

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045371.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2023 11:38
 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: Mar 30 02:38:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.548	2653450	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
6) S 2-Fluorobiphenyl (SURR)	8.404	1736717	19.373 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.75%
11) S ortho-Terphenyl (SURR)	11.443	3365200	19.342 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	3025211	19.419 ug/ml
2) T Naphthalene (C11.7)	5.888	3109908	19.351 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3092499	19.318 ug/ml
5) T Acenaphthylene (C15.06)	8.208	2818935	19.253 ug/ml
7) T Acenaphthene (C15.5)	8.503	3011030	19.413 ug/ml
8) T Fluorene (C16.55)	9.281	2866559	19.331 ug/ml
9) T Phenanthrene (C19.36)	10.672	2796107	19.303 ug/ml
10) T Anthracene (C19.43)	10.745	2610848	18.888 ug/ml
12) T Fluoranthene (C21.85)	12.476	2770591	19.257 ug/ml
13) T Pyrene (C20.8)	12.771	2722737	19.365 ug/ml
14) T Benzo[a]anthracene (C...	14.635	2456247	19.153 ug/ml
15) T Chrysene (C27.41)	14.677	2562395	19.324 ug/ml
16) T benzo[b]fluoranthene ...	16.177	2501700	19.258 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	2463596	19.451 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	2411453	19.180 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.909	2186901	18.477 ug/ml
20) T Dibenz[a,h]anthracene...	17.951	2215086	18.593 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	2329970	18.653 ug/ml

(f)=RT Delta > 1/2 Window

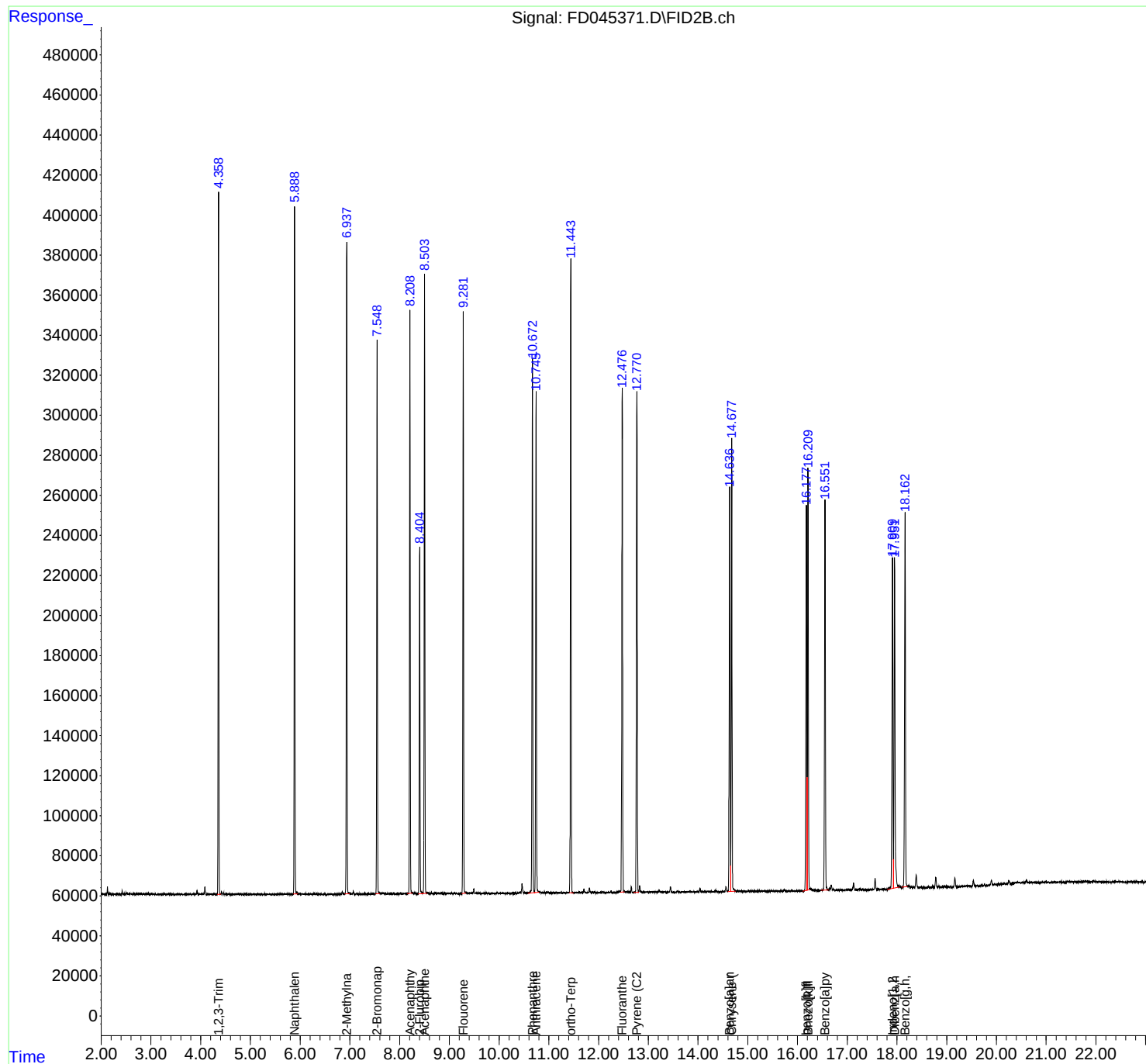
(m)=manual int.

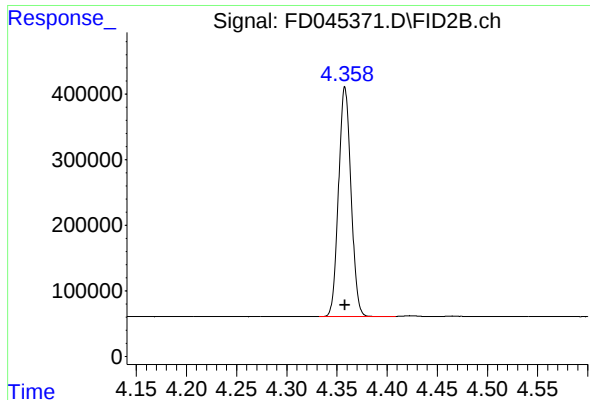
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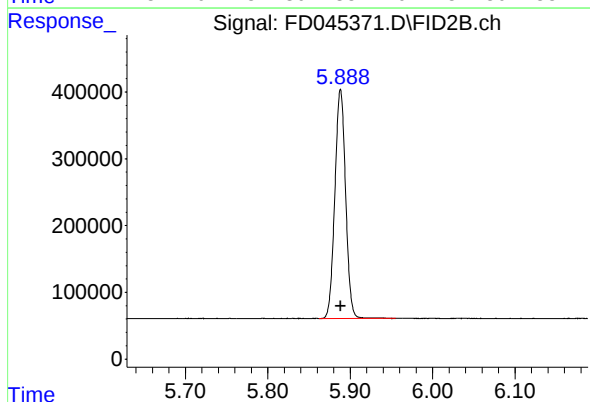
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 3025211
Conc: 19.42 ug/ml

Instrument :

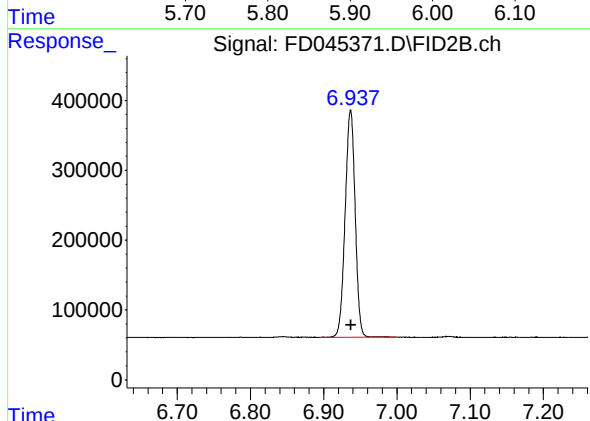
FID_D

ClientSampleId :



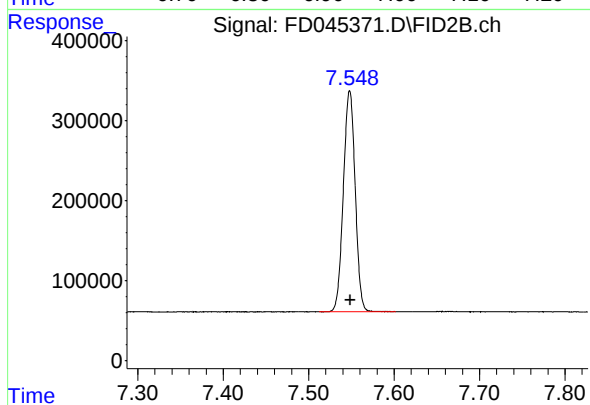
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 3109908
Conc: 19.35 ug/ml



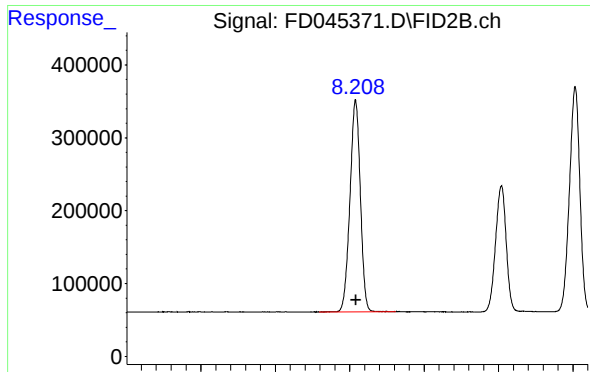
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 3092499
Conc: 19.32 ug/ml



#4 2-Bromonaphthalene (SURR)

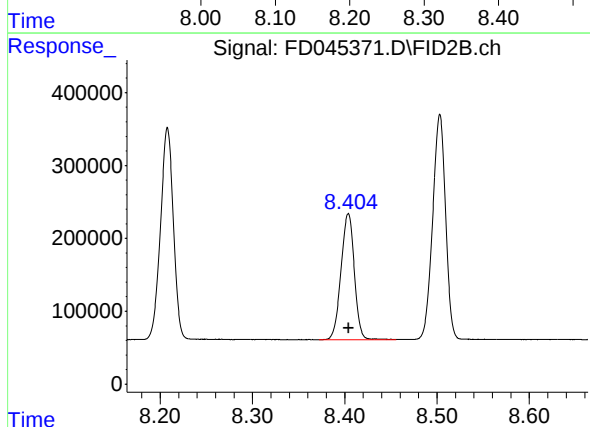
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 2653450
Conc: 19.37 ug/ml



#5 Acenaphthylene (C15.06)

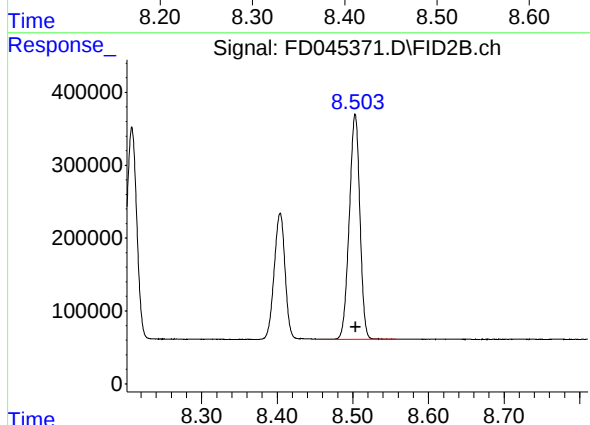
R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 2818935
Conc: 19.25 ug/ml

Instrument :
FID_D
ClientSampleId :



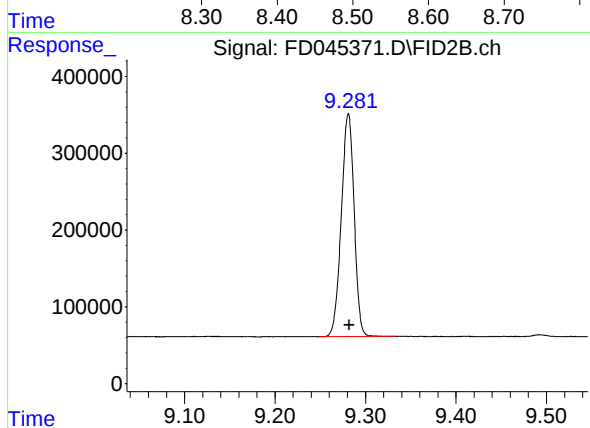
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 1736717
Conc: 19.37 ug/ml



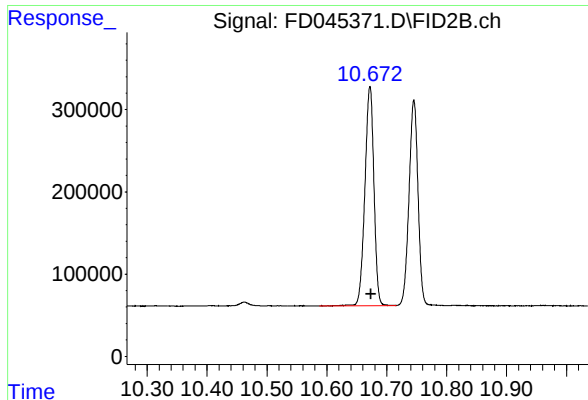
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3011030
Conc: 19.41 ug/ml



#8 Flouorene (C16.55)

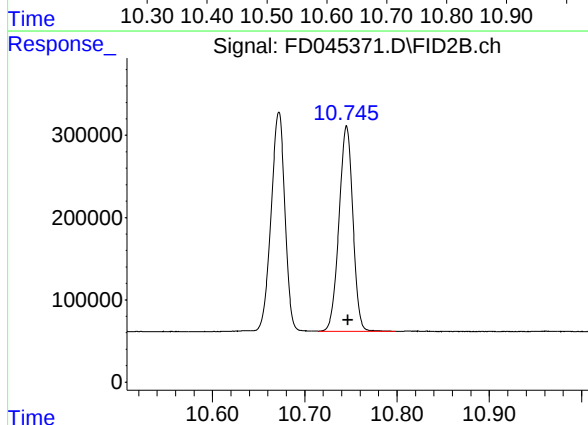
R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 2866559
Conc: 19.33 ug/ml



#9 Phenanthrene (C19.36)

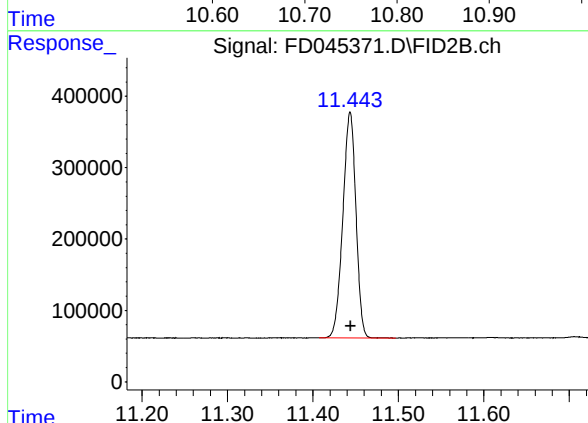
R.T.: 10.672 min
Delta R.T.: -0.002 min
Response: 2796107
Conc: 19.30 ug/ml

Instrument :
FID_D
ClientSampleId :



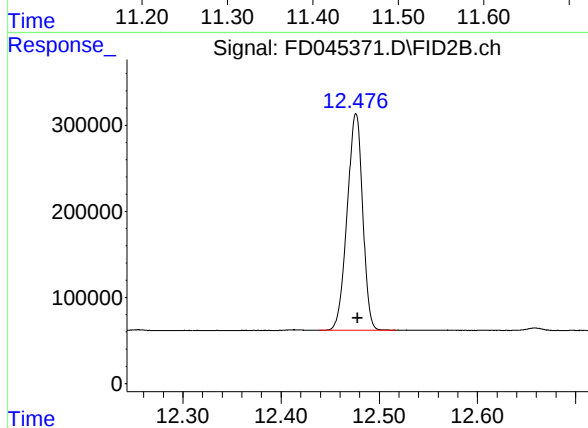
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: -0.001 min
Response: 2610848
Conc: 18.89 ug/ml



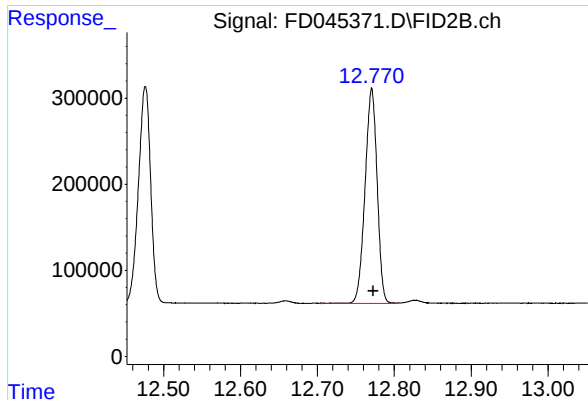
#11 ortho-Terphenyl (SURRE)

R.T.: 11.443 min
Delta R.T.: -0.001 min
Response: 3365200
Conc: 19.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: -0.002 min
Response: 2770591
Conc: 19.26 ug/ml



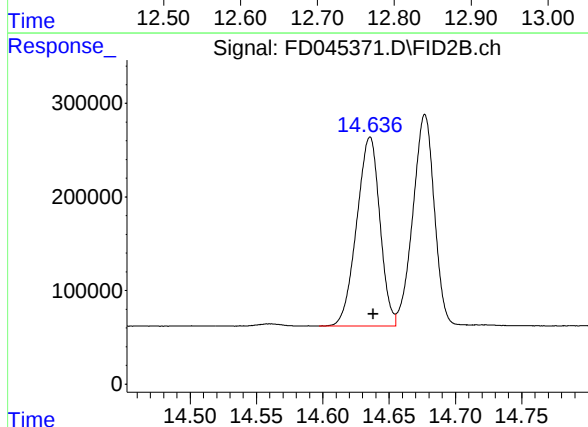
#13 Pyrene (C20.8)

R.T.: 12.771 min
Delta R.T.: -0.002 min
Response: 2722737
Conc: 19.37 ug/ml

Instrument :

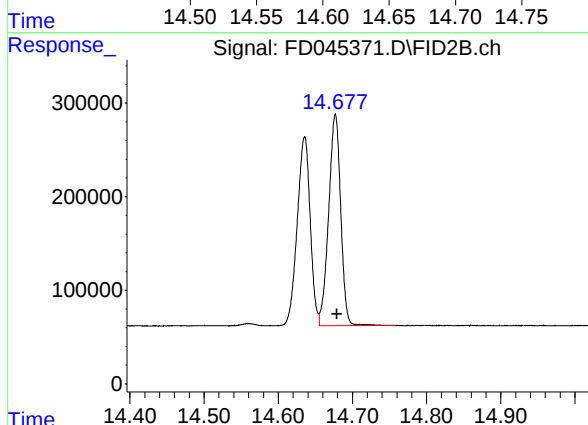
FID_D

ClientSampleId :



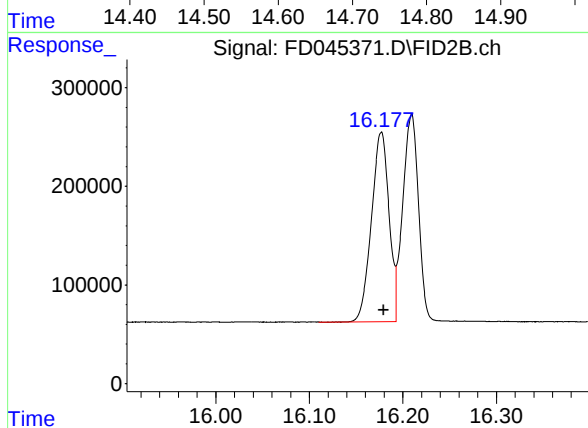
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: -0.003 min
Response: 2456247
Conc: 19.15 ug/ml



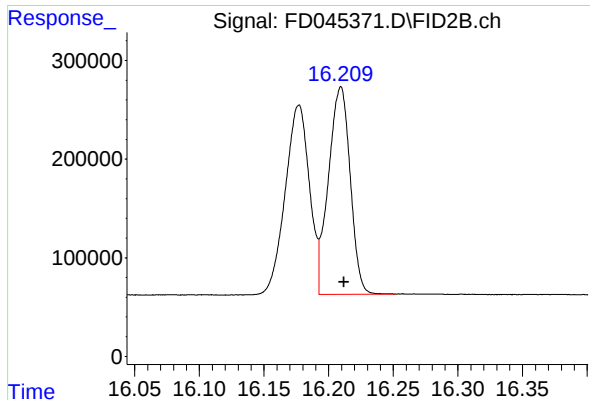
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: -0.002 min
Response: 2562395
Conc: 19.32 ug/ml



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

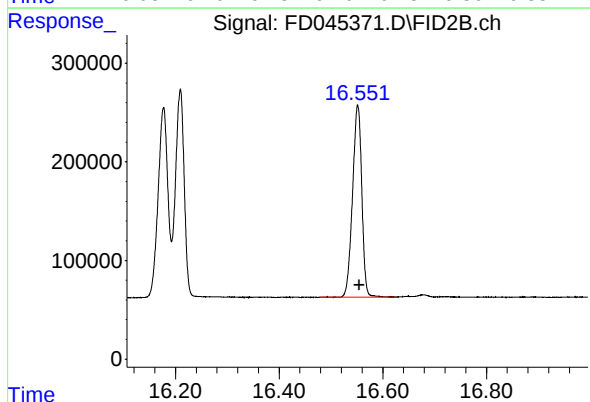
R.T.: 16.177 min
Delta R.T.: -0.003 min
Response: 2501700
Conc: 19.26 ug/ml



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

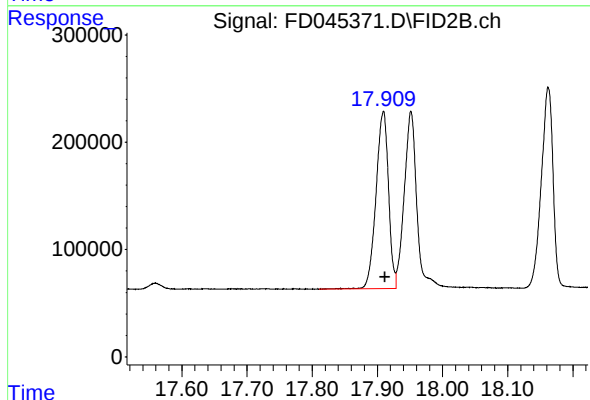
R.T.: 16.209 min
Delta R.T.: -0.003 min
Response: 2463596
Conc: 19.45 ug/ml

Instrument :
FID_D
ClientSampleId :



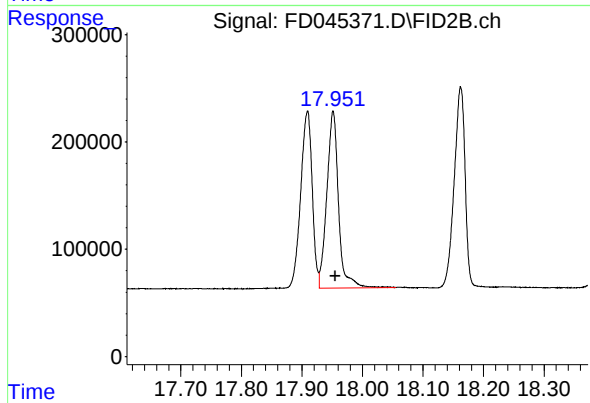
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min
Delta R.T.: -0.003 min
Response: 2411453
Conc: 19.18 ug/ml



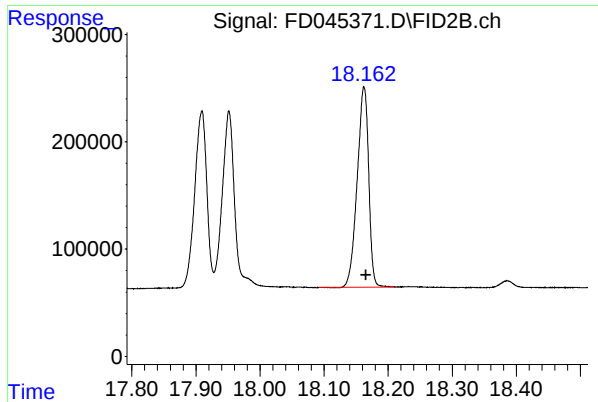
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.909 min
Delta R.T.: -0.003 min
Response: 2186901
Conc: 18.48 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.004 min
Response: 2215086
Conc: 18.59 ug/ml



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

R.T.: 18.162 min
Delta R.T.: -0.003 min
Response: 2329970
Conc: 18.65 ug/ml

Instrument :

FID_D

ClientSampleId :