

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020725AR\
 Data File : FD049060.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 16:09
 Operator : YP/AJ
 Sample : Q1308-12
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 07 23:59:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 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...	7.370	11726825	82.396 ug/ml
Spiked Amount 50.000		Recovery =	164.79%
6) S 2-Fluorobiphenyl (SURR)	8.195	1440827	16.933 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.87%
11) S ortho-Terphenyl (SURR)	11.257	12283539	74.694 ug/ml
Spiked Amount 50.000		Recovery =	149.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	207497	1.346 ug/ml
2) T Naphthalene (C11.7)	5.702	2177996	13.933 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	17266750	111.305 ug/ml
5) T Acenaphthylene (C15.06)	8.021	21996546	134.500 ug/ml
7) T Acenaphthene (C15.5)	8.316	2311589	13.762 ug/ml
8) T Flouorene (C16.55)	9.073	1517794	9.703 ug/ml
9) T Phenanthrene (C19.36)	10.485	10675414	70.094 ug/ml
10) T Anthracene (C19.43)	10.558	1759306	11.550 ug/ml
12) T Fluoranthene (C21.85)	12.285	3223142	20.491 ug/ml
13) T Pyrene (C20.8)	12.576	2081435	13.213 ug/ml
14) T Benzo[a]anthracene (C...	14.447	166118	1.291 ug/ml
15) T Chrysene (C27.41)	14.484	223583	1.322 ug/ml
16) T benzo[b]fluoranthene ...	15.995	191621	1.402 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	191621	1.183 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	160276	1.152 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	153686	1.474 ug/ml
20) T Dibenz[a,h]anthracene...	17.745	153686	1.077 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	103560	0.726 ug/ml

(f)=RT Delta > 1/2 Window

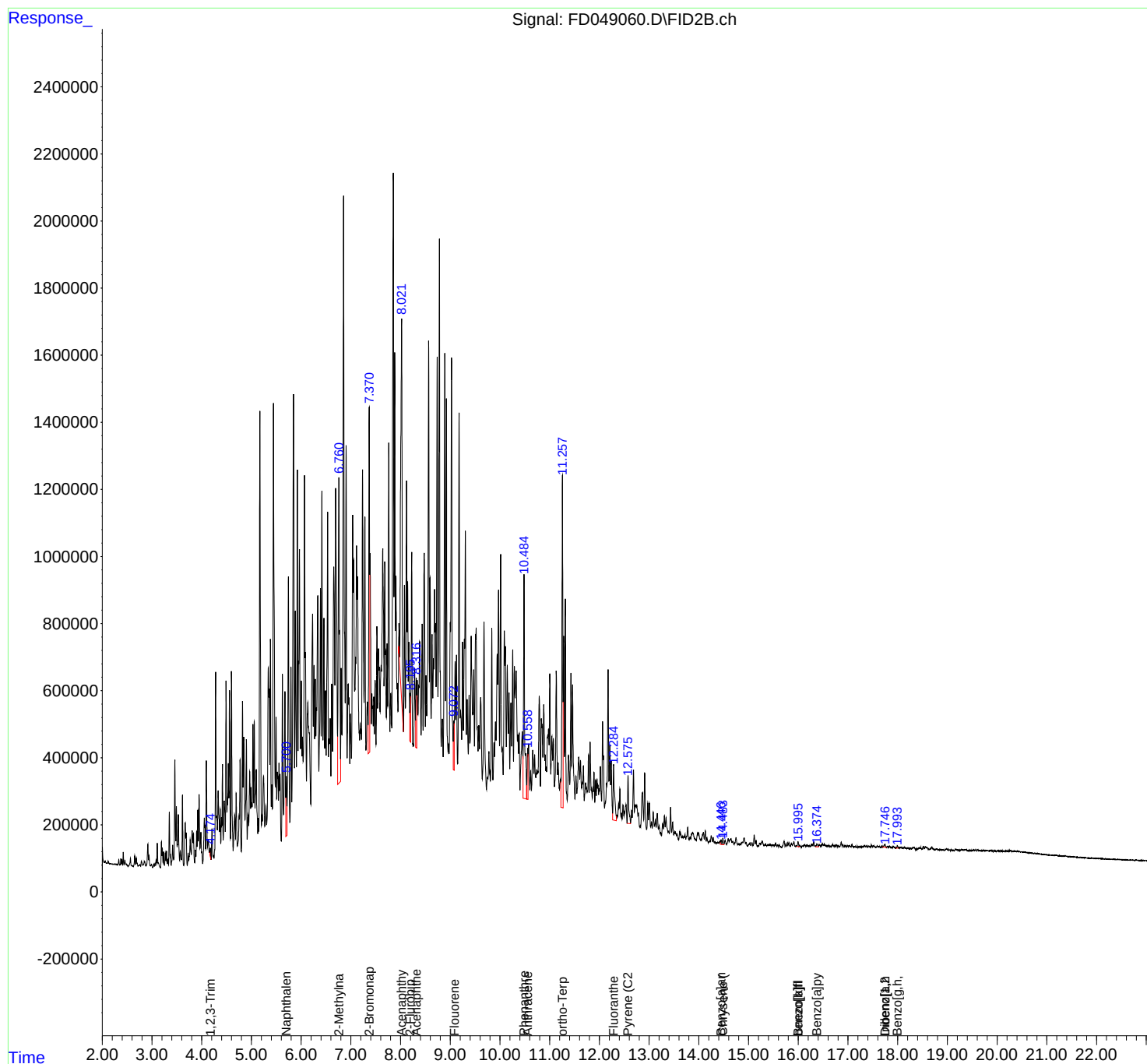
(m)=manual int.

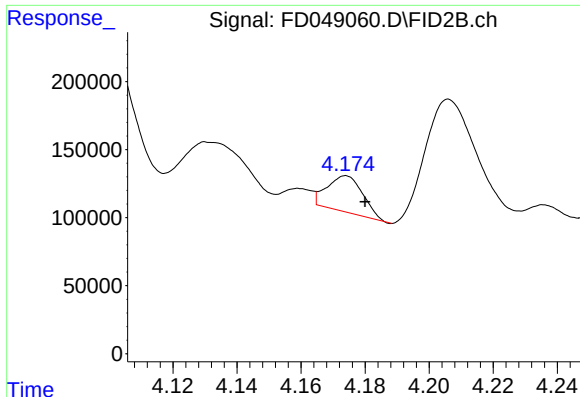
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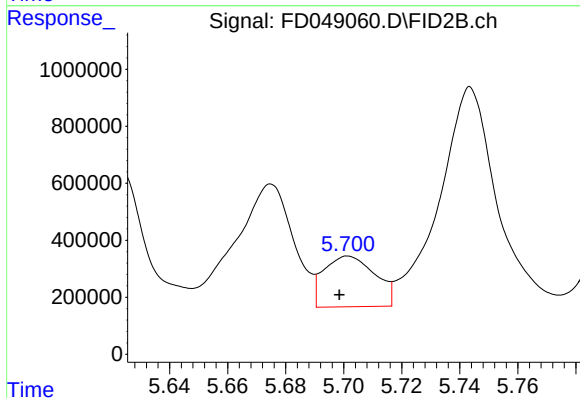




#1 1,2,3-Trimethylbenzene (C10.1)

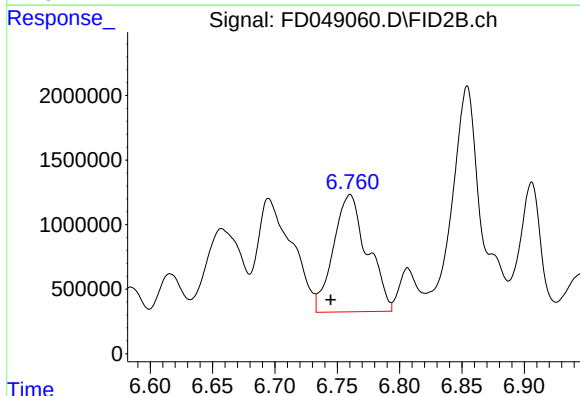
R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 207497
Conc: 1.35 ug/ml

Instrument :
FID_D
ClientSampleId :



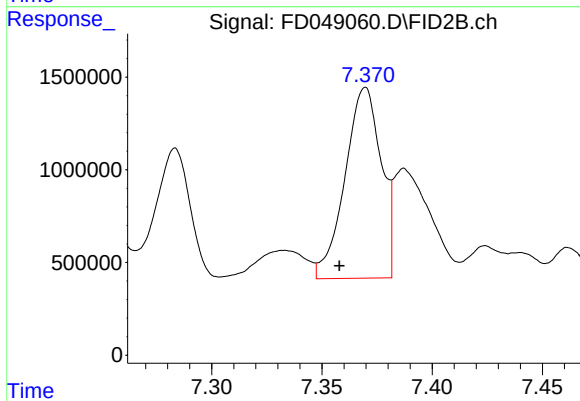
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.003 min
Response: 2177996
Conc: 13.93 ug/ml



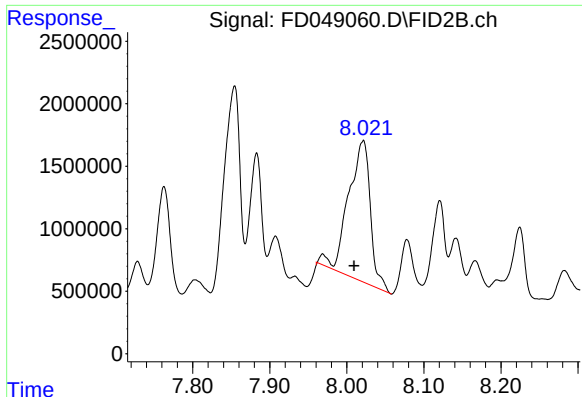
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: 0.015 min
Response: 17266750
Conc: 111.31 ug/ml



#4 2-Bromonaphthalene (SURR)

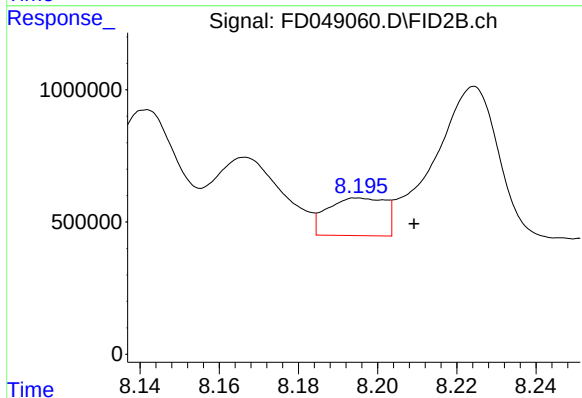
R.T.: 7.370 min
Delta R.T.: 0.012 min
Response: 11726825
Conc: 82.40 ug/ml



#5 Acenaphthylene (C15.06)

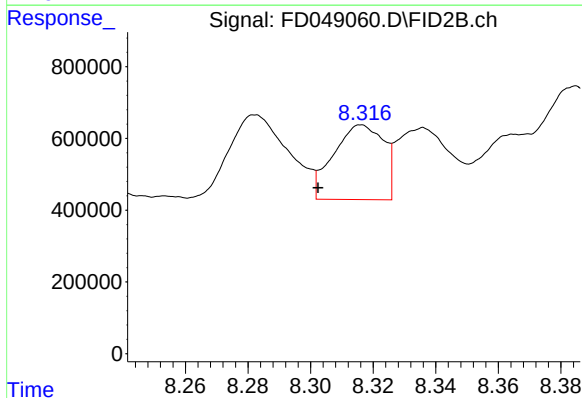
R.T.: 8.021 min
Delta R.T.: 0.012 min
Response: 21996546
Conc: 134.50 ug/ml

Instrument :
FID_D
ClientSampleId :



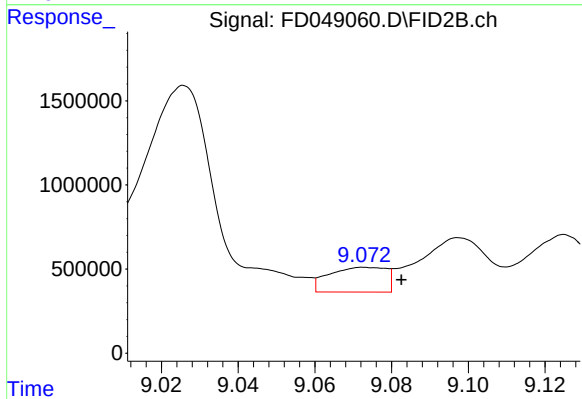
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.195 min
Delta R.T.: -0.014 min
Response: 1440827
Conc: 16.93 ug/ml



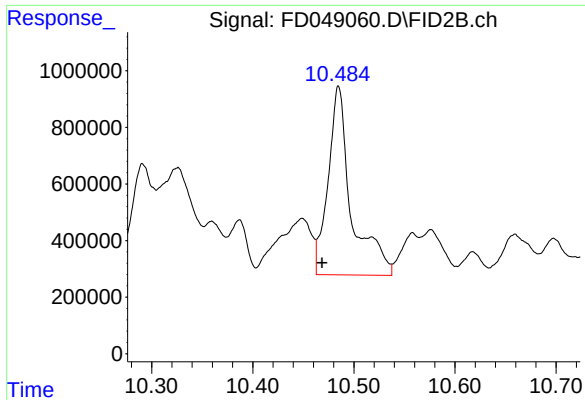
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: 0.014 min
Response: 2311589
Conc: 13.76 ug/ml



#8 Fluorene (C16.55)

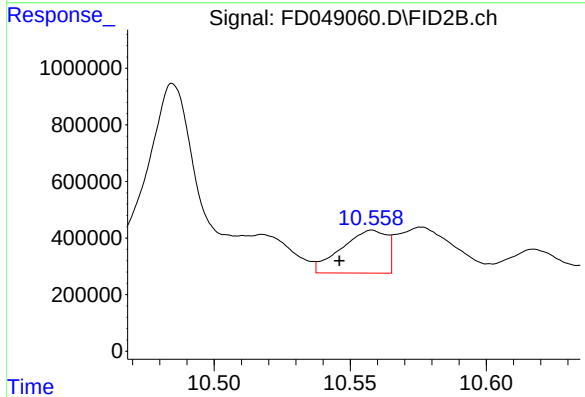
R.T.: 9.073 min
Delta R.T.: -0.009 min
Response: 1517794
Conc: 9.70 ug/ml



#9 Phenanthrene (C19.36)

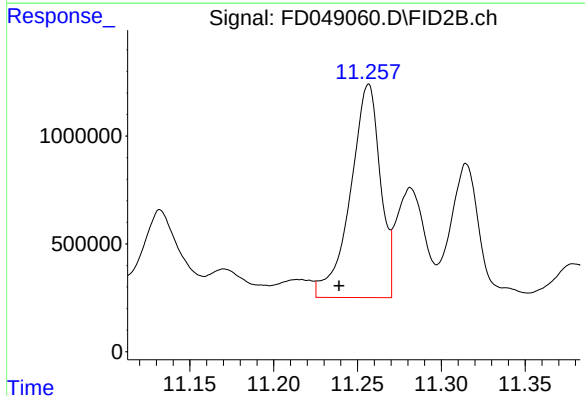
R.T.: 10.485 min
Delta R.T.: 0.016 min
Response: 10675414
Conc: 70.09 ug/ml

Instrument :
FID_D
ClientSampleId :



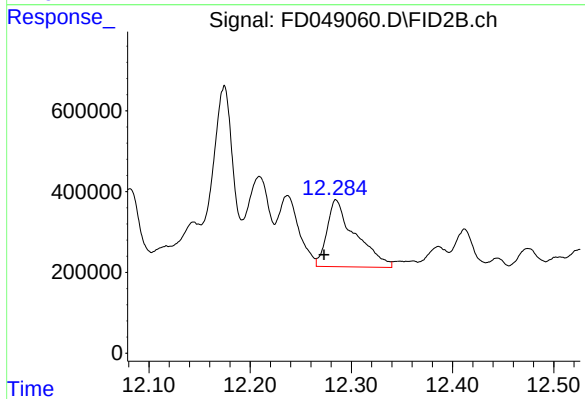
#10 Anthracene (C19.43)

R.T.: 10.558 min
Delta R.T.: 0.012 min
Response: 1759306
Conc: 11.55 ug/ml



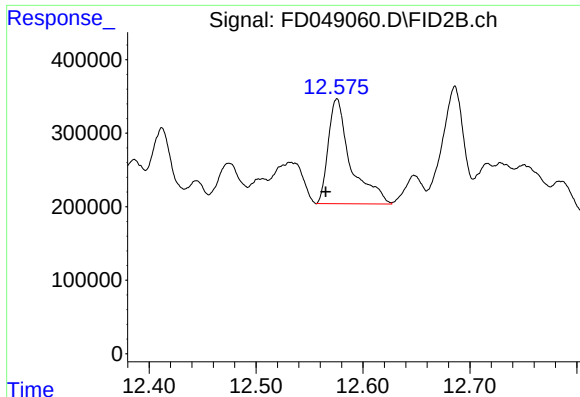
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.017 min
Response: 12283539
Conc: 74.69 ug/ml



#12 Fluoranthene (C21.85)

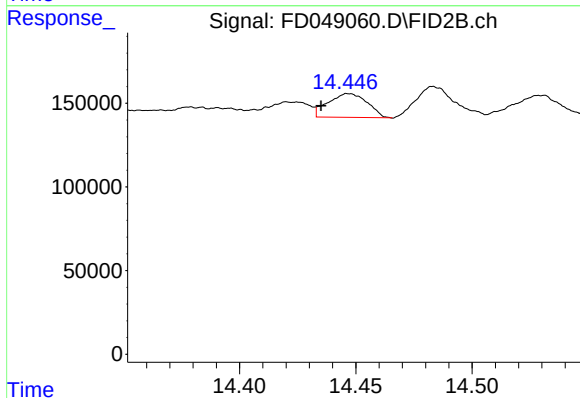
R.T.: 12.285 min
Delta R.T.: 0.012 min
Response: 3223142
Conc: 20.49 ug/ml



#13 Pyrene (C20.8)

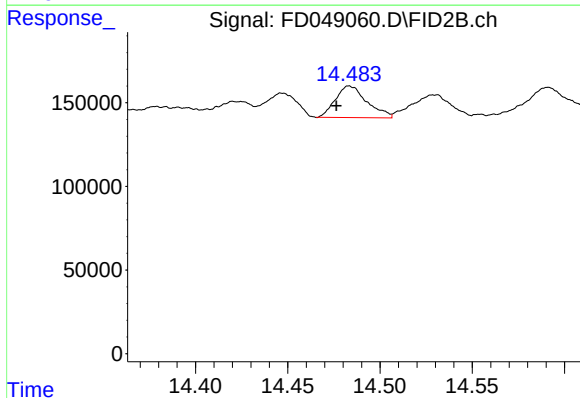
R.T.: 12.576 min
Delta R.T.: 0.010 min
Response: 2081435
Conc: 13.21 ug/ml

Instrument :
FID_D
ClientSampleId :



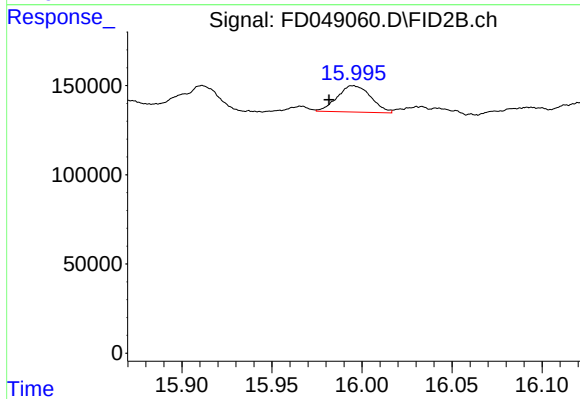
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: 0.012 min
Response: 166118
Conc: 1.29 ug/ml



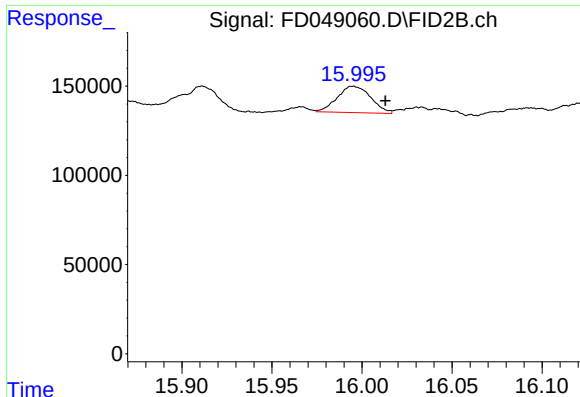
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: 0.007 min
Response: 223583
Conc: 1.32 ug/ml



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

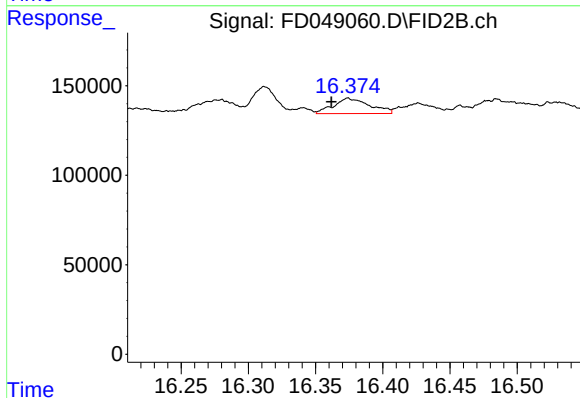
R.T.: 15.995 min
Delta R.T.: 0.013 min
Response: 191621
Conc: 1.40 ug/ml



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

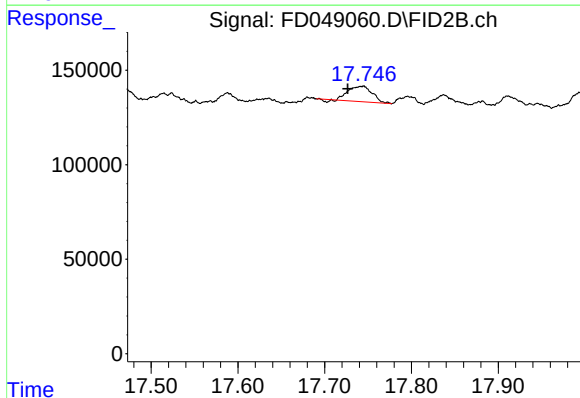
R.T.: 15.995 min
Delta R.T.: -0.018 min
Response: 191621
Conc: 1.18 ug/ml

Instrument :
FID_D
ClientSampleId :



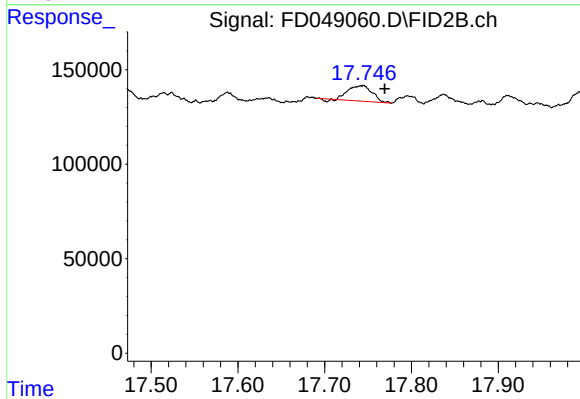
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.012 min
Response: 160276
Conc: 1.15 ug/ml



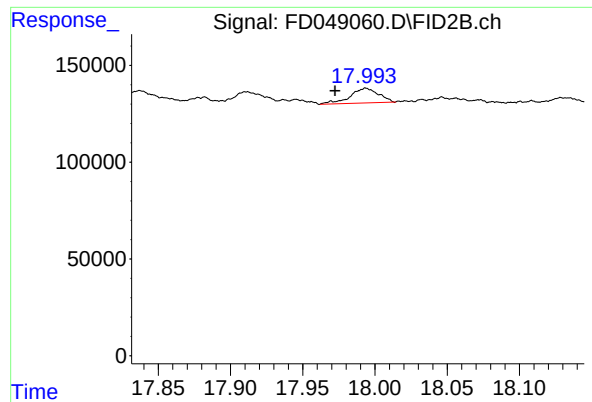
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.018 min
Response: 153686
Conc: 1.47 ug/ml



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

R.T.: 17.745 min
Delta R.T.: -0.025 min
Response: 153686
Conc: 1.08 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.021 min
Response: 103560
Conc: 0.73 ug/ml

Instrument :

FID_D

ClientSampleId :