

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047136.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 13:45
 Operator : YP/AJ
 Sample : P1117-09
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:34:12 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	7114463	46.253 ug/ml
Spiked Amount 50.000		Recovery =	92.51%
6) S 2-Fluorobiphenyl (SURR)	8.322	4181343	40.929 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.86%
11) S ortho-Terphenyl (SURR)	11.362	8137364	45.672 ug/ml
Spiked Amount 50.000		Recovery =	91.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.250	19739	0.127 ug/ml
2) T Naphthalene (C11.7)	5.815	25384	0.152 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	89134	0.526 ug/ml
5) T Acenaphthylene (C15.06)	8.092	22129	0.143 ug/ml
7) T Acenaphthene (C15.5)	8.383	58558	0.355 ug/ml
8) T Flouorene (C16.55)	9.213	38725	0.243 ug/ml
9) T Phenanthrene (C19.36)	10.592	56867	0.359 ug/ml
10) T Anthracene (C19.43)	10.592	56867	0.371 ug/ml
12) T Fluoranthene (C21.85)	12.393	91656	0.575 ug/ml
13) T Pyrene (C20.8)	12.685	66828	0.432 ug/ml
14) T Benzo[a]anthracene (C...	14.555	23814	0.170 ug/ml
15) T Chrysene (C27.41)	14.596	30458	0.197 ug/ml
16) T benzo[b]fluoranthene ...	16.096	32616	0.225 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	27186	0.184 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	259339	2.012 ug/ml
20) T Dibenz[a,h]anthracene...	17.824	259339	1.829 ug/ml

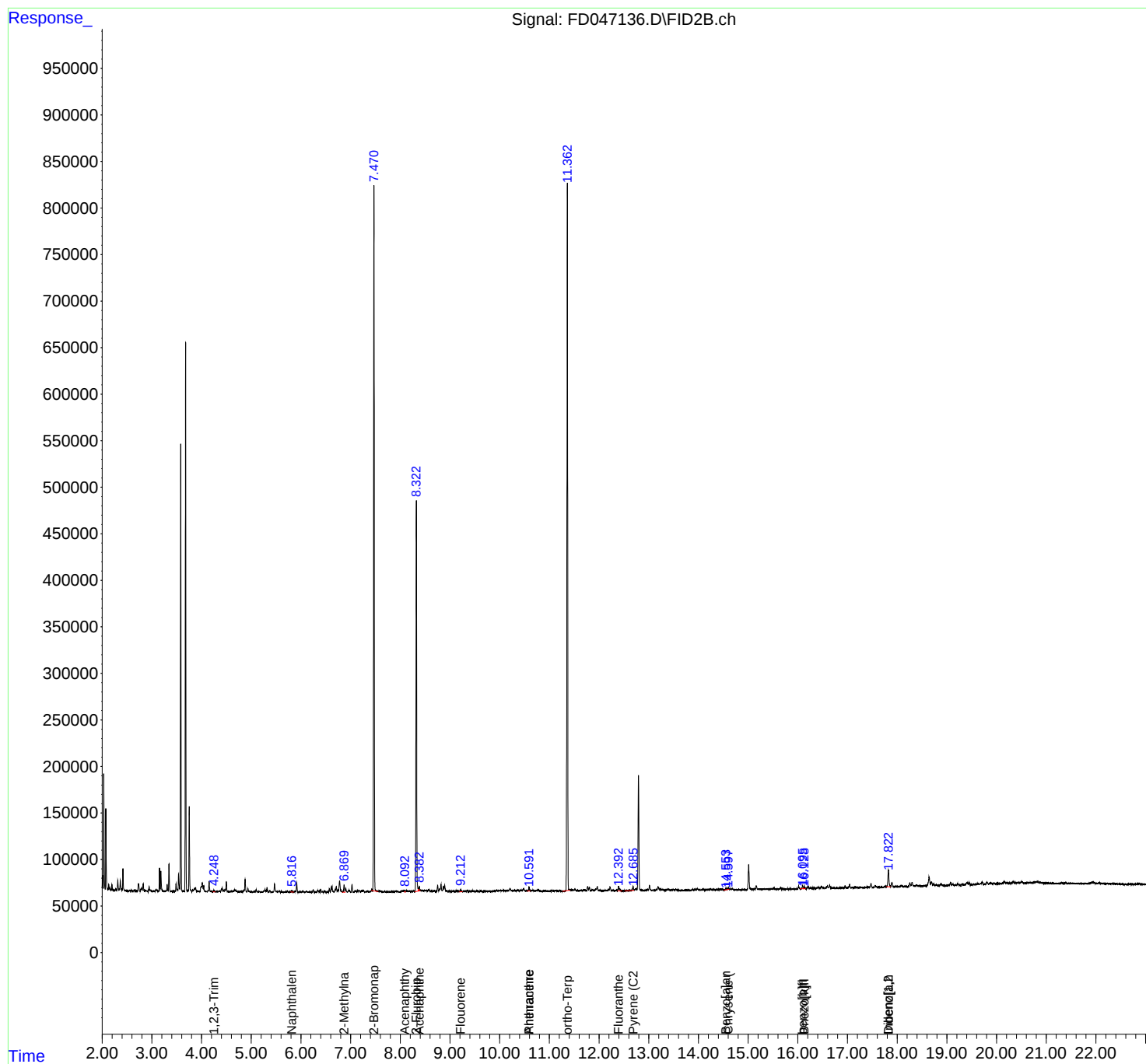
(f)=RT Delta > 1/2 Window

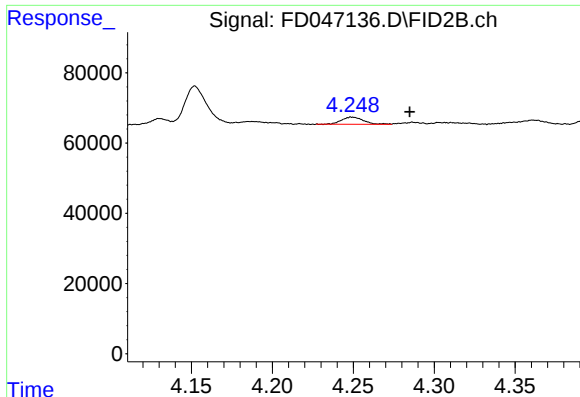
(m)=manual int.

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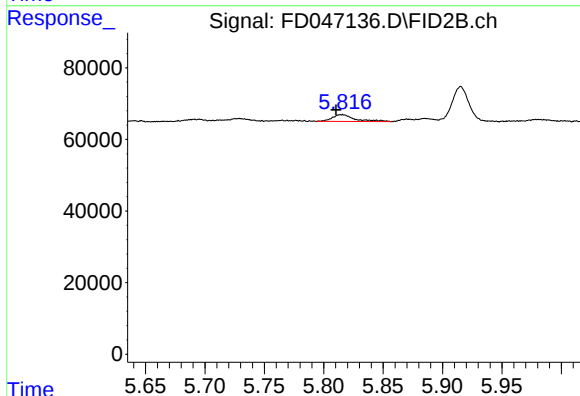
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Signal Info : 20M x 0.18mm x 0.18µm





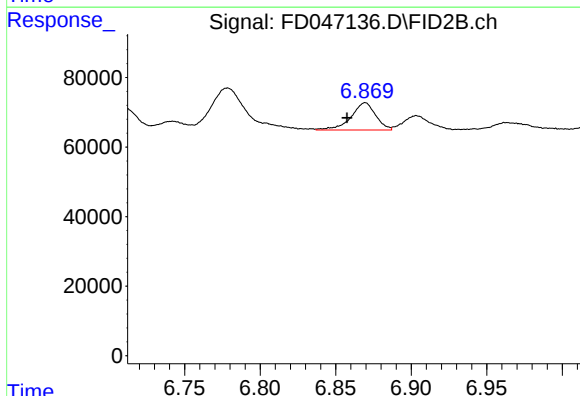
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.250 min
Delta R.T.: -0.035 min
Response: 19739
Conc: 0.13 ug/ml



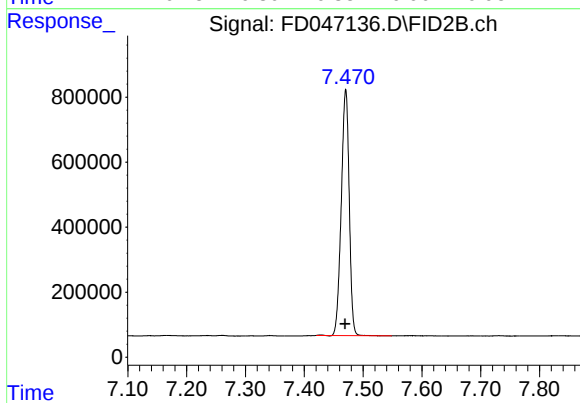
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: 0.005 min
Response: 25384
Conc: 0.15 ug/ml



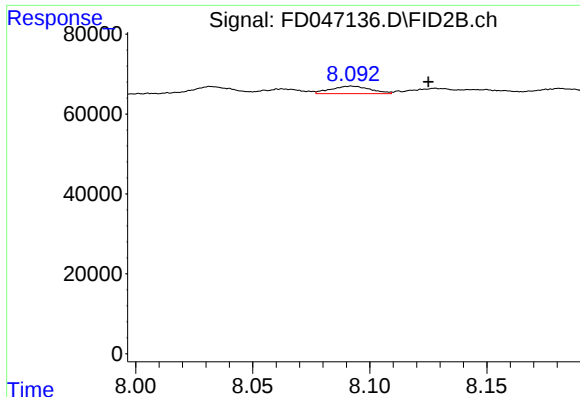
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: 0.012 min
Response: 89134
Conc: 0.53 ug/ml



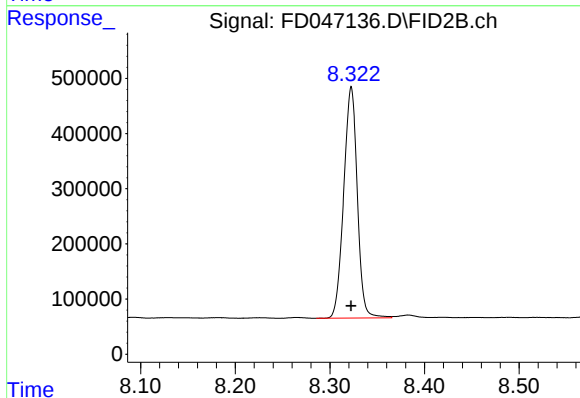
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 7114463
Conc: 46.25 ug/ml



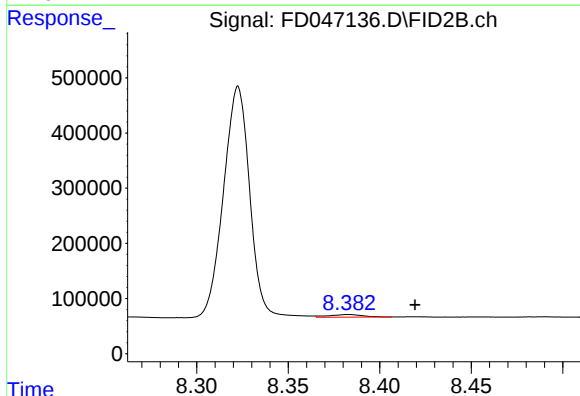
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 22129
Conc: 0.14 ug/ml



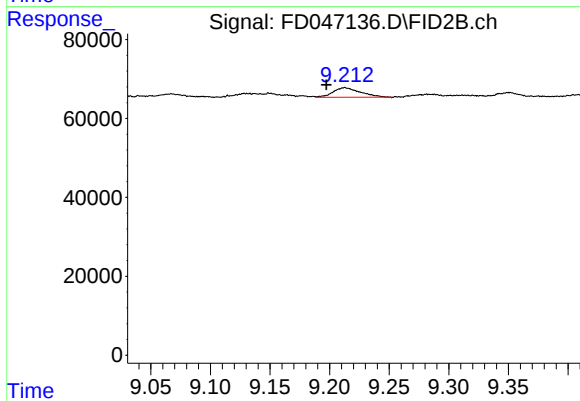
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 4181343
Conc: 40.93 ug/ml



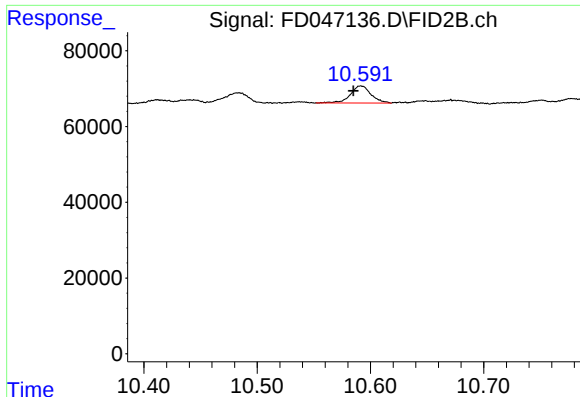
#7 Acenaphthene (C15.5)

R.T.: 8.383 min
Delta R.T.: -0.037 min
Response: 58558
Conc: 0.35 ug/ml



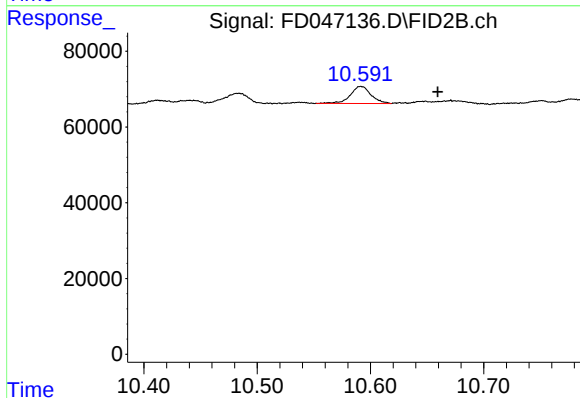
#8 Fluorene (C16.55)

R.T.: 9.213 min
Delta R.T.: 0.015 min
Response: 38725
Conc: 0.24 ug/ml



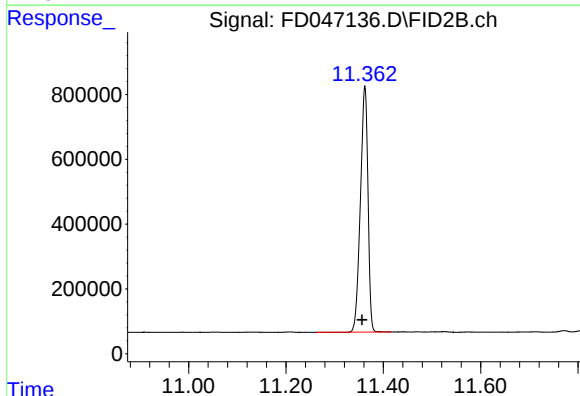
#9 Phenanthrene (C19.36)

R.T.: 10.592 min
Delta R.T.: 0.007 min
Response: 56867
Conc: 0.36 ug/ml



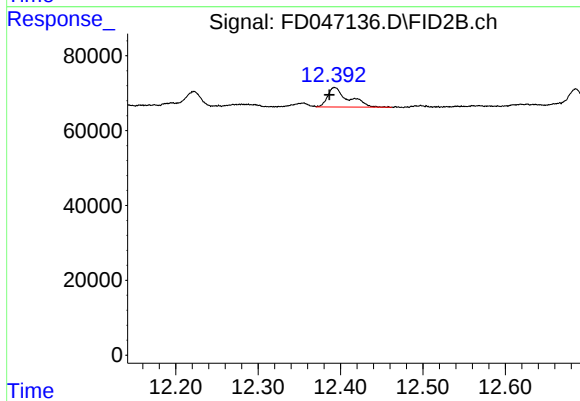
#10 Anthracene (C19.43)

R.T.: 10.592 min
Delta R.T.: -0.068 min
Response: 56867
Conc: 0.37 ug/ml



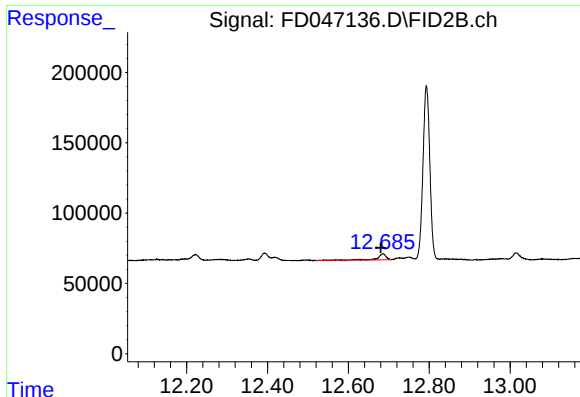
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.005 min
Response: 8137364
Conc: 45.67 ug/ml



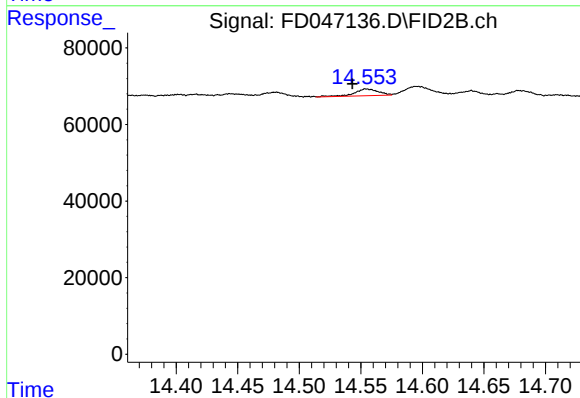
#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.007 min
Response: 91656
Conc: 0.57 ug/ml



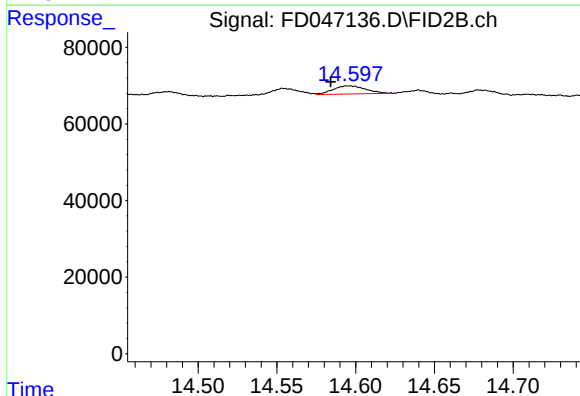
#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.006 min
Response: 66828
Conc: 0.43 ug/ml



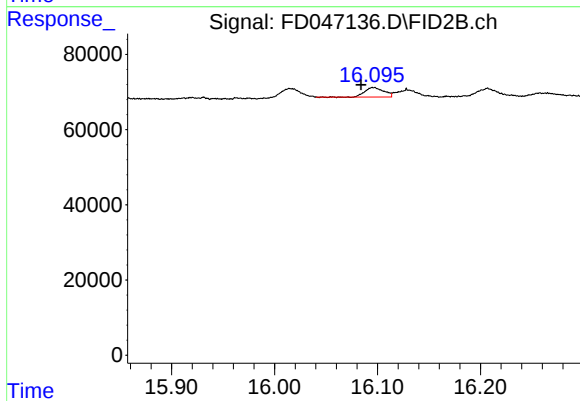
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.012 min
Response: 23814
Conc: 0.17 ug/ml



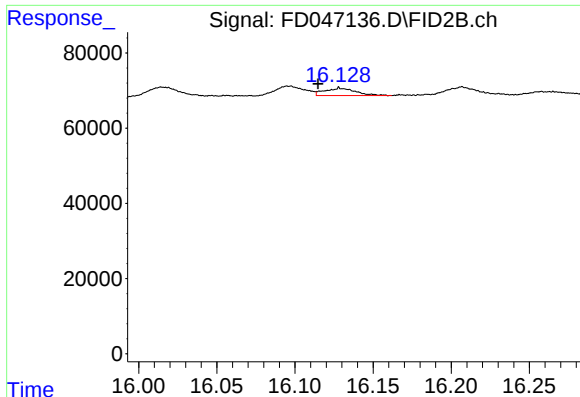
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.012 min
Response: 30458
Conc: 0.20 ug/ml



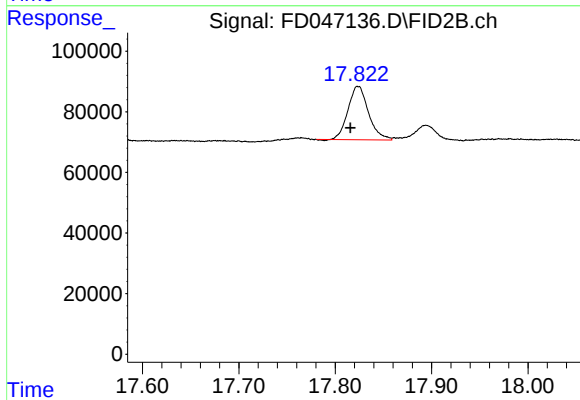
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.096 min
Delta R.T.: 0.012 min
Response: 32616
Conc: 0.22 ug/ml



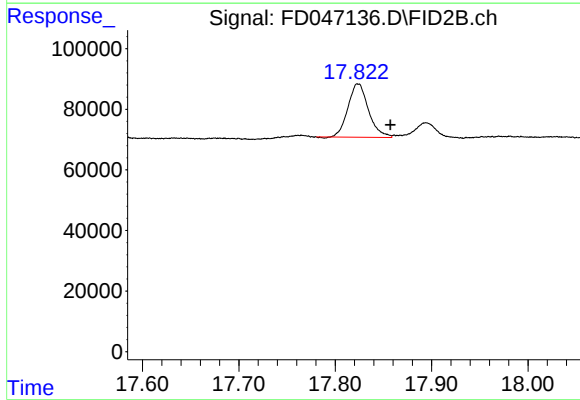
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.129 min
Delta R.T.: 0.014 min
Response: 27186
Conc: 0.18 ug/ml



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

R.T.: 17.824 min
Delta R.T.: 0.008 min
Response: 259339
Conc: 2.01 ug/ml



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

R.T.: 17.824 min
Delta R.T.: -0.034 min
Response: 259339
Conc: 1.83 ug/ml