

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041825AR\
 Data File : FD049286.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2025 13:06
 Operator : YP/AJ
 Sample : PB167648BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167648BS

Integration File: autoint1.e
 Quant Time: Apr 18 22:56:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.745	8800743	59.411 ug/ml
Spiked Amount 50.000		Recovery =	118.82%
6) S 2-Fluorobiphenyl (SURR)	8.612	6259970	61.371 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.74%
11) S ortho-Terphenyl (SURR)	11.655	9882711	56.093 ug/ml
Spiked Amount 50.000		Recovery =	112.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.536	5055474	33.737 ug/ml
2) T Naphthalene (C11.7)	6.080	6124827	37.407 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	6209262	38.388 ug/ml
5) T Acenaphthylene (C15.06)	8.414	7838267	44.374 ug/ml
7) T Acenaphthene (C15.5)	8.711	8404119	48.780 ug/ml
8) T Fluorene (C16.55)	9.492	9035735	51.816 ug/ml
9) T Phenanthrene (C19.36)	10.892	9811758	57.174 ug/ml
10) T Anthracene (C19.43)	10.968	9614059	61.199 ug/ml
12) T Fluoranthene (C21.85)	12.707	10043604	59.419 ug/ml
13) T Pyrene (C20.8)	13.006	10008828	59.677 ug/ml
14) T Benzo[a]anthracene (C...	14.876	9015391	62.718 ug/ml
15) T Chrysene (C27.41)	14.922	9705478	67.262 ug/ml
16) T benzo[b]fluoranthene ...	16.428	8459106	60.803 ug/ml
17) T Bnezo[k]fluoranthene ...	16.464	8286998	60.592 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.808	7896255	60.724 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.174	7973552	64.680 ug/ml
20) T Dibenz[a,h]anthracene...	18.213	7413022	58.626 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	7402911	56.706 ug/ml

(f)=RT Delta > 1/2 Window

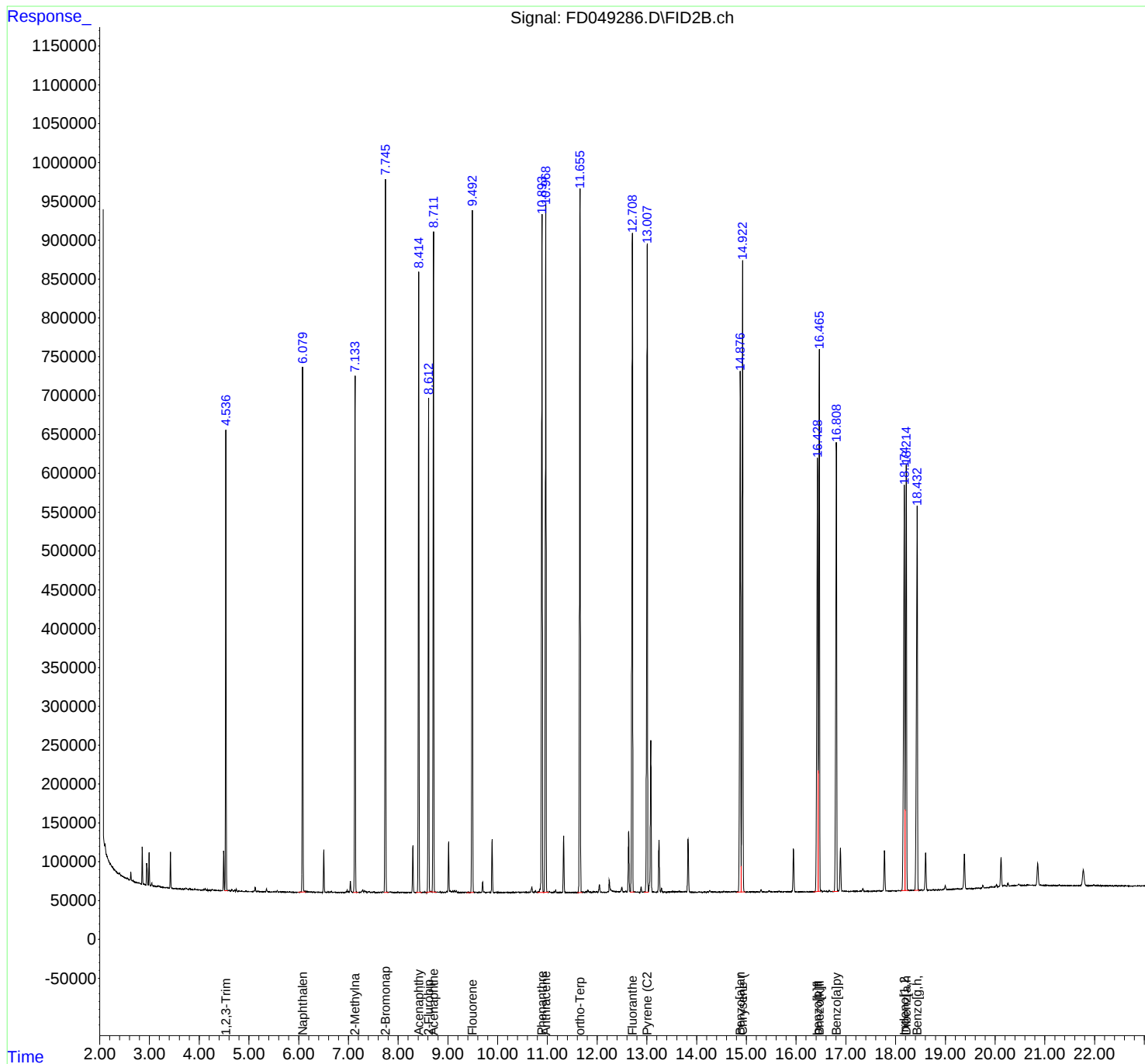
(m)=manual int.

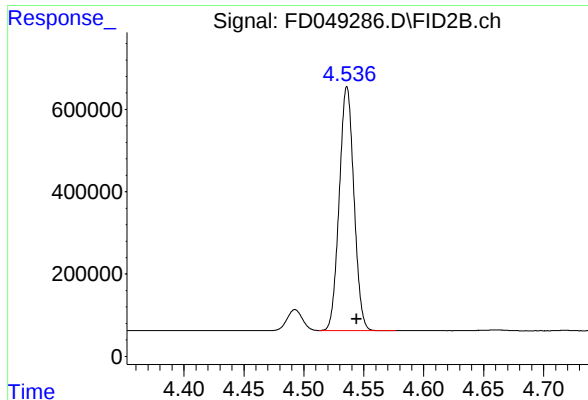
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Signal Info : 20M x 0.18mm x 0.18µm

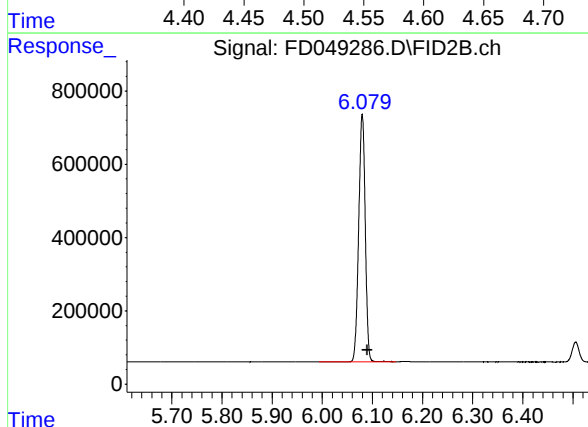




#1 1,2,3-Trimethylbenzene (C10.1)

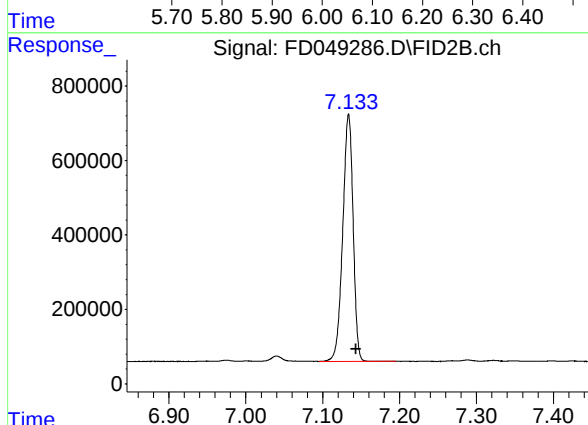
R.T.: 4.536 min
Delta R.T.: -0.008 min
Response: 5055474
Conc: 33.74 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167648BS



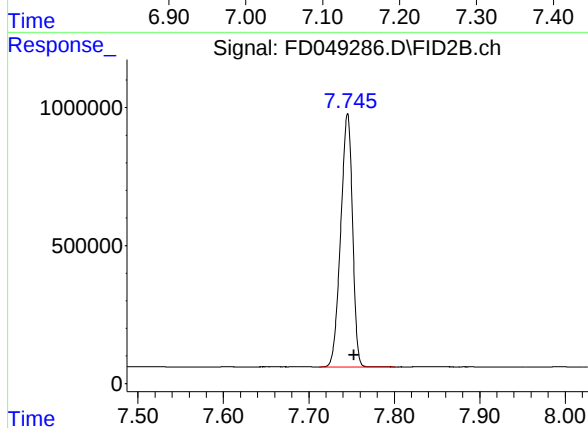
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.010 min
Response: 6124827
Conc: 37.41 ug/ml



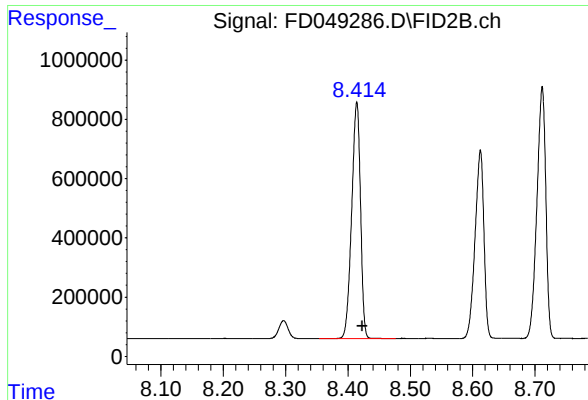
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.010 min
Response: 6209262
Conc: 38.39 ug/ml



#4 2-Bromonaphthalene (SURR)

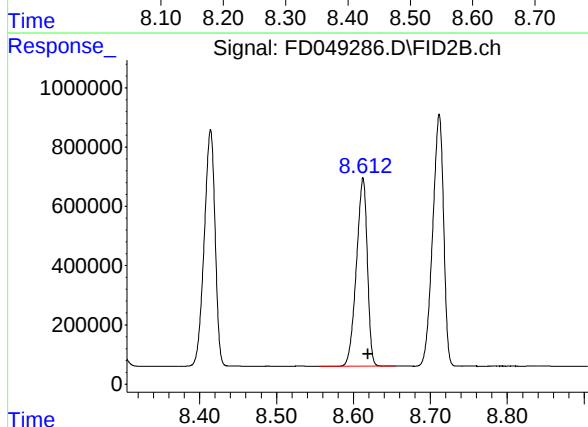
R.T.: 7.745 min
Delta R.T.: -0.008 min
Response: 8800743
Conc: 59.41 ug/ml



#5 Acenaphthylene (C15.06)

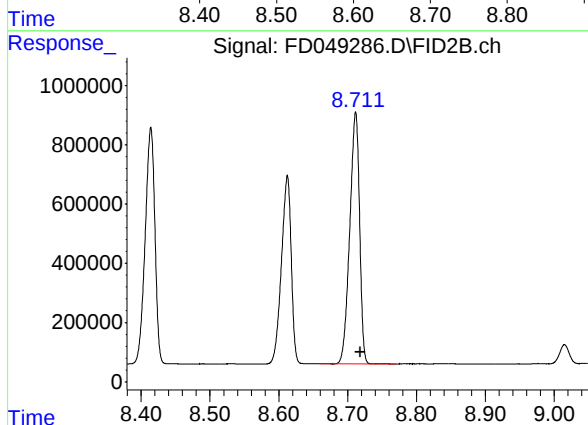
R.T.: 8.414 min
Delta R.T.: -0.009 min
Response: 7838267
Conc: 44.37 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167648BS



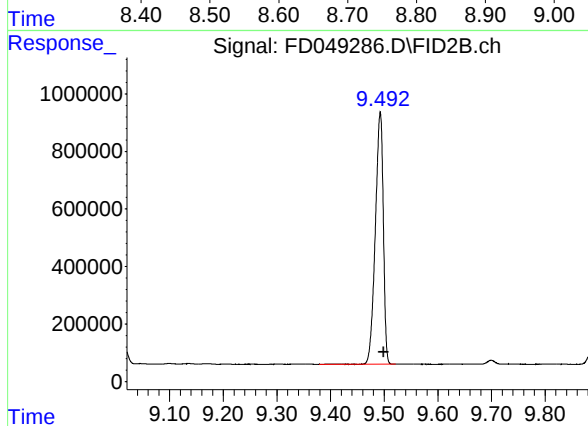
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: -0.007 min
Response: 6259970
Conc: 61.37 ug/ml



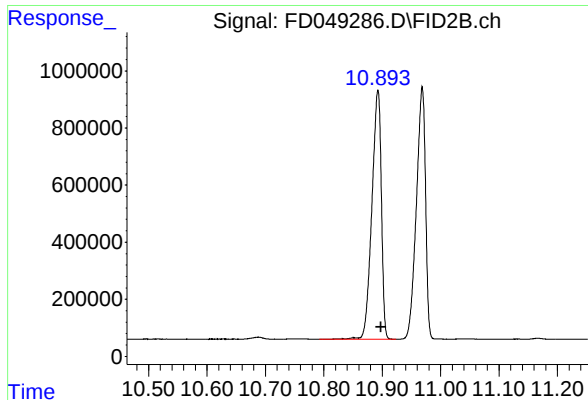
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: -0.007 min
Response: 8404119
Conc: 48.78 ug/ml



#8 Fluorene (C16.55)

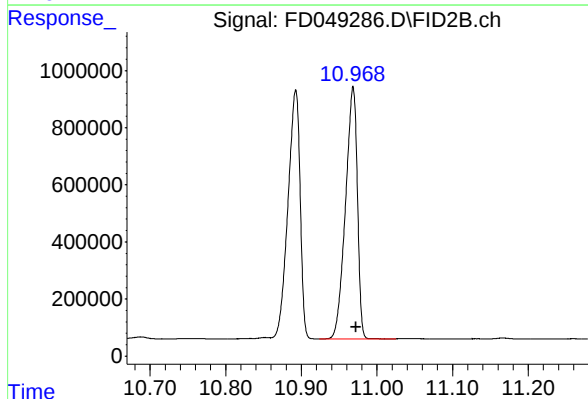
R.T.: 9.492 min
Delta R.T.: -0.007 min
Response: 9035735
Conc: 51.82 ug/ml



#9 Phenanthrene (C19.36)

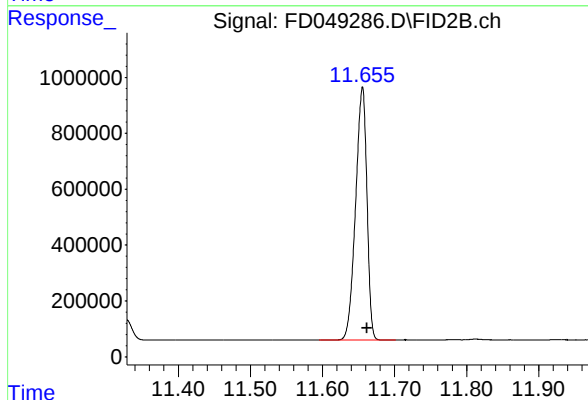
R.T.: 10.892 min
Delta R.T.: -0.006 min
Response: 9811758
Conc: 57.17 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167648BS



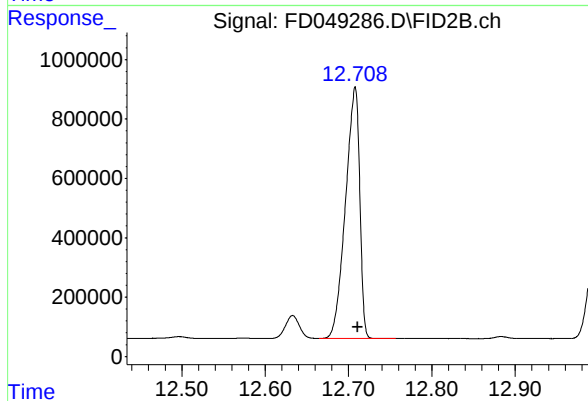
#10 Anthracene (C19.43)

R.T.: 10.968 min
Delta R.T.: -0.004 min
Response: 9614059
Conc: 61.20 ug/ml



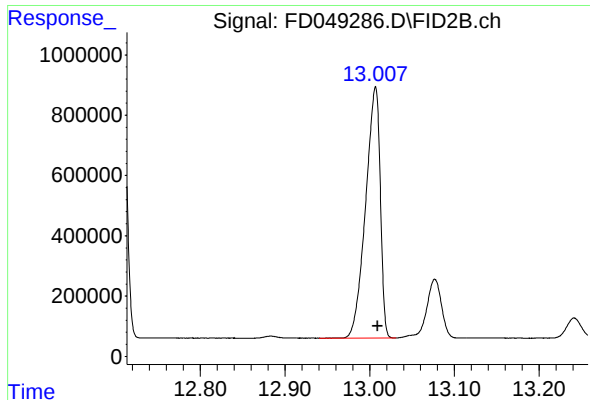
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 9882711
Conc: 56.09 ug/ml



#12 Fluoranthene (C21.85)

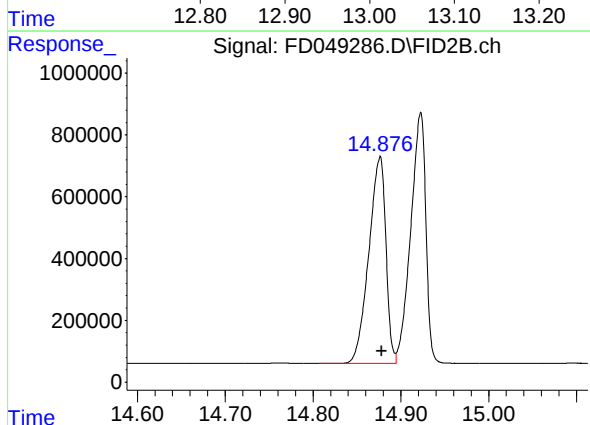
R.T.: 12.707 min
Delta R.T.: -0.004 min
Response: 10043604
Conc: 59.42 ug/ml



#13 Pyrene (C20.8)

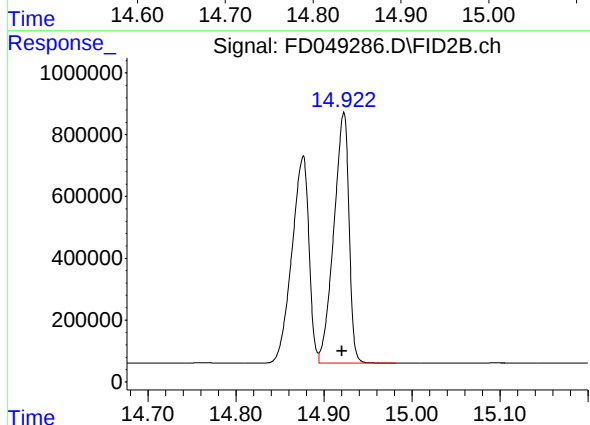
R.T.: 13.006 min
Delta R.T.: -0.003 min
Response: 10008828
Conc: 59.68 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167648BS



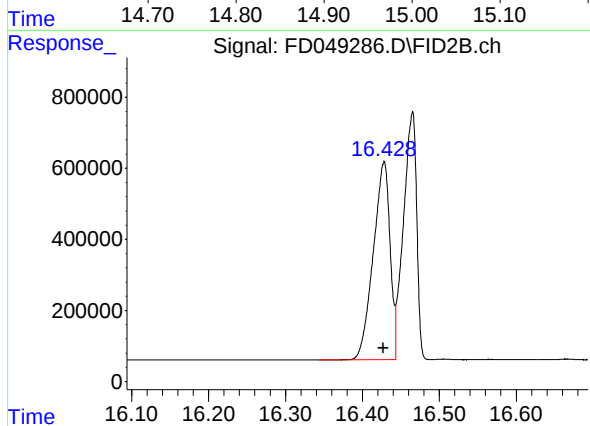
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.876 min
Delta R.T.: -0.002 min
Response: 9015391
Conc: 62.72 ug/ml



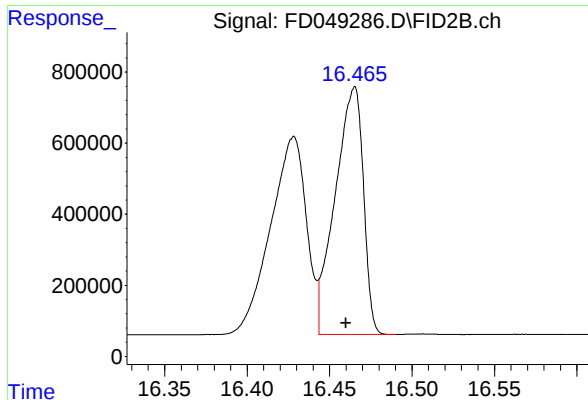
#15 Chrysene (C27.41)

R.T.: 14.922 min
Delta R.T.: 0.001 min
Response: 9705478
Conc: 67.26 ug/ml



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

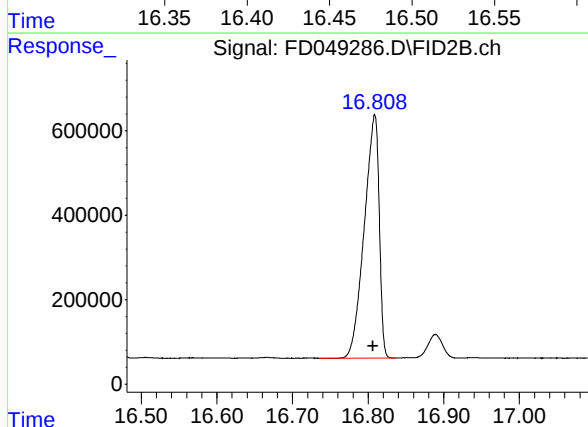
R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 8459106
Conc: 60.80 ug/ml



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

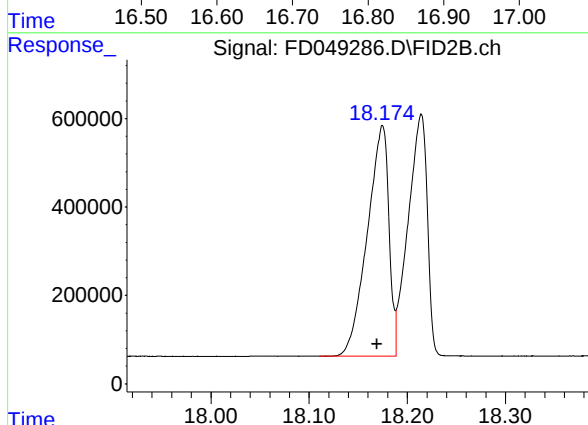
R.T.: 16.464 min
Delta R.T.: 0.004 min
Response: 8286998
Conc: 60.59 ug/ml

Instrument :
FID_D
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PB167648BS



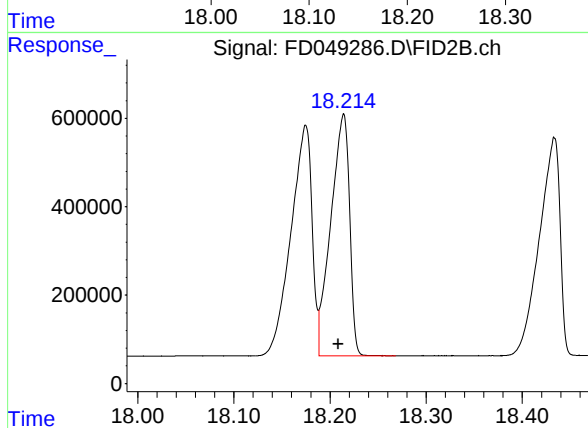
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.808 min
Delta R.T.: 0.002 min
Response: 7896255
Conc: 60.72 ug/ml



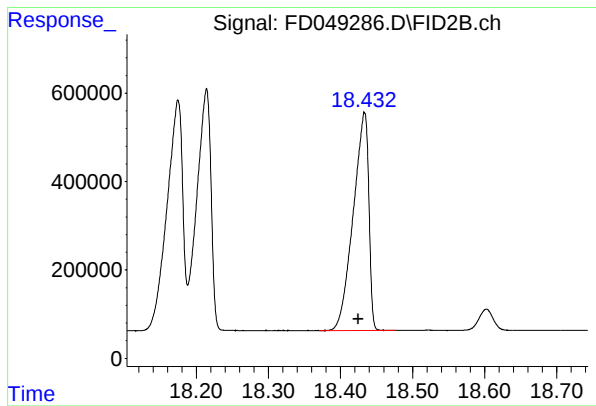
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.174 min
Delta R.T.: 0.005 min
Response: 7973552
Conc: 64.68 ug/ml



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

R.T.: 18.213 min
Delta R.T.: 0.005 min
Response: 7413022
Conc: 58.63 ug/ml



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

R.T.: 18.433 min
Delta R.T.: 0.008 min
Response: 7402911
Conc: 56.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167648BS