946
Conc: 42.74 ug/ml



#9 Phenanthrene (C19.36)

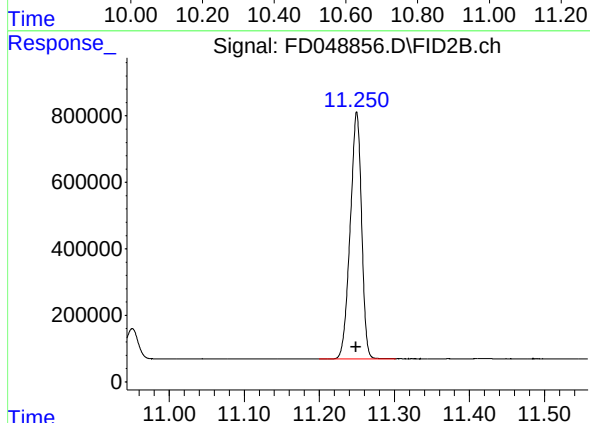
R.T.: 10.478 min
Delta R.T.: 0.000 min
Response: 8098859
Conc: 44.18 ug/ml

Instrument :
FID_D
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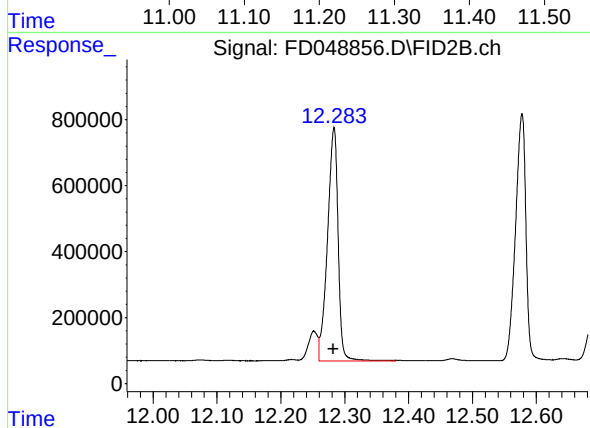
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 8255522
Conc: 44.08 ug/ml



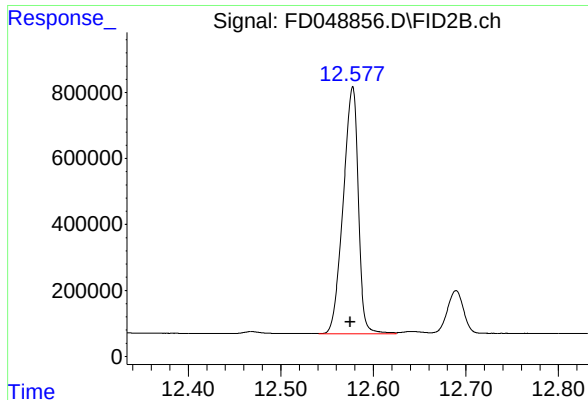
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.001 min
Response: 7841560
Conc: 40.77 ug/ml



#12 Fluoranthene (C21.85)

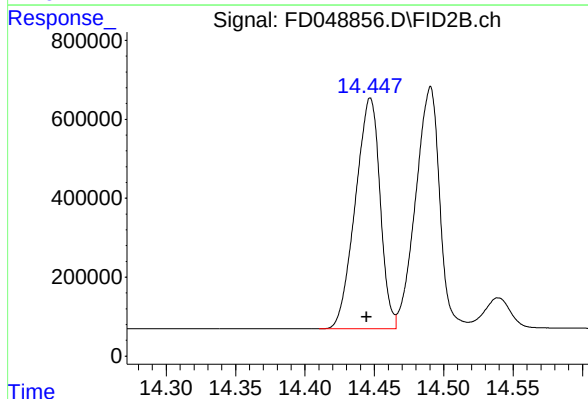
R.T.: 12.283 min
Delta R.T.: 0.000 min
Response: 8166252
Conc: 44.59 ug/ml



#13 Pyrene (C20.8)

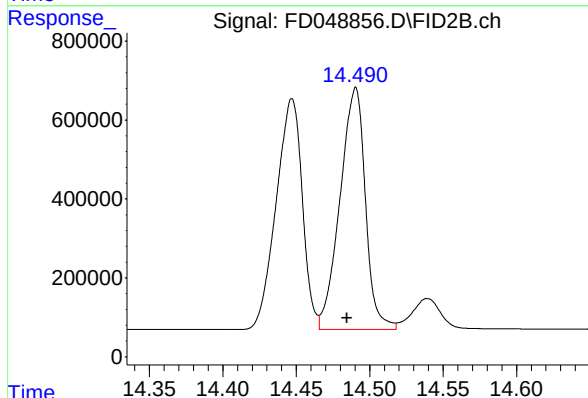
R.T.: 12.578 min
Delta R.T.: 0.002 min
Response: 8517612
Conc: 47.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165500BSD



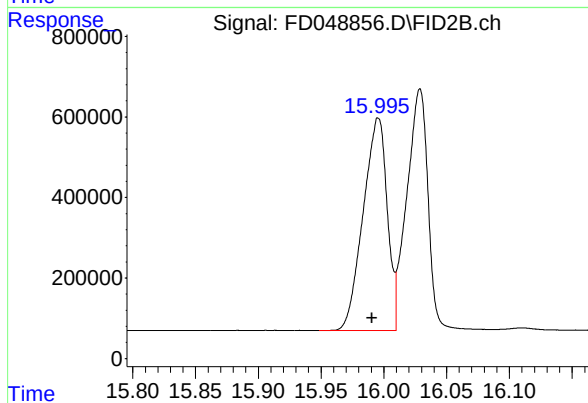
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: 0.003 min
Response: 7256192
Conc: 44.11 ug/ml



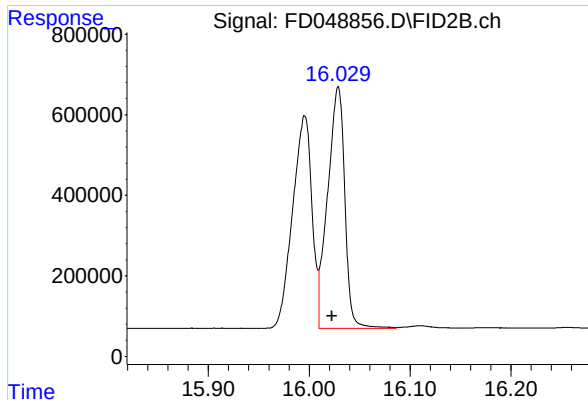
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: 0.006 min
Response: 7395600
Conc: 42.26 ug/ml



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

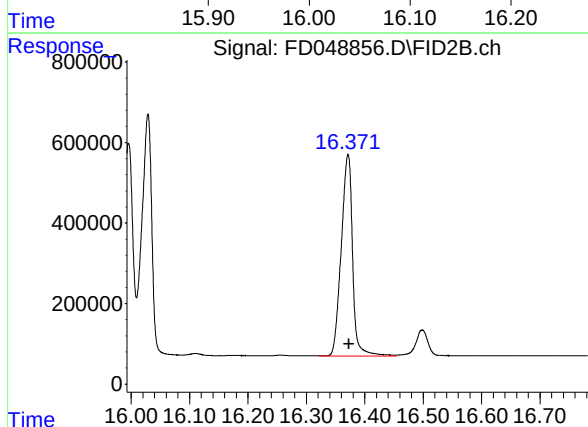
R.T.: 15.995 min
Delta R.T.: 0.005 min
Response: 7039393
Conc: 44.80 ug/ml



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

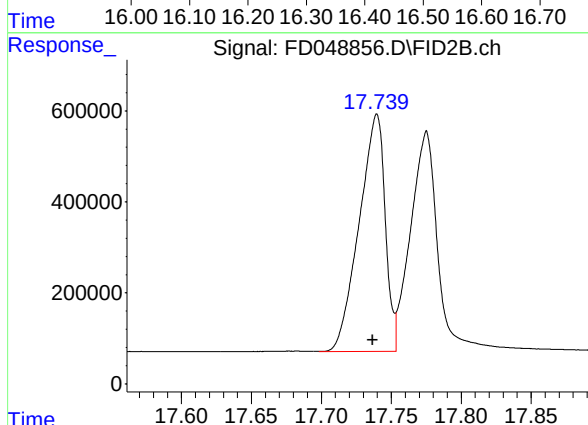
R.T.: 16.028 min
Delta R.T.: 0.006 min
Response: 7093061
Conc: 43.46 ug/ml

Instrument :
FID_D
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PB165500BSD



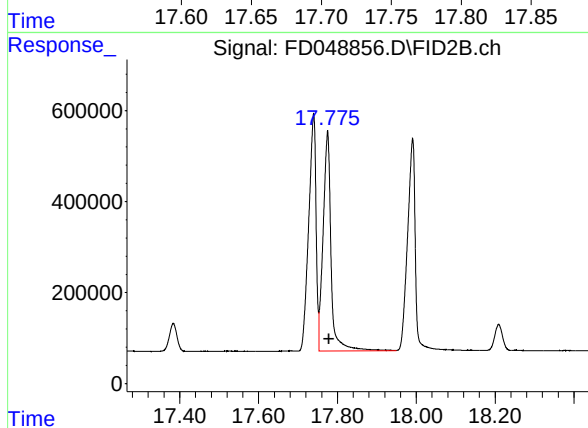
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.002 min
Response: 6754899
Conc: 45.31 ug/ml



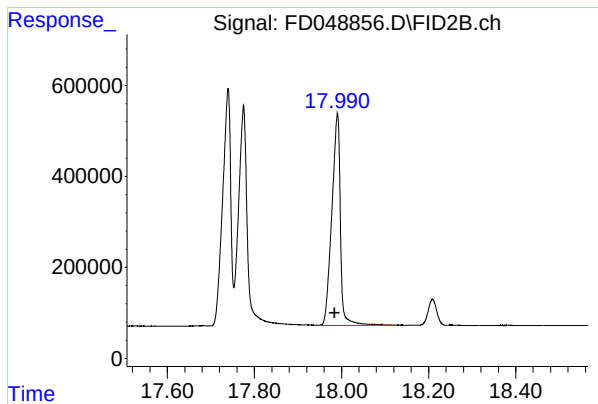
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: 0.002 min
Response: 6753984
Conc: 54.67 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.004 min
Response: 6809561
Conc: 43.42 ug/ml



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

R.T.: 17.990 min

Delta R.T.: 0.006 min

Response: 6421801

Conc: 45.01 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165500BSD