

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016466.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2025 10:40
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 26 23:14:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 2025
 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...	8.030	2781309	22.203 ug/ml
Spiked Amount 50.000		Recovery =	44.41%
6) S 2-Fluorobiphenyl (SURR)	8.907	1877673	22.263 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.53%
11) S ortho-Terphenyl (SURR)	11.974	3254641	21.349 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.624	3159014	22.410 ug/ml
2) T Naphthalene (C11.7)	6.301	3246902	22.288 ug/ml
3) T 2-Methylnaphthalene (...)	7.401	3288042	22.334 ug/ml
5) T Acenaphthylene (C15.06)	8.707	3193160	22.034 ug/ml
7) T Acenaphthene (C15.5)	9.006	3209872	22.381 ug/ml
8) T Flouorene (C16.55)	9.797	3187658	22.066 ug/ml
9) T Phenanthrene (C19.36)	11.205	3138324	21.516 ug/ml
10) T Anthracene (C19.43)	11.280	3060631	21.393 ug/ml
12) T Fluoranthene (C21.85)	13.029	3070729	21.025 ug/ml
13) T Pyrene (C20.8)	13.329	2982607	20.813 ug/ml
14) T Benzo[a]anthracene (C...	15.213	2819394	20.712 ug/ml
15) T Chrysene (C27.41)	15.256	2928928	20.533 ug/ml
16) T benzo[b]fluoranthene ...	16.775	2799294	21.304 ug/ml
17) T Bnezo[k]fluoranthene ...	16.808	2683583	21.320 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.157	2753780	21.566 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.534	2550402	22.364 ug/ml
20) T Dibenz[a,h]anthracene...	18.573	2909376	22.285 ug/ml
21) T Benzo[g,h,i]perylene ...	18.791	2736993	22.227 ug/ml

(f)=RT Delta > 1/2 Window

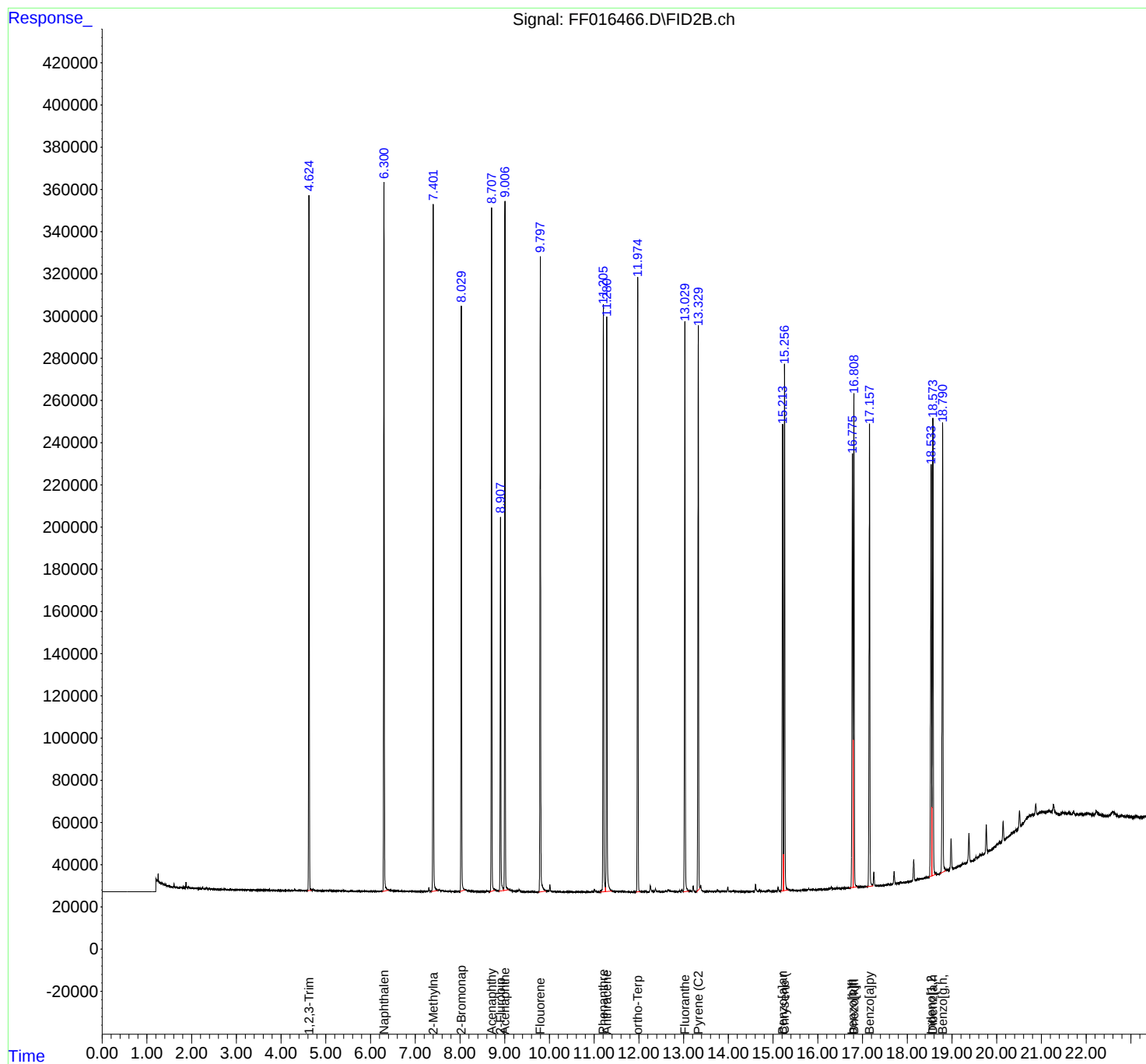
(m)=manual int.

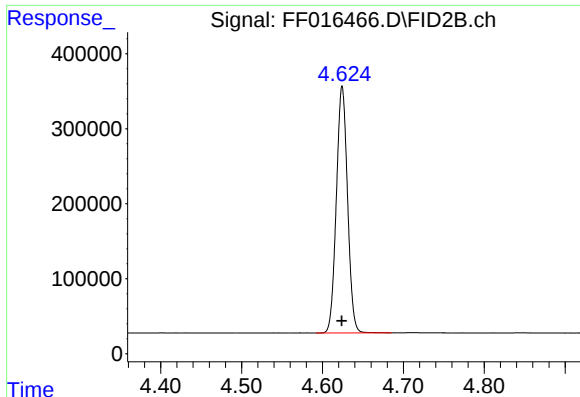
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
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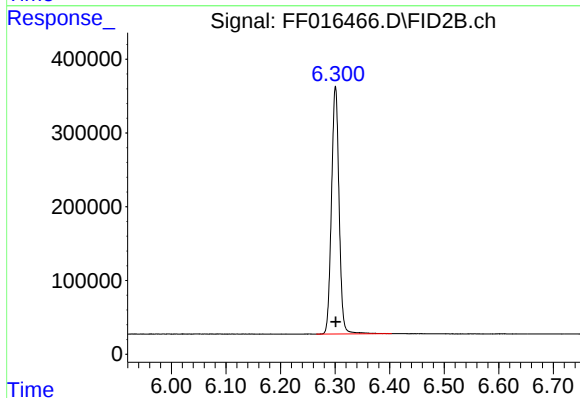




#1 1,2,3-Trimethylbenzene (C10.1)

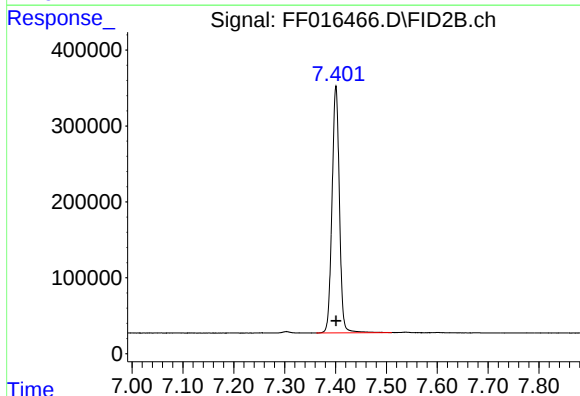
R.T.: 4.624 min
Delta R.T.: 0.000 min
Response: 3159014
Conc: 22.41 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



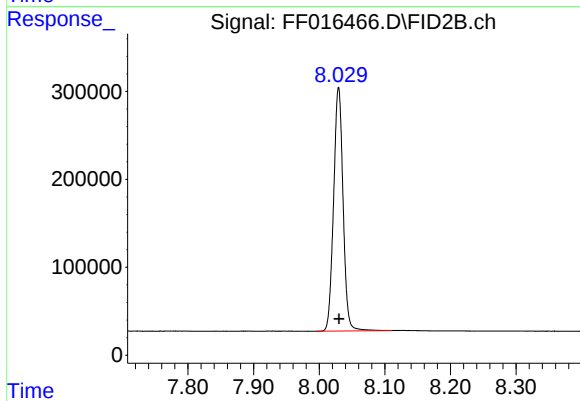
#2 Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 3246902
Conc: 22.29 ug/ml



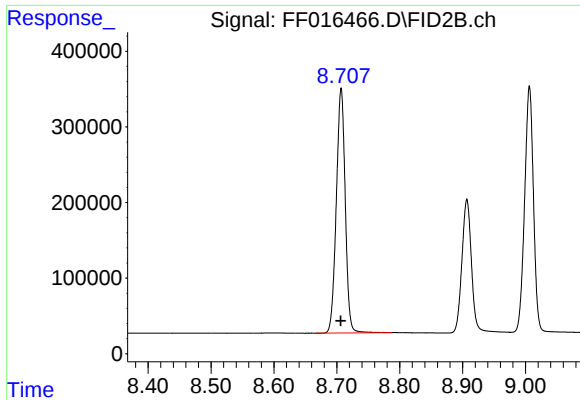
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 3288042
Conc: 22.33 ug/ml



#4 2-Bromonaphthalene (SURR)

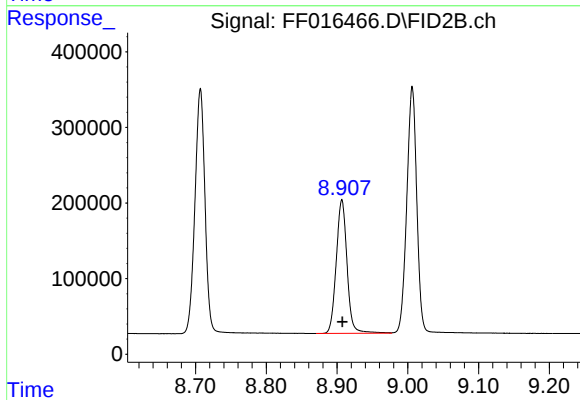
R.T.: 8.030 min
Delta R.T.: 0.000 min
Response: 2781309
Conc: 22.20 ug/ml



#5 Acenaphthylene (C15.06)

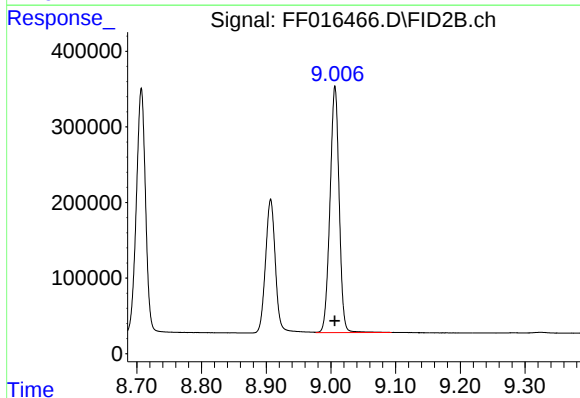
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 3193160
Conc: 22.03 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



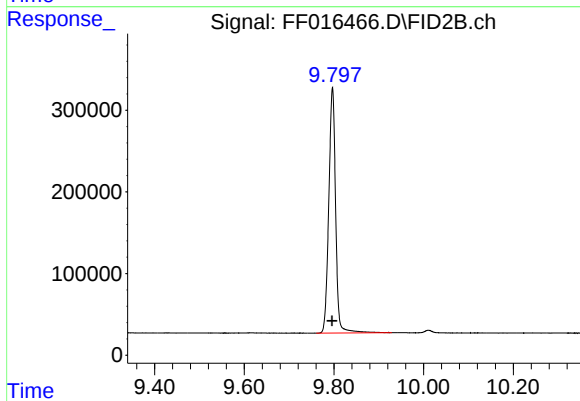
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 1877673
Conc: 22.26 ug/ml



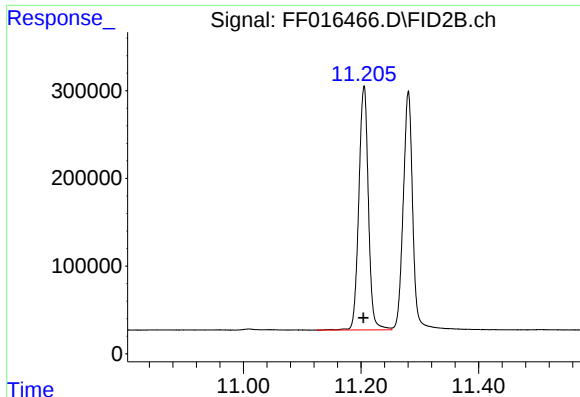
#7 Acenaphthene (C15.5)

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 3209872
Conc: 22.38 ug/ml



#8 Flouorene (C16.55)

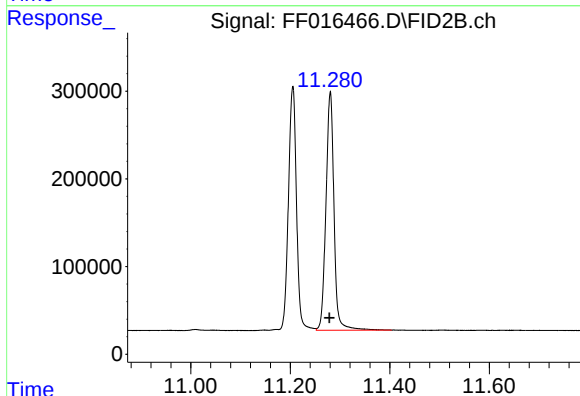
R.T.: 9.797 min
Delta R.T.: 0.000 min
Response: 3187658
Conc: 22.07 ug/ml



#9 Phenanthrene (C19.36)

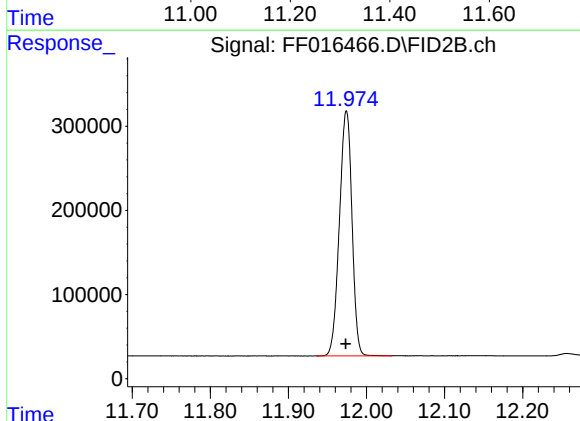
R.T.: 11.205 min
Delta R.T.: 0.001 min
Response: 3138324
Conc: 21.52 ug/ml

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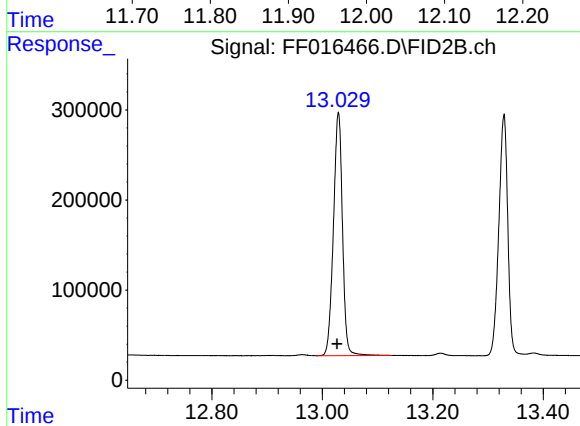
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 3060631
Conc: 21.39 ug/ml



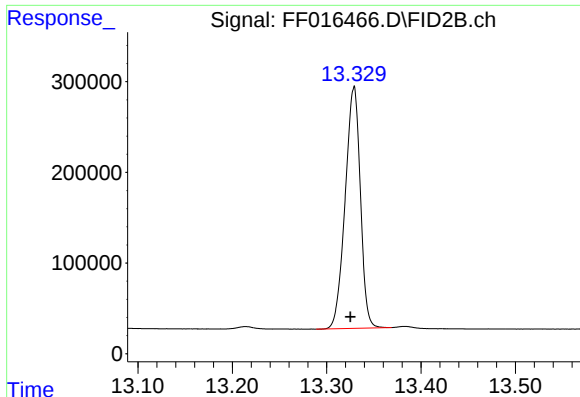
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 3254641
Conc: 21.35 ug/ml



#12 Fluoranthene (C21.85)

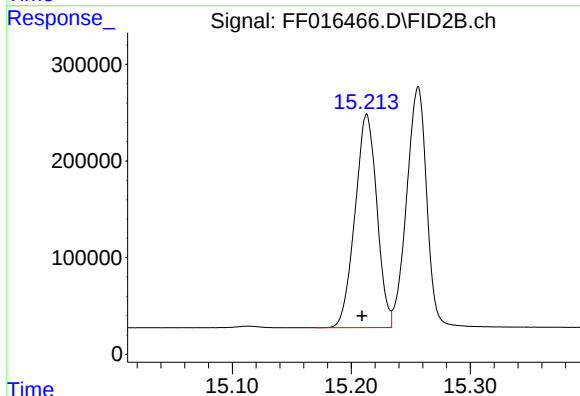
R.T.: 13.029 min
Delta R.T.: 0.003 min
Response: 3070729
Conc: 21.03 ug/ml



#13 Pyrene (C20.8)

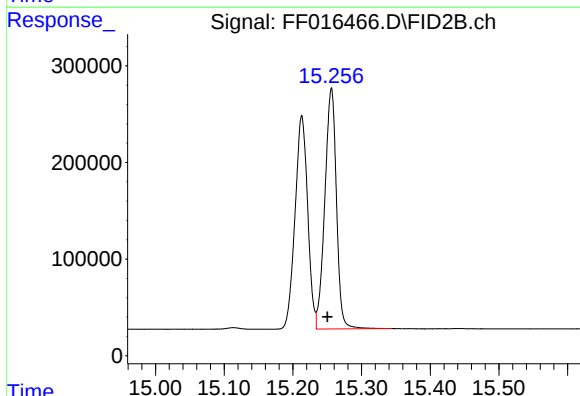
R.T.: 13.329 min
Delta R.T.: 0.003 min
Response: 2982607
Conc: 20.81 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



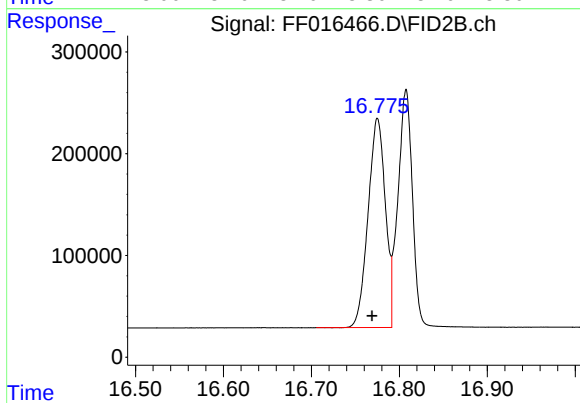
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.213 min
Delta R.T.: 0.004 min
Response: 2819394
Conc: 20.71 ug/ml



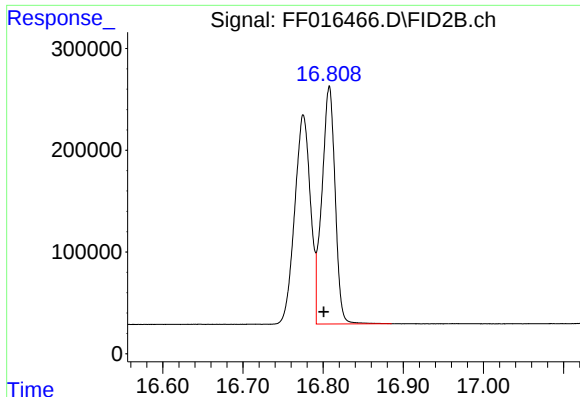
#15 Chrysene (C27.41)

R.T.: 15.256 min
Delta R.T.: 0.005 min
Response: 2928928
Conc: 20.53 ug/ml



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

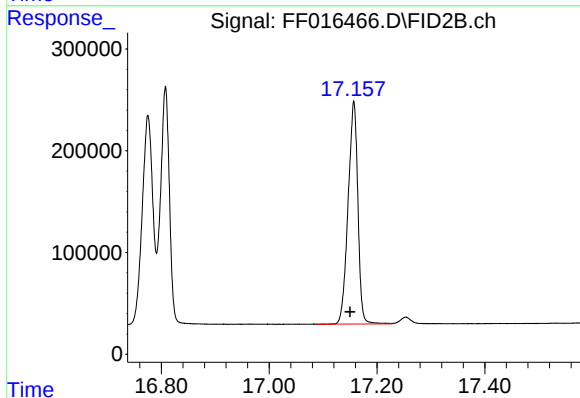
R.T.: 16.775 min
Delta R.T.: 0.006 min
Response: 2799294
Conc: 21.30 ug/ml



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

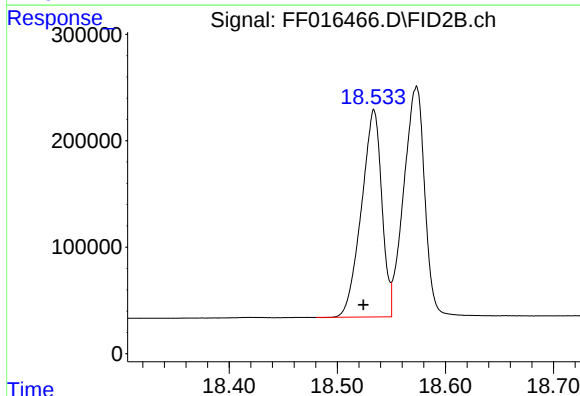
R.T.: 16.808 min
Delta R.T.: 0.007 min
Response: 2683583
Conc: 21.32 ug/ml

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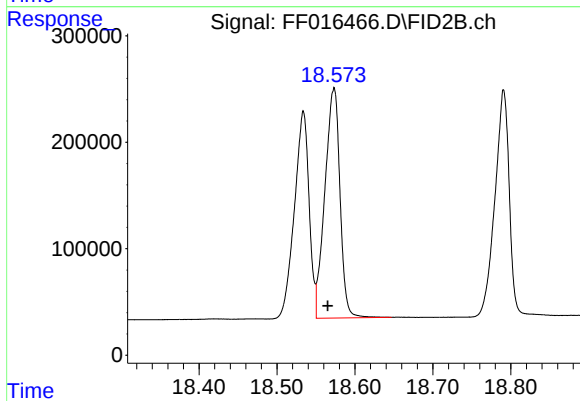
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.157 min
Delta R.T.: 0.007 min
Response: 2753780
Conc: 21.57 ug/ml



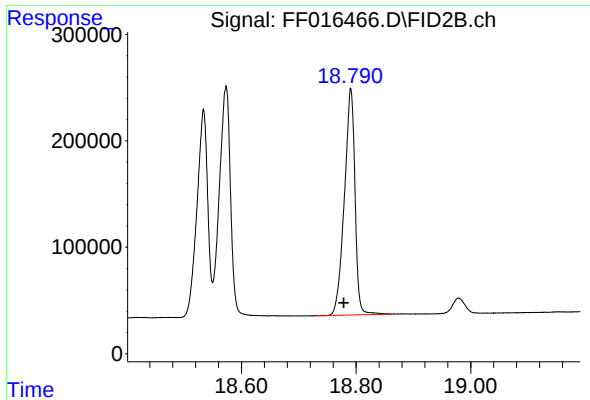
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.534 min
Delta R.T.: 0.009 min
Response: 2550402
Conc: 22.36 ug/ml



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

R.T.: 18.573 min
Delta R.T.: 0.008 min
Response: 2909376
Conc: 22.29 ug/ml



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

R.T.: 18.791 min
Delta R.T.: 0.012 min
Response: 2736993
Conc: 22.23 ug/ml

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