

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047278.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2024 19:06
 Operator : YP/AJ
 Sample : P1464-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 23 03:45:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.467	8409953	55.241 ug/ml
Spiked Amount 50.000		Recovery =	110.48%
6) S 2-Fluorobiphenyl (SURR)	8.319	5446478	53.883 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.77%
11) S ortho-Terphenyl (SURR)	11.356	6372908	36.134 ug/ml
Spiked Amount 50.000		Recovery =	72.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	21314	0.135 ug/ml
2) T Naphthalene (C11.7)	5.805	113404	0.682 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	752410	4.462 ug/ml
5) T Acenaphthylene (C15.06)	8.092	857844	5.574 ug/ml
7) T Acenaphthene (C15.5)	8.412	184972	1.122 ug/ml
8) T Flouorene (C16.55)	9.190	144628	0.912 ug/ml
9) T Phenanthrene (C19.36)	10.580	334200	2.151 ug/ml
10) T Anthracene (C19.43)	10.657	193613	1.313 ug/ml
12) T Fluoranthene (C21.85)	12.383	629602	4.066 ug/ml
13) T Pyrene (C20.8)	12.677	458166	3.046 ug/ml
14) T Benzo[a]anthracene (C...	14.541	194083	1.444 ug/ml
15) T Chrysene (C27.41)	14.581	211099	1.442 ug/ml
16) T benzo[b]fluoranthene ...	16.084	238495	1.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.112	80504	0.580 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	346957	2.748 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	346957	2.604 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	125061	0.943 ug/ml

(f)=RT Delta > 1/2 Window

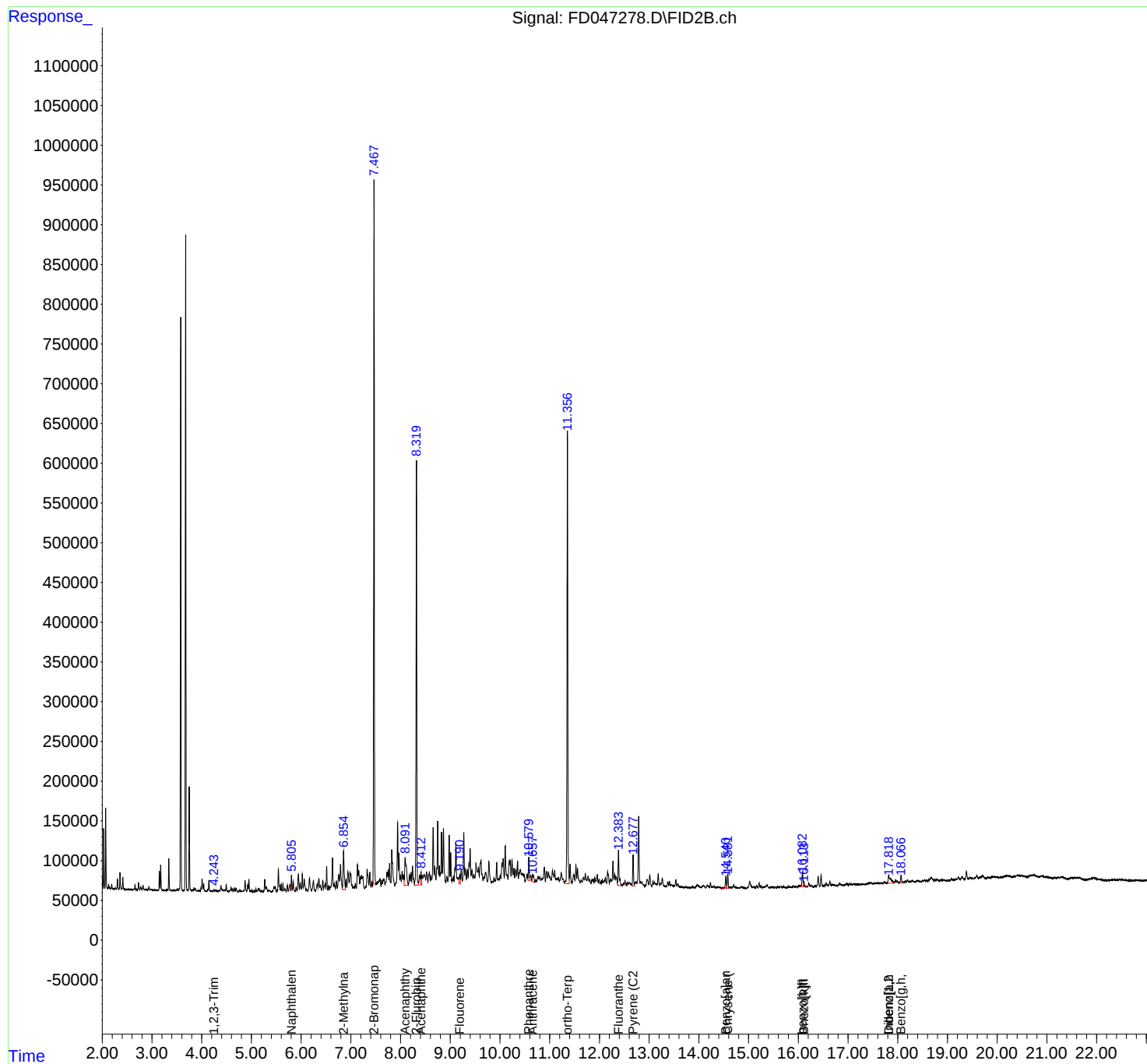
(m)=manual int.

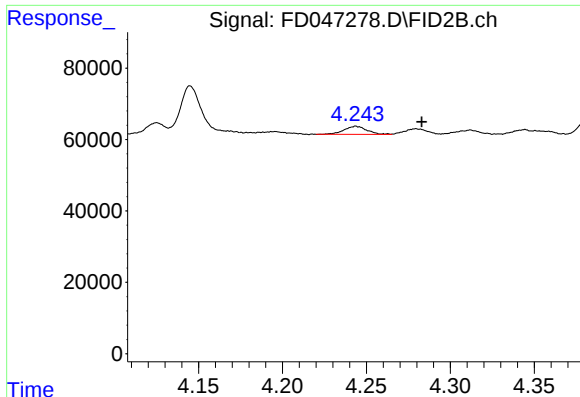
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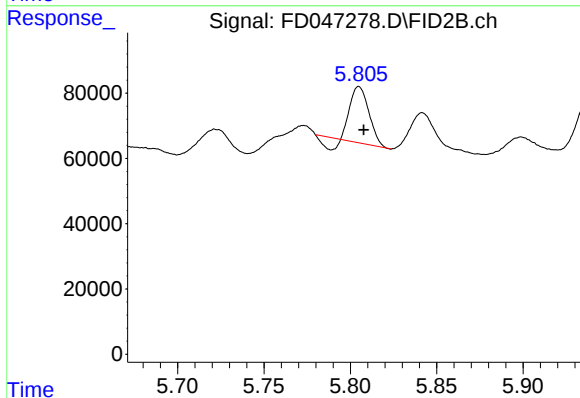




#1 1,2,3-Trimethylbenzene (C10.1)

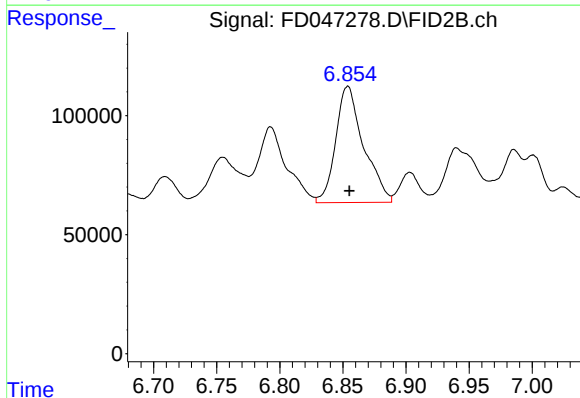
R.T.: 4.244 min
Delta R.T.: -0.039 min
Response: 21314
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



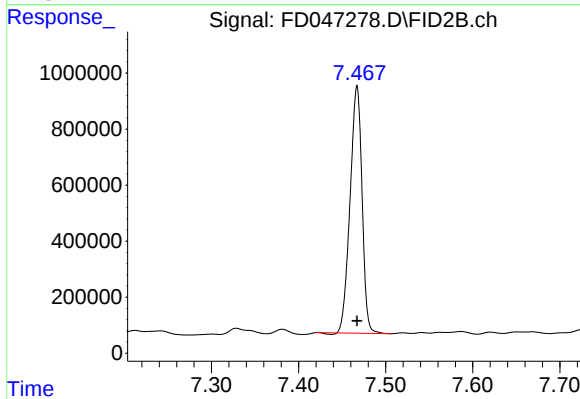
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 113404
Conc: 0.68 ug/ml



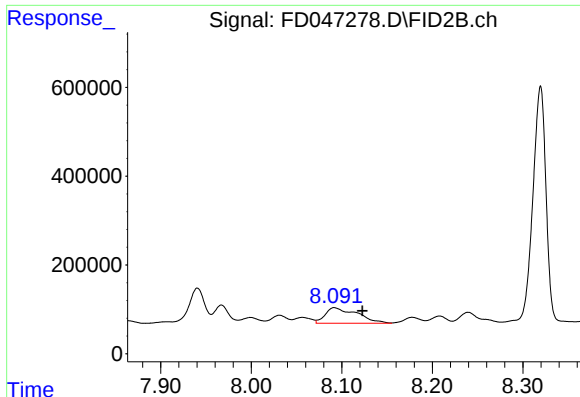
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 752410
Conc: 4.46 ug/ml



#4 2-Bromonaphthalene (SURR)

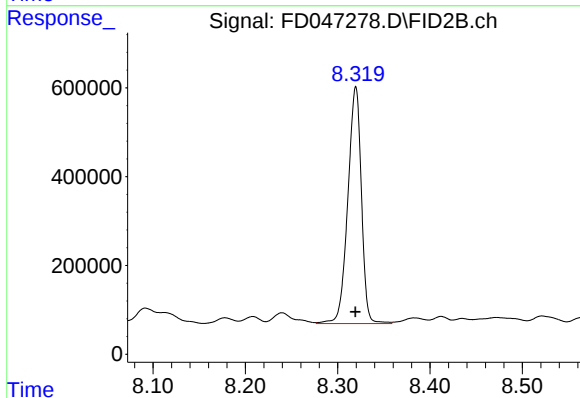
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 8409953
Conc: 55.24 ug/ml



#5 Acenaphthylene (C15.06)

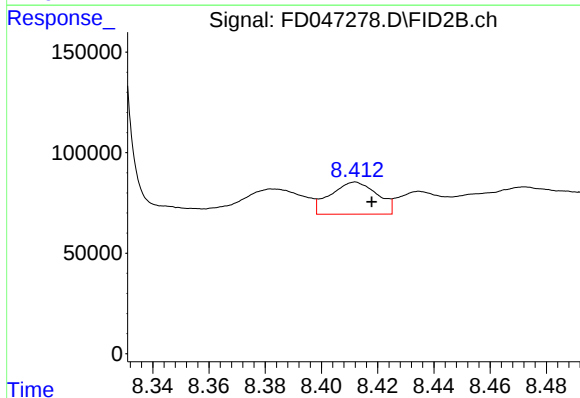
R.T.: 8.092 min
Delta R.T.: -0.031 min
Response: 857844
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :



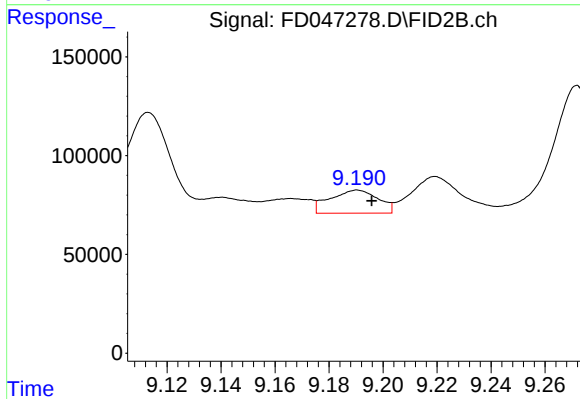
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5446478
Conc: 53.88 ug/ml



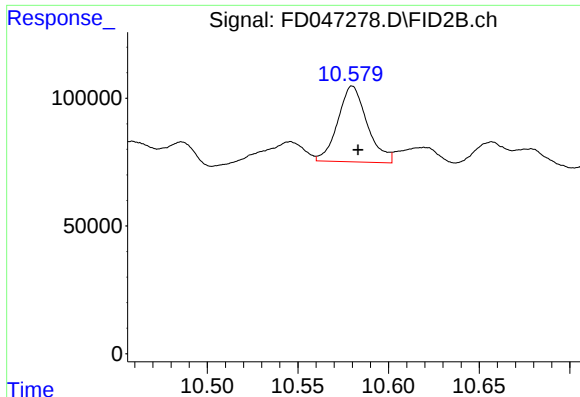
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 184972
Conc: 1.12 ug/ml



#8 Flouorene (C16.55)

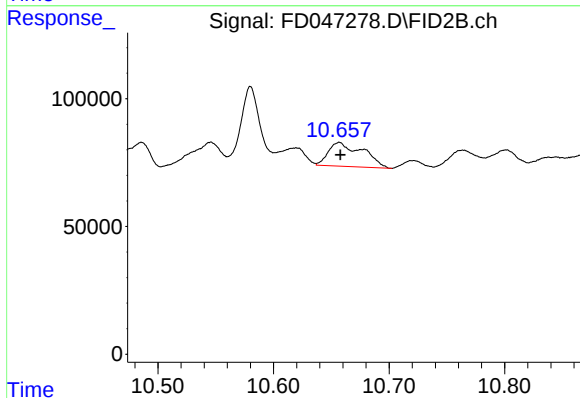
R.T.: 9.190 min
Delta R.T.: -0.005 min
Response: 144628
Conc: 0.91 ug/ml



#9 Phenanthrene (C19.36)

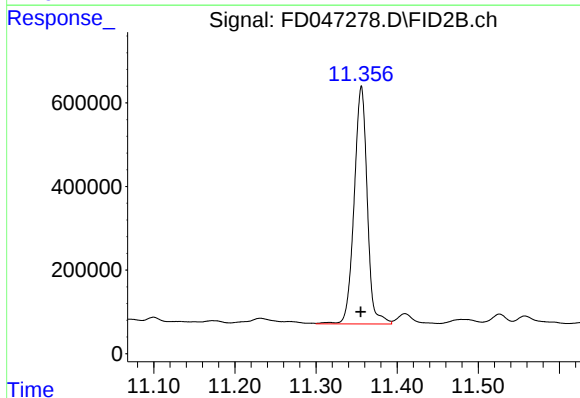
R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 334200
Conc: 2.15 ug/ml

Instrument :
FID_D
ClientSampleId :



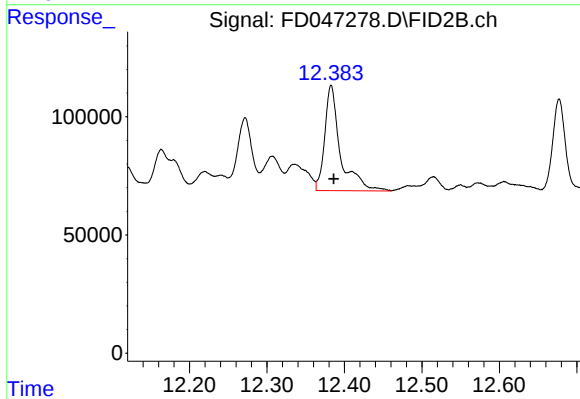
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: -0.001 min
Response: 193613
Conc: 1.31 ug/ml



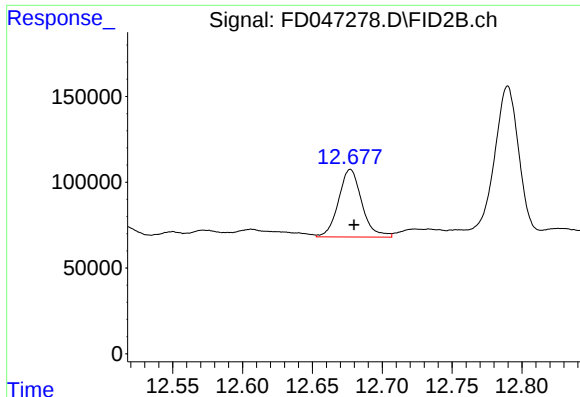
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 6372908
Conc: 36.13 ug/ml



#12 Fluoranthene (C21.85)

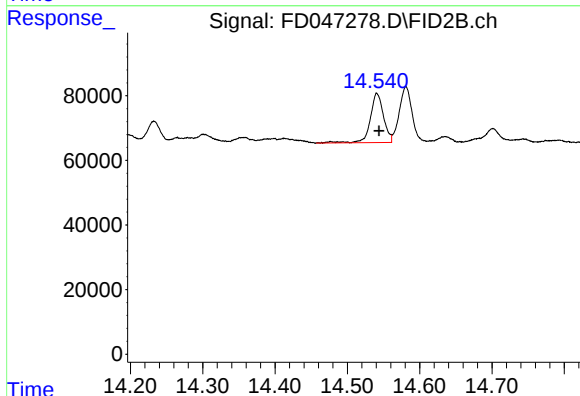
R.T.: 12.383 min
Delta R.T.: -0.003 min
Response: 629602
Conc: 4.07 ug/ml



#13 Pyrene (C20.8)

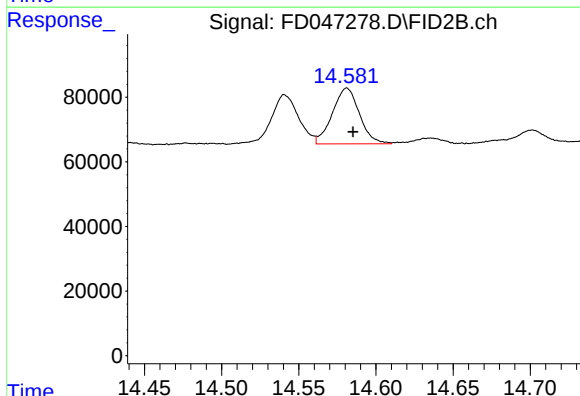
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 458166
Conc: 3.05 ug/ml

Instrument :
FID_D
ClientSampleId :



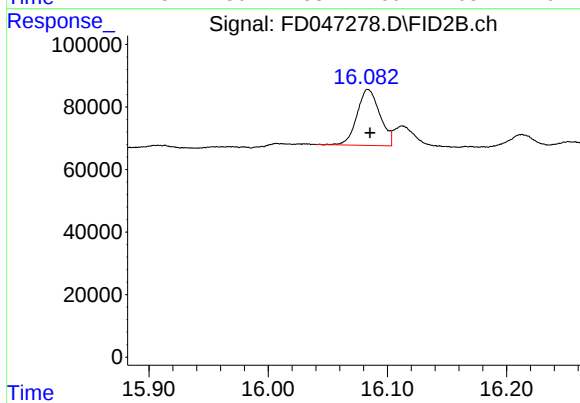
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.003 min
Response: 194083
Conc: 1.44 ug/ml



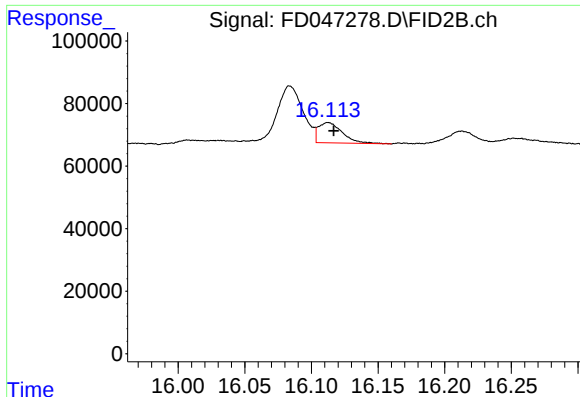
#15 Chrysene (C27.41)

R.T.: 14.581 min
Delta R.T.: -0.004 min
Response: 211099
Conc: 1.44 ug/ml



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

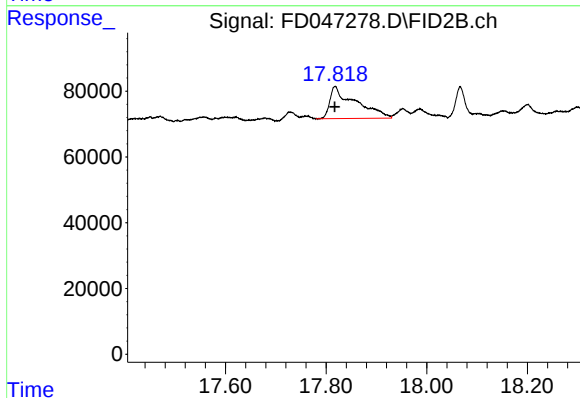
R.T.: 16.084 min
Delta R.T.: -0.002 min
Response: 238495
Conc: 1.73 ug/ml



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

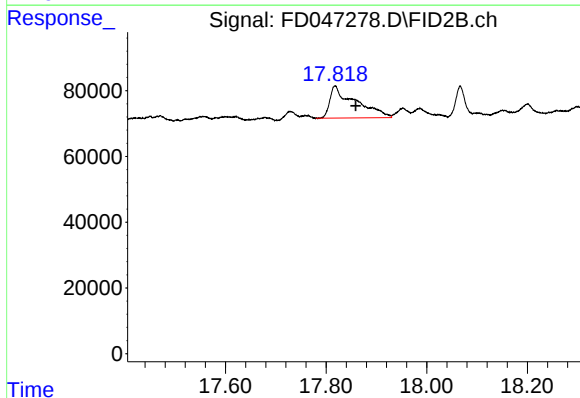
R.T.: 16.112 min
Delta R.T.: -0.004 min
Response: 80504
Conc: 0.58 ug/ml

Instrument :
FID_D
ClientSampleId :



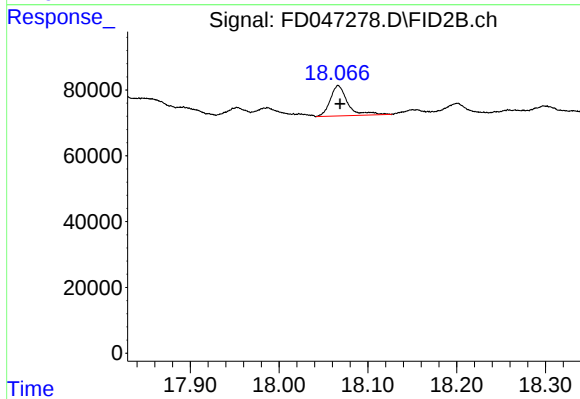
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: 0.000 min
Response: 346957
Conc: 2.75 ug/ml



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

R.T.: 17.818 min
Delta R.T.: -0.041 min
Response: 346957
Conc: 2.60 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.002 min
Response: 125061
Conc: 0.94 ug/ml