

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048164.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 18:17
 Operator : YP/AJ
 Sample : P3464-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:20:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.400	6221246	41.859 ug/ml
Spiked Amount 50.000		Recovery =	83.72%
6) S 2-Fluorobiphenyl (SURR)	8.250	3887033	41.072 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.14%
11) S ortho-Terphenyl (SURR)	11.291	9122077	54.519 ug/ml
Spiked Amount 50.000		Recovery =	109.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287f	40556	0.242 ug/ml
2) T Naphthalene (C11.7)	5.753	32348	0.187 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	85893	0.495 ug/ml
5) T Acenaphthylene (C15.06)	8.060	75811	0.442 ug/ml
7) T Acenaphthene (C15.5)	8.348	79336	0.457 ug/ml
8) T Flouorene (C16.55)	9.143	66081	0.407 ug/ml
9) T Phenanthrene (C19.36)	10.502	719403	4.530 ug/ml
10) T Anthracene (C19.43)	10.600	114429	0.725 ug/ml
12) T Fluoranthene (C21.85)	12.323	181904	1.149 ug/ml
13) T Pyrene (C20.8)	12.617	157570	0.996 ug/ml
14) T Benzo[a]anthracene (C...	14.489	91438	0.670 ug/ml
15) T Chrysene (C27.41)	14.533	293711	1.822 ug/ml
16) T benzo[b]fluoranthene ...	16.030	239384	1.663 ug/ml
17) T Bnezo[k]fluoranthene ...	16.068	102571	0.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	721890	6.401 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	220481	1.517 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	100290	0.681 ug/ml

(f)=RT Delta > 1/2 Window

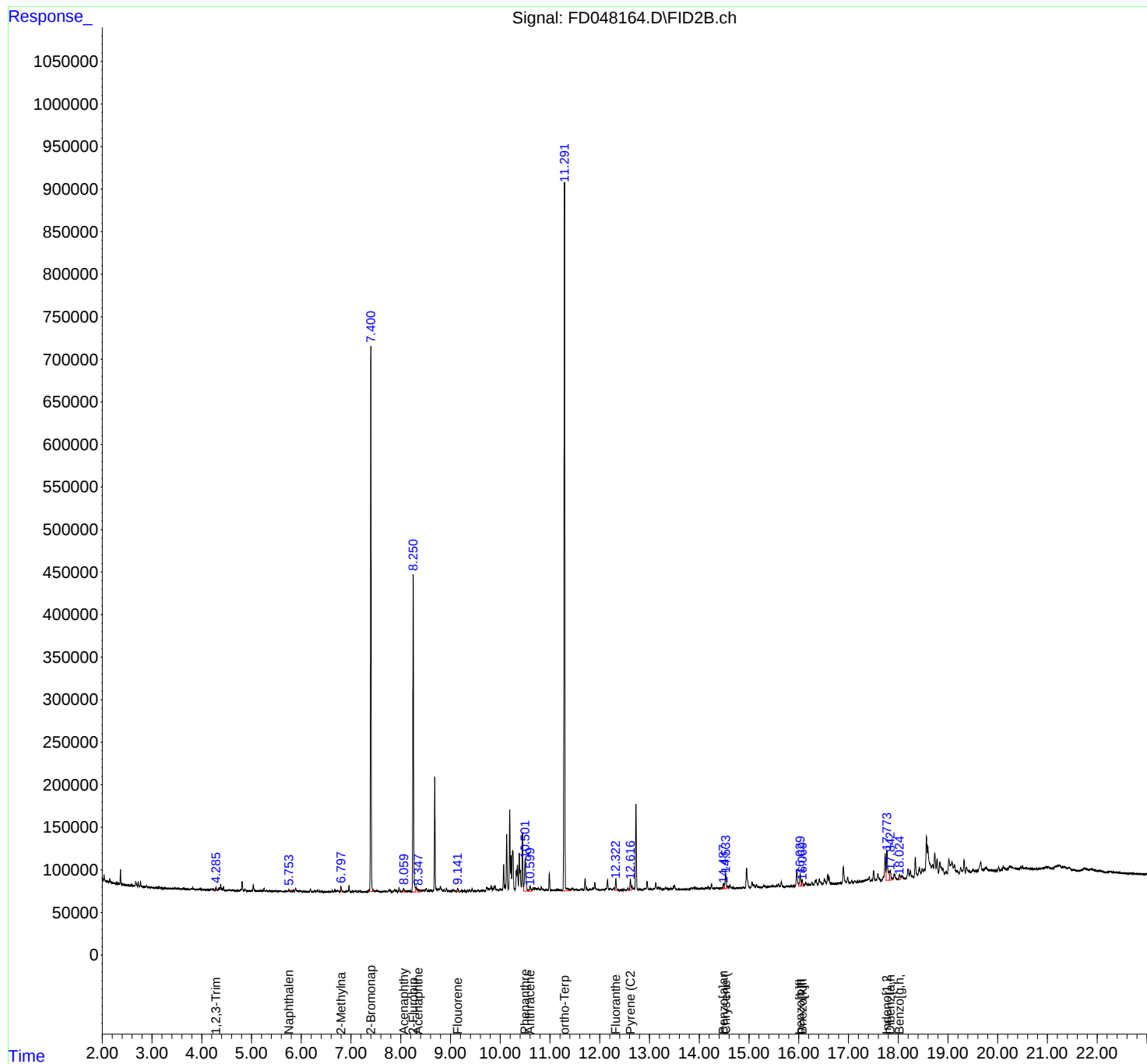
(m)=manual int.

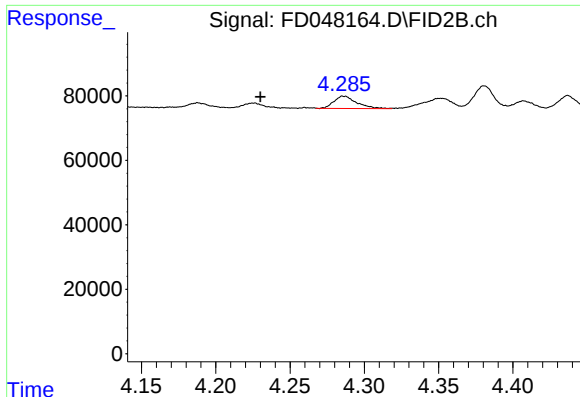
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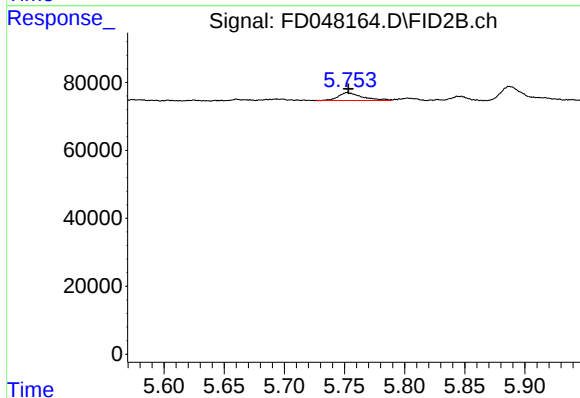




#1 1,2,3-Trimethylbenzene (C10.1)

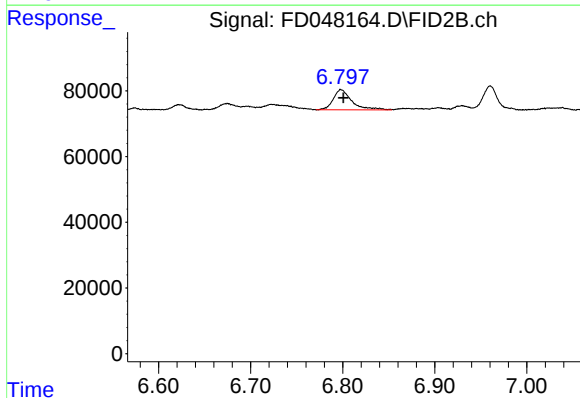
R.T.: 4.287 min
Delta R.T.: 0.057 min
Response: 40556
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



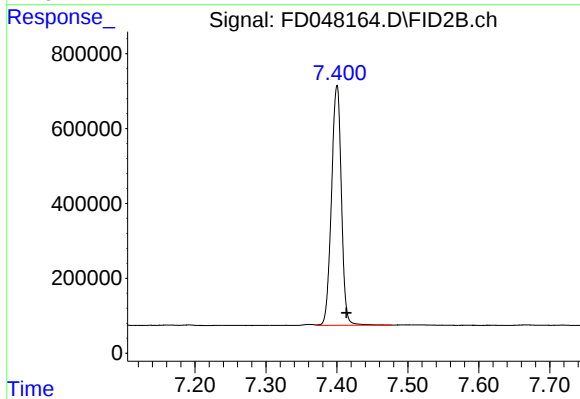
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 32348
Conc: 0.19 ug/ml



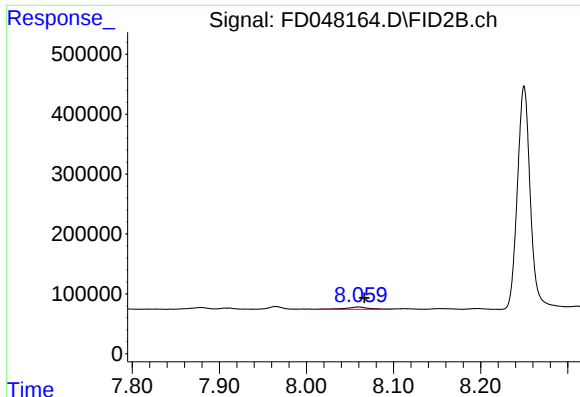
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.002 min
Response: 85893
Conc: 0.50 ug/ml



#4 2-Bromonaphthalene (SURR)

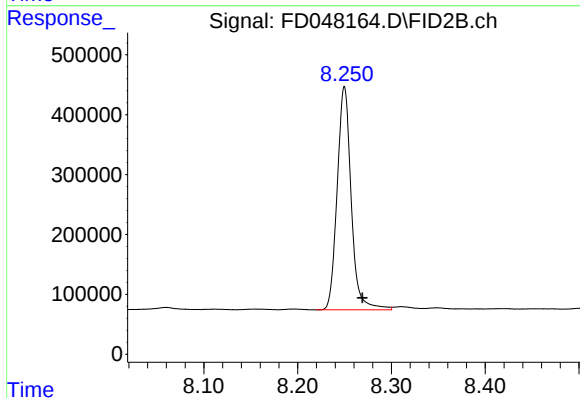
R.T.: 7.400 min
Delta R.T.: -0.013 min
Response: 6221246
Conc: 41.86 ug/ml



#5 Acenaphthylene (C15.06)

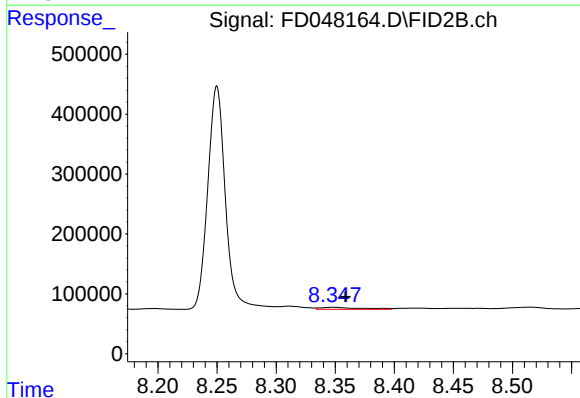
R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 75811
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



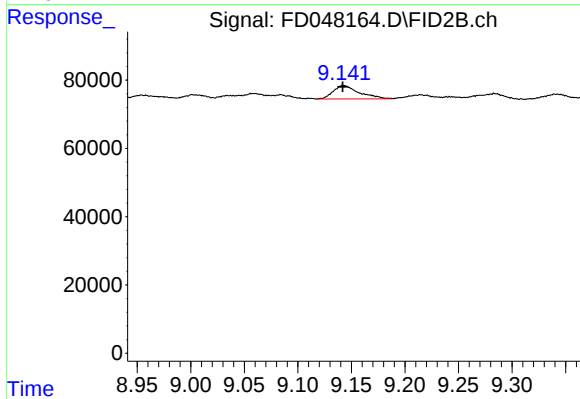
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.250 min
Delta R.T.: -0.019 min
Response: 3887033
Conc: 41.07 ug/ml



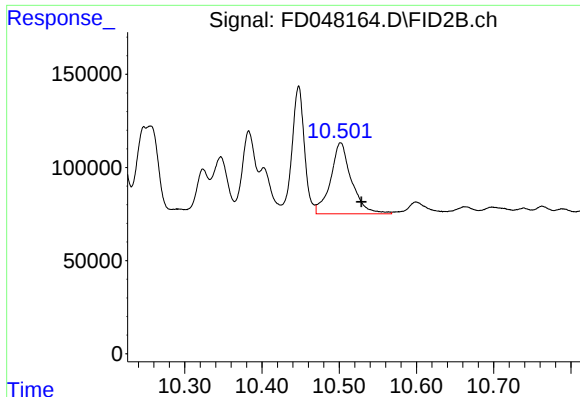
#7 Acenaphthene (C15.5)

R.T.: 8.348 min
Delta R.T.: -0.010 min
Response: 79336
Conc: 0.46 ug/ml



#8 Fluorene (C16.55)

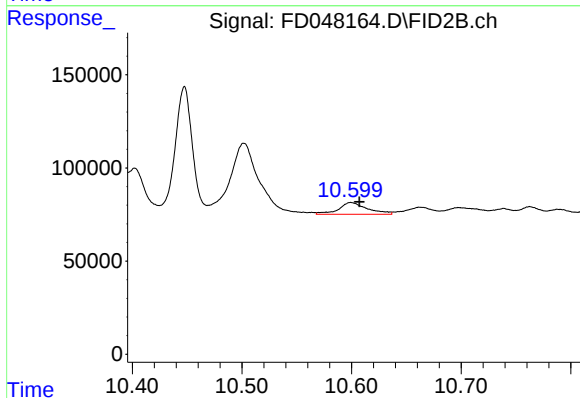
R.T.: 9.143 min
Delta R.T.: 0.001 min
Response: 66081
Conc: 0.41 ug/ml



#9 Phenanthrene (C19.36)

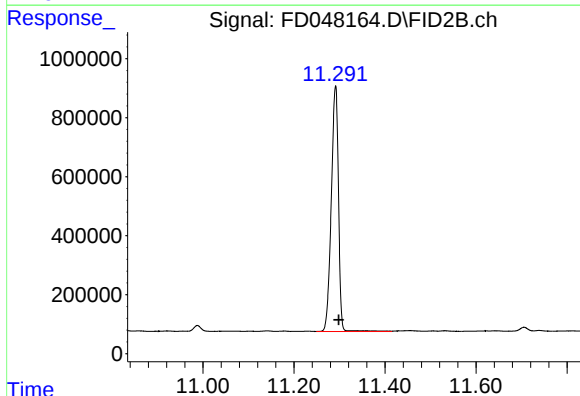
R.T.: 10.502 min
Delta R.T.: -0.027 min
Response: 719403
Conc: 4.53 ug/ml

Instrument :
FID_D
ClientSampleId :



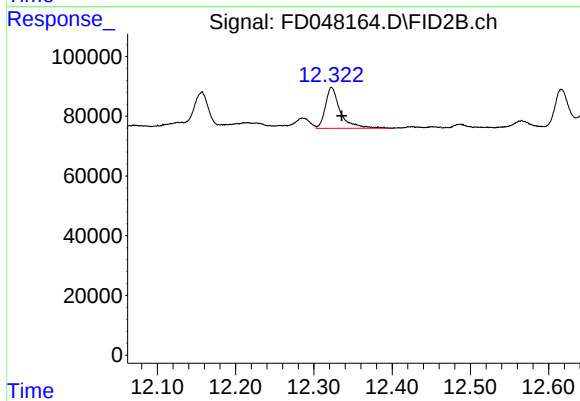
#10 Anthracene (C19.43)

R.T.: 10.600 min
Delta R.T.: -0.007 min
Response: 114429
Conc: 0.72 ug/ml



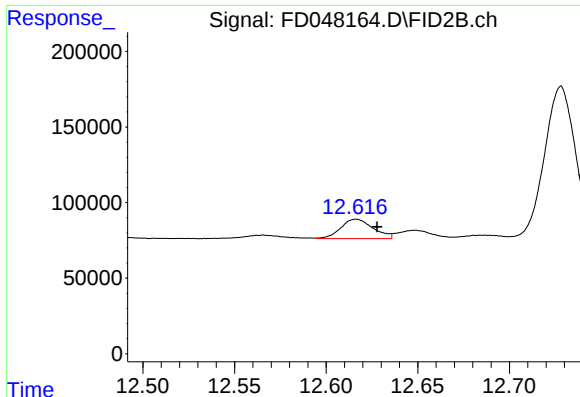
#11 ortho-Terphenyl (SURR)

R.T.: 11.291 min
Delta R.T.: -0.007 min
Response: 9122077
Conc: 54.52 ug/ml



#12 Fluoranthene (C21.85)

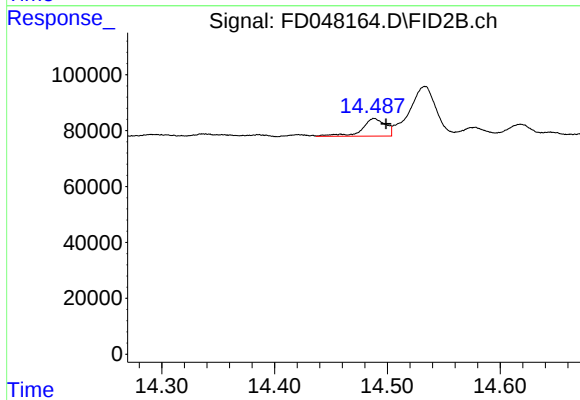
R.T.: 12.323 min
Delta R.T.: -0.013 min
Response: 181904
Conc: 1.15 ug/ml



#13 Pyrene (C20.8)

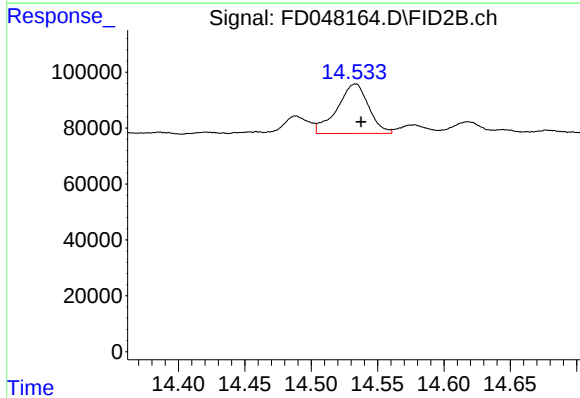
R.T.: 12.617 min
Delta R.T.: -0.011 min
Response: 157570
Conc: 1.00 ug/ml

Instrument :
FID_D
ClientSampleId :



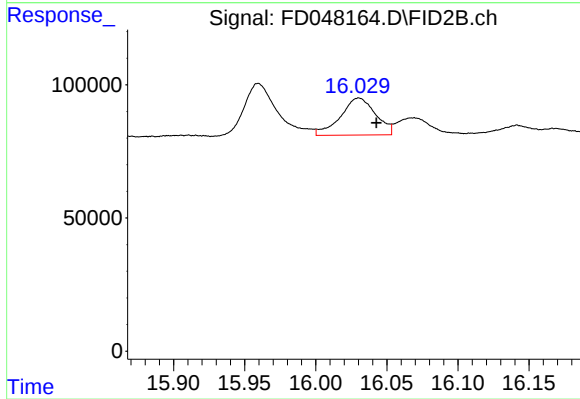
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.489 min
Delta R.T.: -0.010 min
Response: 91438
Conc: 0.67 ug/ml



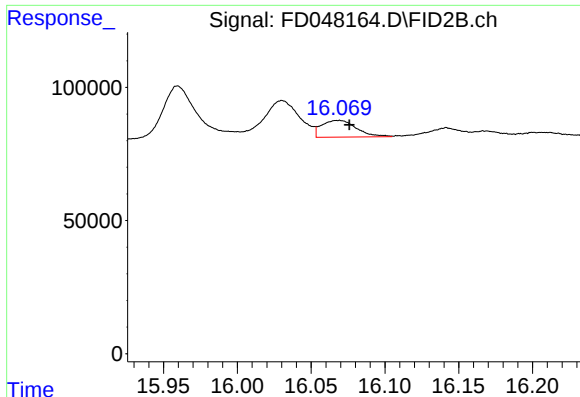
#15 Chrysene (C27.41)

R.T.: 14.533 min
Delta R.T.: -0.005 min
Response: 293711
Conc: 1.82 ug/ml



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

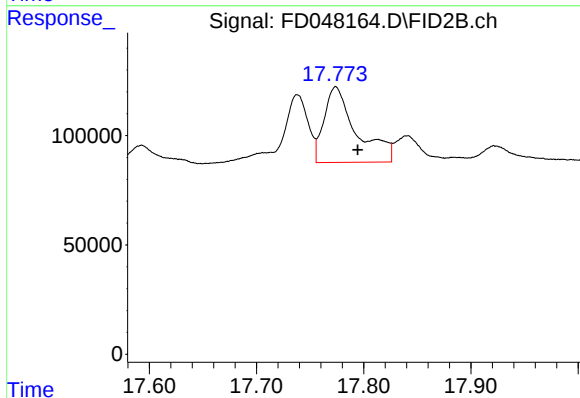
R.T.: 16.030 min
Delta R.T.: -0.012 min
Response: 239384
Conc: 1.66 ug/ml



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

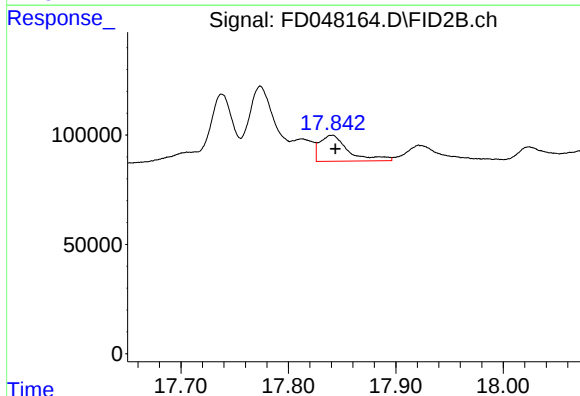
R.T.: 16.068 min
Delta R.T.: -0.007 min
Response: 102571
Conc: 0.69 ug/ml

Instrument :
FID_D
ClientSampleId :



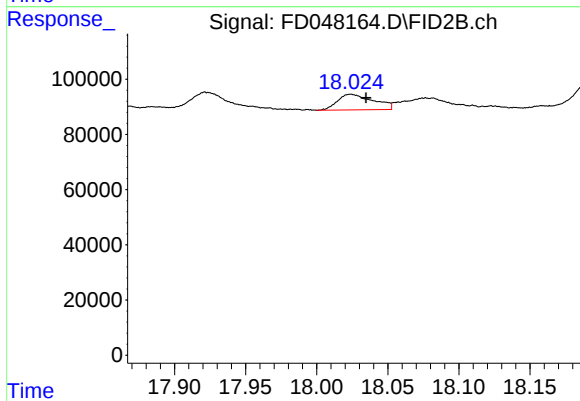
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.774 min
Delta R.T.: -0.021 min
Response: 721890
Conc: 6.40 ug/ml



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

R.T.: 17.840 min
Delta R.T.: -0.004 min
Response: 220481
Conc: 1.52 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.010 min
Response: 100290
Conc: 0.68 ug/ml