

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047174.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 14:10
 Operator : YP/AJ
 Sample : P1318-02MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 01:11:08 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

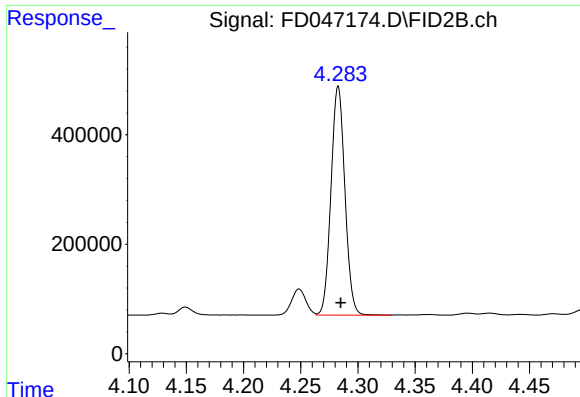
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.471	9643374	62.694 ug/ml
Spiked Amount 50.000		Recovery =	125.39%
6) S 2-Fluorobiphenyl (SURR)	8.323	4758792	46.581 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.16%
11) S ortho-Terphenyl (SURR)	11.361	9146870	51.338 ug/ml
Spiked Amount 50.000		Recovery =	102.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	3539764	22.722 ug/ml
2) T Naphthalene (C11.7)	5.808	4719415	28.172 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	5865077	34.596 ug/ml
5) T Acenaphthylene (C15.06)	8.127	7594867	48.992 ug/ml
7) T Acenaphthene (C15.5)	8.423	7587026	45.943 ug/ml
8) T Flouorene (C16.55)	9.202	8664503	54.290 ug/ml
9) T Phenanthrene (C19.36)	10.592	9262922	58.517 ug/ml
10) T Anthracene (C19.43)	10.667	9029554	58.903 ug/ml
12) T Fluoranthene (C21.85)	12.396	9933315	62.262 ug/ml
13) T Pyrene (C20.8)	12.691	9950730	64.375 ug/ml
14) T Benzo[a]anthracene (C...	14.555	9366274	66.717 ug/ml
15) T Chrysene (C27.41)	14.601	9438321	60.939 ug/ml
16) T benzo[b]fluoranthene ...	16.099	8945610	61.670 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	9018385	61.177 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.476	8503032	59.483 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	9038997	70.137 ug/ml
20) T Dibenz[a,h]anthracene...	17.878	8378249	59.099 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.090	8018016	58.433 ug/ml

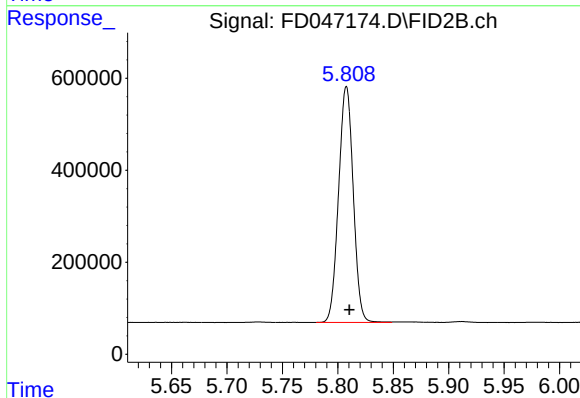
(f)=RT Delta > 1/2 Window

(m)=manual int.



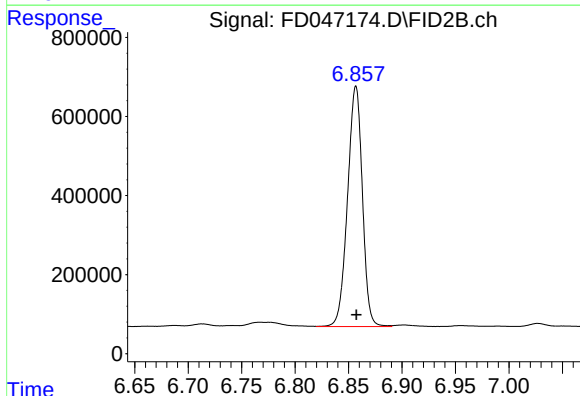
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 3539764
Conc: 22.72 ug/ml



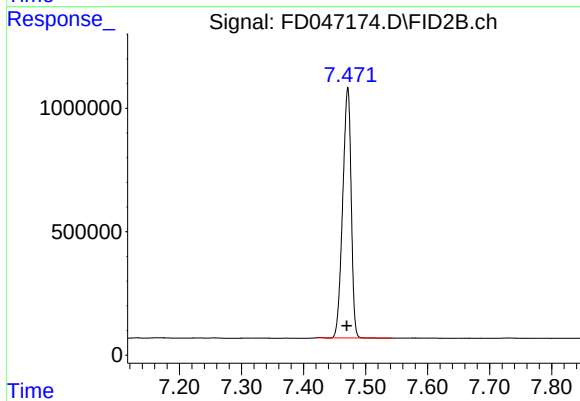
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 4719415
Conc: 28.17 ug/ml



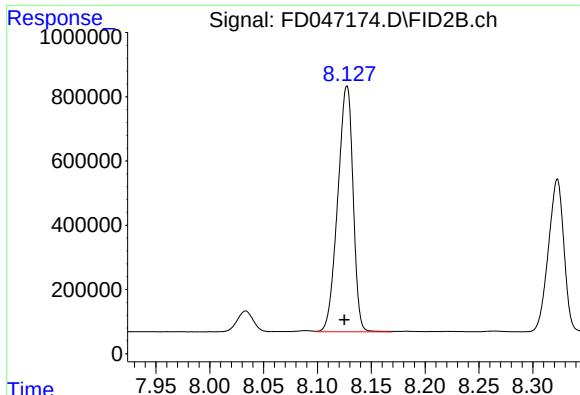
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 5865077
Conc: 34.60 ug/ml



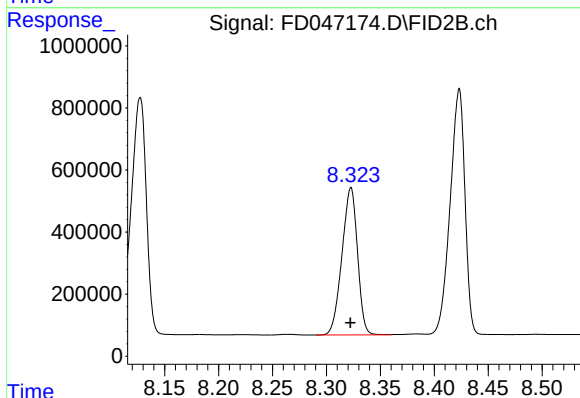
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 9643374
Conc: 62.69 ug/ml



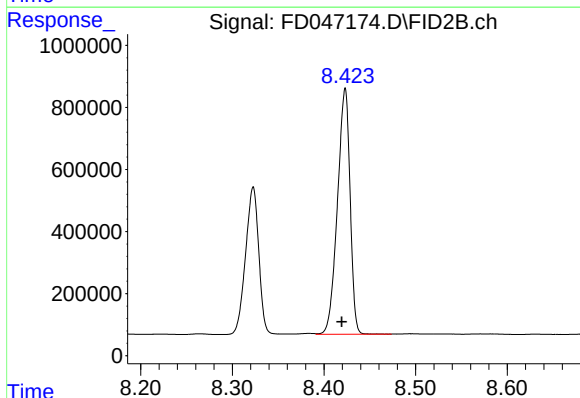
#5 Acenaphthylene (C15.06)

R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 7594867
Conc: 48.99 ug/ml



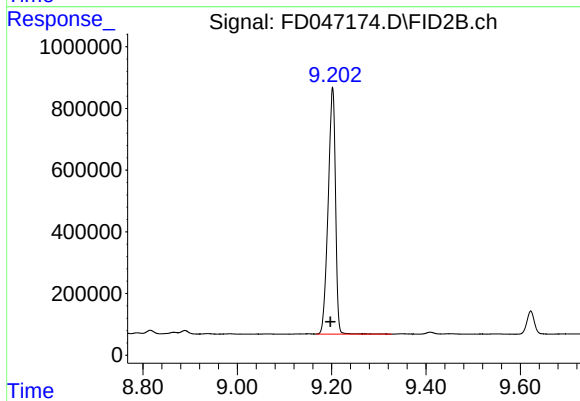
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 4758792
Conc: 46.58 ug/ml



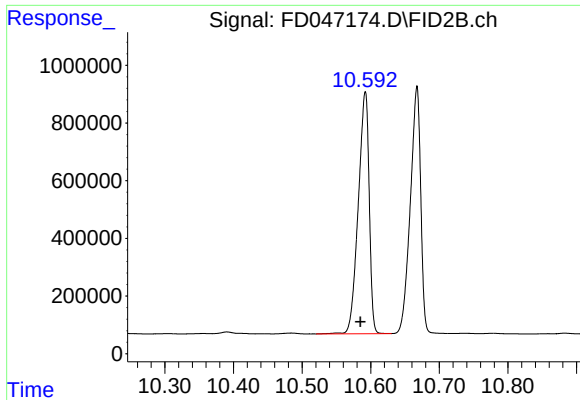
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: 0.003 min
Response: 7587026
Conc: 45.94 ug/ml



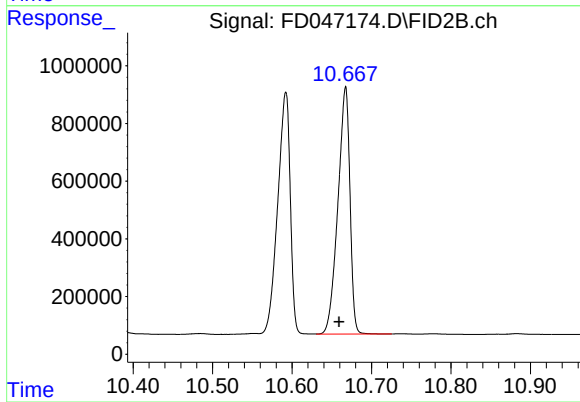
#8 Fluorene (C16.55)

R.T.: 9.202 min
Delta R.T.: 0.004 min
Response: 8664503
Conc: 54.29 ug/ml



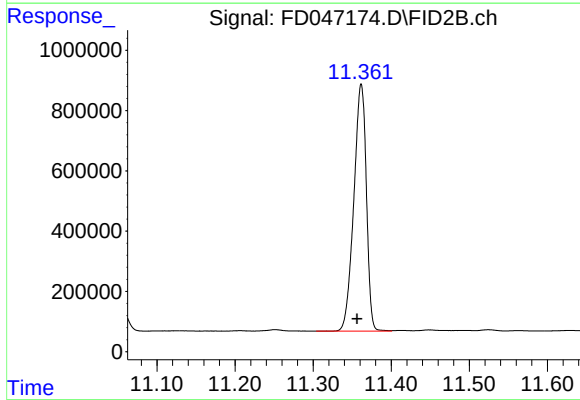
#9 Phenanthrene (C19.36)

R.T.: 10.592 min
Delta R.T.: 0.007 min
Response: 9262922
Conc: 58.52 ug/ml



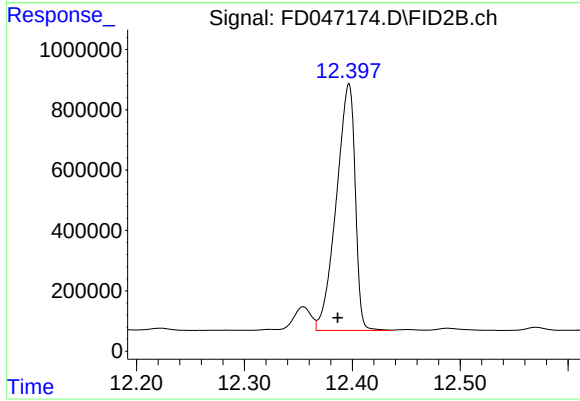
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.007 min
Response: 9029554
Conc: 58.90 ug/ml



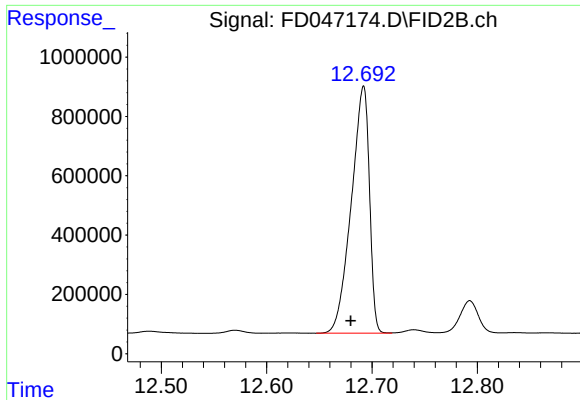
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.005 min
Response: 9146870
Conc: 51.34 ug/ml



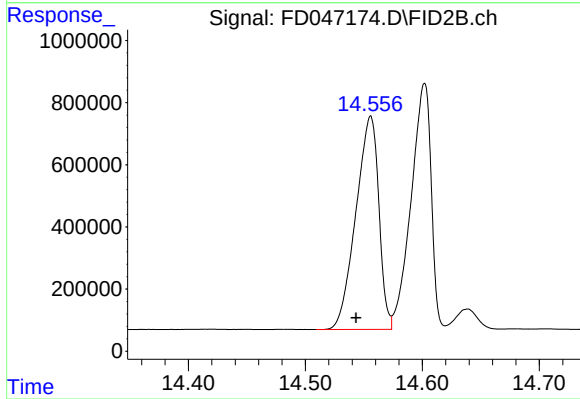
#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: 0.010 min
Response: 9933315
Conc: 62.26 ug/ml



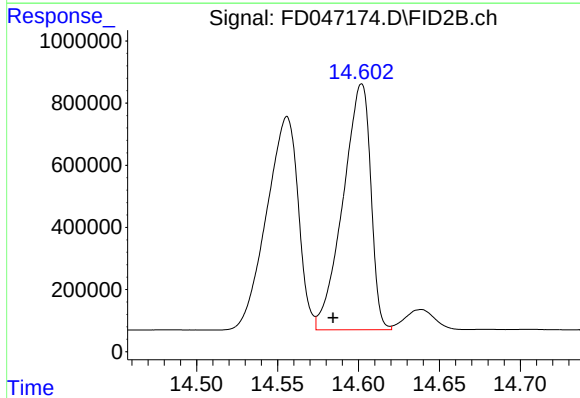
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: 0.012 min
Response: 9950730
Conc: 64.38 ug/ml



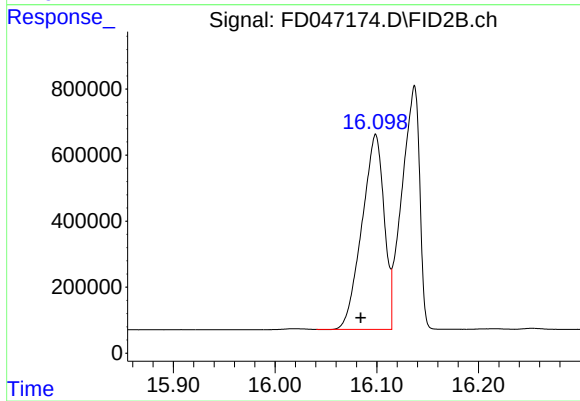
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: 0.012 min
Response: 9366274
Conc: 66.72 ug/ml



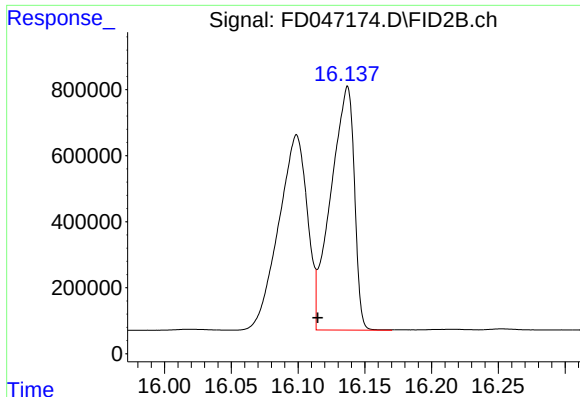
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: 0.017 min
Response: 9438321
Conc: 60.94 ug/ml



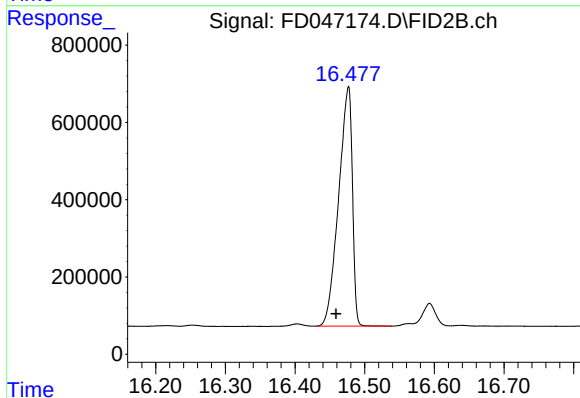
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: 0.015 min
Response: 8945610
Conc: 61.67 ug/ml



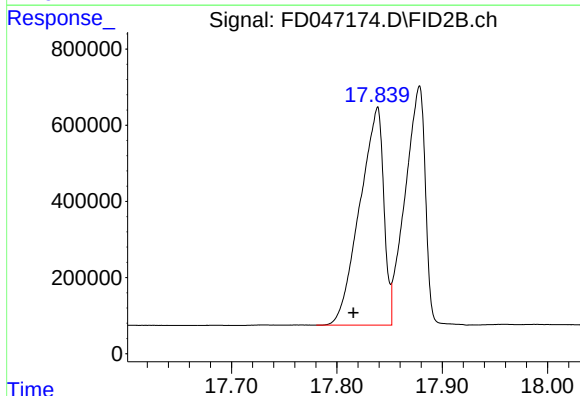
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.137 min
Delta R.T.: 0.022 min
Response: 9018385
Conc: 61.18 ug/ml m



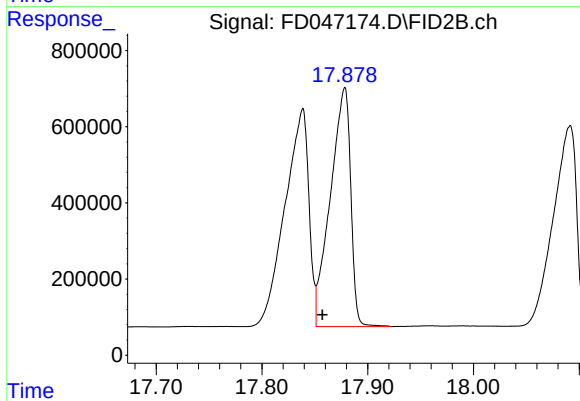
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.017 min
Response: 8503032
Conc: 59.48 ug/ml



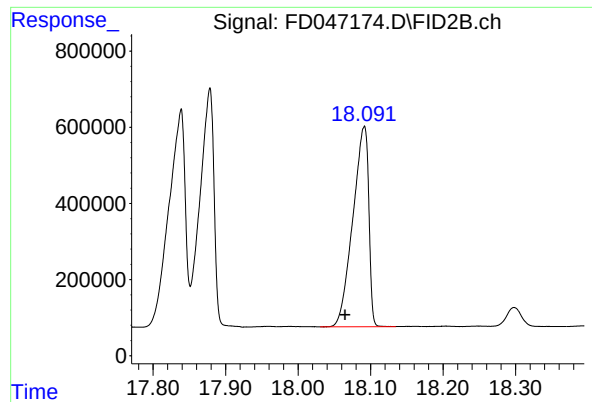
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: 0.022 min
Response: 9038997
Conc: 70.14 ug/ml



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

R.T.: 17.878 min
Delta R.T.: 0.021 min
Response: 8378249
Conc: 59.10 ug/ml m



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

R.T.: 18.090 min
Delta R.T.: 0.026 min
Response: 8018016
Conc: 58.43 ug/ml