

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123124AR\
 Data File : FD048920.D
 Signal(s) : FID2B.ch
 Acq On : 31 Dec 2024 10:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 31 11:19:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:18:57 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...	7.359	3265862	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.210	2076504	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.243	3765700	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	3503118	20.000 ug/ml
2) T Naphthalene (C11.7)	5.700	3784538	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	3796586	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.011	3763632	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.304	3876852	20.000 ug/ml
8) T Fluorene (C16.55)	9.084	3681550	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.471	3636561	20.000 ug/ml
10) T Anthracene (C19.43)	10.548	3502066	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.276	3752914	20.000 ug/ml
13) T Pyrene (C20.8)	12.568	3711811	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.439	3397008	20.000 ug/ml
15) T Chrysene (C27.41)	14.480	3919684	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.986	3544834	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	3616431	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	3496675	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	2760441	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	3819269	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	3427368	20.000 ug/ml

(f)=RT Delta > 1/2 Window

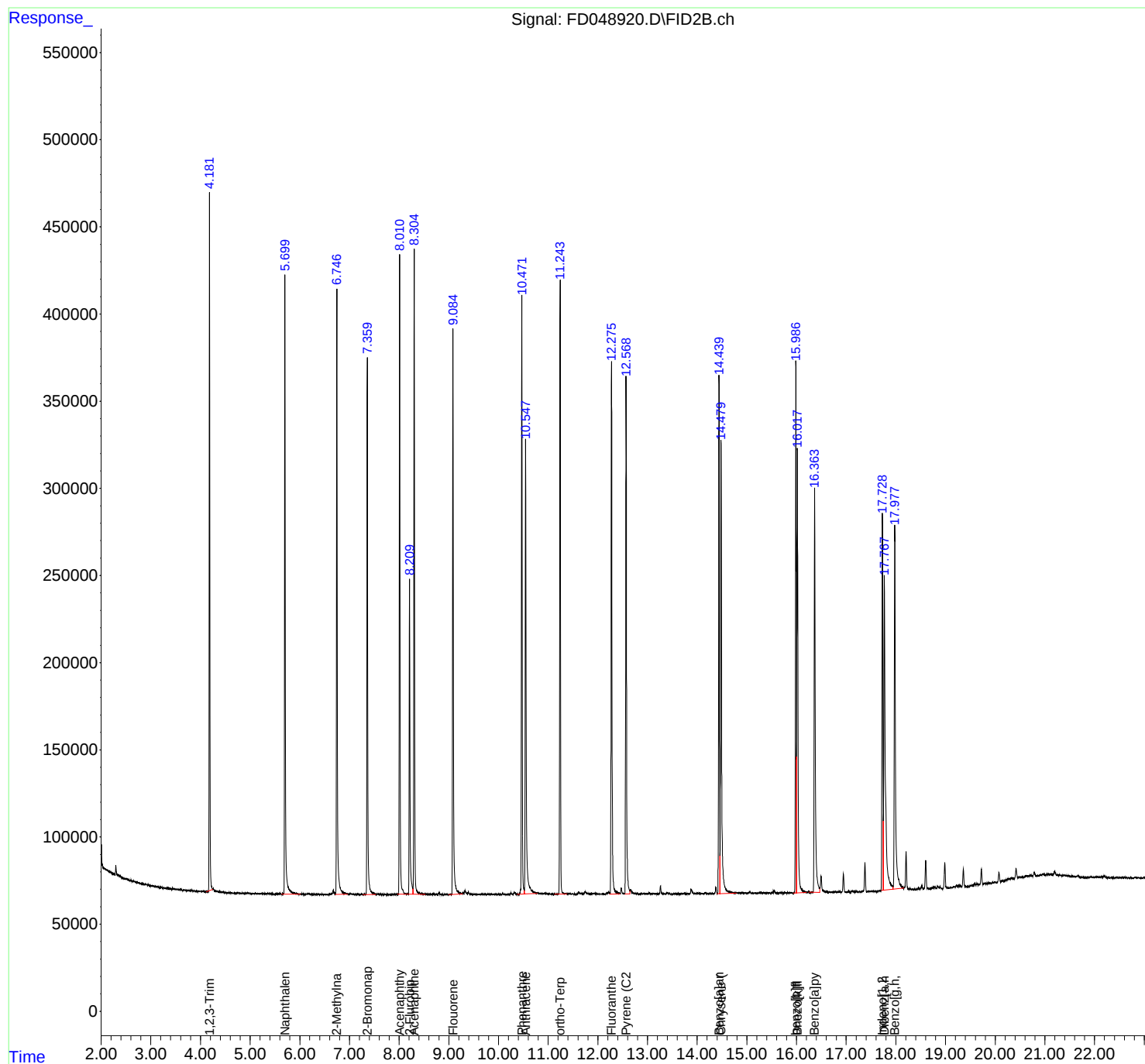
(m)=manual int.

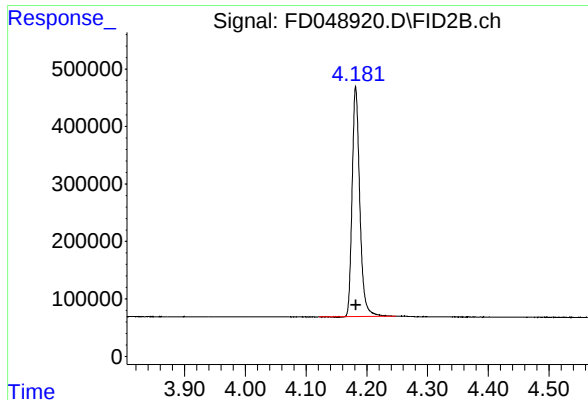
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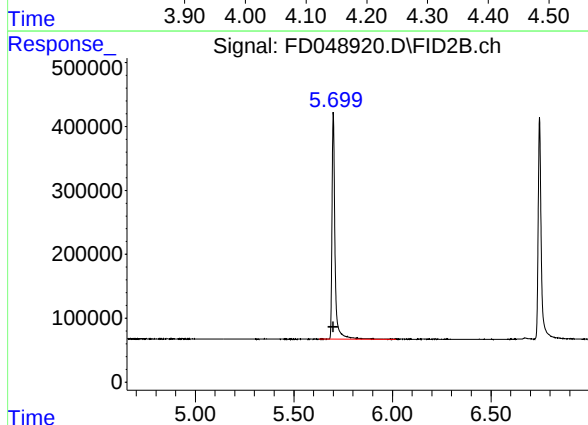




#1 1,2,3-Trimethylbenzene (C10.1)

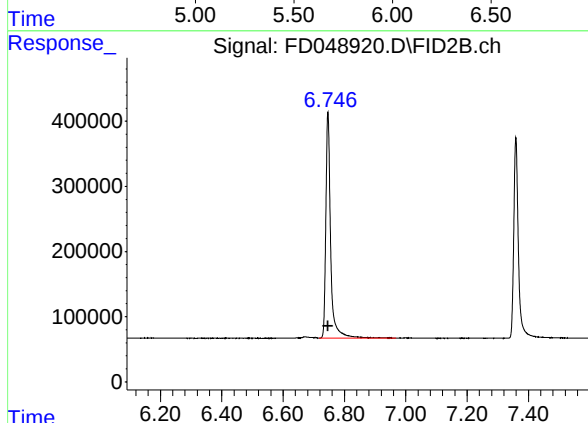
R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 3503118
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



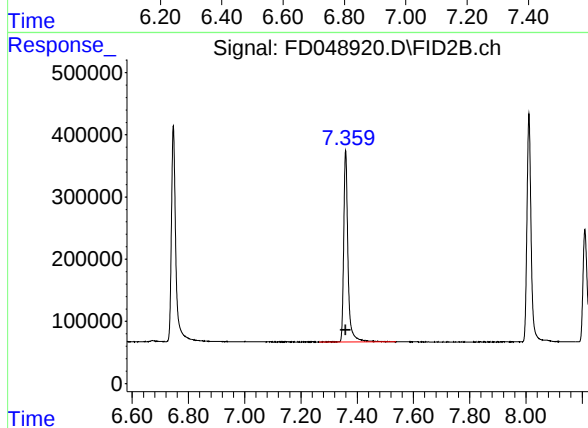
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 3784538
Conc: 20.00 ug/ml



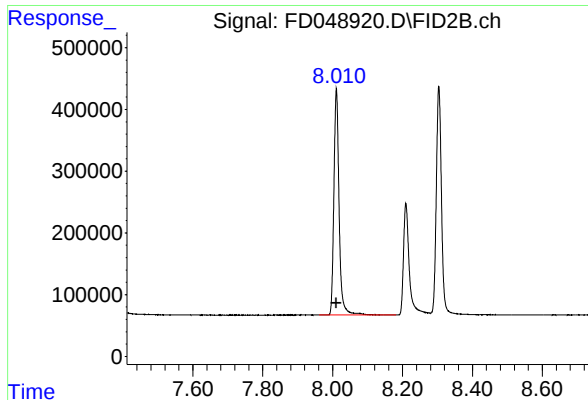
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 3796586
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

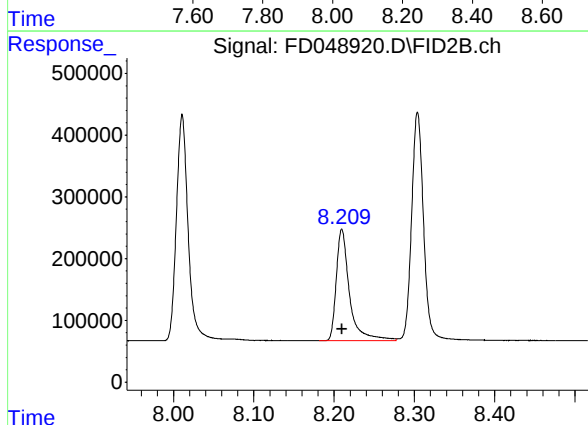
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 3265862
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

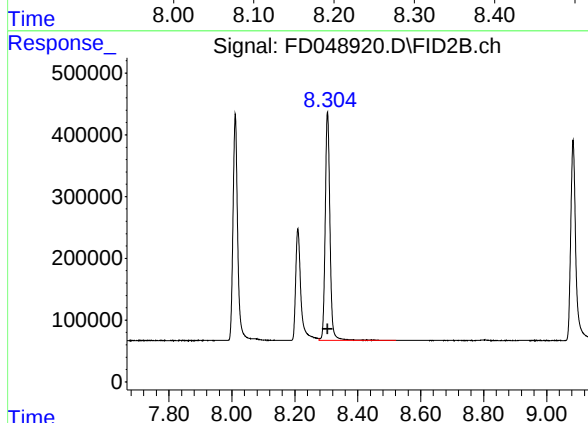
R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 3763632
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



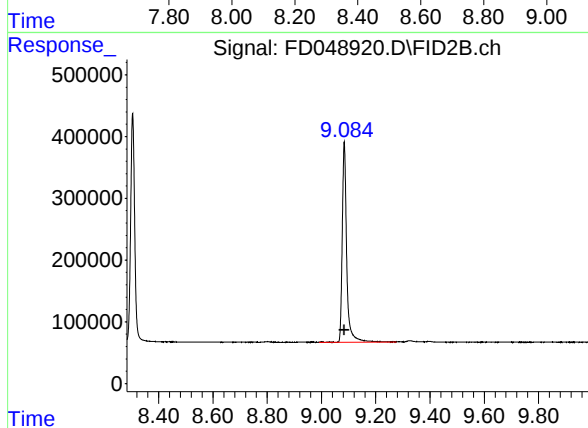
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2076504
Conc: 20.00 ug/ml



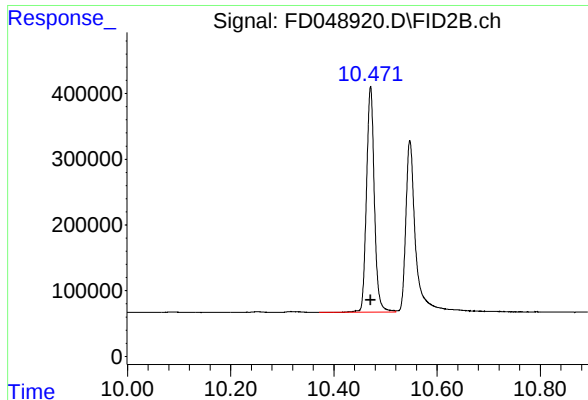
#7 Acenaphthene (C15.5)

R.T.: 8.304 min
Delta R.T.: 0.000 min
Response: 3876852
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

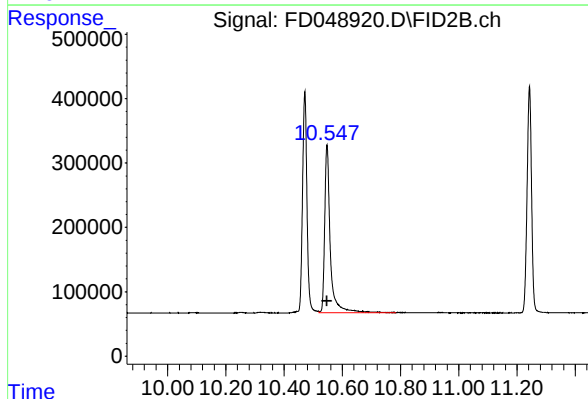
R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 3681550
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

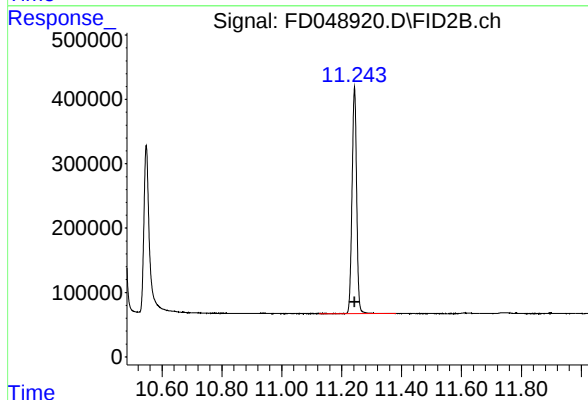
R.T.: 10.471 min
Delta R.T.: 0.000 min
Response: 3636561
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



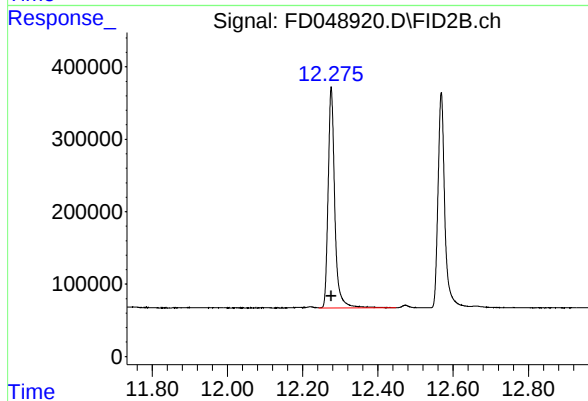
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 3502066
Conc: 20.00 ug/ml



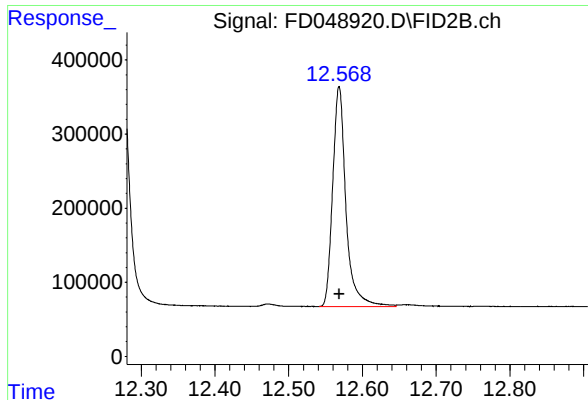
#11 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 3765700
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

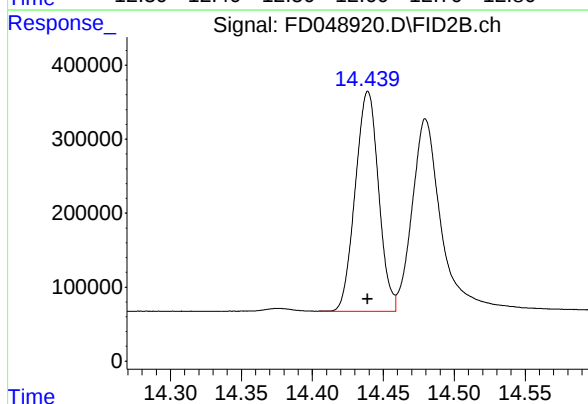
R.T.: 12.276 min
Delta R.T.: 0.000 min
Response: 3752914
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

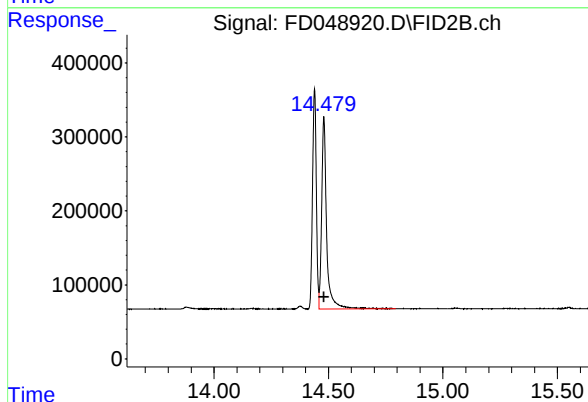
R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 3711811
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



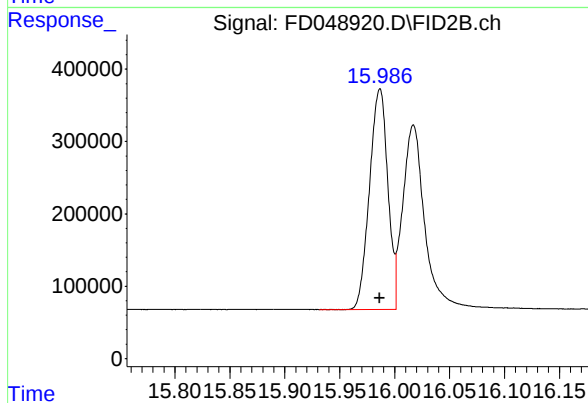
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: 0.000 min
Response: 3397008
Conc: 20.00 ug/ml



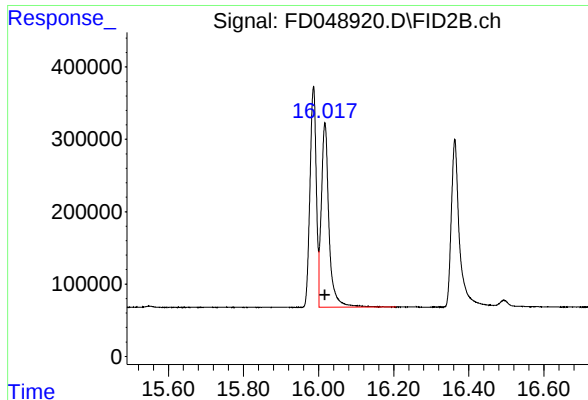
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.000 min
Response: 3919684
Conc: 20.00 ug/ml



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

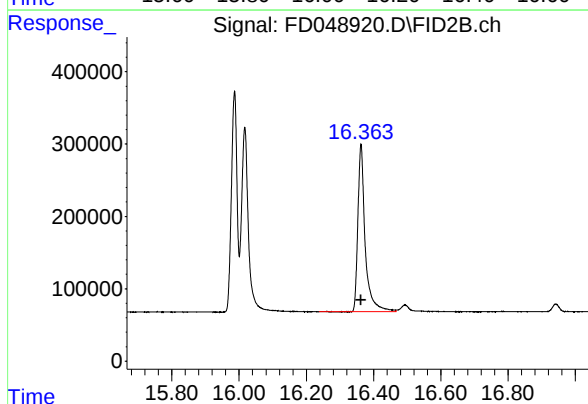
R.T.: 15.986 min
Delta R.T.: 0.000 min
Response: 3544834
Conc: 20.00 ug/ml



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

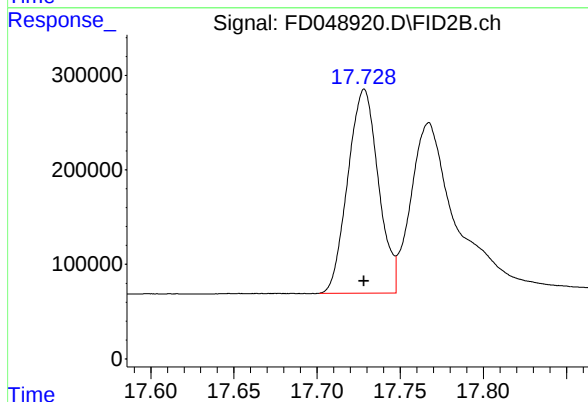
R.T.: 16.017 min
Delta R.T.: 0.000 min
Response: 3616431
Conc: 20.00 ug/ml

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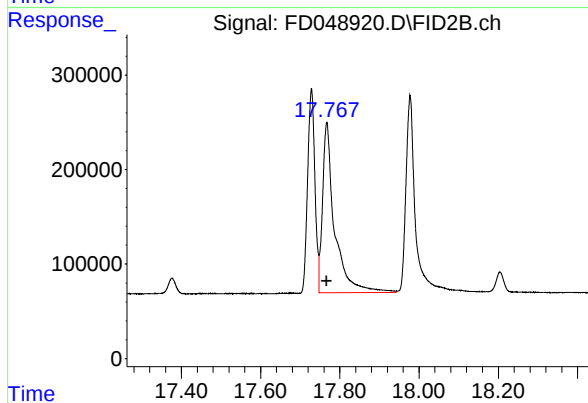
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: 0.000 min
Response: 3496675
Conc: 20.00 ug/ml



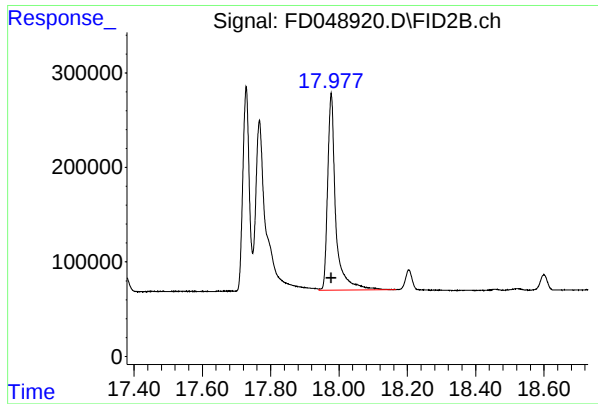
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 2760441
Conc: 20.00 ug/ml



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

R.T.: 17.767 min
Delta R.T.: 0.000 min
Response: 3819269
Conc: 20.00 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.000 min
Response: 3427368
Conc: 20.00 ug/ml

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