

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101822AR\
 Data File : FD044165.D
 Signal(s) : FID2B.ch
 Acq On : 18 Oct 2022 15:56
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 19 05:30:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.418	2258667	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
6) S 2-Fluorobiphenyl (SURR)	8.274	1352948	17.968 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.94%
11) S ortho-Terphenyl (SURR)	11.300	3064090	18.103 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	2580118	18.279 ug/ml
2) T Naphthalene (C11.7)	5.759	2525817	18.424 ug/ml
3) T 2-Methylnaphthalene (...)	6.804	2551488	17.999 ug/ml
5) T Acenaphthylene (C15.06)	8.073	2546256	18.151 ug/ml
7) T Acenaphthene (C15.5)	8.365	2832209	18.213 ug/ml
8) T Flouorene (C16.55)	9.146	2567430	18.250 ug/ml
9) T Phenanthrene (C19.36)	10.537	2449423	18.188 ug/ml
10) T Anthracene (C19.43)	10.613	2346027	17.460 ug/ml
12) T Fluoranthene (C21.85)	12.340	2456020	18.390 ug/ml
13) T Pyrene (C20.8)	12.635	2286035	18.098 ug/ml
14) T Benzo[a]anthracene (C...	14.505	1977555	18.618 ug/ml
15) T Chrysene (C27.41)	14.546	2447842	18.673 ug/ml
16) T benzo[b]fluoranthene ...	16.051	2114328	18.840 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	2378526	18.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	2008139	17.282 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	2001053	18.770 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	2311711	18.686 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	2179046	18.561 ug/ml

(f)=RT Delta > 1/2 Window

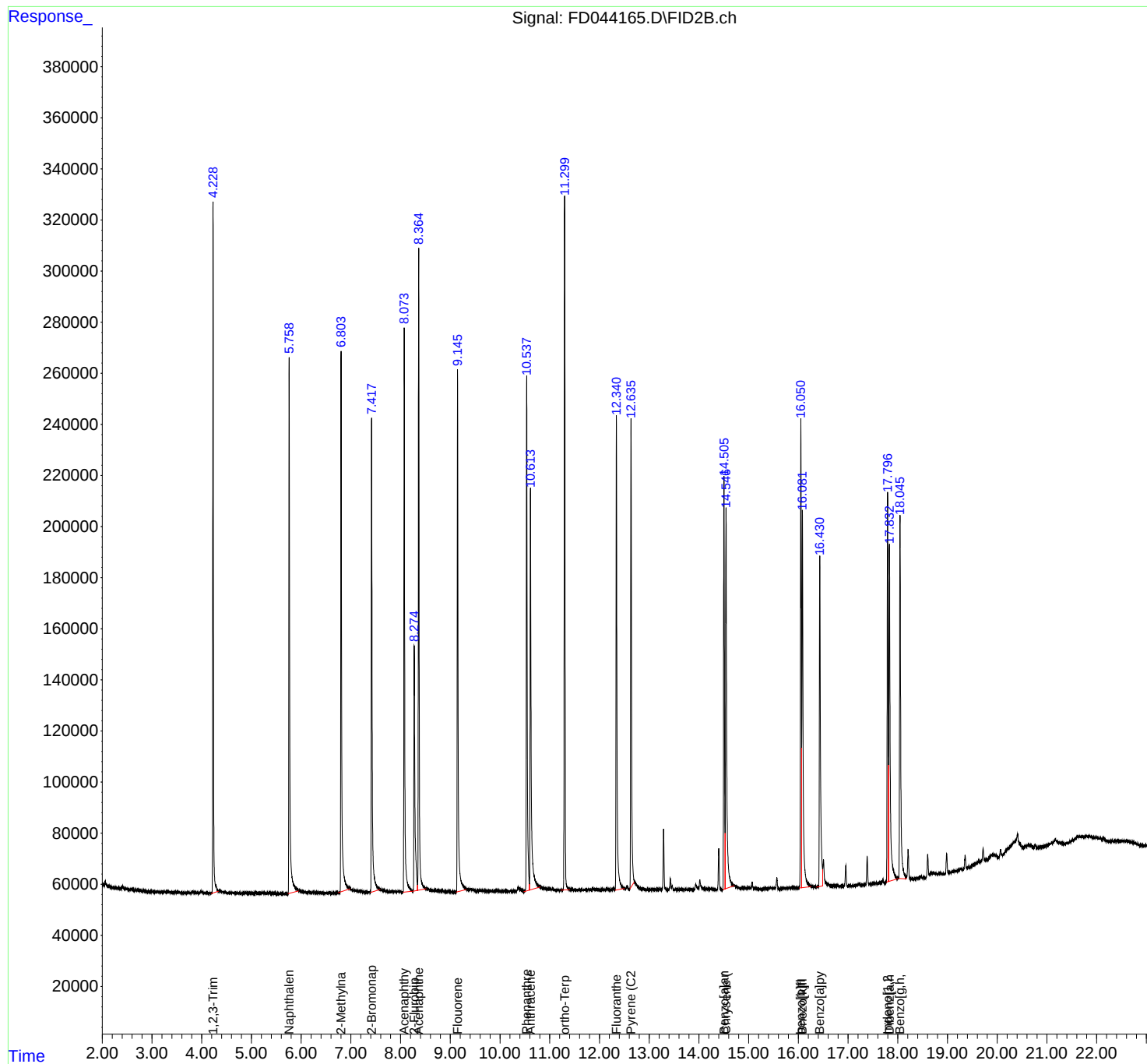
(m)=manual int.

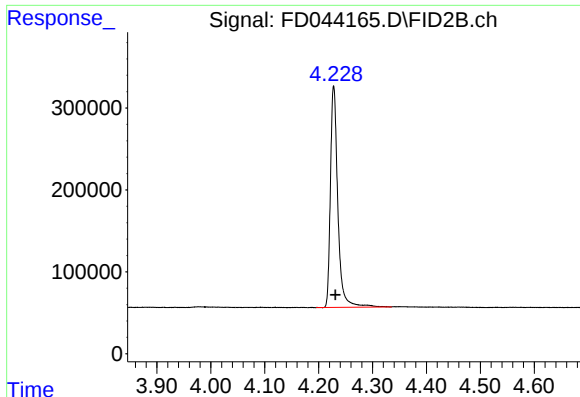
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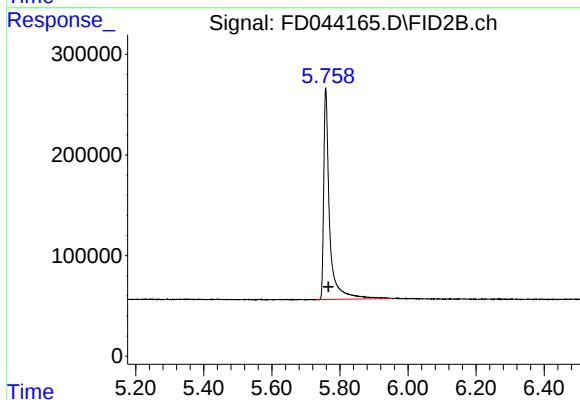




#1 1,2,3-Trimethylbenzene (C10.1)

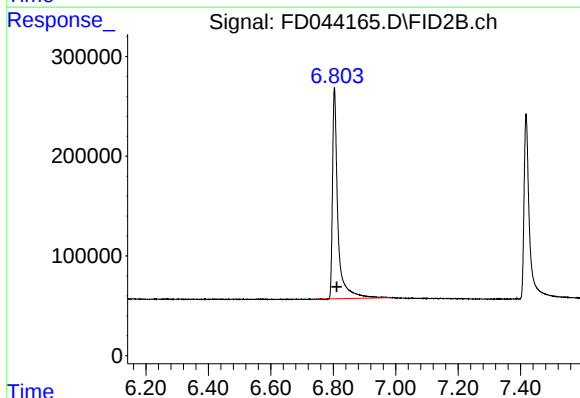
R.T.: 4.228 min
Delta R.T.: -0.003 min
Response: 2580118
Conc: 18.28 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



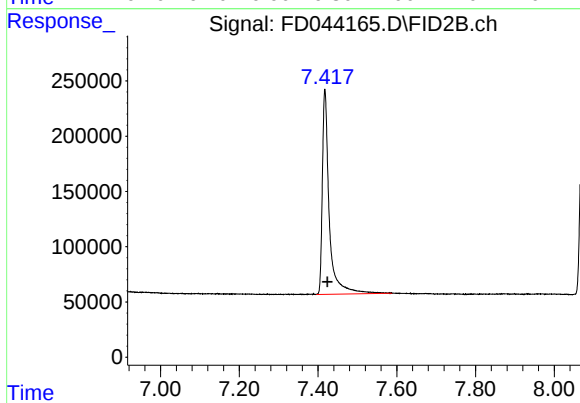
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.007 min
Response: 2525817
Conc: 18.42 ug/ml



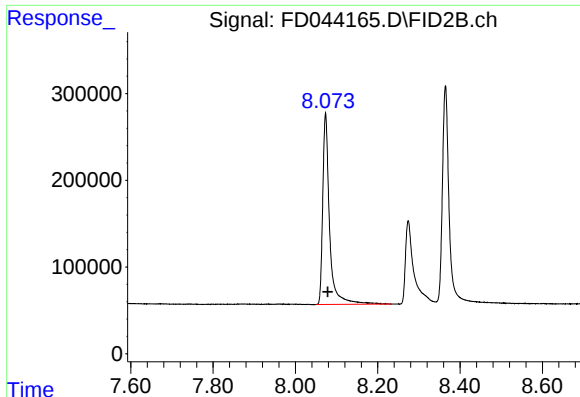
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 2551488
Conc: 18.00 ug/ml



#4 2-Bromonaphthalene (SURR)

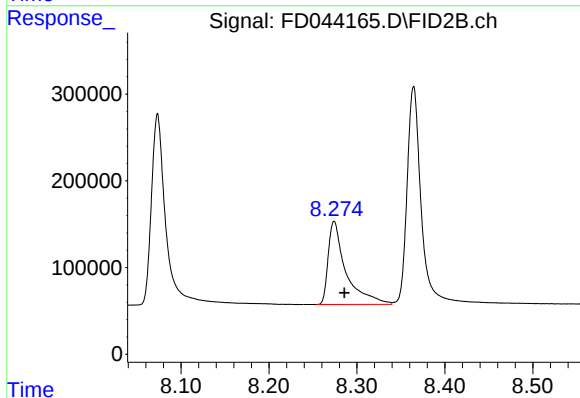
R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 2258667
Conc: 18.19 ug/ml



#5 Acenaphthylene (C15.06)

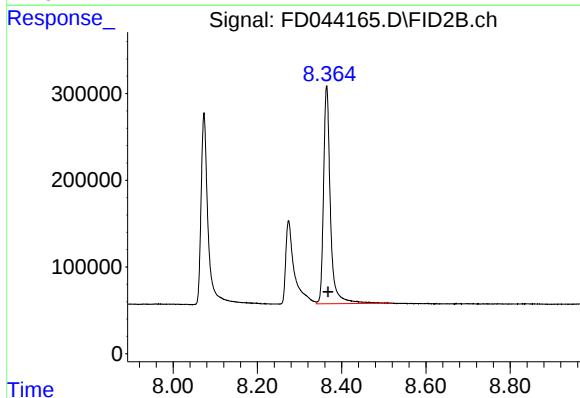
R.T.: 8.073 min
Delta R.T.: -0.005 min
Response: 2546256
Conc: 18.15 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



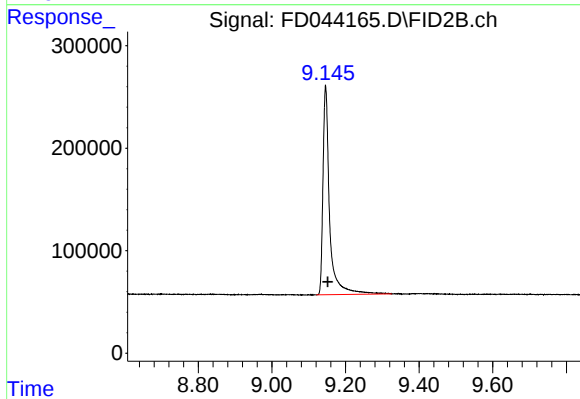
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.011 min
Response: 1352948
Conc: 17.97 ug/ml



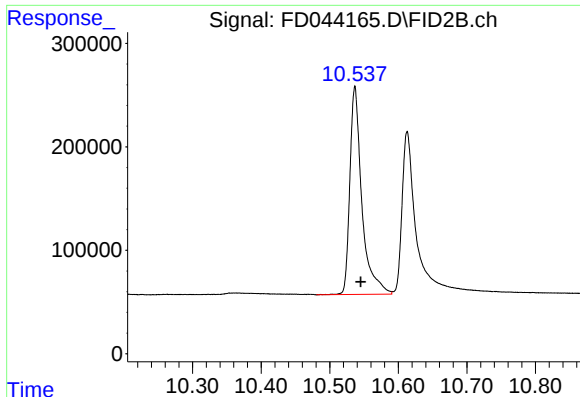
#7 Acenaphthene (C15.5)

R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 2832209
Conc: 18.21 ug/ml



#8 Fluorene (C16.55)

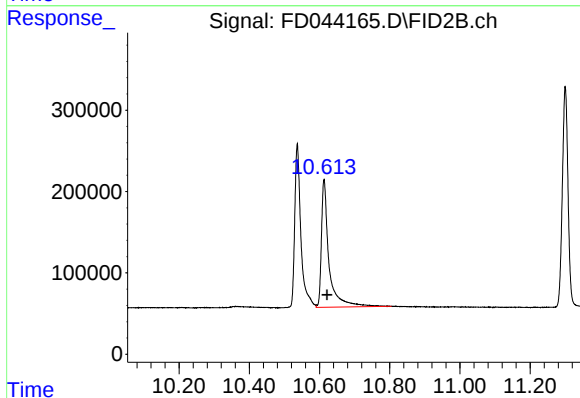
R.T.: 9.146 min
Delta R.T.: -0.006 min
Response: 2567430
Conc: 18.25 ug/ml



#9 Phenanthrene (C19.36)

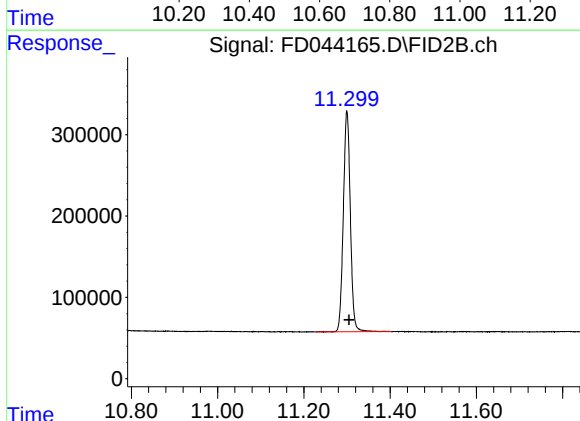
R.T.: 10.537 min
Delta R.T.: -0.008 min
Response: 2449423
Conc: 18.19 ug/ml

Instrument :
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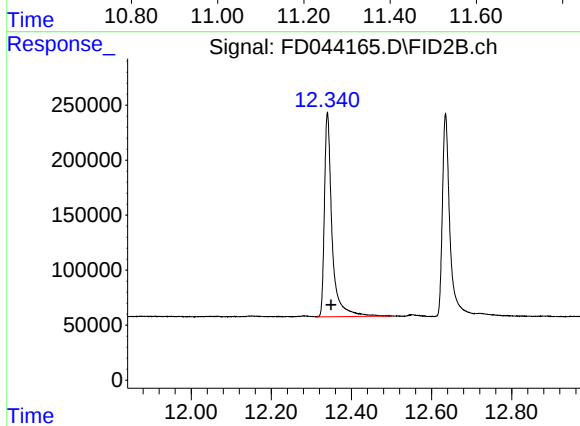
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.008 min
Response: 2346027
Conc: 17.46 ug/ml



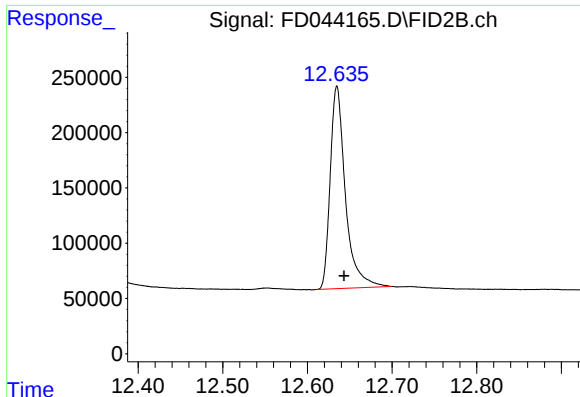
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: -0.004 min
Response: 3064090
Conc: 18.10 ug/ml



#12 Fluoranthene (C21.85)

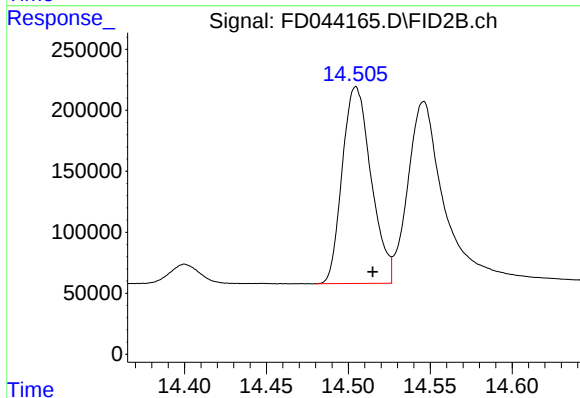
R.T.: 12.340 min
Delta R.T.: -0.008 min
Response: 2456020
Conc: 18.39 ug/ml



#13 Pyrene (C20.8)

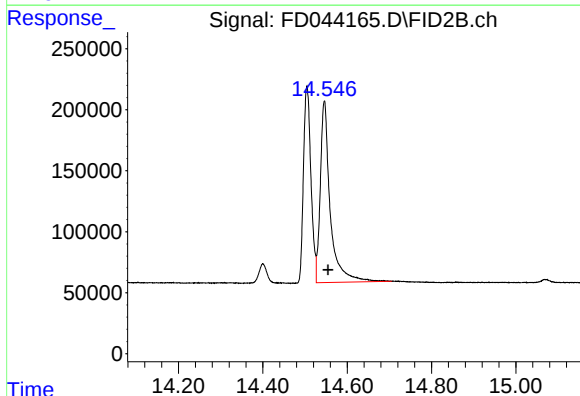
R.T.: 12.635 min
Delta R.T.: -0.008 min
Response: 2286035
Conc: 18.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



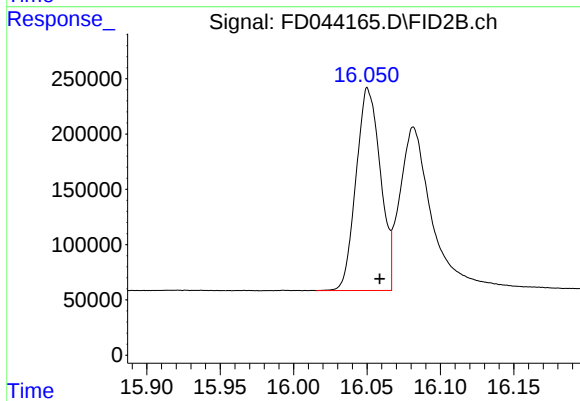
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min
Delta R.T.: -0.010 min
Response: 1977555
Conc: 18.62 ug/ml



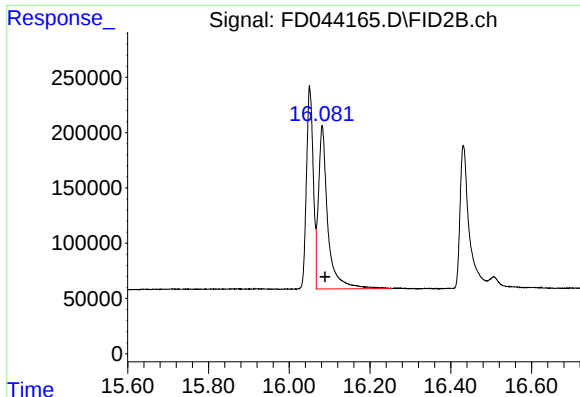
#15 Chrysene (C27.41)

R.T.: 14.546 min
Delta R.T.: -0.009 min
Response: 2447842
Conc: 18.67 ug/ml



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

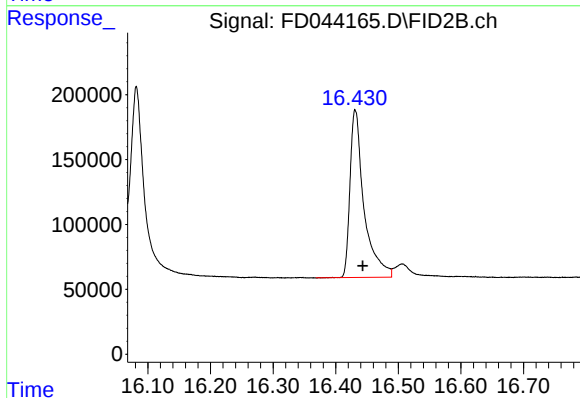
R.T.: 16.051 min
Delta R.T.: -0.008 min
Response: 2114328
Conc: 18.84 ug/ml



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

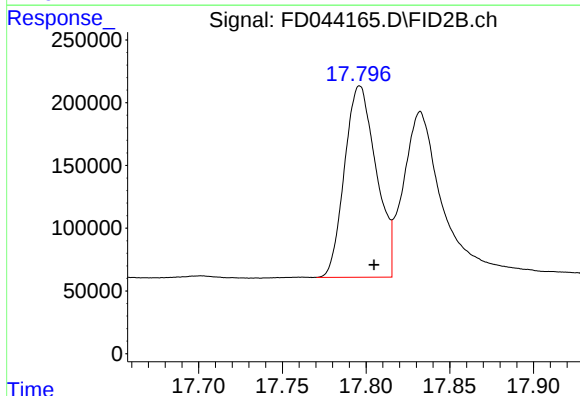
R.T.: 16.082 min
Delta R.T.: -0.007 min
Response: 2378526
Conc: 18.69 ug/ml

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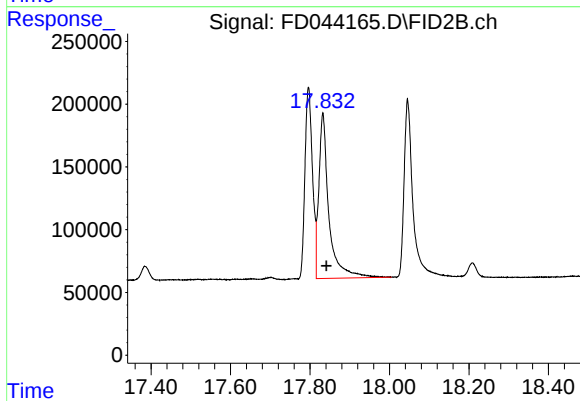
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.432 min
Delta R.T.: -0.012 min
Response: 2008139
Conc: 17.28 ug/ml



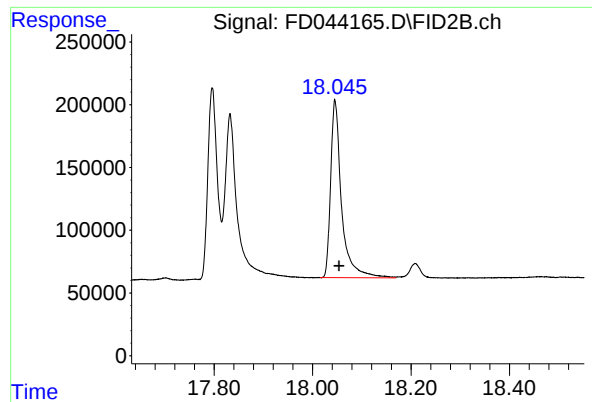
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.009 min
Response: 2001053
Conc: 18.77 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.009 min
Response: 2311711
Conc: 18.69 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.008 min
Response: 2179046
Conc: 18.56 ug/ml

Instrument :

FID_D

ClientSampleId :

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