

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047713.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 08:53
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 13 02:04:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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

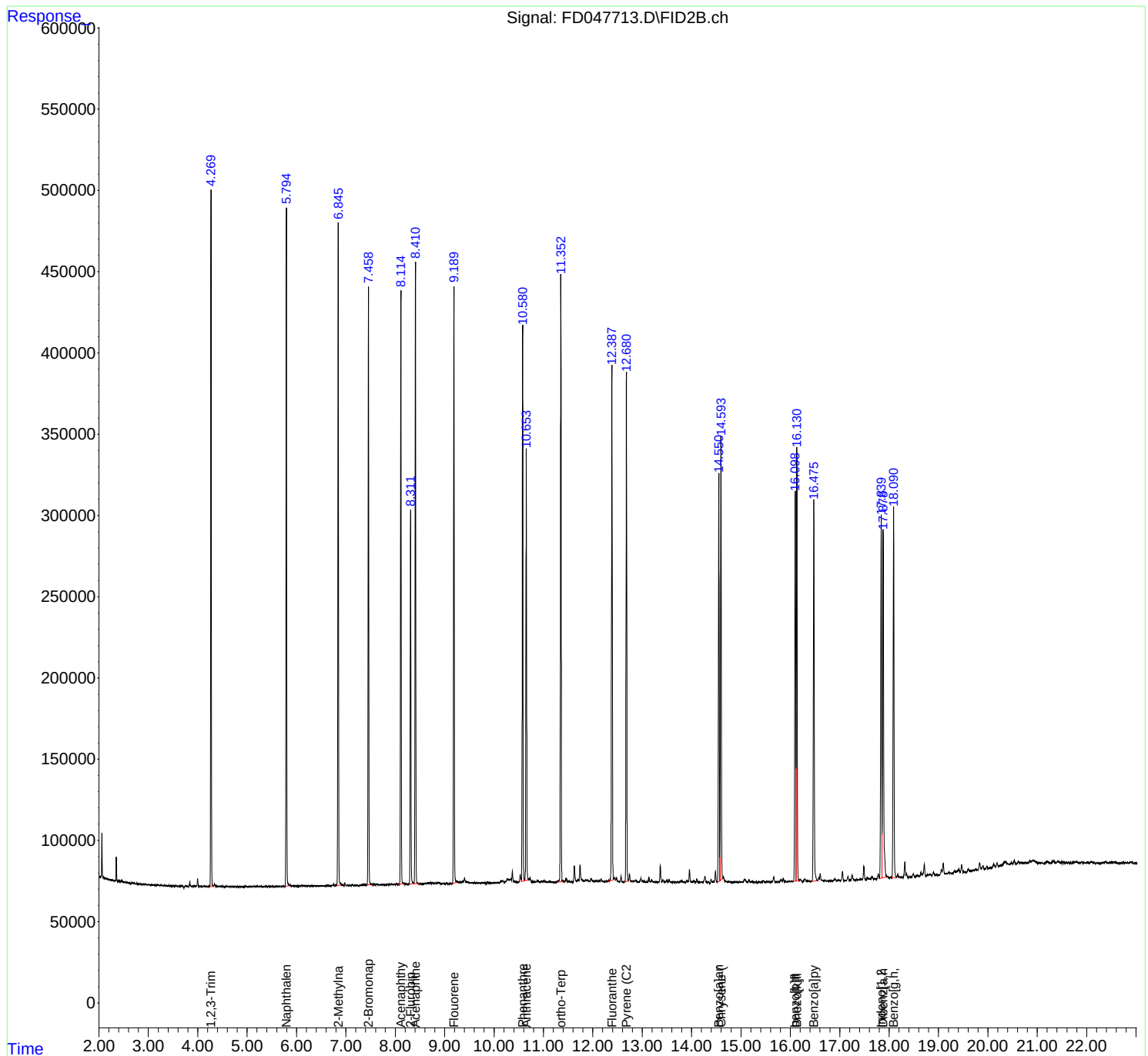
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.458	3470157	22.127 ug/ml
Spiked Amount 50.000		Recovery =	44.25%
6) S 2-Fluorobiphenyl (SURR)	8.311	2303637	22.023 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.05%
11) S ortho-Terphenyl (SURR)	11.353	4073871	21.723 ug/ml
Spiked Amount 50.000		Recovery =	43.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	3617897	22.377 ug/ml
2) T Naphthalene (C11.7)	5.795	3783062	22.358 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3820558	22.429 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3491100	21.407 ug/ml
7) T Acenaphthene (C15.5)	8.410	3714288	22.096 ug/ml
8) T Fluorene (C16.55)	9.189	3633333	21.842 ug/ml
9) T Phenanthrene (C19.36)	10.580	3526001	21.537 ug/ml
10) T Anthracene (C19.43)	10.654	2837052	18.941 ug/ml
12) T Fluoranthene (C21.85)	12.387	3482837	20.989 ug/ml
13) T Pyrene (C20.8)	12.681	3380545	20.776 ug/ml
14) T Benzo[a]anthracene (C...	14.550	2932301	20.088 ug/ml
15) T Chrysene (C27.41)	14.593	3144113	19.952 ug/ml
16) T benzo[b]fluoranthene ...	16.098	3032185	20.301 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	3041301	20.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	2944988	20.410 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2820676	20.783 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	2986364	20.858 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	2913139	21.218 ug/ml

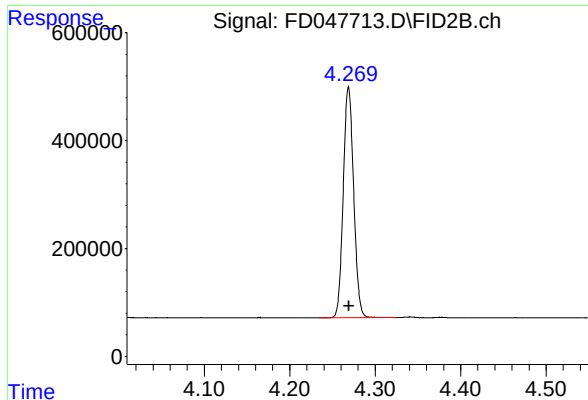
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

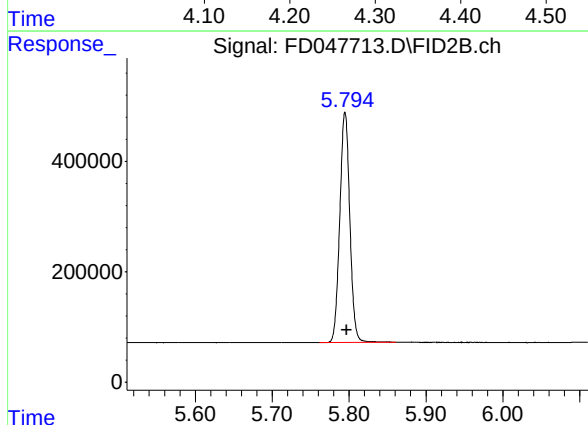




#1 1,2,3-Trimethylbenzene (C10.1)

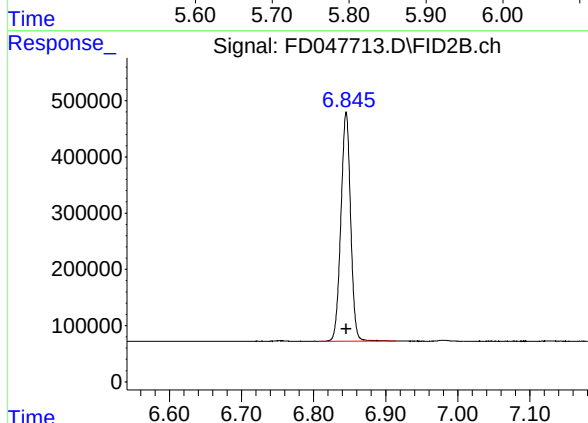
R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 3617897
Conc: 22.38 ug/ml

Instrument :
FID_D
ClientSampleId :



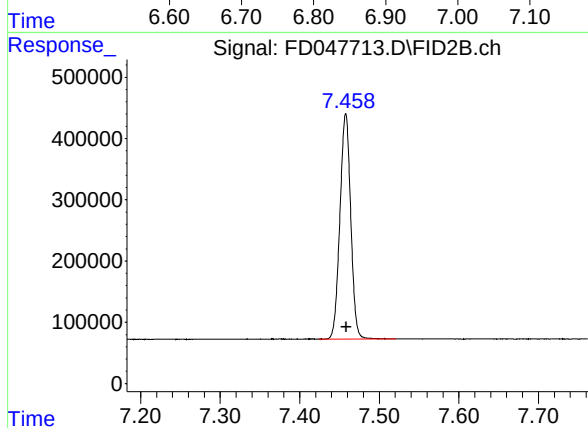
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3783062
Conc: 22.36 ug/ml



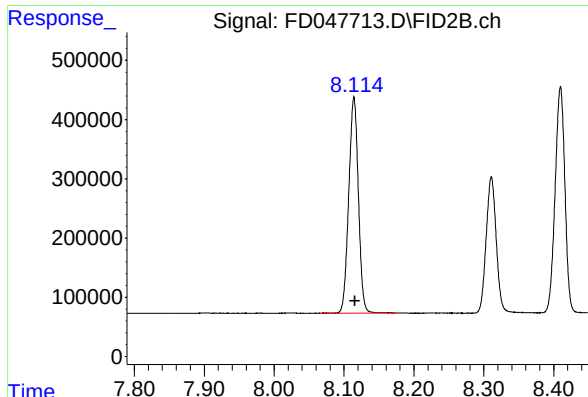
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 3820558
Conc: 22.43 ug/ml



#4 2-Bromonaphthalene (SURR)

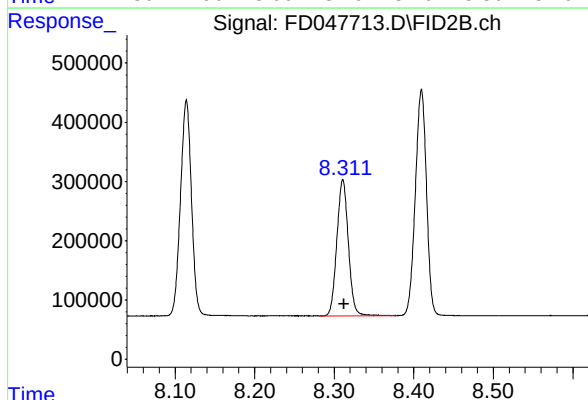
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 3470157
Conc: 22.13 ug/ml



#5 Acenaphthylene (C15.06)

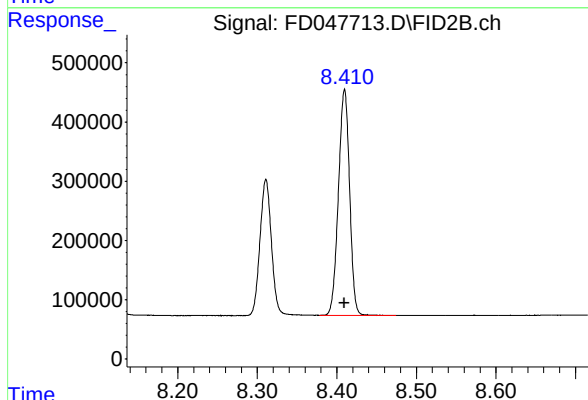
R.T.: 8.114 min
Delta R.T.: -0.001 min
Response: 3491100
Conc: 21.41 ug/ml

Instrument :
FID_D
ClientSampleId :



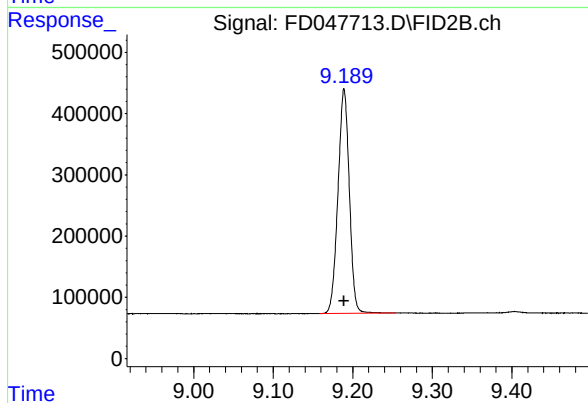
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.002 min
Response: 2303637
Conc: 22.02 ug/ml



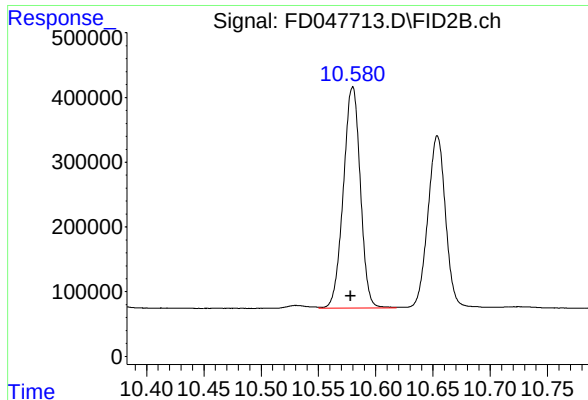
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 3714288
Conc: 22.10 ug/ml



#8 Fluorene (C16.55)

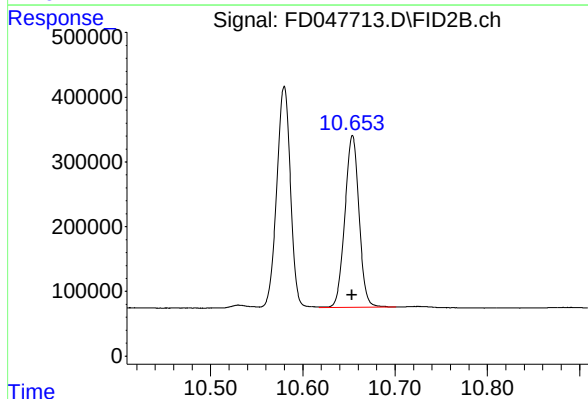
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3633333
Conc: 21.84 ug/ml



#9 Phenanthrene (C19.36)

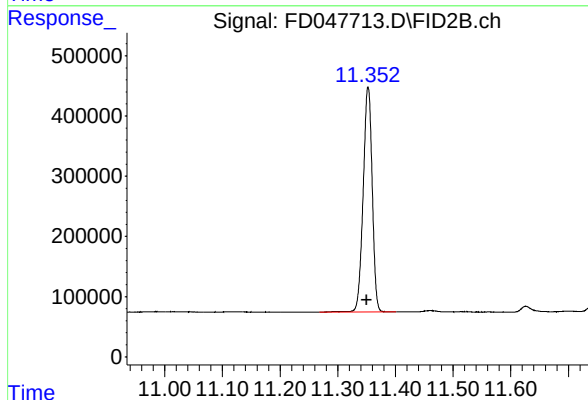
R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 3526001
Conc: 21.54 ug/ml

Instrument :
FID_D
ClientSampleId :



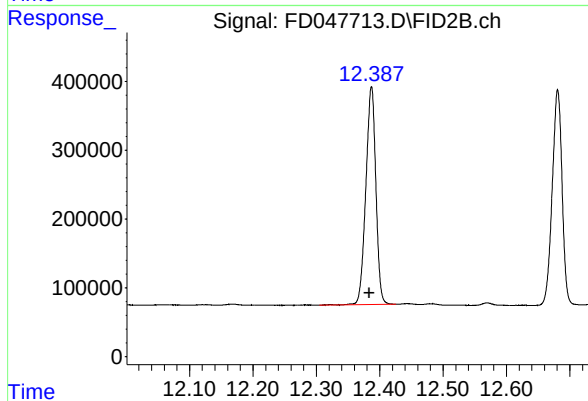
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2837052
Conc: 18.94 ug/ml



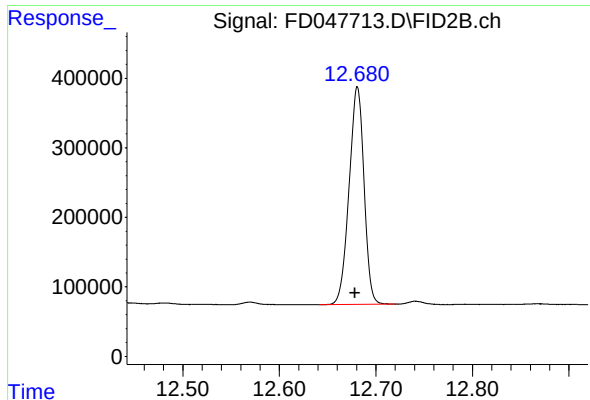
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.002 min
Response: 4073871
Conc: 21.72 ug/ml



#12 Fluoranthene (C21.85)

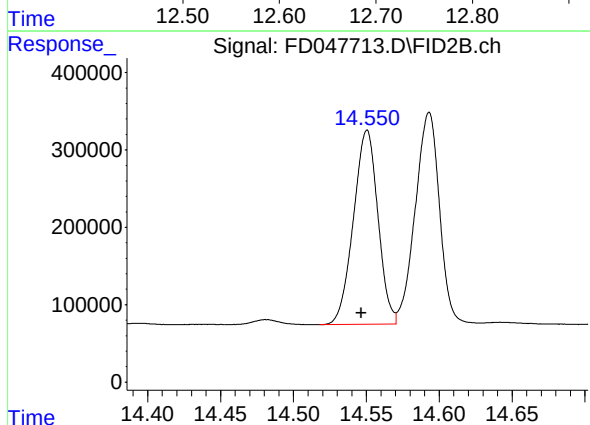
R.T.: 12.387 min
Delta R.T.: 0.003 min
Response: 3482837
Conc: 20.99 ug/ml



#13 Pyrene (C20.8)

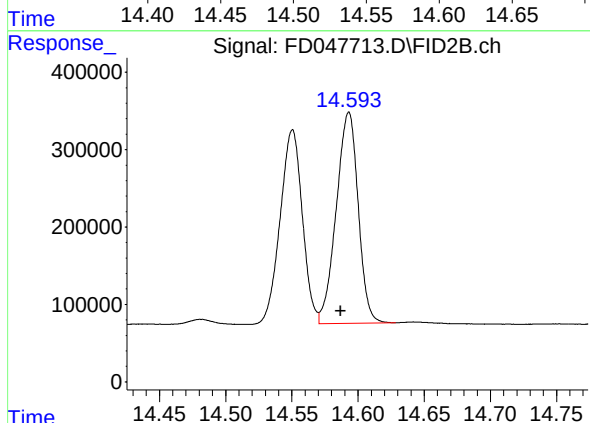
R.T.: 12.681 min
Delta R.T.: 0.003 min
Response: 3380545
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :



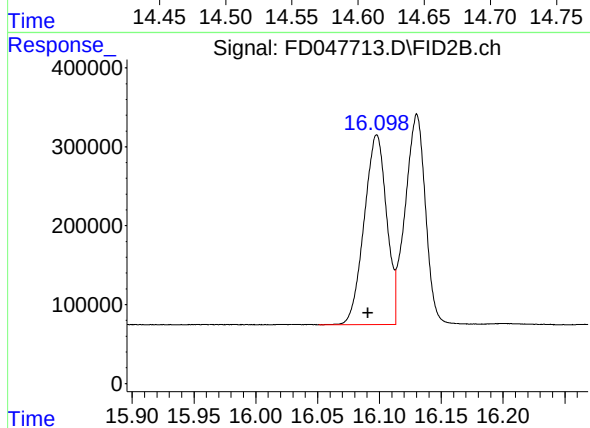
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
Delta R.T.: 0.004 min
Response: 2932301
Conc: 20.09 ug/ml



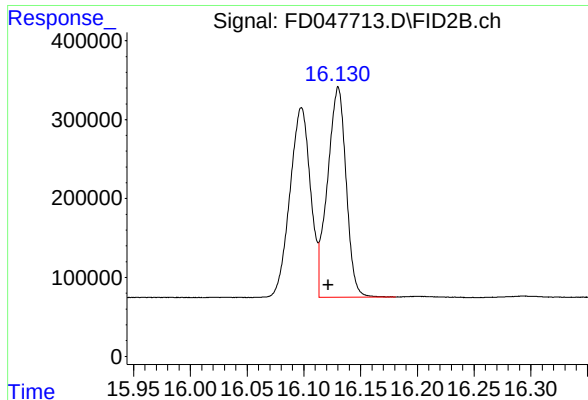
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.006 min
Response: 3144113
Conc: 19.95 ug/ml



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

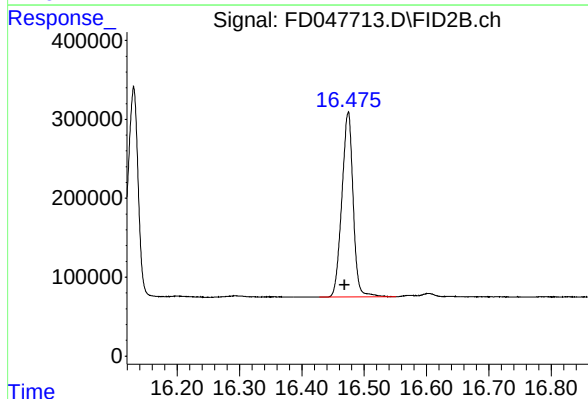
R.T.: 16.098 min
Delta R.T.: 0.007 min
Response: 3032185
Conc: 20.30 ug/ml



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

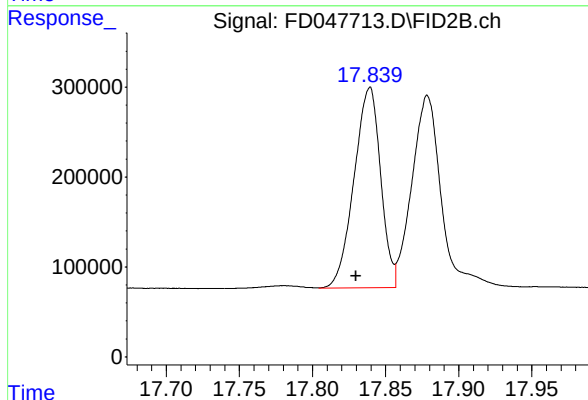
R.T.: 16.130 min
Delta R.T.: 0.008 min
Response: 3041301
Conc: 20.20 ug/ml

Instrument :
FID_D
ClientSampleId :



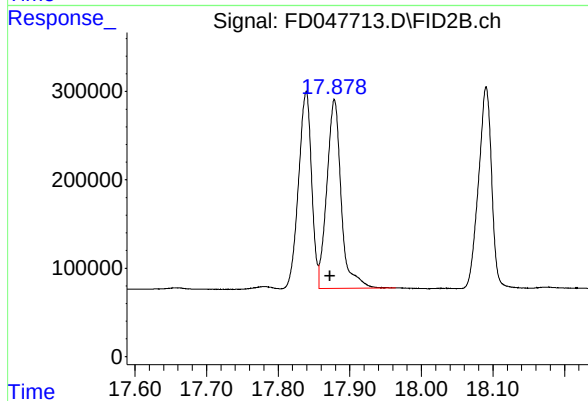
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.005 min
Response: 2944988
Conc: 20.41 ug/ml



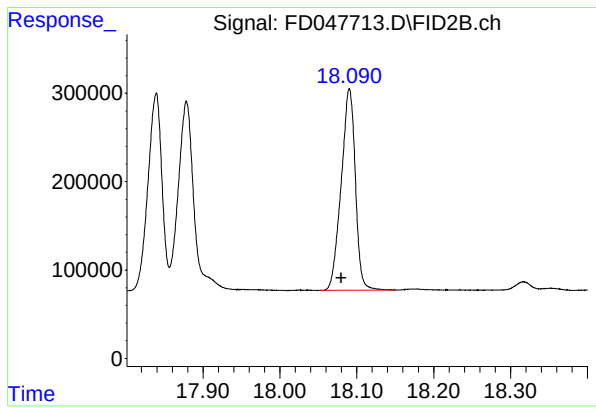
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.009 min
Response: 2820676
Conc: 20.78 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.006 min
Response: 2986364
Conc: 20.86 ug/ml



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

R.T.: 18.090 min

Delta R.T.: 0.010 min

Response: 2913139

Conc: 21.22 ug/ml

Instrument :

FID_D

ClientSampleId :