

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048354.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 12:15
 Operator : YP/AJ
 Sample : P4104-07DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:14:40 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...	7.384	2400767	15.830 ug/ml
Spiked Amount 50.000		Recovery =	31.66%
6) S 2-Fluorobiphenyl (SURR)	8.234	1612664	16.878 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.76%
11) S ortho-Terphenyl (SURR)	11.269	933324	5.440 ug/ml
Spiked Amount 50.000		Recovery =	10.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.203	2728896	15.469 ug/ml
2) T Naphthalene (C11.7)	5.723	2572172	14.224 ug/ml
3) T 2-Methylnaphthalene (...)	6.771	4253914	23.777 ug/ml
5) T Acenaphthylene (C15.06)	8.021	1506546	8.623 ug/ml
7) T Acenaphthene (C15.5)	8.361	591895	3.328 ug/ml
8) T Flouorene (C16.55)	9.111	346556	2.070 ug/ml
9) T Phenanthrene (C19.36)	10.502	257783	1.597 ug/ml
10) T Anthracene (C19.43)	10.594	155289	0.976 ug/ml
12) T Fluoranthene (C21.85)	12.308	166202	1.025 ug/ml
13) T Pyrene (C20.8)	12.601	117269	0.731 ug/ml
14) T Benzo[a]anthracene (C...	14.482	23069	0.165 ug/ml
15) T Chrysene (C27.41)	14.518	43598	0.265 ug/ml
16) T benzo[b]fluoranthene ...	16.027	55621	0.374 ug/ml
17) T Bnezo[k]fluoranthene ...	16.059	30118	0.196 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.409	45838	0.310 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	46394	0.411 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	46394	0.304 ug/ml
21) T Benzo[g,h,i]perylene ...	18.022	28386	0.193 ug/ml

(f)=RT Delta > 1/2 Window

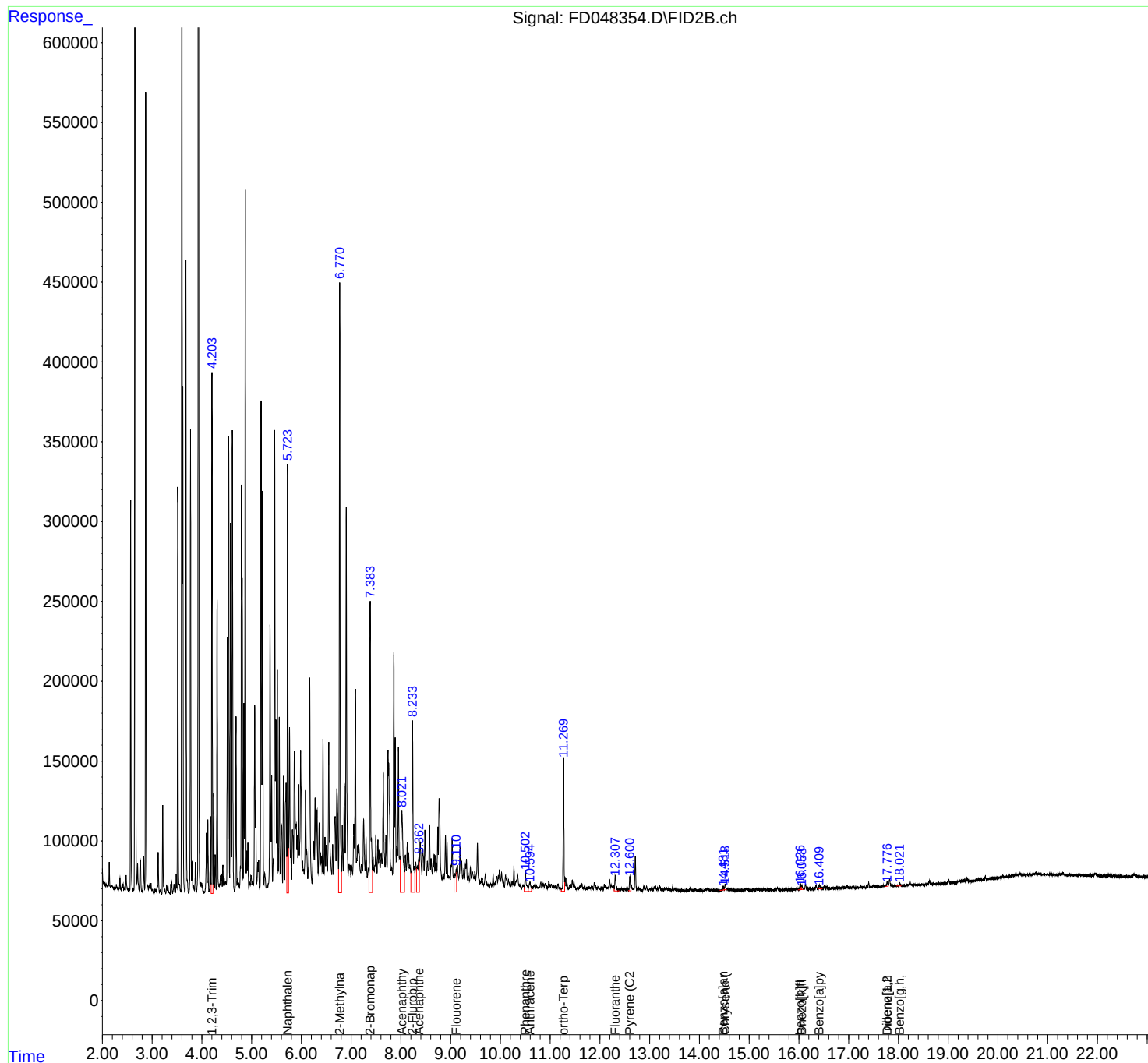
(m)=manual int.

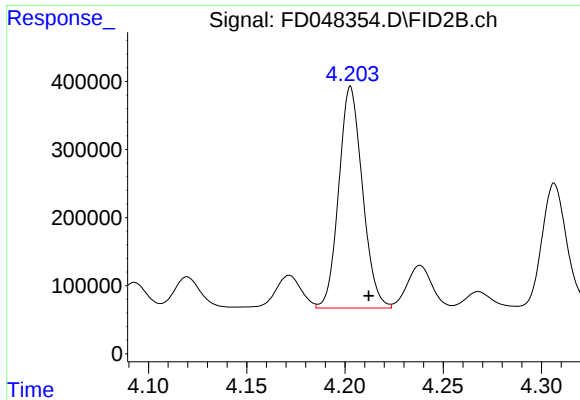
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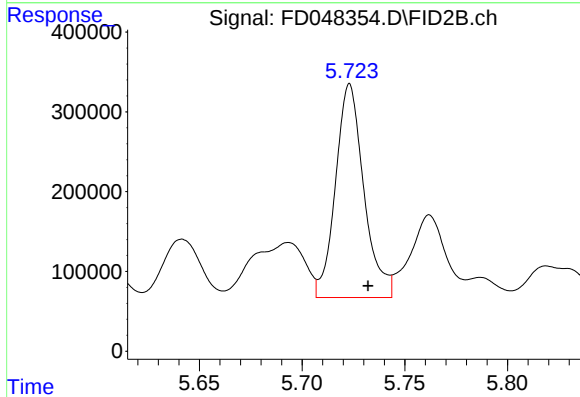




#1 1,2,3-Trimethylbenzene (C10.1)

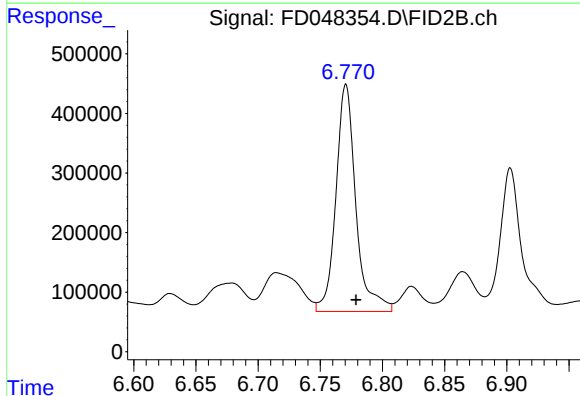
R.T.: 4.203 min
Delta R.T.: -0.009 min
Response: 2728896
Conc: 15.47 ug/ml

Instrument :
FID_D
ClientSampleId :



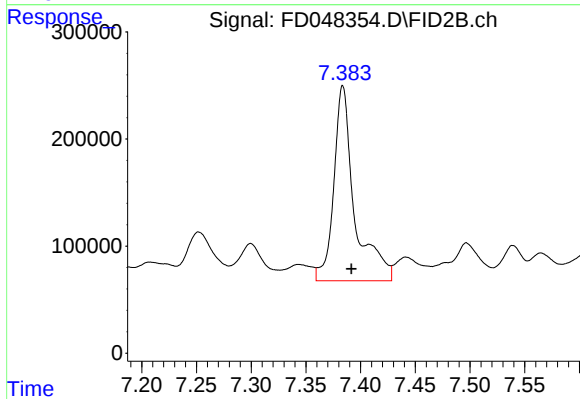
#2 Naphthalene (C11.7)

R.T.: 5.723 min
Delta R.T.: -0.009 min
Response: 2572172
Conc: 14.22 ug/ml



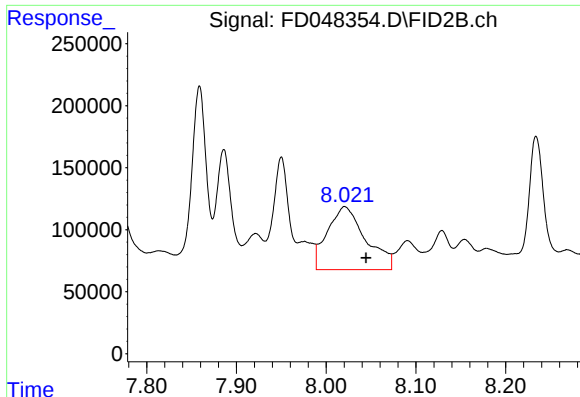
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 4253914
Conc: 23.78 ug/ml



#4 2-Bromonaphthalene (SURR)

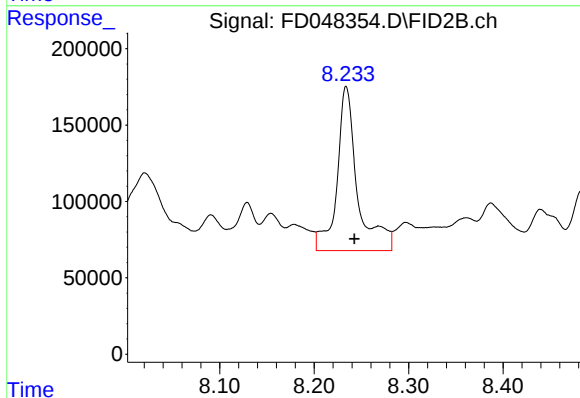
R.T.: 7.384 min
Delta R.T.: -0.008 min
Response: 2400767
Conc: 15.83 ug/ml



#5 Acenaphthylene (C15.06)

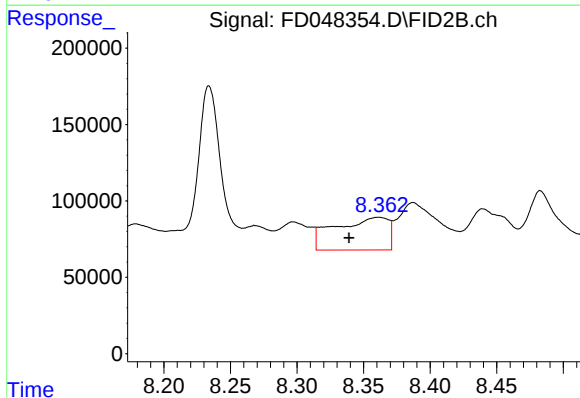
R.T.: 8.021 min
Delta R.T.: -0.024 min
Response: 1506546
Conc: 8.62 ug/ml

Instrument :
FID_D
ClientSampleId :



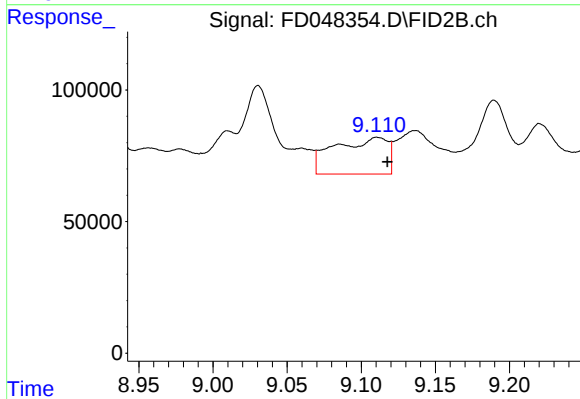
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.234 min
Delta R.T.: -0.009 min
Response: 1612664
Conc: 16.88 ug/ml



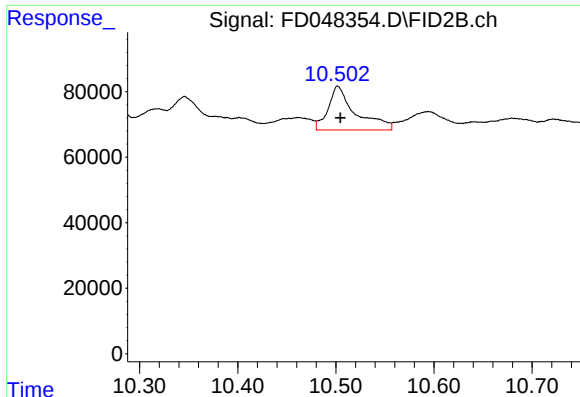
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: 0.022 min
Response: 591895
Conc: 3.33 ug/ml



#8 Flouorene (C16.55)

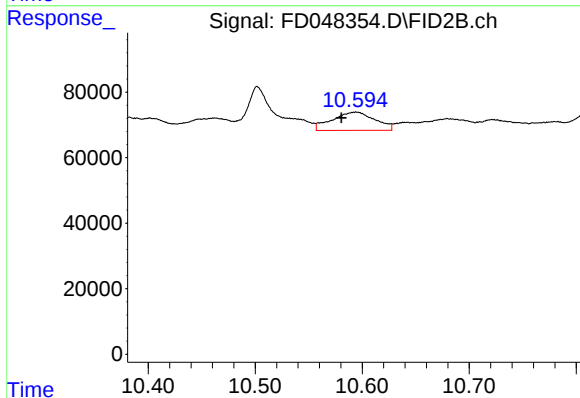
R.T.: 9.111 min
Delta R.T.: -0.006 min
Response: 346556
Conc: 2.07 ug/ml



#9 Phenanthrene (C19.36)

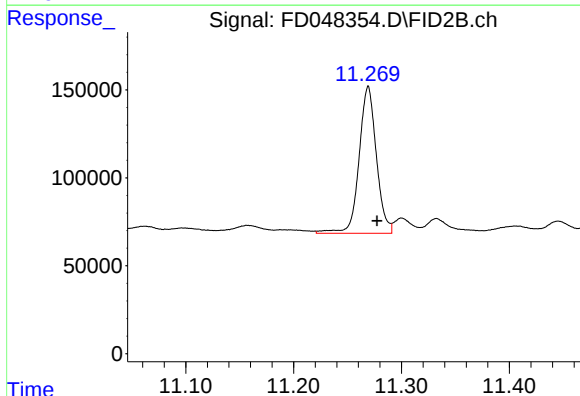
R.T.: 10.502 min
Delta R.T.: -0.002 min
Response: 257783
Conc: 1.60 ug/ml

Instrument :
FID_D
ClientSampleId :



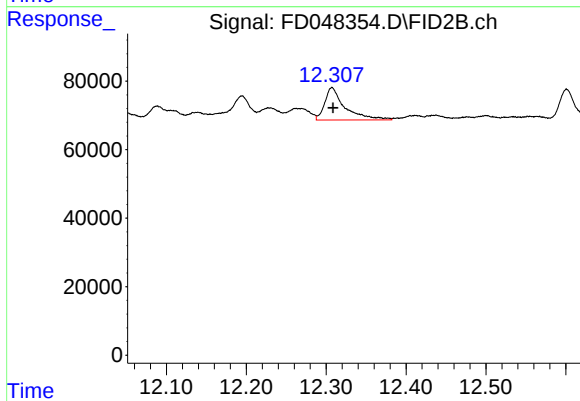
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: 0.013 min
Response: 155289
Conc: 0.98 ug/ml



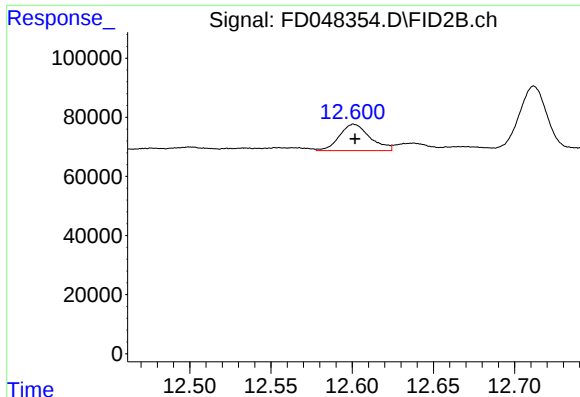
#11 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.008 min
Response: 933324
Conc: 5.44 ug/ml



#12 Fluoranthene (C21.85)

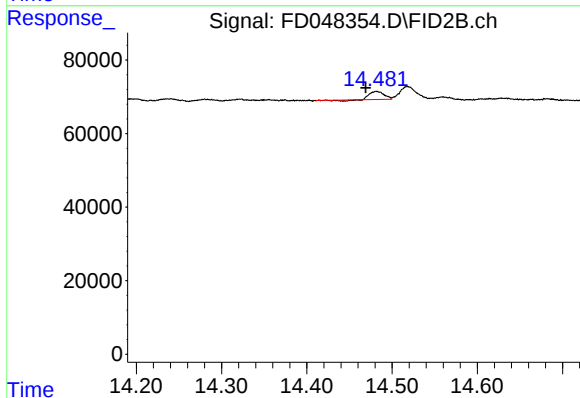
R.T.: 12.308 min
Delta R.T.: 0.000 min
Response: 166202
Conc: 1.03 ug/ml



#13 Pyrene (C20.8)

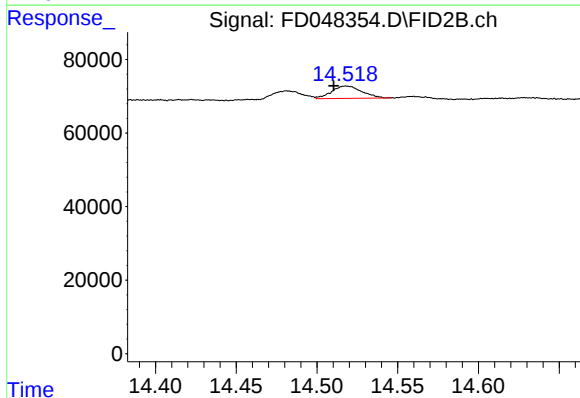
R.T.: 12.601 min
Delta R.T.: 0.000 min
Response: 117269
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



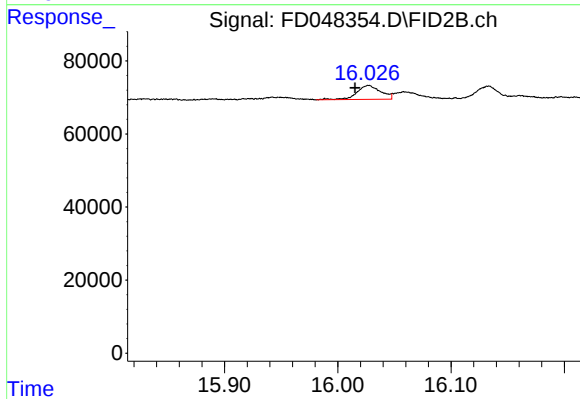
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.482 min
Delta R.T.: 0.013 min
Response: 23069
Conc: 0.16 ug/ml



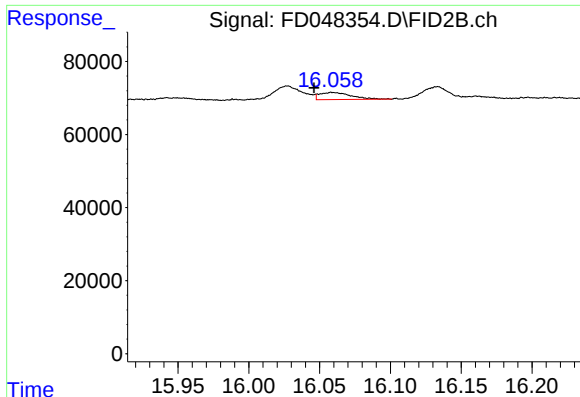
#15 Chrysene (C27.41)

R.T.: 14.518 min
Delta R.T.: 0.008 min
Response: 43598
Conc: 0.26 ug/ml



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

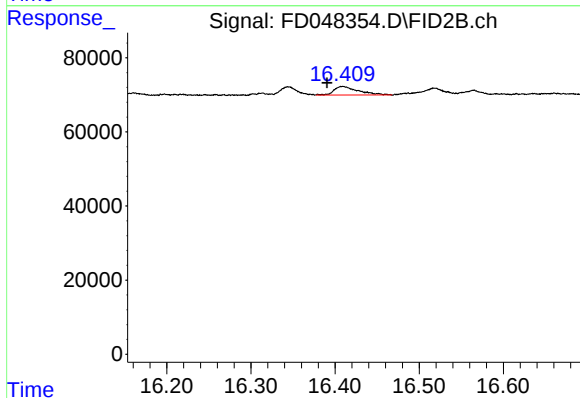
R.T.: 16.027 min
Delta R.T.: 0.012 min
Response: 55621
Conc: 0.37 ug/ml



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

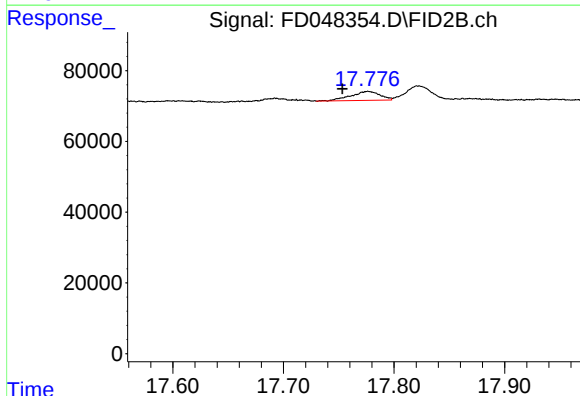
R.T.: 16.059 min
Delta R.T.: 0.013 min
Response: 30118
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



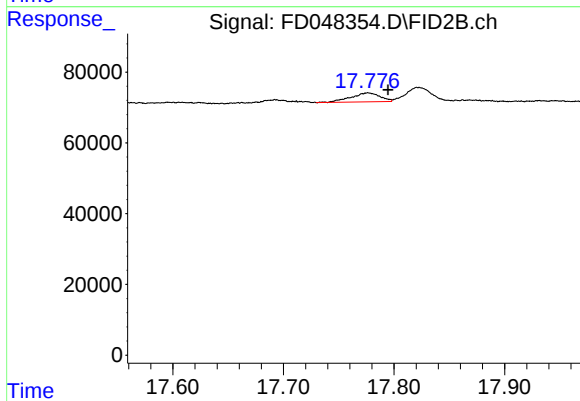
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.409 min
Delta R.T.: 0.019 min
Response: 45838
Conc: 0.31 ug/ml



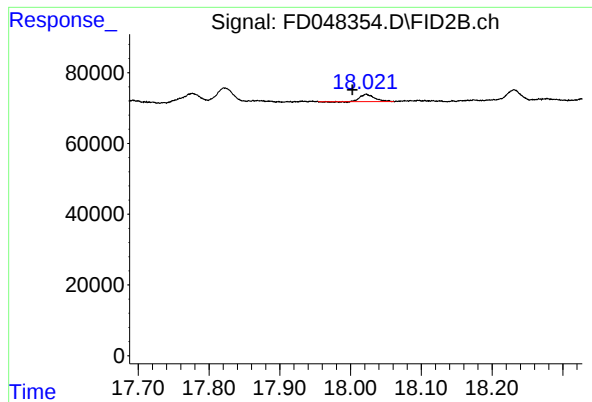
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: 0.023 min
Response: 46394
Conc: 0.41 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.018 min
Response: 46394
Conc: 0.30 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.019 min
Response: 28386
Conc: 0.19 ug/ml

Instrument :

FID_D

ClientSampleId :