

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045857.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 00:40
 Operator : YP/AJ
 Sample : 03224-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 04:10:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.529	9923745	55.044 ug/ml
Spiked Amount 50.000		Recovery =	110.09%
6) S 2-Fluorobiphenyl (SURR)	8.385	6347101	52.793 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.59%
11) S ortho-Terphenyl (SURR)	11.424	8995959	40.274 ug/ml
Spiked Amount 50.000		Recovery =	80.55%
Target Compounds			
2) T Naphthalene (C11.7)	5.865	83554	0.394 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	100815	0.477 ug/ml
5) T Acenaphthylene (C15.06)	8.184	73713	0.389 ug/ml
7) T Acenaphthene (C15.5)	8.478	126195	0.624 ug/ml
8) T Fluorene (C16.55)	9.256	131878	0.666 ug/ml
9) T Phenanthrene (C19.36)	10.646	905164	4.731 ug/ml
10) T Anthracene (C19.43)	10.720	234985	1.379 ug/ml
12) T Fluoranthene (C21.85)	12.452	1508190	8.163 ug/ml
13) T Pyrene (C20.8)	12.746	1267146	7.095 ug/ml
14) T Benzo[a]anthracene (C...	14.609	859190	5.488 ug/ml
15) T Chrysene (C27.41)	14.650	802964	4.867 ug/ml
16) T benzo[b]fluoranthene ...	16.153	988081	6.529 ug/ml
17) T Bnezo[k]fluoranthene ...	16.179	351999	2.274 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.526	694951	4.752 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	693984	4.738 ug/ml
20) T Dibenz[a,h]anthracene...	17.925	229214	1.528 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	422556	2.864 ug/ml

(f)=RT Delta > 1/2 Window

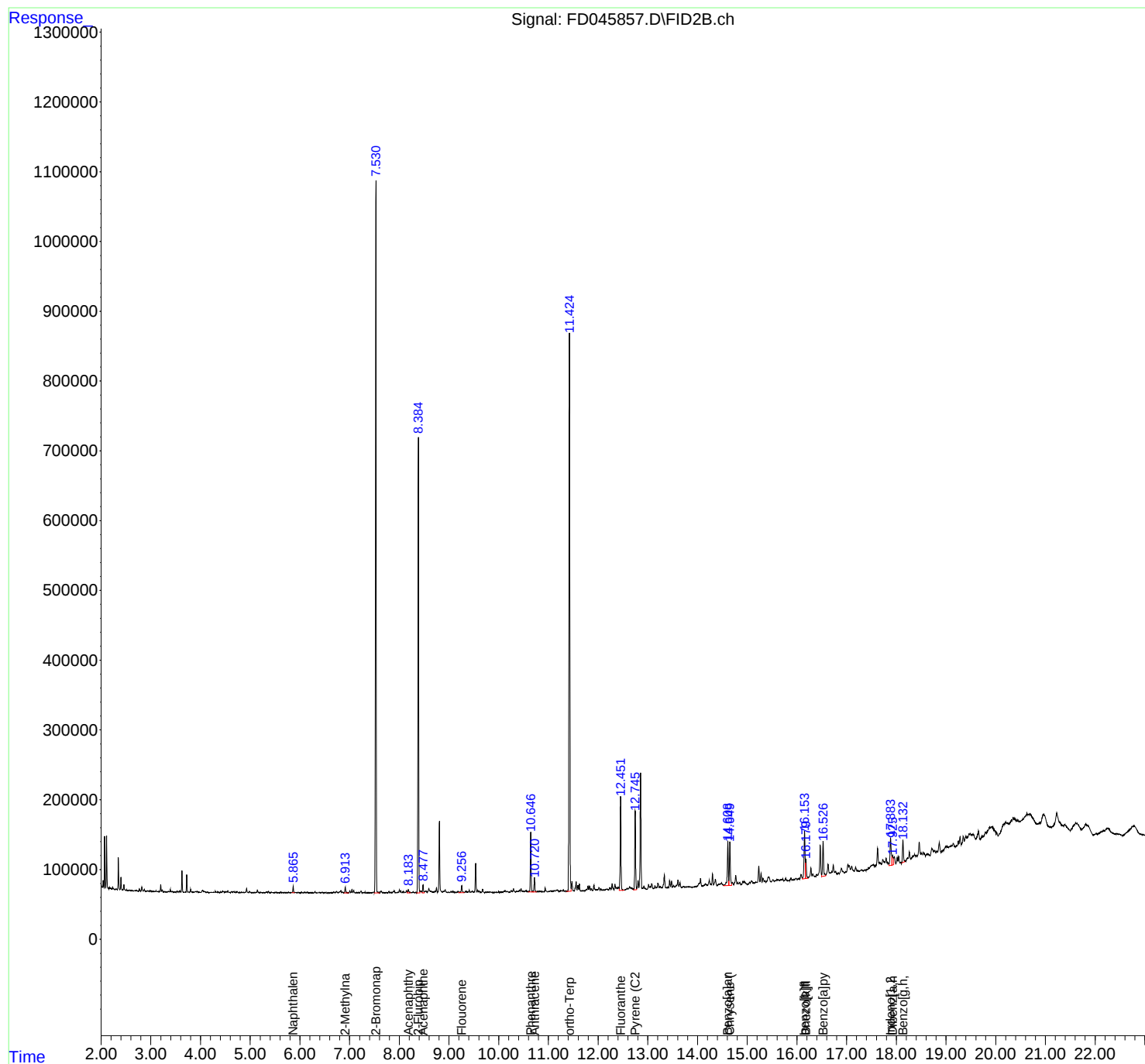
(m)=manual int.

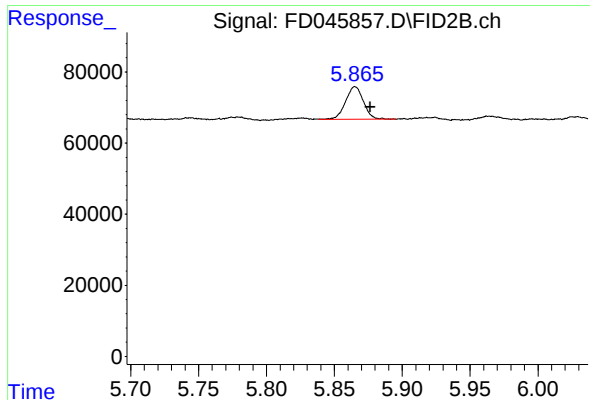
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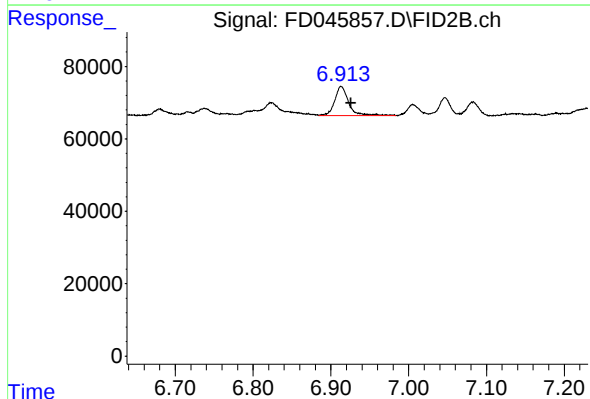




#2 Naphthalene (C11.7)

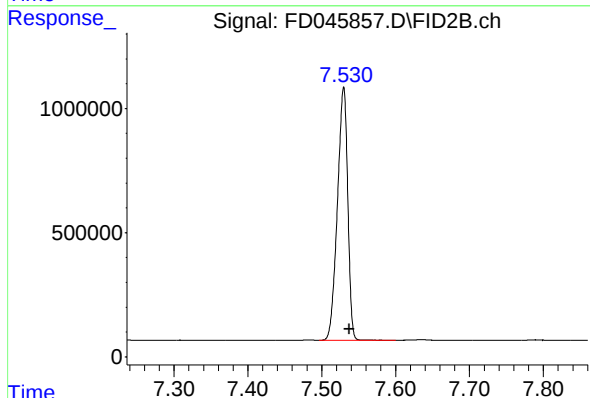
R.T.: 5.865 min
Delta R.T.: -0.011 min
Response: 83554
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



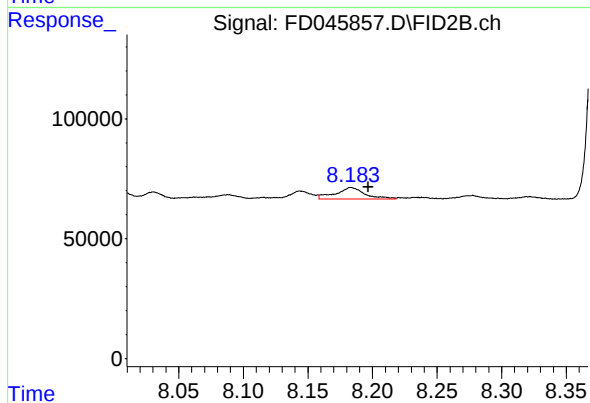
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.013 min
Response: 100815
Conc: 0.48 ug/ml



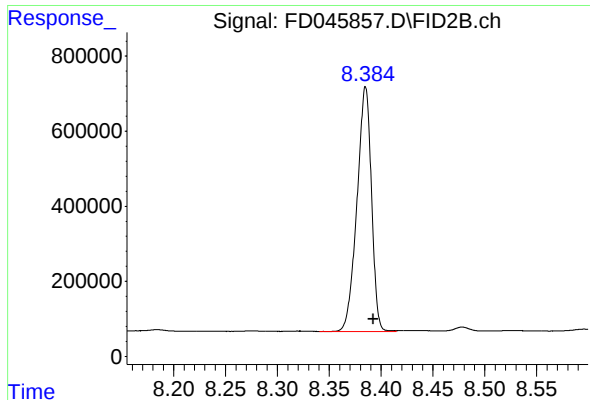
#4 2-Bromonaphthalene (SURR)

R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 9923745
Conc: 55.04 ug/ml



#5 Acenaphthylene (C15.06)

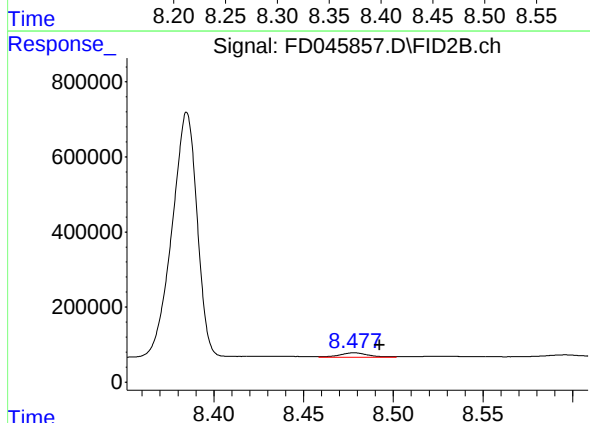
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 73713
Conc: 0.39 ug/ml



#6 2-Fluorobiphenyl (SURR)

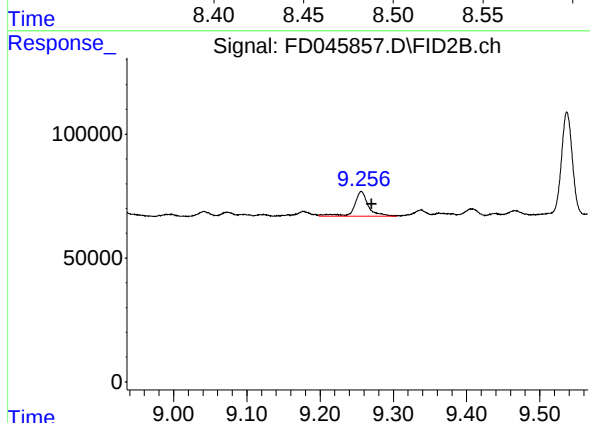
R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 6347101
Conc: 52.79 ug/ml

Instrument :
FID_D
ClientSampleId :



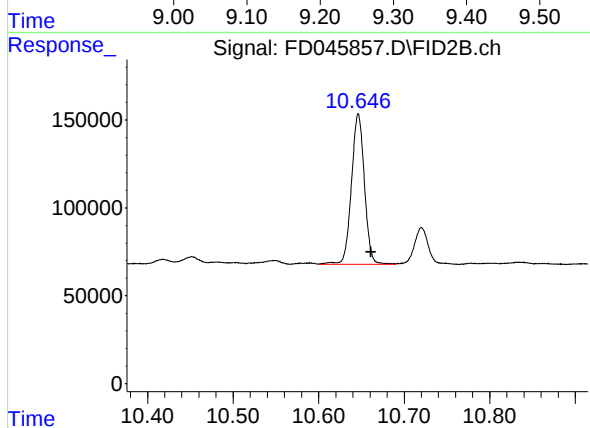
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 126195
Conc: 0.62 ug/ml



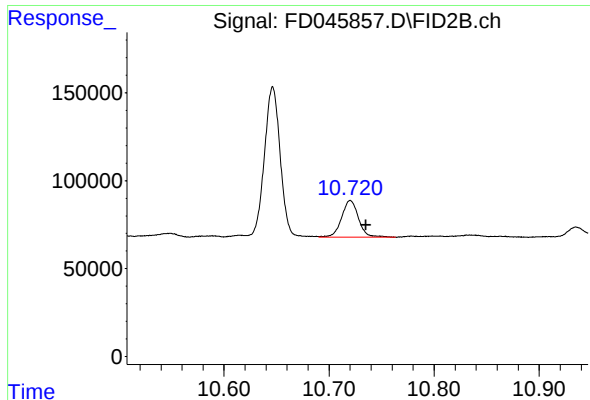
#8 Flouorene (C16.55)

R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 131878
Conc: 0.67 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.646 min
Delta R.T.: -0.015 min
Response: 905164
Conc: 4.73 ug/ml



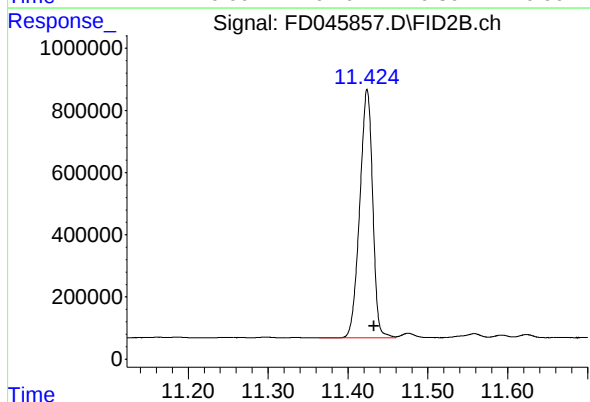
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.015 min
Response: 234985
Conc: 1.38 ug/ml

Instrument :

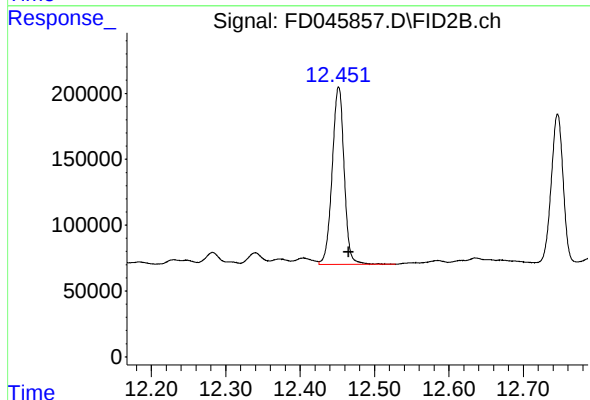
FID_D

ClientSampleId :



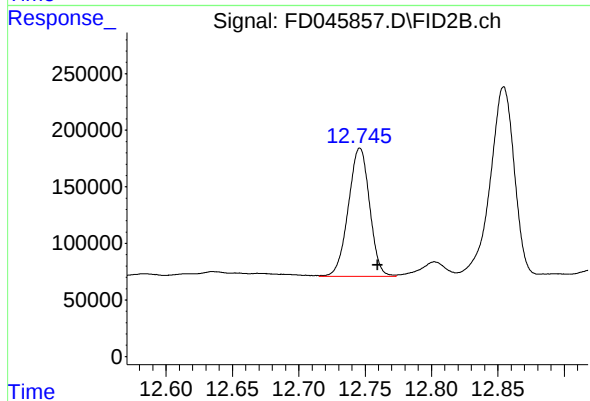
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.009 min
Response: 8995959
Conc: 40.27 ug/ml



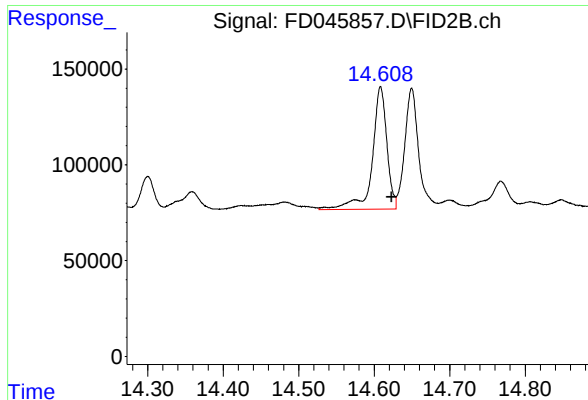
#12 Fluoranthene (C21.85)

R.T.: 12.452 min
Delta R.T.: -0.013 min
Response: 1508190
Conc: 8.16 ug/ml



#13 Pyrene (C20.8)

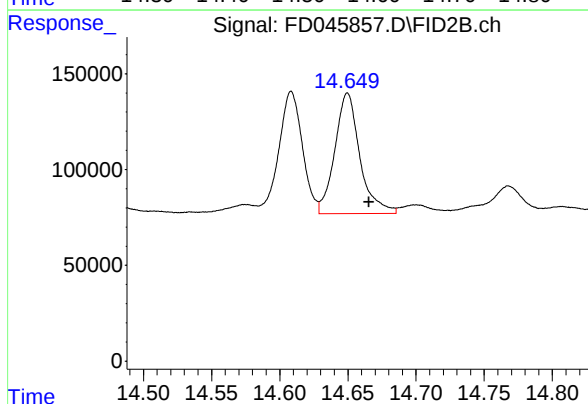
R.T.: 12.746 min
Delta R.T.: -0.013 min
Response: 1267146
Conc: 7.09 ug/ml



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

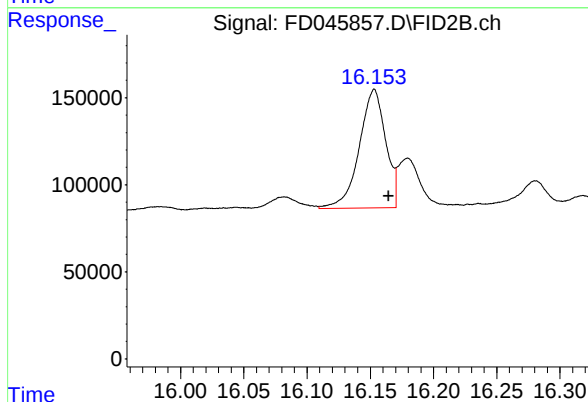
R.T.: 14.609 min
Delta R.T.: -0.014 min
Response: 859190
Conc: 5.49 ug/ml

Instrument :
FID_D
ClientSampleId :



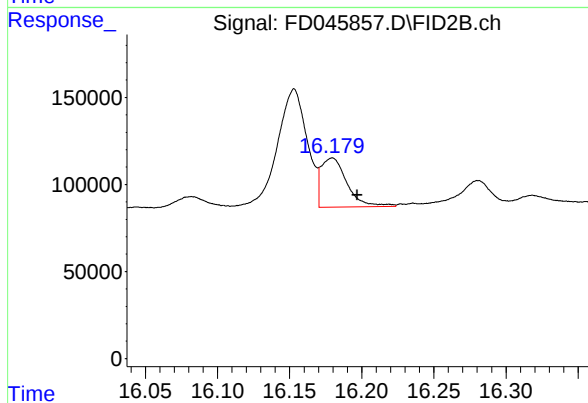
#15 Chrysene (C27.41)

R.T.: 14.650 min
Delta R.T.: -0.016 min
Response: 802964
Conc: 4.87 ug/ml



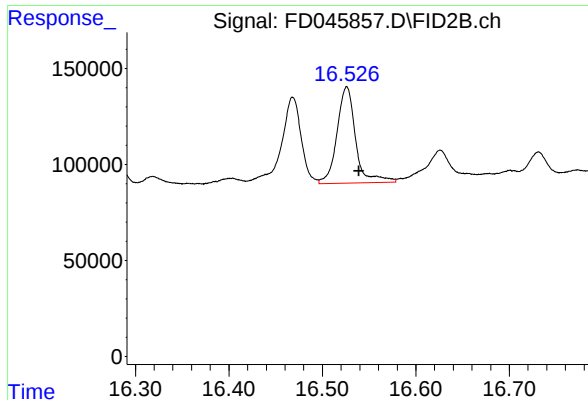
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 988081
Conc: 6.53 ug/ml



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

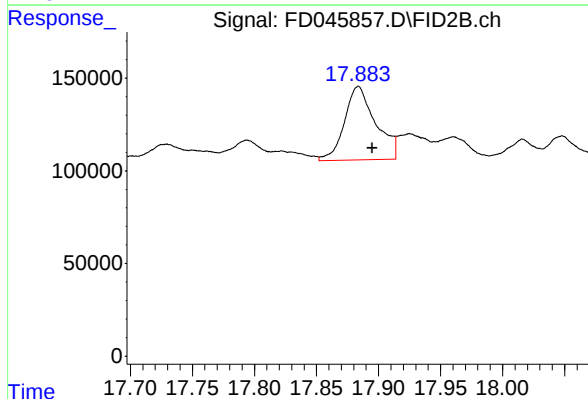
R.T.: 16.179 min
Delta R.T.: -0.018 min
Response: 351999
Conc: 2.27 ug/ml



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

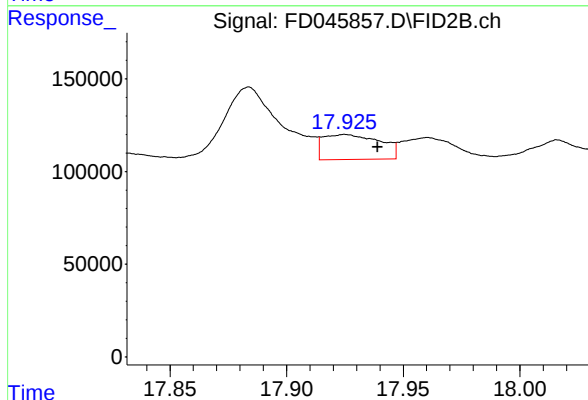
R.T.: 16.526 min
Delta R.T.: -0.013 min
Response: 694951
Conc: 4.75 ug/ml

Instrument :
FID_D
ClientSampleId :



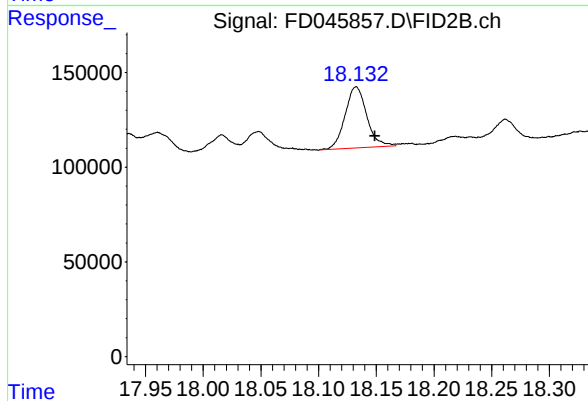
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.884 min
Delta R.T.: -0.011 min
Response: 693984
Conc: 4.74 ug/ml



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

R.T.: 17.925 min
Delta R.T.: -0.014 min
Response: 229214
Conc: 1.53 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.016 min
Response: 422556
Conc: 2.86 ug/ml