

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042906.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jun 2022 00:03
 Operator : UA/NP
 Sample : N3304-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 01:50:22 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...	7.663	8175501	53.501 ug/ml
Spiked Amount 50.000		Recovery =	107.00%
6) S 2-Fluorobiphenyl (SURR)	8.531	3396025	33.021 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.04%
11) S ortho-Terphenyl (SURR)	11.585	5890887	33.184 ug/ml
Spiked Amount 50.000		Recovery =	66.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	725317	4.332 ug/ml
2) T Naphthalene (C11.7)	5.994	1114561	6.446 ug/ml
3) T 2-Methylnaphthalene (...)	7.050	5434369	34.078 ug/ml
7) T Acenaphthene (C15.5)	8.617	838968	4.876 ug/ml
8) T Flouorene (C16.55)	9.414	1523381	9.074 ug/ml
9) T Phenanthrene (C19.36)	10.814	4207230	25.585 ug/ml
10) T Anthracene (C19.43)	10.893	2624393	17.171 ug/ml
12) T Fluoranthene (C21.85)	12.640	1799036	11.419 ug/ml
13) T Pyrene (C20.8)	12.938	3472413	22.304 ug/ml
14) T Benzo[a]anthracene (C...	14.776	2538187	19.036 ug/ml
15) T Chrysene (C27.41)	14.827	3423903	25.915 ug/ml
16) T benzo[b]fluoranthene ...	16.318	3657214	27.453 ug/ml
17) T Bnezo[k]fluoranthene ...	16.396	7004104	56.550 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.723	5073964	40.995 ug/ml
21) T Benzo[g,h,i]perylene ...	18.305	92101	0.775 ug/ml

(f)=RT Delta > 1/2 Window

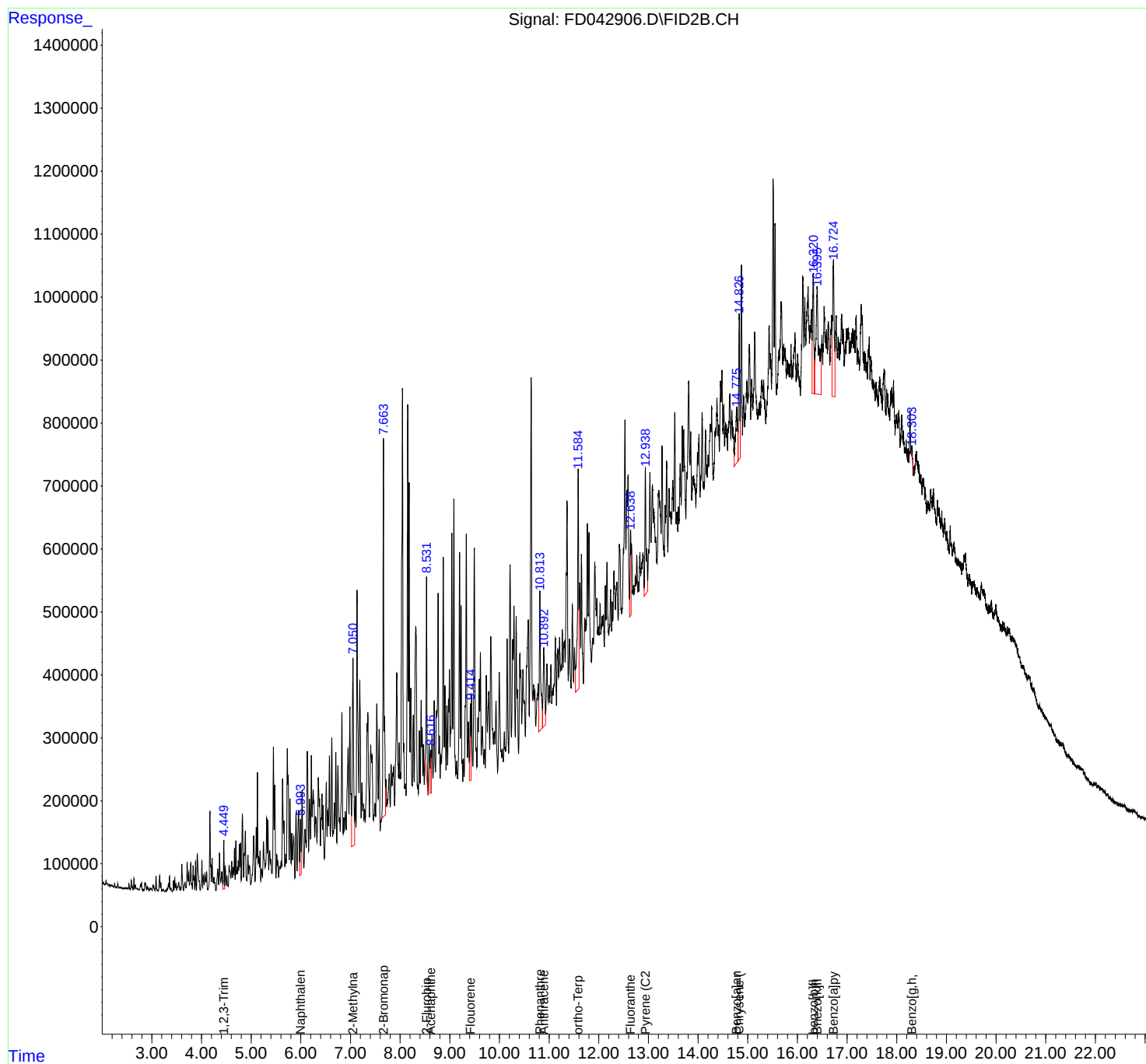
(m)=manual int.

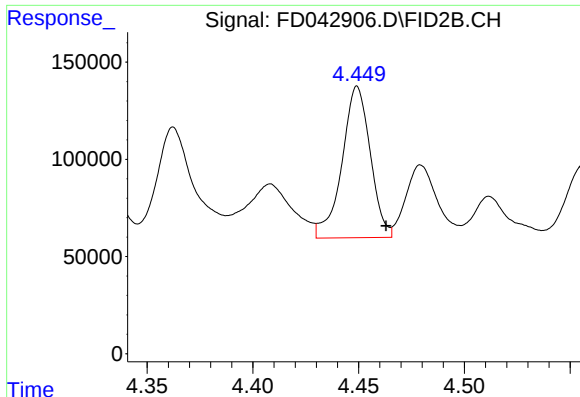
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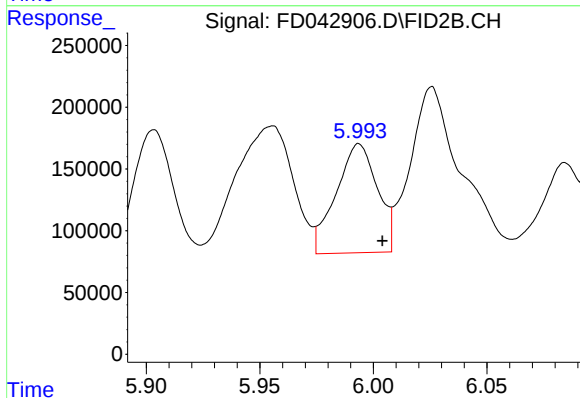




#1 1,2,3-Trimethylbenzene (C10.1)

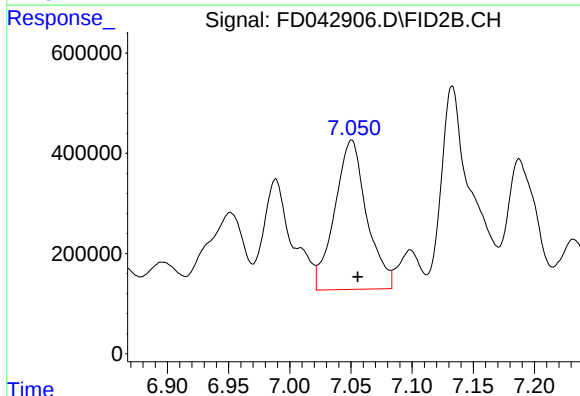
R.T.: 4.449 min
Delta R.T.: -0.014 min
Response: 725317
Conc: 4.33 ug/ml

Instrument :
FID_D
ClientSampleId :



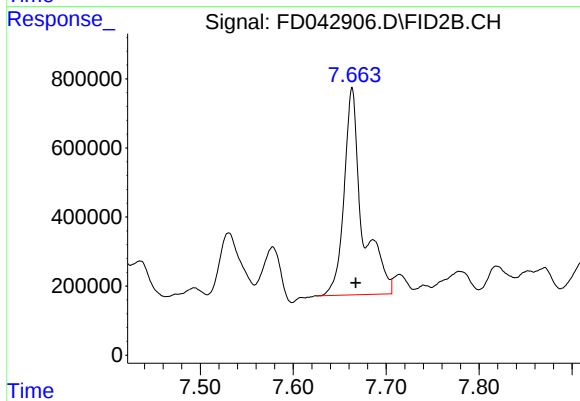
#2 Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.010 min
Response: 1114561
Conc: 6.45 ug/ml



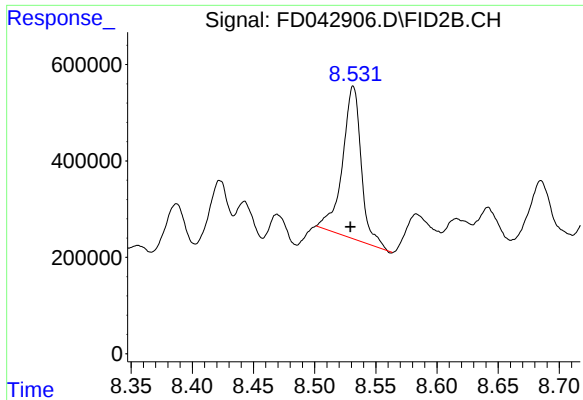
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.050 min
Delta R.T.: -0.005 min
Response: 5434369
Conc: 34.08 ug/ml



#4 2-Bromonaphthalene (SURR)

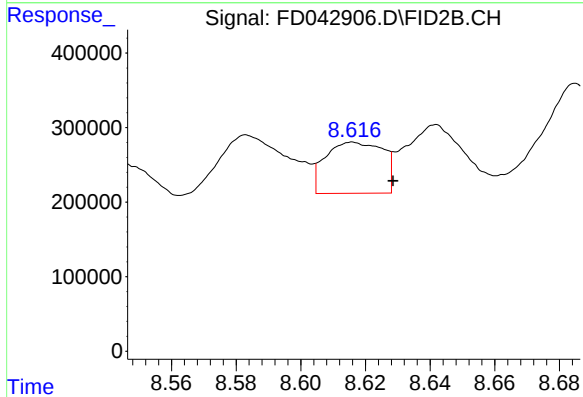
R.T.: 7.663 min
Delta R.T.: -0.004 min
Response: 8175501
Conc: 53.50 ug/ml



#6 2-Fluorobiphenyl (SURR)

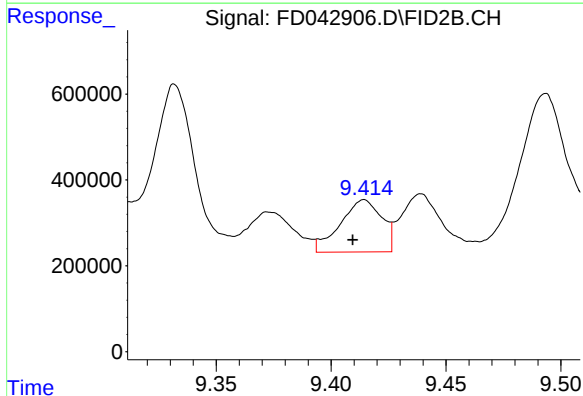
R.T.: 8.531 min
Delta R.T.: 0.002 min
Response: 3396025
Conc: 33.02 ug/ml

Instrument :
FID_D
ClientSampleId :



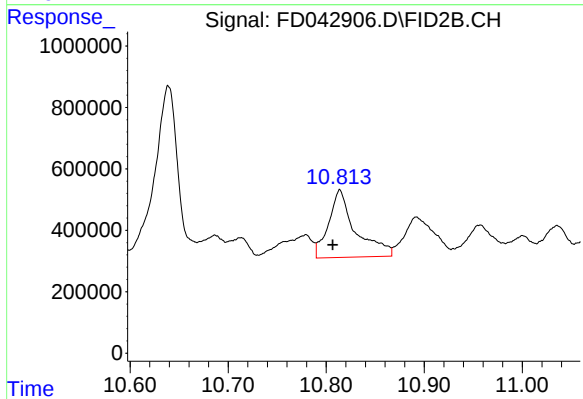
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.012 min
Response: 838968
Conc: 4.88 ug/ml



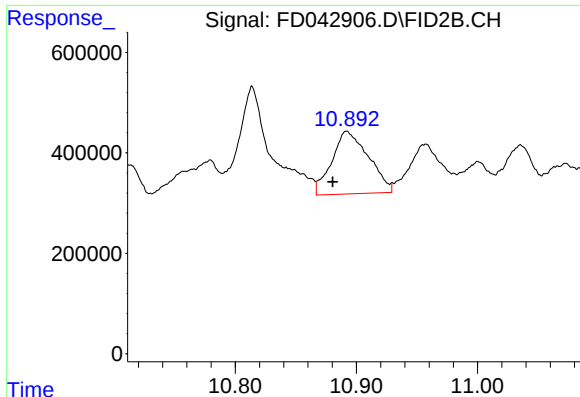
#8 Flouorene (C16.55)

R.T.: 9.414 min
Delta R.T.: 0.005 min
Response: 1523381
Conc: 9.07 ug/ml



#9 Phenanthrene (C19.36)

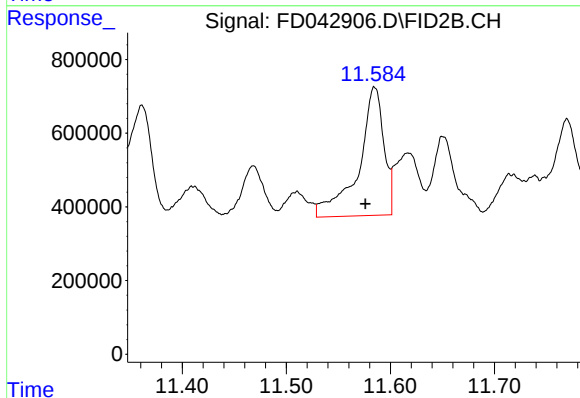
R.T.: 10.814 min
Delta R.T.: 0.007 min
Response: 4207230
Conc: 25.59 ug/ml



#10 Anthracene (C19.43)

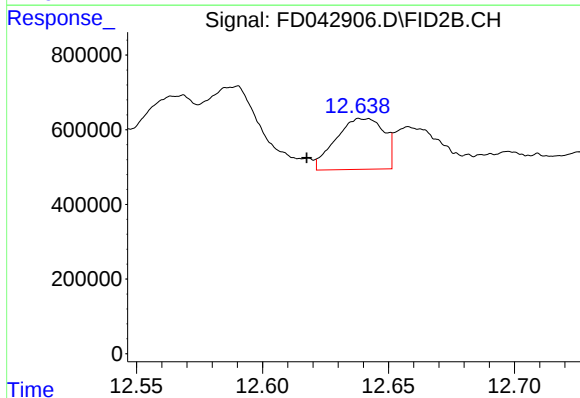
R.T.: 10.893 min
Delta R.T.: 0.012 min
Response: 2624393
Conc: 17.17 ug/ml

Instrument :
FID_D
ClientSampleId :



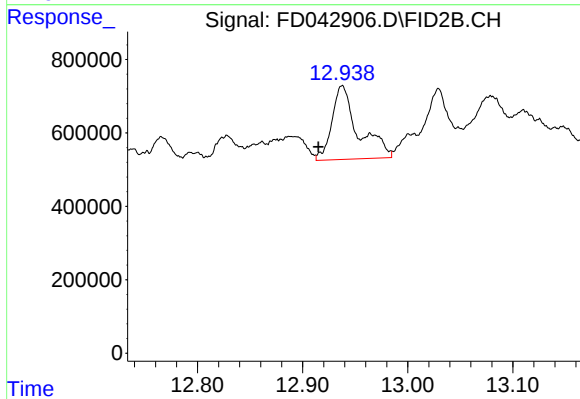
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: 0.009 min
Response: 5890887
Conc: 33.18 ug/ml



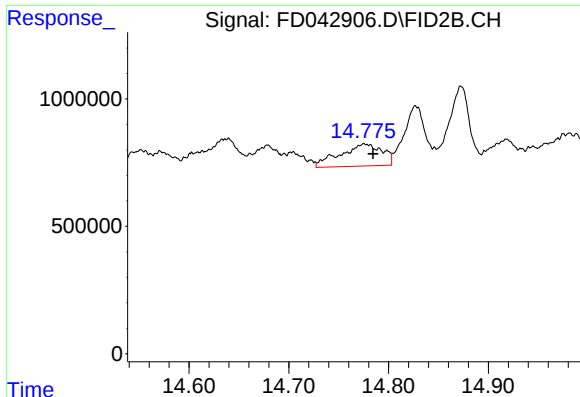
#12 Fluoranthene (C21.85)

R.T.: 12.640 min
Delta R.T.: 0.023 min
Response: 1799036
Conc: 11.42 ug/ml



#13 Pyrene (C20.8)

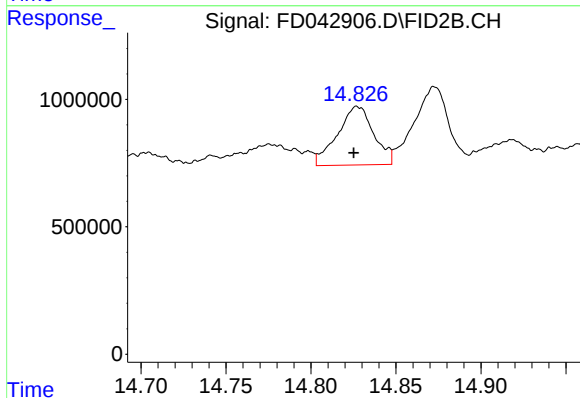
R.T.: 12.938 min
Delta R.T.: 0.023 min
Response: 3472413
Conc: 22.30 ug/ml



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

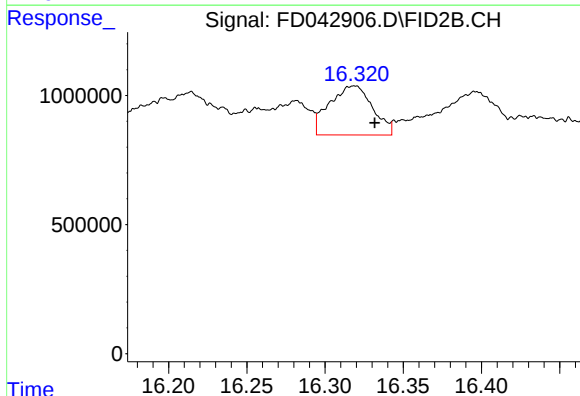
R.T.: 14.776 min
Delta R.T.: -0.008 min
Response: 2538187
Conc: 19.04 ug/ml

Instrument :
FID_D
ClientSampleId :



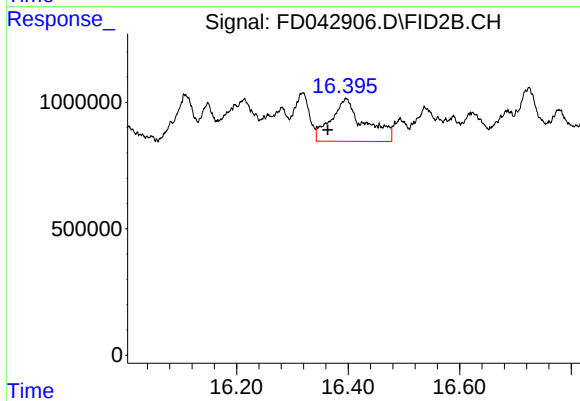
#15 Chrysene (C27.41)

R.T.: 14.827 min
Delta R.T.: 0.002 min
Response: 3423903
Conc: 25.92 ug/ml



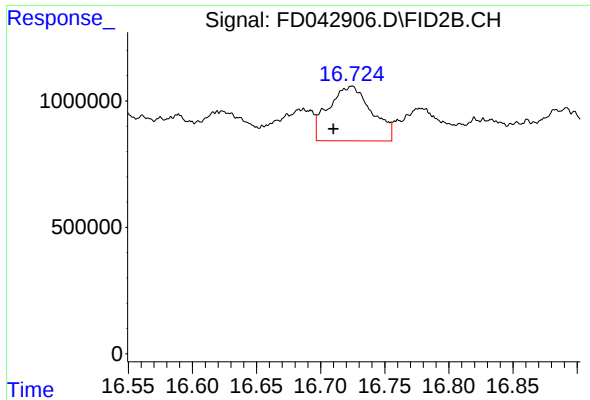
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.318 min
Delta R.T.: -0.014 min
Response: 3657214
Conc: 27.45 ug/ml



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

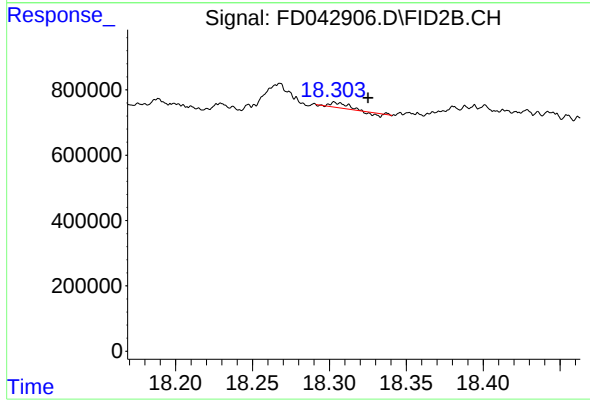
R.T.: 16.396 min
Delta R.T.: 0.033 min
Response: 7004104
Conc: 56.55 ug/ml



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

R.T.: 16.723 min
Delta R.T.: 0.014 min
Response: 5073964
Conc: 40.99 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.305 min
Delta R.T.: -0.020 min
Response: 92101
Conc: 0.77 ug/ml