

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043875.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 17:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 19:41:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 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...	7.433	2451703	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
6) S 2-Fluorobiphenyl (SURR)	8.290	1426617	19.776 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.55%
11) S ortho-Terphenyl (SURR)	11.314	3389051	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	2810777	18.703 ug/ml
2) T Naphthalene (C11.7)	5.772	2780967	19.530 ug/ml
3) T 2-Methylnaphthalene (...)	6.819	2783388	19.026 ug/ml
5) T Acenaphthylene (C15.06)	8.087	2859010	18.528 ug/ml
7) T Acenaphthene (C15.5)	8.378	3218039	18.388 ug/ml
8) T Flouorene (C16.55)	9.161	2801358	19.059 ug/ml
9) T Phenanthrene (C19.36)	10.552	2709150	18.721 ug/ml
10) T Anthracene (C19.43)	10.629	2730071	18.603 ug/ml
12) T Fluoranthene (C21.85)	12.356	2801520	18.266 ug/ml
13) T Pyrene (C20.8)	12.649	2750840	18.492 ug/ml
14) T Benzo[a]anthracene (C...	14.518	2134507	19.094 ug/ml
15) T Chrysene (C27.41)	14.558	2806922	17.960 ug/ml
16) T benzo[b]fluoranthene ...	16.061	2188210	18.764 ug/ml
17) T Bnezo[k]fluoranthene ...	16.092	2705863	18.226 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.442	2240779	18.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	1778817	18.709 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	2319148	19.305 ug/ml
21) T Benzo[g,h,i]perylene ...	18.050	2137415	18.756 ug/ml

(f)=RT Delta > 1/2 Window

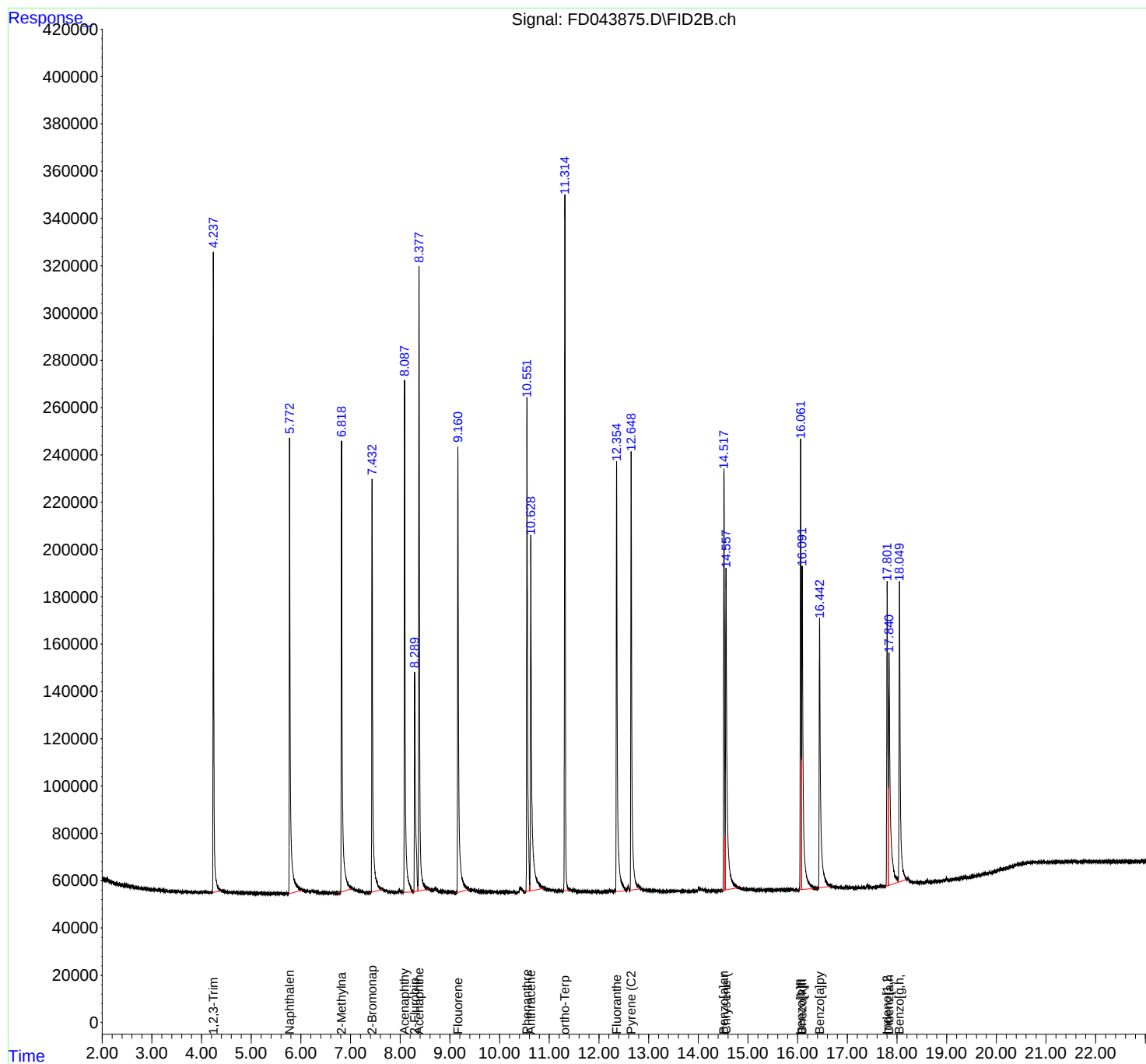
(m)=manual int.

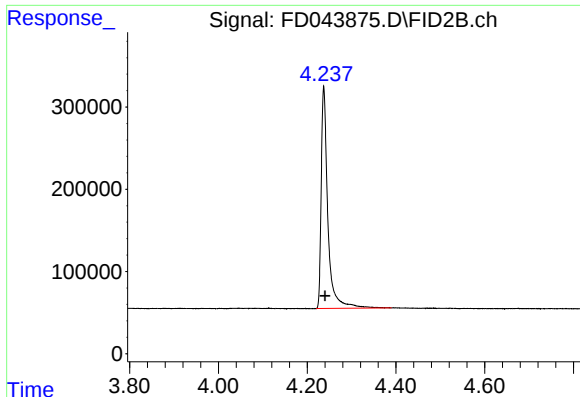
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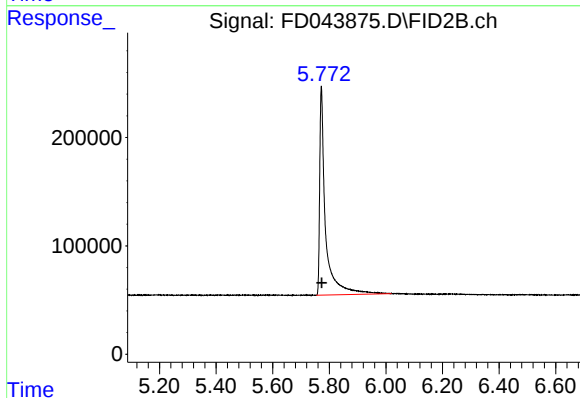




#1 1,2,3-Trimethylbenzene (C10.1)

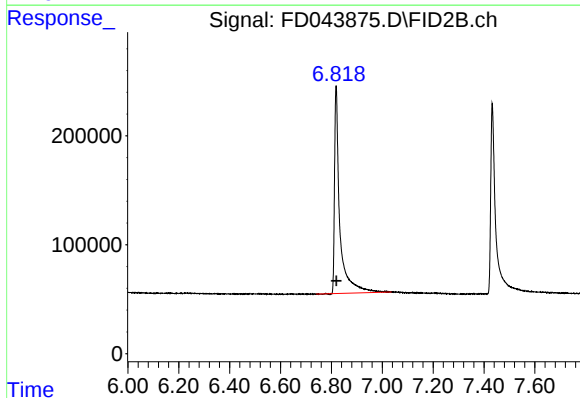
R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 2810777
Conc: 18.70 ug/ml

Instrument :
FID_D
ClientSampleId :



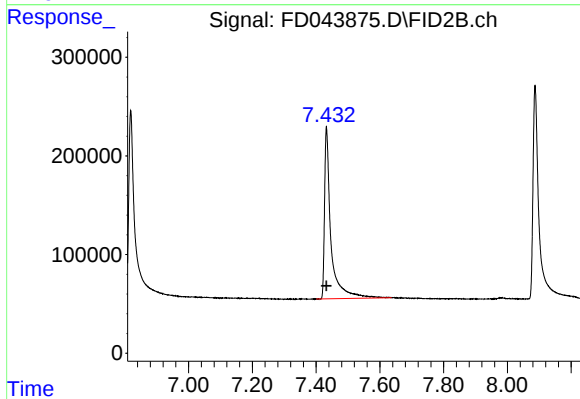
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 2780967
Conc: 19.53 ug/ml



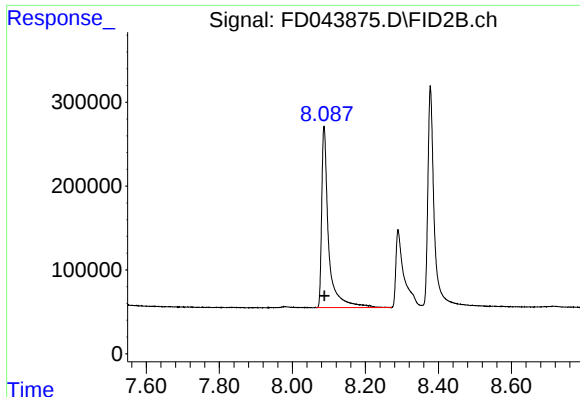
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 2783388
Conc: 19.03 ug/ml



#4 2-Bromonaphthalene (SURR)

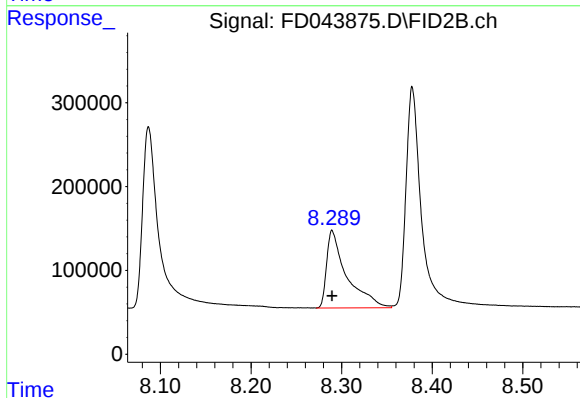
R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 2451703
Conc: 18.63 ug/ml



#5 Acenaphthylene (C15.06)

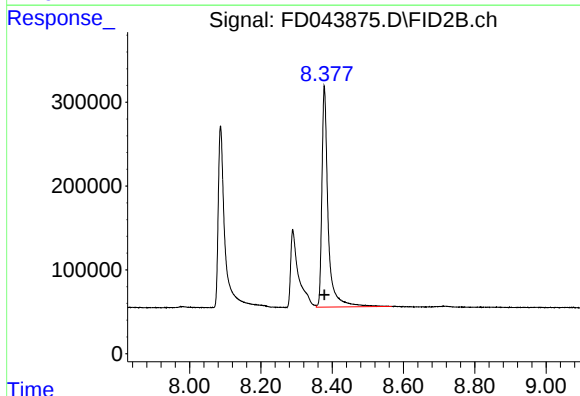
R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 2859010
Conc: 18.53 ug/ml

Instrument :
FID_D
ClientSampleId :



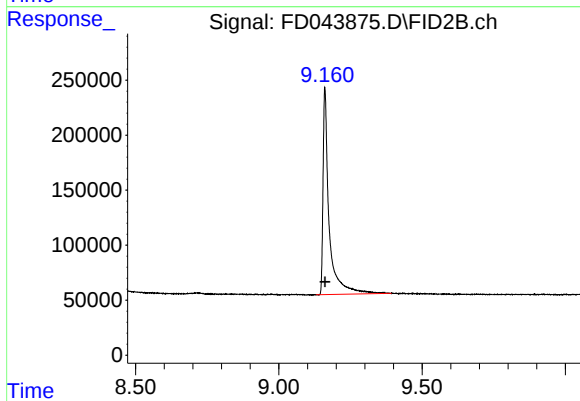
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 1426617
Conc: 19.78 ug/ml



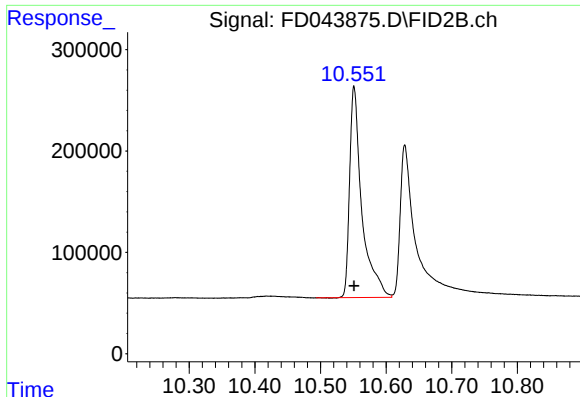
#7 Acenaphthene (C15.5)

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 3218039
Conc: 18.39 ug/ml



#8 Fluorene (C16.55)

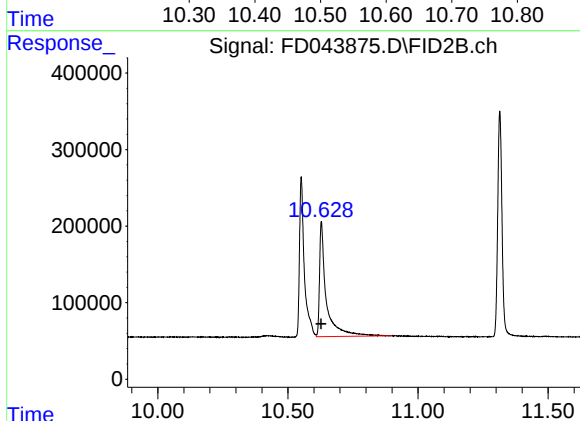
R.T.: 9.161 min
Delta R.T.: 0.000 min
Response: 2801358
Conc: 19.06 ug/ml



#9 Phenanthrene (C19.36)

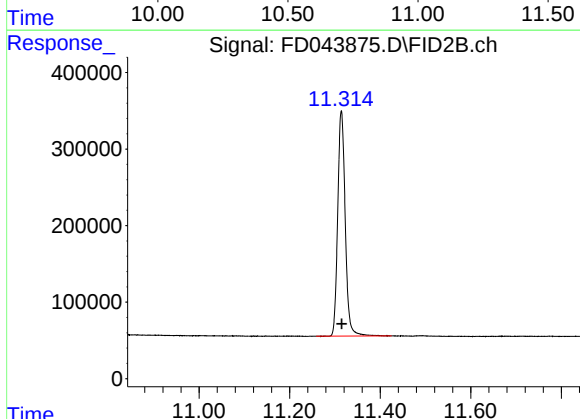
R.T.: 10.552 min
Delta R.T.: 0.000 min
Response: 2709150
Conc: 18.72 ug/ml

Instrument :
FID_D
ClientSampleId :



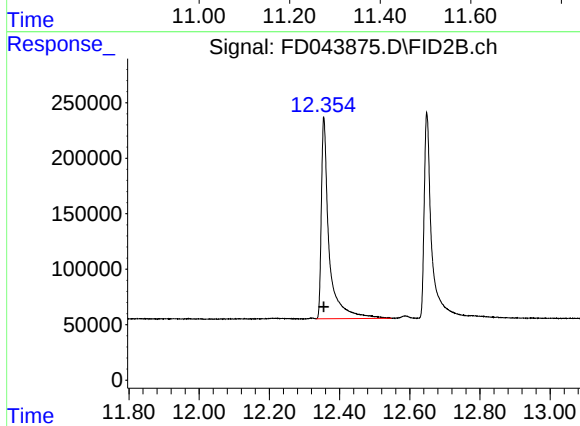
#10 Anthracene (C19.43)

R.T.: 10.629 min
Delta R.T.: 0.001 min
Response: 2730071
Conc: 18.60 ug/ml



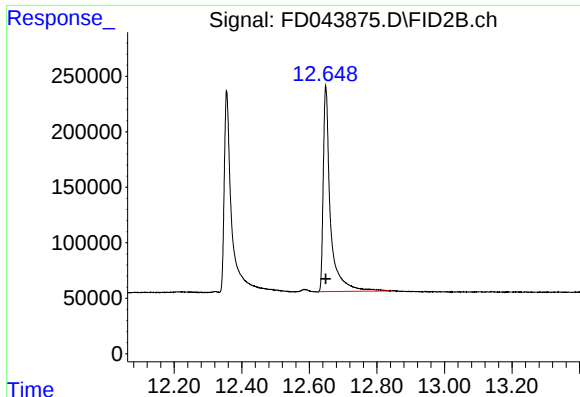
#11 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: 0.000 min
Response: 3389051
Conc: 18.19 ug/ml



#12 Fluoranthene (C21.85)

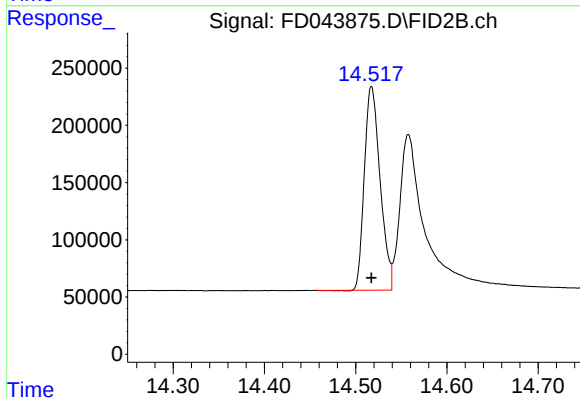
R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 2801520
Conc: 18.27 ug/ml



#13 Pyrene (C20.8)

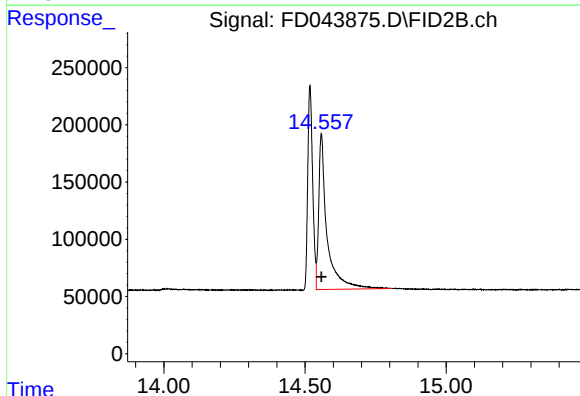
R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 2750840
Conc: 18.49 ug/ml

Instrument :
FID_D
ClientSampleId :



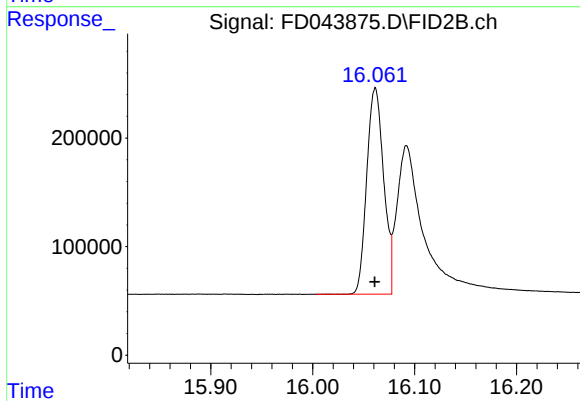
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: 0.000 min
Response: 2134507
Conc: 19.09 ug/ml



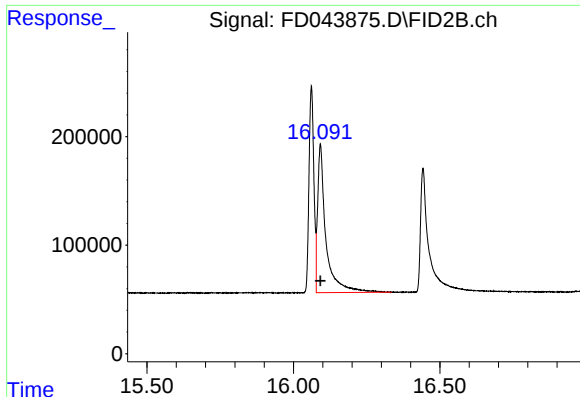
#15 Chrysene (C27.41)

R.T.: 14.558 min
Delta R.T.: 0.000 min
Response: 2806922
Conc: 17.96 ug/ml



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

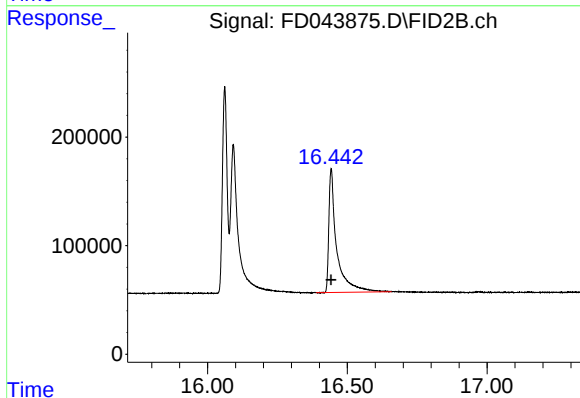
R.T.: 16.061 min
Delta R.T.: 0.000 min
Response: 2188210
Conc: 18.76 ug/ml



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

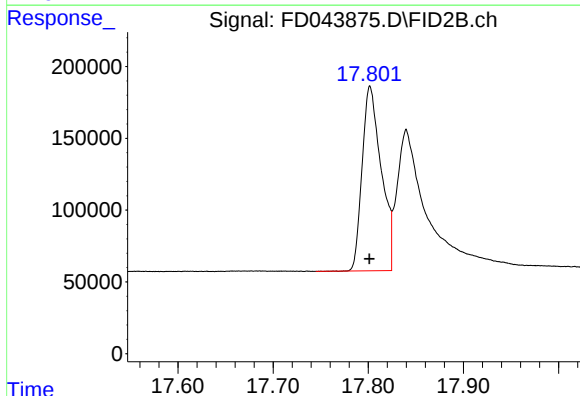
R.T.: 16.092 min
Delta R.T.: 0.000 min
Response: 2705863
Conc: 18.23 ug/ml

Instrument :
FID_D
ClientSampleId :



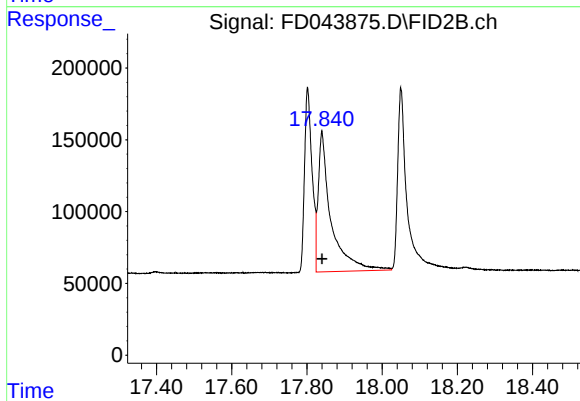
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.442 min
Delta R.T.: 0.000 min
Response: 2240779
Conc: 18.50 ug/ml



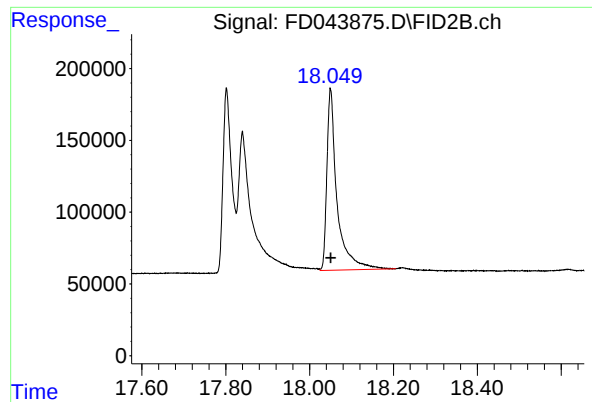
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.802 min
Delta R.T.: 0.000 min
Response: 1778817
Conc: 18.71 ug/ml



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

R.T.: 17.840 min
Delta R.T.: 0.000 min
Response: 2319148
Conc: 19.31 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 2137415
Conc: 18.76 ug/ml

Instrument :

FID_D

ClientSampleId :