

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110223AR\
 Data File : FD046832.D
 Signal(s) : FID2B.ch
 Acq On : 02 Nov 2023 17:37
 Operator : YP/AJ
 Sample : PB156855BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 02 23:06:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.485	7809048	42.819 ug/ml
Spiked Amount 50.000		Recovery =	85.64%
6) S 2-Fluorobiphenyl (SURR)	8.337	3299430	28.037 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.07%
11) S ortho-Terphenyl (SURR)	11.378	11436589	54.008 ug/ml
Spiked Amount 50.000		Recovery =	108.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	3491068	18.077 ug/ml
2) T Naphthalene (C11.7)	5.823	4594627	22.945 ug/ml
3) T 2-Methylnaphthalene (...)	6.871	5243681	26.090 ug/ml
5) T Acenaphthylene (C15.06)	8.142	6713528	36.501 ug/ml
7) T Acenaphthene (C15.5)	8.437	6191887	31.610 ug/ml
8) T Fluorene (C16.55)	9.217	8742114	47.263 ug/ml
9) T Phenanthrene (C19.36)	10.607	8845281	49.719 ug/ml
10) T Anthracene (C19.43)	10.681	8275573	48.560 ug/ml
12) T Fluoranthene (C21.85)	12.411	9706097	56.199 ug/ml
13) T Pyrene (C20.8)	12.705	9083742	54.630 ug/ml
14) T Benzo[a]anthracene (C...	14.570	9150774	65.041 ug/ml
15) T Chrysene (C27.41)	14.615	9211869	59.067 ug/ml
16) T benzo[b]fluoranthene ...	16.113	8901376	62.193 ug/ml
17) T Bnezo[k]fluoranthene ...	16.149	8766631	59.880 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	7999107	57.068 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.848	8242523	65.247 ug/ml
20) T Dibenz[a,h]anthracene...	17.888	7842014	56.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	8016263	57.413 ug/ml

(f)=RT Delta > 1/2 Window

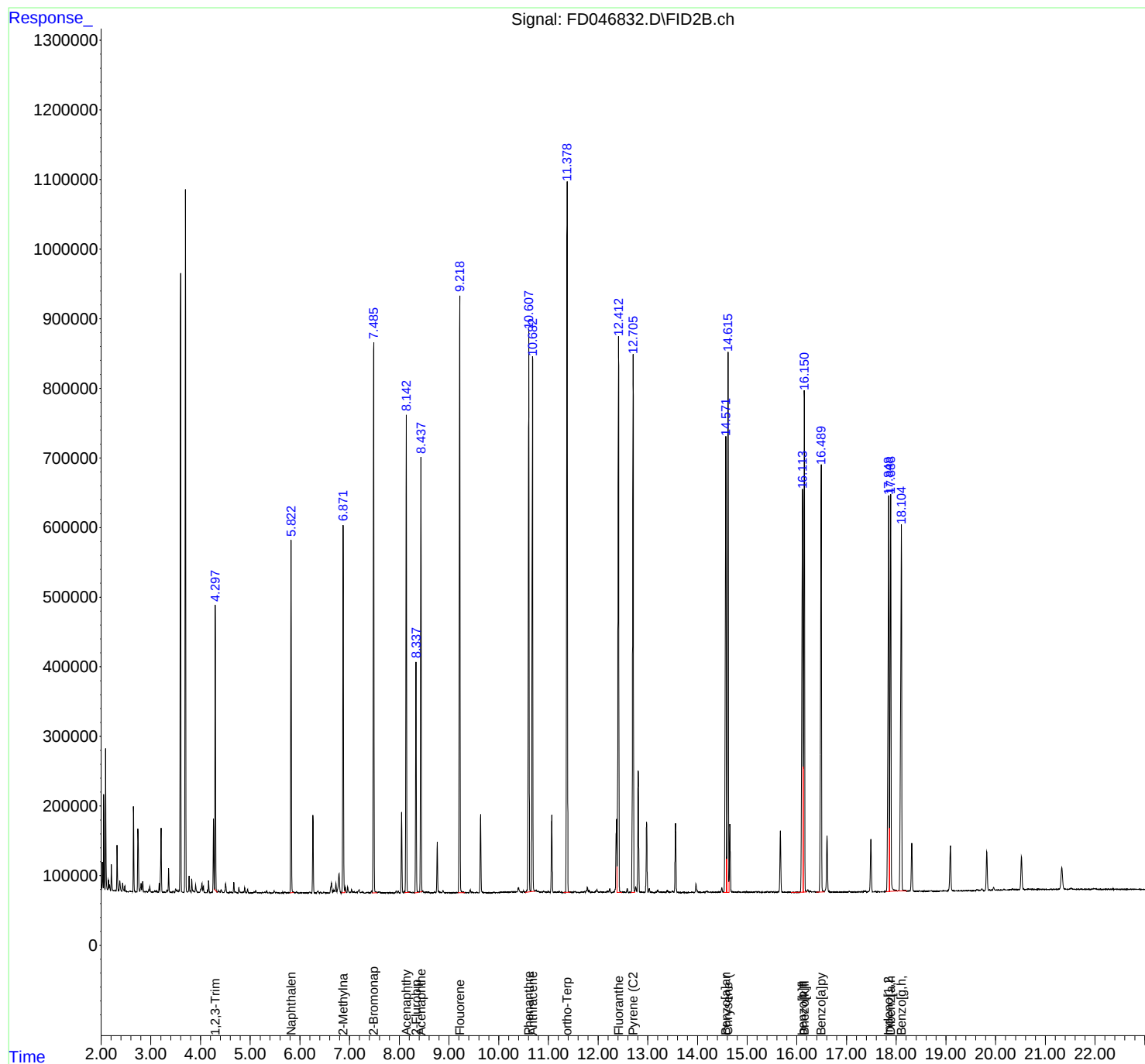
(m)=manual int.

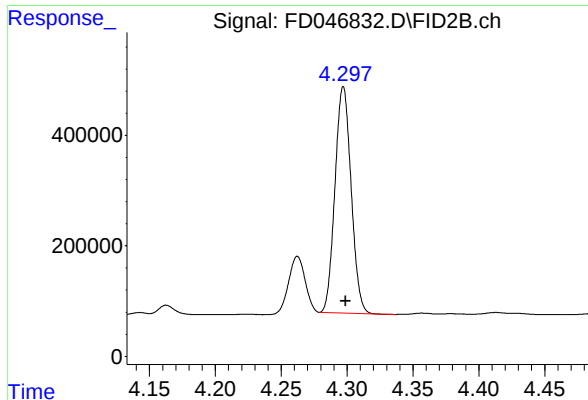
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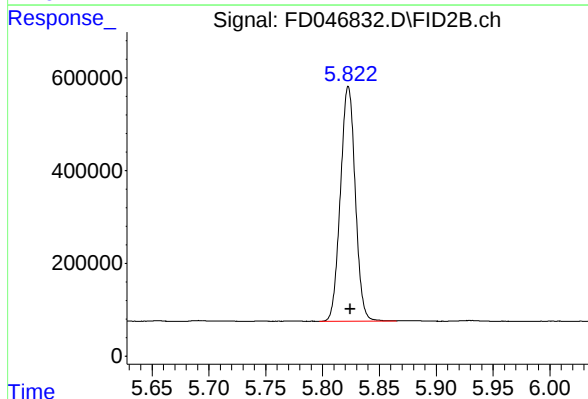




#1 1,2,3-Trimethylbenzene (C10.1)

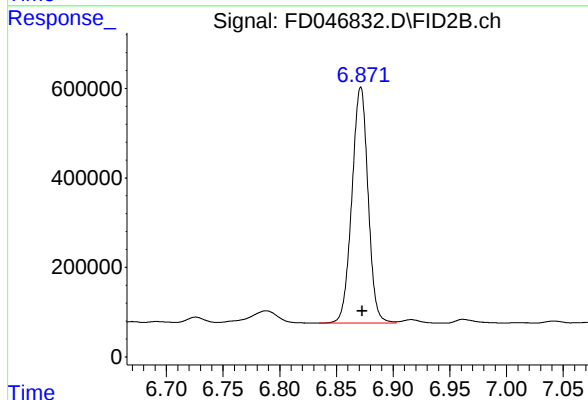
R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 3491068
Conc: 18.08 ug/ml

Instrument :
FID_D
ClientSampleId :



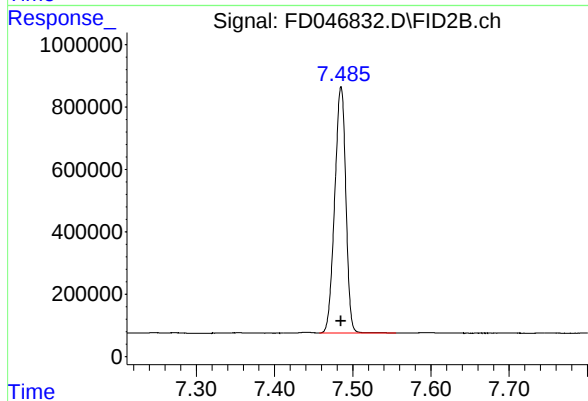
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: -0.002 min
Response: 4594627
Conc: 22.95 ug/ml



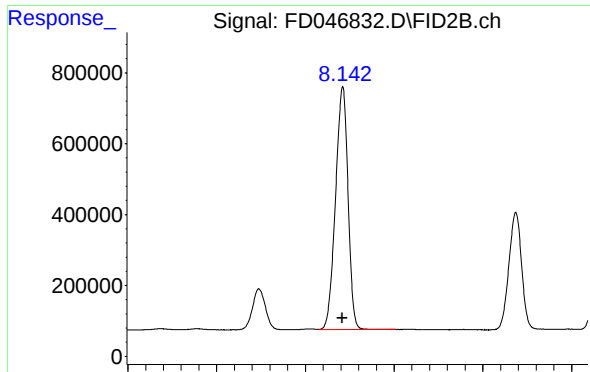
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: -0.001 min
Response: 5243681
Conc: 26.09 ug/ml



#4 2-Bromonaphthalene (SURR)

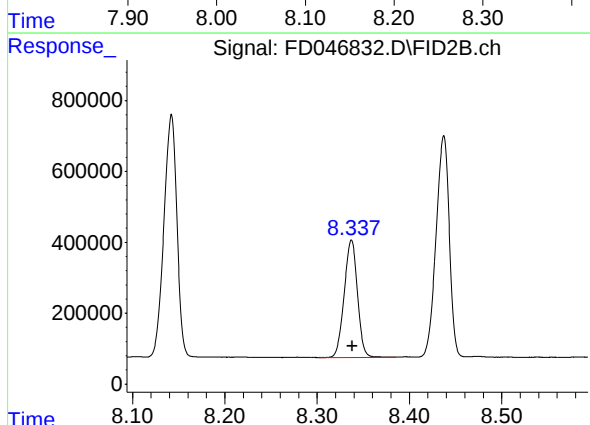
R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 7809048
Conc: 42.82 ug/ml



#5 Acenaphthylene (C15.06)

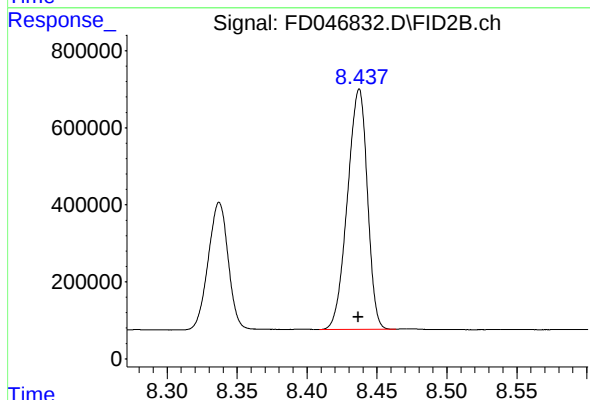
R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 6713528
Conc: 36.50 ug/ml

Instrument :
FID_D
ClientSampleId :



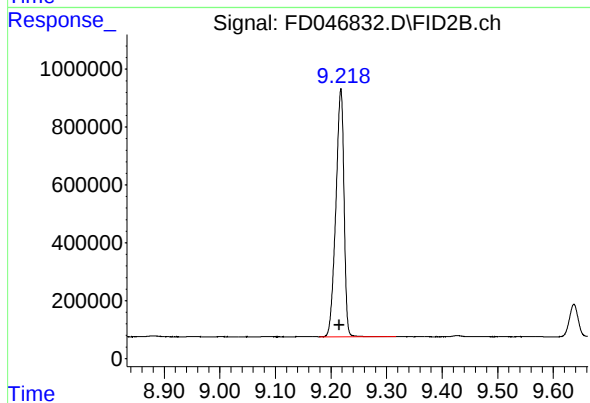
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 3299430
Conc: 28.04 ug/ml



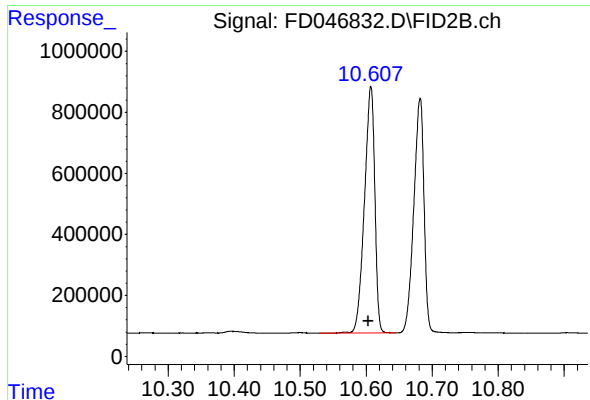
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 6191887
Conc: 31.61 ug/ml



#8 Flouorene (C16.55)

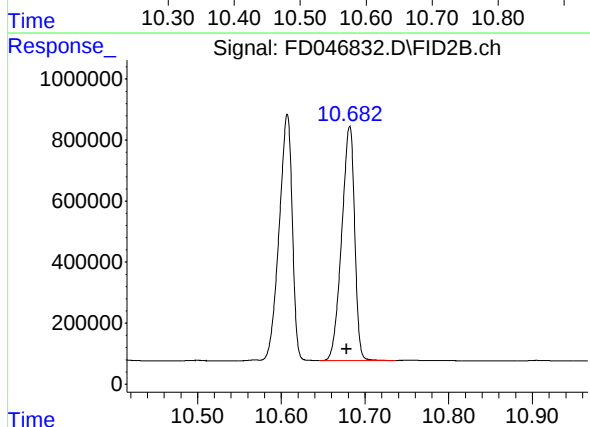
R.T.: 9.217 min
Delta R.T.: 0.003 min
Response: 8742114
Conc: 47.26 ug/ml



#9 Phenanthrene (C19.36)

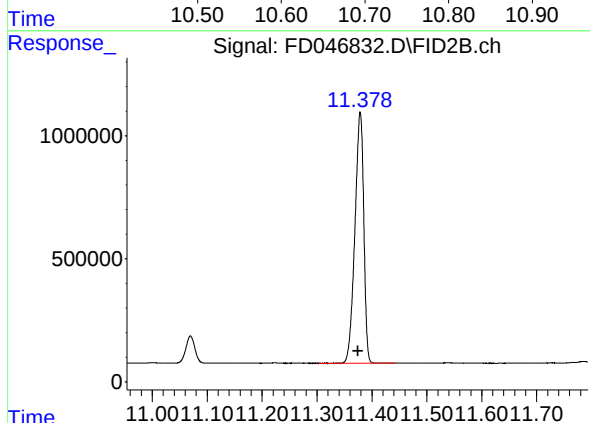
R.T.: 10.607 min
Delta R.T.: 0.003 min
Response: 8845281
Conc: 49.72 ug/ml

Instrument :
FID_D
ClientSampleId :



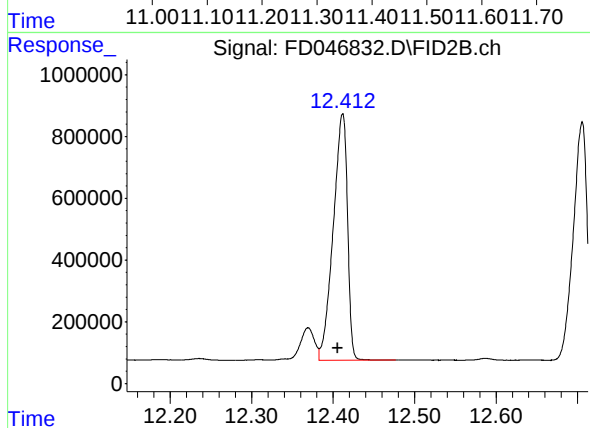
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: 0.003 min
Response: 8275573
Conc: 48.56 ug/ml



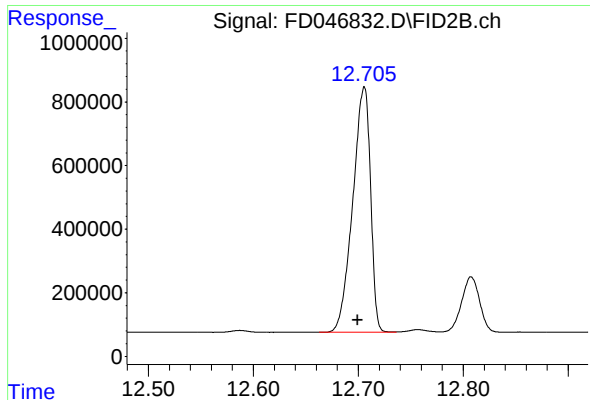
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: 0.003 min
Response: 11436589
Conc: 54.01 ug/ml



#12 Fluoranthene (C21.85)

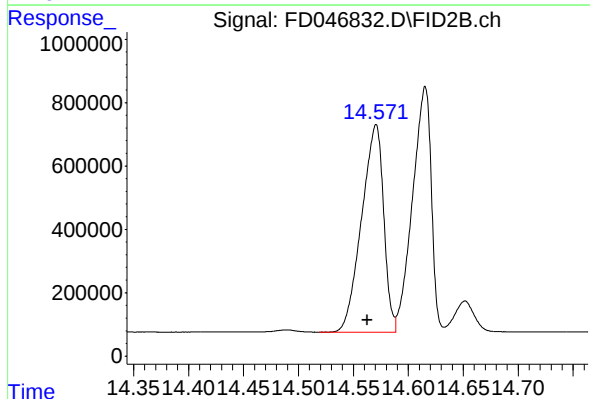
R.T.: 12.411 min
Delta R.T.: 0.006 min
Response: 9706097
Conc: 56.20 ug/ml



#13 Pyrene (C20.8)

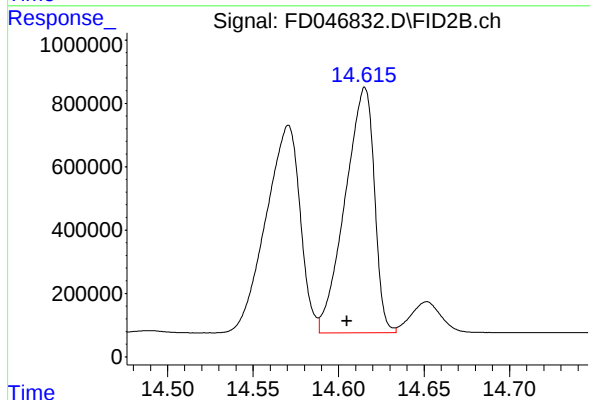
R.T.: 12.705 min
Delta R.T.: 0.006 min
Response: 9083742
Conc: 54.63 ug/ml

Instrument :
FID_D
ClientSampleId :



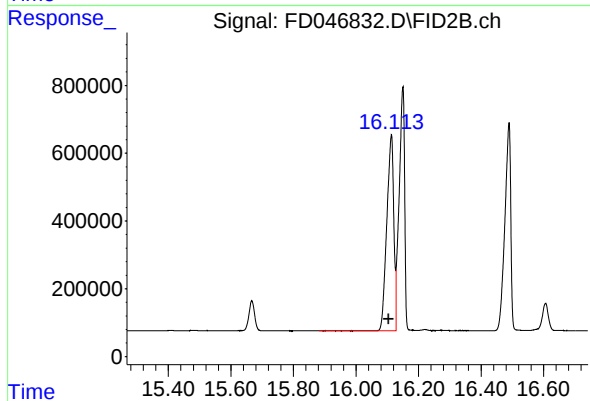
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: 0.007 min
Response: 9150774
Conc: 65.04 ug/ml



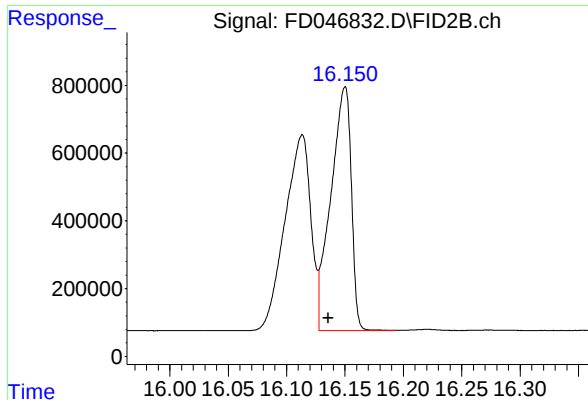
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: 0.010 min
Response: 9211869
Conc: 59.07 ug/ml



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

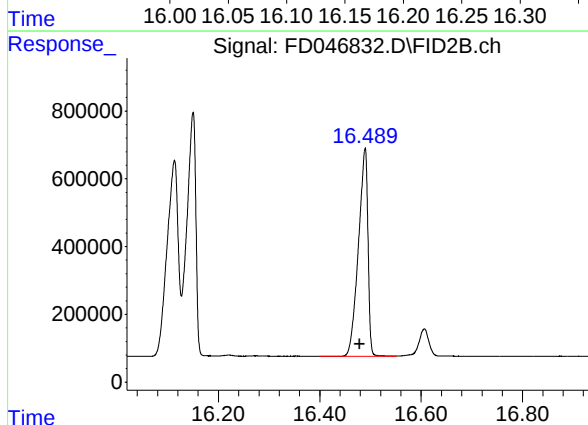
R.T.: 16.113 min
Delta R.T.: 0.009 min
Response: 8901376
Conc: 62.19 ug/ml



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

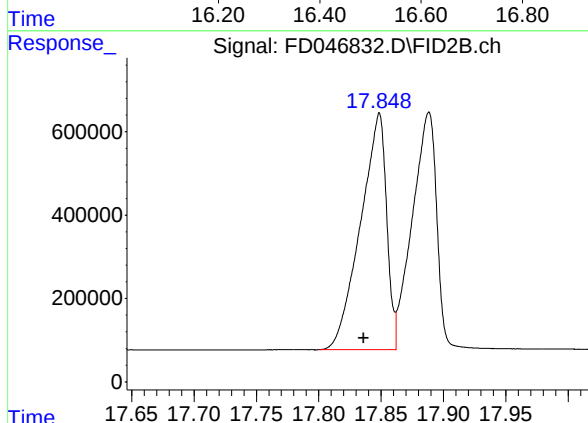
R.T.: 16.149 min
Delta R.T.: 0.013 min
Response: 8766631
Conc: 59.88 ug/ml

Instrument :
FID_D
ClientSampleId :



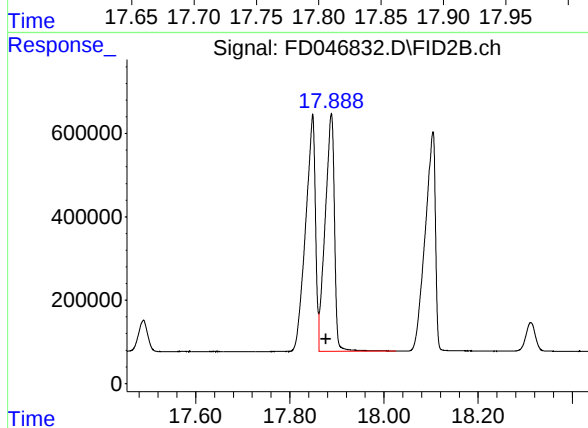
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.489 min
Delta R.T.: 0.010 min
Response: 7999107
Conc: 57.07 ug/ml



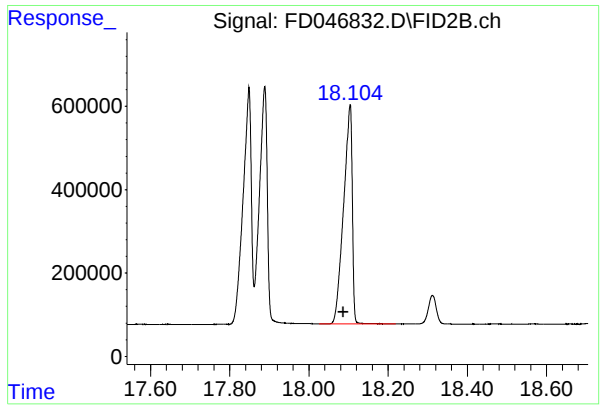
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.848 min
Delta R.T.: 0.012 min
Response: 8242523
Conc: 65.25 ug/ml



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

R.T.: 17.888 min
Delta R.T.: 0.011 min
Response: 7842014
Conc: 56.13 ug/ml



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

R.T.: 18.103 min
Delta R.T.: 0.016 min
Response: 8016263
Conc: 57.41 ug/ml

Instrument :
FID_D
ClientSampleId :