

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062022AR\
 Data File : FD042975.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jun 2022 18:05
 Operator : UA/NP
 Sample : N3213-04DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:29:03 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...	7.660	2580987	16.890 ug/ml
Spiked Amount 50.000		Recovery =	33.78%
6) S 2-Fluorobiphenyl (SURR)	8.529	833454	8.104 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.21%
11) S ortho-Terphenyl (SURR)	11.628f	13454631	75.791 ug/ml
Spiked Amount 50.000		Recovery =	151.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	118204	0.706 ug/ml
2) T Naphthalene (C11.7)	5.993	2841179	16.433 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	18059895	113.251 ug/ml
7) T Acenaphthene (C15.5)	8.626	1436126	8.346 ug/ml
8) T Fluorene (C16.55)	9.413	1702015	10.138 ug/ml
9) T Phenanthrene (C19.36)	10.822	10134284	61.629 ug/ml
10) T Anthracene (C19.43)	10.893	3179435	20.802 ug/ml
12) T Fluoranthene (C21.85)	12.598	5363870	34.046 ug/ml
13) T Pyrene (C20.8)	12.894	4087243	26.253 ug/ml
14) T Benzo[a]anthracene (C...	14.761	770204	5.777 ug/ml
15) T Chrysene (C27.41)	14.816	1750067	13.246 ug/ml
16) T benzo[b]fluoranthene ...	16.295	1474169	11.066 ug/ml
17) T Bnezo[k]fluoranthene ...	16.377	1905193	15.382 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	1030460	8.326 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.081	88586	0.795 ug/ml
20) T Dibenz[a,h]anthracene...	18.111	134763	1.212 ug/ml
21) T Benzo[g,h,i]perylene ...	18.384f	56160	0.473 ug/ml

(f)=RT Delta > 1/2 Window

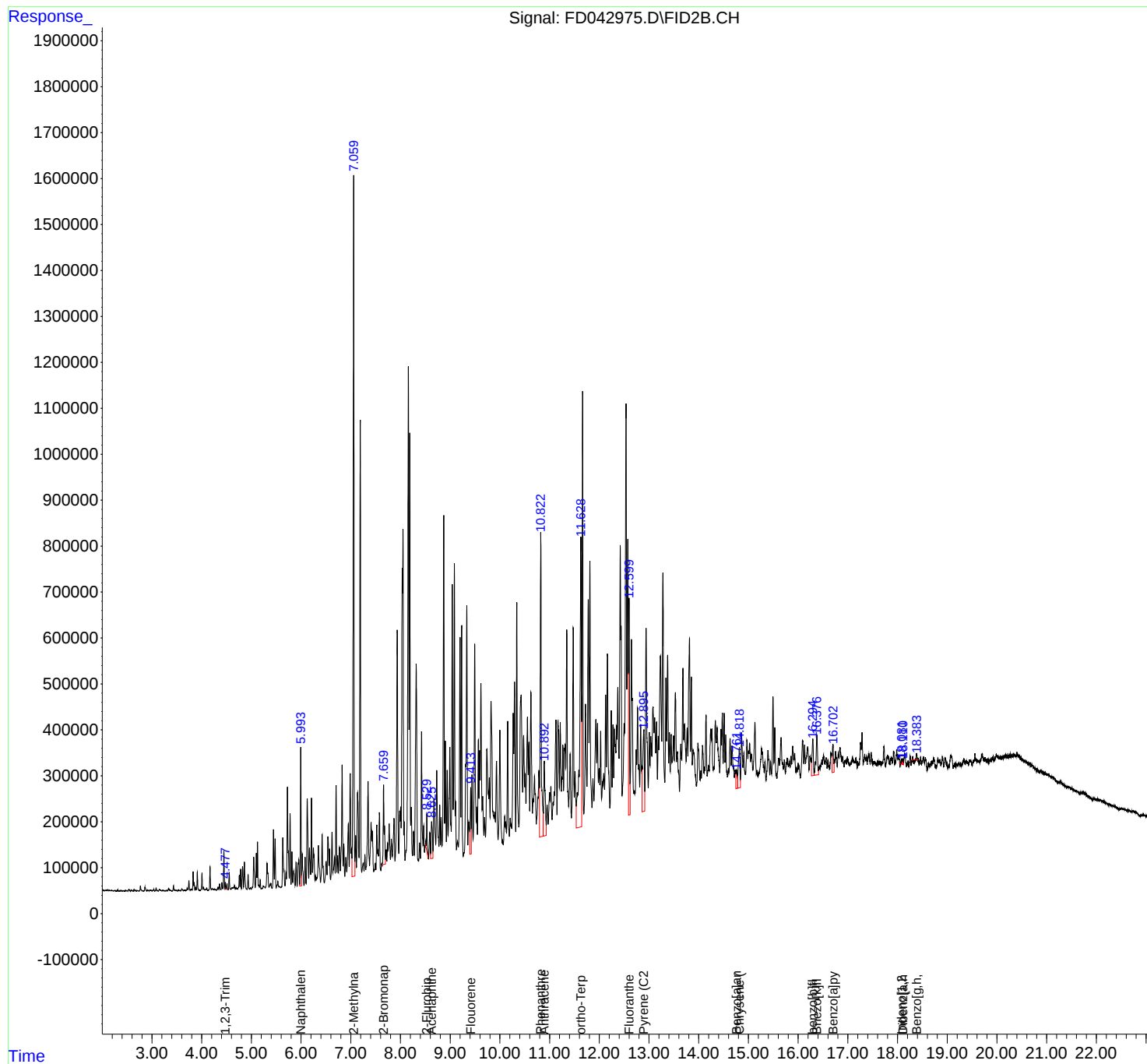
(m)=manual int.

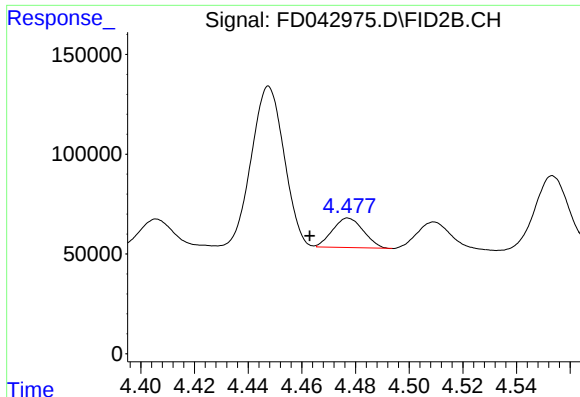
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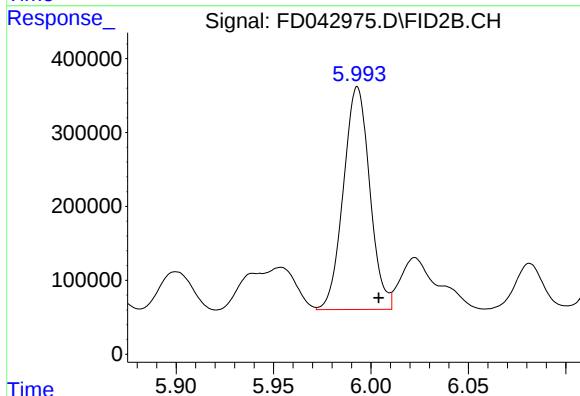




#1 1,2,3-Trimethylbenzene (C10.1)

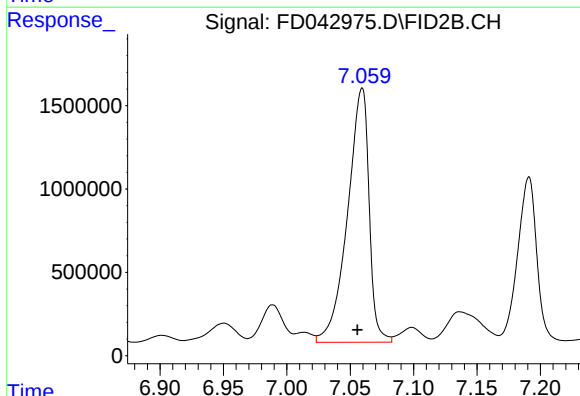
R.T.: 4.478 min
Delta R.T.: 0.014 min
Response: 118204
Conc: 0.71 ug/ml

Instrument :
FID_D
ClientSampleId :



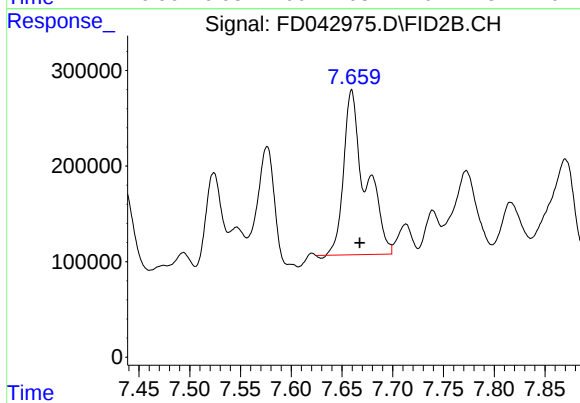
#2 Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.011 min
Response: 2841179
Conc: 16.43 ug/ml



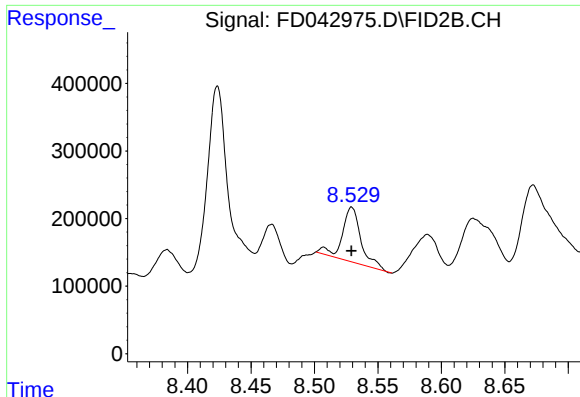
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: 0.003 min
Response: 18059895
Conc: 113.25 ug/ml



#4 2-Bromonaphthalene (SURR)

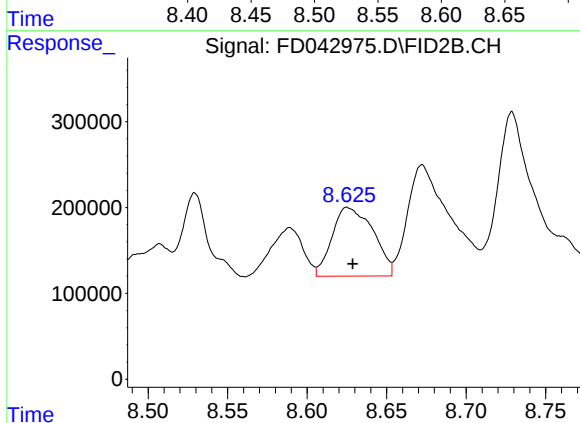
R.T.: 7.660 min
Delta R.T.: -0.008 min
Response: 2580987
Conc: 16.89 ug/ml



#6 2-Fluorobiphenyl (SURR)

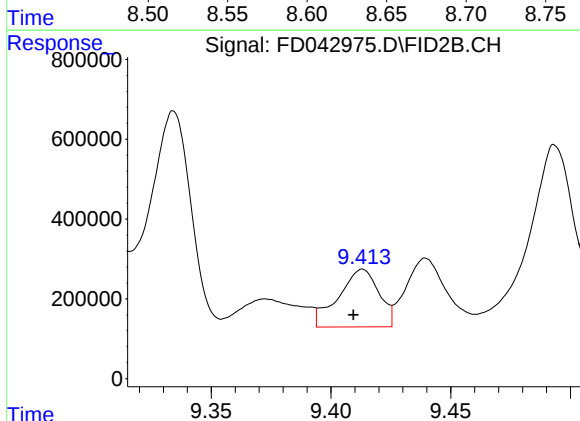
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 833454
Conc: 8.10 ug/ml

Instrument :
FID_D
ClientSampleId :



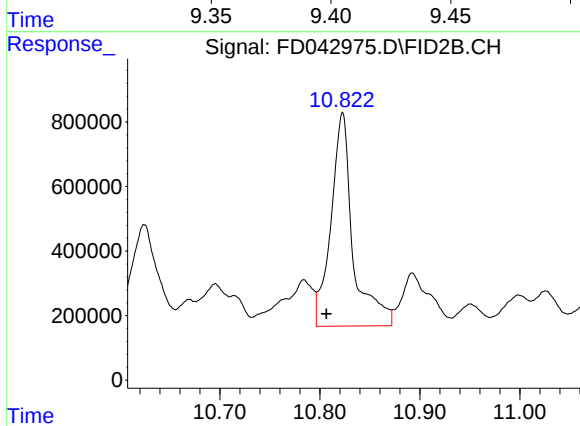
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.002 min
Response: 1436126
Conc: 8.35 ug/ml



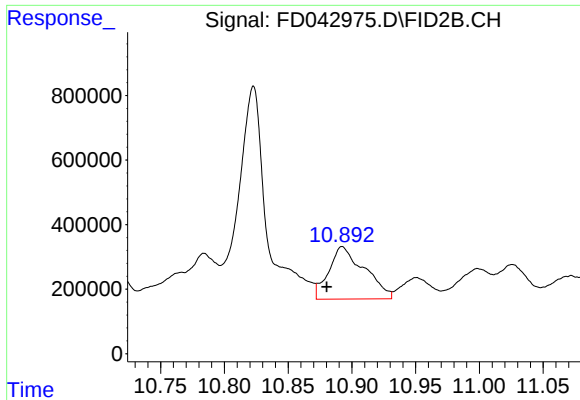
#8 Flouorene (C16.55)

R.T.: 9.413 min
Delta R.T.: 0.004 min
Response: 1702015
Conc: 10.14 ug/ml



#9 Phenanthrene (C19.36)

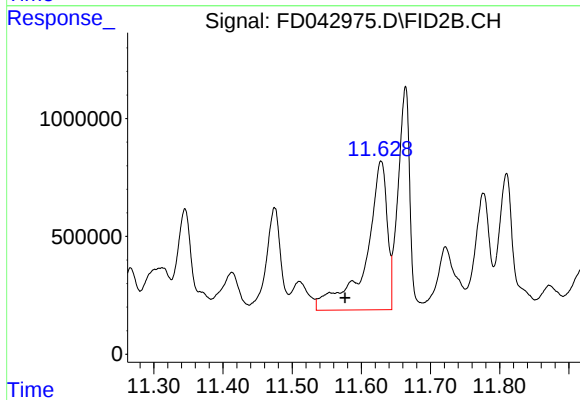
R.T.: 10.822 min
Delta R.T.: 0.016 min
Response: 10134284
Conc: 61.63 ug/ml



#10 Anthracene (C19.43)

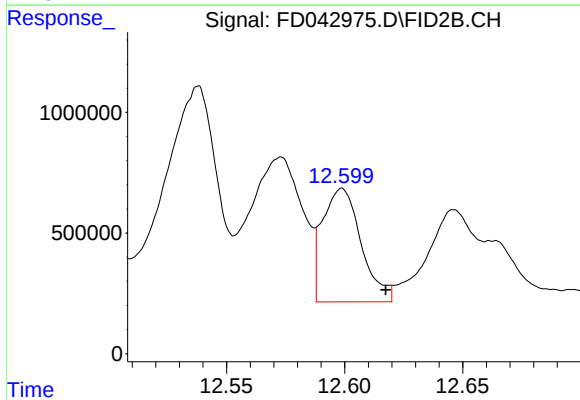
R.T.: 10.893 min
Delta R.T.: 0.012 min
Response: 3179435
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :



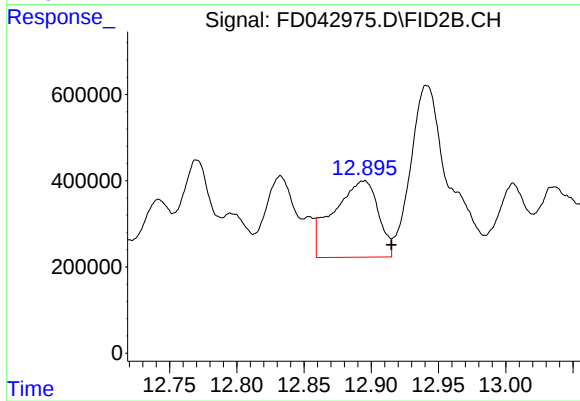
#11 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.052 min
Response: 13454631
Conc: 75.79 ug/ml



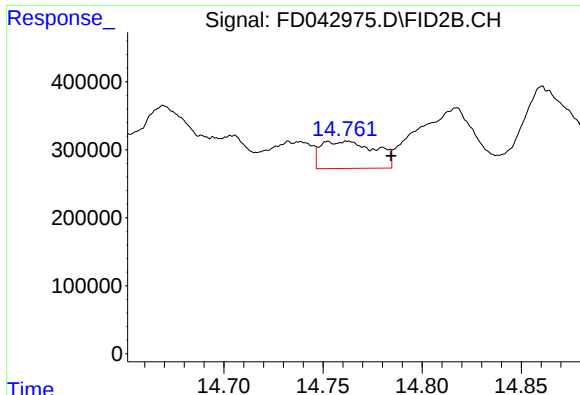
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: -0.019 min
Response: 5363870
Conc: 34.05 ug/ml



#13 Pyrene (C20.8)

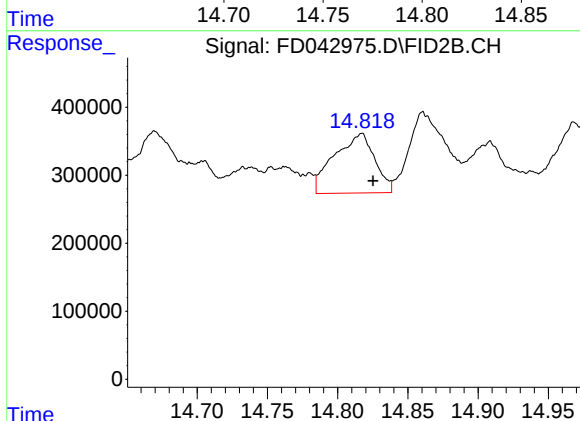
R.T.: 12.894 min
Delta R.T.: -0.021 min
Response: 4087243
Conc: 26.25 ug/ml



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

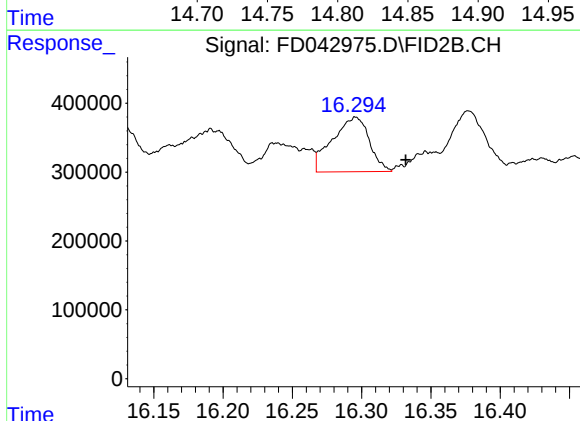
R.T.: 14.761 min
Delta R.T.: -0.023 min
Response: 770204
Conc: 5.78 ug/ml

Instrument :
FID_D
ClientSampleId :



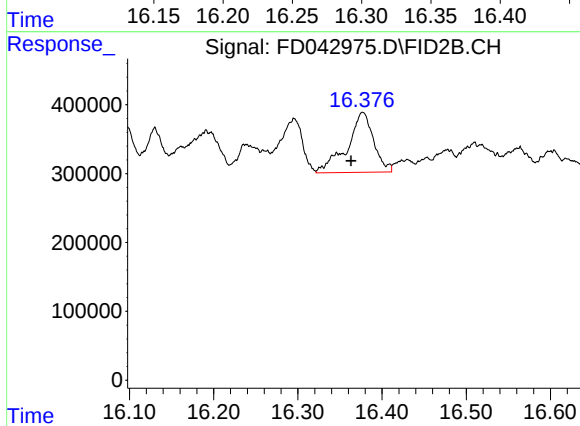
#15 Chrysene (C27.41)

R.T.: 14.816 min
Delta R.T.: -0.009 min
Response: 1750067
Conc: 13.25 ug/ml



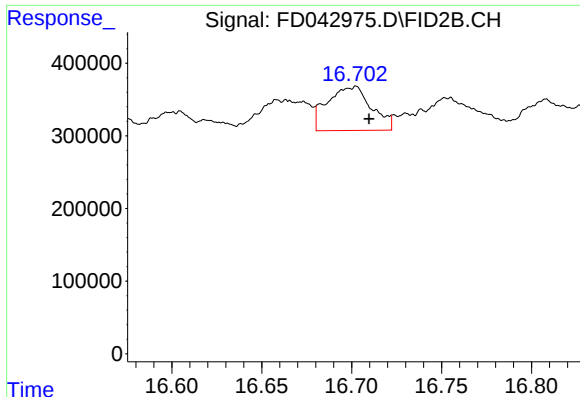
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.295 min
Delta R.T.: -0.037 min
Response: 1474169
Conc: 11.07 ug/ml



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

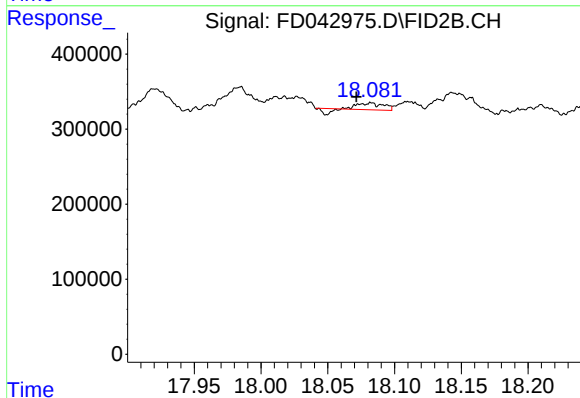
R.T.: 16.377 min
Delta R.T.: 0.014 min
Response: 1905193
Conc: 15.38 ug/ml



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

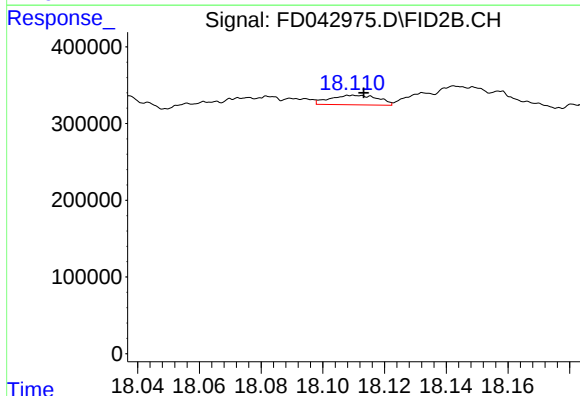
R.T.: 16.700 min
Delta R.T.: -0.010 min
Response: 1030460
Conc: 8.33 ug/ml

Instrument :
FID_D
ClientSampleId :



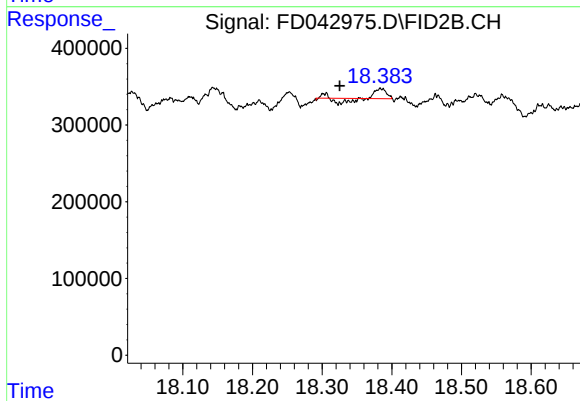
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.081 min
Delta R.T.: 0.010 min
Response: 88586
Conc: 0.79 ug/ml



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

R.T.: 18.111 min
Delta R.T.: -0.003 min
Response: 134763
Conc: 1.21 ug/ml



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

R.T.: 18.384 min
Delta R.T.: 0.059 min
Response: 56160
Conc: 0.47 ug/ml