

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041581.D
 Signal(s) : FID2B.CH
 Acq On : 16 Mar 2022 14:20
 Operator : UA/NP
 Sample : N1905-13DL 20X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 16 14:58:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.359	445328	2.756 ug/ml
Spiked Amount 50.000		Recovery =	5.51%
6) S 2-Fluorobiphenyl (SURR)	8.215	139968	1.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	2.69%
11) S ortho-Terphenyl (SURR)	11.234	449652	2.564 ug/ml
Spiked Amount 50.000		Recovery =	5.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	30763	0.176 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	161148	0.890 ug/ml
5) T Acenaphthylene (C15.06)	8.003	259030	1.449 ug/ml
7) T Acenaphthene (C15.5)	8.372f	86492	0.452 ug/ml
8) T Flouorene (C16.55)	9.103	62441	0.365 ug/ml
9) T Phenanthrene (C19.36)	10.481	137981	0.840 ug/ml
10) T Anthracene (C19.43)	10.563	99445	0.622 ug/ml
12) T Fluoranthene (C21.85)	12.274	199543	1.188 ug/ml
13) T Pyrene (C20.8)	12.565	216171	1.289 ug/ml
14) T Benzo[a]anthracene (C...	14.441	58909	0.406 ug/ml
15) T Chrysene (C27.41)	14.476	138182	0.839 ug/ml
16) T benzo[b]fluoranthene ...	15.988	134386	0.985 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	134386	0.911 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.300	103854	0.790 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	39428	0.305 ug/ml

(f)=RT Delta > 1/2 Window

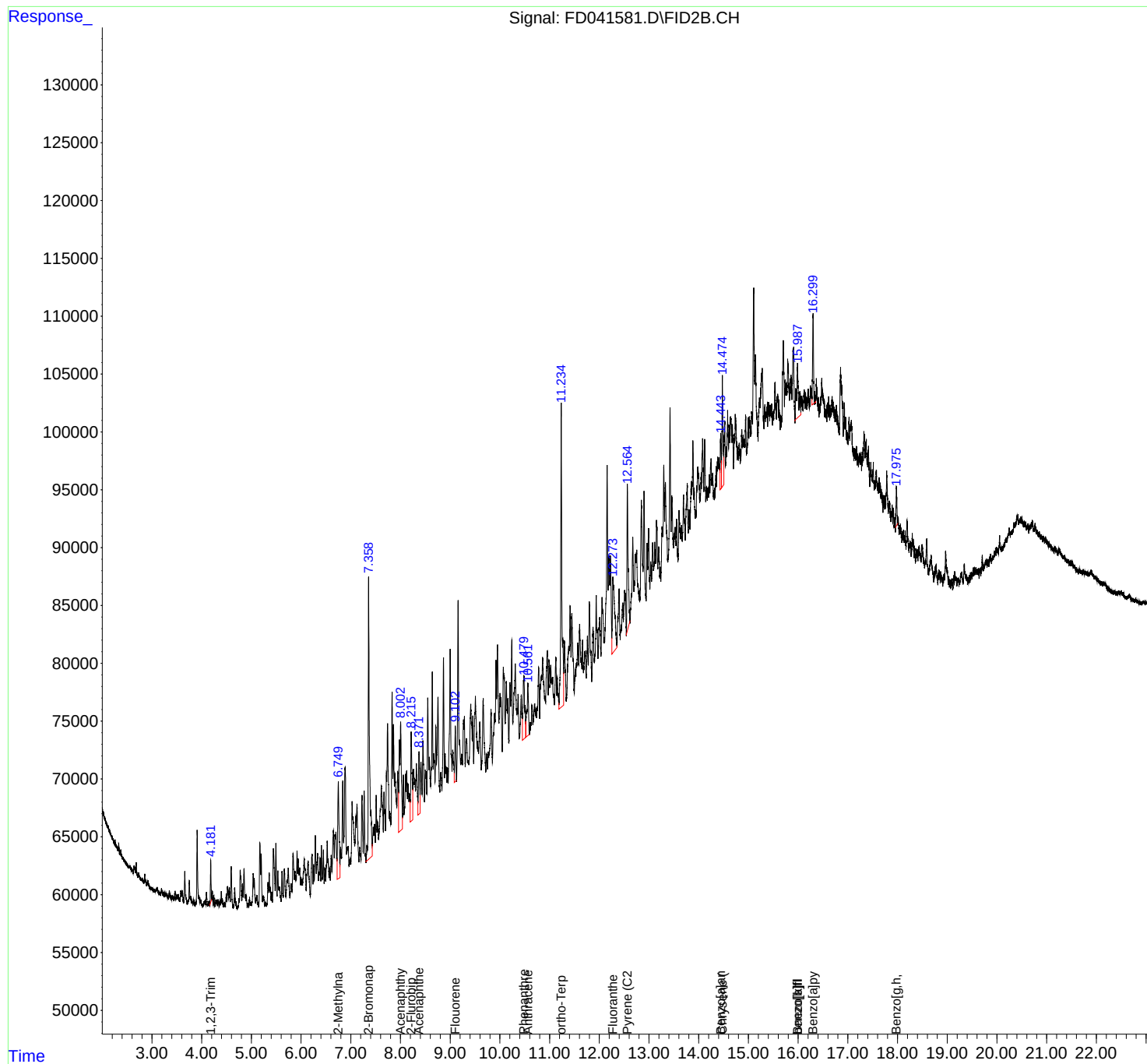
(m)=manual int.

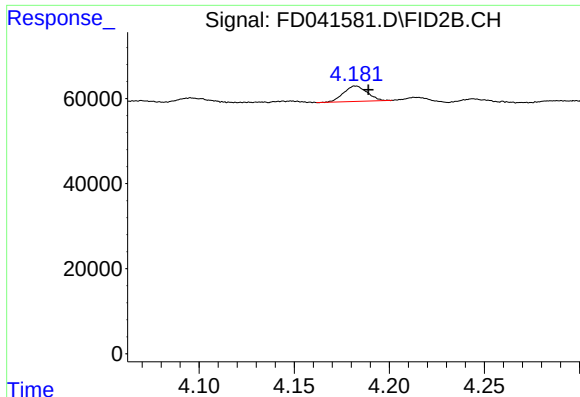
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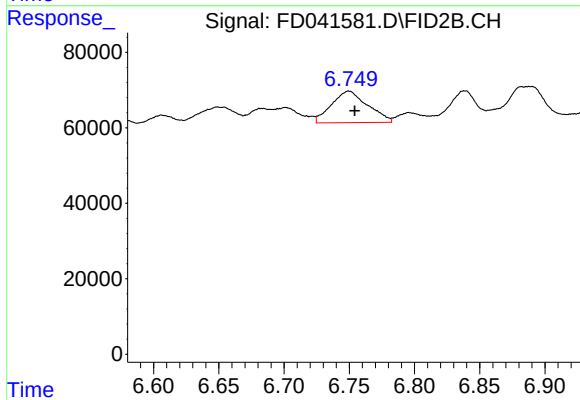




#1 1,2,3-Trimethylbenzene (C10.1)

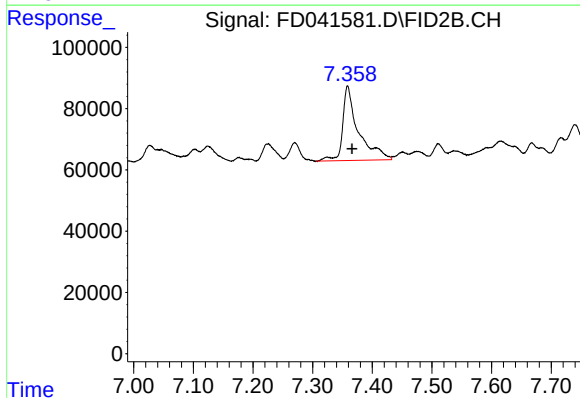
R.T.: 4.183 min
Delta R.T.: -0.006 min
Response: 30763
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



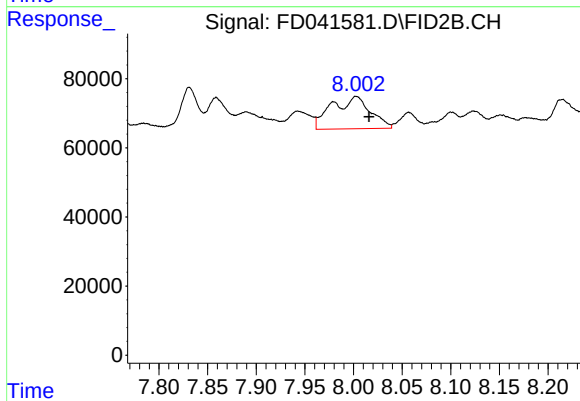
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 161148
Conc: 0.89 ug/ml



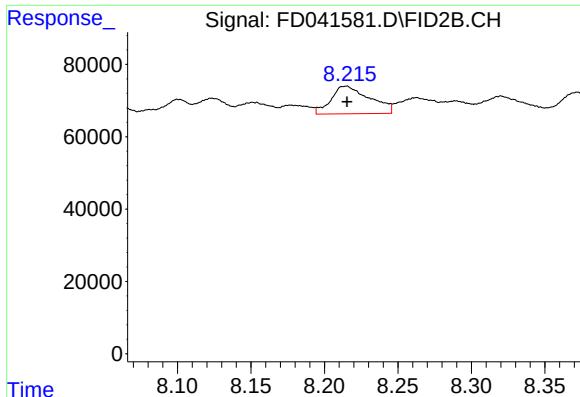
#4 2-Bromonaphthalene (SURR)

R.T.: 7.359 min
Delta R.T.: -0.007 min
Response: 445328
Conc: 2.76 ug/ml



#5 Acenaphthylene (C15.06)

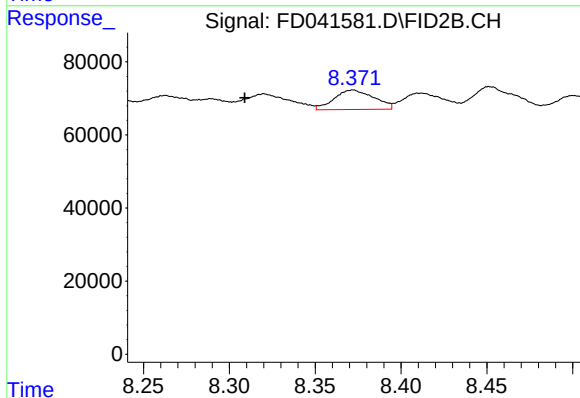
R.T.: 8.003 min
Delta R.T.: -0.013 min
Response: 259030
Conc: 1.45 ug/ml



#6 2-Fluorobiphenyl (SURR)

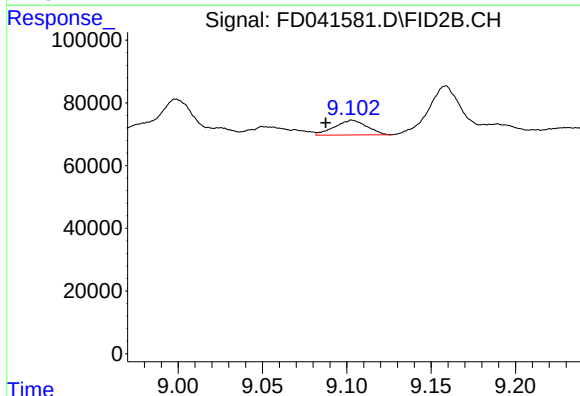
R.T.: 8.215 min
Delta R.T.: 0.000 min
Response: 139968
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



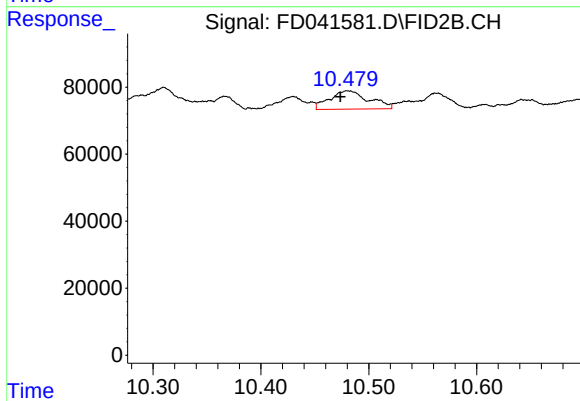
#7 Acenaphthene (C15.5)

R.T.: 8.372 min
Delta R.T.: 0.063 min
Response: 86492
Conc: 0.45 ug/ml



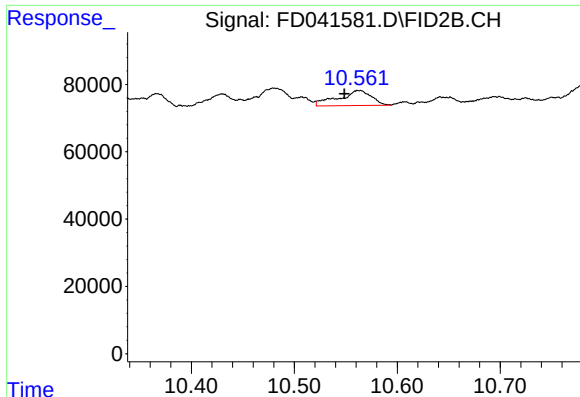
#8 Flouorene (C16.55)

R.T.: 9.103 min
Delta R.T.: 0.016 min
Response: 62441
Conc: 0.36 ug/ml



#9 Phenanthrene (C19.36)

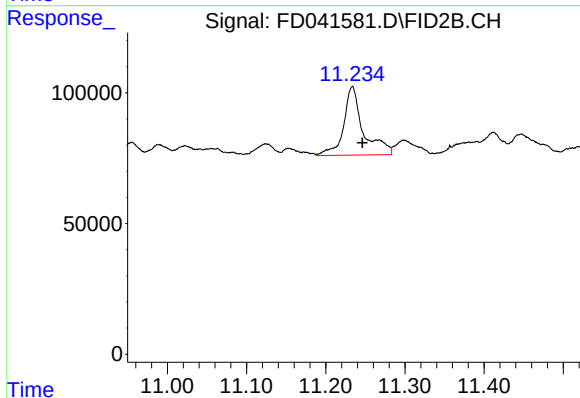
R.T.: 10.481 min
Delta R.T.: 0.007 min
Response: 137981
Conc: 0.84 ug/ml



#10 Anthracene (C19.43)

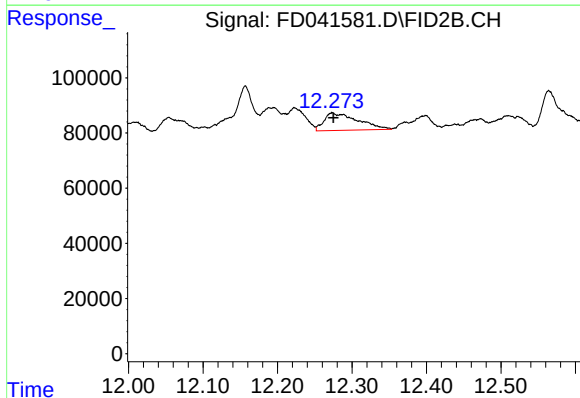
R.T.: 10.563 min
Delta R.T.: 0.014 min
Response: 99445
Conc: 0.62 ug/ml

Instrument :
FID_D
ClientSampleId :



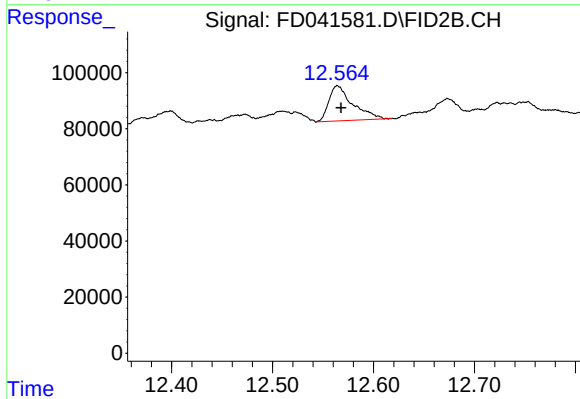
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.013 min
Response: 449652
Conc: 2.56 ug/ml



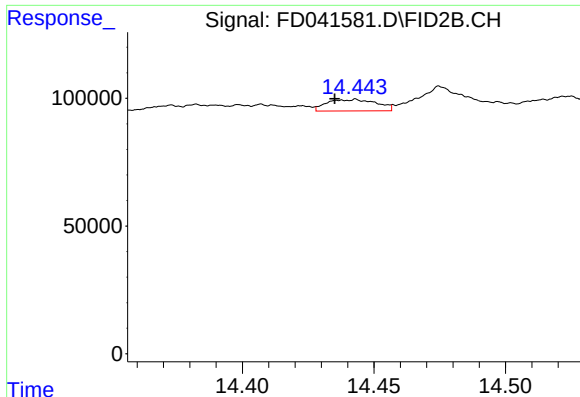
#12 Fluoranthene (C21.85)

R.T.: 12.274 min
Delta R.T.: -0.001 min
Response: 199543
Conc: 1.19 ug/ml



#13 Pyrene (C20.8)

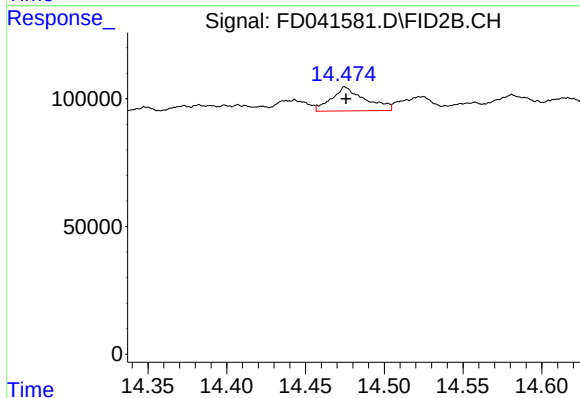
R.T.: 12.565 min
Delta R.T.: -0.003 min
Response: 216171
Conc: 1.29 ug/ml



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

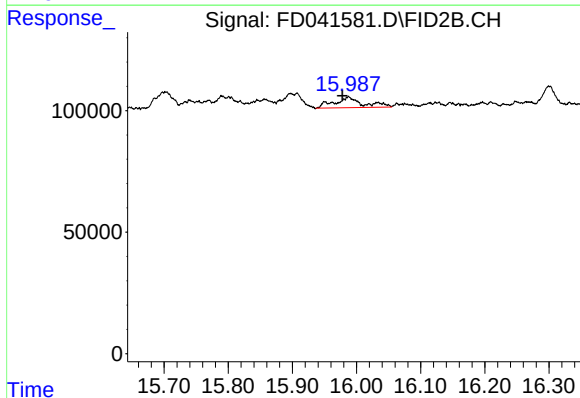
R.T.: 14.441 min
Delta R.T.: 0.006 min
Response: 58909
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



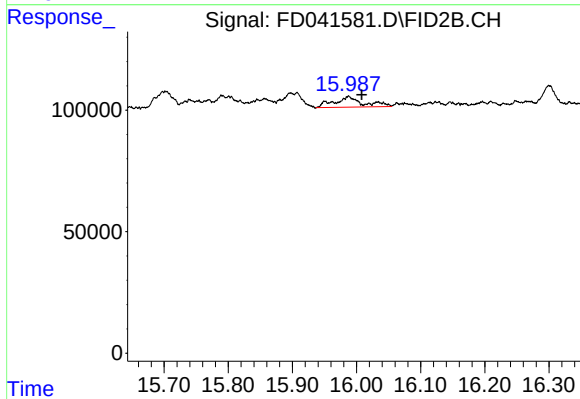
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.000 min
Response: 138182
Conc: 0.84 ug/ml



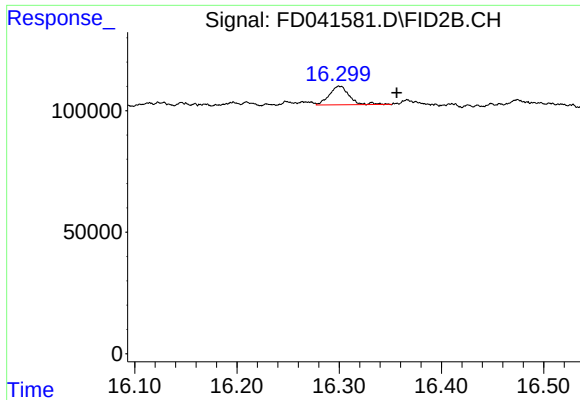
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min
Delta R.T.: 0.009 min
Response: 134386
Conc: 0.98 ug/ml



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

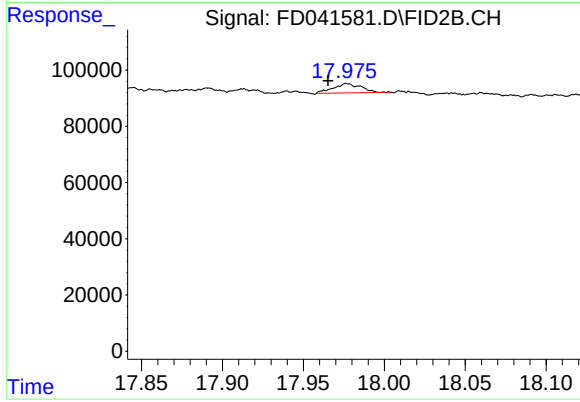
R.T.: 15.988 min
Delta R.T.: -0.021 min
Response: 134386
Conc: 0.91 ug/ml



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

R.T.: 16.300 min
Delta R.T.: -0.056 min
Response: 103854
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.977 min
Delta R.T.: 0.012 min
Response: 39428
Conc: 0.30 ug/ml