

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043771.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 22:24
 Operator : YP/AJ
 Sample : N4421-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 03:55:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.445	6806857	39.396 ug/ml
Spiked Amount 50.000		Recovery =	78.79%
6) S 2-Fluorobiphenyl (SURR)	8.300	4320690	42.952 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.90%
11) S ortho-Terphenyl (SURR)	11.339	4340897	20.749 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.258	142497	0.716 ug/ml
2) T Naphthalene (C11.7)	5.816	486220	2.419 ug/ml
3) T 2-Methylnaphthalene (...)	6.835	1201391	6.656 ug/ml
5) T Acenaphthylene (C15.06)	8.141	441214	2.207 ug/ml
7) T Acenaphthene (C15.5)	8.404	899850	4.186 ug/ml
8) T Flouorene (C16.55)	9.179	1263790	6.592 ug/ml
9) T Phenanthrene (C19.36)	10.574	1861834	10.354 ug/ml
10) T Anthracene (C19.43)	10.652	1326650	6.821 ug/ml
12) T Fluoranthene (C21.85)	12.329f	1251747	6.864 ug/ml
13) T Pyrene (C20.8)	12.678	2830958	15.166 ug/ml
14) T Benzo[a]anthracene (C...	14.557	552321	3.860 ug/ml
15) T Chrysene (C27.41)	14.597	2062922	10.688 ug/ml
16) T benzo[b]fluoranthene ...	16.109	1660744	11.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	1660744	9.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	1066046	7.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	3751	0.036 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	377495	2.683 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	1207302	9.484 ug/ml

(f)=RT Delta > 1/2 Window

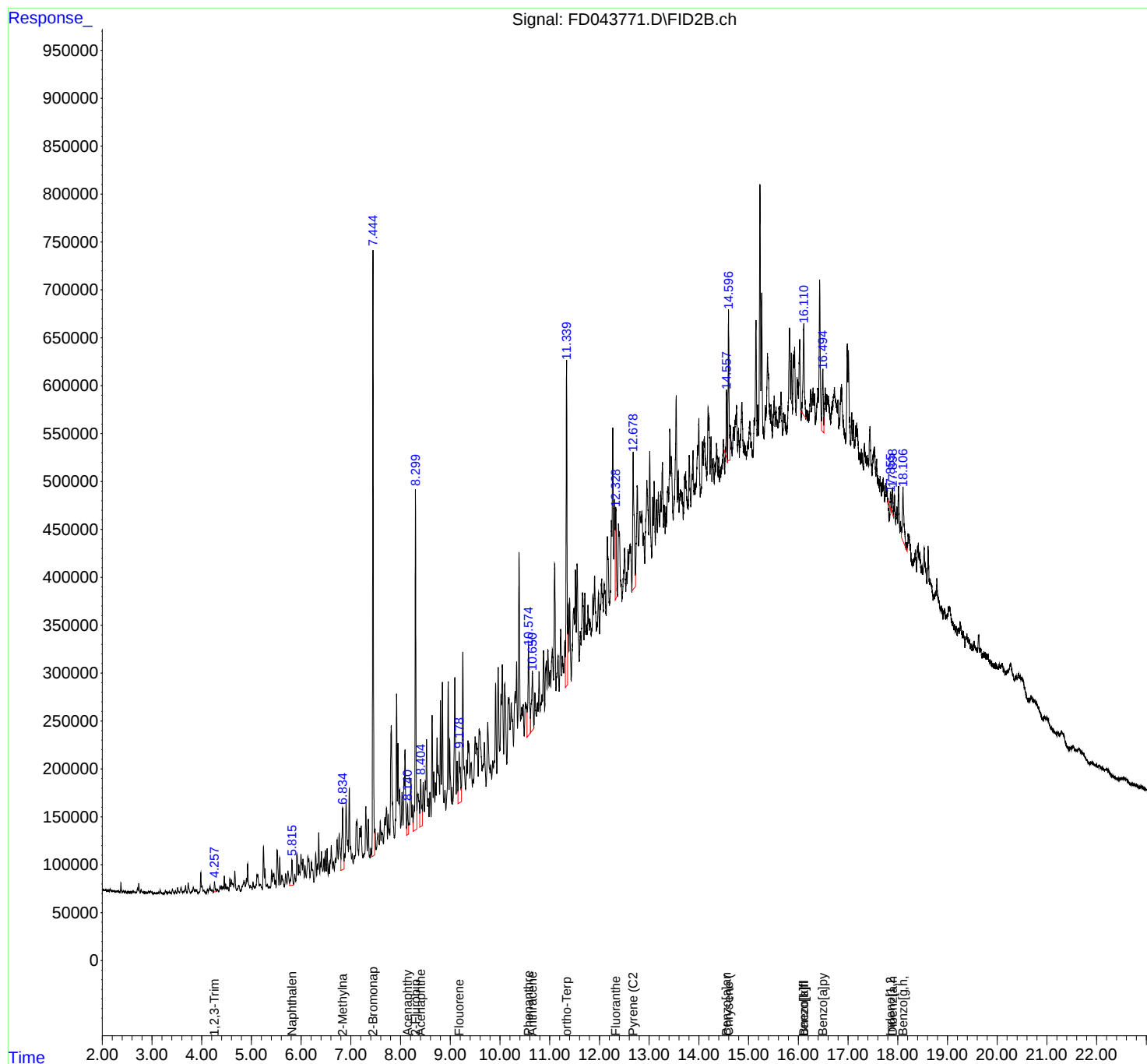
(m)=manual int.

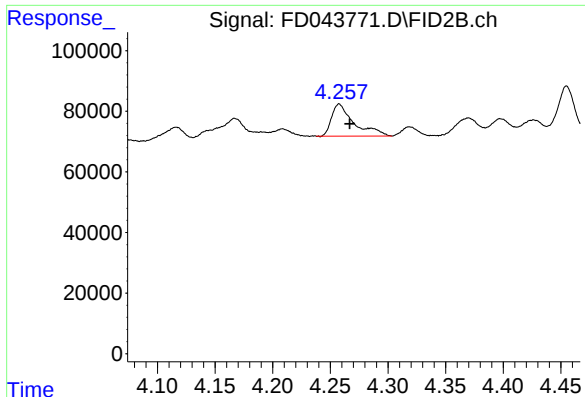
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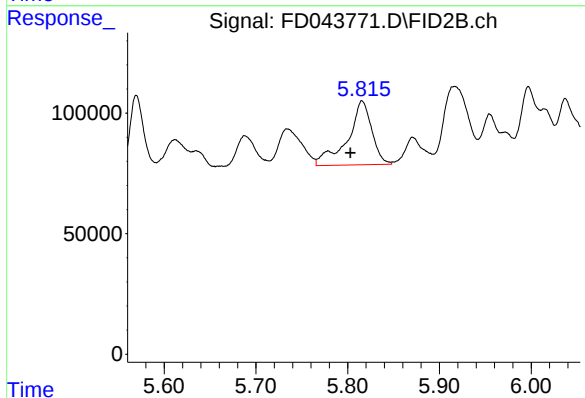




#1 1,2,3-Trimethylbenzene (C10.1)

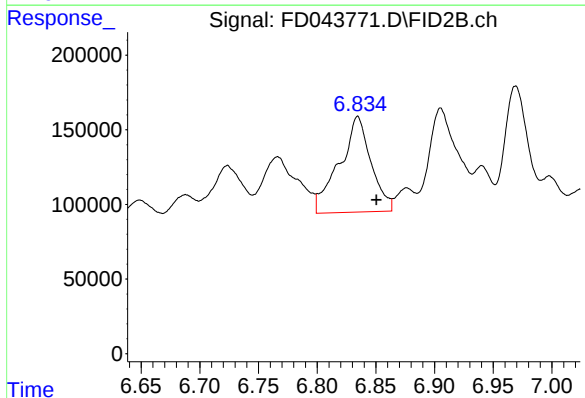
R.T.: 4.258 min
Delta R.T.: -0.009 min
Response: 142497
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



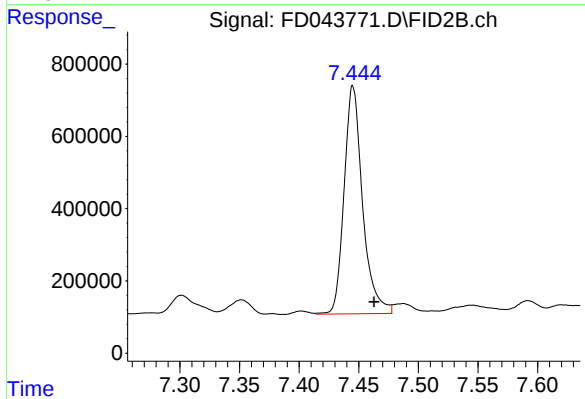
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.013 min
Response: 486220
Conc: 2.42 ug/ml



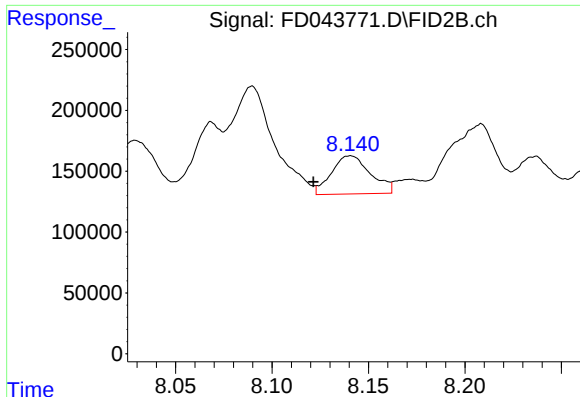
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.835 min
Delta R.T.: -0.016 min
Response: 1201391
Conc: 6.66 ug/ml



#4 2-Bromonaphthalene (SURR)

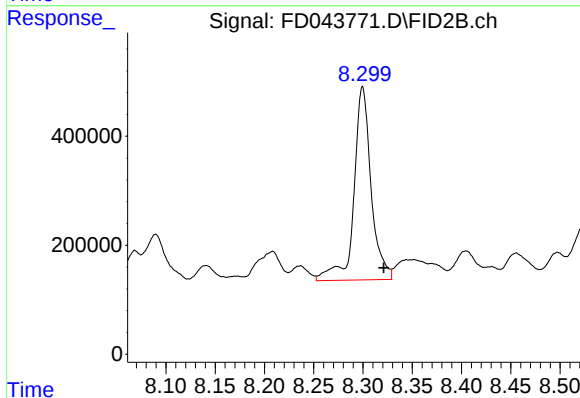
R.T.: 7.445 min
Delta R.T.: -0.018 min
Response: 6806857
Conc: 39.40 ug/ml



#5 Acenaphthylene (C15.06)

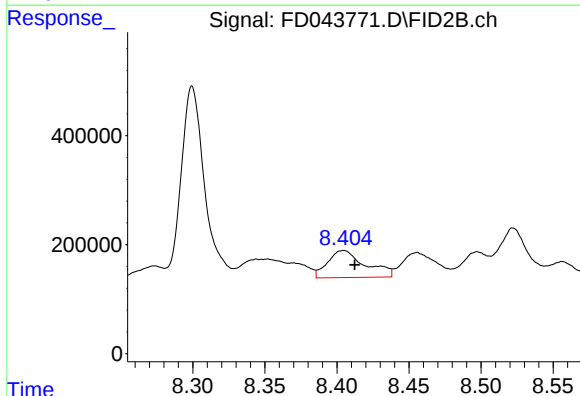
R.T.: 8.141 min
Delta R.T.: 0.019 min
Response: 441214
Conc: 2.21 ug/ml

Instrument :
FID_D
ClientSampleId :



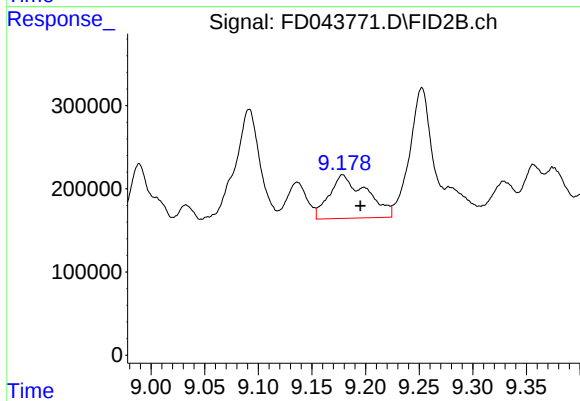
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.300 min
Delta R.T.: -0.021 min
Response: 4320690
Conc: 42.95 ug/ml



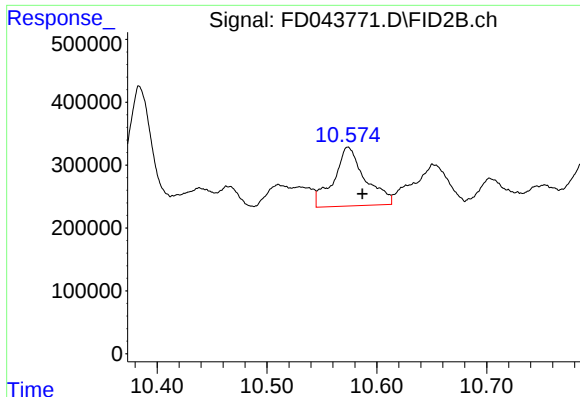
#7 Acenaphthene (C15.5)

R.T.: 8.404 min
Delta R.T.: -0.008 min
Response: 899850
Conc: 4.19 ug/ml



#8 Fluorene (C16.55)

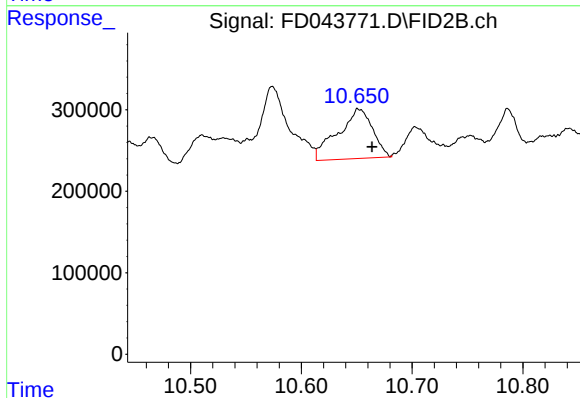
R.T.: 9.179 min
Delta R.T.: -0.016 min
Response: 1263790
Conc: 6.59 ug/ml



#9 Phenanthrene (C19.36)

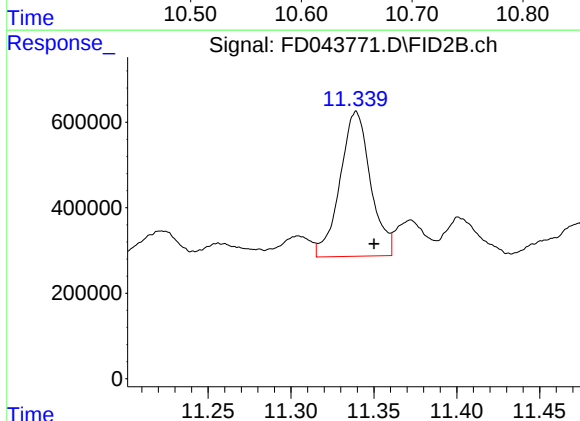
R.T.: 10.574 min
Delta R.T.: -0.013 min
Response: 1861834
Conc: 10.35 ug/ml

Instrument :
FID_D
ClientSampleId :



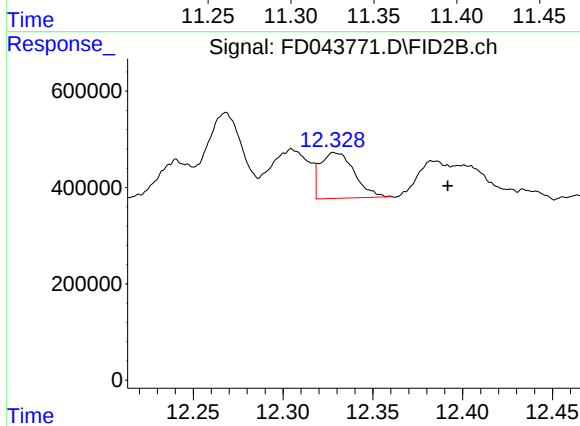
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: -0.011 min
Response: 1326650
Conc: 6.82 ug/ml



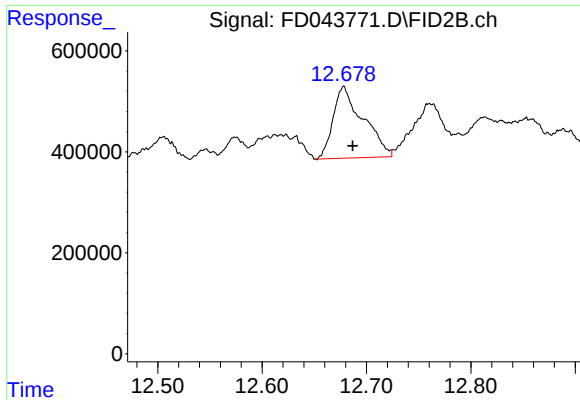
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: -0.011 min
Response: 4340897
Conc: 20.75 ug/ml



#12 Fluoranthene (C21.85)

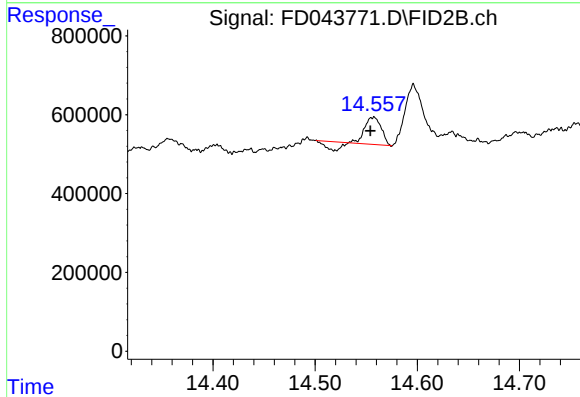
R.T.: 12.329 min
Delta R.T.: -0.062 min
Response: 1251747
Conc: 6.86 ug/ml



#13 Pyrene (C20.8)

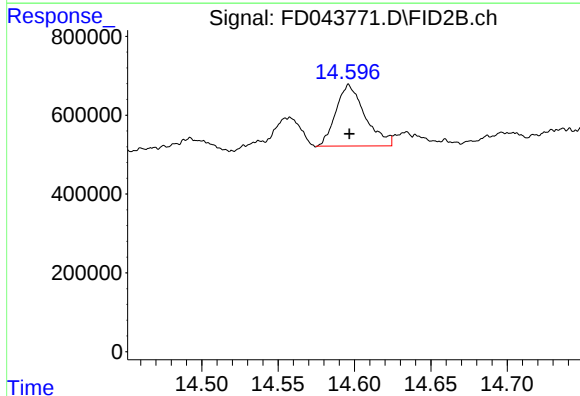
R.T.: 12.678 min
Delta R.T.: -0.009 min
Response: 2830958
Conc: 15.17 ug/ml

Instrument :
FID_D
ClientSampleId :



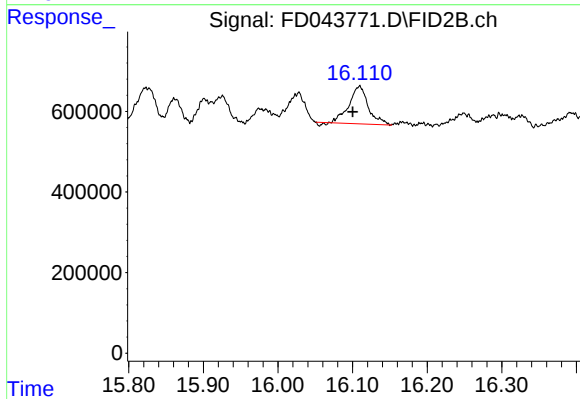
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.003 min
Response: 552321
Conc: 3.86 ug/ml



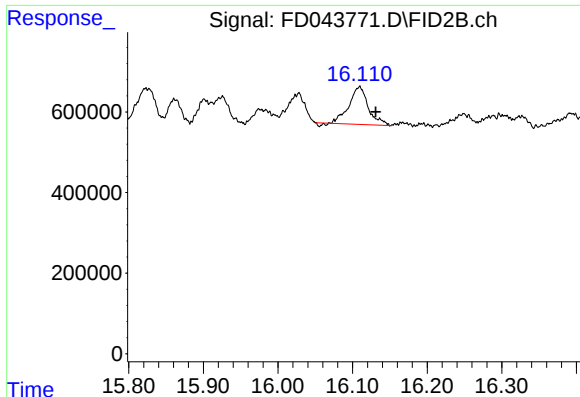
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.000 min
Response: 2062922
Conc: 10.69 ug/ml



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

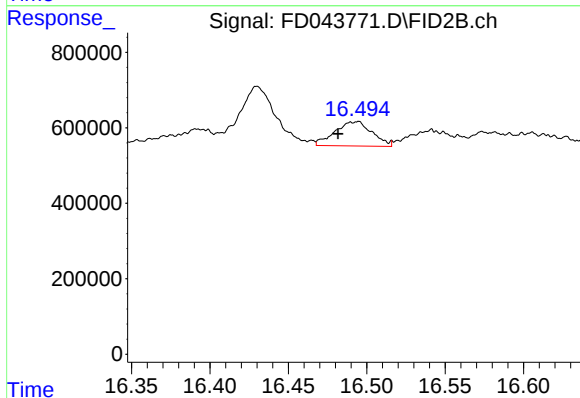
R.T.: 16.109 min
Delta R.T.: 0.009 min
Response: 1660744
Conc: 11.51 ug/ml



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

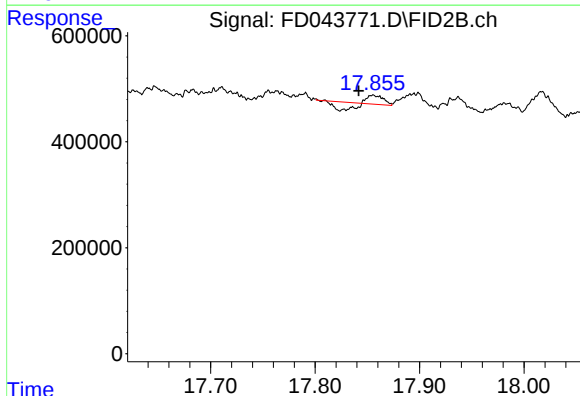
R.T.: 16.109 min
Delta R.T.: -0.022 min
Response: 1660744
Conc: 9.66 ug/ml

Instrument :
FID_D
ClientSampleId :



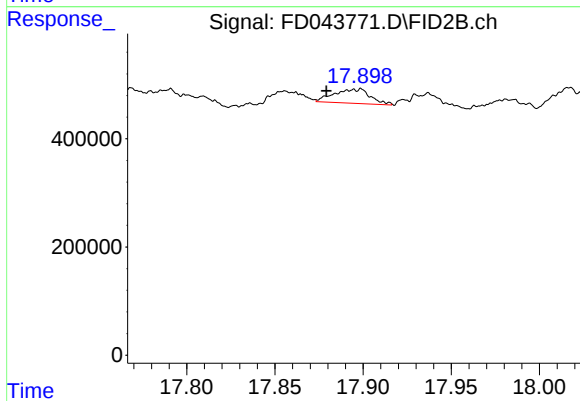
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min
Delta R.T.: 0.011 min
Response: 1066046
Conc: 7.34 ug/ml



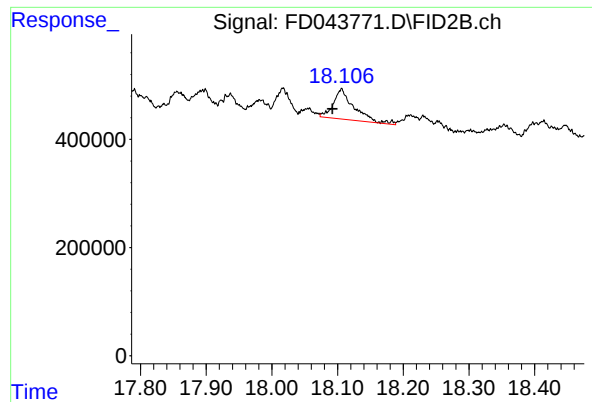
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: 0.014 min
Response: 3751
Conc: 0.04 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.016 min
Response: 377495
Conc: 2.68 ug/ml



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

R.T.: 18.106 min
Delta R.T.: 0.014 min
Response: 1207302
Conc: 9.48 ug/ml

Instrument :
FID_D
ClientSampleId :