

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044825.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 09:53
 Operator : YP/AJ
 Sample : 01161-01DL 20X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 17 11:16:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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	330147	2.289 ug/ml
Spiked Amount 50.000		Recovery =	4.58%
6) S 2-Fluorobiphenyl (SURR)	8.515	211829	2.182 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	4.36%
11) S ortho-Terphenyl (SURR)	11.540	423443	2.350 ug/ml
Spiked Amount 50.000		Recovery =	4.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	671151	4.171 ug/ml
2) T Naphthalene (C11.7)	6.010	11194446	66.696 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	2186408	13.004 ug/ml
5) T Acenaphthylene (C15.06)	8.342	42342	0.279 ug/ml
7) T Acenaphthene (C15.5)	8.595	63385	0.391 ug/ml
8) T Fluorene (C16.55)	9.384	120437	0.756 ug/ml
9) T Phenanthrene (C19.36)	10.777	225518	1.437 ug/ml
10) T Anthracene (C19.43)	10.867	675631	5.373 ug/ml
12) T Fluoranthene (C21.85)	12.576	339945	2.165 ug/ml
13) T Pyrene (C20.8)	12.871	99935	0.653 ug/ml
14) T Benzo[a]anthracene (C...	14.733	115529	0.813 ug/ml
15) T Chrysene (C27.41)	14.771	153839	1.015 ug/ml
16) T benzo[b]fluoranthene ...	16.270	49814	0.331 ug/ml
17) T Bnezo[k]fluoranthene ...	16.301	35762	0.236 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	98712	0.680 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.998	126457	0.894 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	223379	1.524 ug/ml
21) T Benzo[g,h,i]perylene ...	18.249	178581	1.257 ug/ml

(f)=RT Delta > 1/2 Window

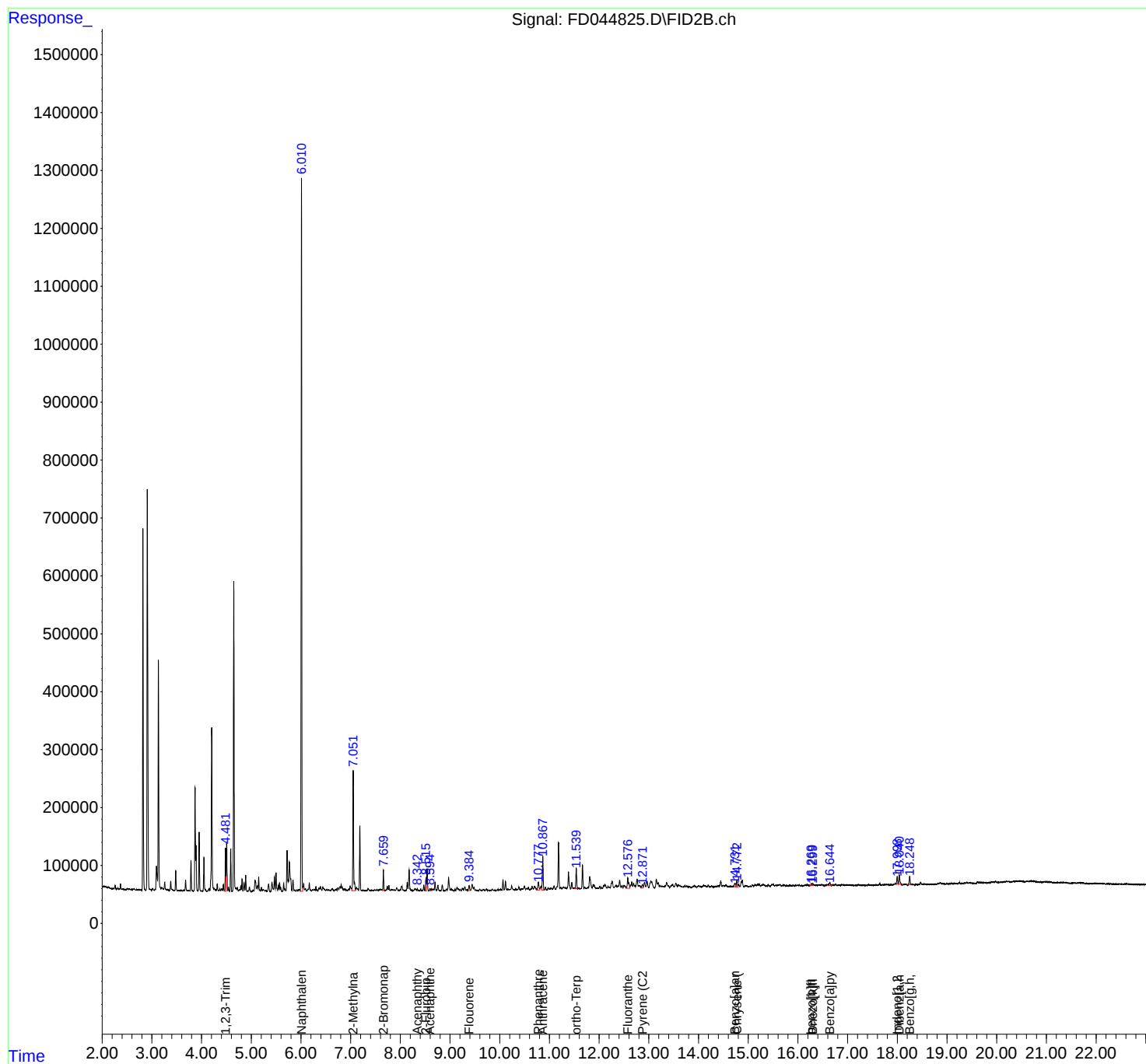
(m)=manual int.

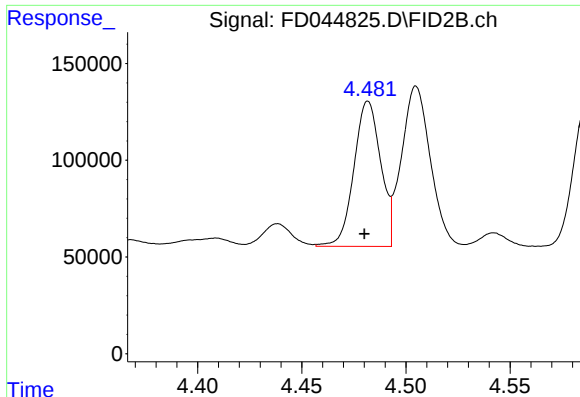
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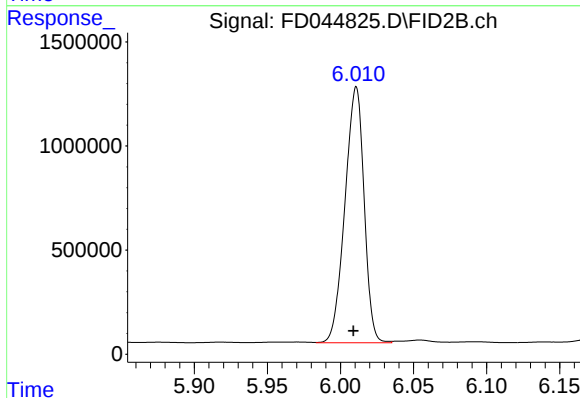




#1 1,2,3-Trimethylbenzene (C10.1)

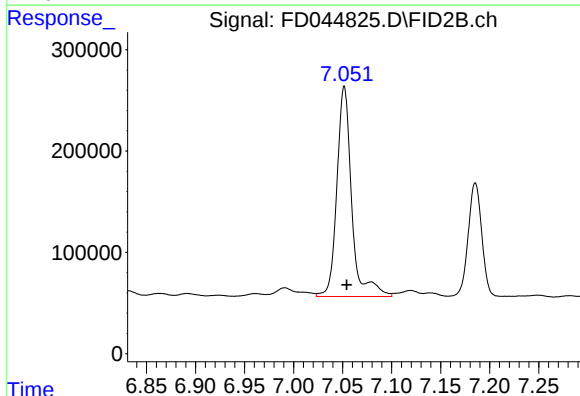
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 671151
Conc: 4.17 ug/ml

Instrument :
FID_D
ClientSampleId :



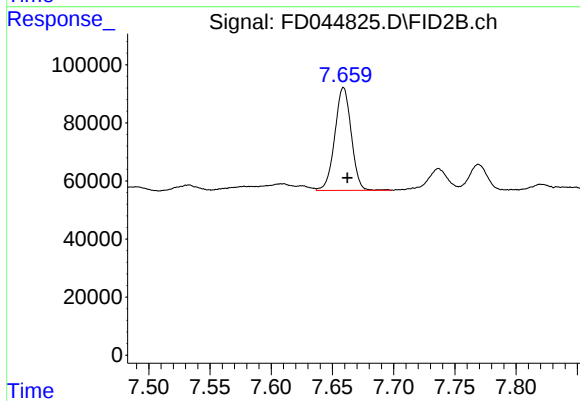
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 11194446
Conc: 66.70 ug/ml



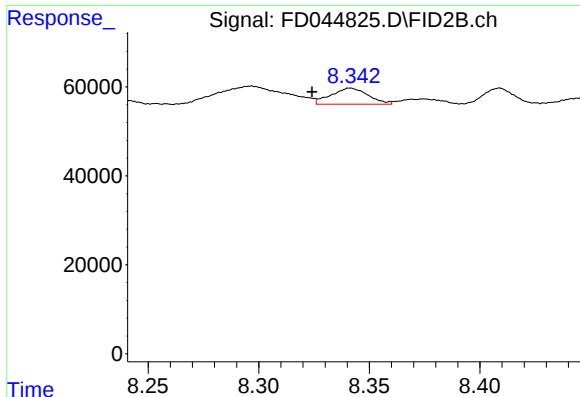
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 2186408
Conc: 13.00 ug/ml



#4 2-Bromonaphthalene (SURR)

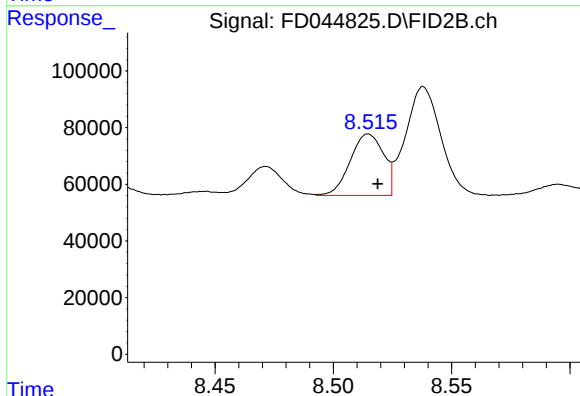
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 330147
Conc: 2.29 ug/ml



#5 Acenaphthylene (C15.06)

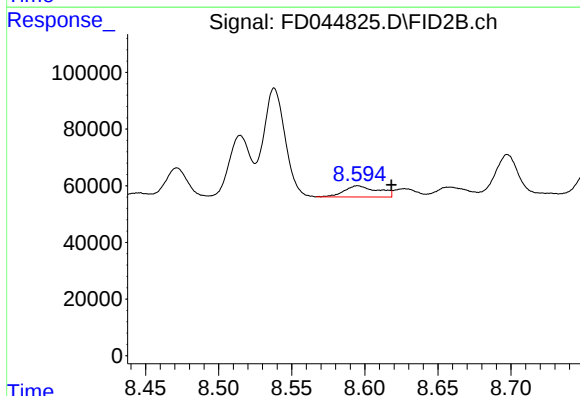
R.T.: 8.342 min
Delta R.T.: 0.018 min
Response: 42342
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



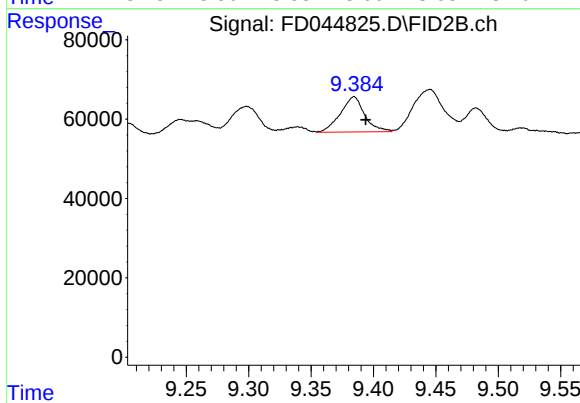
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 211829
Conc: 2.18 ug/ml



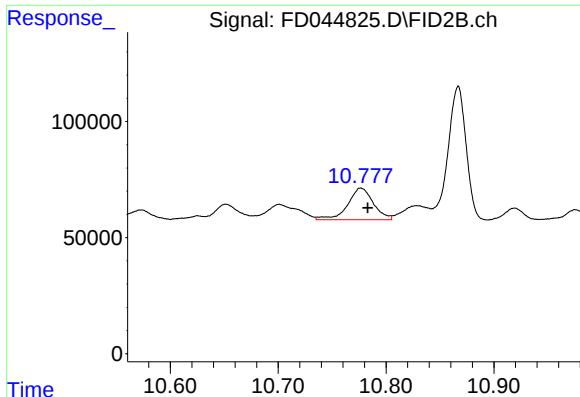
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: -0.023 min
Response: 63385
Conc: 0.39 ug/ml



#8 Flouorene (C16.55)

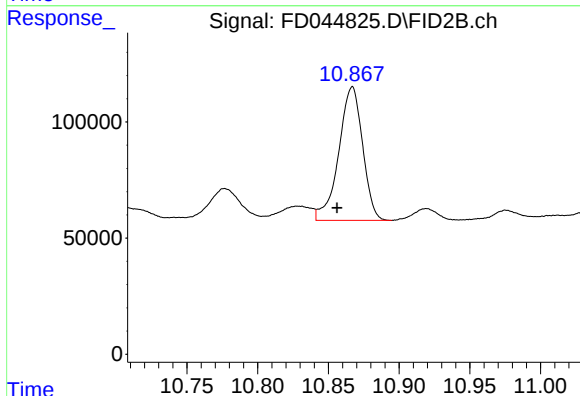
R.T.: 9.384 min
Delta R.T.: -0.010 min
Response: 120437
Conc: 0.76 ug/ml



#9 Phenanthrene (C19.36)

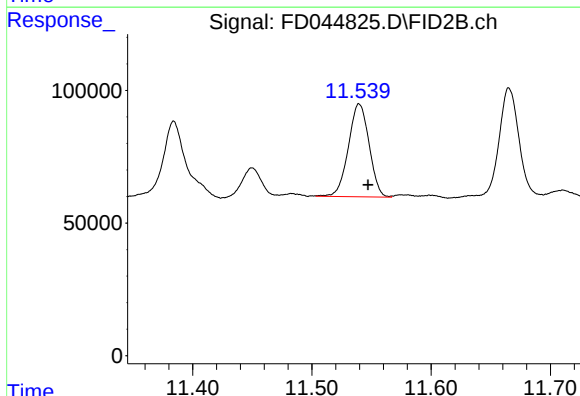
R.T.: 10.777 min
Delta R.T.: -0.006 min
Response: 225518
Conc: 1.44 ug/ml

Instrument :
FID_D
ClientSampleId :



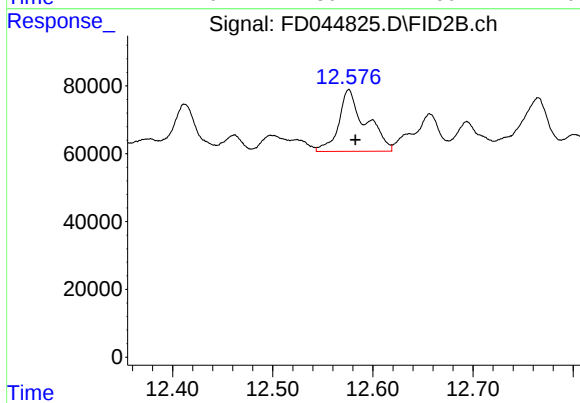
#10 Anthracene (C19.43)

R.T.: 10.867 min
Delta R.T.: 0.010 min
Response: 675631
Conc: 5.37 ug/ml



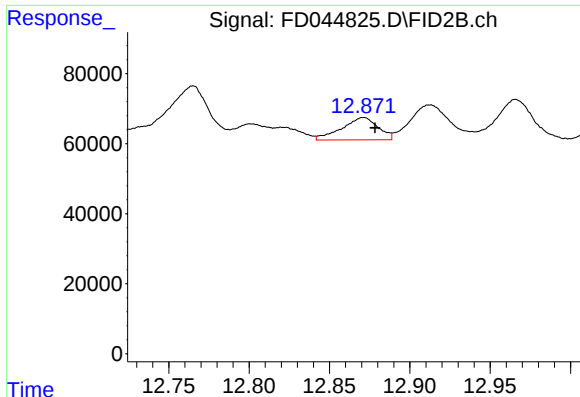
#11 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.007 min
Response: 423443
Conc: 2.35 ug/ml



#12 Fluoranthene (C21.85)

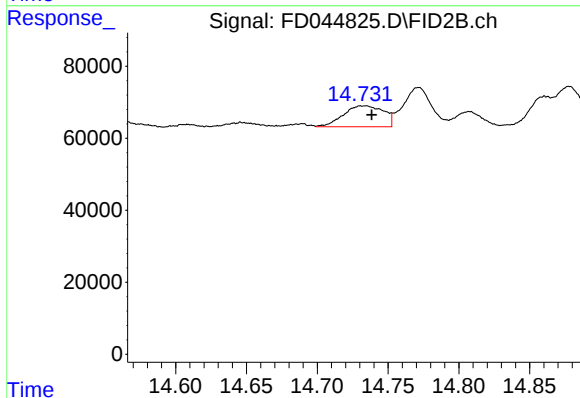
R.T.: 12.576 min
Delta R.T.: -0.007 min
Response: 339945
Conc: 2.16 ug/ml



#13 Pyrene (C20.8)

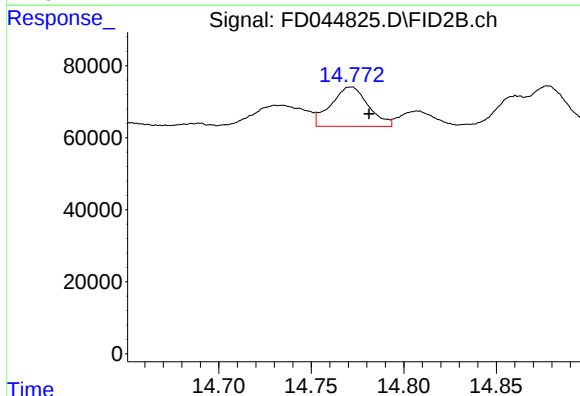
R.T.: 12.871 min
Delta R.T.: -0.007 min
Response: 99935
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



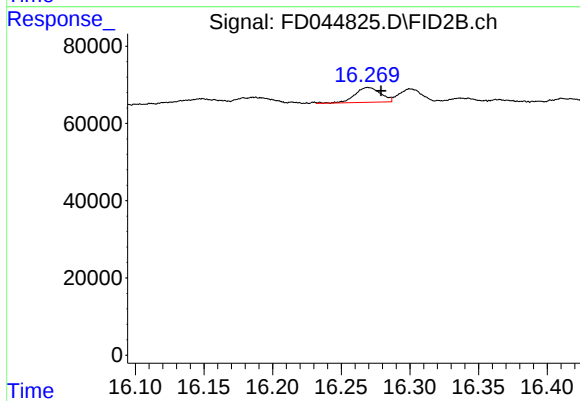
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: -0.006 min
Response: 115529
Conc: 0.81 ug/ml



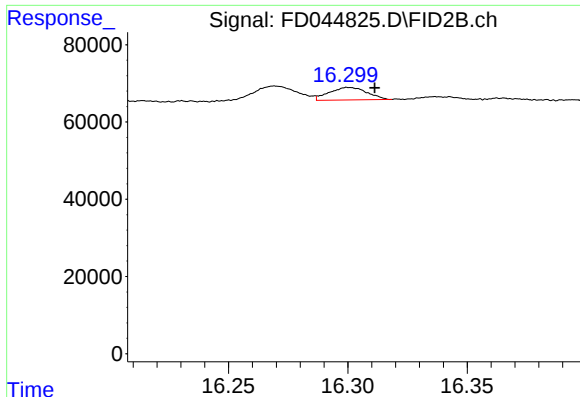
#15 Chrysene (C27.41)

R.T.: 14.771 min
Delta R.T.: -0.010 min
Response: 153839
Conc: 1.01 ug/ml



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

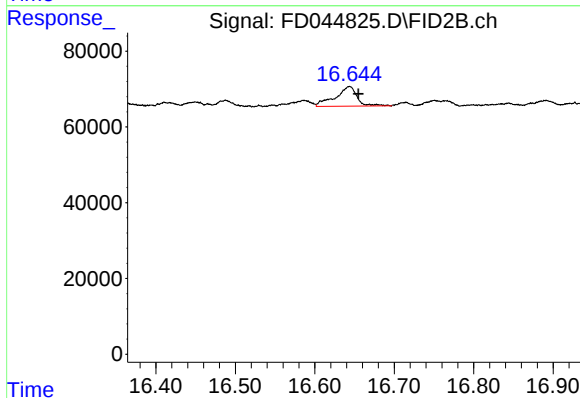
R.T.: 16.270 min
Delta R.T.: -0.009 min
Response: 49814
Conc: 0.33 ug/ml



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

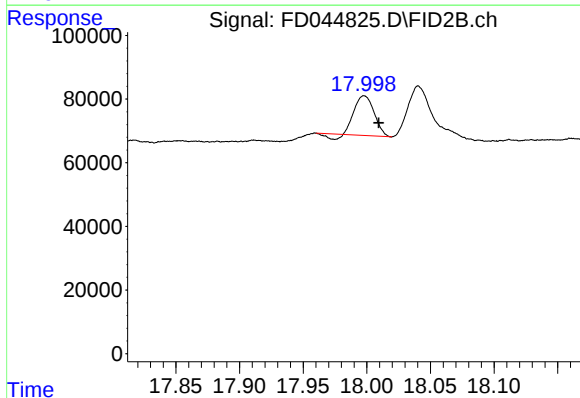
R.T.: 16.301 min
Delta R.T.: -0.010 min
Response: 35762
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



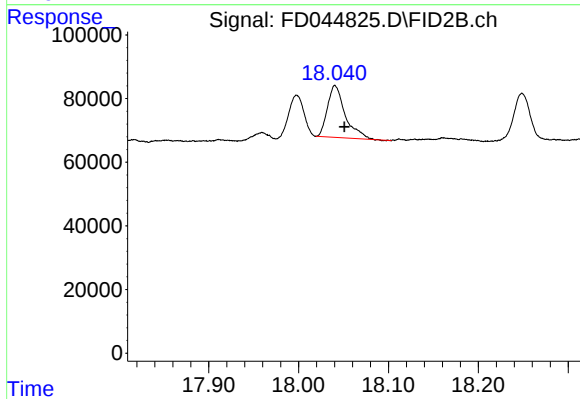
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.012 min
Response: 98712
Conc: 0.68 ug/ml



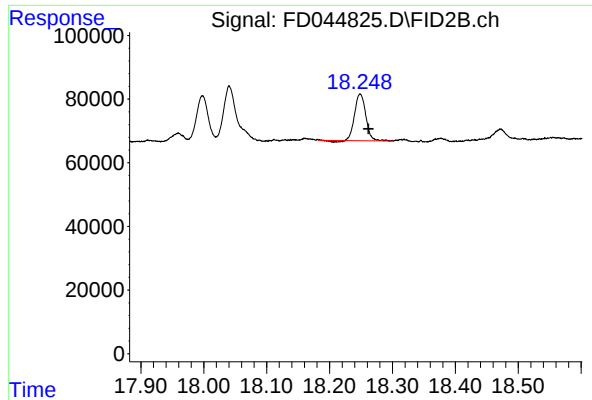
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.998 min
Delta R.T.: -0.012 min
Response: 126457
Conc: 0.89 ug/ml



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

R.T.: 18.041 min
Delta R.T.: -0.010 min
Response: 223379
Conc: 1.52 ug/ml



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

R.T.: 18.249 min
Delta R.T.: -0.013 min
Response: 178581
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :