

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043873.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 15:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 19:41:25 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	2440412	18.547 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
6) S 2-Fluorobiphenyl (SURR)	8.291	1407952	19.517 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.03%
11) S ortho-Terphenyl (SURR)	11.316	3393508	18.216 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.239	2786918	18.544 ug/ml
2) T Naphthalene (C11.7)	5.773	2702166	18.976 ug/ml
3) T 2-Methylnaphthalene (...)	6.819	2822305	19.292 ug/ml
5) T Acenaphthylene (C15.06)	8.088	2823200	18.296 ug/ml
7) T Acenaphthene (C15.5)	8.378	3189483	18.225 ug/ml
8) T Flouorene (C16.55)	9.162	2749750	18.708 ug/ml
9) T Phenanthrene (C19.36)	10.552	2697473	18.641 ug/ml
10) T Anthracene (C19.43)	10.629	2717838	18.519 ug/ml
12) T Fluoranthene (C21.85)	12.356	2824966	18.419 ug/ml
13) T Pyrene (C20.8)	12.650	2768318	18.610 ug/ml
14) T Benzo[a]anthracene (C...	14.518	2170815	19.419 ug/ml
15) T Chrysene (C27.41)	14.559	2830456	18.111 ug/ml
16) T benzo[b]fluoranthene ...	16.061	2202247	18.884 ug/ml
17) T Bnezo[k]fluoranthene ...	16.092	2700602	18.190 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.442	2221735	18.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	1757656	18.486 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	2330647	19.401 ug/ml
21) T Benzo[g,h,i]perylene ...	18.051	2145360	18.826 ug/ml

(f)=RT Delta > 1/2 Window

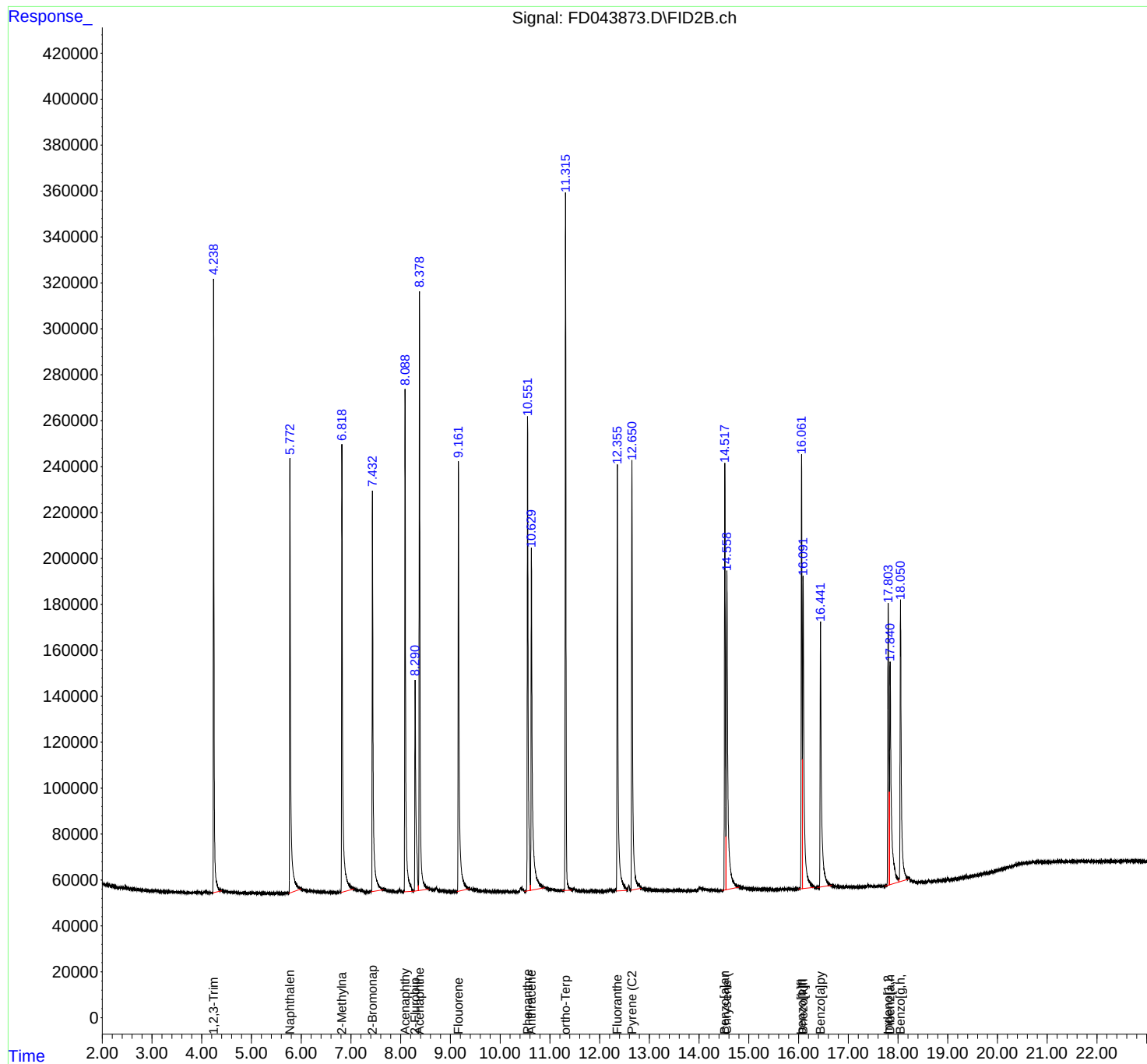
(m)=manual int.

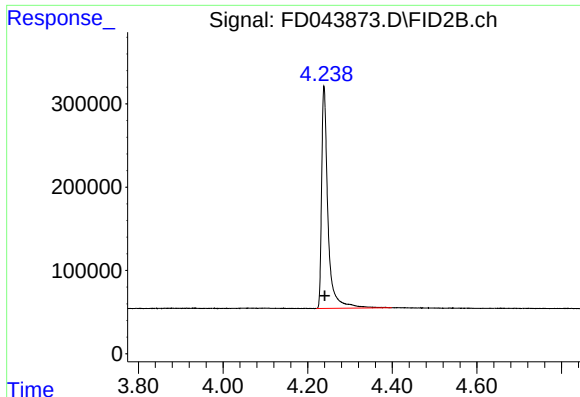
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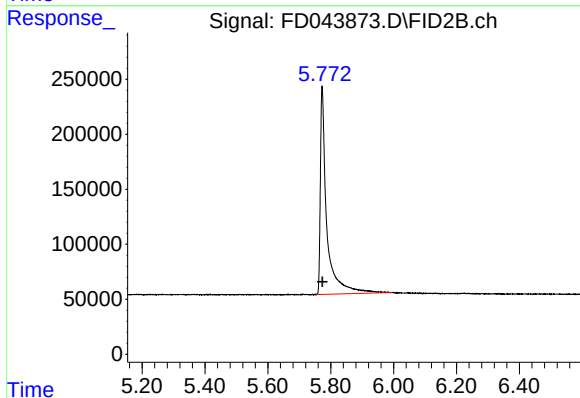




#1 1,2,3-Trimethylbenzene (C10.1)

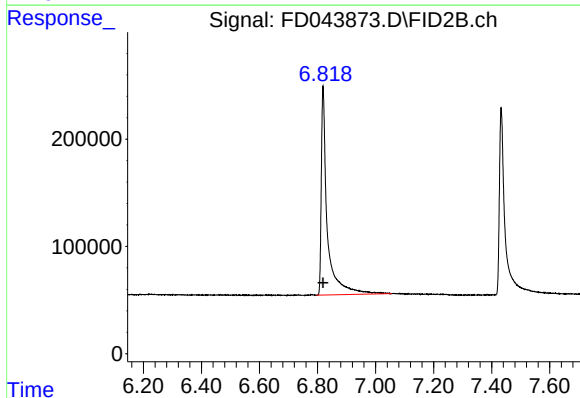
R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 2786918
Conc: 18.54 ug/ml

Instrument :
FID_D
ClientSampleId :



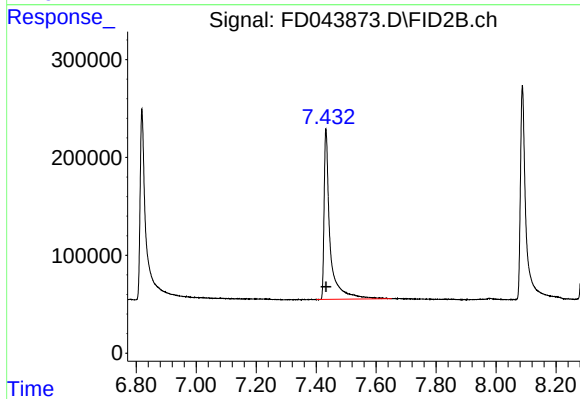
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 2702166
Conc: 18.98 ug/ml



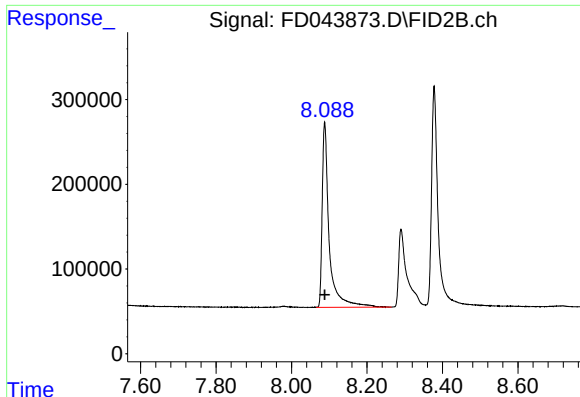
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 2822305
Conc: 19.29 ug/ml



#4 2-Bromonaphthalene (SURR)

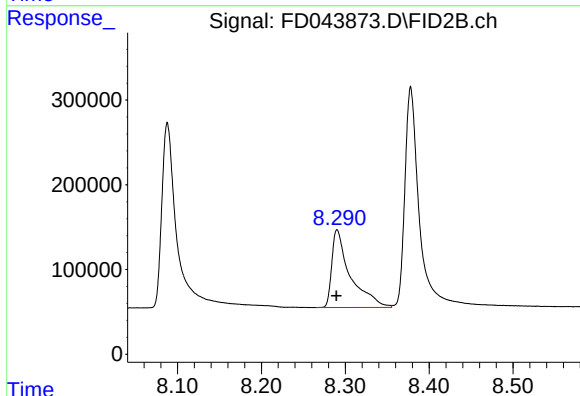
R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 2440412
Conc: 18.55 ug/ml



#5 Acenaphthylene (C15.06)

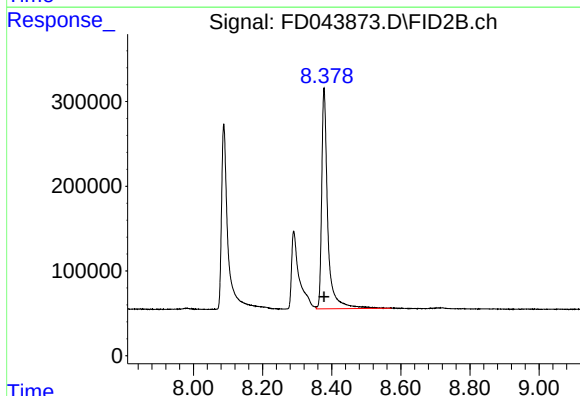
R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 2823200
Conc: 18.30 ug/ml

Instrument :
FID_D
ClientSampleId :



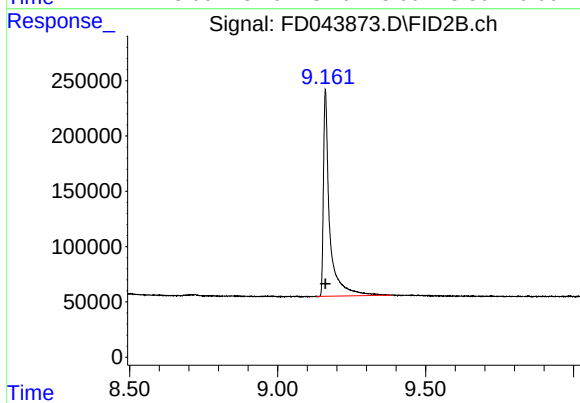
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: 0.001 min
Response: 1407952
Conc: 19.52 ug/ml



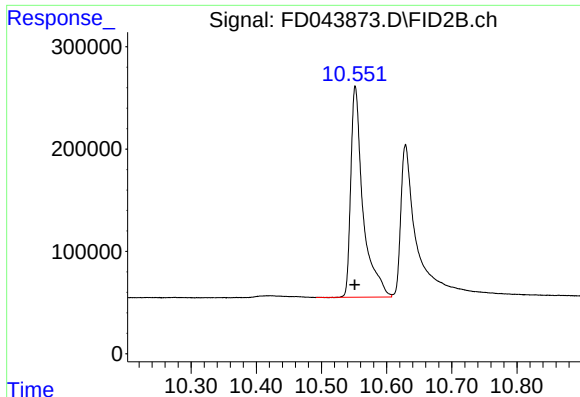
#7 Acenaphthene (C15.5)

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 3189483
Conc: 18.23 ug/ml



#8 Flouorene (C16.55)

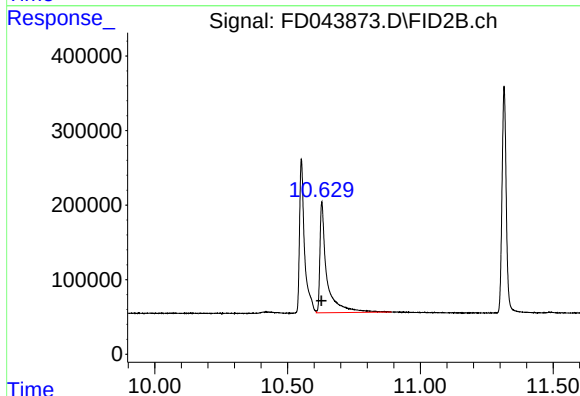
R.T.: 9.162 min
Delta R.T.: 0.000 min
Response: 2749750
Conc: 18.71 ug/ml



#9 Phenanthrene (C19.36)

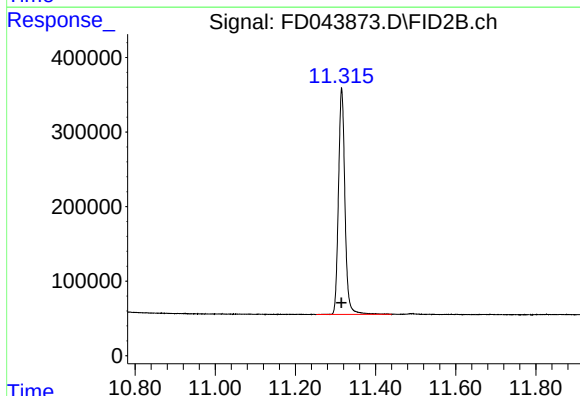
R.T.: 10.552 min
Delta R.T.: 0.001 min
Response: 2697473
Conc: 18.64 ug/ml

Instrument :
FID_D
ClientSampleId :



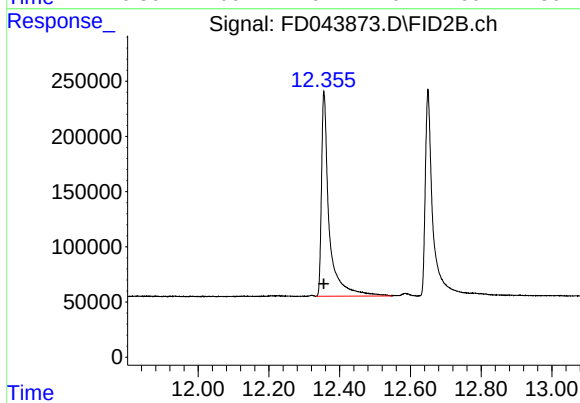
#10 Anthracene (C19.43)

R.T.: 10.629 min
Delta R.T.: 0.002 min
Response: 2717838
Conc: 18.52 ug/ml



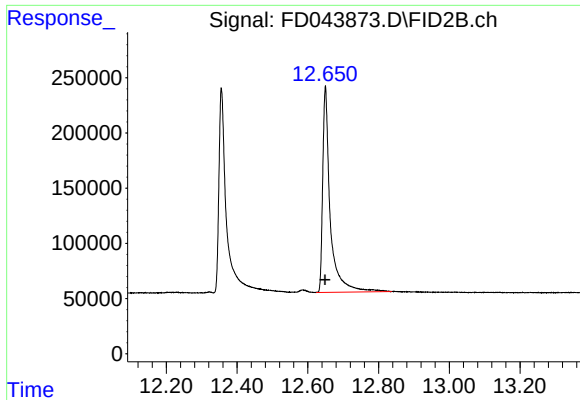
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.000 min
Response: 3393508
Conc: 18.22 ug/ml



#12 Fluoranthene (C21.85)

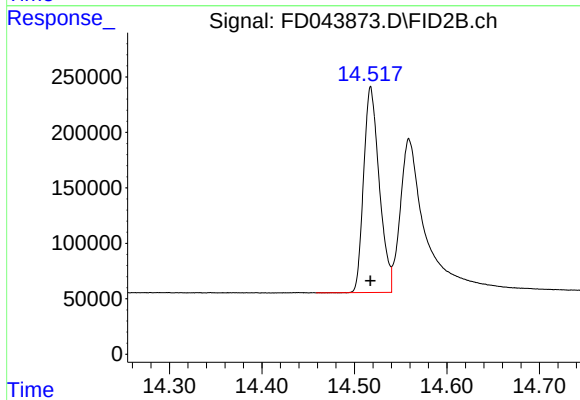
R.T.: 12.356 min
Delta R.T.: 0.000 min
Response: 2824966
Conc: 18.42 ug/ml



#13 Pyrene (C20.8)

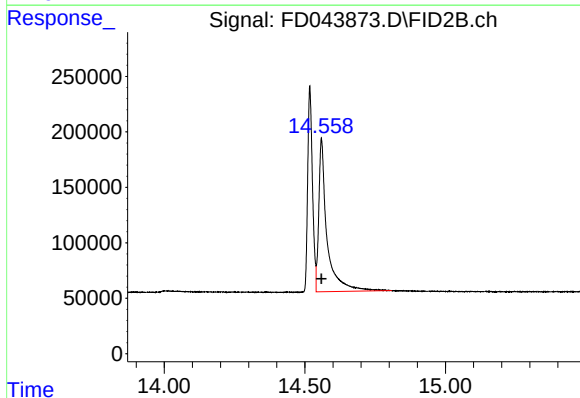
R.T.: 12.650 min
Delta R.T.: 0.001 min
Response: 2768318
Conc: 18.61 ug/ml

Instrument :
FID_D
ClientSampleId :



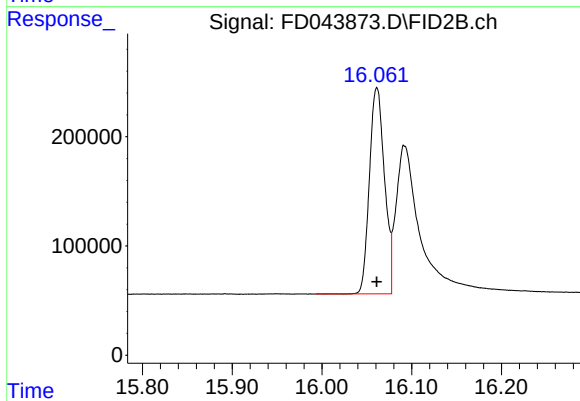
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: 0.000 min
Response: 2170815
Conc: 19.42 ug/ml



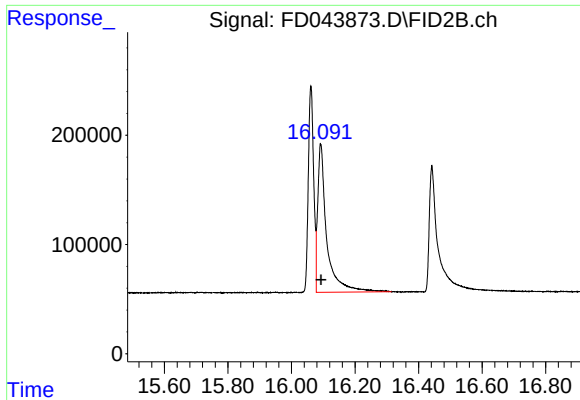
#15 Chrysene (C27.41)

R.T.: 14.559 min
Delta R.T.: 0.001 min
Response: 2830456
Conc: 18.11 ug/ml



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

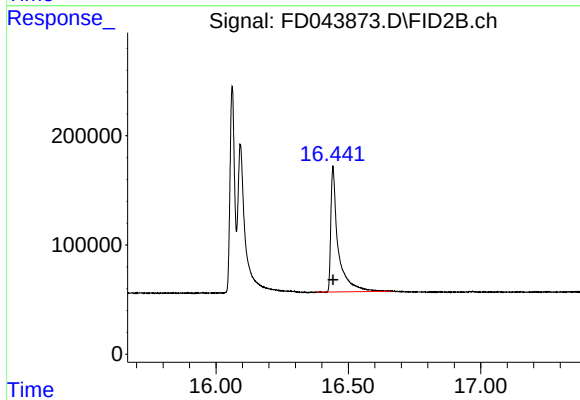
R.T.: 16.061 min
Delta R.T.: 0.000 min
Response: 2202247
Conc: 18.88 ug/ml



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

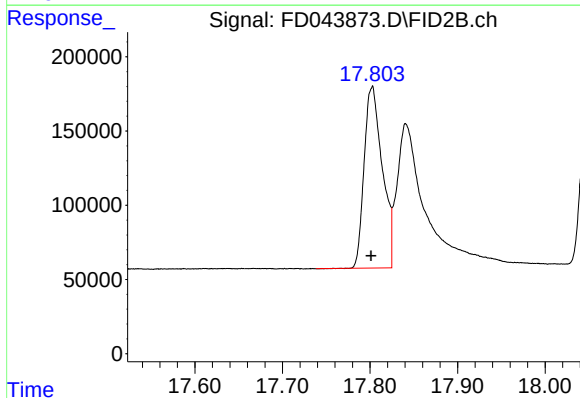
R.T.: 16.092 min
Delta R.T.: 0.000 min
Response: 2700602
Conc: 18.19 ug/ml

Instrument :
FID_D
ClientSampleId :



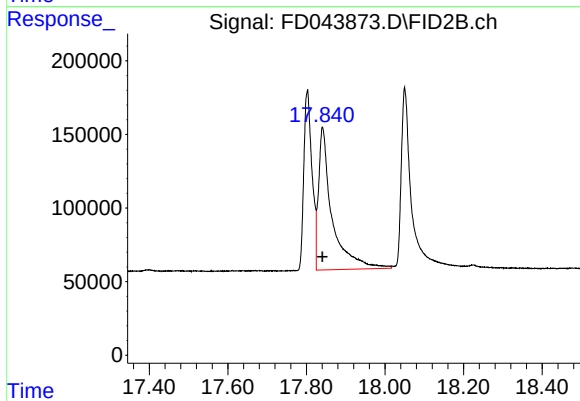
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.442 min
Delta R.T.: 0.000 min
Response: 2221735
Conc: 18.34 ug/ml



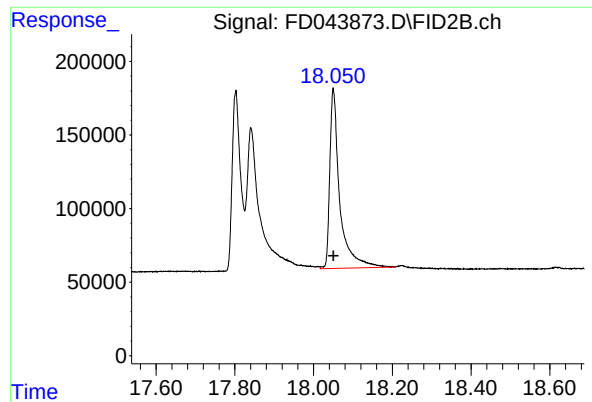
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.802 min
Delta R.T.: 0.001 min
Response: 1757656
Conc: 18.49 ug/ml



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

R.T.: 17.841 min
Delta R.T.: 0.000 min
Response: 2330647
Conc: 19.40 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 2145360
Conc: 18.83 ug/ml

Instrument :

FID_D

ClientSampleId :