

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101722AR\
 Data File : FD044152.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2022 16:34
 Operator : YP/AJ
 Sample : N4955-02
 Misc : 2.5 PPM SOIL LOQ
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 18 03:33:10 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...	7.416	6625732	53.366 ug/ml
Spiked Amount 50.000		Recovery =	106.73%
6) S 2-Fluorobiphenyl (SURR)	8.270	3788775	50.317 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	100.63%
11) S ortho-Terphenyl (SURR)	11.305	7299982	43.129 ug/ml
Spiked Amount 50.000		Recovery =	86.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	422879	2.996 ug/ml
2) T Naphthalene (C11.7)	5.766	454888	3.318 ug/ml
3) T 2-Methylnaphthalene (...)	6.812	496905	3.505 ug/ml
5) T Acenaphthylene (C15.06)	8.077	567411	4.045 ug/ml
7) T Acenaphthene (C15.5)	8.366	755419	4.858 ug/ml
8) T Flouorene (C16.55)	9.152	550698	3.915 ug/ml
9) T Phenanthrene (C19.36)	10.544	548047	4.070 ug/ml
10) T Anthracene (C19.43)	10.622	546902	4.070 ug/ml
12) T Fluoranthene (C21.85)	12.347	593886	4.447 ug/ml
13) T Pyrene (C20.8)	12.641	550143	4.355 ug/ml
14) T Benzo[a]anthracene (C...	14.514	445271	4.192 ug/ml
15) T Chrysene (C27.41)	14.554	665758	5.079 ug/ml
16) T benzo[b]fluoranthene ...	16.058	488936	4.357 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	649670	5.106 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	440199	3.788 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.806	461707	4.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.843	614010	4.963 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	582978	4.966 ug/ml

(f)=RT Delta > 1/2 Window

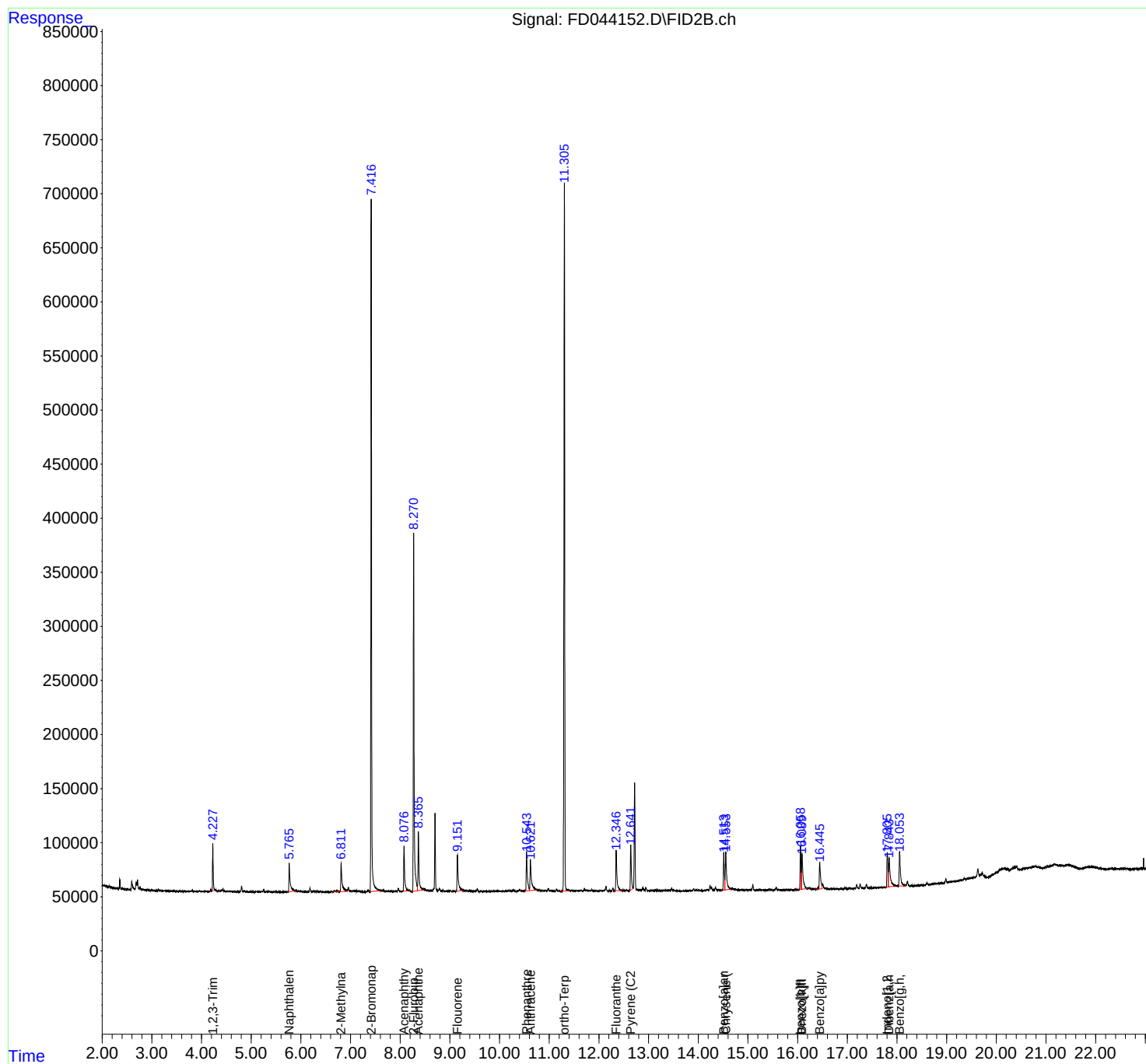
(m)=manual int.

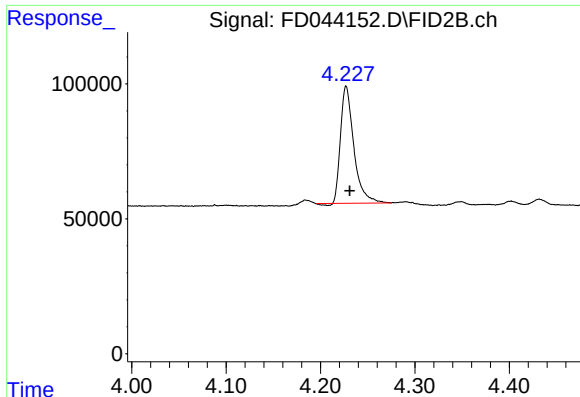
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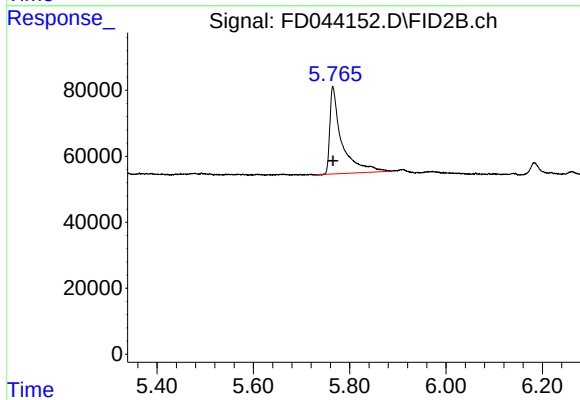




#1 1,2,3-Trimethylbenzene (C10.1)

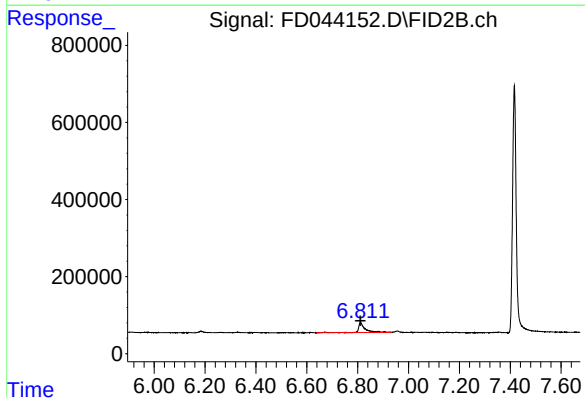
R.T.: 4.228 min
Delta R.T.: -0.003 min
Response: 422879
Conc: 3.00 ug/ml

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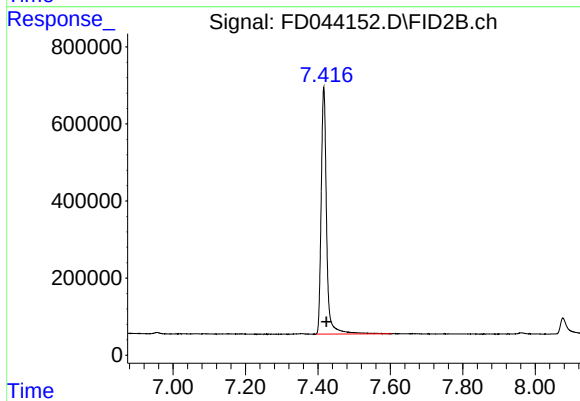
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 454888
Conc: 3.32 ug/ml



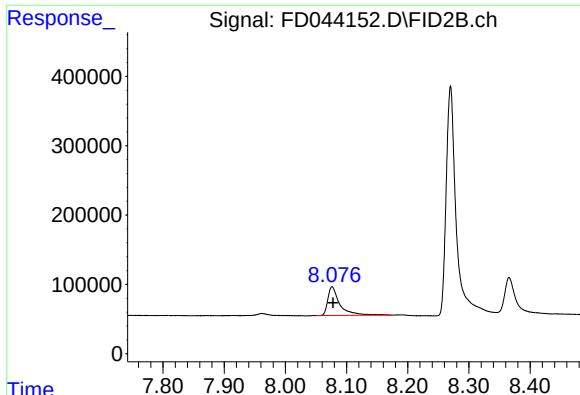
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 496905
Conc: 3.51 ug/ml



#4 2-Bromonaphthalene (SURR)

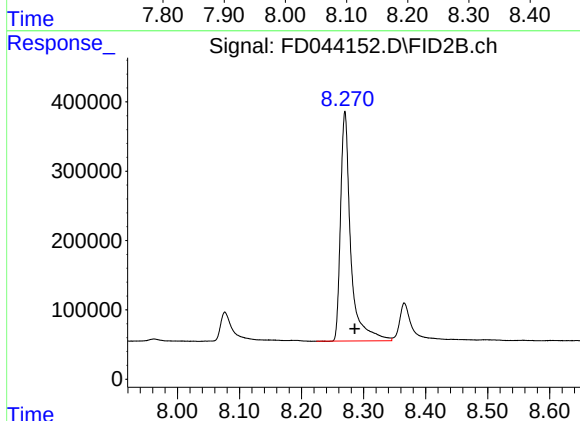
R.T.: 7.416 min
Delta R.T.: -0.007 min
Response: 6625732
Conc: 53.37 ug/ml



#5 Acenaphthylene (C15.06)

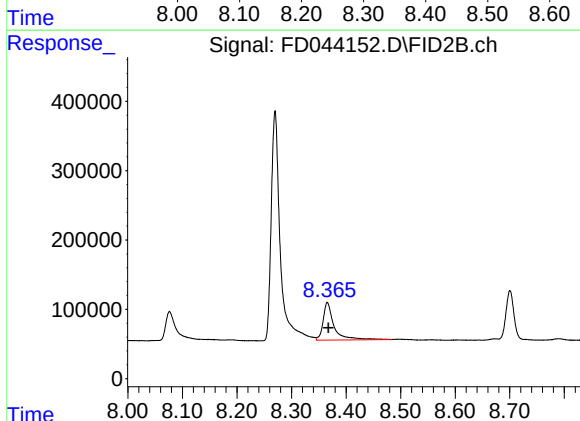
R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 567411
Conc: 4.04 ug/ml

Instrument :
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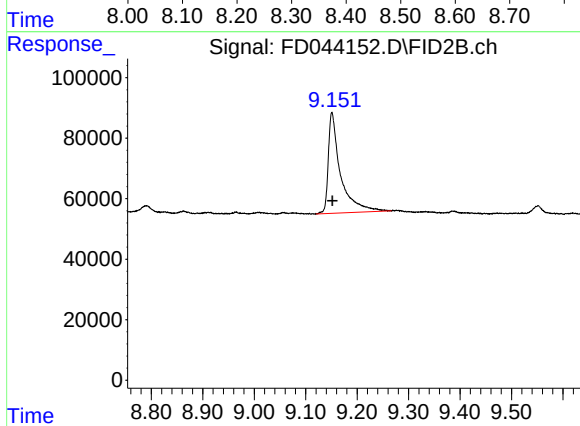
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 3788775
Conc: 50.32 ug/ml



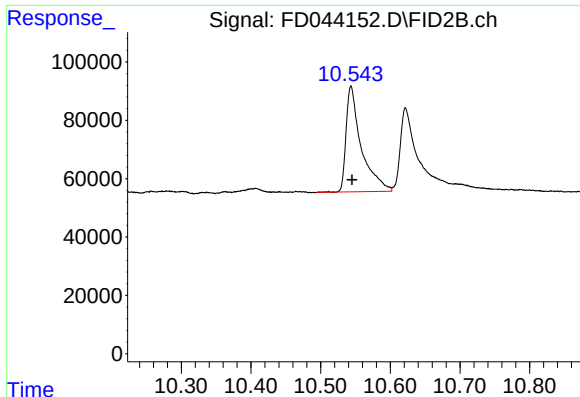
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 755419
Conc: 4.86 ug/ml



#8 Fluorene (C16.55)

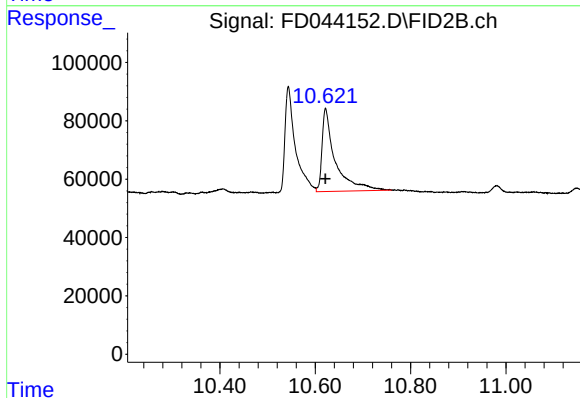
R.T.: 9.152 min
Delta R.T.: 0.000 min
Response: 550698
Conc: 3.91 ug/ml



#9 Phenanthrene (C19.36)

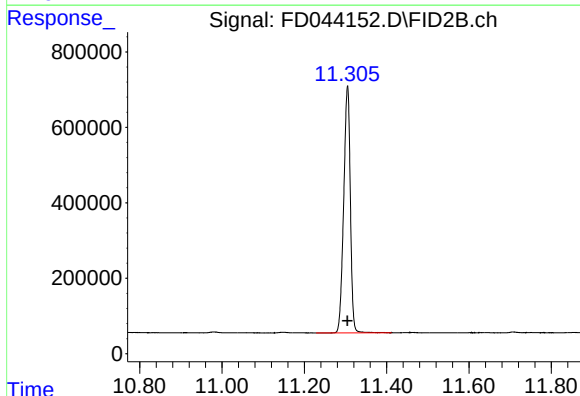
R.T.: 10.544 min
Delta R.T.: -0.001 min
Response: 548047
Conc: 4.07 ug/ml

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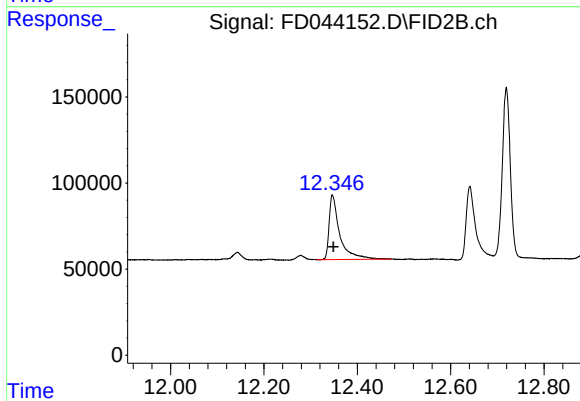
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 546902
Conc: 4.07 ug/ml



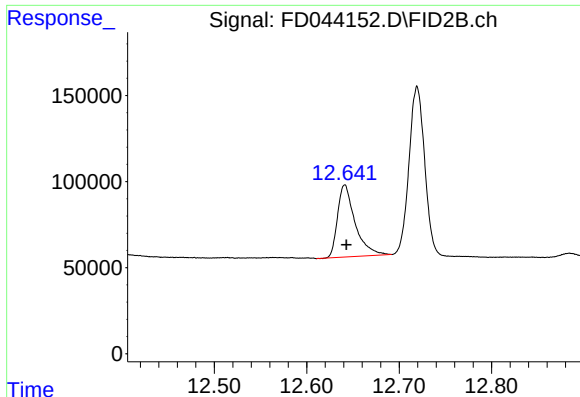
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 7299982
Conc: 43.13 ug/ml



#12 Fluoranthene (C21.85)

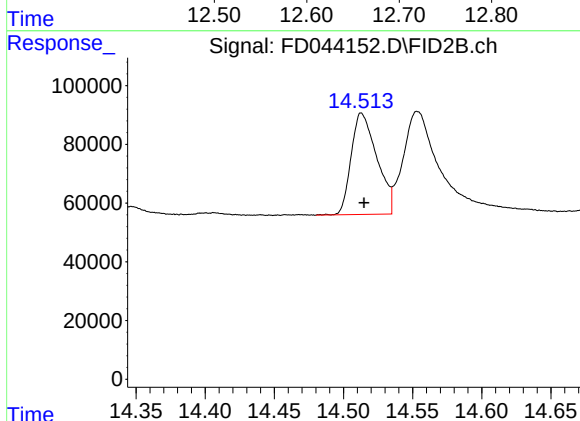
R.T.: 12.347 min
Delta R.T.: -0.001 min
Response: 593886
Conc: 4.45 ug/ml



#13 Pyrene (C20.8)

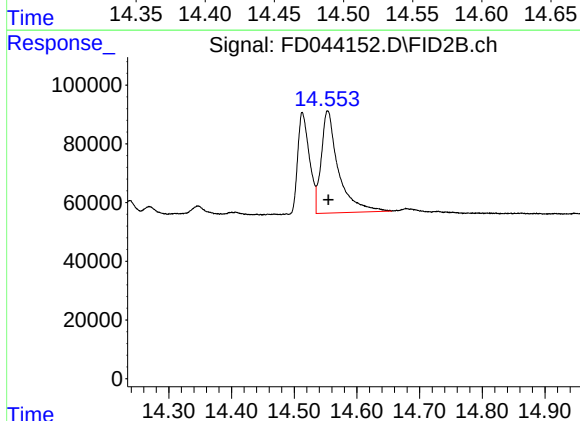
R.T.: 12.641 min
Delta R.T.: -0.002 min
Response: 550143
Conc: 4.36 ug/ml

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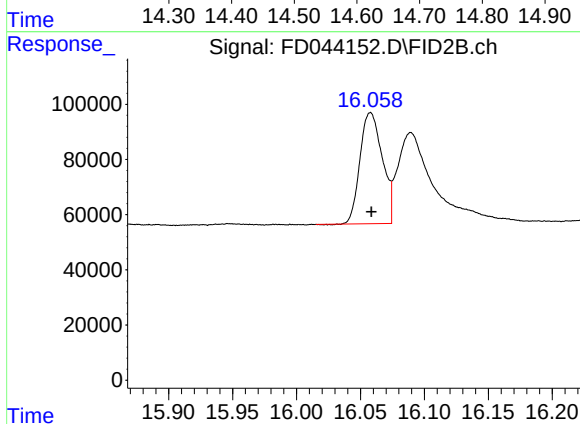
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.001 min
Response: 445271
Conc: 4.19 ug/ml



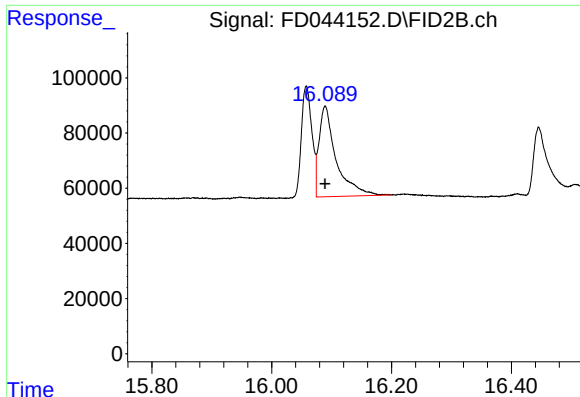
#15 Chrysene (C27.41)

R.T.: 14.554 min
Delta R.T.: 0.000 min
Response: 665758
Conc: 5.08 ug/ml



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

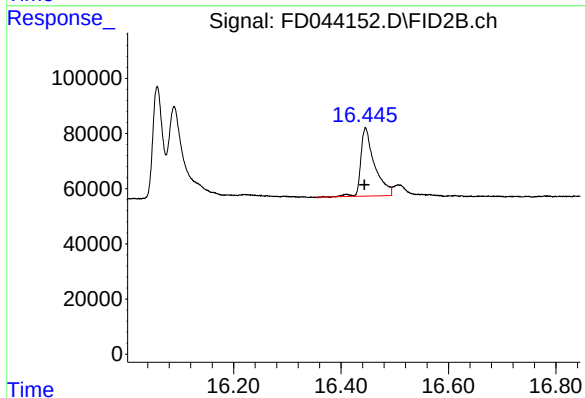
R.T.: 16.058 min
Delta R.T.: 0.000 min
Response: 488936
Conc: 4.36 ug/ml



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

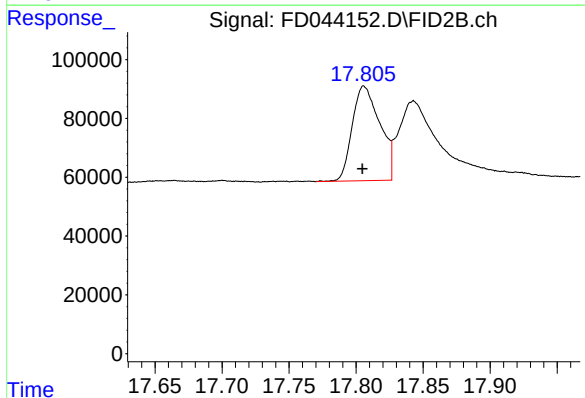
R.T.: 16.089 min
Delta R.T.: 0.000 min
Response: 649670
Conc: 5.11 ug/ml

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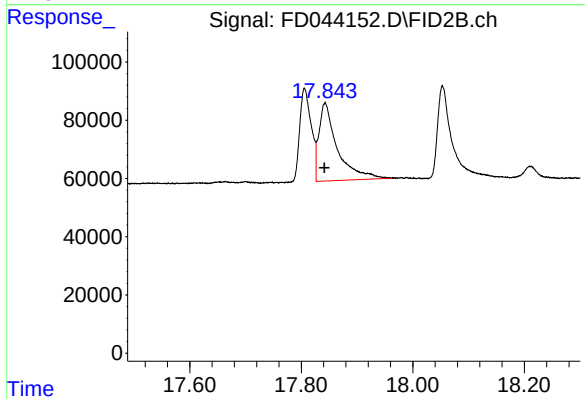
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.446 min
Delta R.T.: 0.002 min
Response: 440199
Conc: 3.79 ug/ml



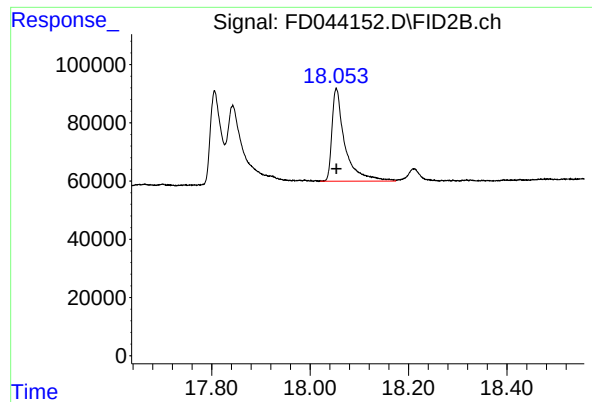
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.001 min
Response: 461707
Conc: 4.33 ug/ml



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

R.T.: 17.843 min
Delta R.T.: 0.001 min
Response: 614010
Conc: 4.96 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 582978
Conc: 4.97 ug/ml

Instrument :

FID_D

ClientSampleId :

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