

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049276.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 19:07
 Operator : YP/AJ
 Sample : Q1746-01MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-149-SB01MS

Integration File: autoint1.e
 Quant Time: Apr 11 01:05:02 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...	7.750	5519783	37.262 ug/ml
Spiked Amount 50.000		Recovery =	74.52%
6) S 2-Fluorobiphenyl (SURR)	8.615	3189374	31.268 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.54%
11) S ortho-Terphenyl (SURR)	11.658	5506873	31.256 ug/ml
Spiked Amount 50.000		Recovery =	62.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	2233228	14.903 ug/ml
2) T Naphthalene (C11.7)	6.086	3179791	19.420 ug/ml
3) T 2-Methylnaphthalene (...)	7.139	3544934	21.916 ug/ml
5) T Acenaphthylene (C15.06)	8.419	5104656	28.899 ug/ml
7) T Acenaphthene (C15.5)	8.715	5084253	29.511 ug/ml
8) T Fluorene (C16.55)	9.496	5959872	34.177 ug/ml
9) T Phenanthrene (C19.36)	10.895	6459746	37.641 ug/ml
10) T Anthracene (C19.43)	10.970	6192020	39.415 ug/ml
12) T Fluoranthene (C21.85)	12.709	6940271	41.060 ug/ml
13) T Pyrene (C20.8)	13.008	6682851	39.846 ug/ml
14) T Benzo[a]anthracene (C...	14.877	6258466	43.539 ug/ml
15) T Chrysene (C27.41)	14.922	6789279	47.052 ug/ml
16) T benzo[b]fluoranthene ...	16.428	6006098	43.171 ug/ml
17) T Bnezo[k]fluoranthene ...	16.463	5846624	42.749 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.809	5592066	43.004 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.174	5965719	48.393 ug/ml
20) T Dibenz[a,h]anthracene...	18.213	5470332	43.262 ug/ml
21) T Benzo[g,h,i]perylene ...	18.432	5548772	42.503 ug/ml

(f)=RT Delta > 1/2 Window

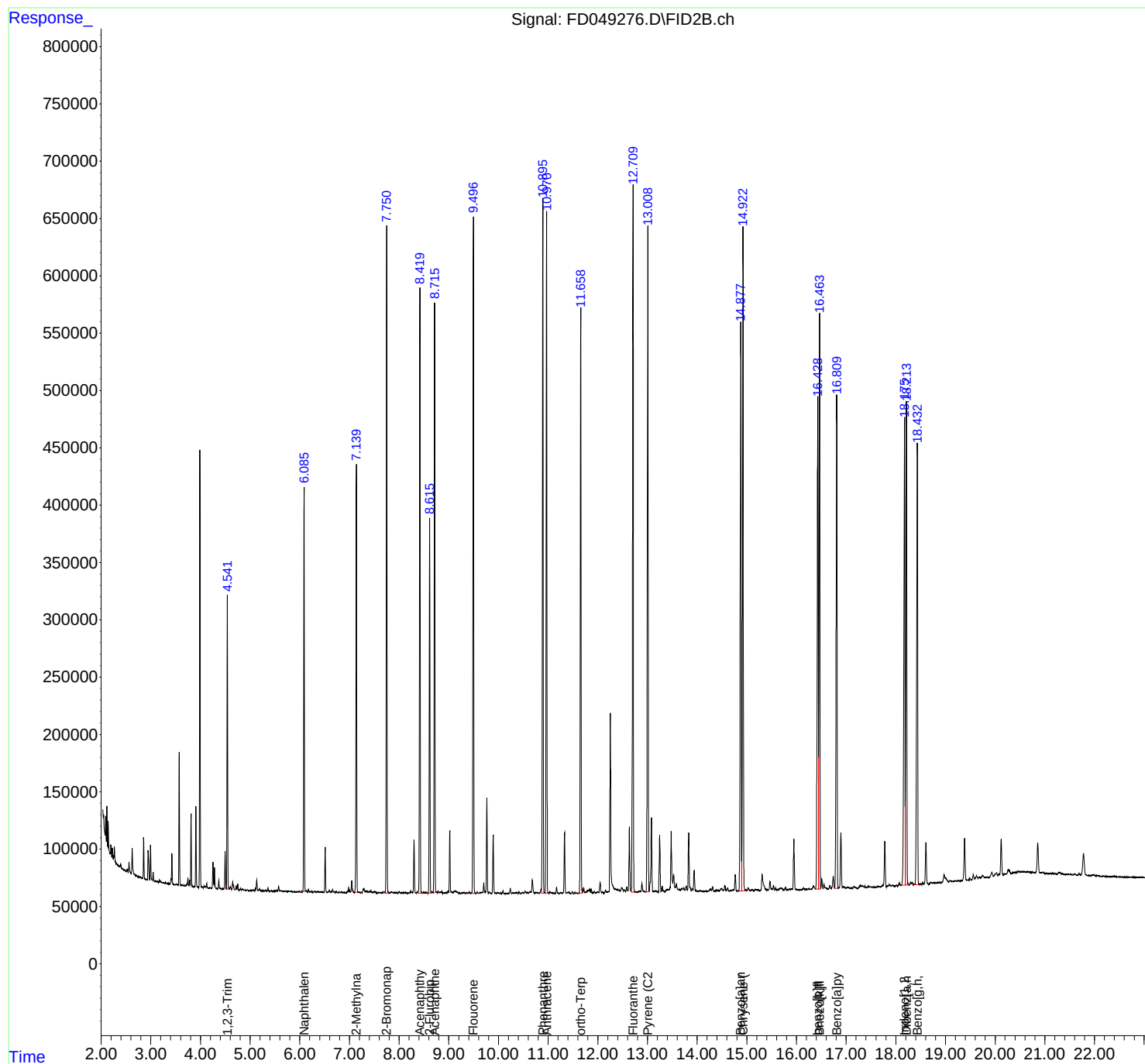
(m)=manual int.

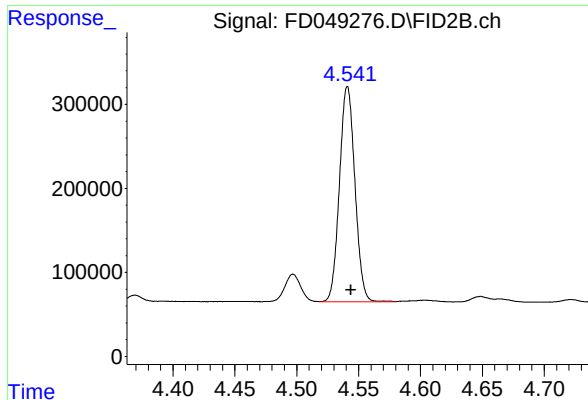
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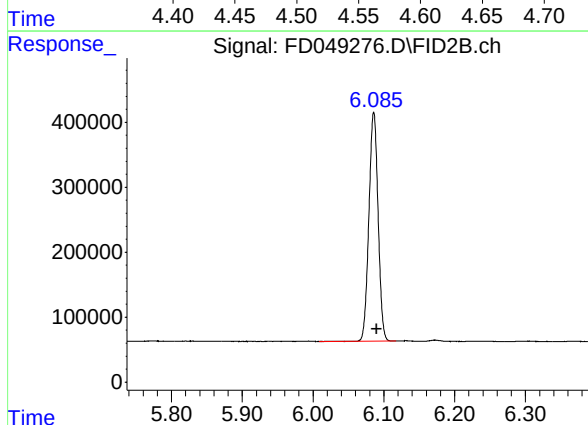




#1 1,2,3-Trimethylbenzene (C10.1)

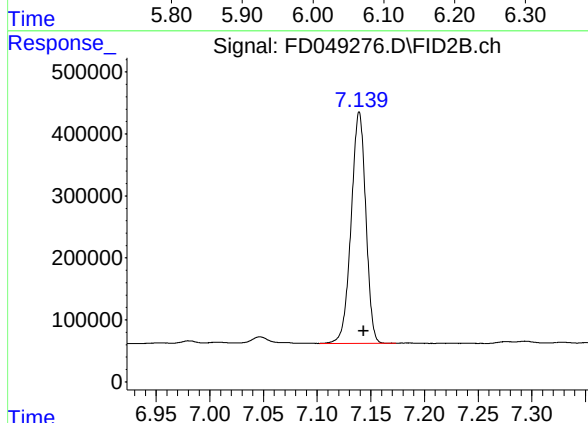
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 2233228
Conc: 14.90 ug/ml

Instrument :
FID_D
ClientSampleId :
B-149-SB01MS



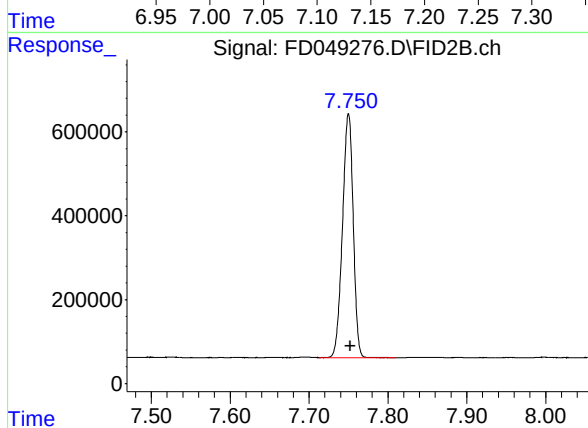
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 3179791
Conc: 19.42 ug/ml



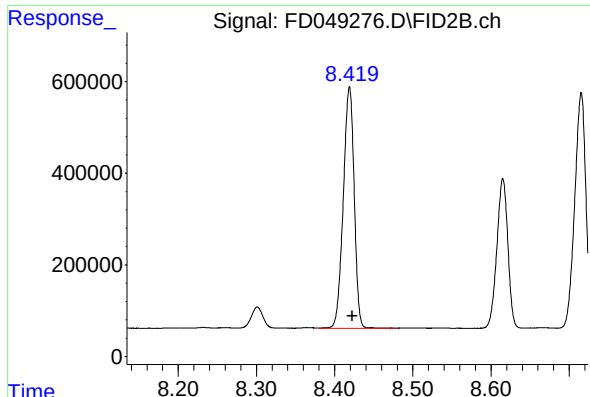
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.004 min
Response: 3544934
Conc: 21.92 ug/ml



#4 2-Bromonaphthalene (SURR)

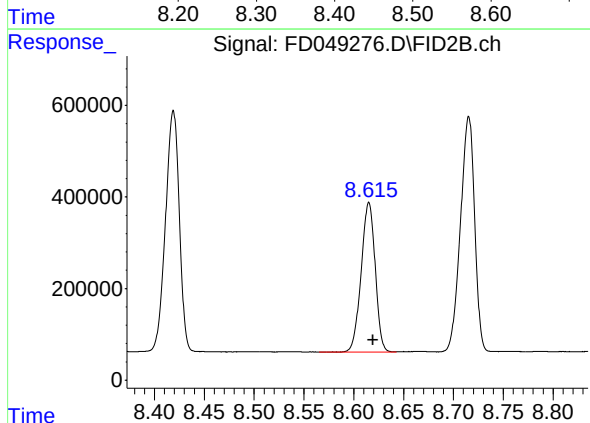
R.T.: 7.750 min
Delta R.T.: -0.003 min
Response: 5519783
Conc: 37.26 ug/ml



#5 Acenaphthylene (C15.06)

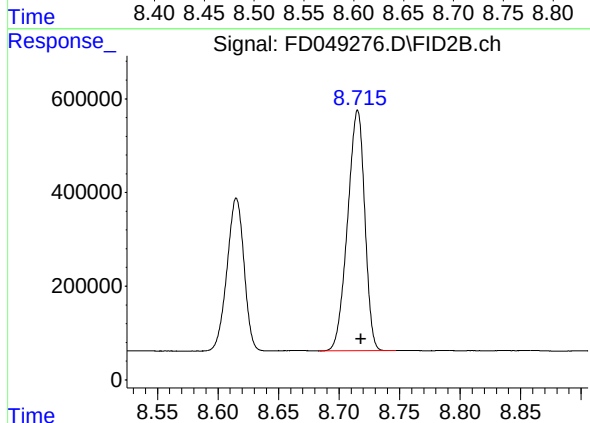
R.T.: 8.419 min
Delta R.T.: -0.004 min
Response: 5104656
Conc: 28.90 ug/ml

Instrument :
FID_D
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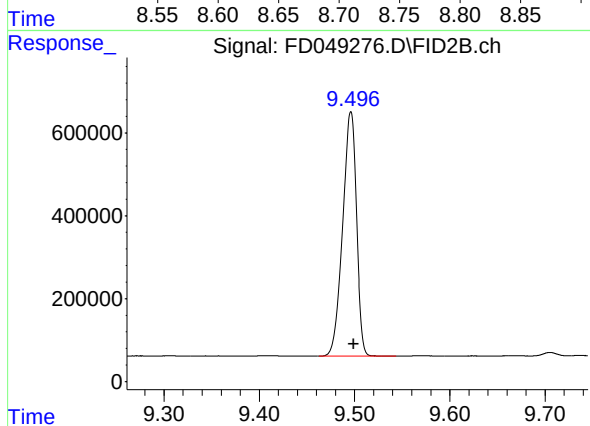
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 3189374
Conc: 31.27 ug/ml



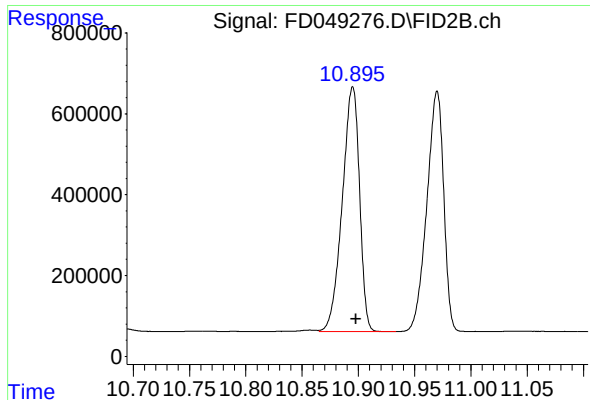
#7 Acenaphthene (C15.5)

R.T.: 8.715 min
Delta R.T.: -0.003 min
Response: 5084253
Conc: 29.51 ug/ml



#8 Flouorene (C16.55)

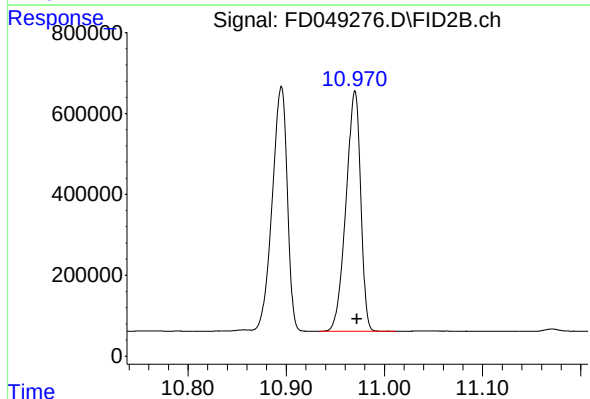
R.T.: 9.496 min
Delta R.T.: -0.003 min
Response: 5959872
Conc: 34.18 ug/ml



#9 Phenanthrene (C19.36)

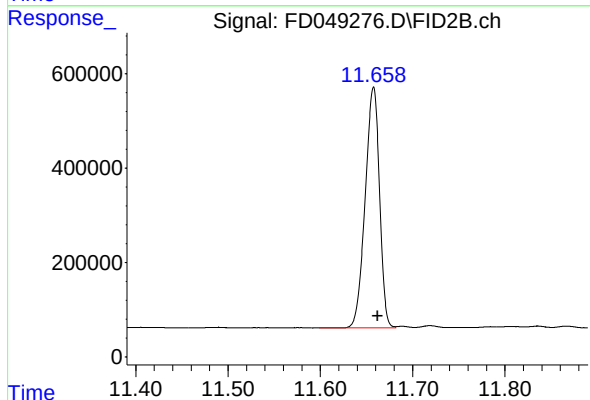
R.T.: 10.895 min
Delta R.T.: -0.003 min
Response: 6459746
Conc: 37.64 ug/ml

Instrument :
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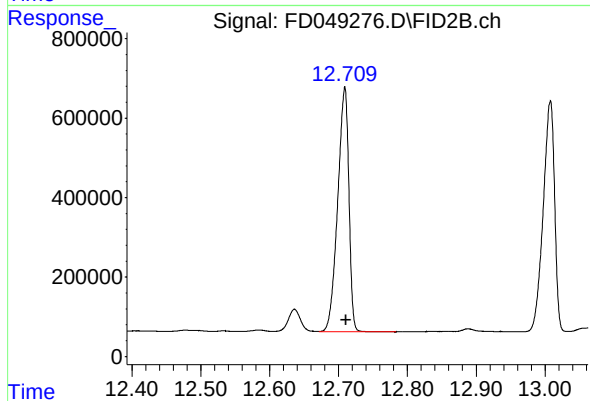
#10 Anthracene (C19.43)

R.T.: 10.970 min
Delta R.T.: -0.002 min
Response: 6192020
Conc: 39.42 ug/ml



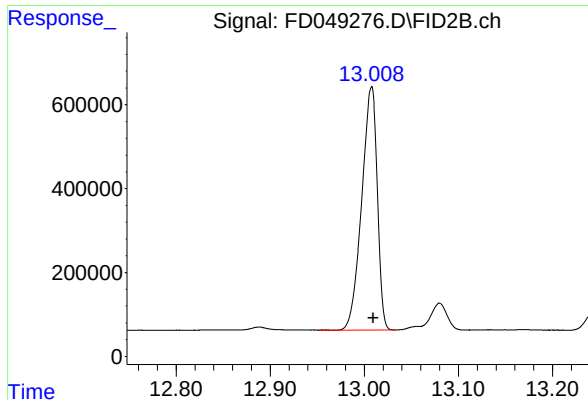
#11 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.004 min
Response: 5506873
Conc: 31.26 ug/ml



#12 Fluoranthene (C21.85)

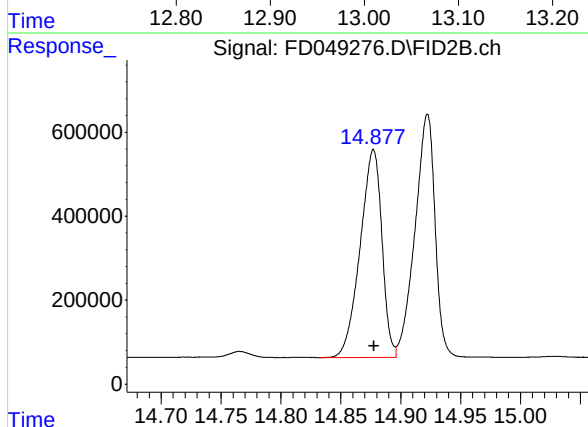
R.T.: 12.709 min
Delta R.T.: -0.002 min
Response: 6940271
Conc: 41.06 ug/ml



#13 Pyrene (C20.8)

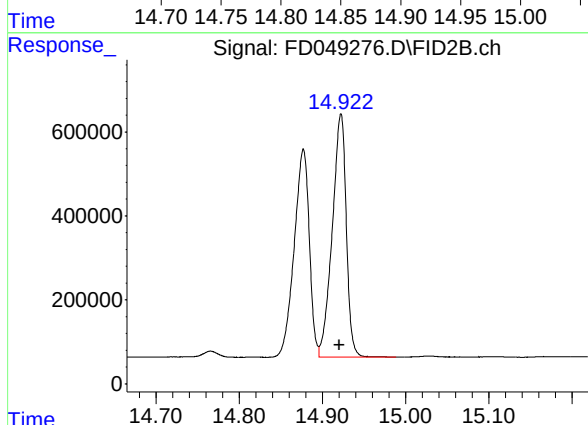
R.T.: 13.008 min
Delta R.T.: -0.002 min
Response: 6682851
Conc: 39.85 ug/ml

Instrument :
FID_D
ClientSampleId :
B-149-SB01MS



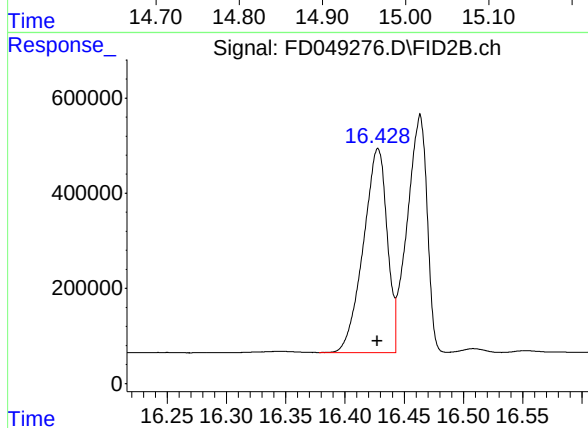
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: 0.000 min
Response: 6258466
Conc: 43.54 ug/ml



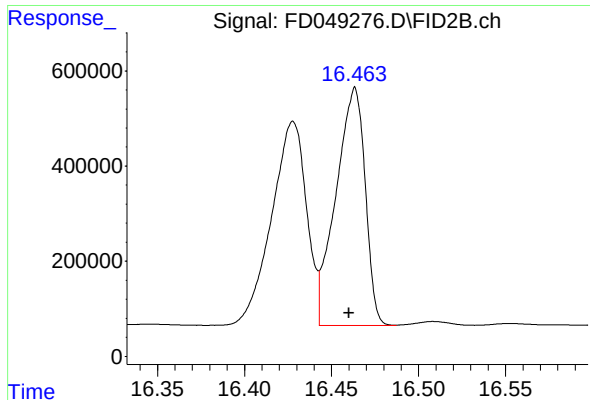
#15 Chrysene (C27.41)

R.T.: 14.922 min
Delta R.T.: 0.002 min
Response: 6789279
Conc: 47.05 ug/ml



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

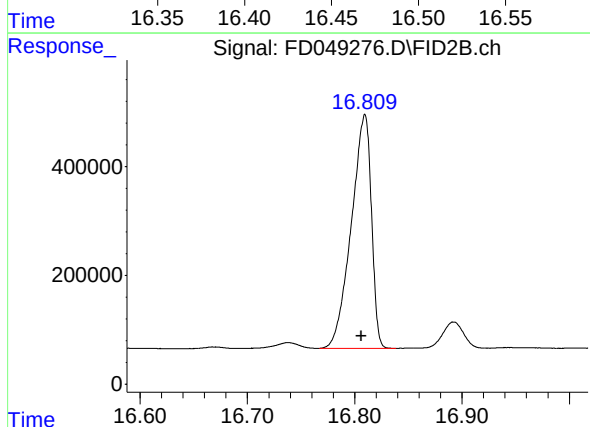
R.T.: 16.428 min
Delta R.T.: 0.000 min
Response: 6006098
Conc: 43.17 ug/ml



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

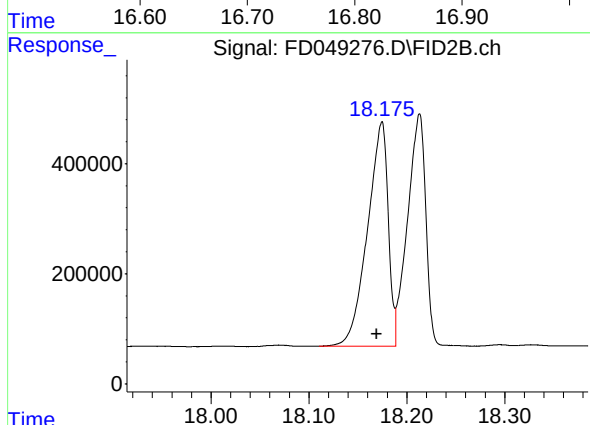
R.T.: 16.463 min
Delta R.T.: 0.003 min
Response: 5846624
Conc: 42.75 ug/ml

Instrument :
FID_D
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B-149-SB01MS



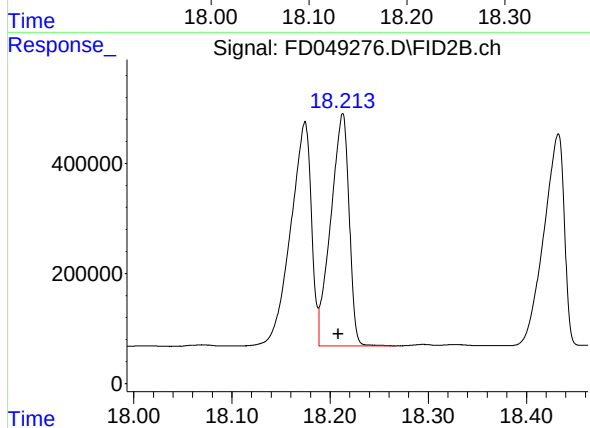
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.809 min
Delta R.T.: 0.003 min
Response: 5592066
Conc: 43.00 ug/ml



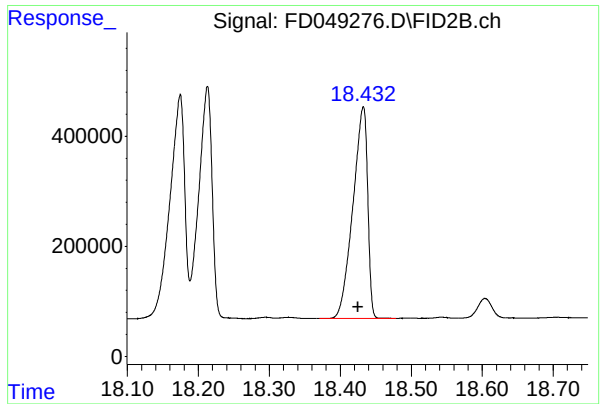
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.174 min
Delta R.T.: 0.005 min
Response: 5965719
Conc: 48.39 ug/ml



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

R.T.: 18.213 min
Delta R.T.: 0.004 min
Response: 5470332
Conc: 43.26 ug/ml



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

R.T.: 18.432 min

Delta R.T.: 0.007 min

Response: 5548772

Conc: 42.50 ug/ml

Instrument :

FID_D

ClientSampleId :

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