

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048353.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 11:19
 Operator : YP/AJ
 Sample : P4104-06DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:14:31 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...	7.386	1808429	11.924 ug/ml
Spiked Amount 50.000		Recovery =	23.85%
6) S 2-Fluorobiphenyl (SURR)	8.236	1197038	12.528 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	25.06%
11) S ortho-Terphenyl (SURR)	11.269	703198	4.099 ug/ml
Spiked Amount 50.000		Recovery =	8.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.207	1254702	7.112 ug/ml
2) T Naphthalene (C11.7)	5.726	1357775	7.508 ug/ml
3) T 2-Methylnaphthalene (...)	6.773	2440041	13.639 ug/ml
5) T Acenaphthylene (C15.06)	8.024	968519	5.543 ug/ml
7) T Acenaphthene (C15.5)	8.364	351321	1.975 ug/ml
8) T Flouorene (C16.55)	9.137	340863	2.036 ug/ml
9) T Phenanthrene (C19.36)	10.506	122078	0.756 ug/ml
10) T Anthracene (C19.43)	10.596	41048	0.258 ug/ml
12) T Fluoranthene (C21.85)	12.309	138932	0.857 ug/ml
13) T Pyrene (C20.8)	12.602	118987	0.742 ug/ml
14) T Benzo[a]anthracene (C...	14.484	34337	0.245 ug/ml
15) T Chrysene (C27.41)	14.520	46662	0.283 ug/ml
16) T benzo[b]fluoranthene ...	16.028	69500	0.468 ug/ml
17) T Bnezo[k]fluoranthene ...	16.061	39421	0.256 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.411	46391	0.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.779	48720	0.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	48720	0.319 ug/ml
21) T Benzo[g,h,i]perylene ...	18.023	38575	0.262 ug/ml

(f)=RT Delta > 1/2 Window

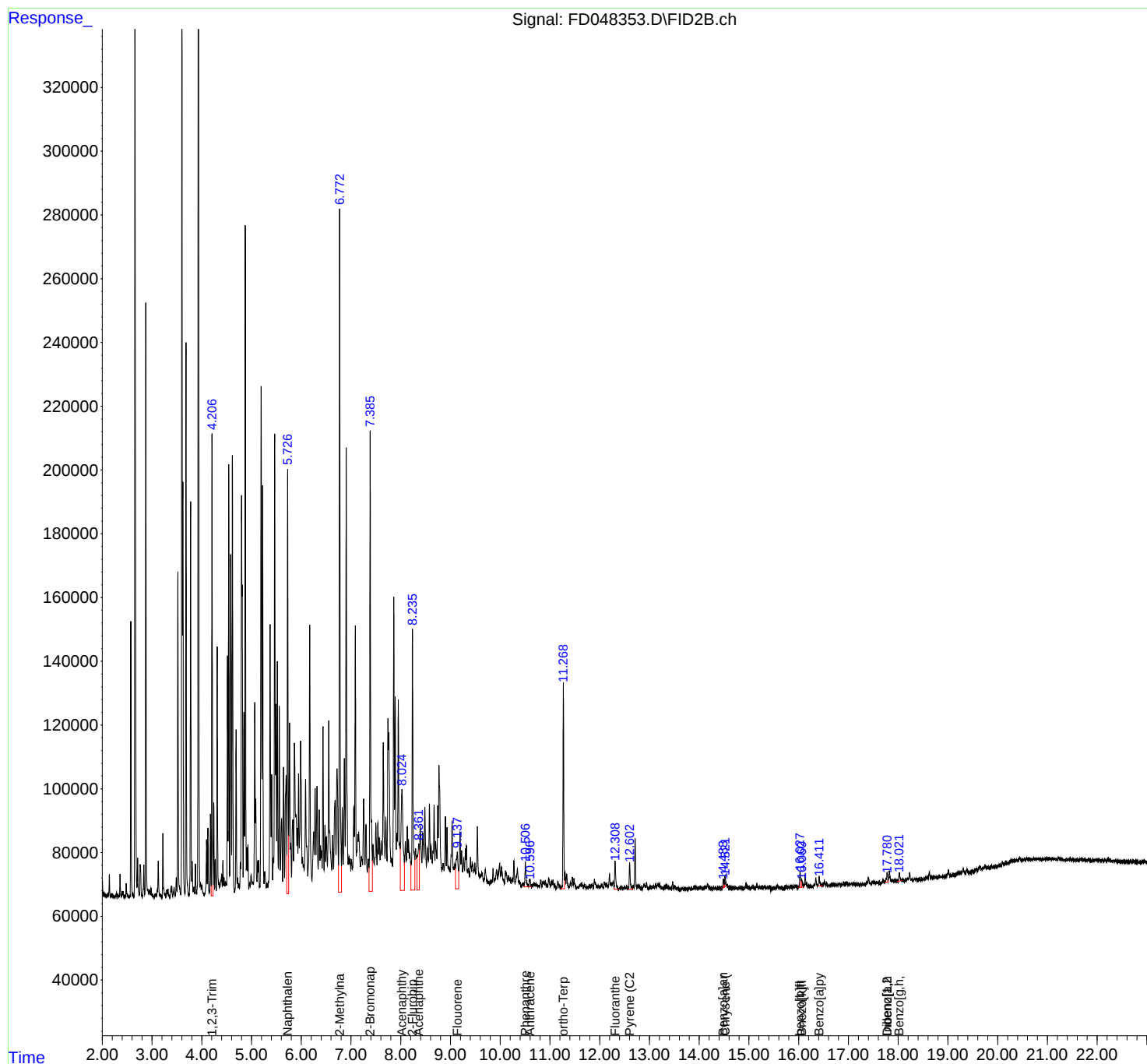
(m)=manual int.

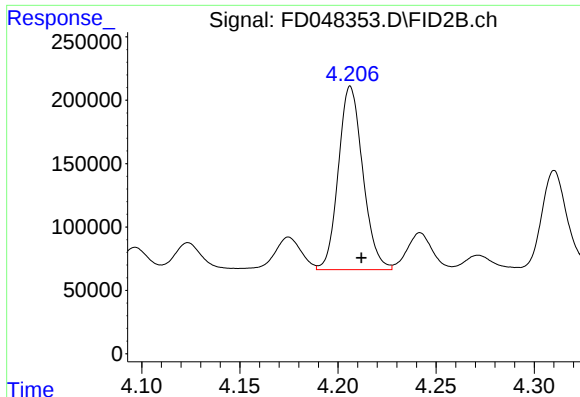
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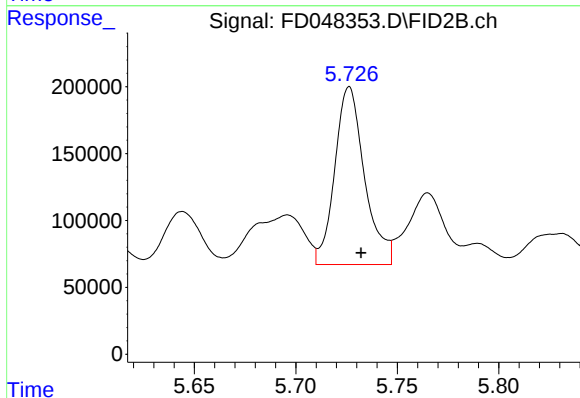




#1 1,2,3-Trimethylbenzene (C10.1)

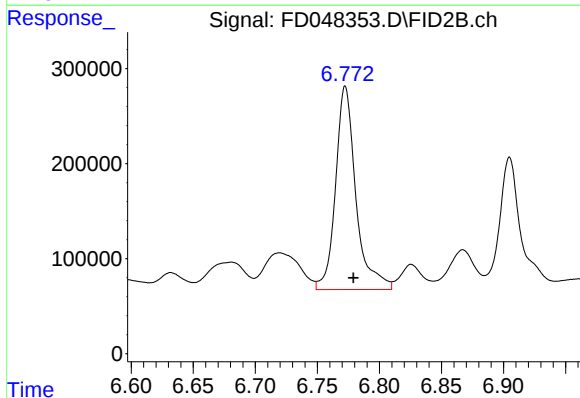
R.T.: 4.207 min
Delta R.T.: -0.005 min
Response: 1254702
Conc: 7.11 ug/ml

Instrument :
FID_D
ClientSampleId :



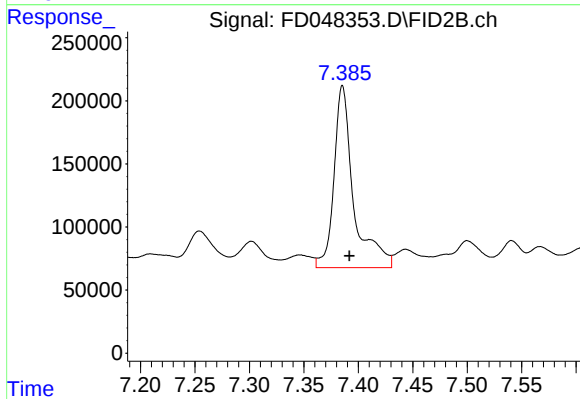
#2 Naphthalene (C11.7)

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 1357775
Conc: 7.51 ug/ml



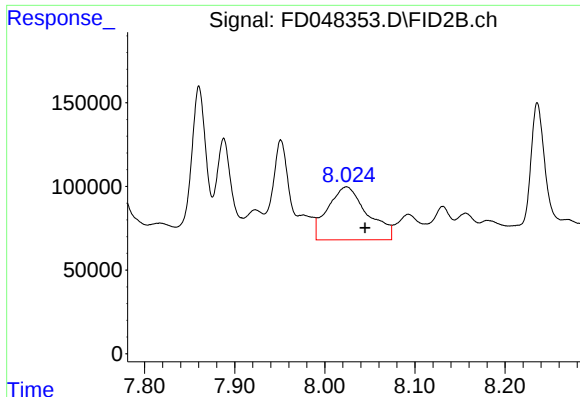
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.773 min
Delta R.T.: -0.006 min
Response: 2440041
Conc: 13.64 ug/ml



#4 2-Bromonaphthalene (SURR)

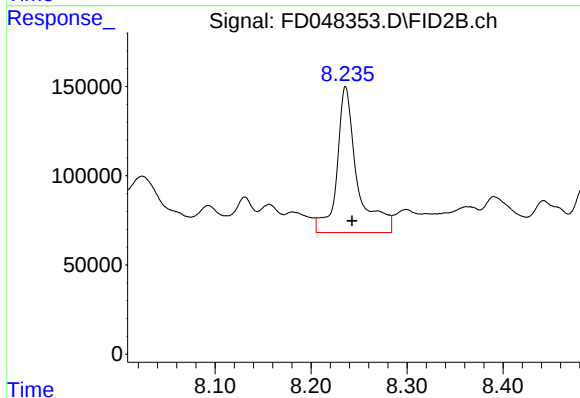
R.T.: 7.386 min
Delta R.T.: -0.006 min
Response: 1808429
Conc: 11.92 ug/ml



#5 Acenaphthylene (C15.06)

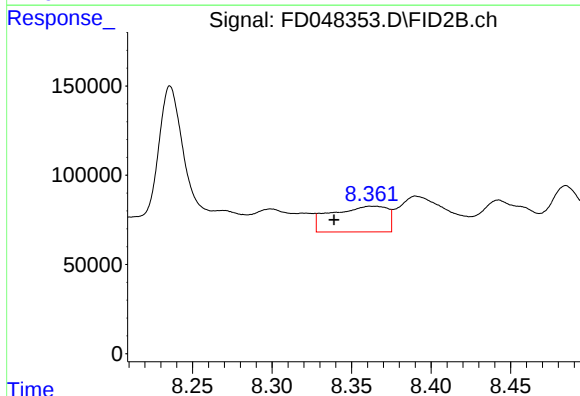
R.T.: 8.024 min
Delta R.T.: -0.021 min
Response: 968519
Conc: 5.54 ug/ml

Instrument :
FID_D
ClientSampleId :



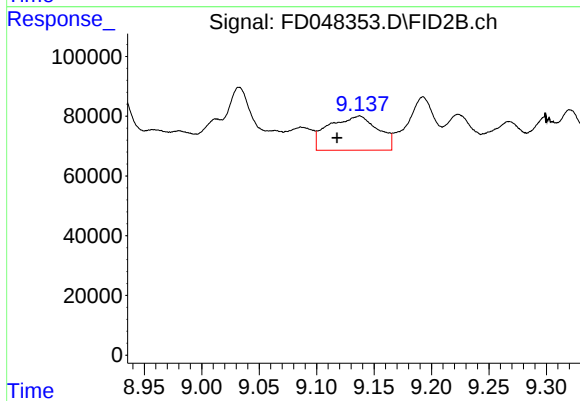
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.236 min
Delta R.T.: -0.007 min
Response: 1197038
Conc: 12.53 ug/ml



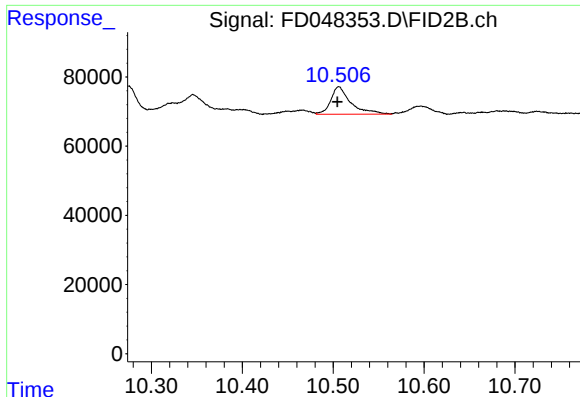
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: 0.025 min
Response: 351321
Conc: 1.98 ug/ml



#8 Flouorene (C16.55)

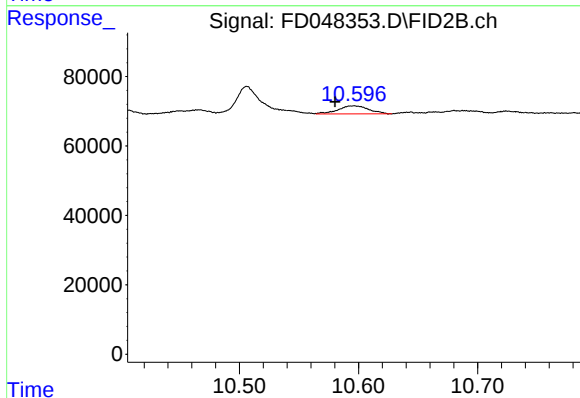
R.T.: 9.137 min
Delta R.T.: 0.019 min
Response: 340863
Conc: 2.04 ug/ml



#9 Phenanthrene (C19.36)

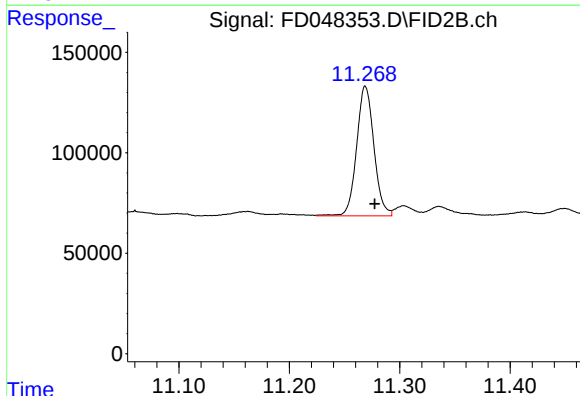
R.T.: 10.506 min
Delta R.T.: 0.002 min
Response: 122078
Conc: 0.76 ug/ml

Instrument :
FID_D
ClientSampleId :



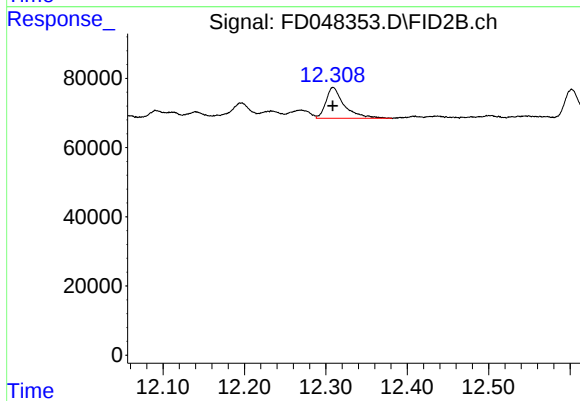
#10 Anthracene (C19.43)

R.T.: 10.596 min
Delta R.T.: 0.016 min
Response: 41048
Conc: 0.26 ug/ml



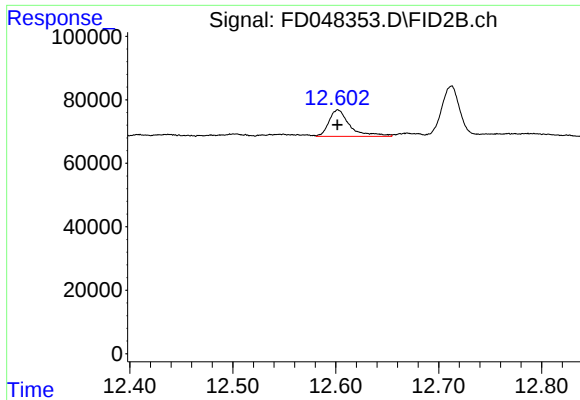
#11 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.008 min
Response: 703198
Conc: 4.10 ug/ml



#12 Fluoranthene (C21.85)

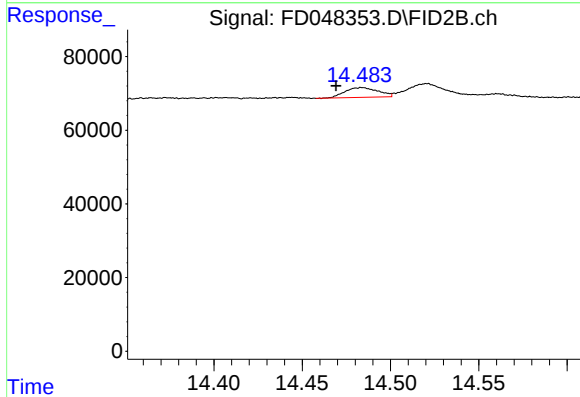
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 138932
Conc: 0.86 ug/ml



#13 Pyrene (C20.8)

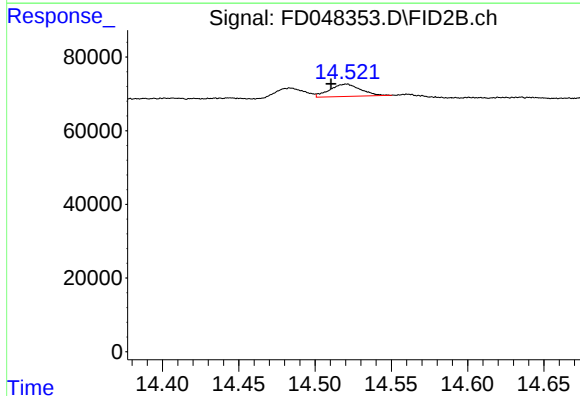
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 118987
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



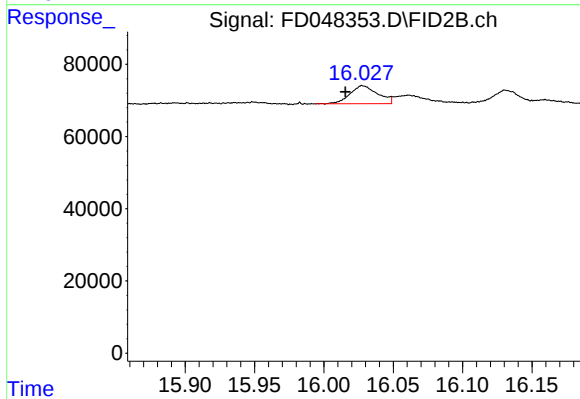
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: 0.014 min
Response: 34337
Conc: 0.25 ug/ml



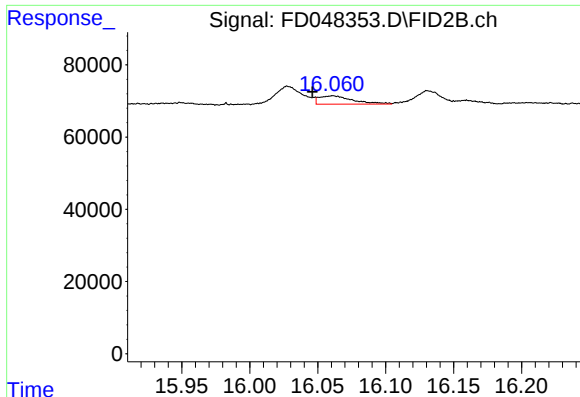
#15 Chrysene (C27.41)

R.T.: 14.520 min
Delta R.T.: 0.010 min
Response: 46662
Conc: 0.28 ug/ml



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

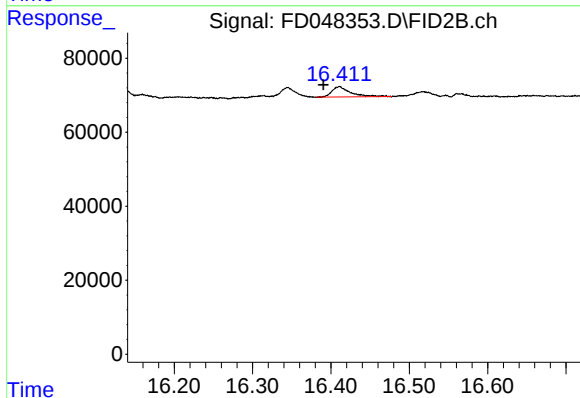
R.T.: 16.028 min
Delta R.T.: 0.013 min
Response: 69500
Conc: 0.47 ug/ml



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

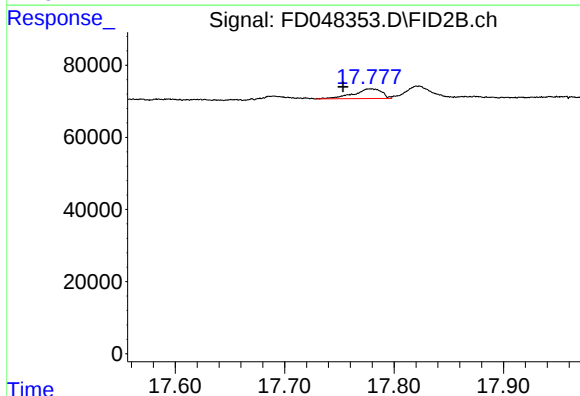
R.T.: 16.061 min
Delta R.T.: 0.015 min
Response: 39421
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



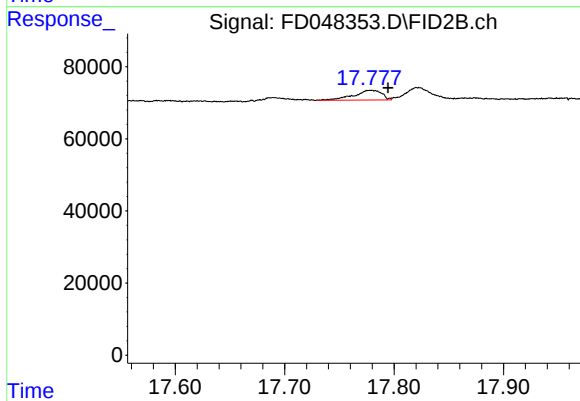
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.411 min
Delta R.T.: 0.020 min
Response: 46391
Conc: 0.31 ug/ml



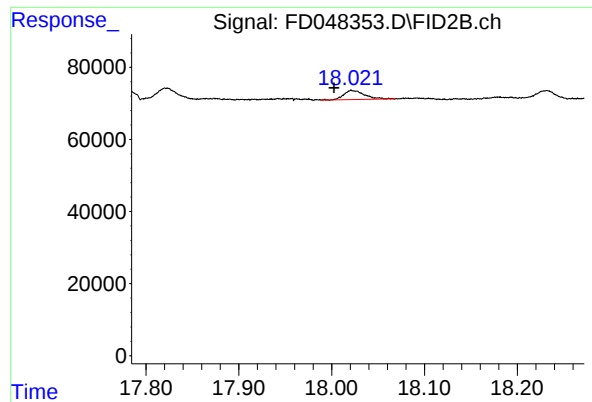
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.779 min
Delta R.T.: 0.026 min
Response: 48720
Conc: 0.43 ug/ml



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

R.T.: 17.779 min
Delta R.T.: -0.016 min
Response: 48720
Conc: 0.32 ug/ml



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

R.T.: 18.023 min
Delta R.T.: 0.020 min
Response: 38575
Conc: 0.26 ug/ml

Instrument :

FID_D

ClientSampleId :