

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061522AR\
 Data File : FD042924.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jun 2022 18:50
 Operator : UA/NP
 Sample : N3334-05
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 16 03:01:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.661	9510017	62.234 ug/ml
Spiked Amount 50.000		Recovery =	124.47%
6) S 2-Fluorobiphenyl (SURR)	8.529	4544548	44.188 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.38%
11) S ortho-Terphenyl (SURR)	11.583	8268202	46.575 ug/ml
Spiked Amount 50.000		Recovery =	93.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	343370	2.051 ug/ml
2) T Naphthalene (C11.7)	5.991	1173733	6.789 ug/ml
3) T 2-Methylnaphthalene (...)	7.048	6297579	39.491 ug/ml
7) T Acenaphthene (C15.5)	8.639	2357278	13.700 ug/ml
8) T Fluorene (C16.55)	9.412	1773712	10.565 ug/ml
9) T Phenanthrene (C19.36)	10.812	4675547	28.433 ug/ml
10) T Anthracene (C19.43)	10.891	3172103	20.754 ug/ml
12) T Fluoranthene (C21.85)	12.634	2295468	14.570 ug/ml
13) T Pyrene (C20.8)	12.932	4856345	31.193 ug/ml
14) T Benzo[a]anthracene (C...	14.771	2357077	17.678 ug/ml
15) T Chrysene (C27.41)	14.812	1993118	15.086 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2256729	16.940 ug/ml
17) T Bnezo[k]fluoranthene ...	16.374	3493704	28.207 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.696	4394634	35.506 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.090	551047	4.944 ug/ml
20) T Dibenz[a,h]anthracene...	18.090	551047	4.954 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	17473	0.147 ug/ml

(f)=RT Delta > 1/2 Window

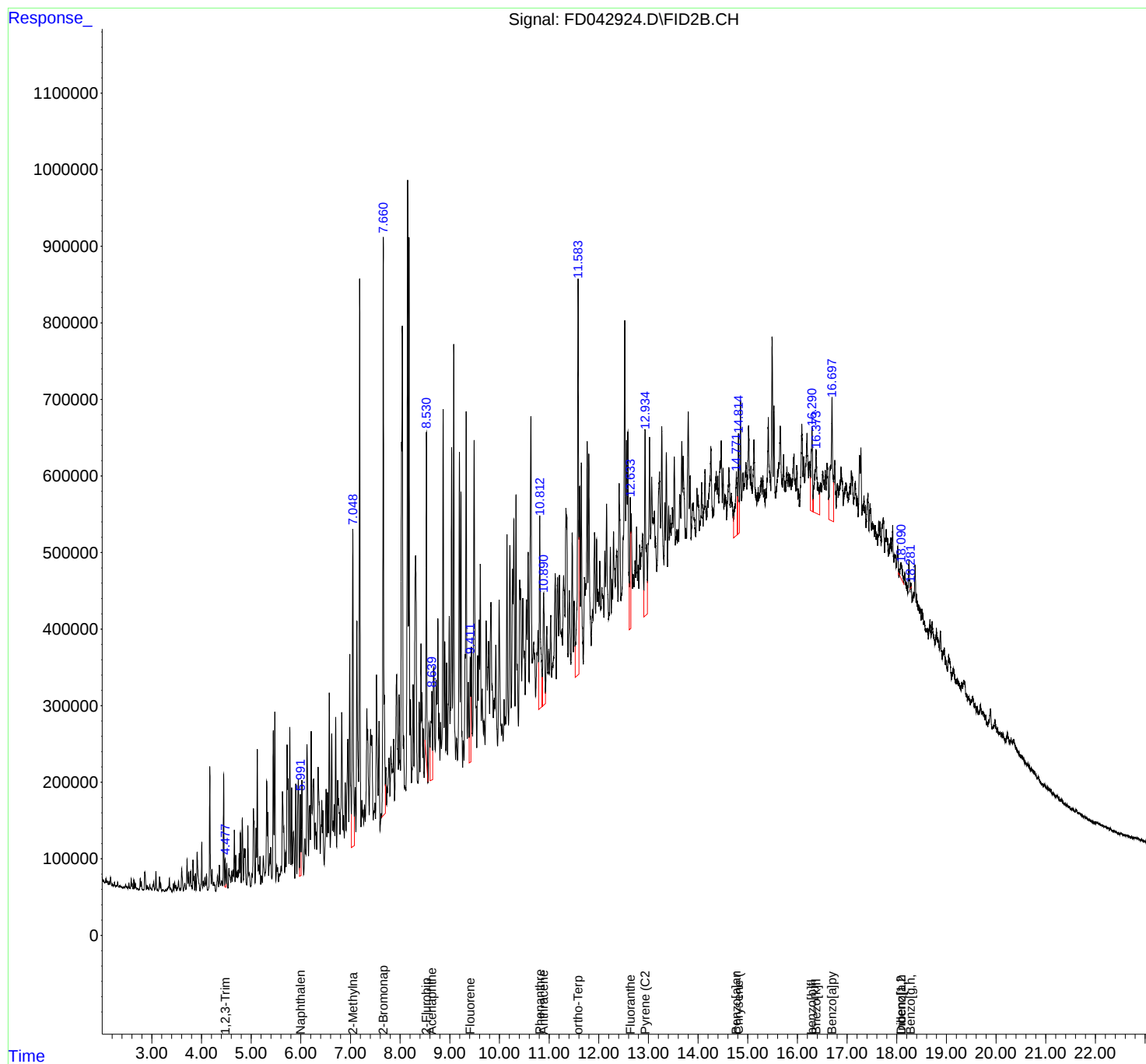
(m)=manual int.

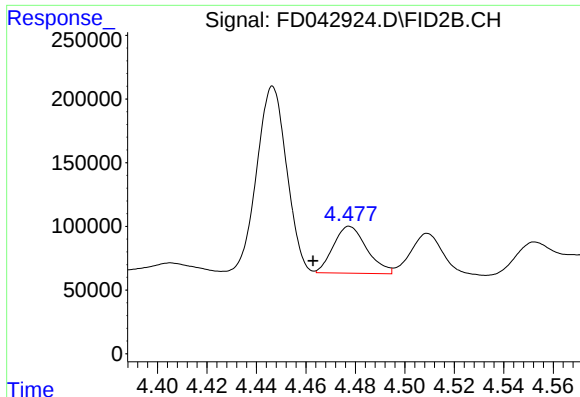
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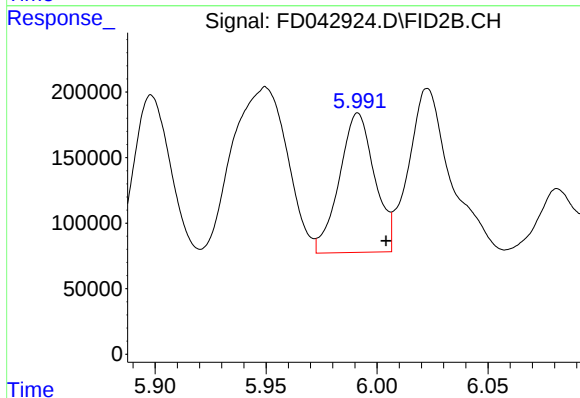




#1 1,2,3-Trimethylbenzene (C10.1)

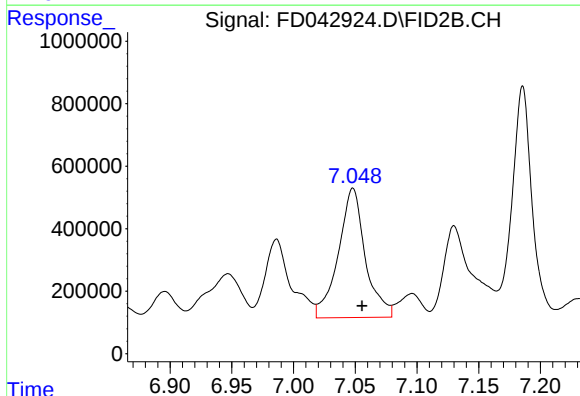
R.T.: 4.478 min
Delta R.T.: 0.015 min
Response: 343370
Conc: 2.05 ug/ml

Instrument :
FID_D
ClientSampleId :



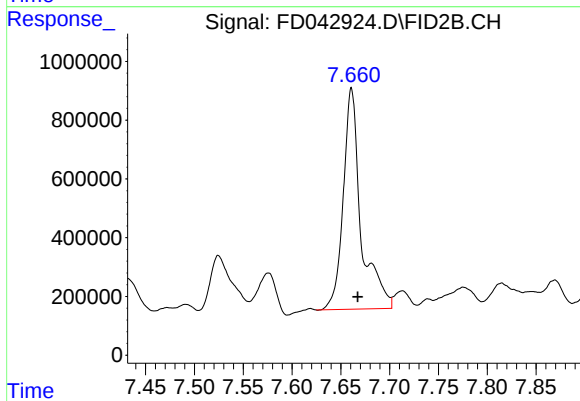
#2 Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.013 min
Response: 1173733
Conc: 6.79 ug/ml



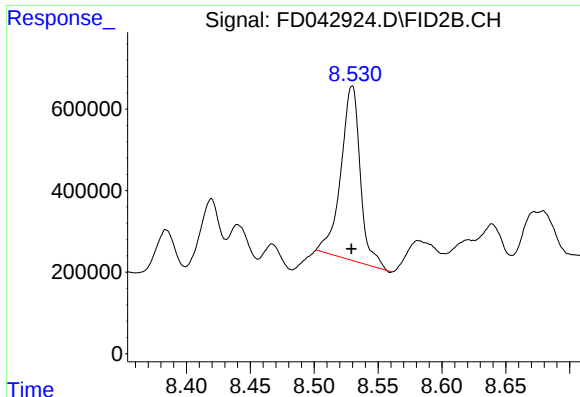
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 6297579
Conc: 39.49 ug/ml



#4 2-Bromonaphthalene (SURR)

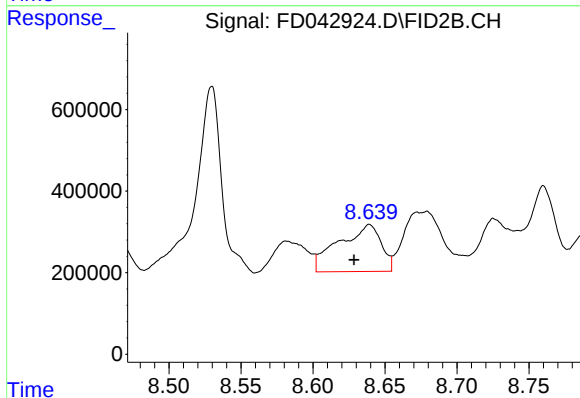
R.T.: 7.661 min
Delta R.T.: -0.006 min
Response: 9510017
Conc: 62.23 ug/ml



#6 2-Fluorobiphenyl (SURR)

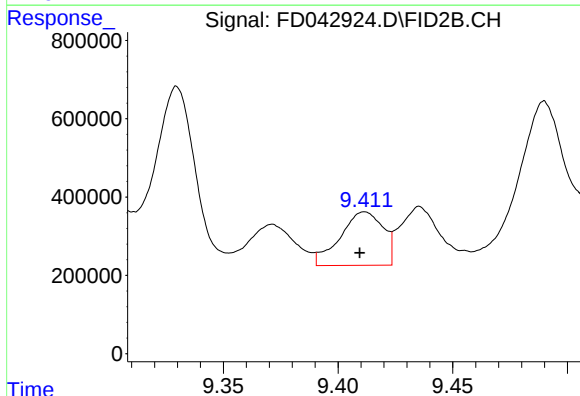
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 4544548
Conc: 44.19 ug/ml

Instrument :
FID_D
ClientSampleId :



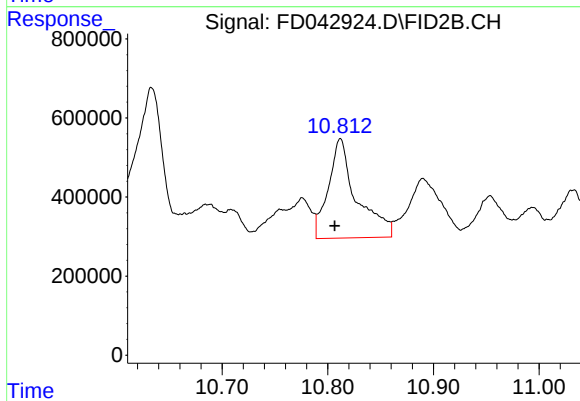
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.010 min
Response: 2357278
Conc: 13.70 ug/ml



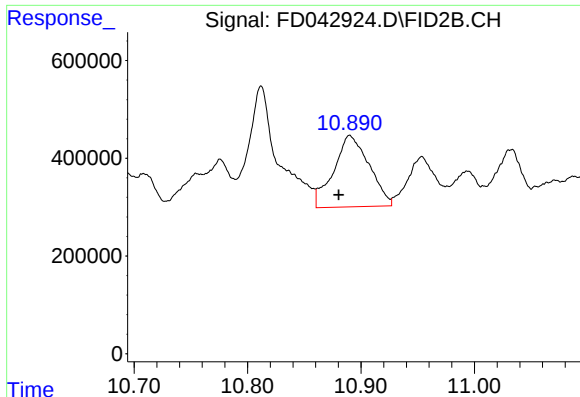
#8 Flouorene (C16.55)

R.T.: 9.412 min
Delta R.T.: 0.002 min
Response: 1773712
Conc: 10.57 ug/ml



#9 Phenanthrene (C19.36)

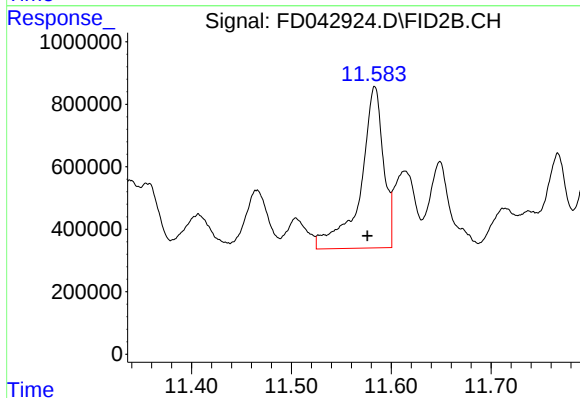
R.T.: 10.812 min
Delta R.T.: 0.005 min
Response: 4675547
Conc: 28.43 ug/ml



#10 Anthracene (C19.43)

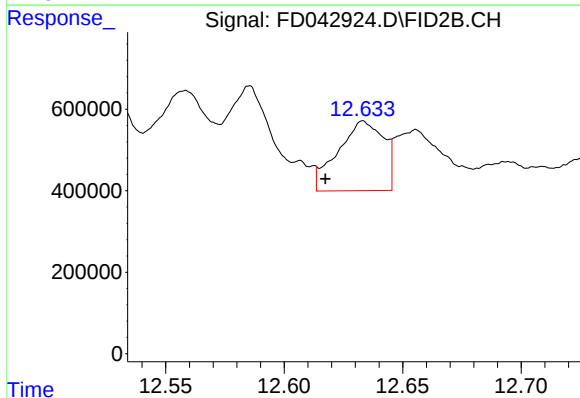
R.T.: 10.891 min
Delta R.T.: 0.010 min
Response: 3172103
Conc: 20.75 ug/ml

Instrument :
FID_D
ClientSampleId :



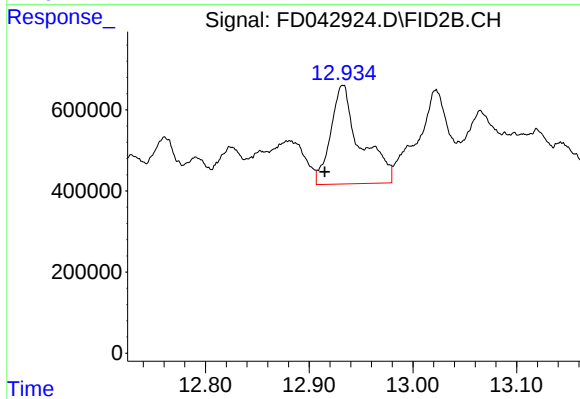
#11 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: 0.007 min
Response: 8268202
Conc: 46.58 ug/ml



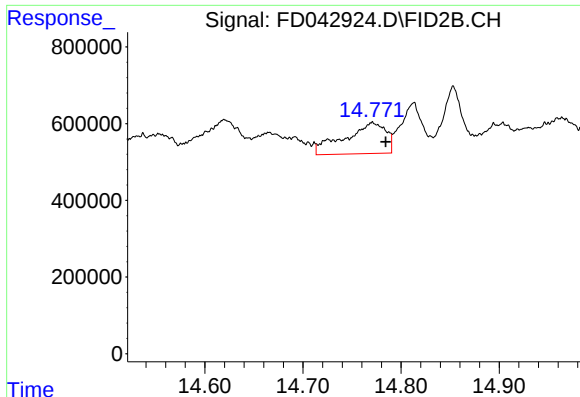
#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: 0.017 min
Response: 2295468
Conc: 14.57 ug/ml



#13 Pyrene (C20.8)

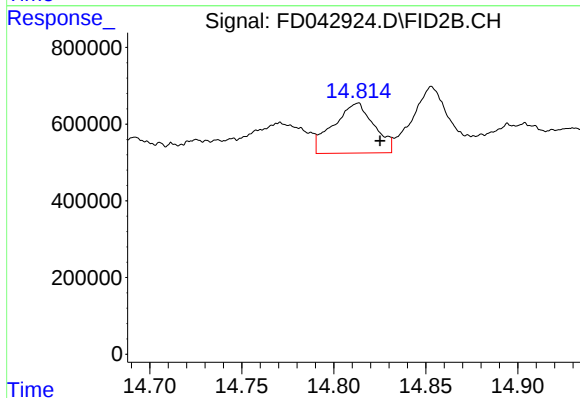
R.T.: 12.932 min
Delta R.T.: 0.017 min
Response: 4856345
Conc: 31.19 ug/ml



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

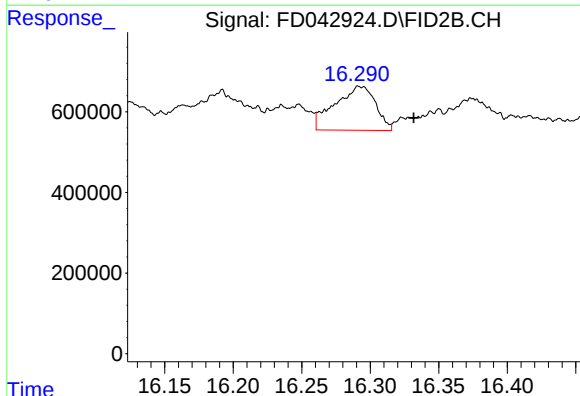
R.T.: 14.771 min
Delta R.T.: -0.013 min
Response: 2357077
Conc: 17.68 ug/ml

Instrument :
FID_D
ClientSampleId :



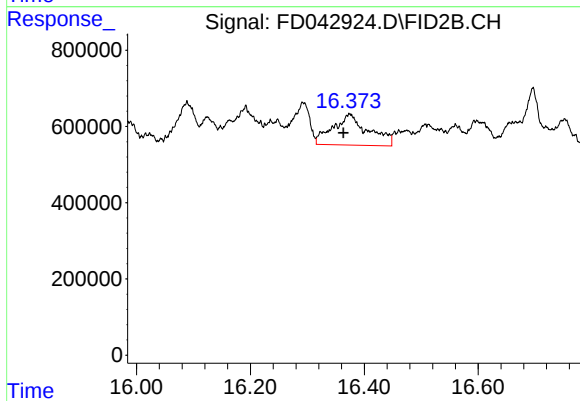
#15 Chrysene (C27.41)

R.T.: 14.812 min
Delta R.T.: -0.013 min
Response: 1993118
Conc: 15.09 ug/ml



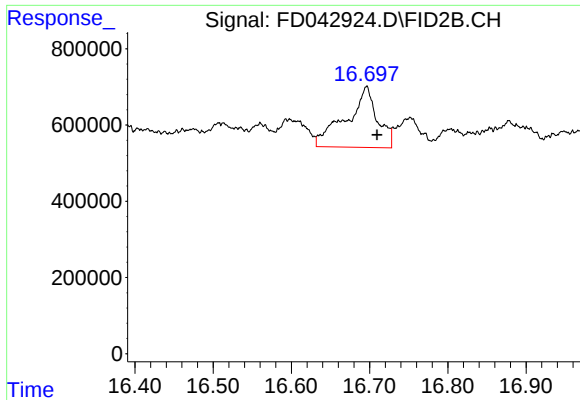
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: -0.039 min
Response: 2256729
Conc: 16.94 ug/ml



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

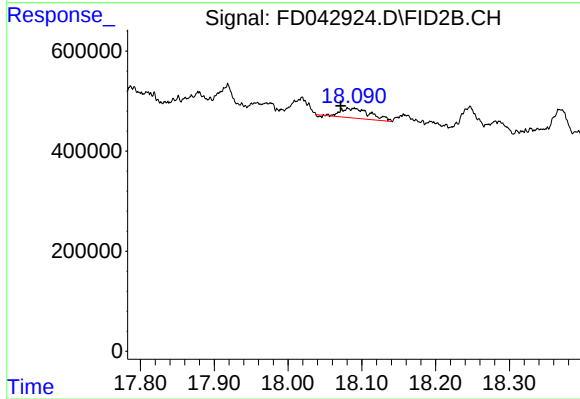
R.T.: 16.374 min
Delta R.T.: 0.011 min
Response: 3493704
Conc: 28.21 ug/ml



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

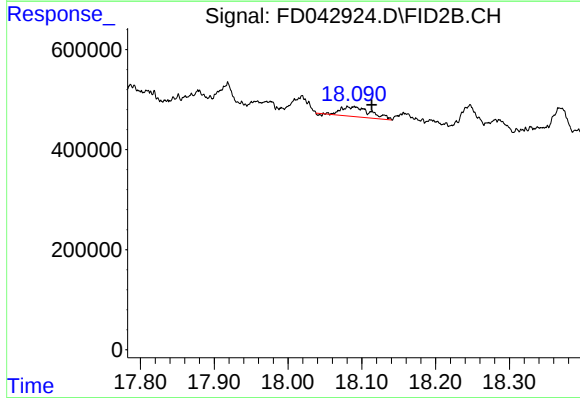
R.T.: 16.696 min
Delta R.T.: -0.014 min
Response: 4394634
Conc: 35.51 ug/ml

Instrument :
FID_D
ClientSampleId :



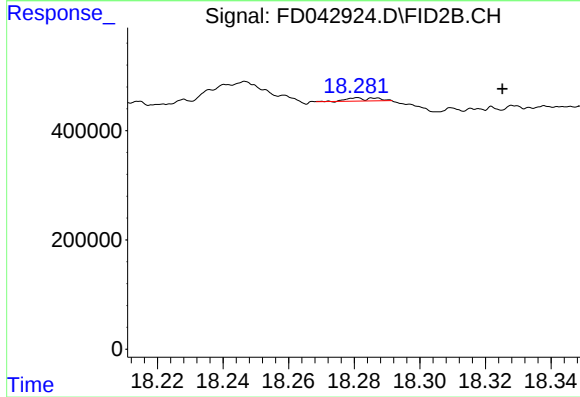
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.090 min
Delta R.T.: 0.019 min
Response: 551047
Conc: 4.94 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.023 min
Response: 551047
Conc: 4.95 ug/ml



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

R.T.: 18.283 min
Delta R.T.: -0.042 min
Response: 17473
Conc: 0.15 ug/ml