

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045705.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 11:16
 Operator : YP/AJ
 Sample : 02837-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 04:46:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.557	32758550	192.050 ug/ml
Spiked Amount 50.000		Recovery =	384.10%
6) S 2-Fluorobiphenyl (SURR)	8.421	40124614	348.988 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	697.98%#
11) S ortho-Terphenyl (SURR)	11.403	31627939	149.809 ug/ml
Spiked Amount 50.000		Recovery =	299.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	6290703	33.700 ug/ml
2) T Naphthalene (C11.7)	5.885	10424359	52.996 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	25572559	129.451 ug/ml
5) T Acenaphthylene (C15.06)	8.196	14291712	79.546 ug/ml
7) T Acenaphthene (C15.5)	8.521	57331164	301.269 ug/ml
8) T Fluorene (C16.55)	9.278	16805077	89.108 ug/ml
9) T Phenanthrene (C19.36)	10.674	39786833	214.052 ug/ml
10) T Anthracene (C19.43)	10.713	64286934	359.602 ug/ml
12) T Fluoranthene (C21.85)	12.451	48543187	269.091 ug/ml
13) T Pyrene (C20.8)	12.769	14911761	85.084 ug/ml
14) T Benzo[a]anthracene (C...	14.658	16139246	101.396 ug/ml
15) T Chrysene (C27.41)	14.658	16139246	99.393 ug/ml
16) T benzo[b]fluoranthene ...	16.187	7585720	51.506 ug/ml
17) T Bnezo[k]fluoranthene ...	16.187	7585720	52.463 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	6371156	45.695 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	6451883	50.781 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	6691726	52.104 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	6563048	51.025 ug/ml

(f)=RT Delta > 1/2 Window

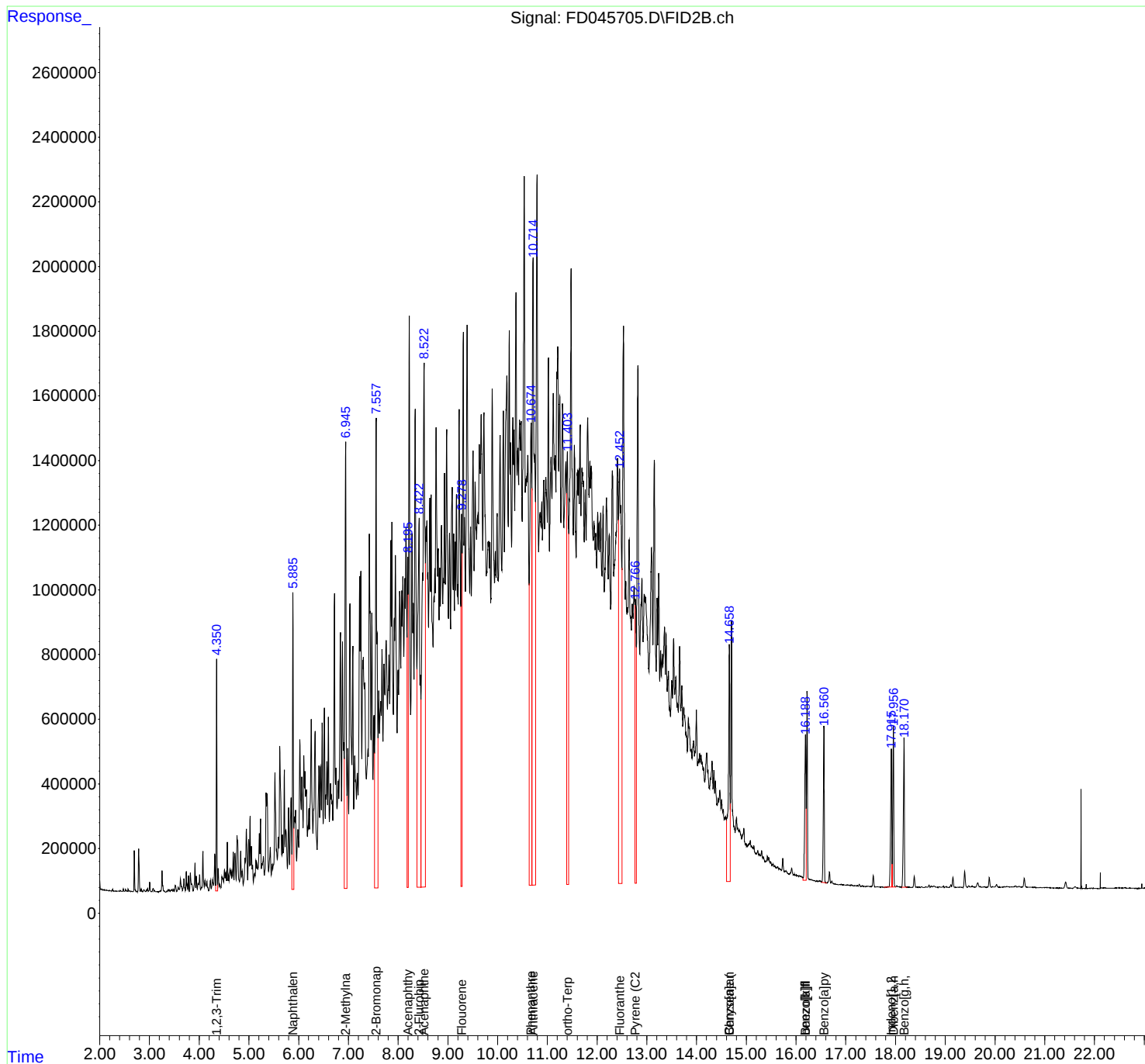
(m)=manual int.

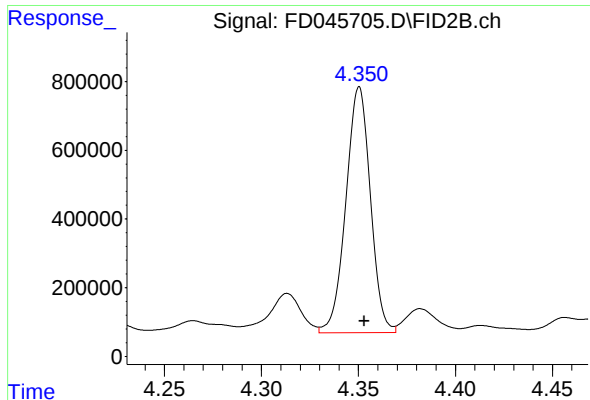
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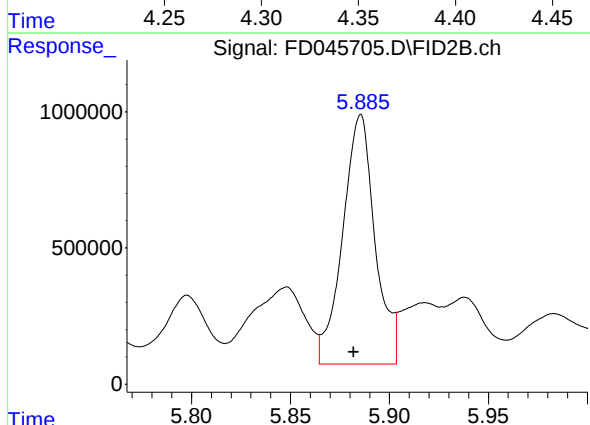




#1 1,2,3-Trimethylbenzene (C10.1)

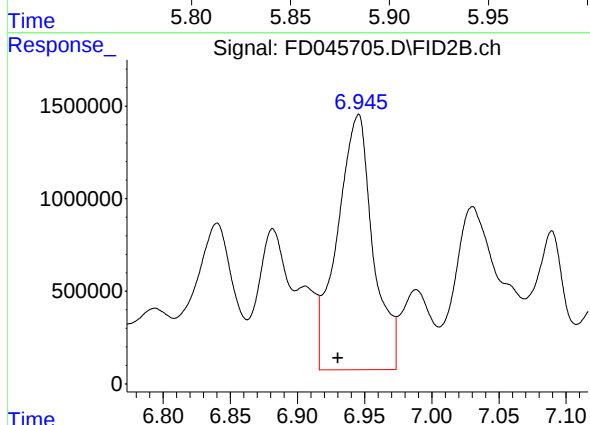
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 6290703
Conc: 33.70 ug/ml

Instrument :
FID_D
ClientSampleId :



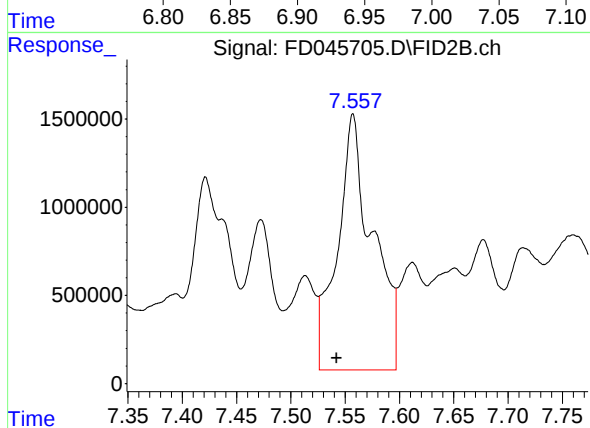
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: 0.003 min
Response: 10424359
Conc: 53.00 ug/ml



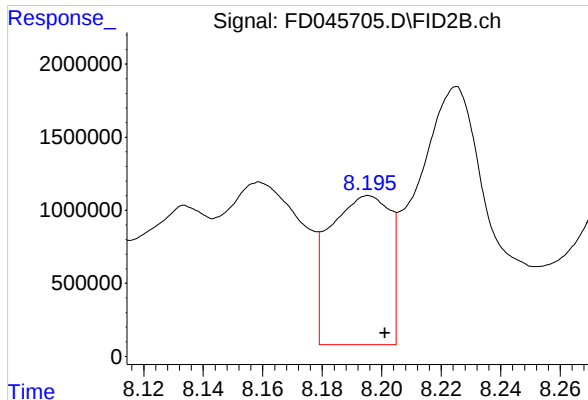
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.014 min
Response: 25572559
Conc: 129.45 ug/ml



#4 2-Bromonaphthalene (SURR)

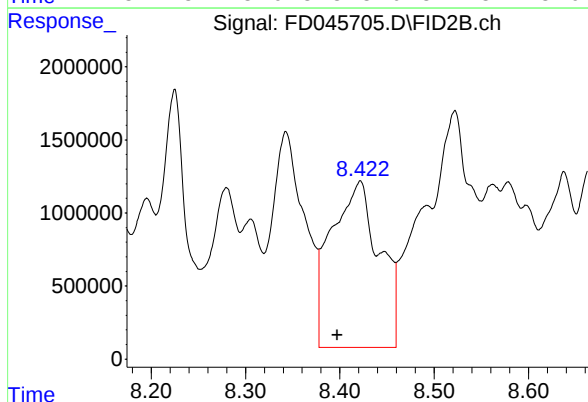
R.T.: 7.557 min
Delta R.T.: 0.015 min
Response: 32758550
Conc: 192.05 ug/ml



#5 Acenaphthylene (C15.06)

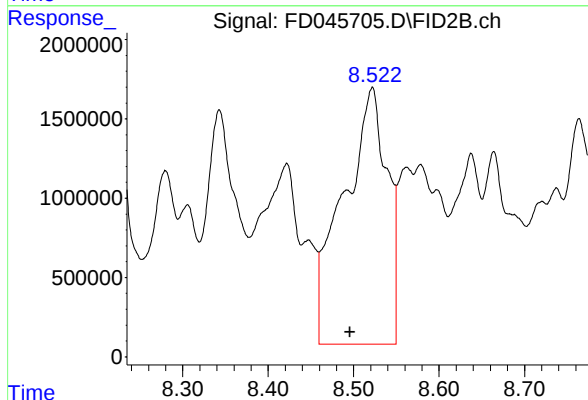
R.T.: 8.196 min
Delta R.T.: -0.006 min
Response: 14291712
Conc: 79.55 ug/ml

Instrument :
FID_D
ClientSampleId :



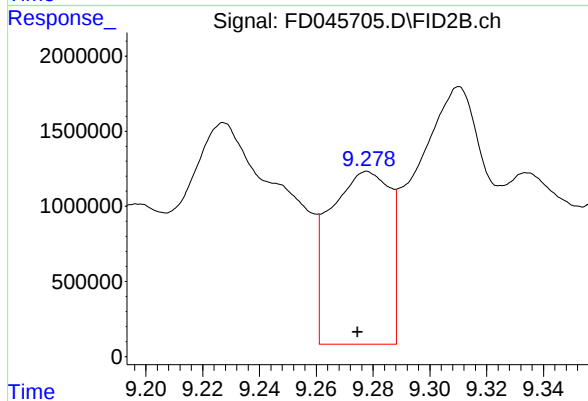
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.421 min
Delta R.T.: 0.024 min
Response: 40124614
Conc: 348.99 ug/ml



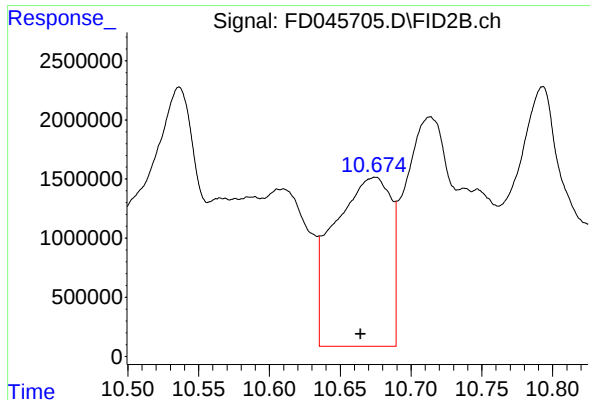
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: 0.026 min
Response: 57331164
Conc: 301.27 ug/ml



#8 Fluorene (C16.55)

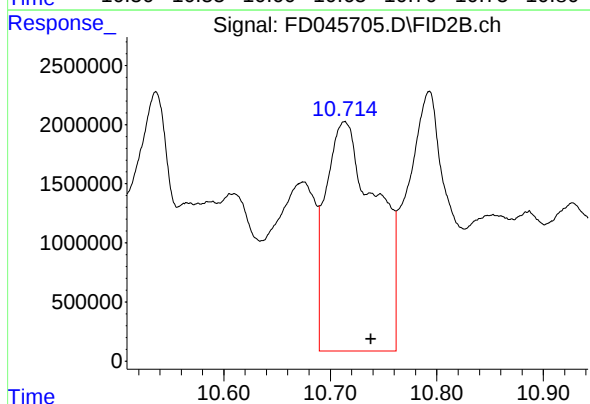
R.T.: 9.278 min
Delta R.T.: 0.004 min
Response: 16805077
Conc: 89.11 ug/ml



#9 Phenanthrene (C19.36)

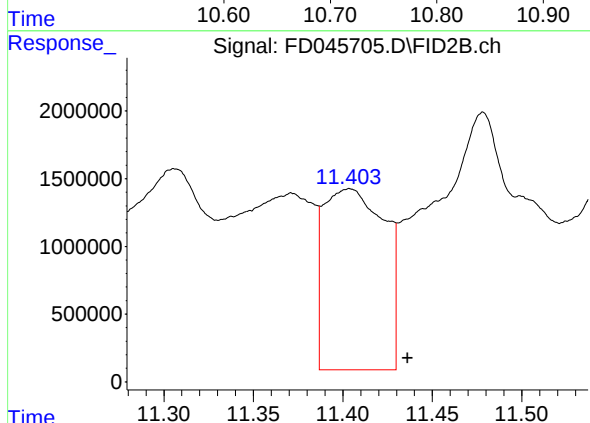
R.T.: 10.674 min
Delta R.T.: 0.009 min
Response: 39786833
Conc: 214.05 ug/ml

Instrument :
FID_D
ClientSampleId :



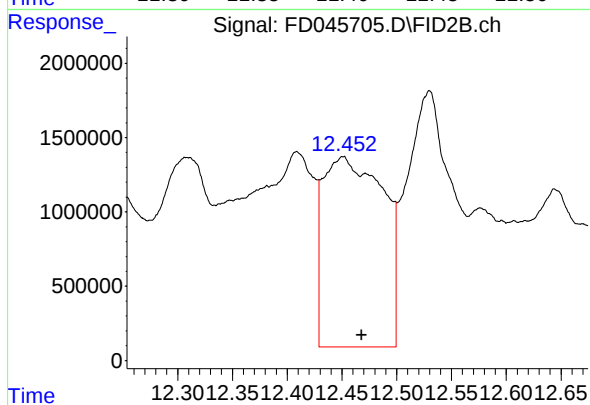
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.025 min
Response: 64286934
Conc: 359.60 ug/ml



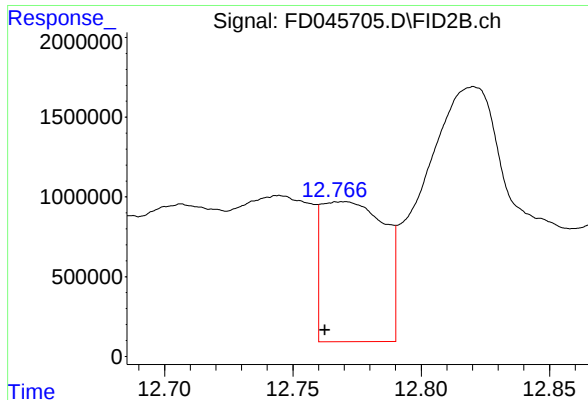
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: -0.033 min
Response: 31627939
Conc: 149.81 ug/ml



#12 Fluoranthene (C21.85)

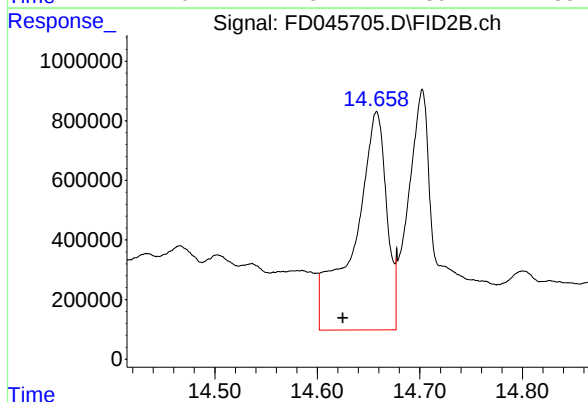
R.T.: 12.451 min
Delta R.T.: -0.017 min
Response: 48543187
Conc: 269.09 ug/ml



#13 Pyrene (C20.8)

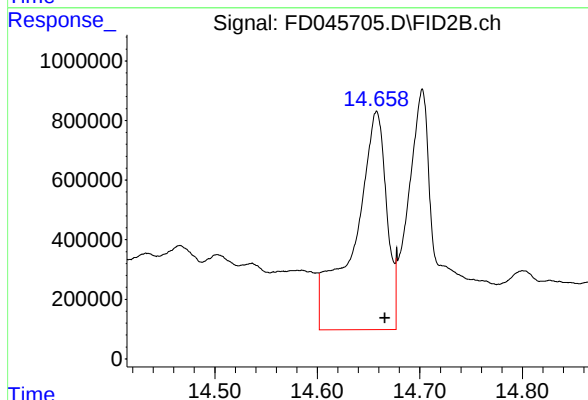
R.T.: 12.769 min
Delta R.T.: 0.007 min
Response: 14911761
Conc: 85.08 ug/ml

Instrument :
FID_D
ClientSampleId :



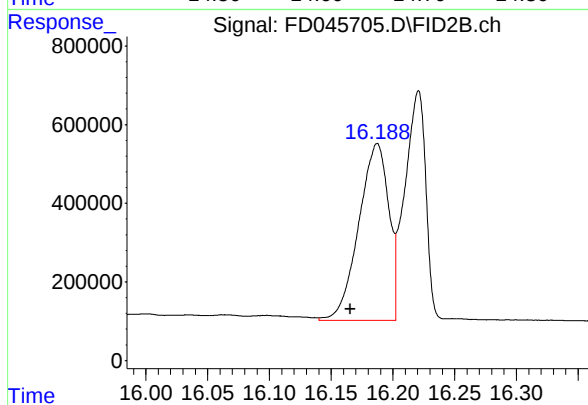
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.658 min
Delta R.T.: 0.032 min
Response: 16139246
Conc: 101.40 ug/ml



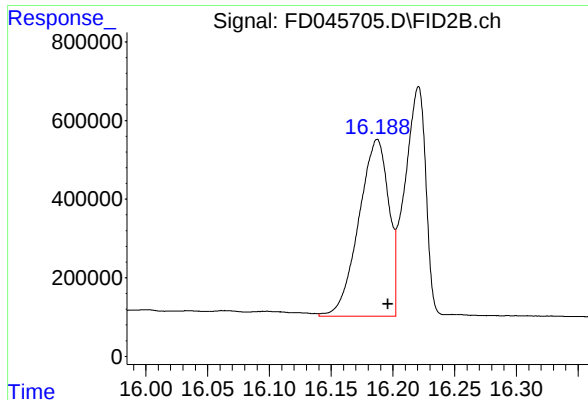
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.008 min
Response: 16139246
Conc: 99.39 ug/ml



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

R.T.: 16.187 min
Delta R.T.: 0.021 min
Response: 7585720
Conc: 51.51 ug/ml



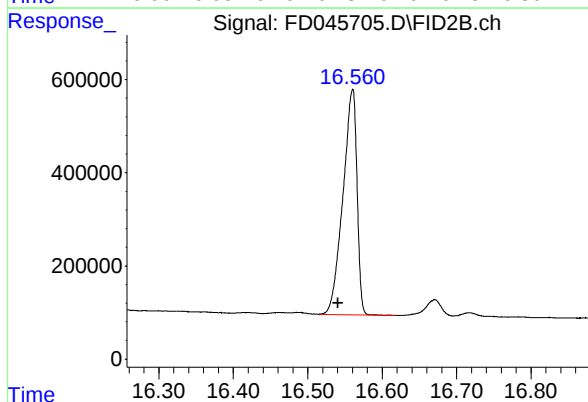
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.187 min
Delta R.T.: -0.009 min
Response: 7585720
Conc: 52.46 ug/ml

Instrument :

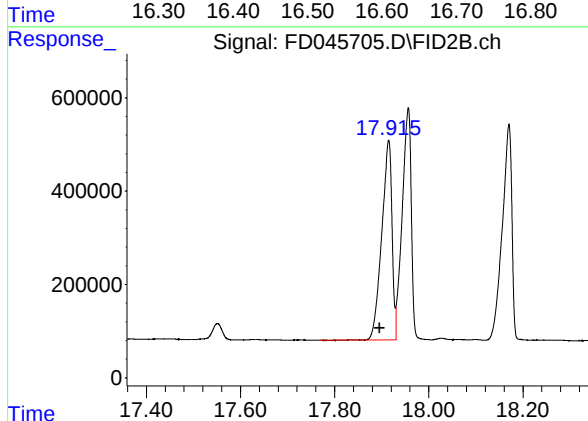
FID_D

ClientSampleId :



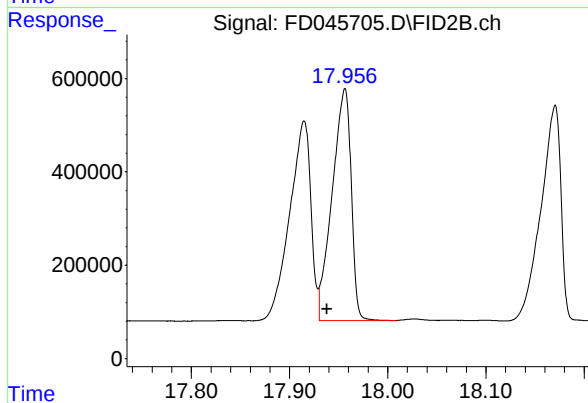
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.019 min
Response: 6371156
Conc: 45.70 ug/ml



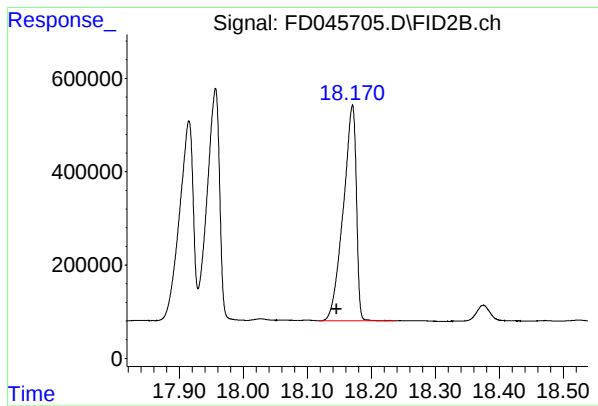
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 6451883
Conc: 50.78 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 6691726
Conc: 52.10 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.024 min
Response: 6563048
Conc: 51.02 ug/ml

Instrument :

FID_D

ClientSampleId :