

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052225AR\
 Data File : FD049377.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2025 17:43
 Operator : YP/AJ
 Sample : PB168132BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168132BSD

Integration File: autoint1.e
 Quant Time: May 23 04:32:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.739	7563998	63.794 ug/ml
Spiked Amount 50.000		Recovery =	127.59%
6) S 2-Fluorobiphenyl (SURR)	8.606	5318580	67.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	134.69%#
11) S ortho-Terphenyl (SURR)	11.652	8152107	59.064 ug/ml
Spiked Amount 50.000		Recovery =	118.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4424947	35.440 ug/ml
2) T Naphthalene (C11.7)	6.073	5310912	40.172 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	5283971	40.960 ug/ml
5) T Acenaphthylene (C15.06)	8.408	6337088	44.891 ug/ml
7) T Acenaphthene (C15.5)	8.705	6417977	46.842 ug/ml
8) T Fluorene (C16.55)	9.487	6877987	50.531 ug/ml
9) T Phenanthrene (C19.36)	10.886	7106466	52.710 ug/ml
10) T Anthracene (C19.43)	10.962	6955408	58.810 ug/ml
12) T Fluoranthene (C21.85)	12.702	7083524	52.562 ug/ml
13) T Pyrene (C20.8)	13.001	7004496	51.780 ug/ml
14) T Benzo[a]anthracene (C...	14.872	6337735	55.330 ug/ml
15) T Chrysene (C27.41)	14.917	7200666	61.695 ug/ml
16) T benzo[b]fluoranthene ...	16.424	6089788	50.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.460	6047135	50.704 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.805	5798756	50.431 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.171	5964725	54.352 ug/ml
20) T Dibenz[a,h]anthracene...	18.210	5622270	53.234 ug/ml
21) T Benzo[g,h,i]perylene ...	18.428	5572704	46.763 ug/ml

(f)=RT Delta > 1/2 Window

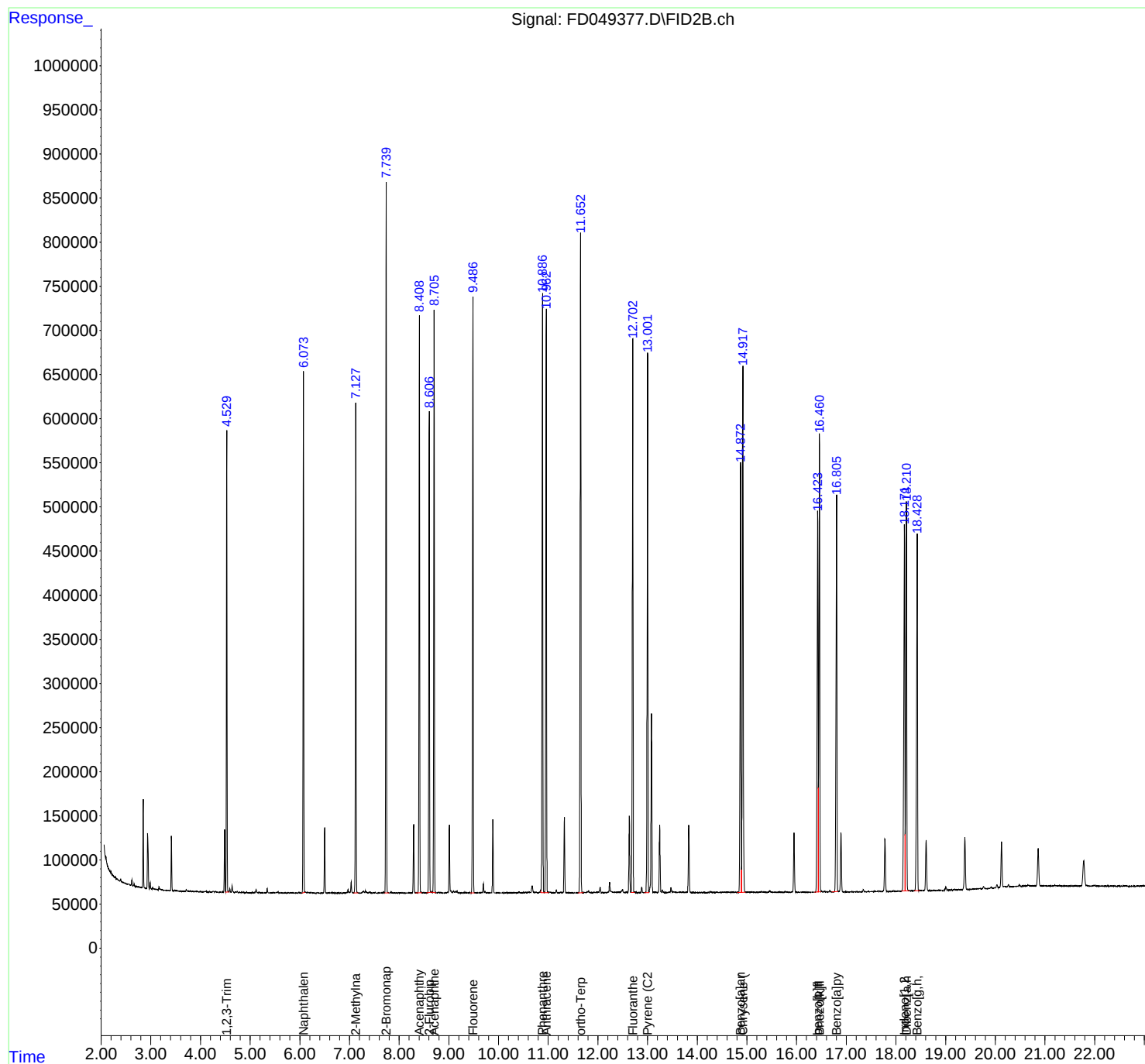
(m)=manual int.

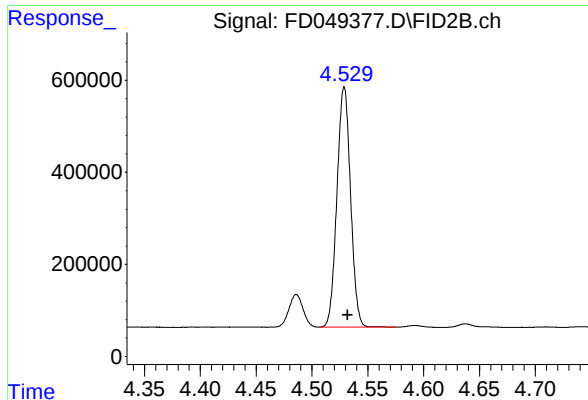
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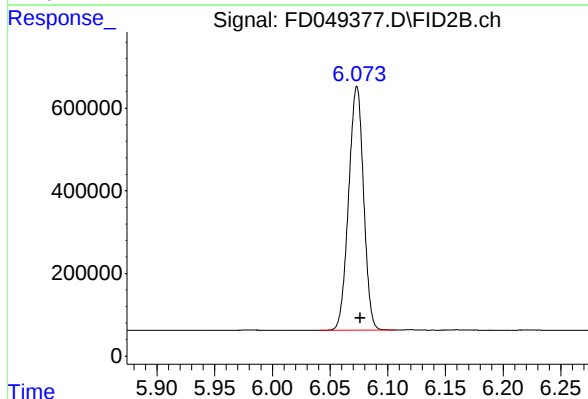




#1 1,2,3-Trimethylbenzene (C10.1)

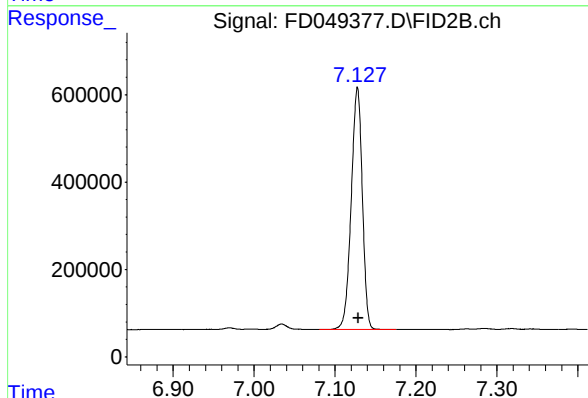
R.T.: 4.529 min
Delta R.T.: -0.003 min
Response: 4424947
Conc: 35.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168132BSD



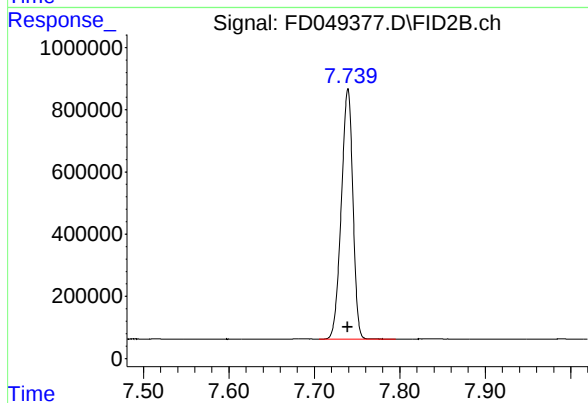
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 5310912
Conc: 40.17 ug/ml



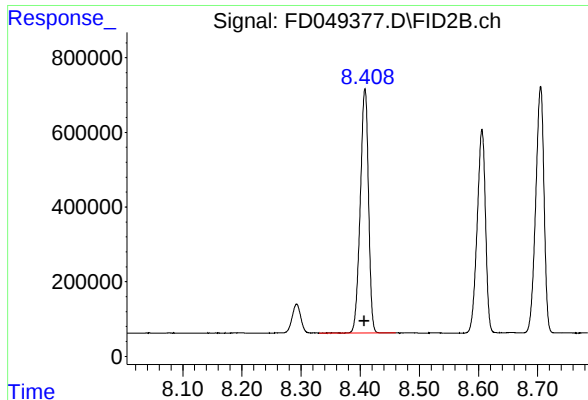
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 5283971
Conc: 40.96 ug/ml



#4 2-Bromonaphthalene (SURR)

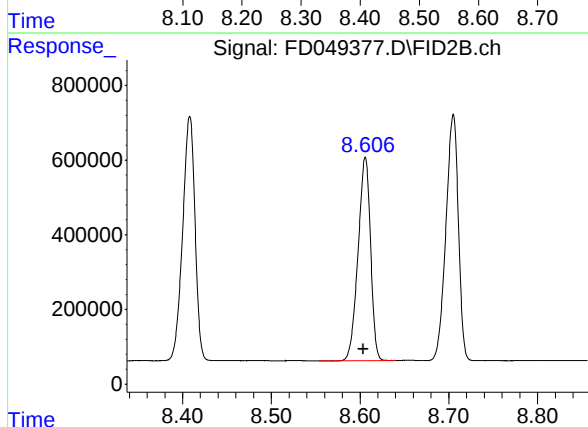
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 7563998
Conc: 63.79 ug/ml



#5 Acenaphthylene (C15.06)

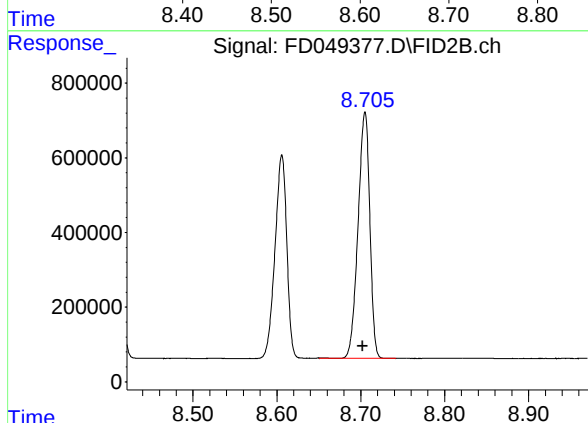
R.T.: 8.408 min
Delta R.T.: 0.001 min
Response: 6337088
Conc: 44.89 ug/ml

Instrument :
FID_D
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PB168132BSD



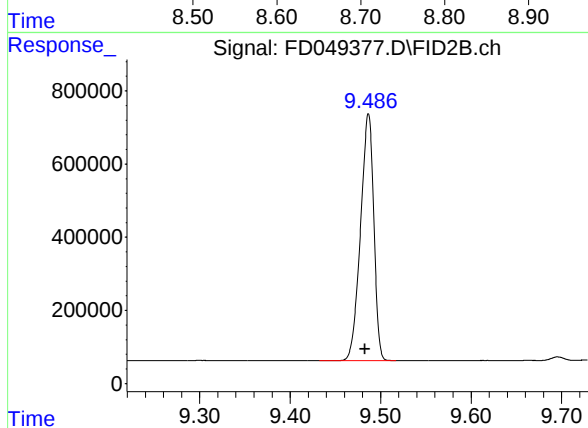
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.606 min
Delta R.T.: 0.002 min
Response: 5318580
Conc: 67.35 ug/ml



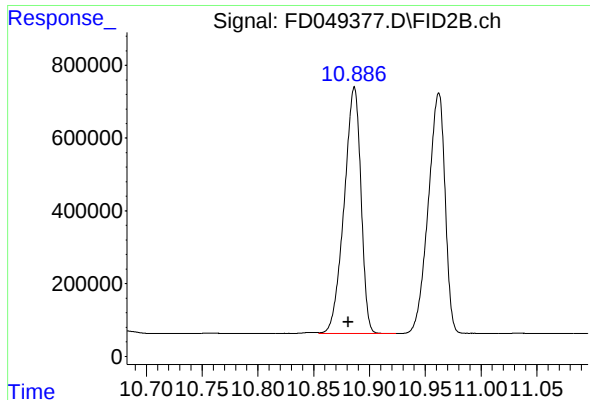
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: 0.003 min
Response: 6417977
Conc: 46.84 ug/ml



#8 Flouorene (C16.55)

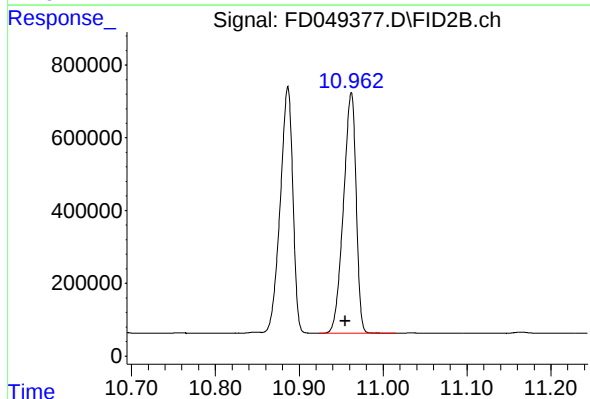
R.T.: 9.487 min
Delta R.T.: 0.004 min
Response: 6877987
Conc: 50.53 ug/ml



#9 Phenanthrene (C19.36)

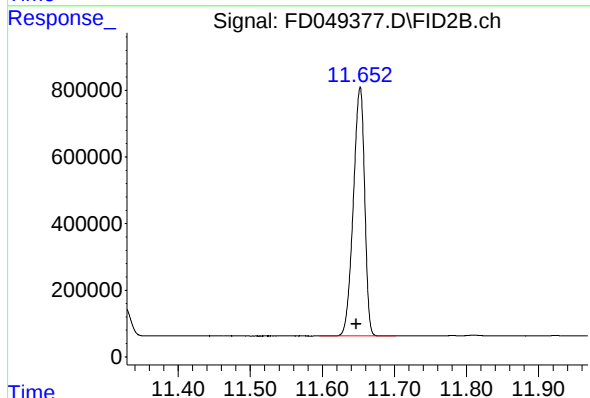
R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 7106466
Conc: 52.71 ug/ml

Instrument :
FID_D
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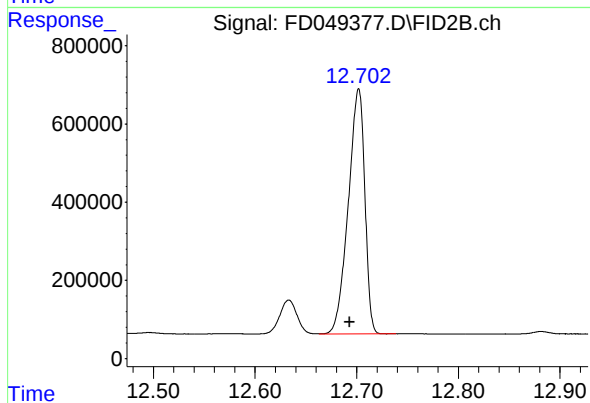
#10 Anthracene (C19.43)

R.T.: 10.962 min
Delta R.T.: 0.007 min
Response: 6955408
Conc: 58.81 ug/ml



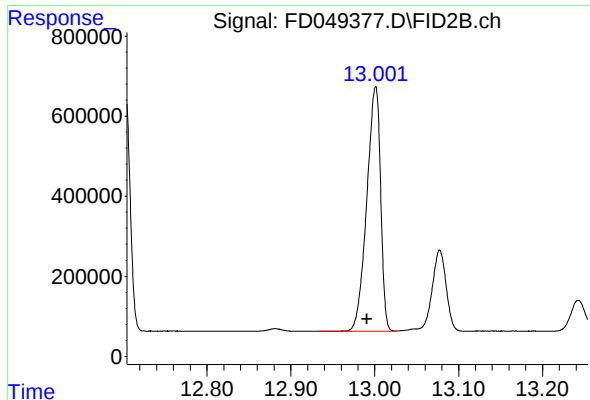
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.005 min
Response: 8152107
Conc: 59.06 ug/ml



#12 Fluoranthene (C21.85)

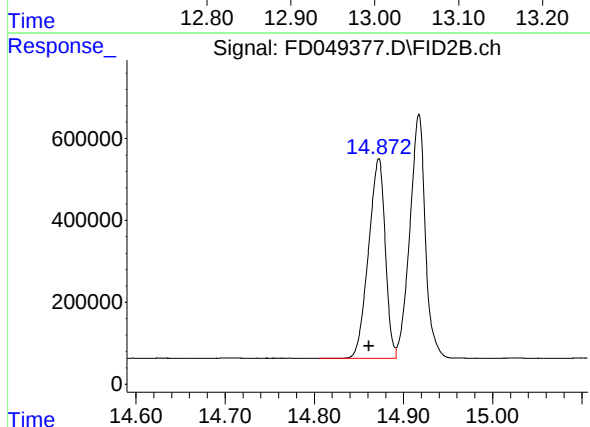
R.T.: 12.702 min
Delta R.T.: 0.009 min
Response: 7083524
Conc: 52.56 ug/ml



#13 Pyrene (C20.8)

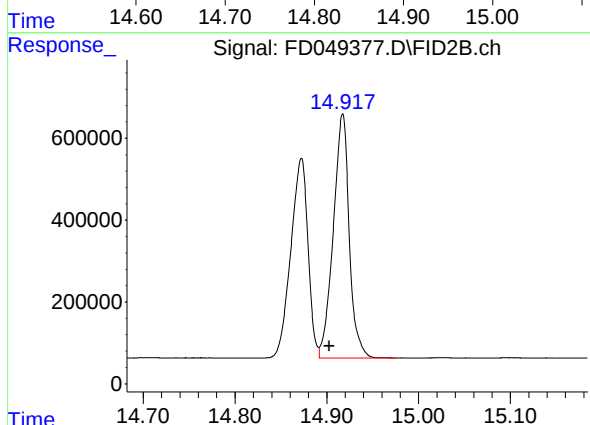
R.T.: 13.001 min
Delta R.T.: 0.010 min
Response: 7004496
Conc: 51.78 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168132BSD



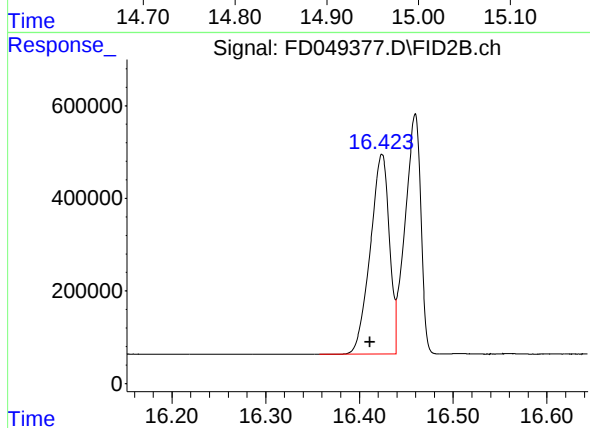
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.011 min
Response: 6337735
Conc: 55.33 ug/ml



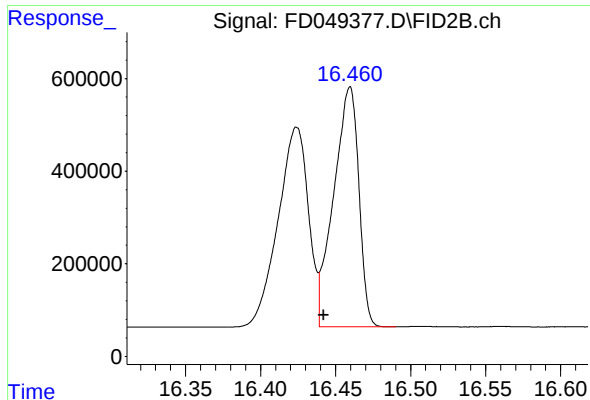
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: 0.015 min
Response: 7200666
Conc: 61.70 ug/ml



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

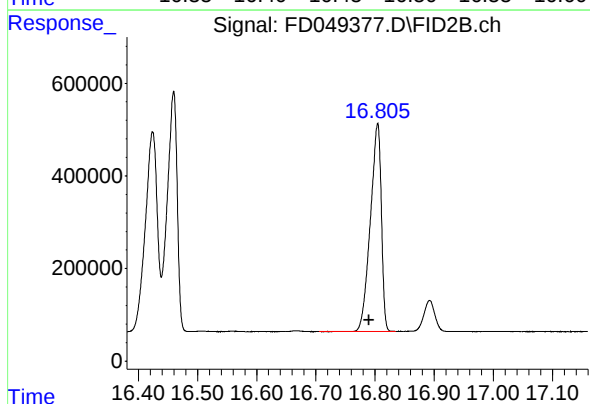
R.T.: 16.424 min
Delta R.T.: 0.013 min
Response: 6089788
Conc: 50.17 ug/ml



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

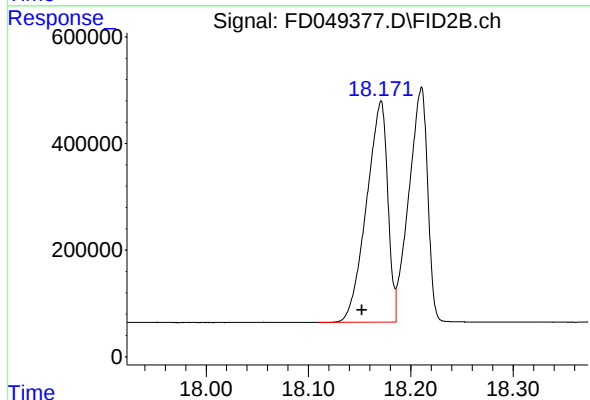
R.T.: 16.460 min
Delta R.T.: 0.017 min
Response: 6047135
Conc: 50.70 ug/ml

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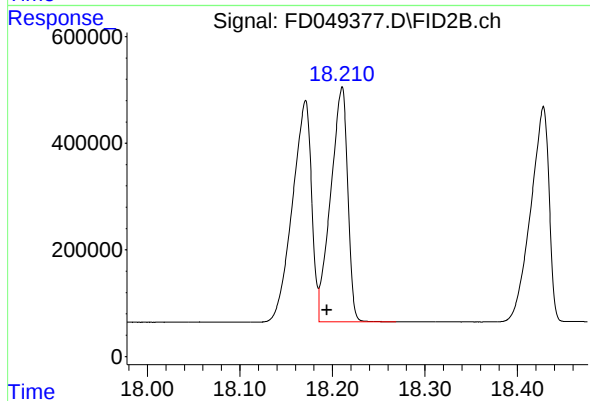
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.805 min
Delta R.T.: 0.015 min
Response: 5798756
Conc: 50.43 ug/ml



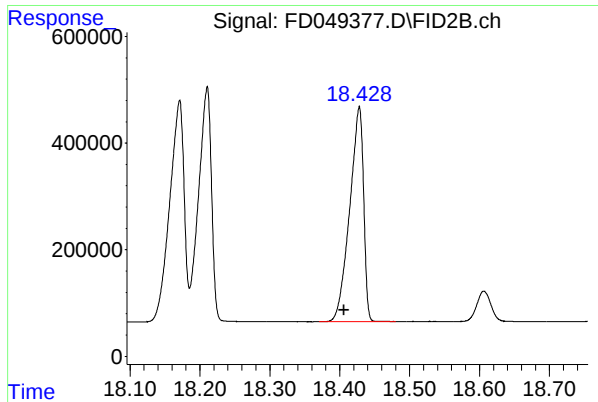
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.171 min
Delta R.T.: 0.019 min
Response: 5964725
Conc: 54.35 ug/ml



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

R.T.: 18.210 min
Delta R.T.: 0.016 min
Response: 5622270
Conc: 53.23 ug/ml



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

R.T.: 18.428 min
Delta R.T.: 0.022 min
Response: 5572704
Conc: 46.76 ug/ml

Instrument :

FID_D

ClientSampleId :

PB168132BSD