

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048609.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 17:39
 Operator : YP/AJ
 Sample : P4518-01DL 10X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 02:38:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.371	1382803	9.111 ug/ml
Spiked Amount 50.000		Recovery =	18.22%
6) S 2-Fluorobiphenyl (SURR)	8.222	1163277	11.847 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	23.69%
11) S ortho-Terphenyl (SURR)	11.253	1443121	8.472 ug/ml
Spiked Amount 50.000		Recovery =	16.94%
Target Compounds			
2) T Naphthalene (C11.7)	5.723	53692	0.301 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	546818	3.057 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1160722	6.610 ug/ml
7) T Acenaphthene (C15.5)	8.317	384913	2.170 ug/ml
8) T Fluorene (C16.55)	9.095	724210	4.284 ug/ml
9) T Phenanthrene (C19.36)	10.482	1349636	8.164 ug/ml
10) T Anthracene (C19.43)	10.561	802438	5.018 ug/ml
12) T Fluoranthene (C21.85)	12.287	554198	3.367 ug/ml
13) T Pyrene (C20.8)	12.580	310548	1.928 ug/ml
14) T Benzo[a]anthracene (C...	14.456	84086	0.575 ug/ml
15) T Chrysene (C27.41)	14.494	103169	0.627 ug/ml
16) T benzo[b]fluoranthene ...	16.004	129598	0.852 ug/ml
17) T Bnezo[k]fluoranthene ...	16.037	59500	0.396 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	95792	0.637 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	67641	0.518 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	67641	0.416 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	71495	0.467 ug/ml

(f)=RT Delta > 1/2 Window

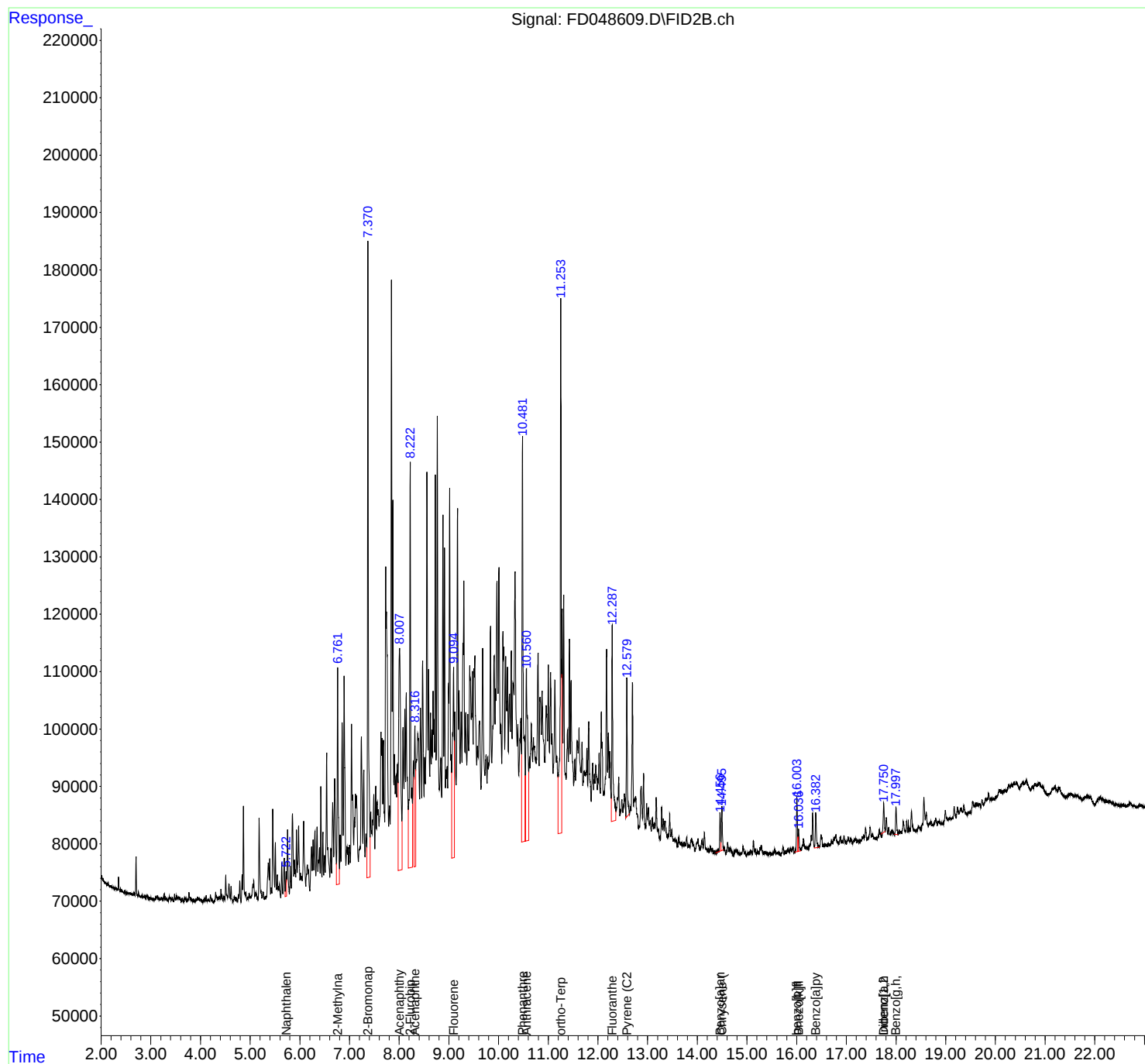
(m)=manual int.

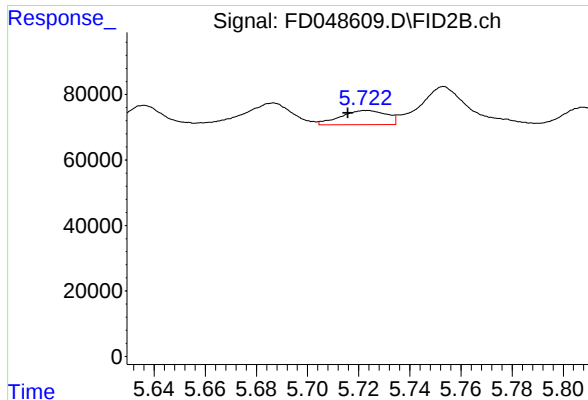
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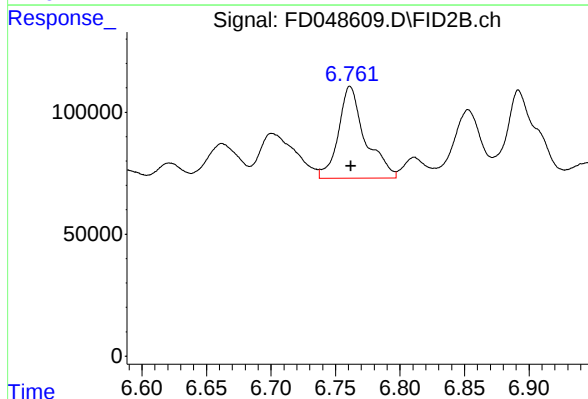




#2 Naphthalene (C11.7)

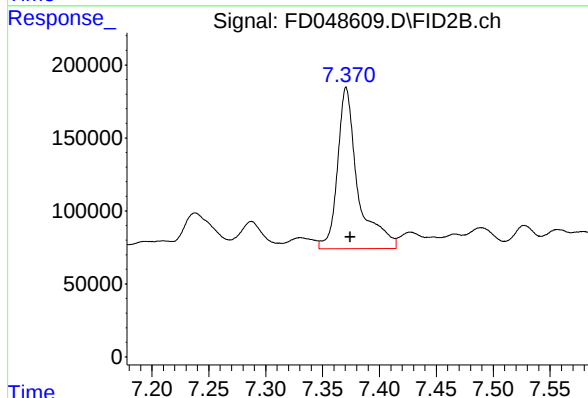
R.T.: 5.723 min
Delta R.T.: 0.007 min
Response: 53692
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



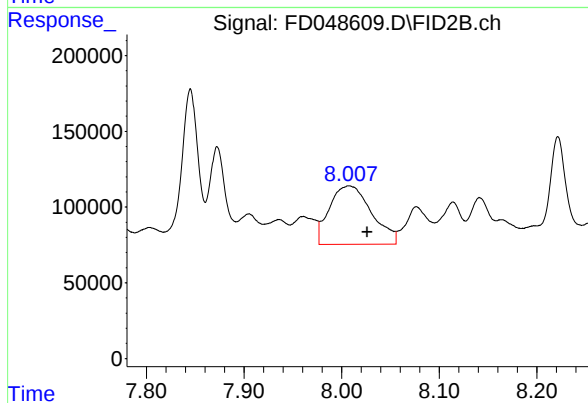
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 546818
Conc: 3.06 ug/ml



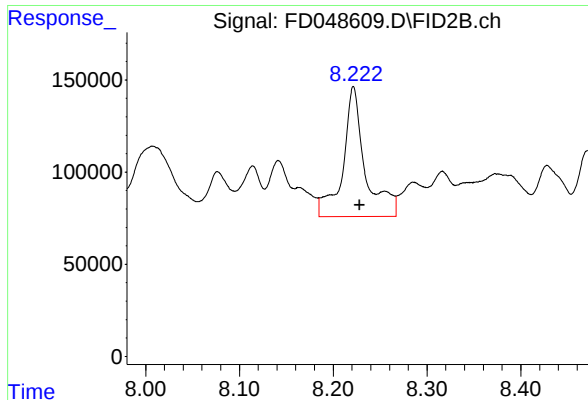
#4 2-Bromonaphthalene (SURR)

R.T.: 7.371 min
Delta R.T.: -0.004 min
Response: 1382803
Conc: 9.11 ug/ml



#5 Acenaphthylene (C15.06)

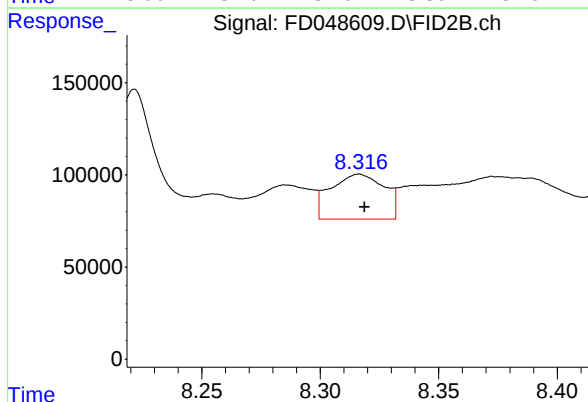
R.T.: 8.008 min
Delta R.T.: -0.019 min
Response: 1160722
Conc: 6.61 ug/ml



#6 2-Fluorobiphenyl (SURR)

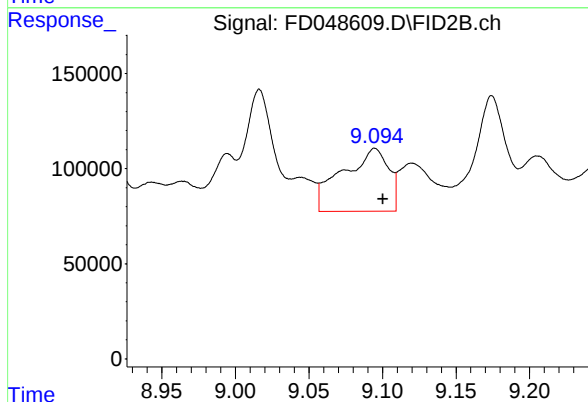
R.T.: 8.222 min
Delta R.T.: -0.007 min
Response: 1163277
Conc: 11.85 ug/ml

Instrument :
FID_D
ClientSampleId :



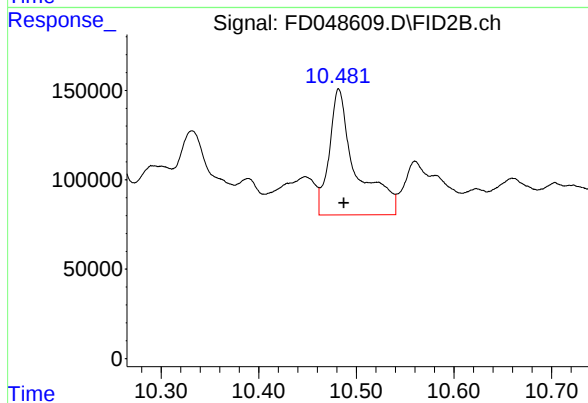
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 384913
Conc: 2.17 ug/ml



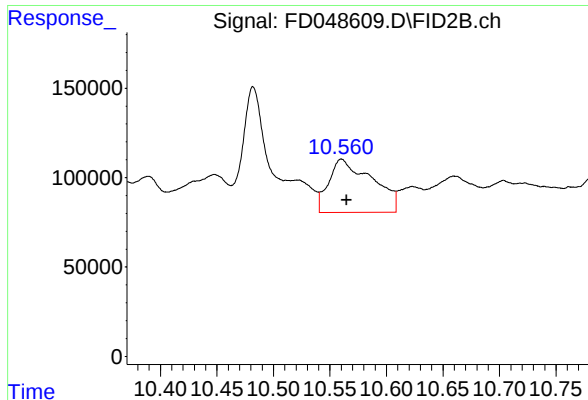
#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 724210
Conc: 4.28 ug/ml



#9 Phenanthrene (C19.36)

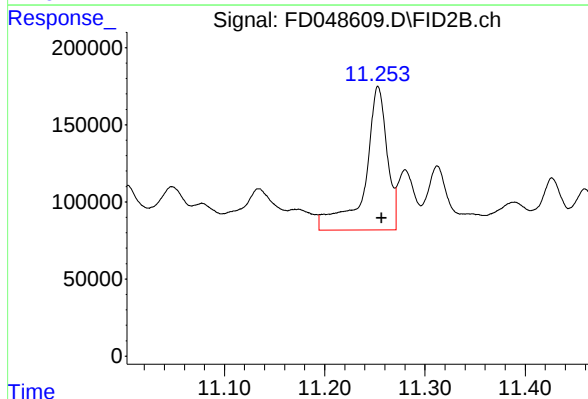
R.T.: 10.482 min
Delta R.T.: -0.005 min
Response: 1349636
Conc: 8.16 ug/ml



#10 Anthracene (C19.43)

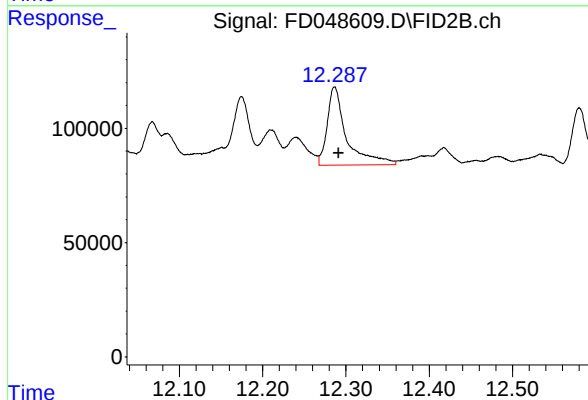
R.T.: 10.561 min
Delta R.T.: -0.004 min
Response: 802438
Conc: 5.02 ug/ml

Instrument :
FID_D
ClientSampleId :



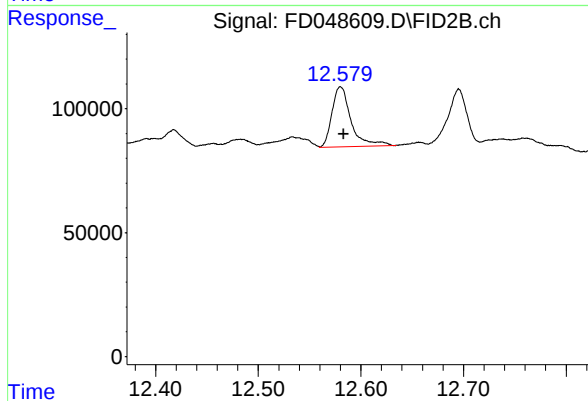
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.003 min
Response: 1443121
Conc: 8.47 ug/ml



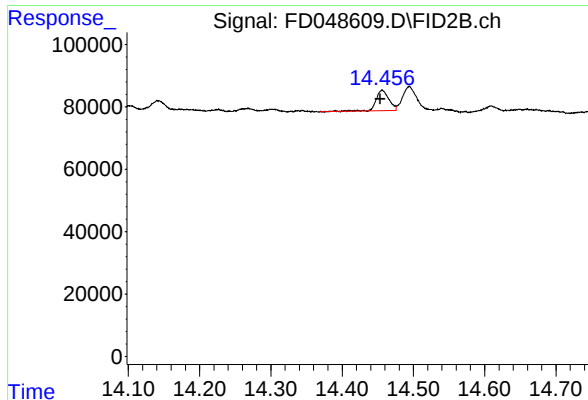
#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: -0.005 min
Response: 554198
Conc: 3.37 ug/ml



#13 Pyrene (C20.8)

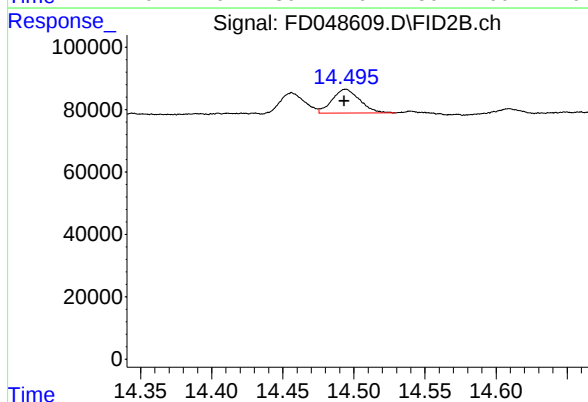
R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 310548
Conc: 1.93 ug/ml



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

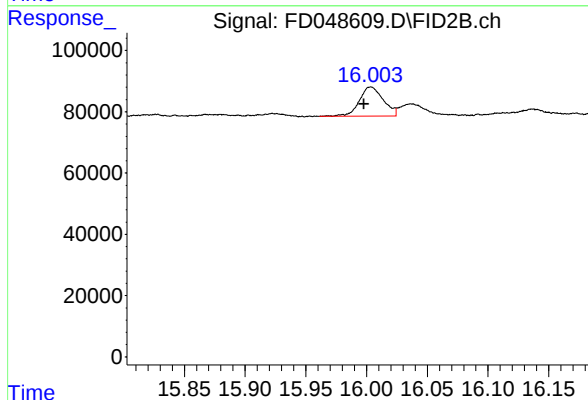
R.T.: 14.456 min
Delta R.T.: 0.003 min
Response: 84086
Conc: 0.58 ug/ml

Instrument :
FID_D
ClientSampleId :



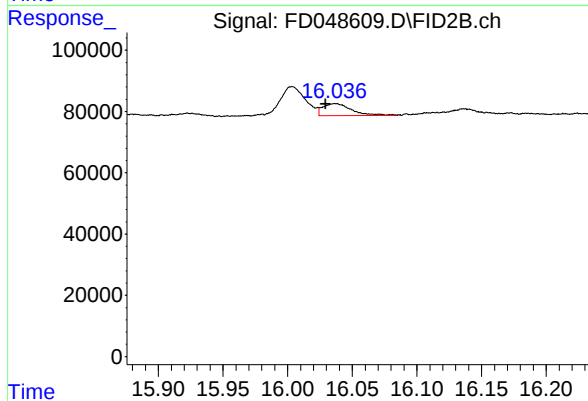
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 103169
Conc: 0.63 ug/ml



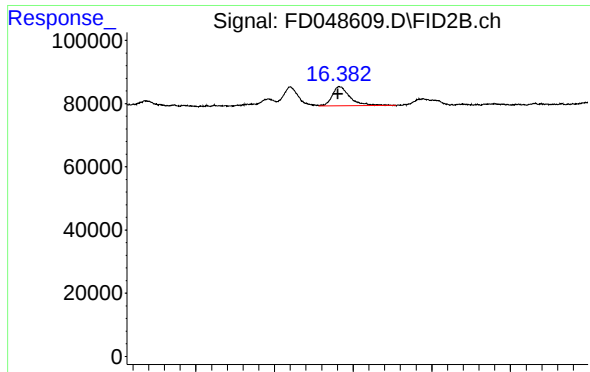
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.004 min
Delta R.T.: 0.006 min
Response: 129598
Conc: 0.85 ug/ml



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

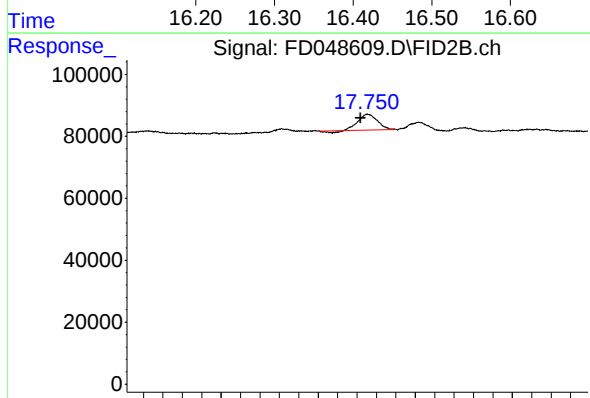
R.T.: 16.037 min
Delta R.T.: 0.007 min
Response: 59500
Conc: 0.40 ug/ml



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

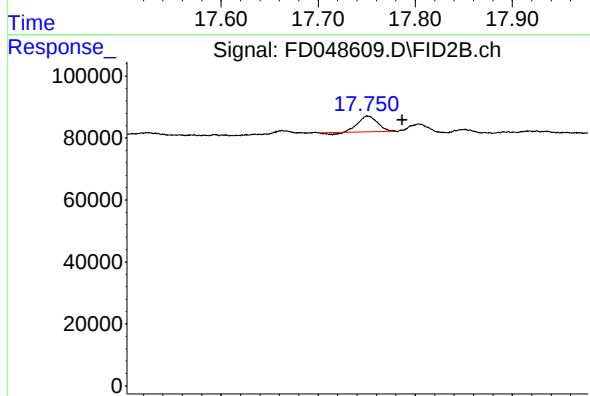
R.T.: 16.383 min
Delta R.T.: 0.002 min
Response: 95792
Conc: 0.64 ug/ml

Instrument :
FID_D
ClientSampleId :



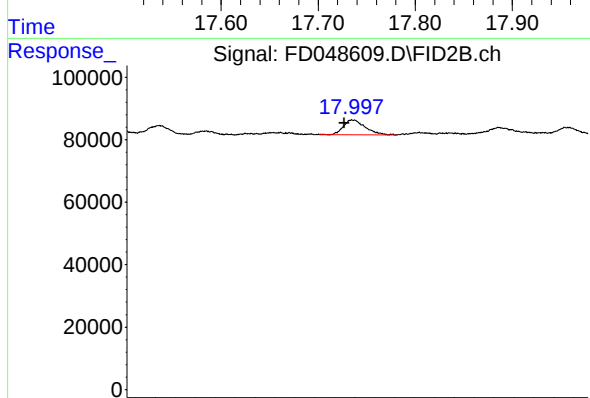
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: 0.008 min
Response: 67641
Conc: 0.52 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.035 min
Response: 67641
Conc: 0.42 ug/ml



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

R.T.: 17.998 min
Delta R.T.: 0.009 min
Response: 71495
Conc: 0.47 ug/ml