

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047013.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 18:41
 Operator : YP/AJ
 Sample : 05639-01D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 23:26:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.477	8357022	48.305 ug/ml
Spiked Amount 50.000		Recovery =	96.61%
6) S 2-Fluorobiphenyl (SURR)	8.327	4019092	36.960 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.92%
11) S ortho-Terphenyl (SURR)	11.367	8162618	41.019 ug/ml
Spiked Amount 50.000		Recovery =	82.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	205020	1.102 ug/ml
2) T Naphthalene (C11.7)	5.817	63258	0.332 ug/ml
3) T 2-Methylnaphthalene (...)	6.874	178943	0.929 ug/ml
5) T Acenaphthylene (C15.06)	8.095	33222	0.191 ug/ml
7) T Acenaphthene (C15.5)	8.424	77279	0.417 ug/ml
8) T Fluorene (C16.55)	9.208	58864	0.341 ug/ml
9) T Phenanthrene (C19.36)	10.591	494851	3.014 ug/ml
10) T Anthracene (C19.43)	10.667	88306	0.571 ug/ml
12) T Fluoranthene (C21.85)	12.393	806659	5.089 ug/ml
13) T Pyrene (C20.8)	12.687	593921	3.882 ug/ml
14) T Benzo[a]anthracene (C...	14.551	359763	2.775 ug/ml
15) T Chrysene (C27.41)	14.591	400966	2.797 ug/ml
16) T benzo[b]fluoranthene ...	16.094	454643	3.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	180800	1.323 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	246318	1.880 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	426279	3.573 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	317596	2.444 ug/ml
21) T Benzo[g,h,i]perylene ...	18.074	248921	1.902 ug/ml

(f)=RT Delta > 1/2 Window

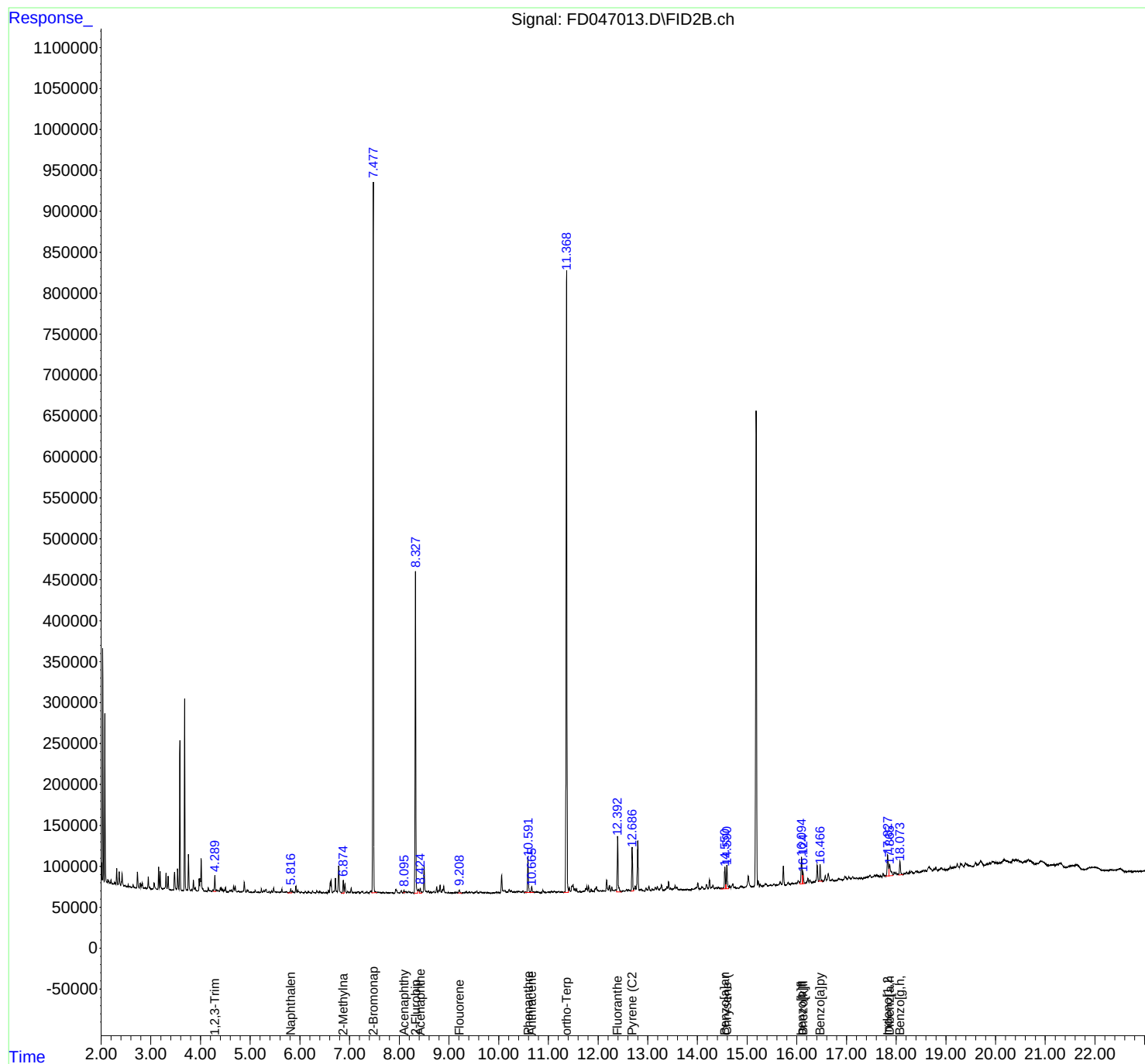
(m)=manual int.

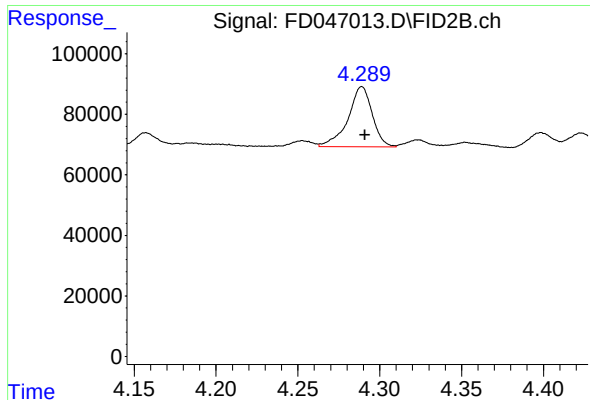
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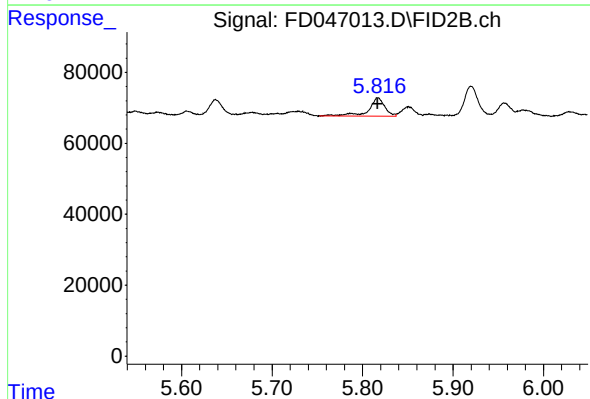




#1 1,2,3-Trimethylbenzene (C10.1)

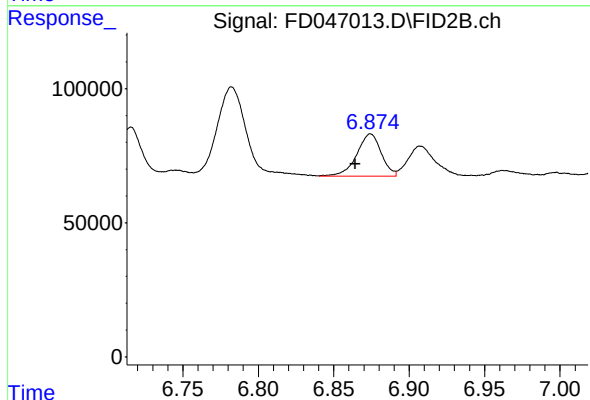
R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 205020
Conc: 1.10 ug/ml

Instrument :
FID_D
ClientSampleId :



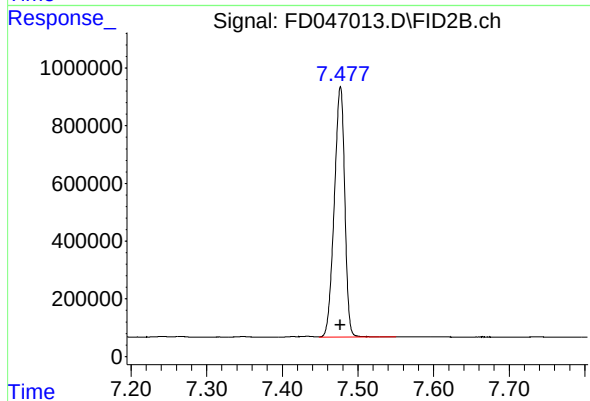
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 63258
Conc: 0.33 ug/ml



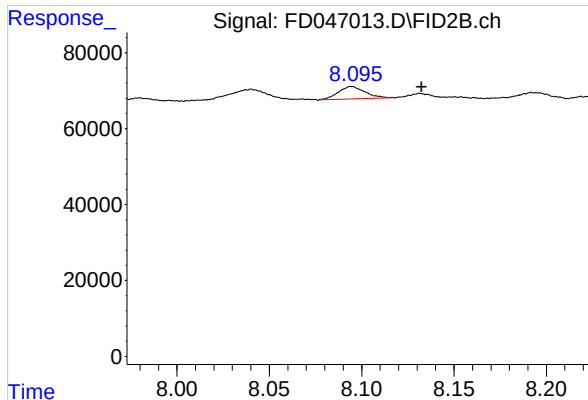
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min
Delta R.T.: 0.010 min
Response: 178943
Conc: 0.93 ug/ml



#4 2-Bromonaphthalene (SURR)

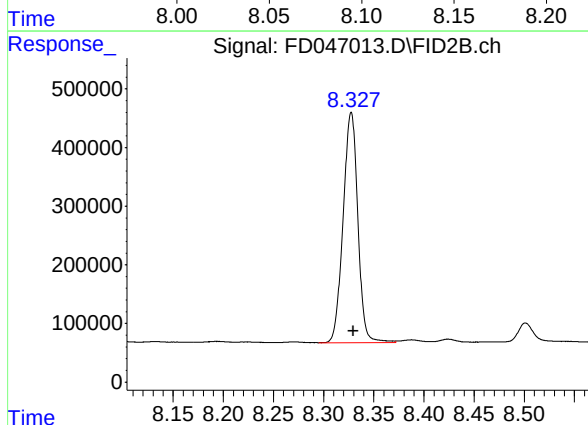
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 8357022
Conc: 48.31 ug/ml



#5 Acenaphthylene (C15.06)

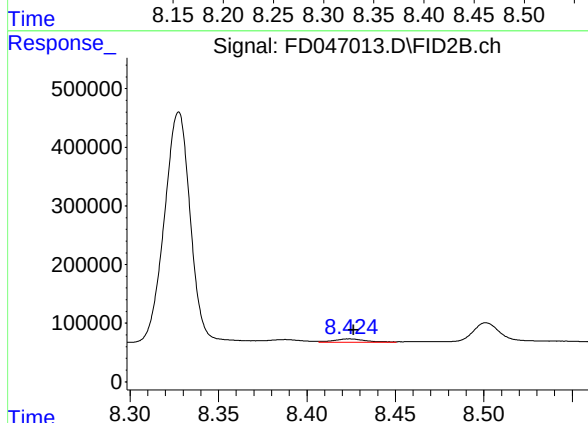
R.T.: 8.095 min
Delta R.T.: -0.038 min
Response: 33222
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



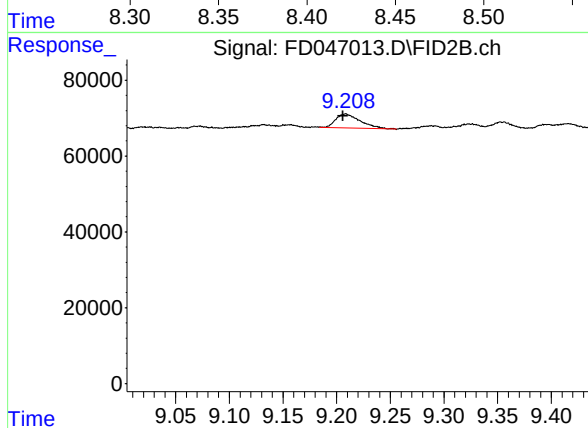
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.327 min
Delta R.T.: -0.002 min
Response: 4019092
Conc: 36.96 ug/ml



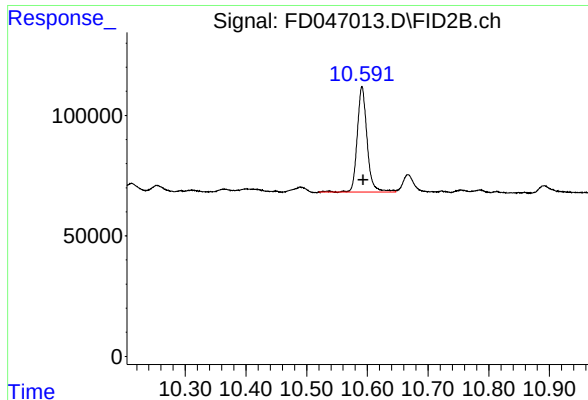
#7 Acenaphthene (C15.5)

R.T.: 8.424 min
Delta R.T.: -0.002 min
Response: 77279
Conc: 0.42 ug/ml



#8 Flouorene (C16.55)

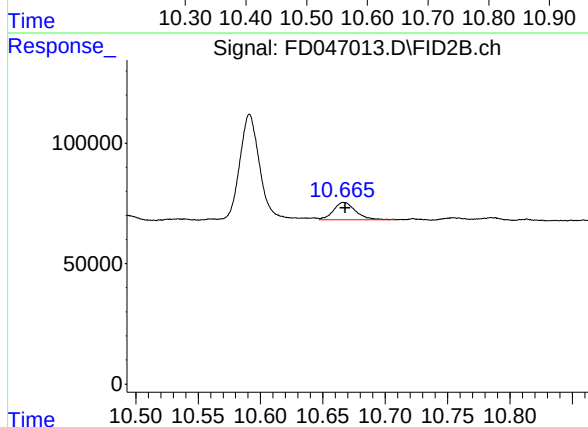
R.T.: 9.208 min
Delta R.T.: 0.002 min
Response: 58864
Conc: 0.34 ug/ml



#9 Phenanthrene (C19.36)

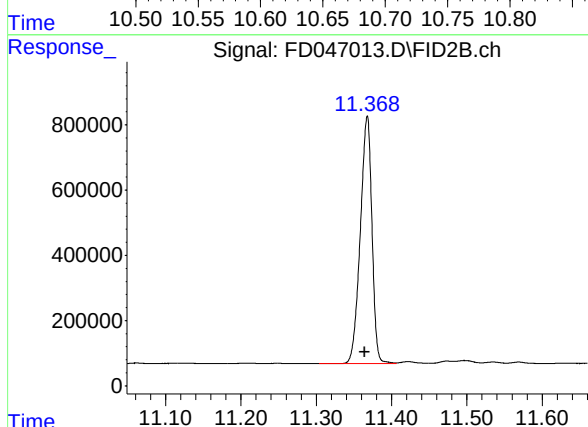
R.T.: 10.591 min
Delta R.T.: -0.002 min
Response: 494851
Conc: 3.01 ug/ml

Instrument :
FID_D
ClientSampleId :



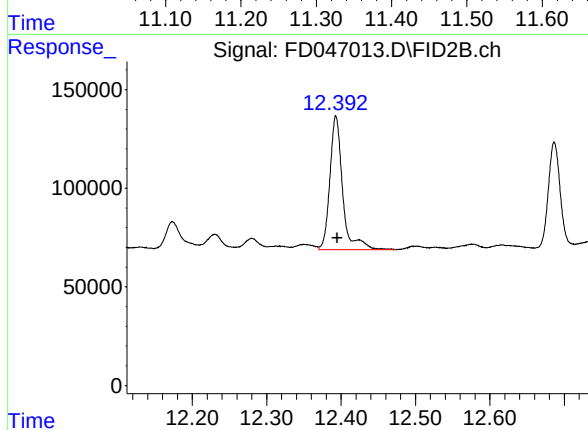
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 88306
Conc: 0.57 ug/ml



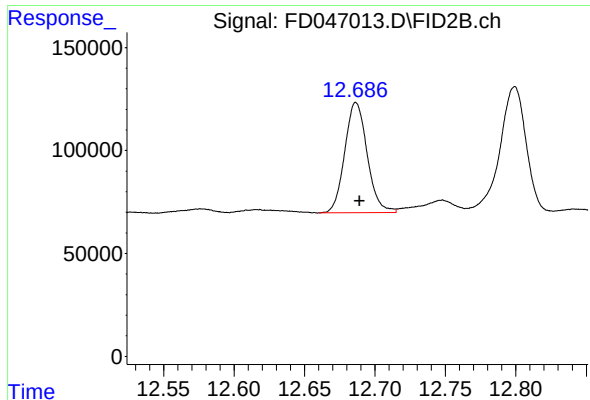
#11 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.003 min
Response: 8162618
Conc: 41.02 ug/ml



#12 Fluoranthene (C21.85)

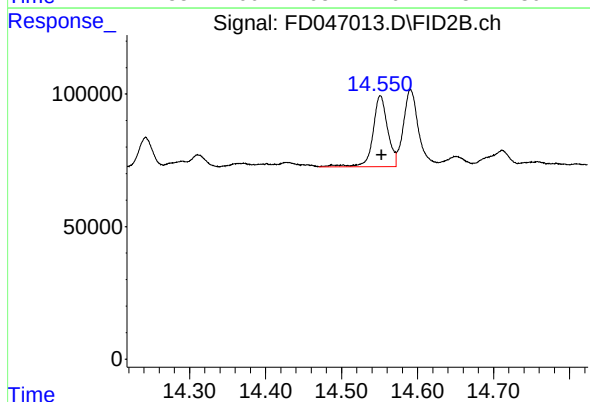
R.T.: 12.393 min
Delta R.T.: -0.002 min
Response: 806659
Conc: 5.09 ug/ml



#13 Pyrene (C20.8)

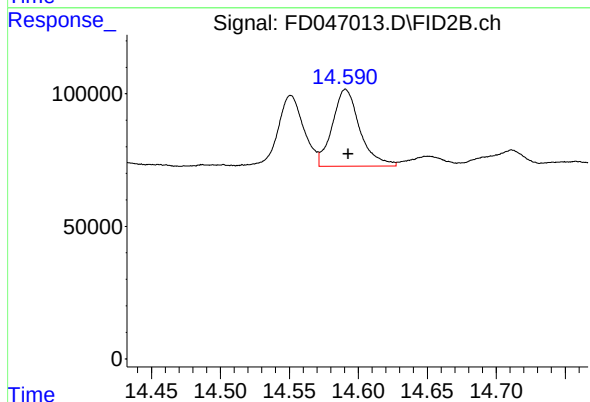
R.T.: 12.687 min
Delta R.T.: -0.003 min
Response: 593921
Conc: 3.88 ug/ml

Instrument :
FID_D
ClientSampleId :



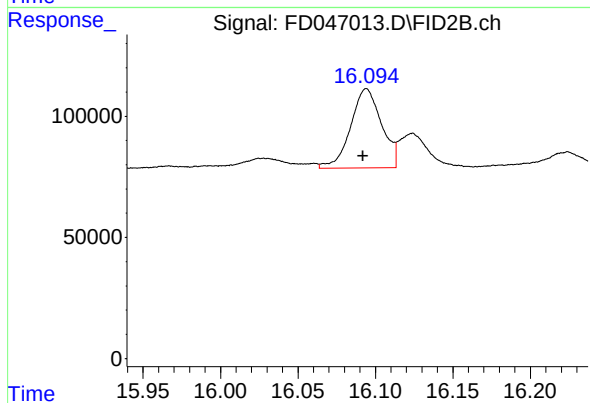
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: -0.002 min
Response: 359763
Conc: 2.77 ug/ml



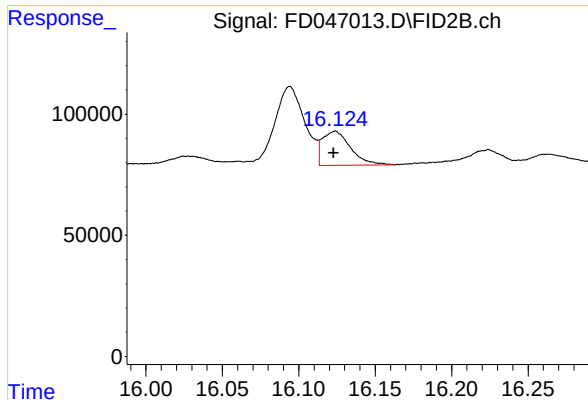
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: -0.002 min
Response: 400966
Conc: 2.80 ug/ml



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

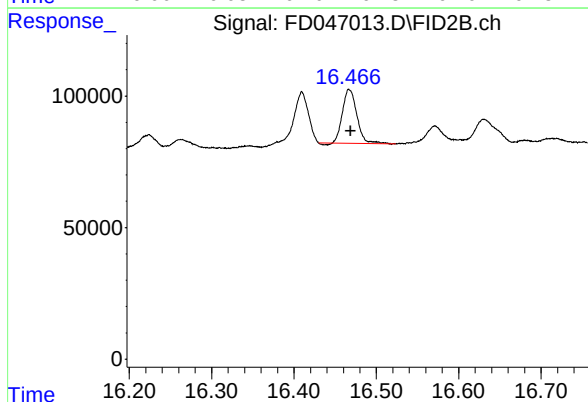
R.T.: 16.094 min
Delta R.T.: 0.002 min
Response: 454643
Conc: 3.40 ug/ml



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

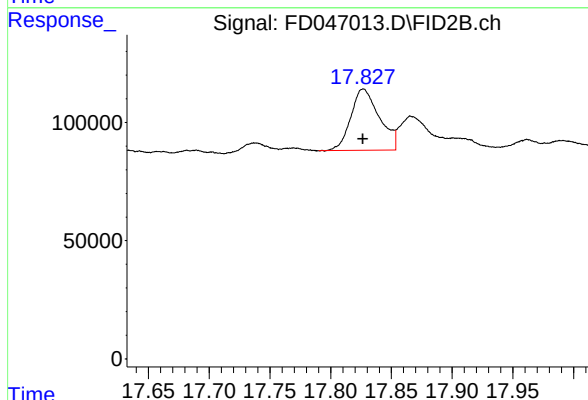
R.T.: 16.123 min
Delta R.T.: 0.000 min
Response: 180800
Conc: 1.32 ug/ml

Instrument :
FID_D
ClientSampleId :



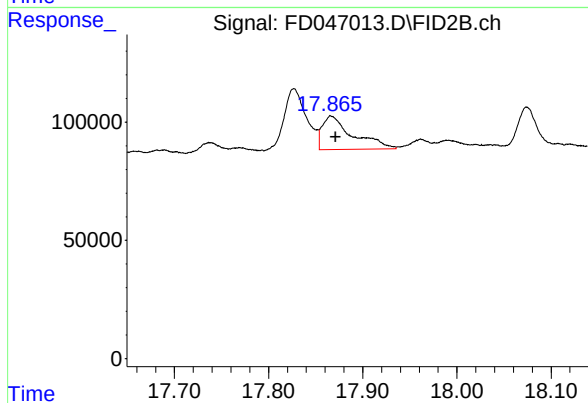
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.467 min
Delta R.T.: -0.002 min
Response: 246318
Conc: 1.88 ug/ml



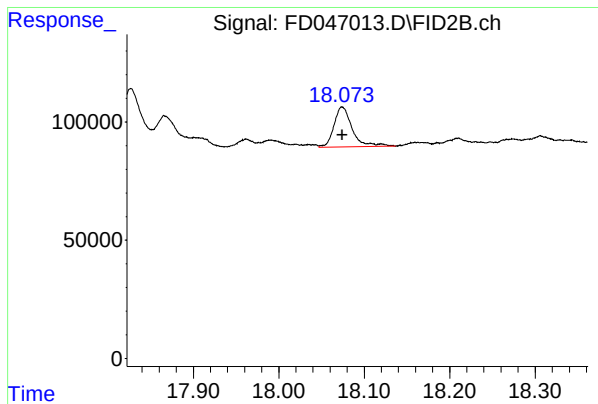
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.000 min
Response: 426279
Conc: 3.57 ug/ml



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

R.T.: 17.867 min
Delta R.T.: -0.004 min
Response: 317596
Conc: 2.44 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 248921
Conc: 1.90 ug/ml

Instrument :
FID_D
ClientSampleId :