

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039429.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 19:09
 Operator : AJ\MA
 Sample : M4592-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 12 23:11:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.758	14031156	120.931 ug/ml
Spiked Amount 50.000		Recovery =	241.86%
6) S 2-Fluorobiphenyl (SURR)	8.633	8587690	107.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	214.23%#
11) S ortho-Terphenyl (SURR)	11.681	11157993	87.481 ug/ml
Spiked Amount 50.000		Recovery =	174.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	115242	0.936 ug/ml
2) T Naphthalene (C11.7)	6.087	1010989	7.800 ug/ml
3) T 2-Methylnaphthalene (...)	7.149	12185440	91.752 ug/ml
5) T Acenaphthylene (C15.06)	8.415	17604804	142.639 ug/ml
7) T Acenaphthene (C15.5)	8.731	9514174	72.938 ug/ml
8) T Flouorene (C16.55)	9.512	7573793	58.492 ug/ml
9) T Phenanthrene (C19.36)	10.923	16364776	126.720 ug/ml
10) T Anthracene (C19.43)	10.990	11103472	86.791 ug/ml
12) T Fluoranthene (C21.85)	12.728	6547174	50.251 ug/ml
13) T Pyrene (C20.8)	13.024	4629126	36.605 ug/ml
14) T Benzo[a]anthracene (C...	14.888	336557	2.845 ug/ml
15) T Chrysene (C27.41)	14.929	463958	3.689 ug/ml
16) T benzo[b]fluoranthene ...	16.441	874895	7.457 ug/ml
17) T Bnezo[k]fluoranthene ...	16.469	284248	2.415 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	544407	4.783 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.184	468595	4.377 ug/ml
20) T Dibenz[a,h]anthracene...	18.184	468595	4.395 ug/ml
21) T Benzo[g,h,i]perylene ...	18.438	520485	4.932 ug/ml

(f)=RT Delta > 1/2 Window

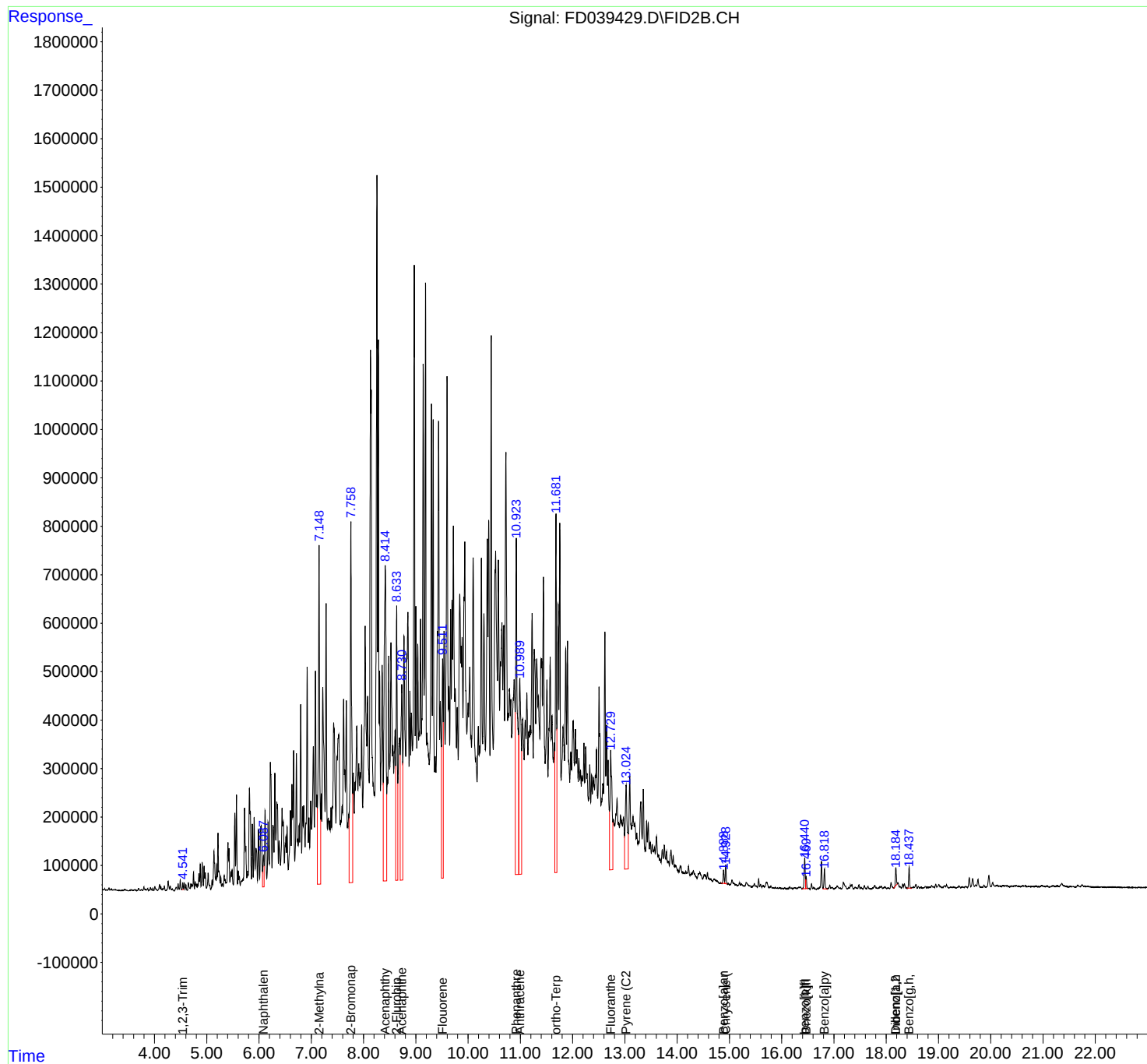
(m)=manual int.

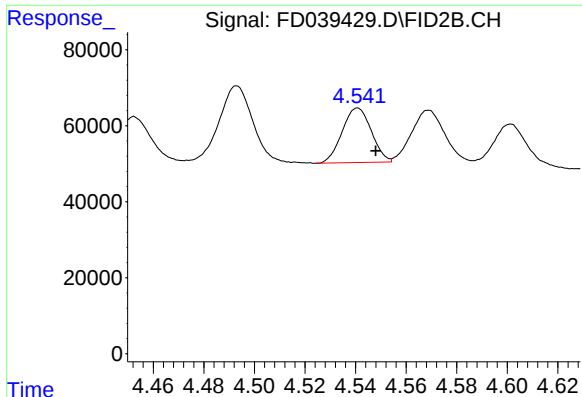
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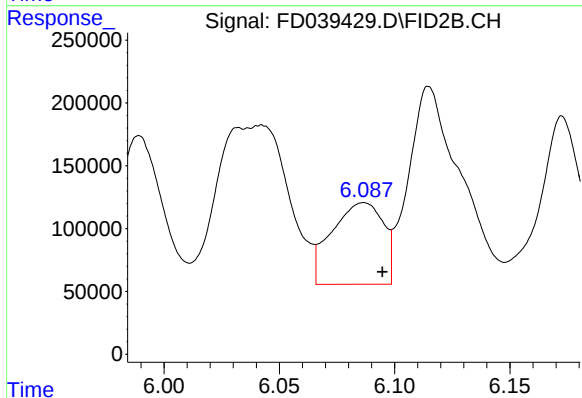




#1 1,2,3-Trimethylbenzene (C10.1)

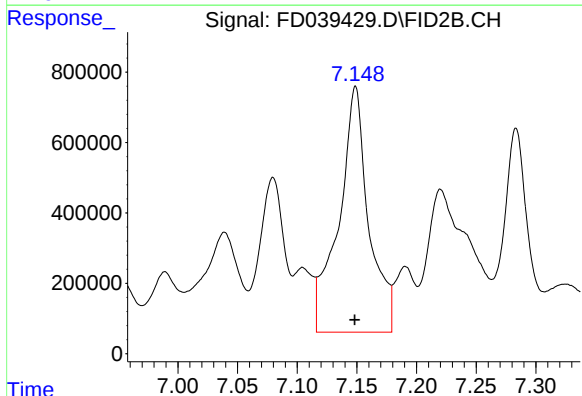
R.T.: 4.541 min
Delta R.T.: -0.007 min
Response: 115242
Conc: 0.94 ug/ml

Instrument :
FID_D
ClientSampleId :



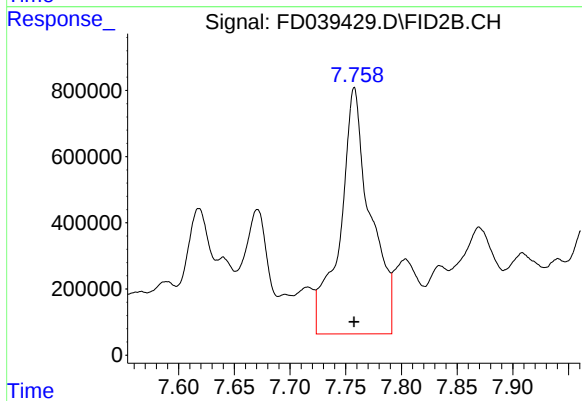
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 1010989
Conc: 7.80 ug/ml



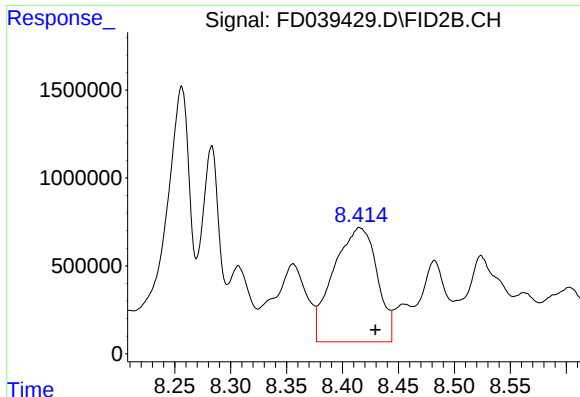
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 12185440
Conc: 91.75 ug/ml



#4 2-Bromonaphthalene (SURR)

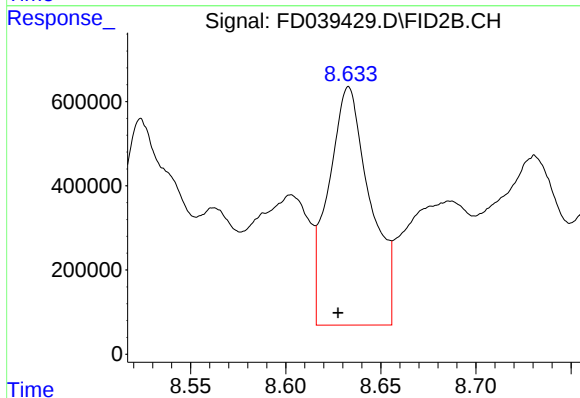
R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 14031156
Conc: 120.93 ug/ml



#5 Acenaphthylene (C15.06)

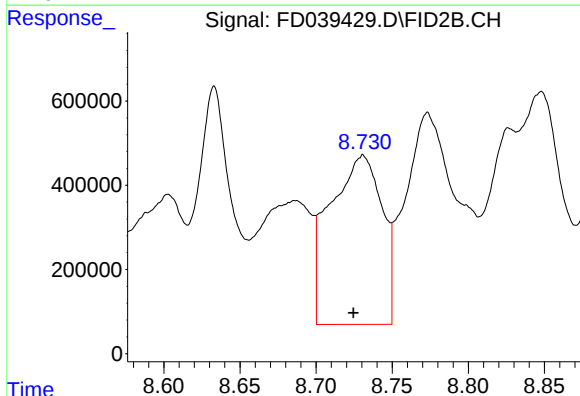
R.T.: 8.415 min
Delta R.T.: -0.014 min
Response: 17604804
Conc: 142.64 ug/ml

Instrument :
FID_D
ClientSampleId :



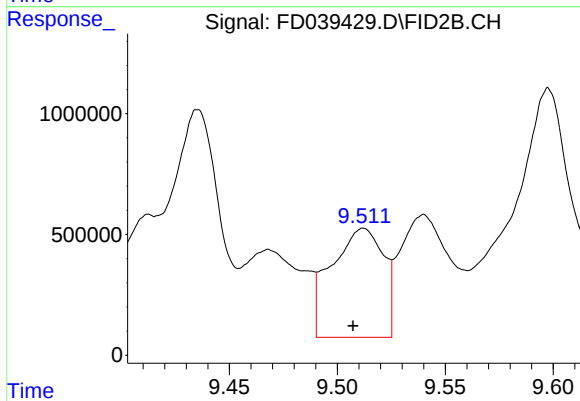
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: 0.006 min
Response: 8587690
Conc: 107.12 ug/ml



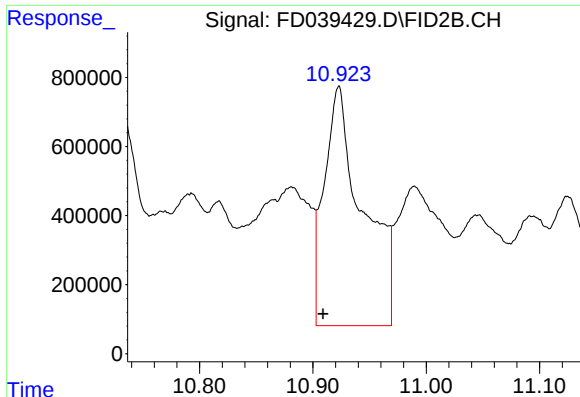
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: 0.006 min
Response: 9514174
Conc: 72.94 ug/ml



#8 Flouorene (C16.55)

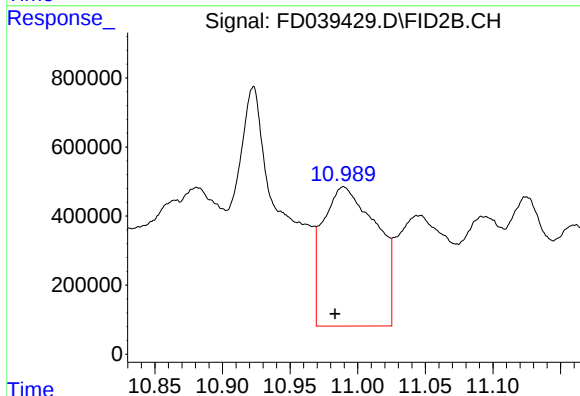
R.T.: 9.512 min
Delta R.T.: 0.005 min
Response: 7573793
Conc: 58.49 ug/ml



#9 Phenanthrene (C19.36)

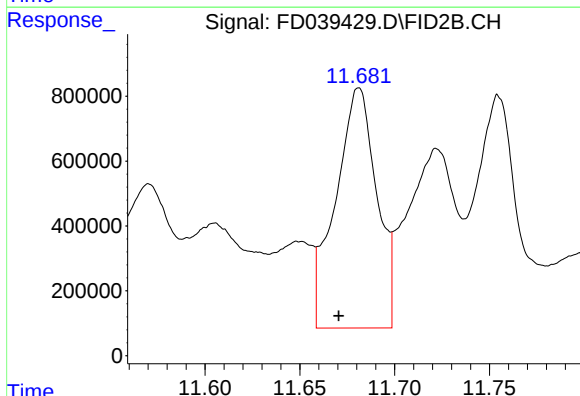
R.T.: 10.923 min
Delta R.T.: 0.014 min
Response: 16364776
Conc: 126.72 ug/ml

Instrument :
FID_D
ClientSampleId :



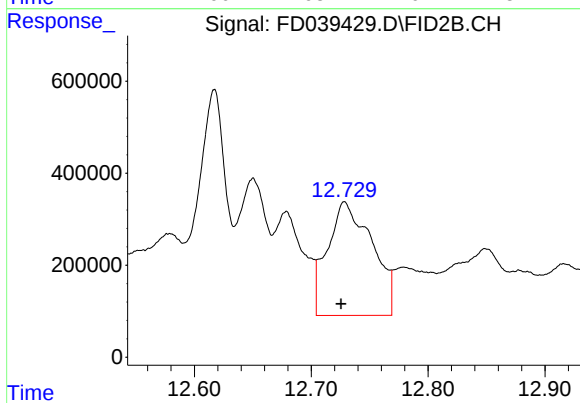
#10 Anthracene (C19.43)

R.T.: 10.990 min
Delta R.T.: 0.006 min
Response: 11103472
Conc: 86.79 ug/ml



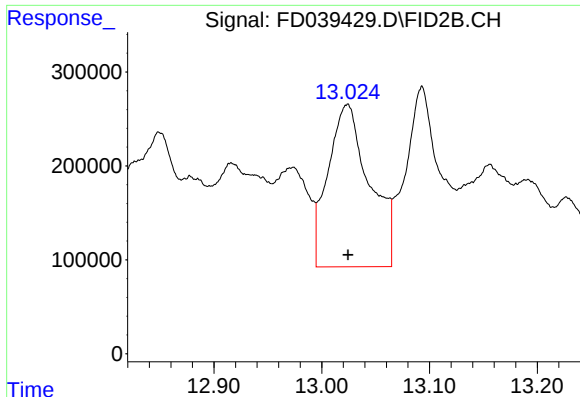
#11 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.011 min
Response: 11157993
Conc: 87.48 ug/ml



#12 Fluoranthene (C21.85)

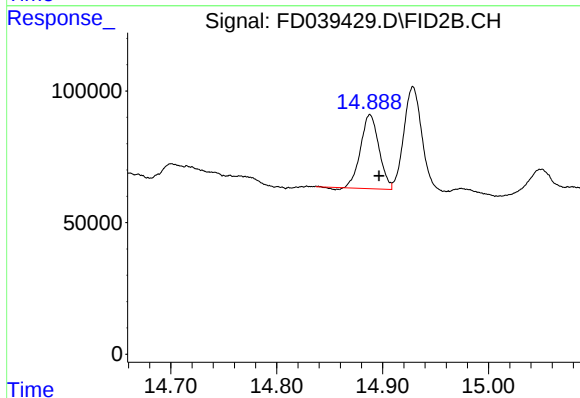
R.T.: 12.728 min
Delta R.T.: 0.003 min
Response: 6547174
Conc: 50.25 ug/ml



#13 Pyrene (C20.8)

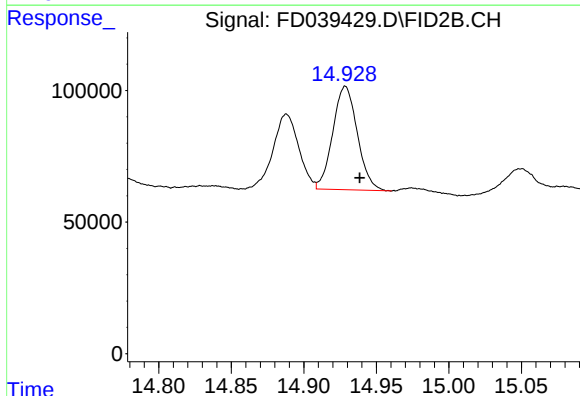
R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 4629126
Conc: 36.60 ug/ml

Instrument :
FID_D
ClientSampleId :



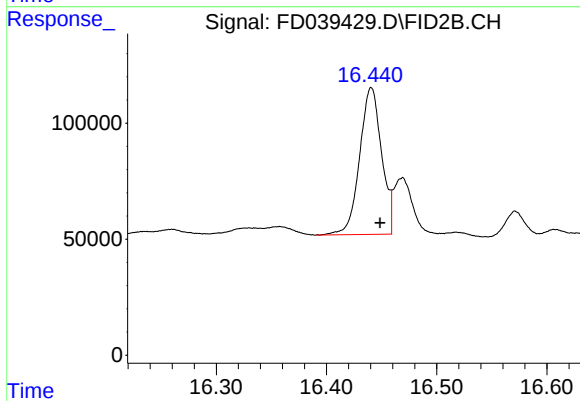
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min
Delta R.T.: -0.009 min
Response: 336557
Conc: 2.85 ug/ml



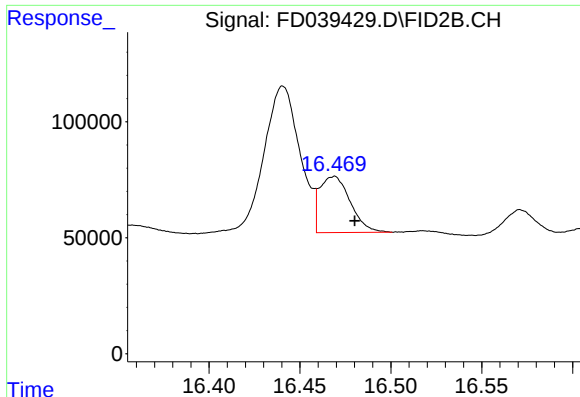
#15 Chrysene (C27.41)

R.T.: 14.929 min
Delta R.T.: -0.010 min
Response: 463958
Conc: 3.69 ug/ml



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

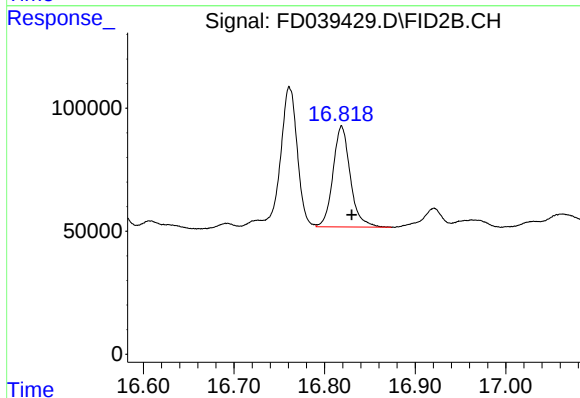
R.T.: 16.441 min
Delta R.T.: -0.008 min
Response: 874895
Conc: 7.46 ug/ml



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

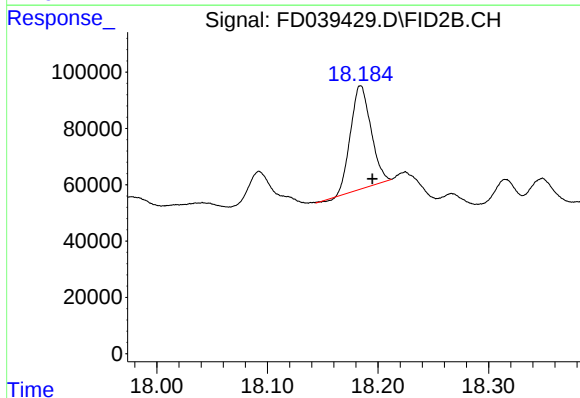
R.T.: 16.469 min
Delta R.T.: -0.012 min
Response: 284248
Conc: 2.42 ug/ml

Instrument :
FID_D
ClientSampleId :



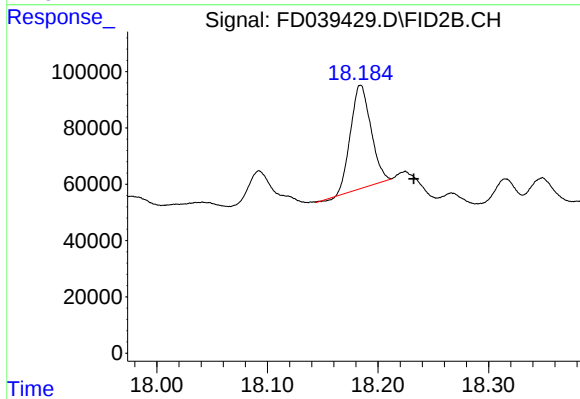
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min
Delta R.T.: -0.011 min
Response: 544407
Conc: 4.78 ug/ml



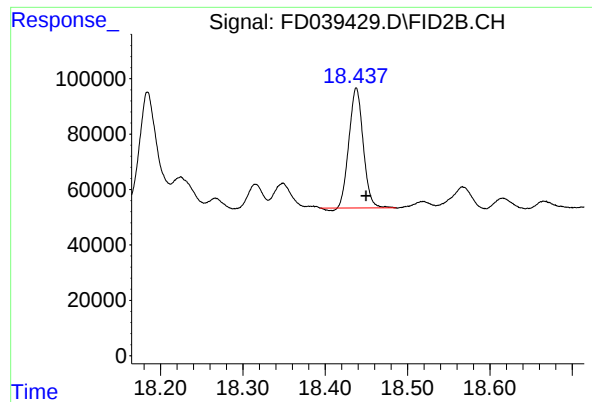
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.184 min
Delta R.T.: -0.011 min
Response: 468595
Conc: 4.38 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.048 min
Response: 468595
Conc: 4.40 ug/ml



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

R.T.: 18.438 min
Delta R.T.: -0.012 min
Response: 520485
Conc: 4.93 ug/ml

Instrument :

FID_D

ClientSampleId :