

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046337.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 19:04
 Operator : YP/AJ
 Sample : 03981-01D
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 16 23:47:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.499	5523482	36.952 ug/ml
Spiked Amount 50.000		Recovery =	73.90%
6) S 2-Fluorobiphenyl (SURR)	8.353	3732383	39.870 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.74%
11) S ortho-Terphenyl (SURR)	11.393	5939143	34.008 ug/ml
Spiked Amount 50.000		Recovery =	68.02%
Target Compounds			
2) T Naphthalene (C11.7)	5.839	294743	1.632 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	251797	1.431 ug/ml
5) T Acenaphthylene (C15.06)	8.152	186560	1.223 ug/ml
7) T Acenaphthene (C15.5)	8.449	854973	5.243 ug/ml
8) T Flouorene (C16.55)	9.227	1156238	7.599 ug/ml
9) T Phenanthrene (C19.36)	10.626	9823093	68.217 ug/ml
10) T Anthracene (C19.43)	10.694	2729878	20.859 ug/ml
12) T Fluoranthene (C21.85)	12.434	12730063	91.103 ug/ml
13) T Pyrene (C20.8)	12.727	10008051	72.211 ug/ml
14) T Benzo[a]anthracene (C...	14.585	5279043	40.218 ug/ml
15) T Chrysene (C27.41)	14.628	4987078	35.369 ug/ml
16) T benzo[b]fluoranthene ...	16.131	5293031	38.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	1733625	12.648 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	3998694	30.715 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	2415216	20.081 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	607984	4.754 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	1829426	14.420 ug/ml

(f)=RT Delta > 1/2 Window

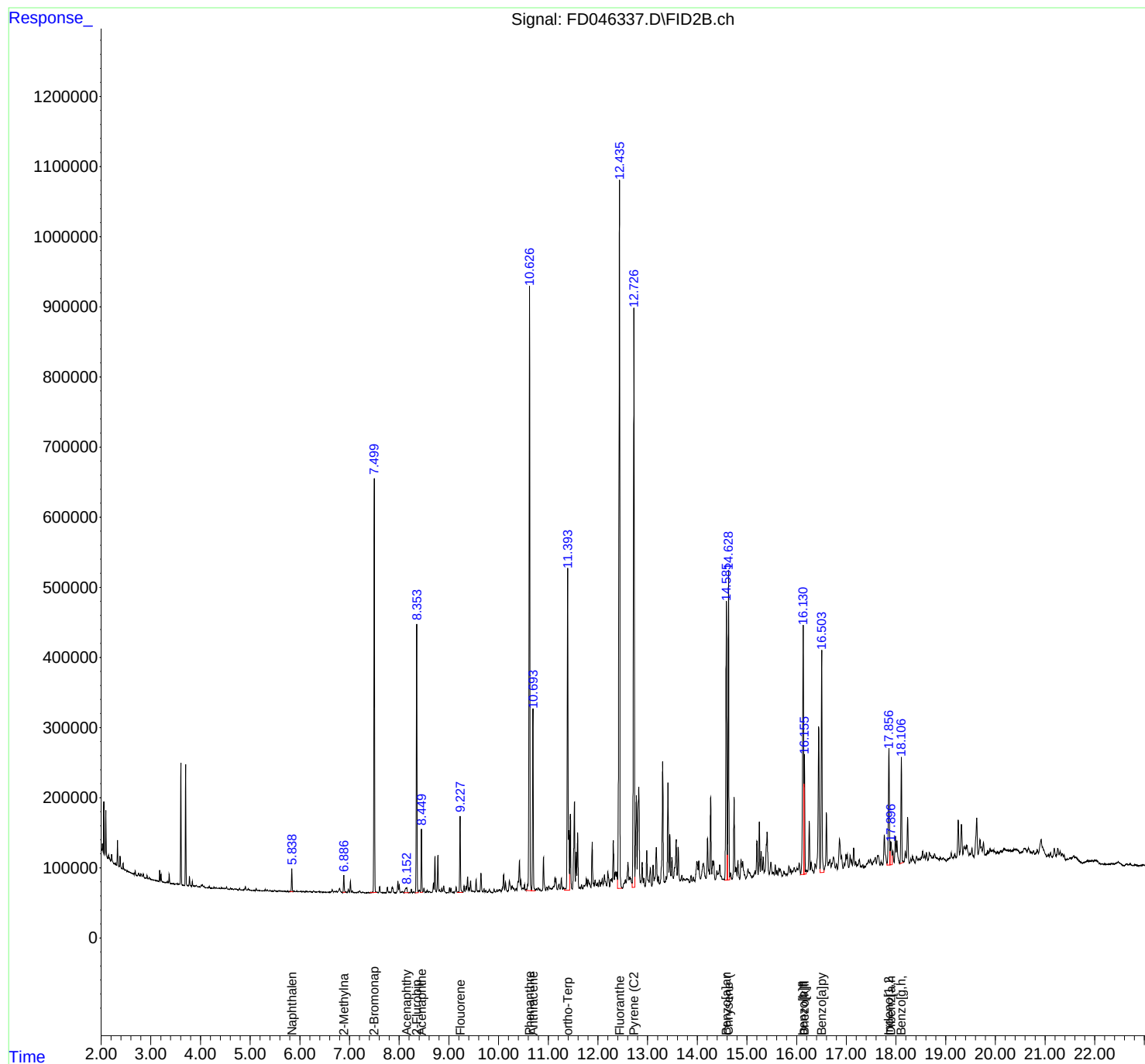
(m)=manual int.

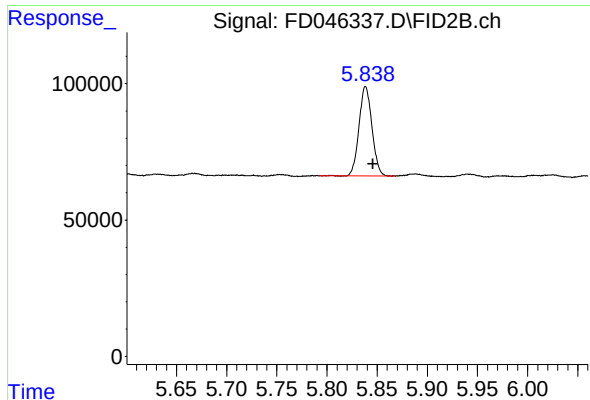
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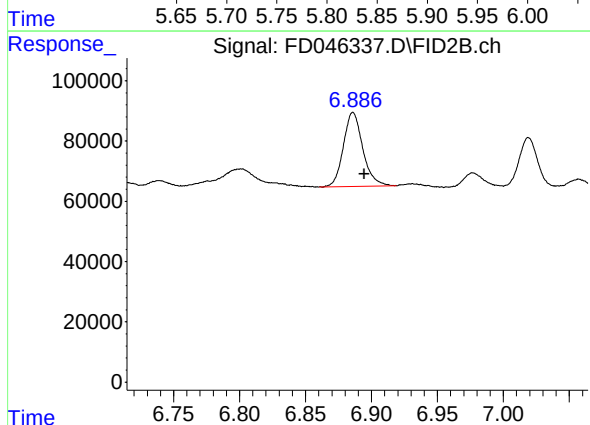




#2 Naphthalene (C11.7)

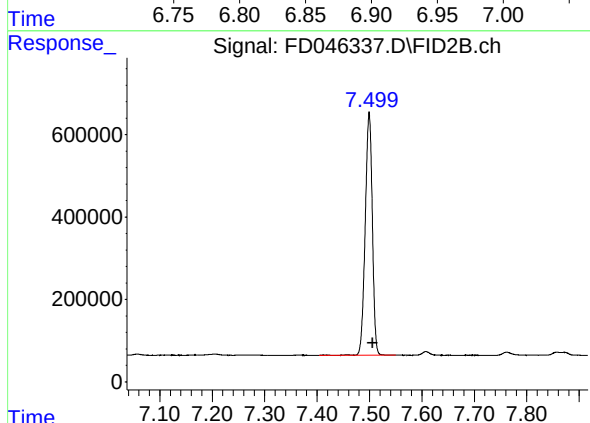
R.T.: 5.839 min
Delta R.T.: -0.007 min
Response: 294743
Conc: 1.63 ug/ml

Instrument :
FID_D
ClientSampleId :



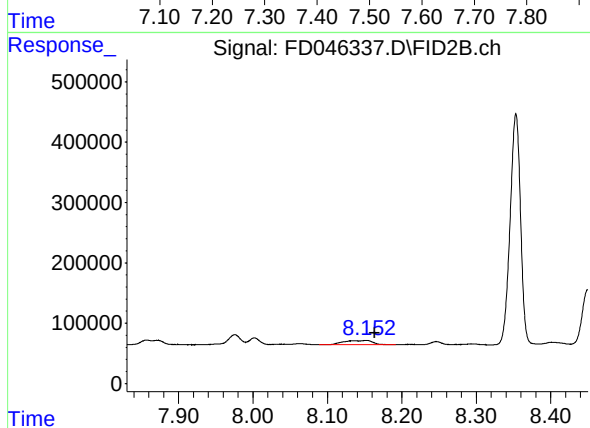
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.008 min
Response: 251797
Conc: 1.43 ug/ml



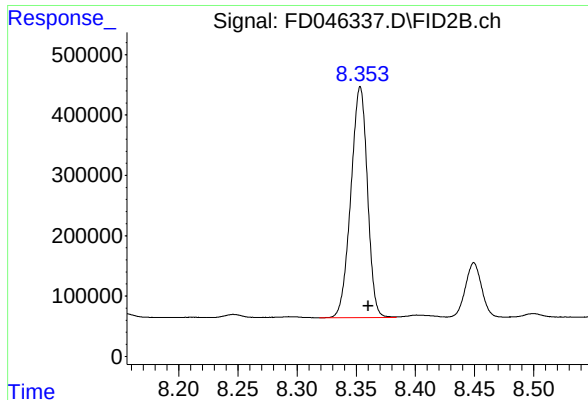
#4 2-Bromonaphthalene (SURR)

R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 5523482
Conc: 36.95 ug/ml



#5 Acenaphthylene (C15.06)

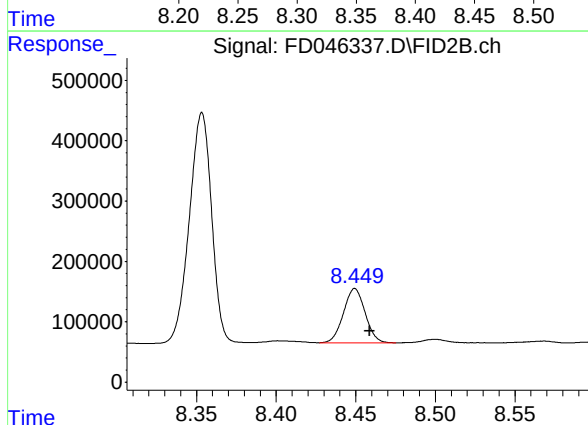
R.T.: 8.152 min
Delta R.T.: -0.012 min
Response: 186560
Conc: 1.22 ug/ml



#6 2-Fluorobiphenyl (SURR)

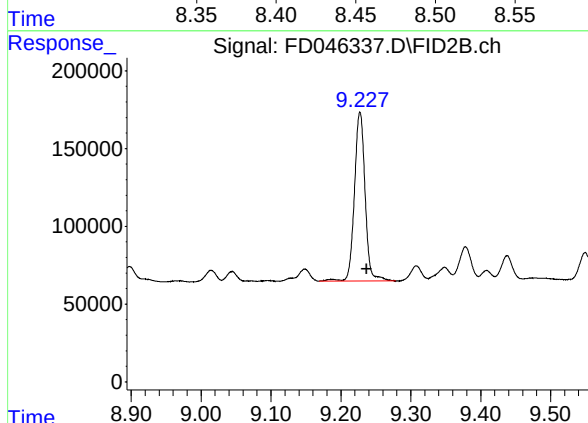
R.T.: 8.353 min
Delta R.T.: -0.007 min
Response: 3732383
Conc: 39.87 ug/ml

Instrument :
FID_D
ClientSampleId :



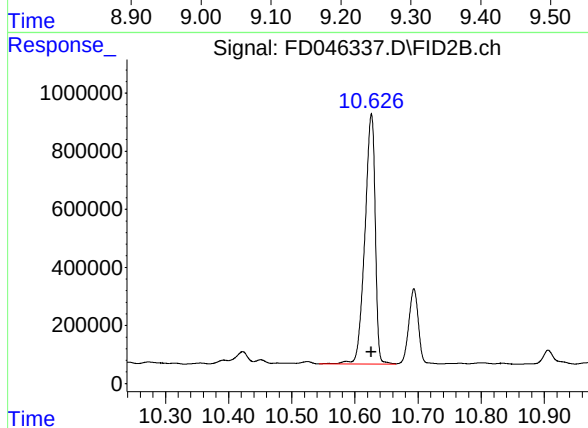
#7 Acenaphthene (C15.5)

R.T.: 8.449 min
Delta R.T.: -0.009 min
Response: 854973
Conc: 5.24 ug/ml



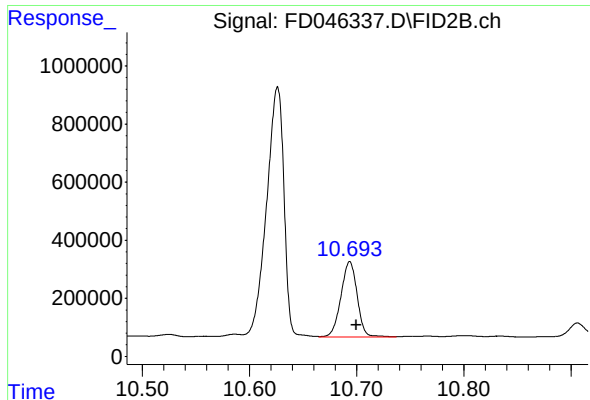
#8 Flouorene (C16.55)

R.T.: 9.227 min
Delta R.T.: -0.010 min
Response: 1156238
Conc: 7.60 ug/ml



#9 Phenanthrene (C19.36)

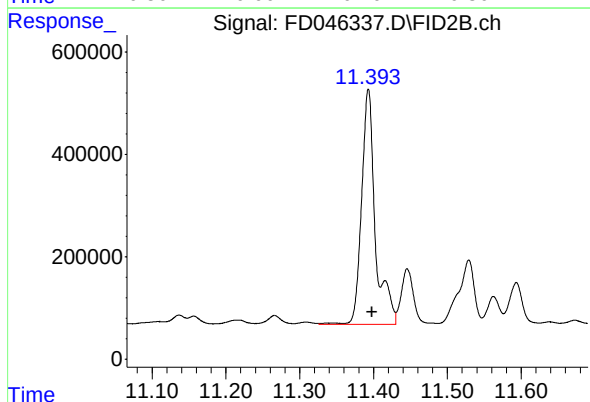
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 9823093
Conc: 68.22 ug/ml



#10 Anthracene (C19.43)

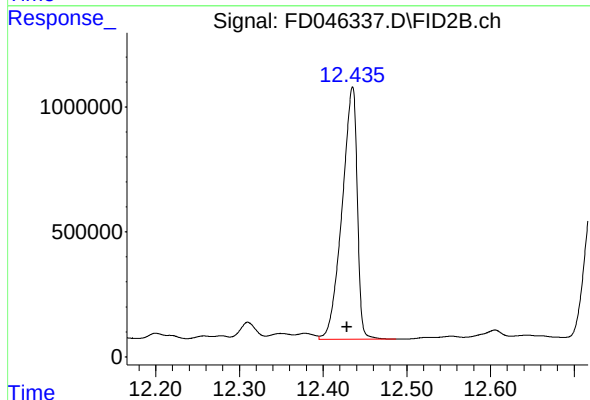
R.T.: 10.694 min
Delta R.T.: -0.006 min
Response: 2729878
Conc: 20.86 ug/ml

Instrument :
FID_D
ClientSampleId :



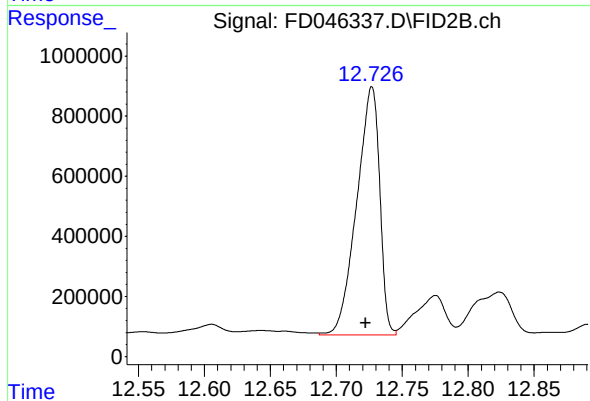
#11 ortho-Terphenyl (SURR)

R.T.: 11.393 min
Delta R.T.: -0.005 min
Response: 5939143
Conc: 34.01 ug/ml



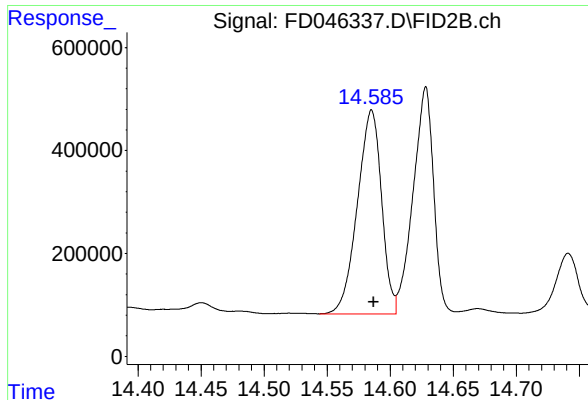
#12 Fluoranthene (C21.85)

R.T.: 12.434 min
Delta R.T.: 0.006 min
Response: 12730063
Conc: 91.10 ug/ml



#13 Pyrene (C20.8)

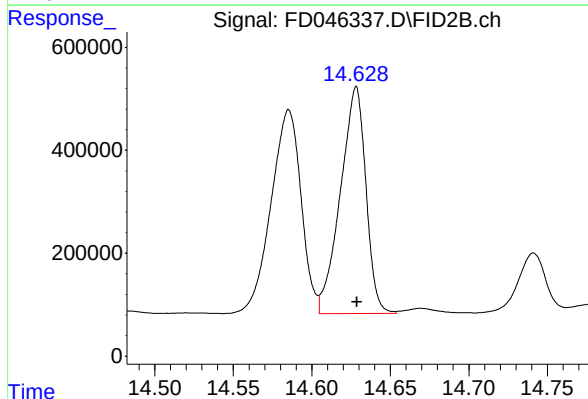
R.T.: 12.727 min
Delta R.T.: 0.004 min
Response: 10008051
Conc: 72.21 ug/ml



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

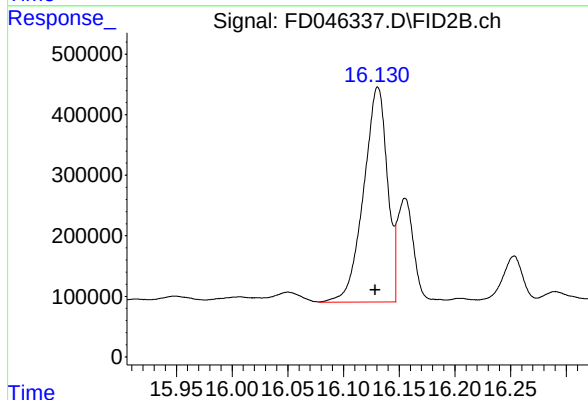
R.T.: 14.585 min
Delta R.T.: -0.002 min
Response: 5279043
Conc: 40.22 ug/ml

Instrument :
FID_D
ClientSampleId :



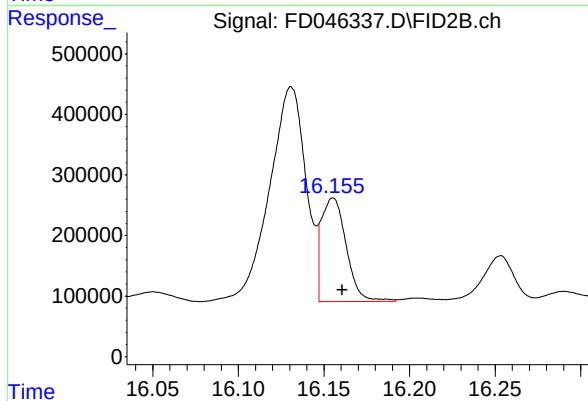
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 4987078
Conc: 35.37 ug/ml



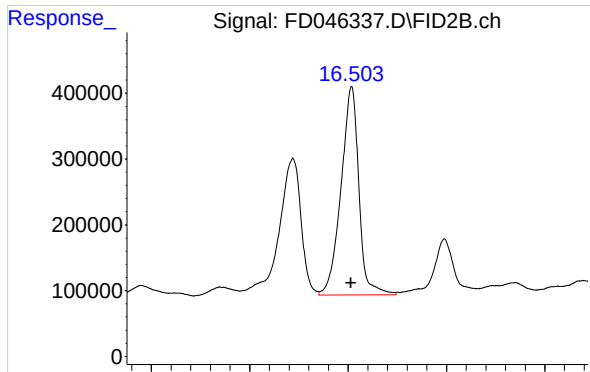
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.131 min
Delta R.T.: 0.002 min
Response: 5293031
Conc: 38.70 ug/ml



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

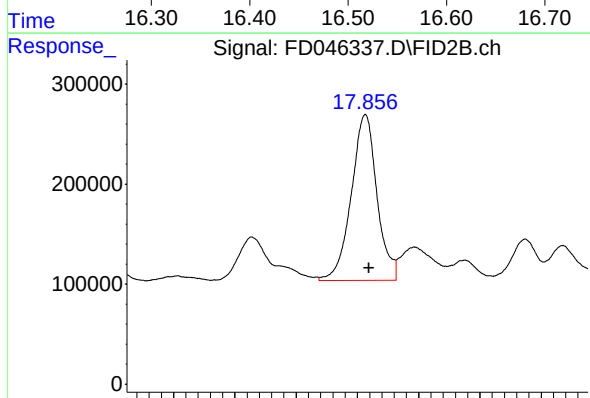
R.T.: 16.155 min
Delta R.T.: -0.006 min
Response: 1733625
Conc: 12.65 ug/ml



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

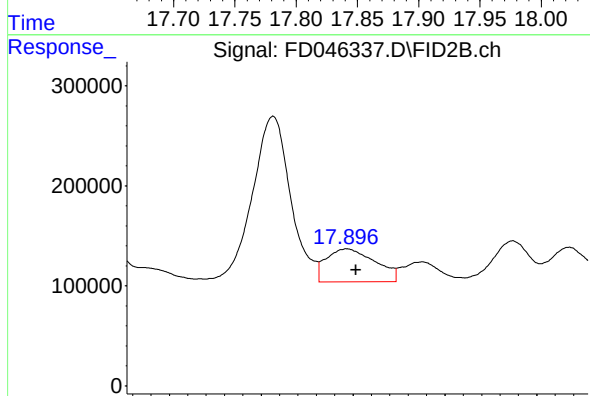
R.T.: 16.503 min
Delta R.T.: 0.000 min
Response: 3998694
Conc: 30.71 ug/ml

Instrument :
FID_D
ClientSampleId :



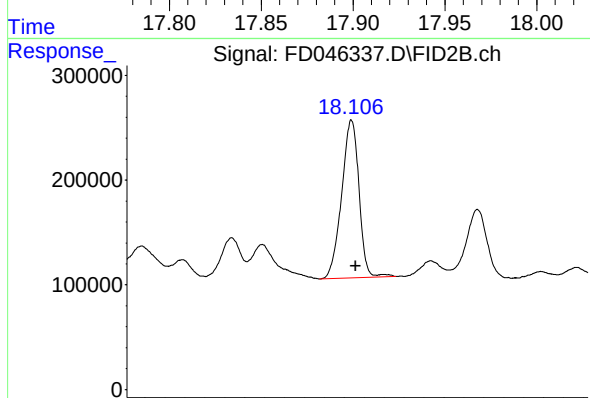
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.003 min
Response: 2415216
Conc: 20.08 ug/ml



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

R.T.: 17.897 min
Delta R.T.: -0.005 min
Response: 607984
Conc: 4.75 ug/ml



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

R.T.: 18.107 min
Delta R.T.: -0.004 min
Response: 1829426
Conc: 14.42 ug/ml