

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
 Data File : FD047612.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2024 18:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 29 18:58:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.458	3036212	19.360 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
6) S 2-Fluorobiphenyl (SURR)	8.312	2041579	19.518 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.04%
11) S ortho-Terphenyl (SURR)	11.352	3645900	19.441 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	3118329	19.287 ug/ml
2) T Naphthalene (C11.7)	5.795	3278222	19.374 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3326242	19.527 ug/ml
5) T Acenaphthylene (C15.06)	8.115	3252539	19.944 ug/ml
7) T Acenaphthene (C15.5)	8.410	3261712	19.404 ug/ml
8) T Flouorene (C16.55)	9.189	3226816	19.399 ug/ml
9) T Phenanthrene (C19.36)	10.580	3200513	19.549 ug/ml
10) T Anthracene (C19.43)	10.654	2927440	19.544 ug/ml
12) T Fluoranthene (C21.85)	12.386	3243459	19.547 ug/ml
13) T Pyrene (C20.8)	12.680	3166160	19.459 ug/ml
14) T Benzo[a]anthracene (C...	14.548	2860646	19.597 ug/ml
15) T Chrysene (C27.41)	14.590	3069119	19.476 ug/ml
16) T benzo[b]fluoranthene ...	16.093	2897042	19.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	2921950	19.408 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2815825	19.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	2615184	19.269 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	2749958	19.207 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	2649075	19.294 ug/ml

(f)=RT Delta > 1/2 Window

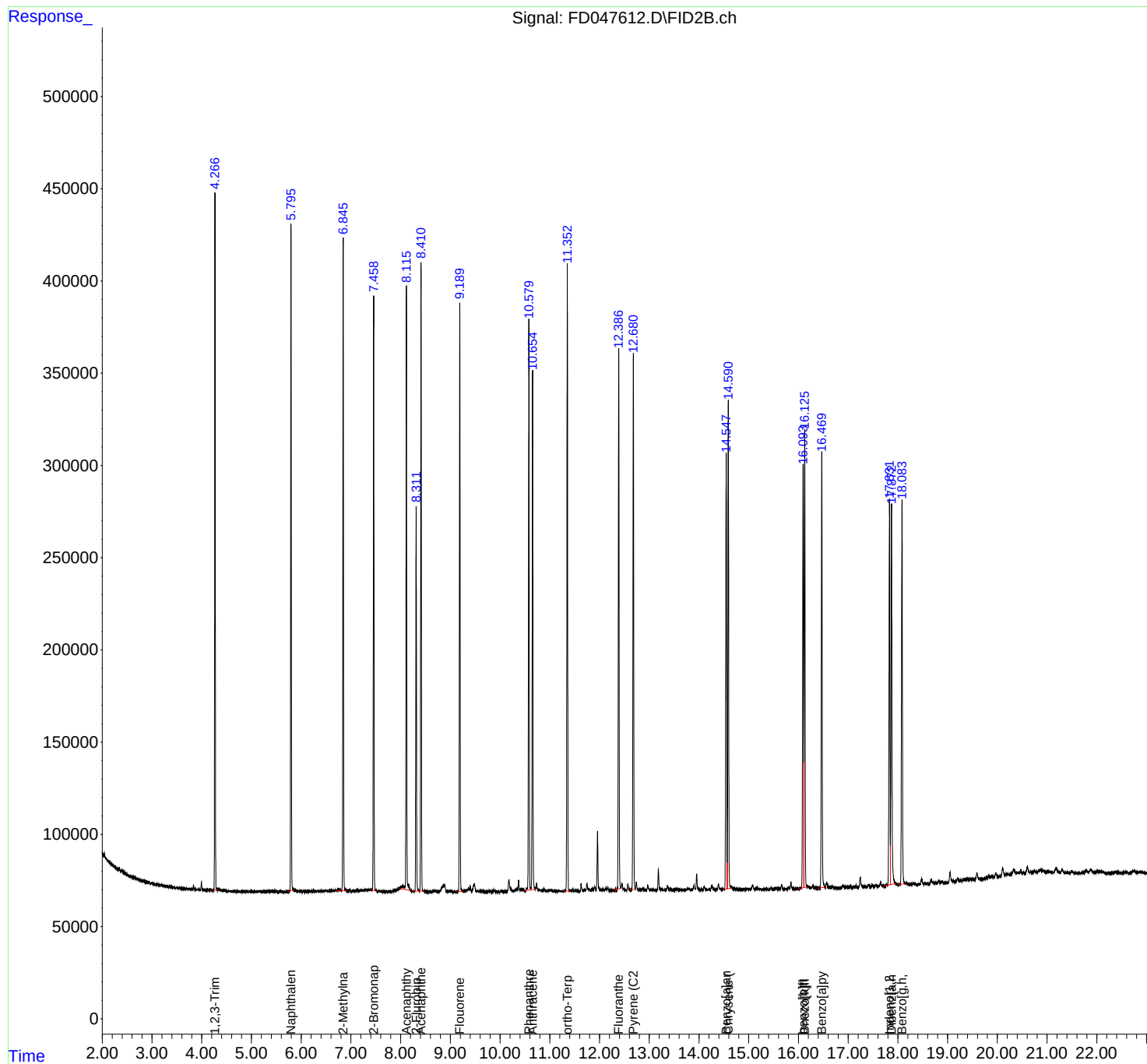
(m)=manual int.

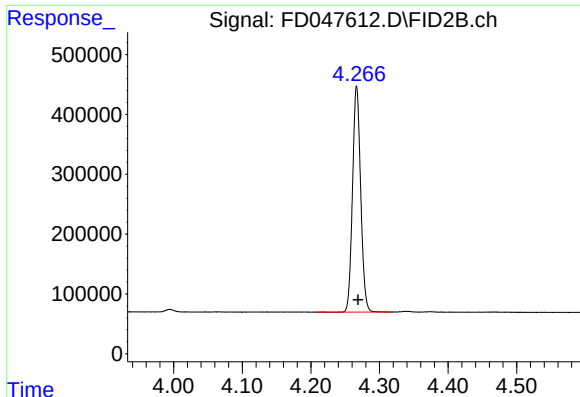
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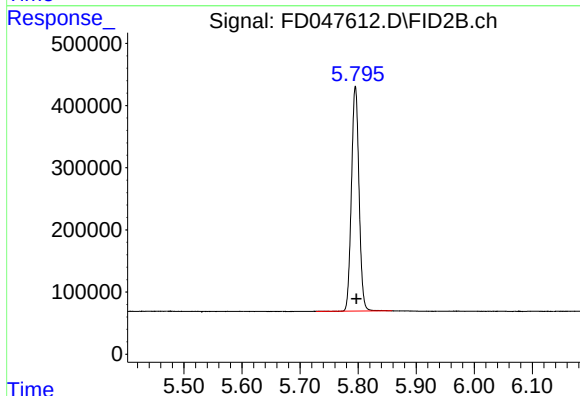




#1 1,2,3-Trimethylbenzene (C10.1)

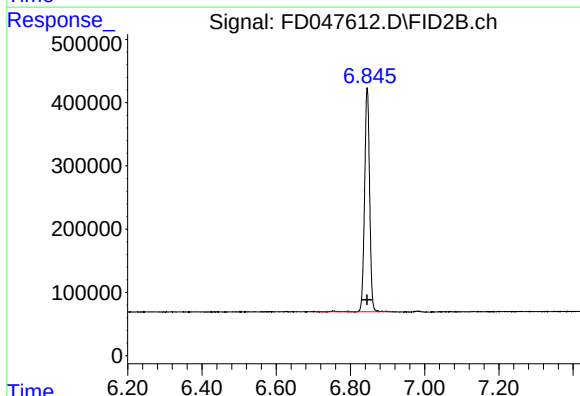
R.T.: 4.267 min
Delta R.T.: -0.002 min
Response: 3118329
Conc: 19.29 ug/ml

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20 PPM AROMATIC HC STD ICV



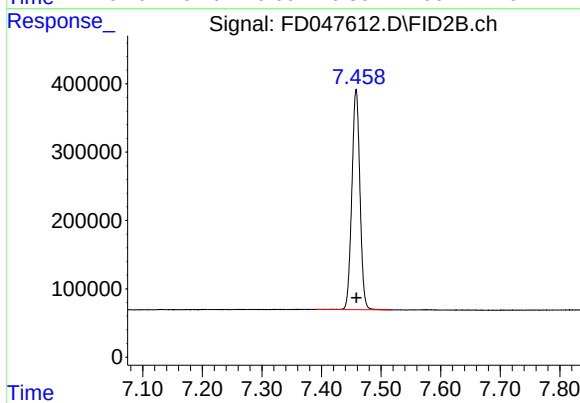
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 3278222
Conc: 19.37 ug/ml



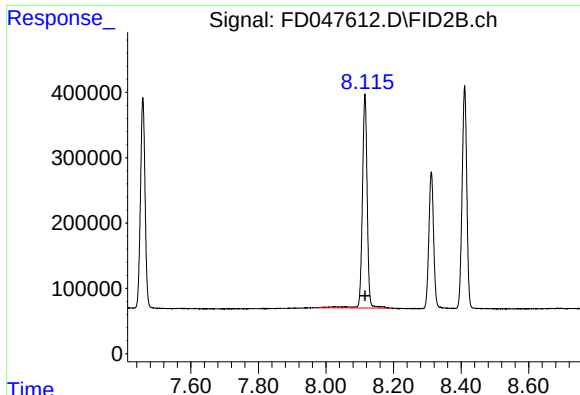
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 3326242
Conc: 19.53 ug/ml



#4 2-Bromonaphthalene (SURR)

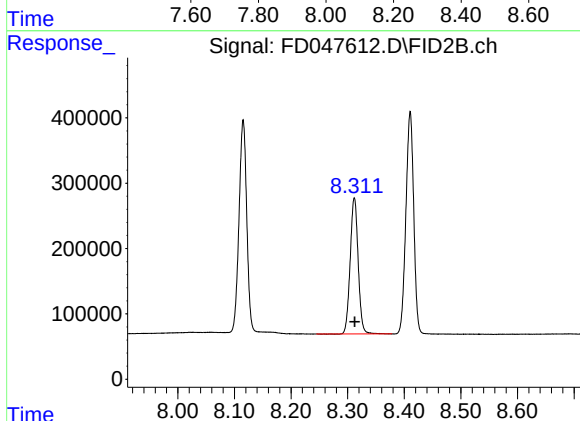
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 3036212
Conc: 19.36 ug/ml



#5 Acenaphthylene (C15.06)

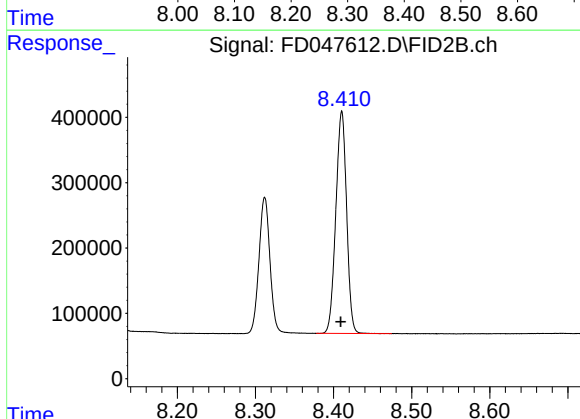
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 3252539
Conc: 19.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



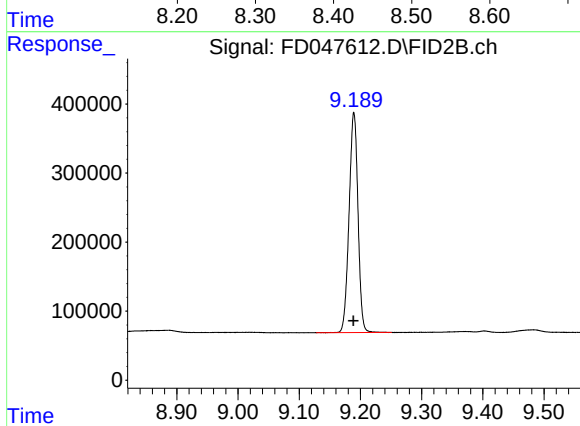
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2041579
Conc: 19.52 ug/ml



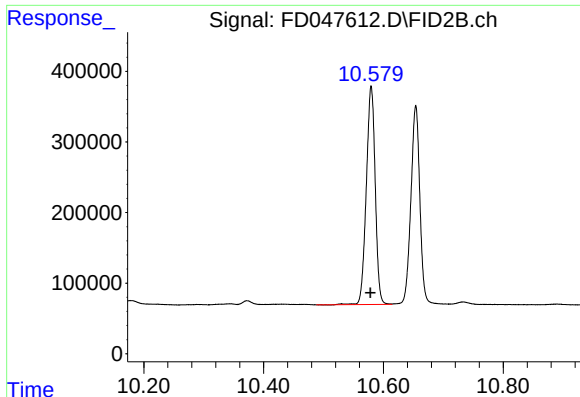
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.001 min
Response: 3261712
Conc: 19.40 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3226816
Conc: 19.40 ug/ml



#9 Phenanthrene (C19.36)

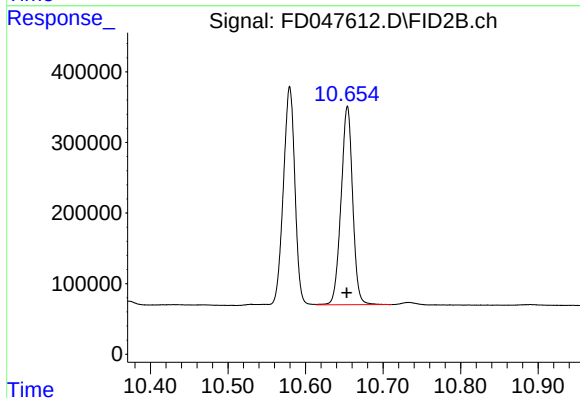
R.T.: 10.580 min
Delta R.T.: 0.001 min
Response: 3200513
Conc: 19.55 ug/ml

Instrument :

FID_D

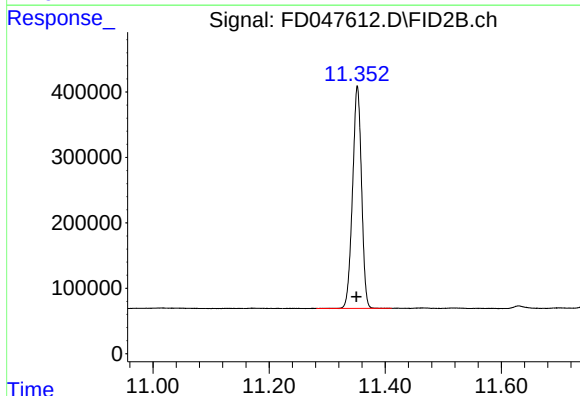
ClientSampleId :

20 PPM AROMATIC HC STD ICV



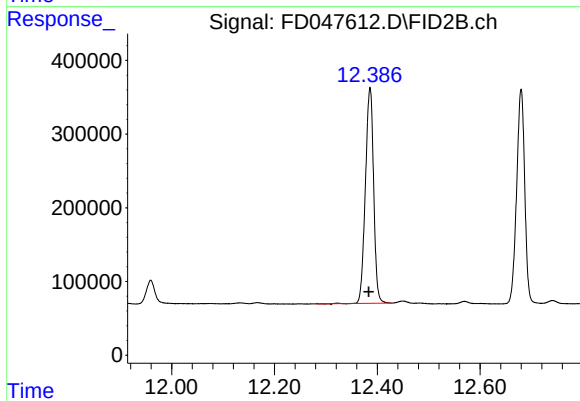
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2927440
Conc: 19.54 ug/ml



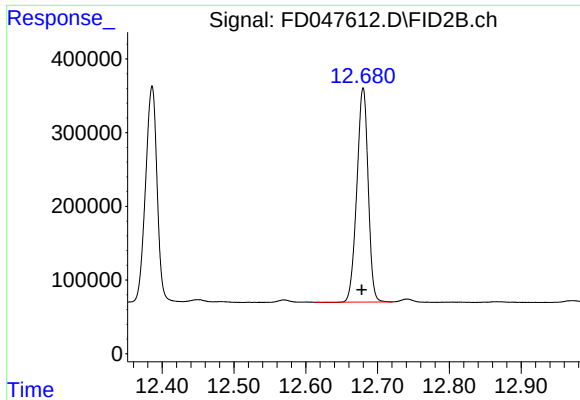
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 3645900
Conc: 19.44 ug/ml



#12 Fluoranthene (C21.85)

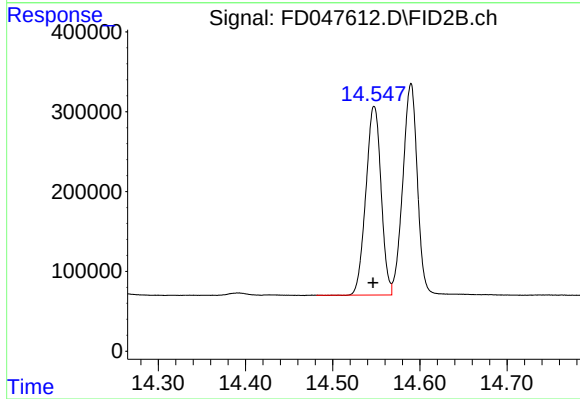
R.T.: 12.386 min
Delta R.T.: 0.002 min
Response: 3243459
Conc: 19.55 ug/ml



#13 Pyrene (C20.8)

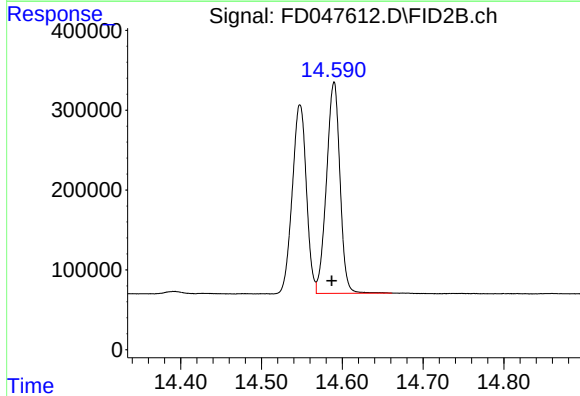
R.T.: 12.680 min
Delta R.T.: 0.002 min
Response: 3166160
Conc: 19.46 ug/ml

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20 PPM AROMATIC HC STD ICV



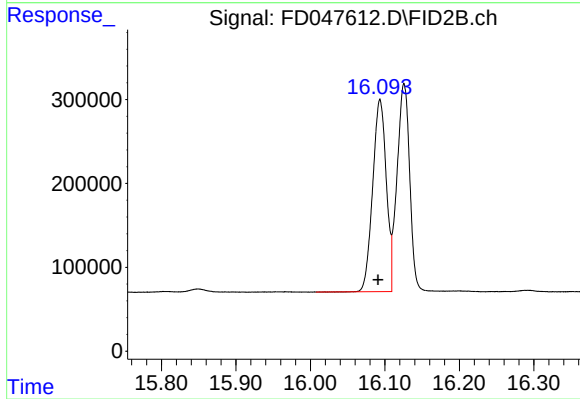
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: 0.001 min
Response: 2860646
Conc: 19.60 ug/ml



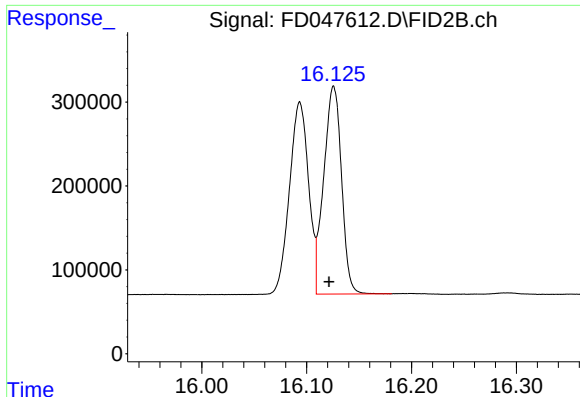
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.003 min
Response: 3069119
Conc: 19.48 ug/ml



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

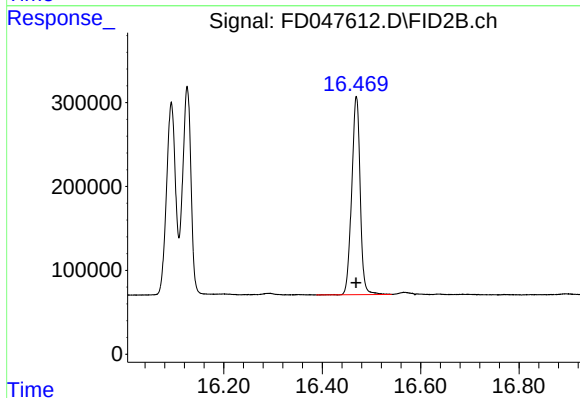
R.T.: 16.093 min
Delta R.T.: 0.003 min
Response: 2897042
Conc: 19.40 ug/ml



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

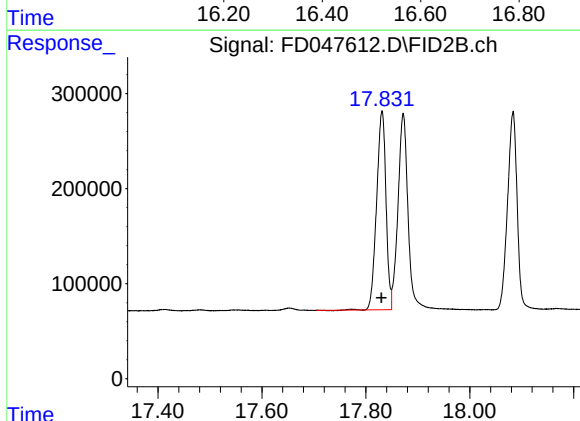
R.T.: 16.126 min
Delta R.T.: 0.004 min
Response: 2921950
Conc: 19.41 ug/ml

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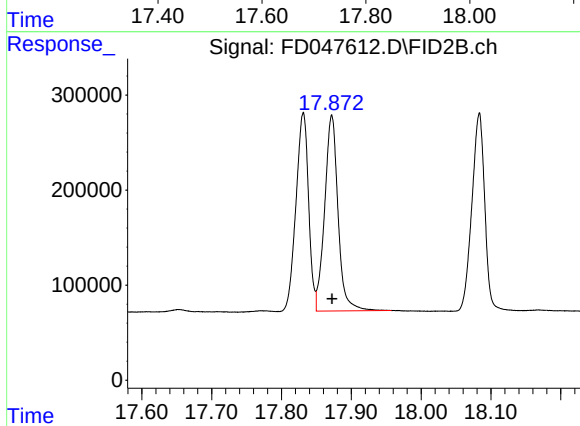
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2815825
Conc: 19.51 ug/ml



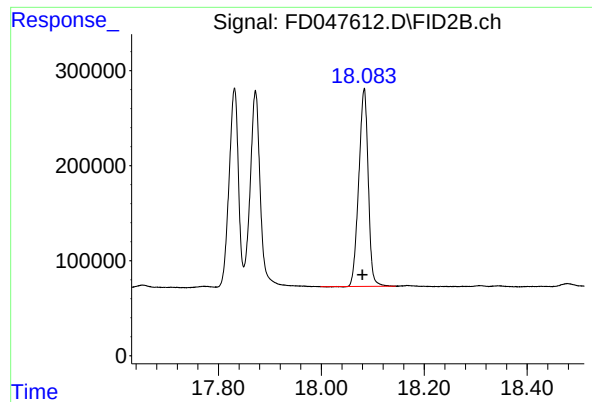
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: 0.001 min
Response: 2615184
Conc: 19.27 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.000 min
Response: 2749958
Conc: 19.21 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.003 min
Response: 2649075
Conc: 19.29 ug/ml

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