

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047137.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 14:24
 Operator : YP/AJ
 Sample : P1117-09D
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:34:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.470	7071183	45.972 ug/ml
Spiked Amount 50.000		Recovery =	91.94%
6) S 2-Fluorobiphenyl (SURR)	8.322	4159661	40.716 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.43%
11) S ortho-Terphenyl (SURR)	11.362	8144809	45.713 ug/ml
Spiked Amount 50.000		Recovery =	91.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.249	21513	0.138 ug/ml
2) T Naphthalene (C11.7)	5.814	27559	0.165 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	89987	0.531 ug/ml
5) T Acenaphthylene (C15.06)	8.092	22836	0.147 ug/ml
7) T Acenaphthene (C15.5)	8.383	54053	0.327 ug/ml
8) T Flouorene (C16.55)	9.212	35353	0.222 ug/ml
9) T Phenanthrene (C19.36)	10.591	55042	0.348 ug/ml
10) T Anthracene (C19.43)	10.591	55042	0.359 ug/ml
12) T Fluoranthene (C21.85)	12.392	95005	0.595 ug/ml
13) T Pyrene (C20.8)	12.685	55664	0.360 ug/ml
14) T Benzo[a]anthracene (C...	14.554	24237	0.173 ug/ml
15) T Chrysene (C27.41)	14.595	35674	0.230 ug/ml
16) T benzo[b]fluoranthene ...	16.096	27458	0.189 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	25372	0.172 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	279974	2.172 ug/ml
20) T Dibenz[a,h]anthracene...	17.823	279974	1.975 ug/ml

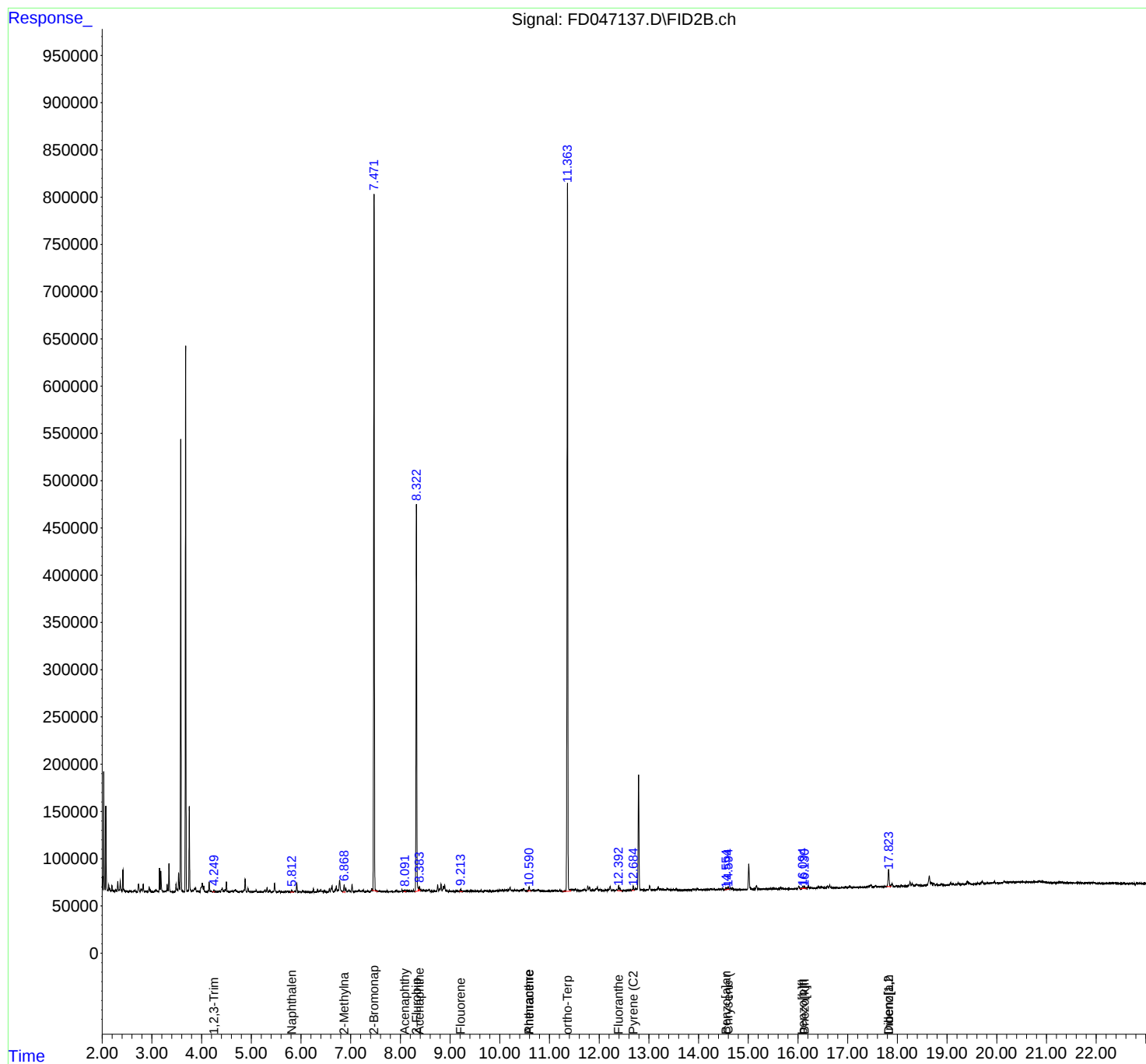
(f)=RT Delta > 1/2 Window

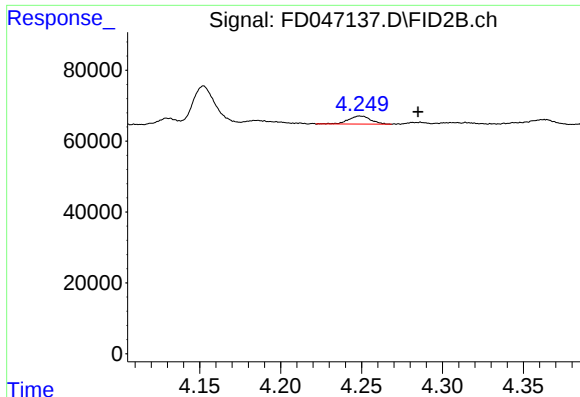
(m)=manual int.

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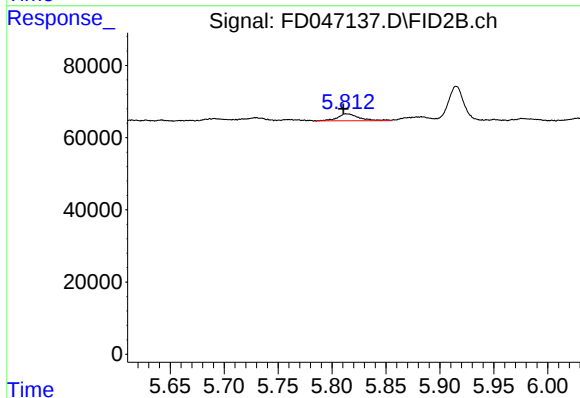
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Signal Info : 20M x 0.18mm x 0.18µm





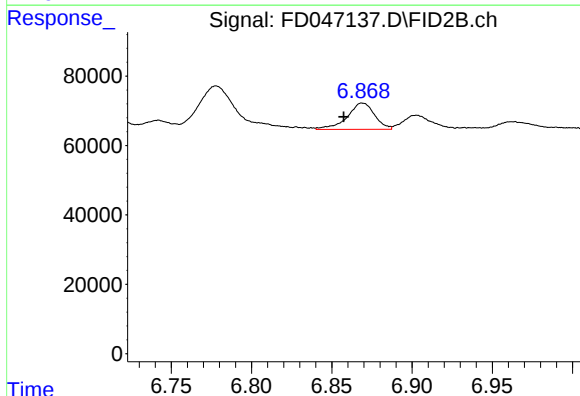
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.249 min
Delta R.T.: -0.036 min
Response: 21513
Conc: 0.14 ug/ml



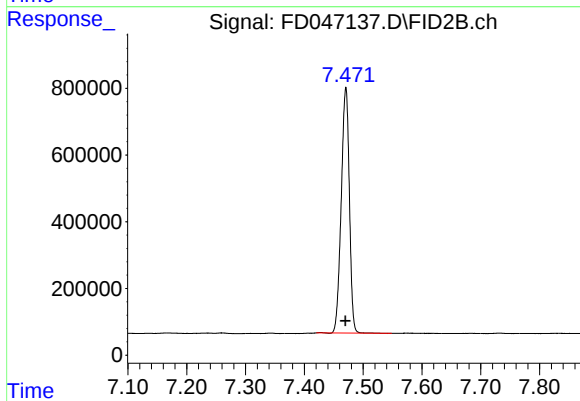
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.004 min
Response: 27559
Conc: 0.16 ug/ml



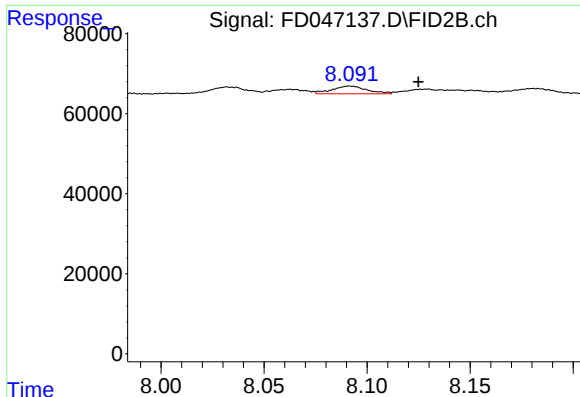
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: 0.012 min
Response: 89987
Conc: 0.53 ug/ml



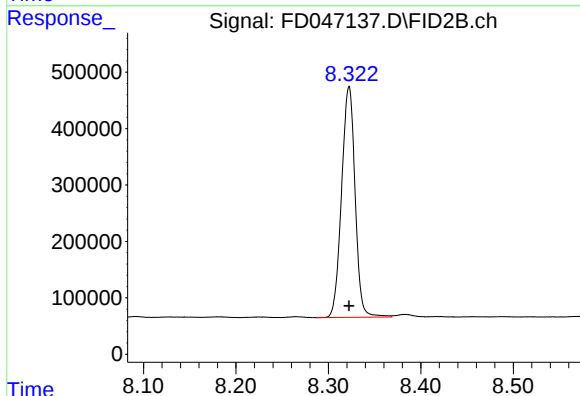
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 7071183
Conc: 45.97 ug/ml



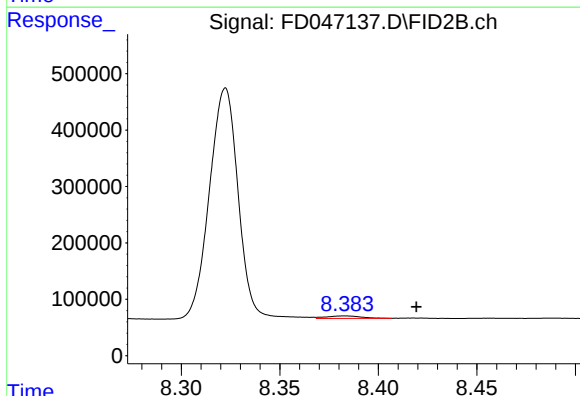
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 22836
Conc: 0.15 ug/ml



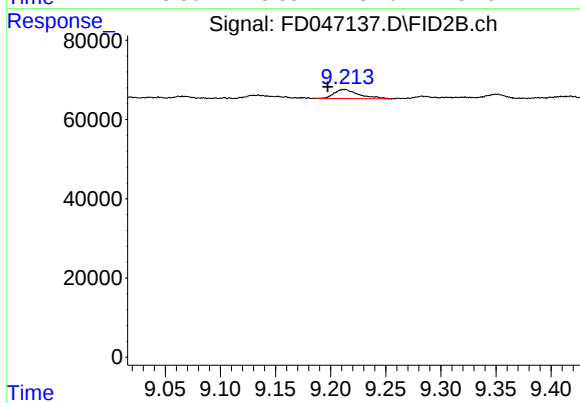
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 4159661
Conc: 40.72 ug/ml



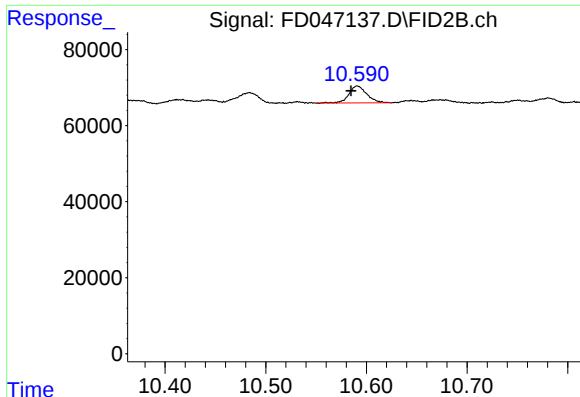
#7 Acenaphthene (C15.5)

R.T.: 8.383 min
Delta R.T.: -0.036 min
Response: 54053
Conc: 0.33 ug/ml



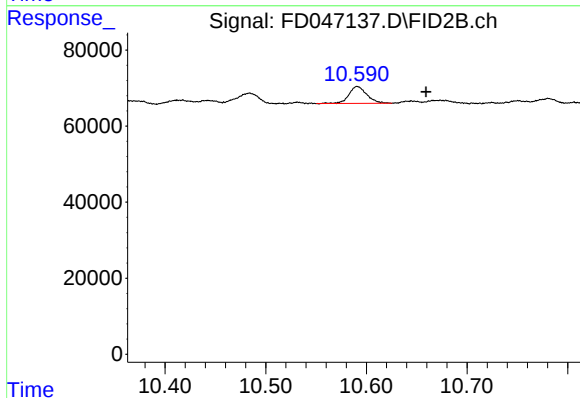
#8 Fluorene (C16.55)

R.T.: 9.212 min
Delta R.T.: 0.015 min
Response: 35353
Conc: 0.22 ug/ml



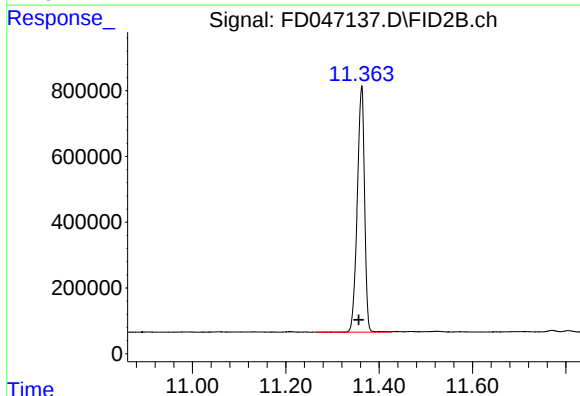
#9 Phenanthrene (C19.36)

R.T.: 10.591 min
Delta R.T.: 0.006 min
Response: 55042
Conc: 0.35 ug/ml



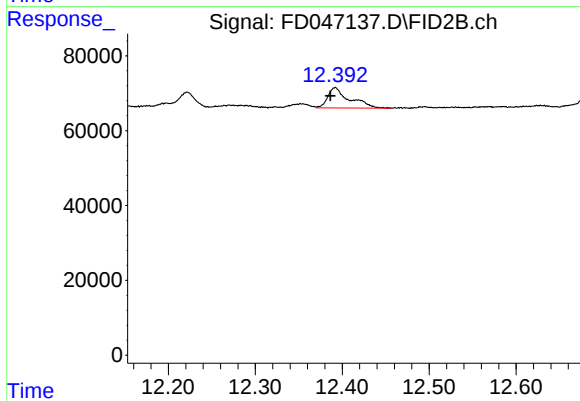
#10 Anthracene (C19.43)

R.T.: 10.591 min
Delta R.T.: -0.068 min
Response: 55042
Conc: 0.36 ug/ml



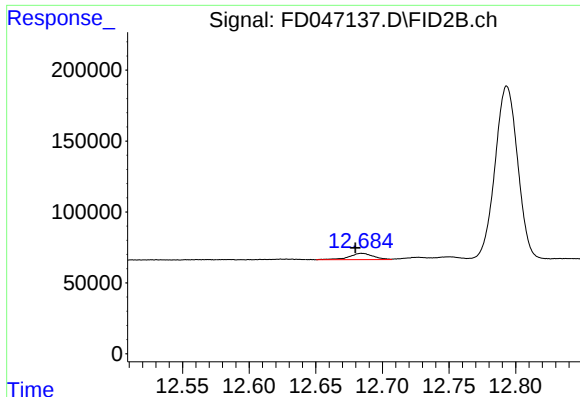
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.006 min
Response: 8144809
Conc: 45.71 ug/ml



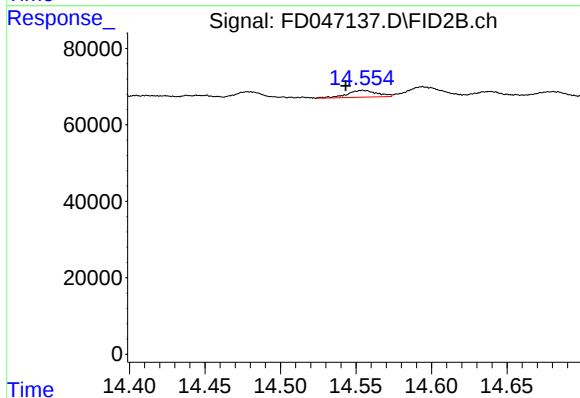
#12 Fluoranthene (C21.85)

R.T.: 12.392 min
Delta R.T.: 0.005 min
Response: 95005
Conc: 0.60 ug/ml



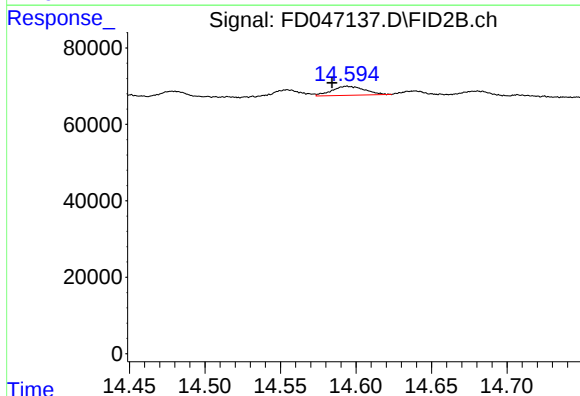
#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.005 min
Response: 55664
Conc: 0.36 ug/ml



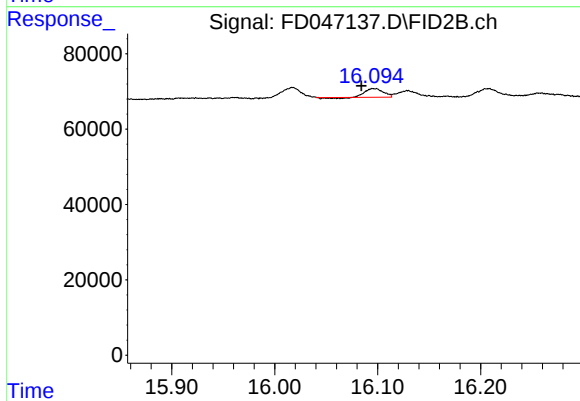
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.011 min
Response: 24237
Conc: 0.17 ug/ml



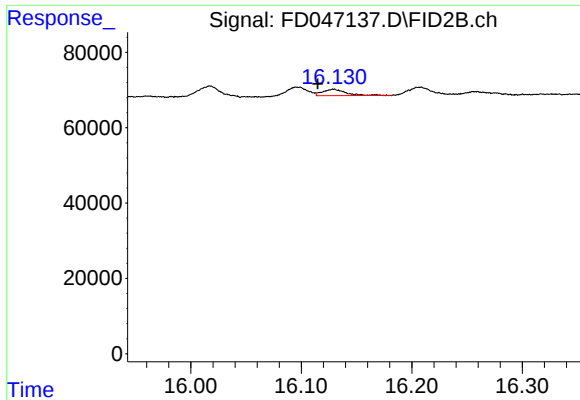
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.011 min
Response: 35674
Conc: 0.23 ug/ml



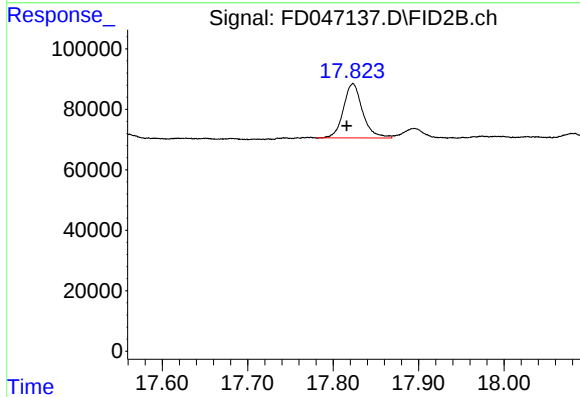
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.096 min
Delta R.T.: 0.012 min
Response: 27458
Conc: 0.19 ug/ml



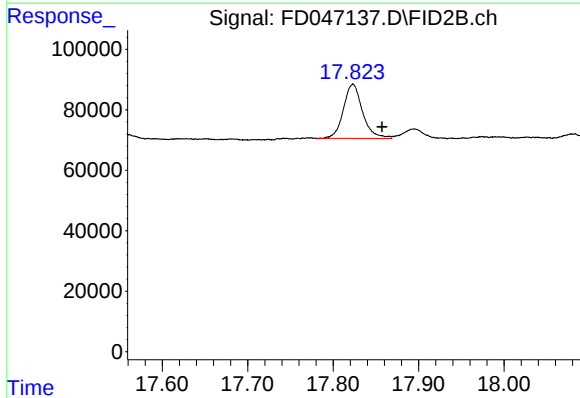
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.014 min
Response: 25372
Conc: 0.17 ug/ml



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

R.T.: 17.823 min
Delta R.T.: 0.007 min
Response: 279974
Conc: 2.17 ug/ml



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

R.T.: 17.823 min
Delta R.T.: -0.034 min
Response: 279974
Conc: 1.97 ug/ml