

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062022AR\
 Data File : FD042977.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jun 2022 19:27
 Operator : UA/NP
 Sample : N3213-05DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:29:29 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...	7.659	2739200	17.925 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
6) S 2-Fluorobiphenyl (SURR)	8.528	915128	8.898 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.80%
11) S ortho-Terphenyl (SURR)	11.580	2693197	15.171 ug/ml
Spiked Amount 50.000		Recovery =	30.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	51831	0.310 ug/ml
2) T Naphthalene (C11.7)	5.992	415364	2.402 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	9048817	56.744 ug/ml
7) T Acenaphthene (C15.5)	8.623	1056100	6.138 ug/ml
8) T Flouorene (C16.55)	9.411	855065	5.093 ug/ml
9) T Phenanthrene (C19.36)	10.815	4566413	27.769 ug/ml
10) T Anthracene (C19.43)	10.890	1465042	9.585 ug/ml
12) T Fluoranthene (C21.85)	12.637	3674899	23.326 ug/ml
13) T Pyrene (C20.8)	12.933	3301424	21.205 ug/ml
14) T Benzo[a]anthracene (C...	14.810	2049545	15.372 ug/ml
15) T Chrysene (C27.41)	14.810	2049545	15.513 ug/ml
16) T benzo[b]fluoranthene ...	16.294	1418282	10.646 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	1631723	13.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.693	904227	7.306 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	211499	1.897 ug/ml
20) T Dibenz[a,h]anthracene...	18.122	165063	1.484 ug/ml

(f)=RT Delta > 1/2 Window

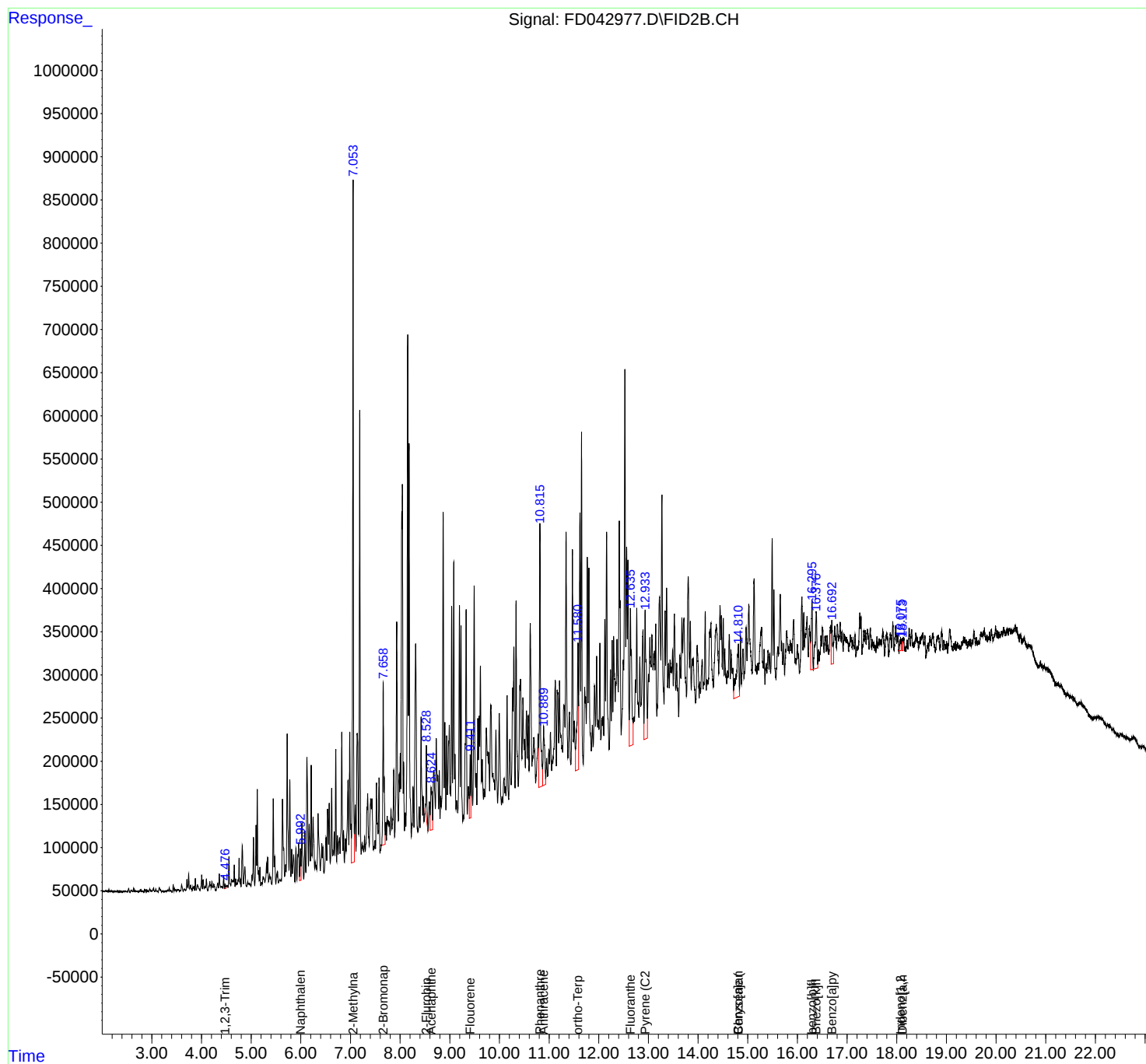
(m)=manual int.

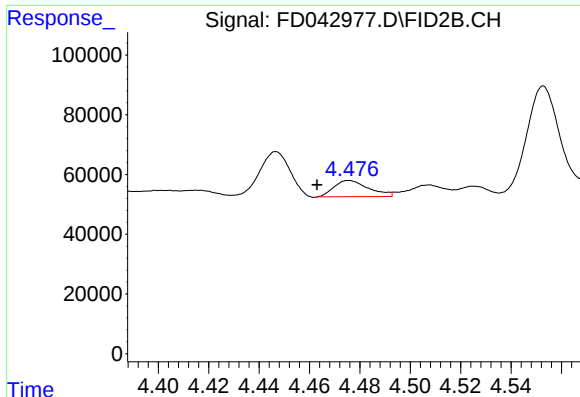
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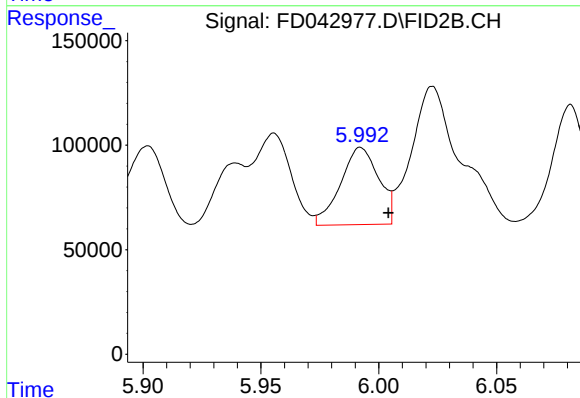




#1 1,2,3-Trimethylbenzene (C10.1)

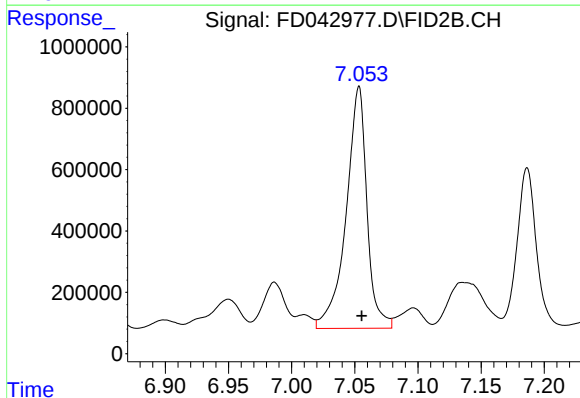
R.T.: 4.476 min
Delta R.T.: 0.013 min
Response: 51831
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



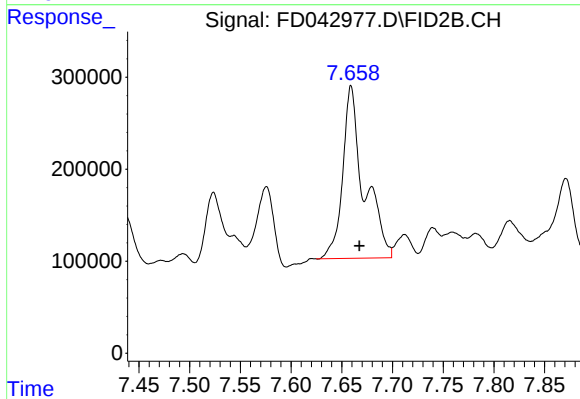
#2 Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.012 min
Response: 415364
Conc: 2.40 ug/ml



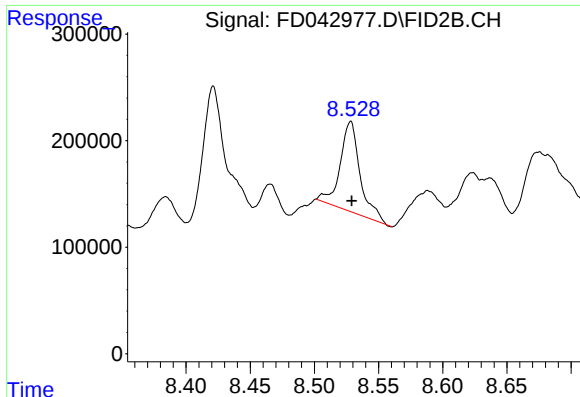
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 9048817
Conc: 56.74 ug/ml



#4 2-Bromonaphthalene (SURR)

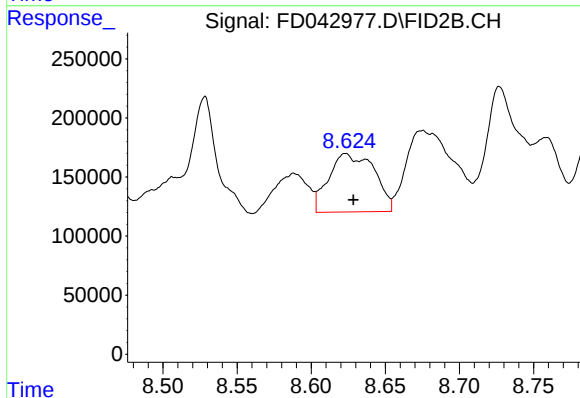
R.T.: 7.659 min
Delta R.T.: -0.008 min
Response: 2739200
Conc: 17.93 ug/ml



#6 2-Fluorobiphenyl (SURR)

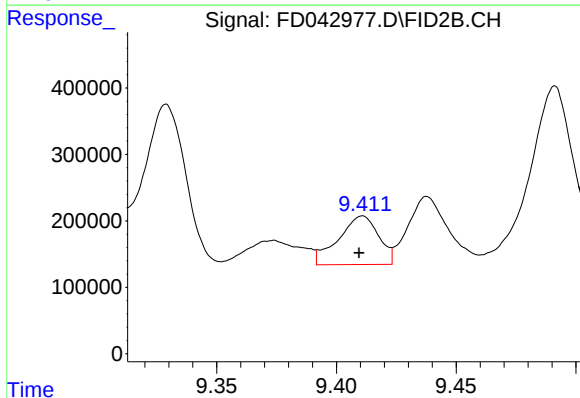
R.T.: 8.528 min
Delta R.T.: -0.001 min
Response: 915128
Conc: 8.90 ug/ml

Instrument :
FID_D
ClientSampleId :



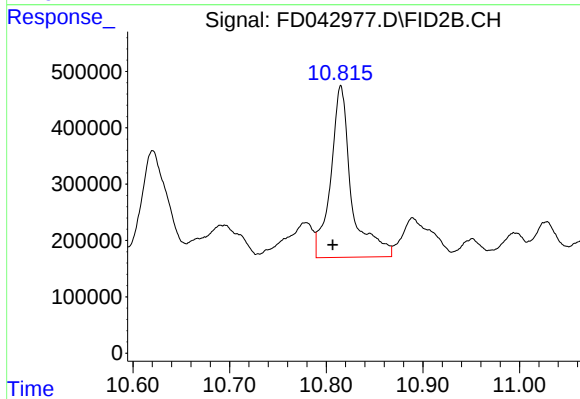
#7 Acenaphthene (C15.5)

R.T.: 8.623 min
Delta R.T.: -0.005 min
Response: 1056100
Conc: 6.14 ug/ml



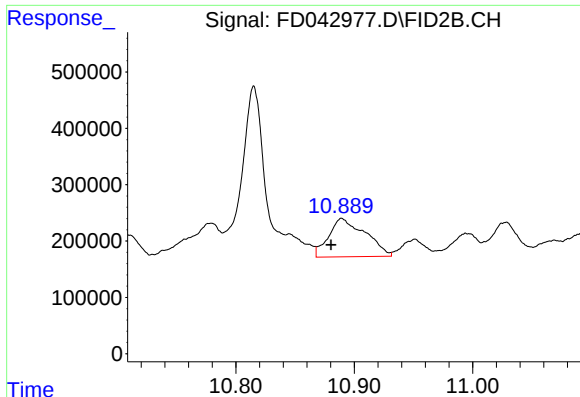
#8 Flouorene (C16.55)

R.T.: 9.411 min
Delta R.T.: 0.001 min
Response: 855065
Conc: 5.09 ug/ml



#9 Phenanthrene (C19.36)

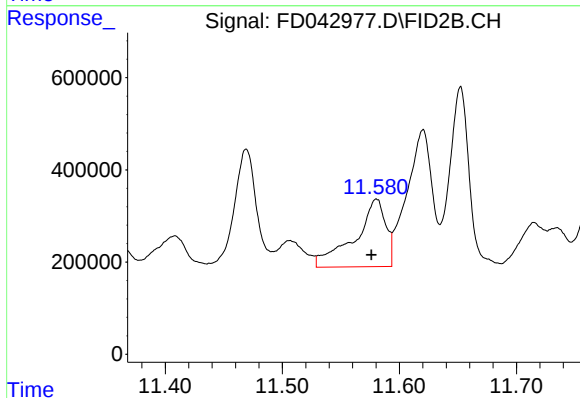
R.T.: 10.815 min
Delta R.T.: 0.009 min
Response: 4566413
Conc: 27.77 ug/ml



#10 Anthracene (C19.43)

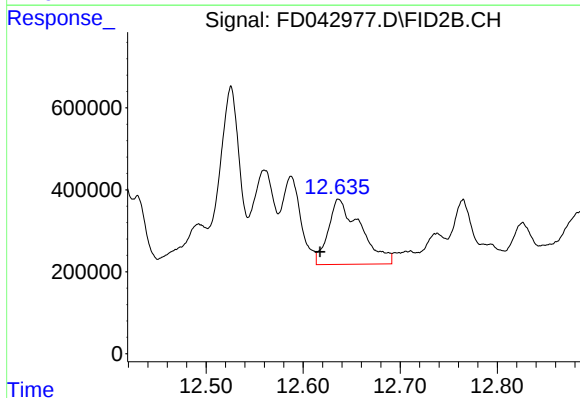
R.T.: 10.890 min
Delta R.T.: 0.009 min
Response: 1465042
Conc: 9.59 ug/ml

Instrument :
FID_D
ClientSampleId :



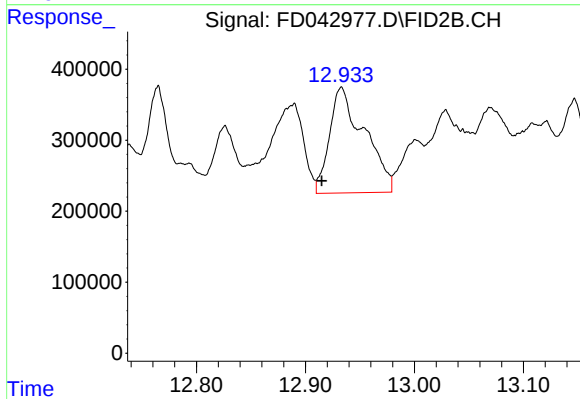
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 2693197
Conc: 15.17 ug/ml



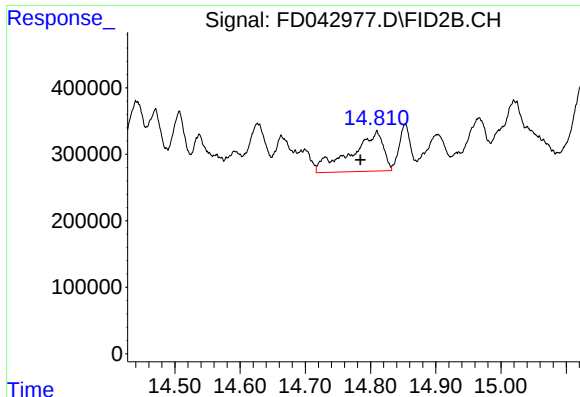
#12 Fluoranthene (C21.85)

R.T.: 12.637 min
Delta R.T.: 0.020 min
Response: 3674899
Conc: 23.33 ug/ml



#13 Pyrene (C20.8)

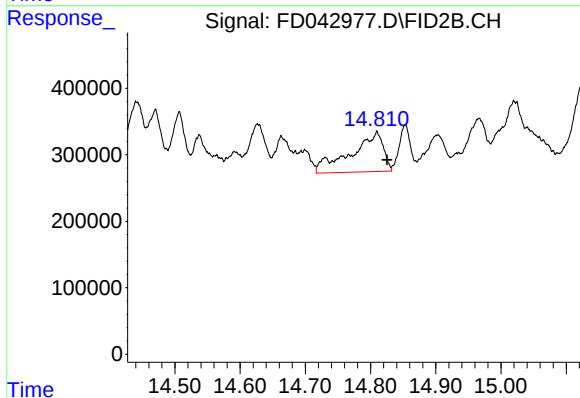
R.T.: 12.933 min
Delta R.T.: 0.018 min
Response: 3301424
Conc: 21.21 ug/ml



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

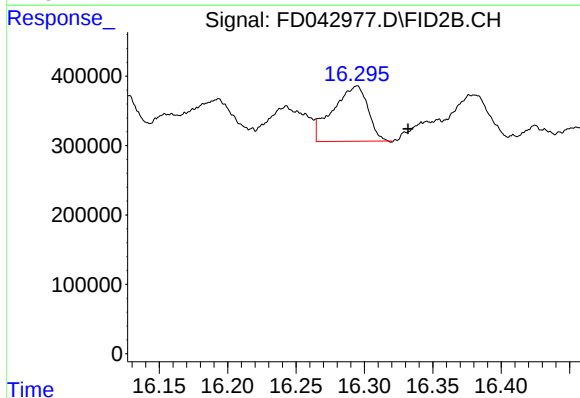
R.T.: 14.810 min
Delta R.T.: 0.026 min
Response: 2049545
Conc: 15.37 ug/ml

Instrument :
FID_D
ClientSampleId :



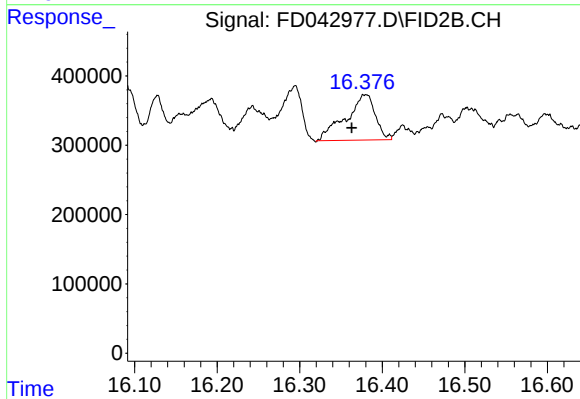
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: -0.015 min
Response: 2049545
Conc: 15.51 ug/ml



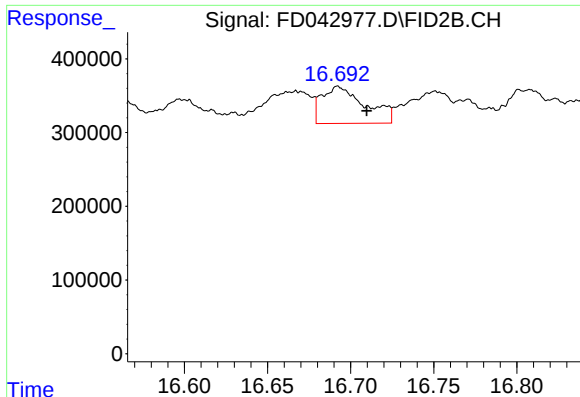
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: -0.038 min
Response: 1418282
Conc: 10.65 ug/ml



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

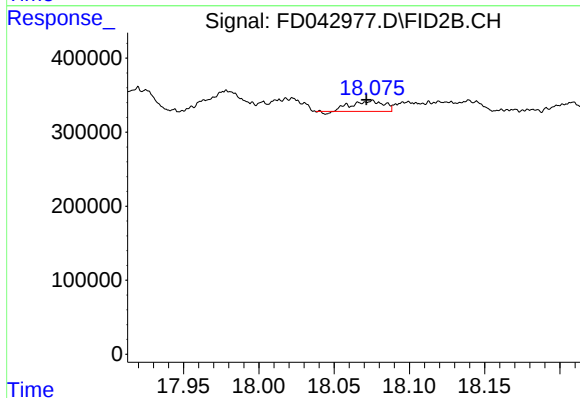
R.T.: 16.380 min
Delta R.T.: 0.017 min
Response: 1631723
Conc: 13.17 ug/ml



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

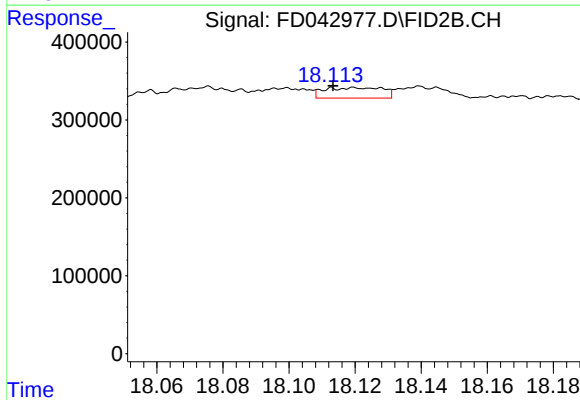
R.T.: 16.693 min
Delta R.T.: -0.017 min
Response: 904227
Conc: 7.31 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.074 min
Delta R.T.: 0.003 min
Response: 211499
Conc: 1.90 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.009 min
Response: 165063
Conc: 1.48 ug/ml