

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048346.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 04:12
 Operator : YP/AJ
 Sample : P4104-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 07:05:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.391	11085906	73.096 ug/ml
Spiked Amount 50.000		Recovery =	146.19%
6) S 2-Fluorobiphenyl (SURR)	8.242	6774219	70.898 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	141.80%#
11) S ortho-Terphenyl (SURR)	11.274	4835769	28.185 ug/ml
Spiked Amount 50.000		Recovery =	56.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.211	12216649	69.252 ug/ml
2) T Naphthalene (C11.7)	5.733	11750392	64.977 ug/ml
3) T 2-Methylnaphthalene (...)	6.783	19413768	108.512 ug/ml
5) T Acenaphthylene (C15.06)	8.025	6953611	39.800 ug/ml
7) T Acenaphthene (C15.5)	8.332	991297	5.574 ug/ml
8) T Flouorene (C16.55)	9.111	1636815	9.775 ug/ml
9) T Phenanthrene (C19.36)	10.500	1302192	8.066 ug/ml
10) T Anthracene (C19.43)	10.578	370784	2.330 ug/ml
12) T Fluoranthene (C21.85)	12.303	865739	5.340 ug/ml
13) T Pyrene (C20.8)	12.597	581248	3.625 ug/ml
14) T Benzo[a]anthracene (C...	14.466	198597	1.418 ug/ml
15) T Chrysene (C27.41)	14.507	269184	1.634 ug/ml
16) T benzo[b]fluoranthene ...	16.014	275890	1.857 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	99582	0.647 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	213970	1.446 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	284934	2.522 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	49890	0.327 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	136341	0.925 ug/ml

(f)=RT Delta > 1/2 Window

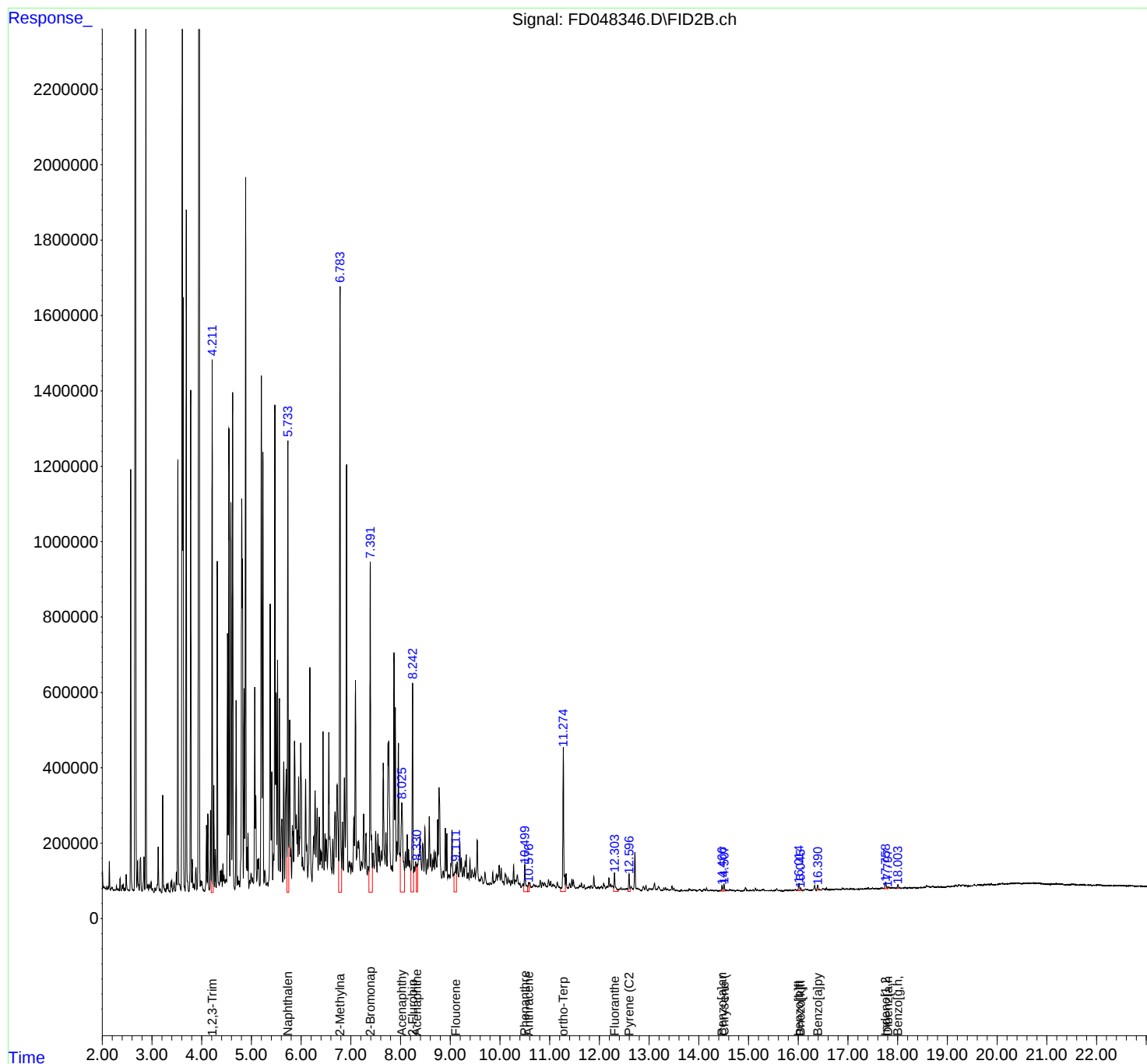
(m)=manual int.

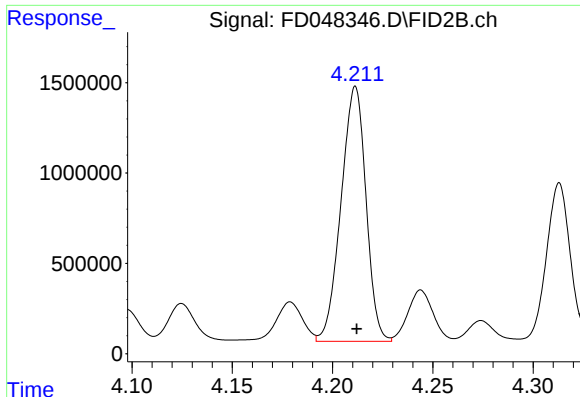
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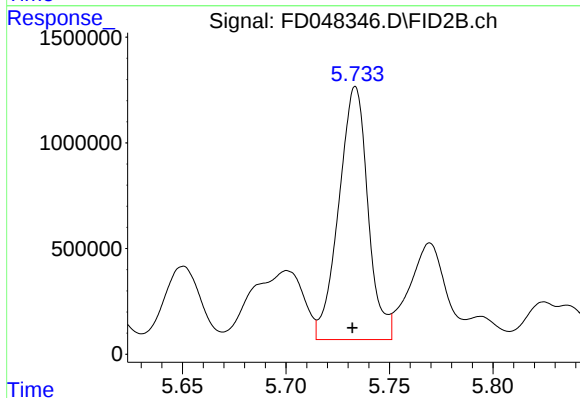




#1 1,2,3-Trimethylbenzene (C10.1)

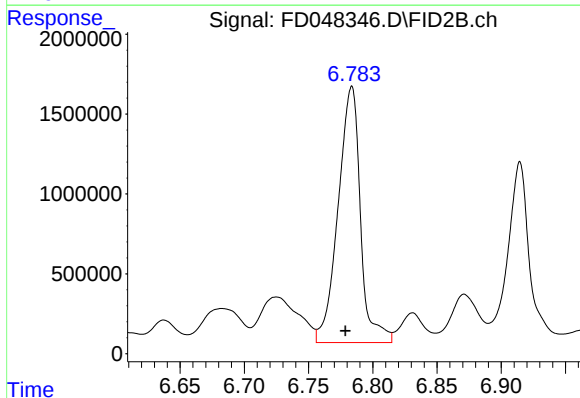
R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 12216649
Conc: 69.25 ug/ml

Instrument :
FID_D
ClientSampleId :



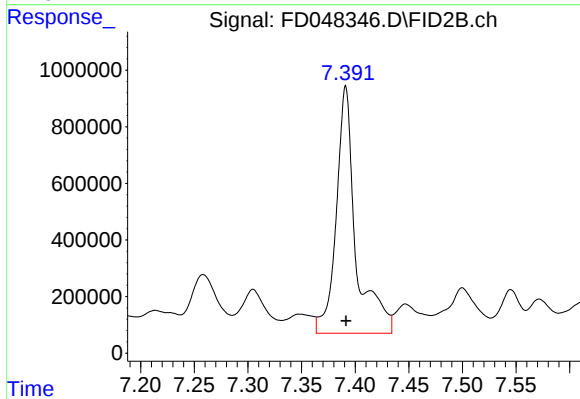
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: 0.001 min
Response: 11750392
Conc: 64.98 ug/ml



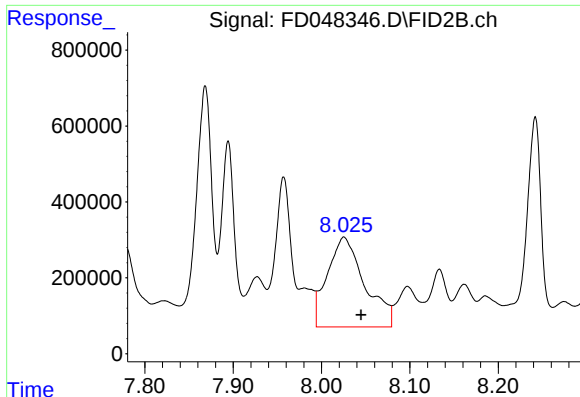
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 19413768
Conc: 108.51 ug/ml



#4 2-Bromonaphthalene (SURR)

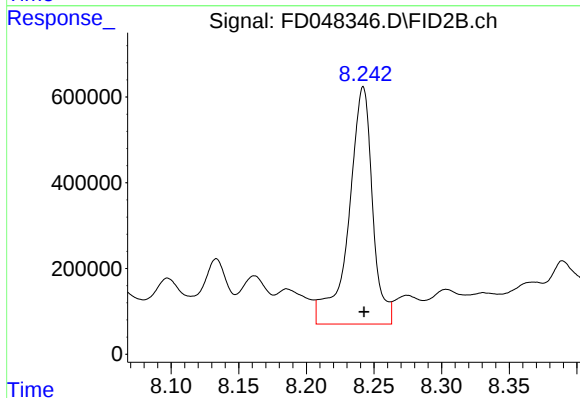
R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 11085906
Conc: 73.10 ug/ml



#5 Acenaphthylene (C15.06)

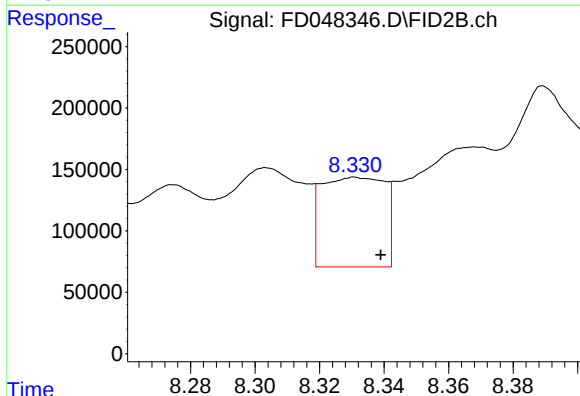
R.T.: 8.025 min
Delta R.T.: -0.019 min
Response: 6953611
Conc: 39.80 ug/ml

Instrument :
FID_D
ClientSampleId :



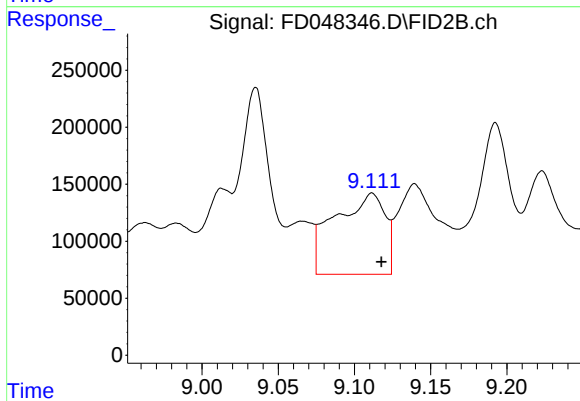
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 6774219
Conc: 70.90 ug/ml



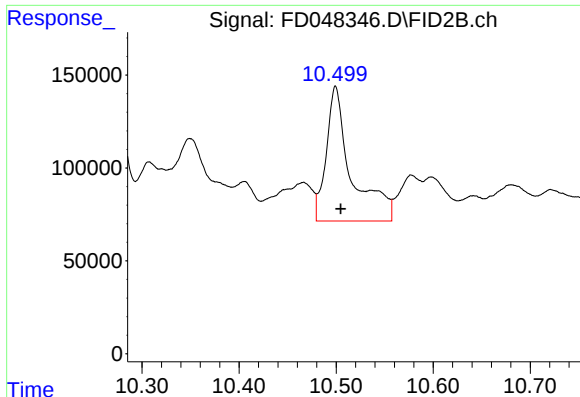
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: -0.007 min
Response: 991297
Conc: 5.57 ug/ml



#8 Flouorene (C16.55)

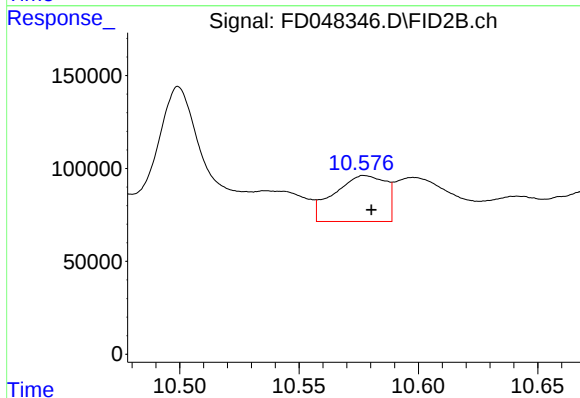
R.T.: 9.111 min
Delta R.T.: -0.006 min
Response: 1636815
Conc: 9.77 ug/ml



#9 Phenanthrene (C19.36)

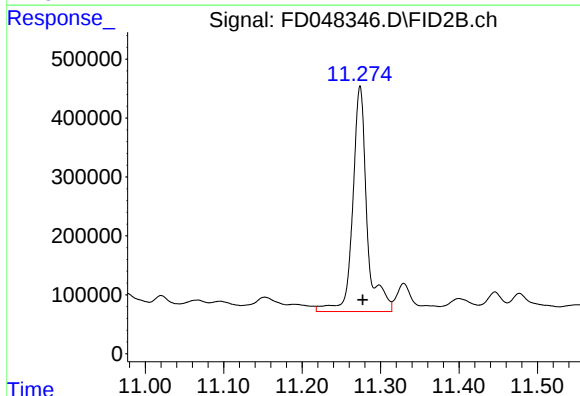
R.T.: 10.500 min
Delta R.T.: -0.005 min
Response: 1302192
Conc: 8.07 ug/ml

Instrument :
FID_D
ClientSampleId :



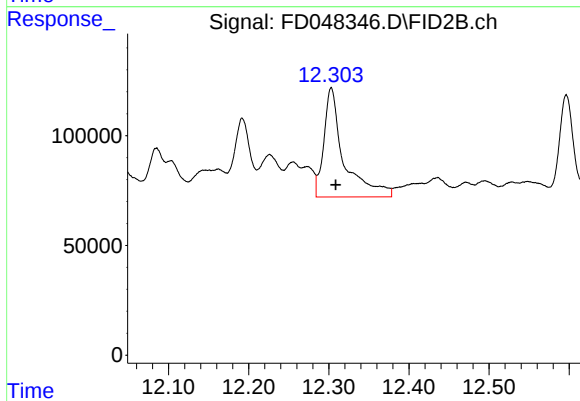
#10 Anthracene (C19.43)

R.T.: 10.578 min
Delta R.T.: -0.002 min
Response: 370784
Conc: 2.33 ug/ml



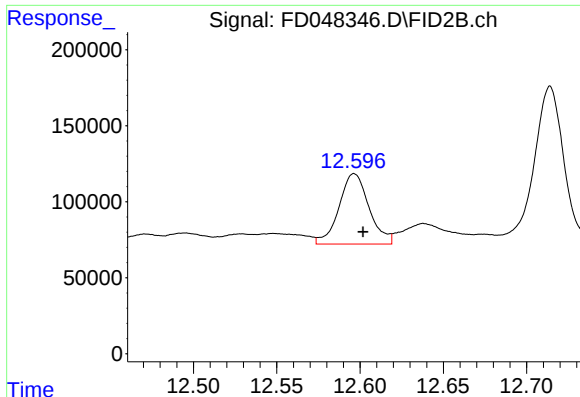
#11 ortho-Terphenyl (SURR)

R.T.: 11.274 min
Delta R.T.: -0.004 min
Response: 4835769
Conc: 28.19 ug/ml



#12 Fluoranthene (C21.85)

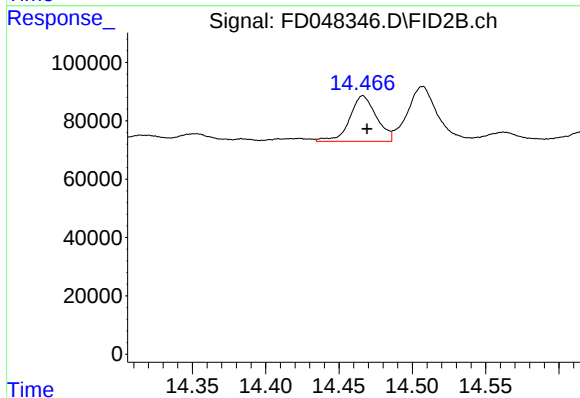
R.T.: 12.303 min
Delta R.T.: -0.005 min
Response: 865739
Conc: 5.34 ug/ml



#13 Pyrene (C20.8)

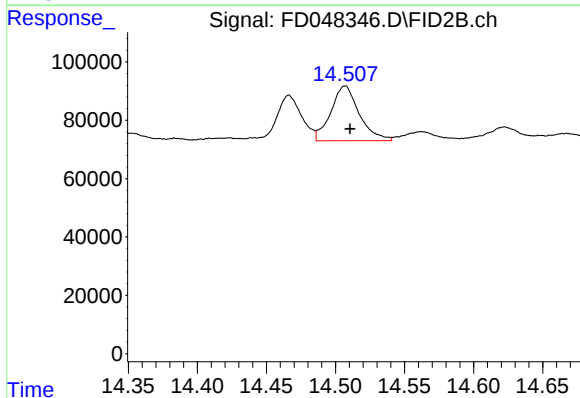
R.T.: 12.597 min
Delta R.T.: -0.005 min
Response: 581248
Conc: 3.63 ug/ml

Instrument :
FID_D
ClientSampleId :



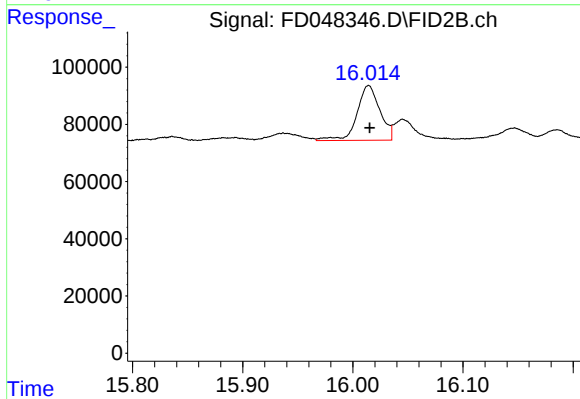
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: -0.003 min
Response: 198597
Conc: 1.42 ug/ml



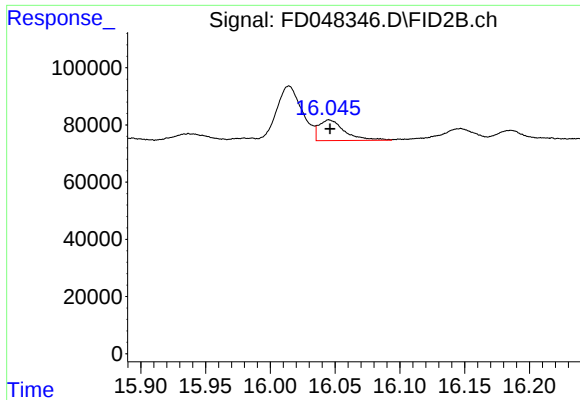
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.004 min
Response: 269184
Conc: 1.63 ug/ml



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

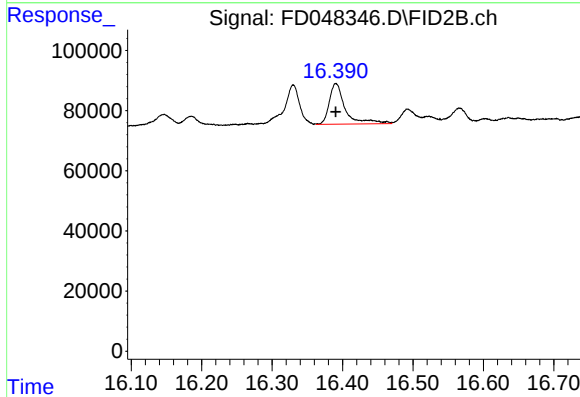
R.T.: 16.014 min
Delta R.T.: 0.000 min
Response: 275890
Conc: 1.86 ug/ml



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

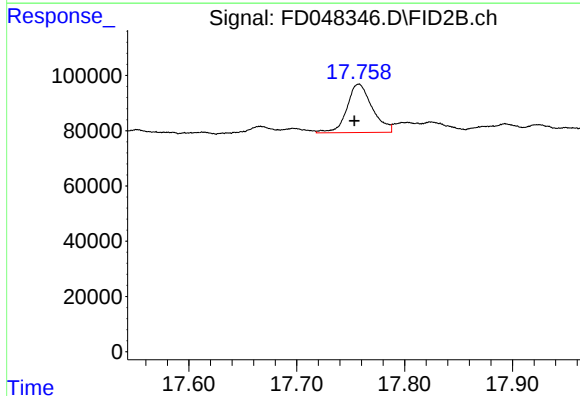
R.T.: 16.046 min
Delta R.T.: 0.000 min
Response: 99582
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



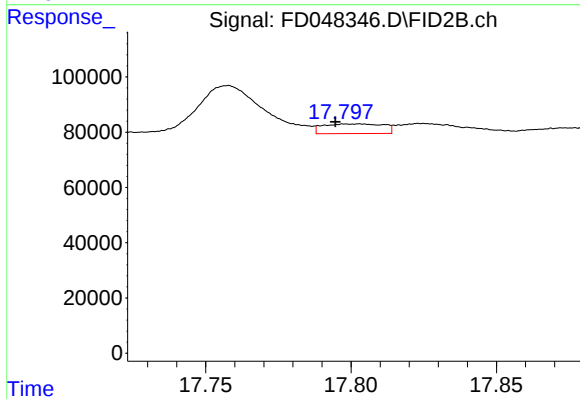
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 213970
Conc: 1.45 ug/ml



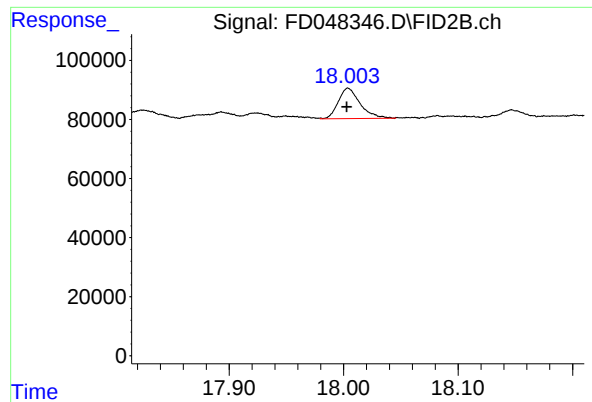
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.004 min
Response: 284934
Conc: 2.52 ug/ml



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

R.T.: 17.801 min
Delta R.T.: 0.007 min
Response: 49890
Conc: 0.33 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.001 min
Response: 136341
Conc: 0.92 ug/ml

Instrument :

FID_D

ClientSampleId :