

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021225AR\
 Data File : FD049084.D
 Signal(s) : FID2B.ch
 Acq On : 12 Feb 2025 12:15
 Operator : YP/AJ
 Sample : PB166689BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166689BS

Integration File: autoint1.e
 Quant Time: Feb 13 01:17:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.352	7834201	54.743 ug/ml
Spiked Amount 50.000		Recovery =	109.49%
6) S 2-Fluorobiphenyl (SURR)	8.202	4317360	49.110 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.22%
11) S ortho-Terphenyl (SURR)	11.236	7768828	48.023 ug/ml
Spiked Amount 50.000		Recovery =	96.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	4605379	28.919 ug/ml
2) T Naphthalene (C11.7)	5.692	5412352	34.085 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	5494854	35.293 ug/ml
5) T Acenaphthylene (C15.06)	8.004	6841150	42.072 ug/ml
7) T Acenaphthene (C15.5)	8.299	7126969	43.323 ug/ml
8) T Fluorene (C16.55)	9.078	7523105	47.721 ug/ml
9) T Phenanthrene (C19.36)	10.465	7652048	50.776 ug/ml
10) T Anthracene (C19.43)	10.541	7755191	51.349 ug/ml
12) T Fluoranthene (C21.85)	12.269	7850412	50.873 ug/ml
13) T Pyrene (C20.8)	12.563	7653038	49.676 ug/ml
14) T Benzo[a]anthracene (C...	14.433	7219670	54.948 ug/ml
15) T Chrysene (C27.41)	14.474	7172025	44.358 ug/ml
16) T benzo[b]fluoranthene ...	15.981	7154589	51.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	7250363	45.905 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	6951978	51.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.726	6797837	62.207 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	6965279	44.897 ug/ml
21) T Benzo[g,h,i]perylene ...	17.976	6863122	47.348 ug/ml

(f)=RT Delta > 1/2 Window

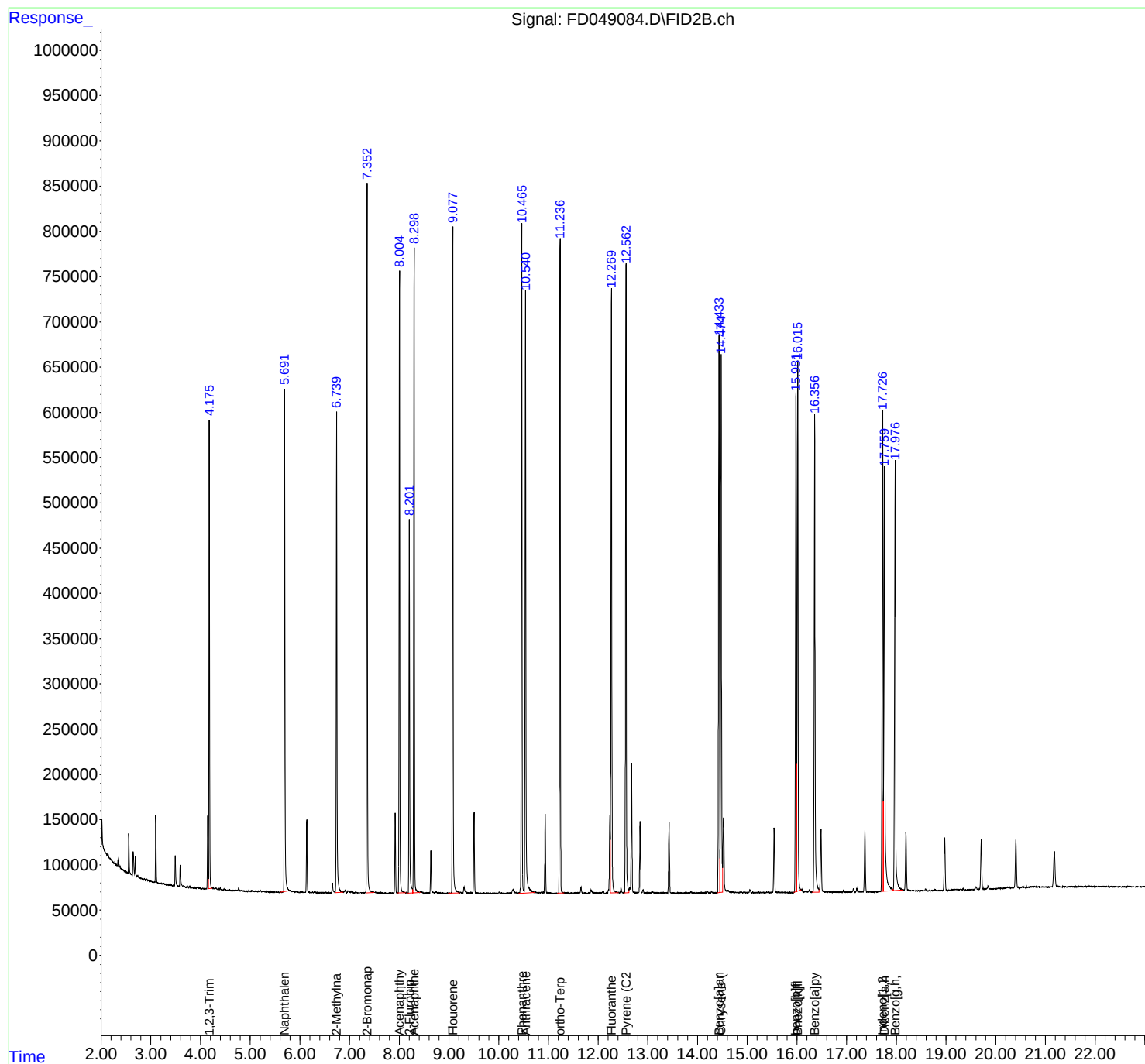
(m)=manual int.

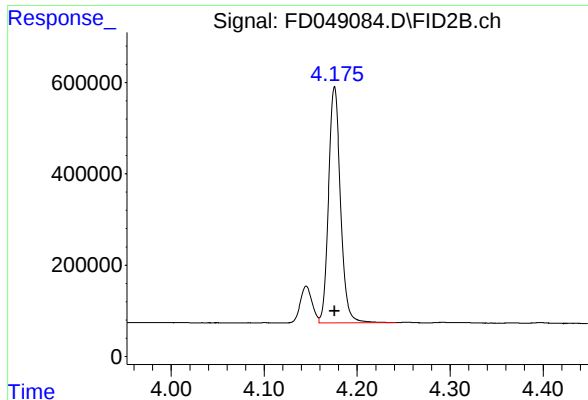
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Signal Info : 20M x 0.18mm x 0.18µm

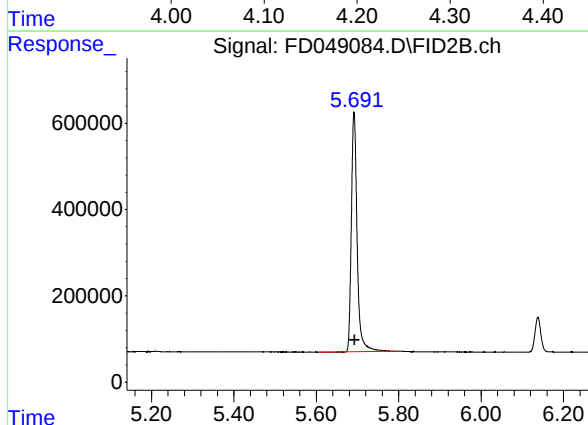




#1 1,2,3-Trimethylbenzene (C10.1)

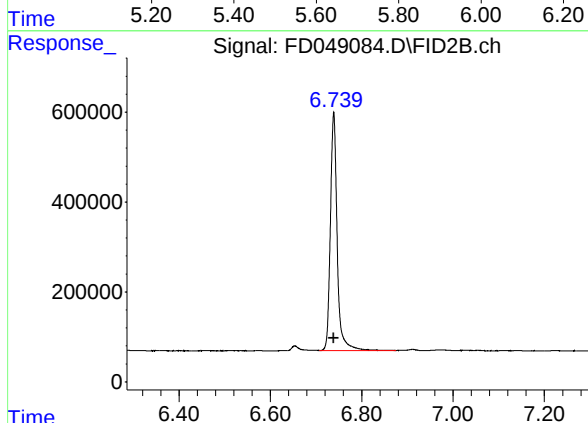
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 4605379
Conc: 28.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166689BS



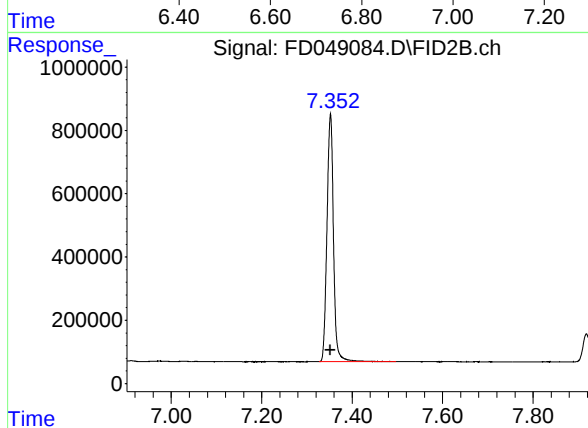
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 5412352
Conc: 34.09 ug/ml



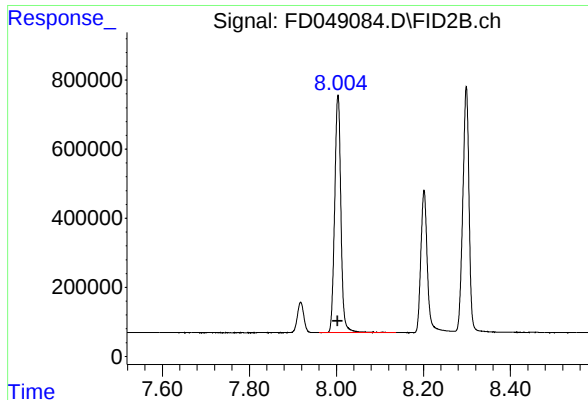
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 5494854
Conc: 35.29 ug/ml



#4 2-Bromonaphthalene (SURR)

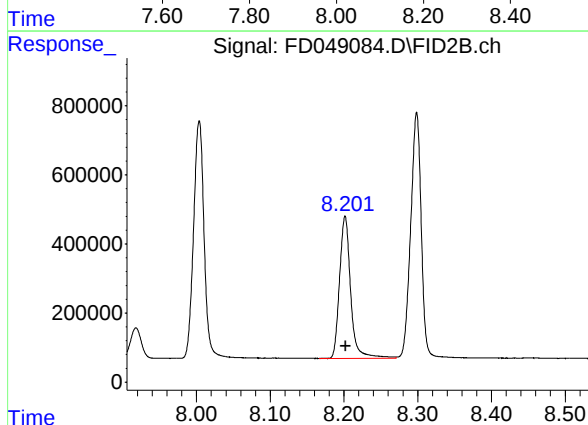
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 7834201
Conc: 54.74 ug/ml



#5 Acenaphthylene (C15.06)

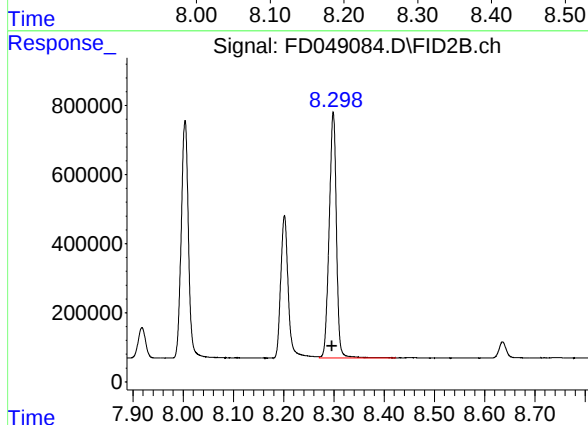
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 6841150
Conc: 42.07 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166689BS



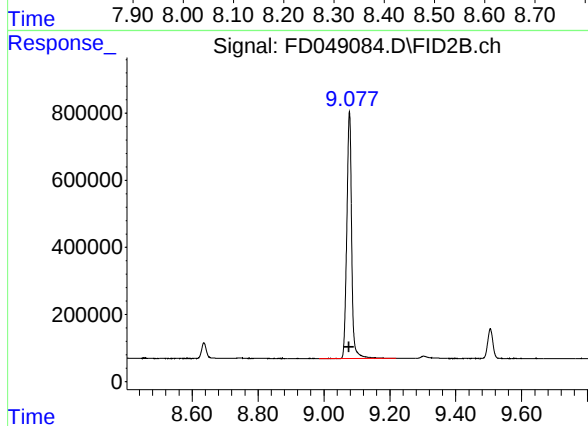
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 4317360
Conc: 49.11 ug/ml



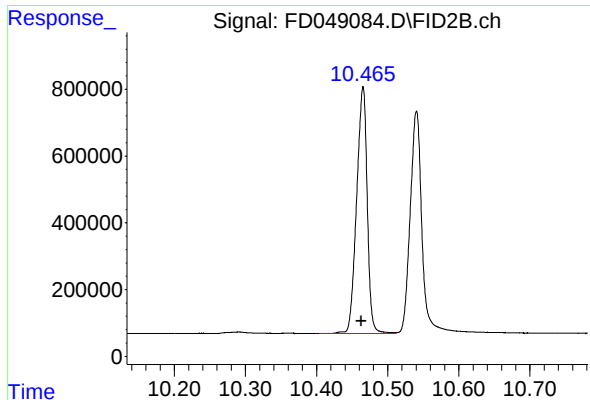
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 7126969
Conc: 43.32 ug/ml



#8 Flouorene (C16.55)

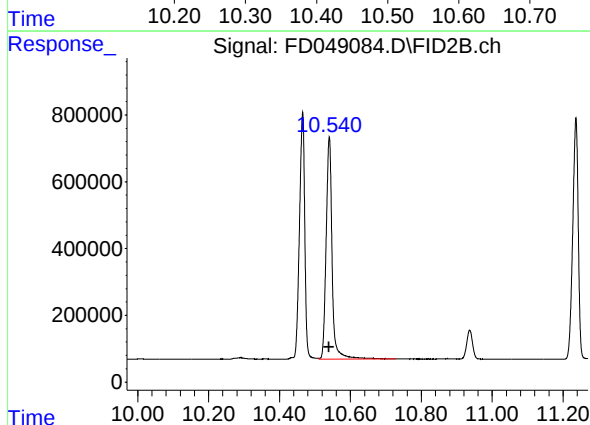
R.T.: 9.078 min
Delta R.T.: 0.001 min
Response: 7523105
Conc: 47.72 ug/ml



#9 Phenanthrene (C19.36)

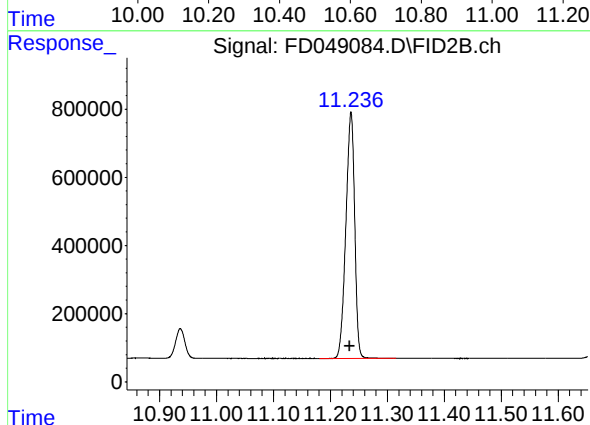
R.T.: 10.465 min
Delta R.T.: 0.003 min
Response: 7652048
Conc: 50.78 ug/ml

Instrument :
FID_D
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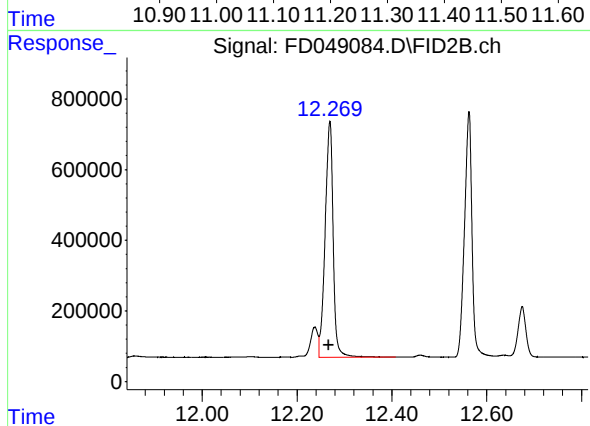
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.001 min
Response: 7755191
Conc: 51.35 ug/ml



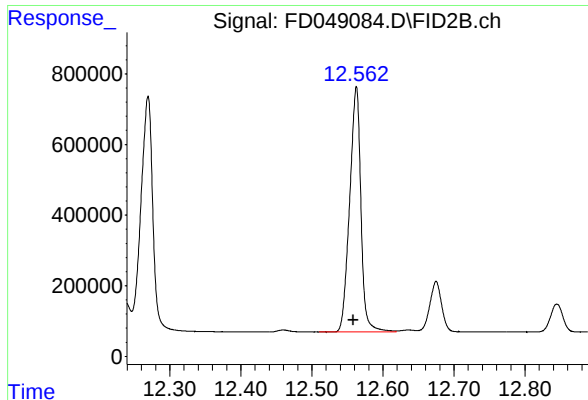
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.003 min
Response: 7768828
Conc: 48.02 ug/ml



#12 Fluoranthene (C21.85)

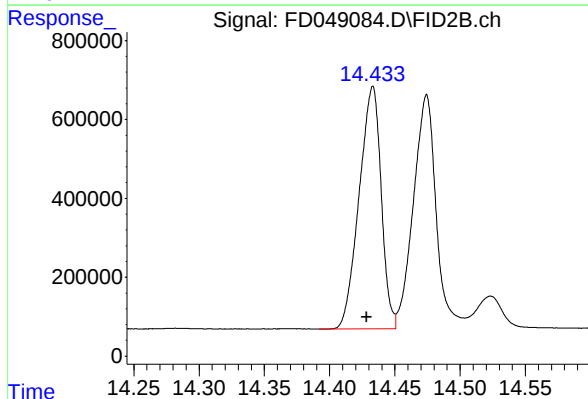
R.T.: 12.269 min
Delta R.T.: 0.002 min
Response: 7850412
Conc: 50.87 ug/ml



#13 Pyrene (C20.8)

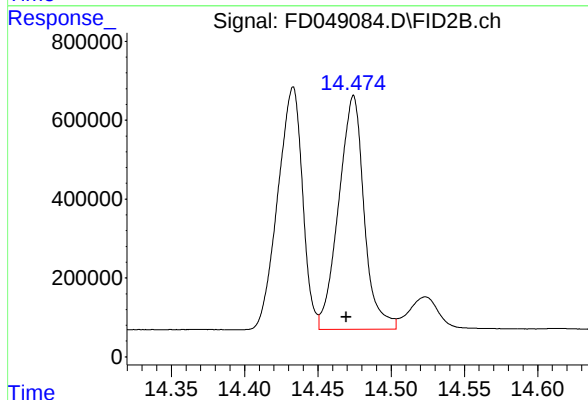
R.T.: 12.563 min
Delta R.T.: 0.004 min
Response: 7653038
Conc: 49.68 ug/ml

Instrument :
FID_D
ClientSampleId :
PB166689BS



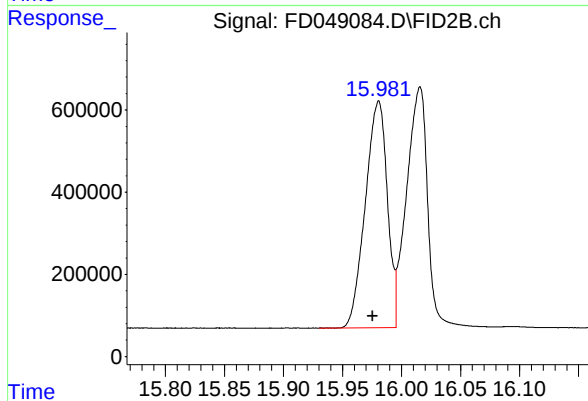
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: 0.004 min
Response: 7219670
Conc: 54.95 ug/ml



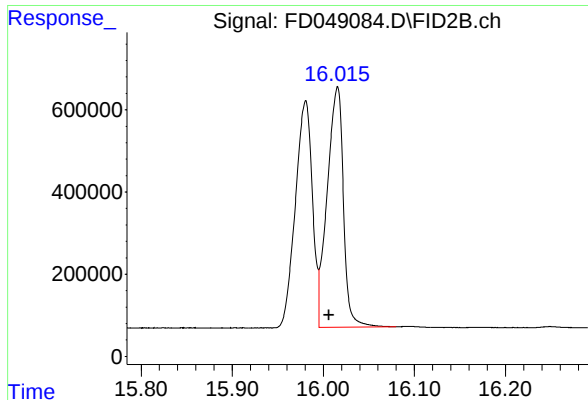
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: 0.005 min
Response: 7172025
Conc: 44.36 ug/ml



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

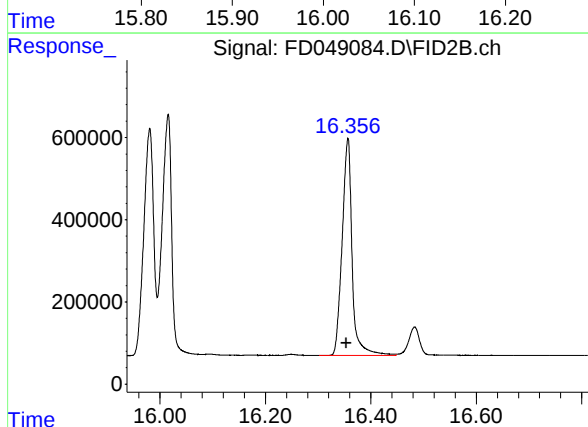
R.T.: 15.981 min
Delta R.T.: 0.005 min
Response: 7154589
Conc: 52.00 ug/ml



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

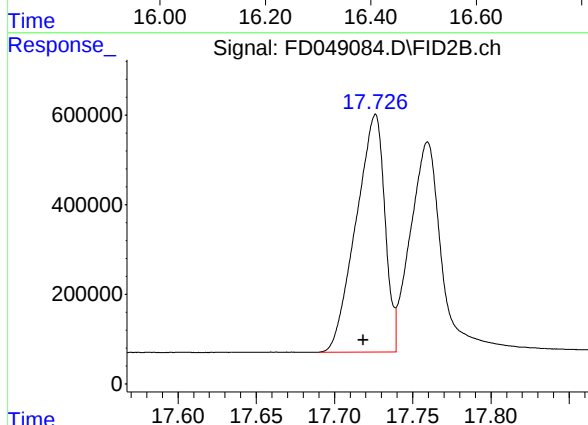
R.T.: 16.016 min
Delta R.T.: 0.009 min
Response: 7250363
Conc: 45.91 ug/ml

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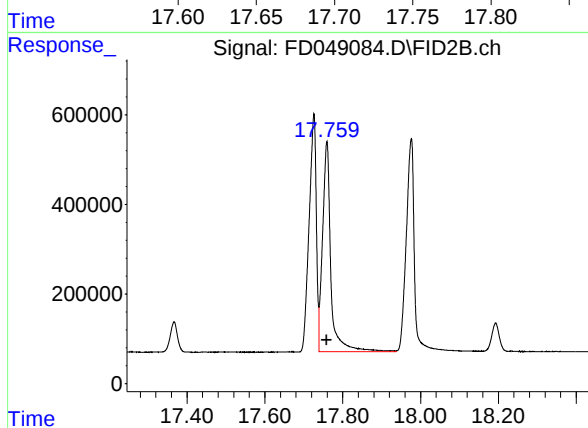
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: 0.003 min
Response: 6951978
Conc: 51.22 ug/ml



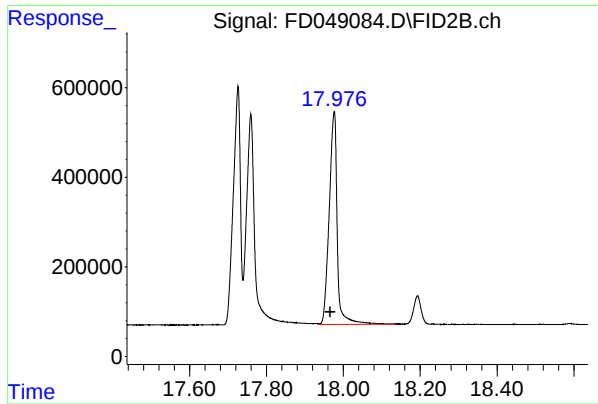
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.726 min
Delta R.T.: 0.008 min
Response: 6797837
Conc: 62.21 ug/ml



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

R.T.: 17.759 min
Delta R.T.: 0.000 min
Response: 6965279
Conc: 44.90 ug/ml



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

R.T.: 17.976 min

Delta R.T.: 0.010 min

Response: 6863122

Conc: 47.35 ug/ml

Instrument :

FID_D

ClientSampleId :

PB166689BS