

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120723AR\
 Data File : FD047012.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2023 18:02
 Operator : YP/AJ
 Sample : 05639-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 23:26:38 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...	7.476	8224866	47.541 ug/ml
Spiked Amount 50.000		Recovery =	95.08%
6) S 2-Fluorobiphenyl (SURR)	8.328	3928903	36.131 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.26%
11) S ortho-Terphenyl (SURR)	11.367	7980323	40.103 ug/ml
Spiked Amount 50.000		Recovery =	80.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.290	192534	1.035 ug/ml
2) T Naphthalene (C11.7)	5.819	57066	0.300 ug/ml
3) T 2-Methylnaphthalene (...)	6.874	155558	0.808 ug/ml
5) T Acenaphthylene (C15.06)	8.097	27180	0.156 ug/ml
7) T Acenaphthene (C15.5)	8.426	79269	0.427 ug/ml
8) T Fluorene (C16.55)	9.212	62202	0.360 ug/ml
9) T Phenanthrene (C19.36)	10.592	487701	2.970 ug/ml
10) T Anthracene (C19.43)	10.671	100344	0.649 ug/ml
12) T Fluoranthene (C21.85)	12.393	775472	4.893 ug/ml
13) T Pyrene (C20.8)	12.687	572938	3.745 ug/ml
14) T Benzo[a]anthracene (C...	14.551	336562	2.596 ug/ml
15) T Chrysene (C27.41)	14.590	398532	2.780 ug/ml
16) T benzo[b]fluoranthene ...	16.093	475247	3.558 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	242194	1.773 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	294571	2.248 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	589580	4.941 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	672013	5.172 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	426323	3.258 ug/ml

(f)=RT Delta > 1/2 Window

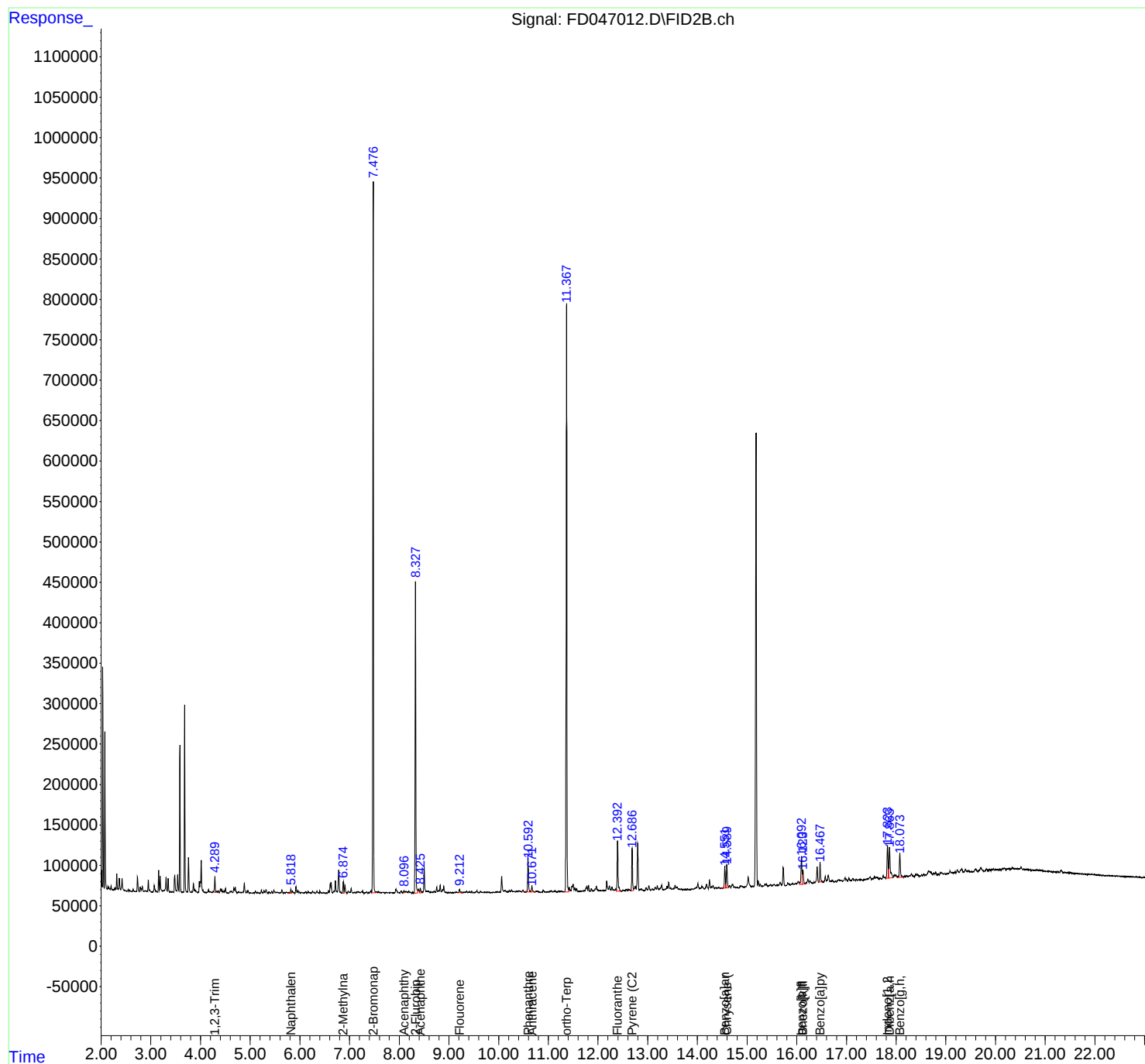
(m)=manual int.

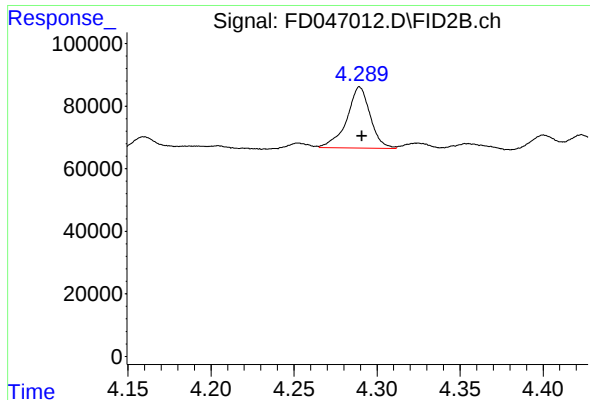
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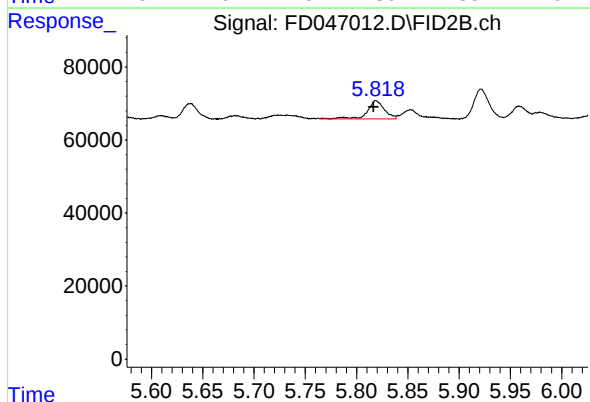




#1 1,2,3-Trimethylbenzene (C10.1)

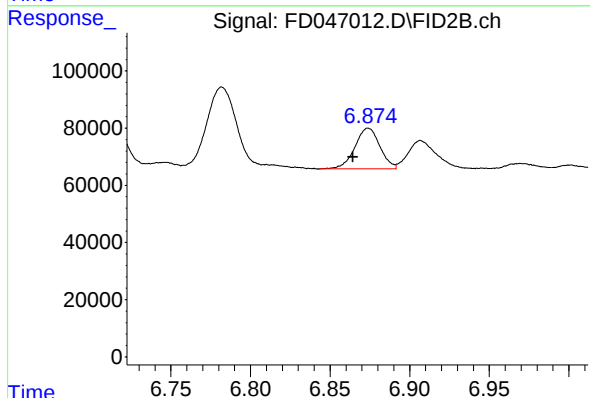
R.T.: 4.290 min
Delta R.T.: -0.001 min
Response: 192534
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



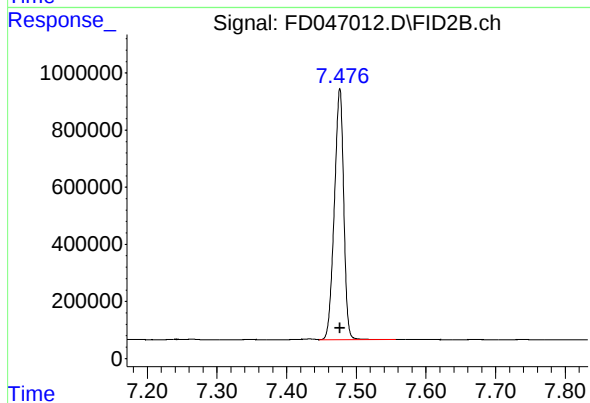
#2 Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.003 min
Response: 57066
Conc: 0.30 ug/ml



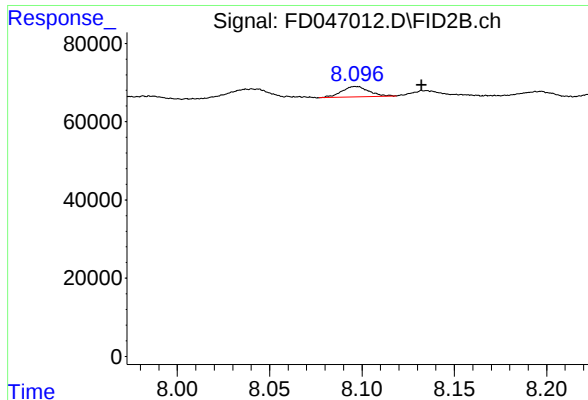
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min
Delta R.T.: 0.010 min
Response: 155558
Conc: 0.81 ug/ml



#4 2-Bromonaphthalene (SURR)

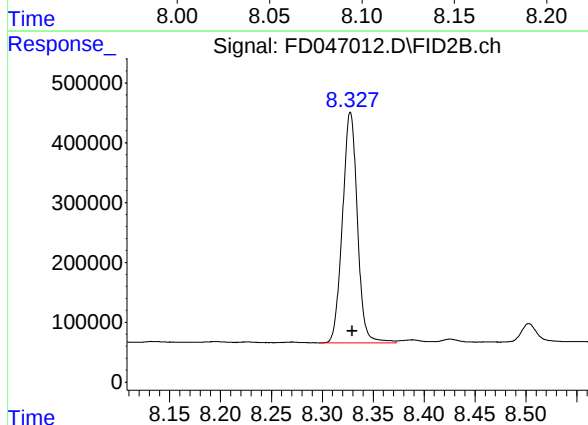
R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 8224866
Conc: 47.54 ug/ml



#5 Acenaphthylene (C15.06)

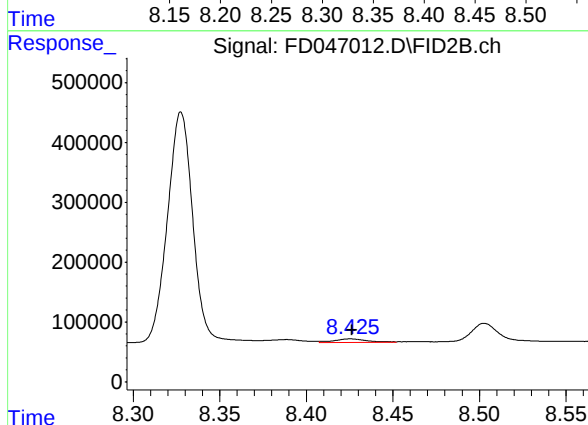
R.T.: 8.097 min
Delta R.T.: -0.036 min
Response: 27180
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



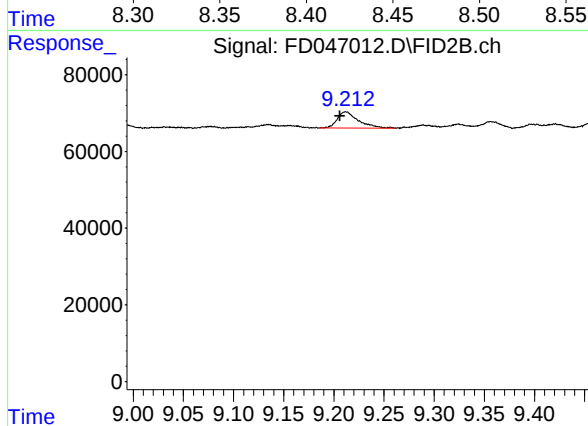
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.002 min
Response: 3928903
Conc: 36.13 ug/ml



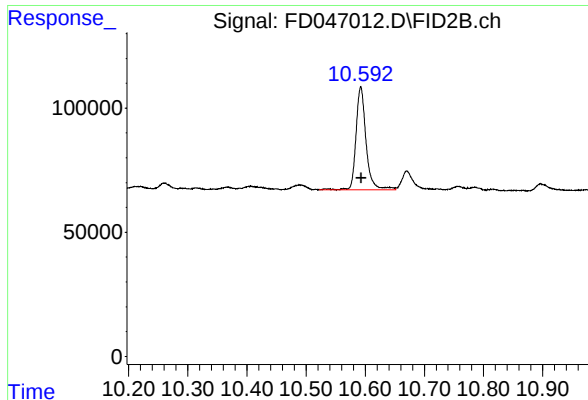
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 79269
Conc: 0.43 ug/ml



#8 Flouorene (C16.55)

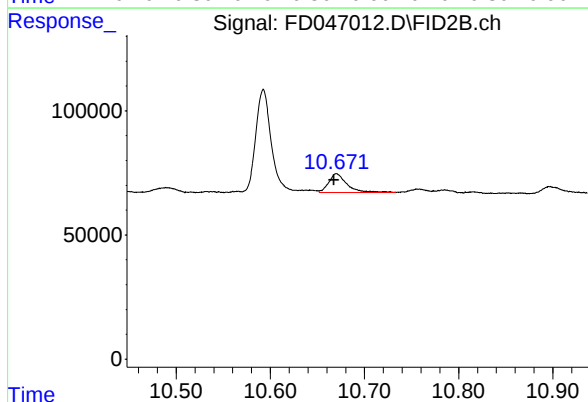
R.T.: 9.212 min
Delta R.T.: 0.006 min
Response: 62202
Conc: 0.36 ug/ml



#9 Phenanthrene (C19.36)

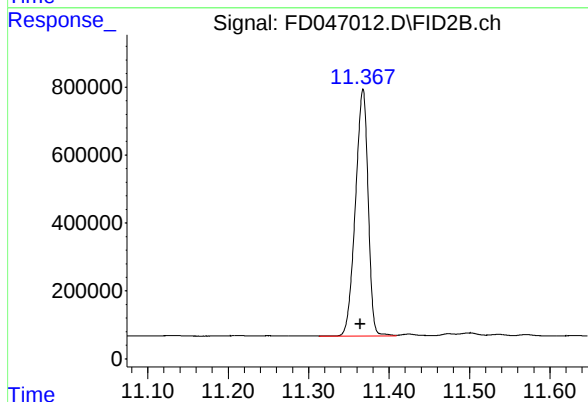
R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 487701
Conc: 2.97 ug/ml

Instrument :
FID_D
ClientSampleId :



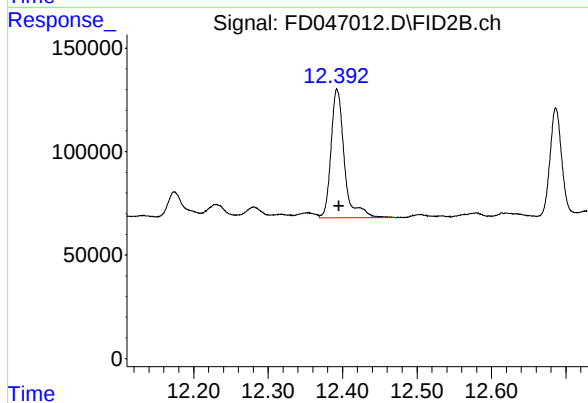
#10 Anthracene (C19.43)

R.T.: 10.671 min
Delta R.T.: 0.003 min
Response: 100344
Conc: 0.65 ug/ml



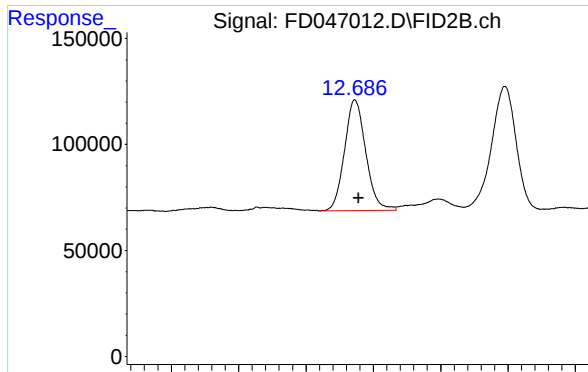
#11 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: 0.003 min
Response: 7980323
Conc: 40.10 ug/ml



#12 Fluoranthene (C21.85)

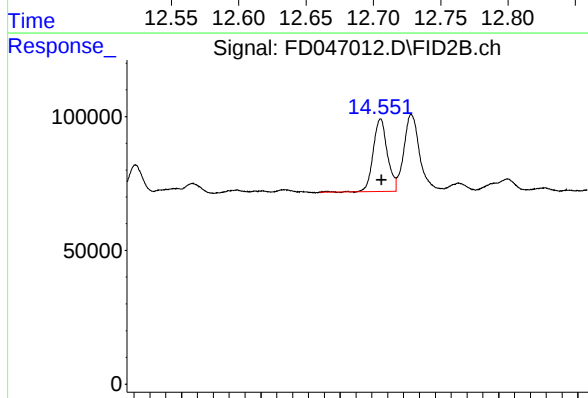
R.T.: 12.393 min
Delta R.T.: -0.002 min
Response: 775472
Conc: 4.89 ug/ml



#13 Pyrene (C20.8)

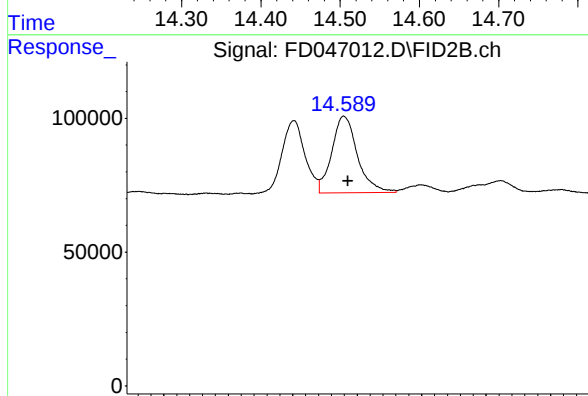
R.T.: 12.687 min
Delta R.T.: -0.003 min
Response: 572938
Conc: 3.74 ug/ml

Instrument :
FID_D
ClientSampleId :



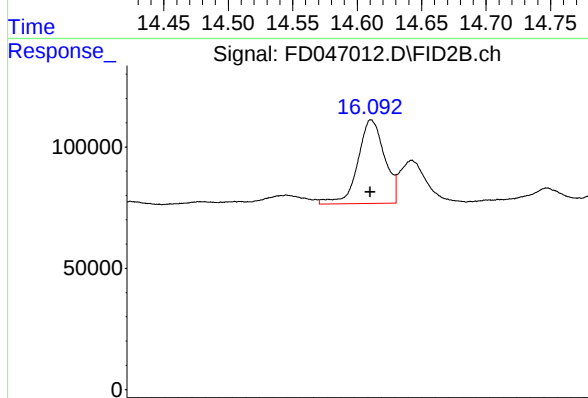
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: -0.002 min
Response: 336562
Conc: 2.60 ug/ml



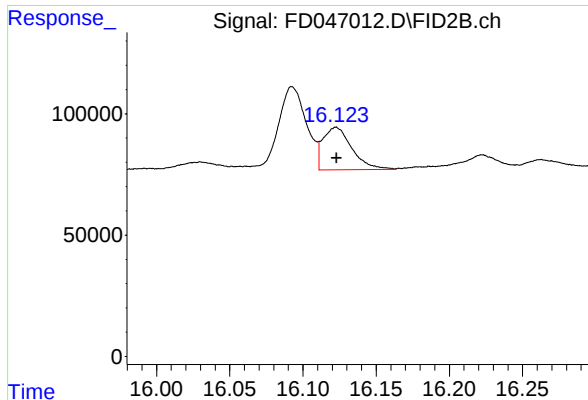
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: -0.003 min
Response: 398532
Conc: 2.78 ug/ml



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

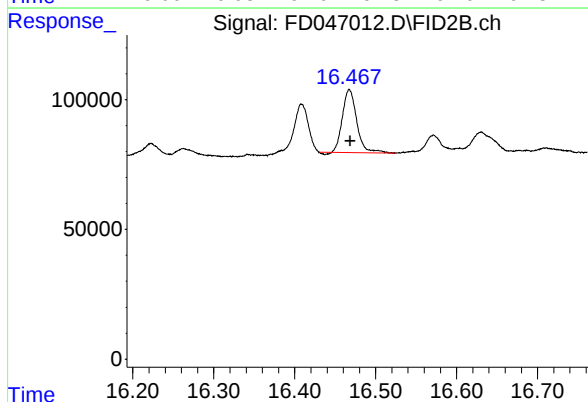
R.T.: 16.093 min
Delta R.T.: 0.000 min
Response: 475247
Conc: 3.56 ug/ml



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

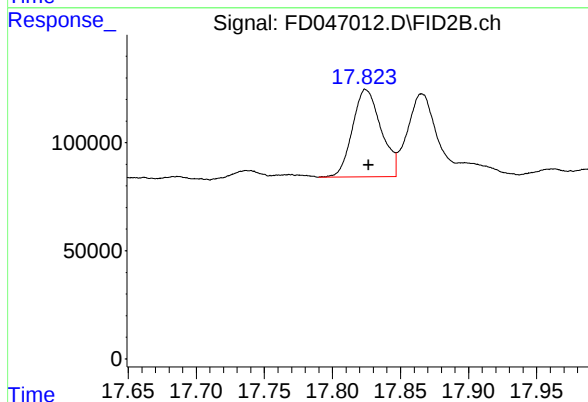
R.T.: 16.122 min
Delta R.T.: 0.000 min
Response: 242194
Conc: 1.77 ug/ml

Instrument :
FID_D
ClientSampleId :



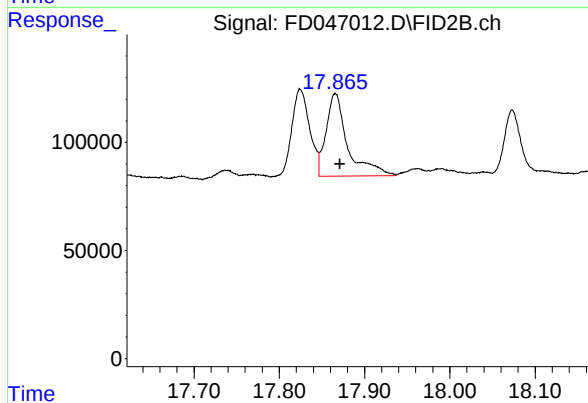
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: -0.001 min
Response: 294571
Conc: 2.25 ug/ml



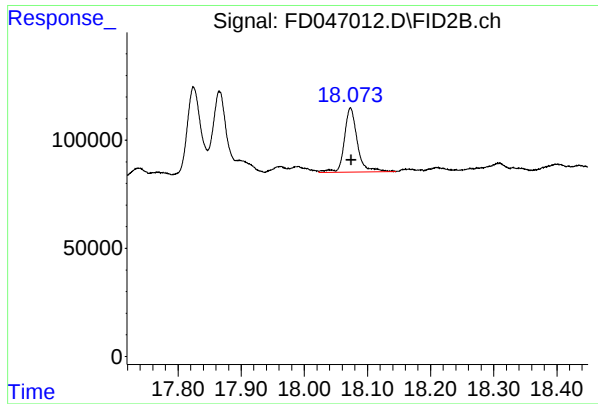
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: -0.002 min
Response: 589580
Conc: 4.94 ug/ml



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

R.T.: 17.866 min
Delta R.T.: -0.006 min
Response: 672013
Conc: 5.17 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.001 min
Response: 426323
Conc: 3.26 ug/ml

Instrument :
FID_D
ClientSampleId :