

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048570.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 16:25
 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: Oct 23 17:10:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:09:25 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...	7.372	3046545	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.222	1998164	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.258	3391146	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	3464073	20.000 ug/ml
2) T Naphthalene (C11.7)	5.713	3597996	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	3595810	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.025	3519888	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.319	3544868	20.000 ug/ml
8) T Fluorene (C16.55)	9.097	3404430	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.485	3327445	20.000 ug/ml
10) T Anthracene (C19.43)	10.560	3212978	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.288	3291616	20.000 ug/ml
13) T Pyrene (C20.8)	12.581	3226732	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.451	2984688	20.000 ug/ml
15) T Chrysene (C27.41)	14.492	3250919	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.997	3074553	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	3023398	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	3026012	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	2636324	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	3263027	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	3076637	20.000 ug/ml

(f)=RT Delta > 1/2 Window

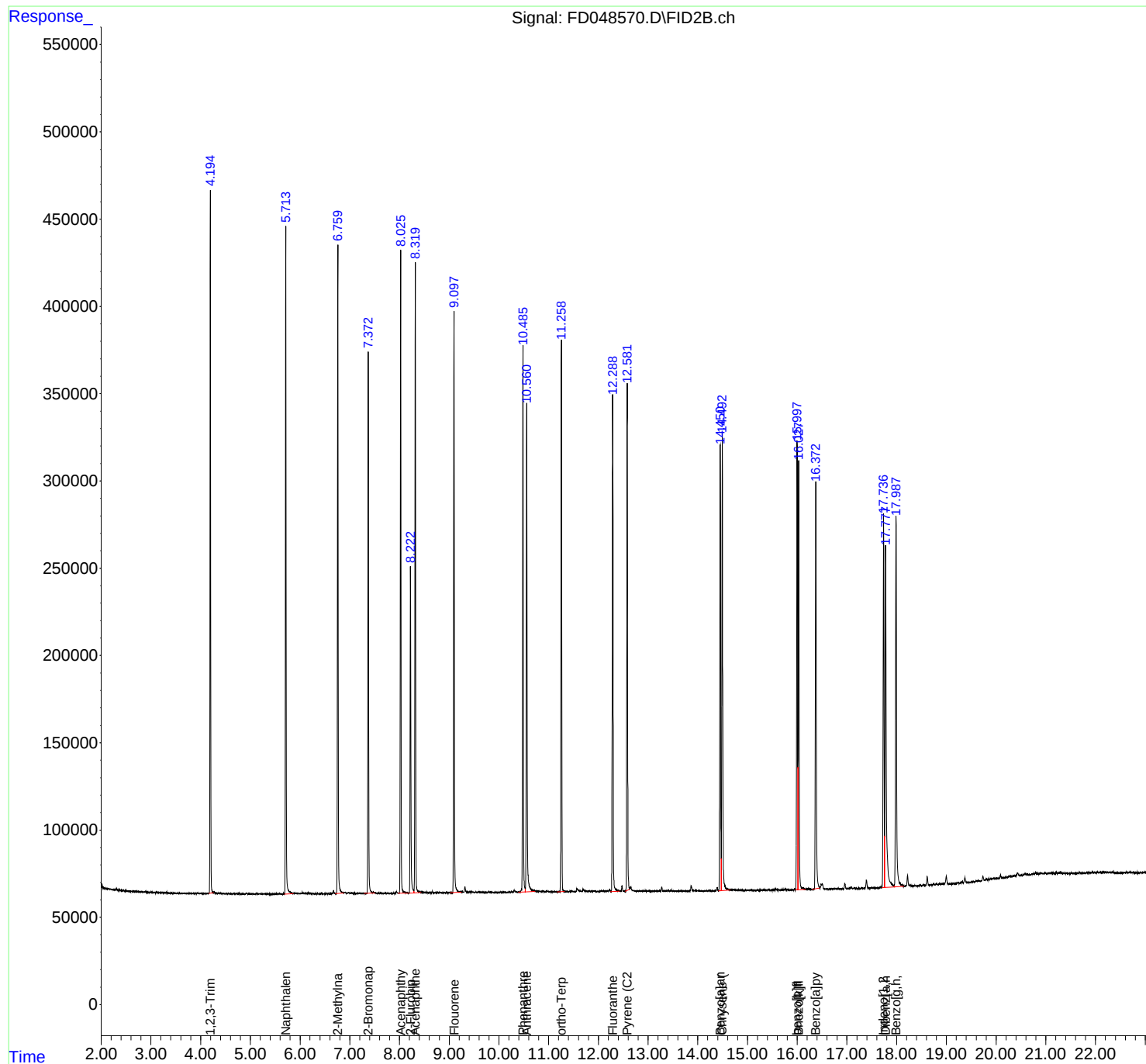
(m)=manual int.

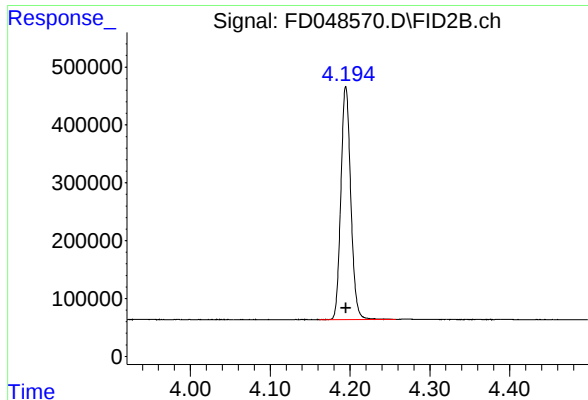
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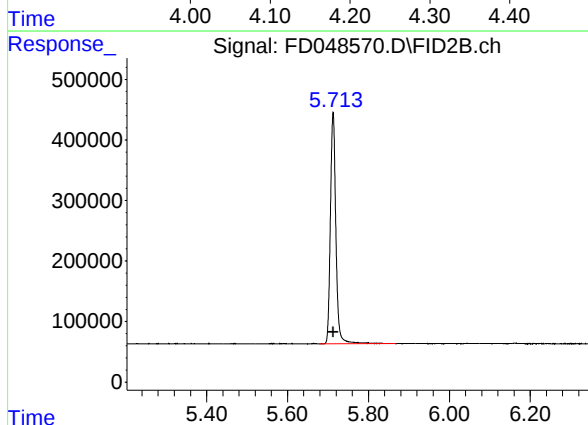




#1 1,2,3-Trimethylbenzene (C10.1)

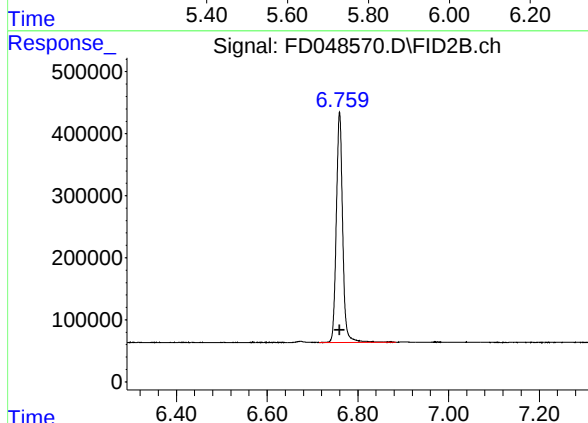
R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 3464073
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



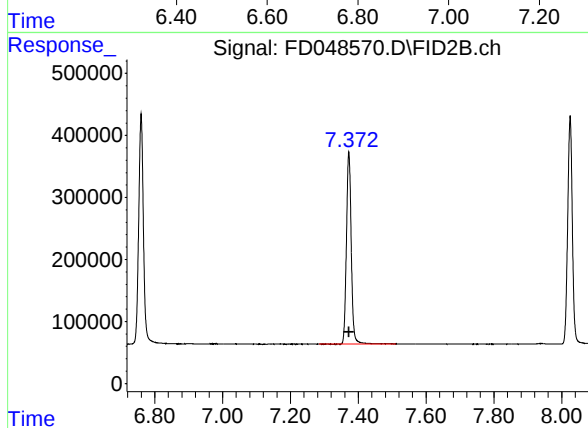
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 3597996
Conc: 20.00 ug/ml



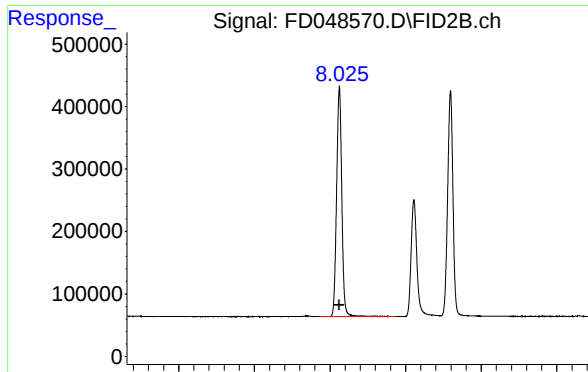
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 3595810
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

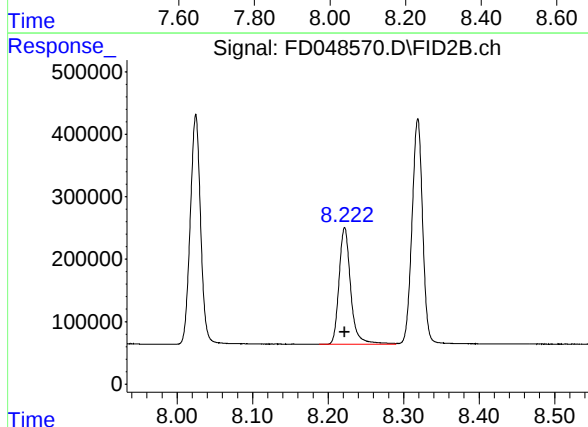
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3046545
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

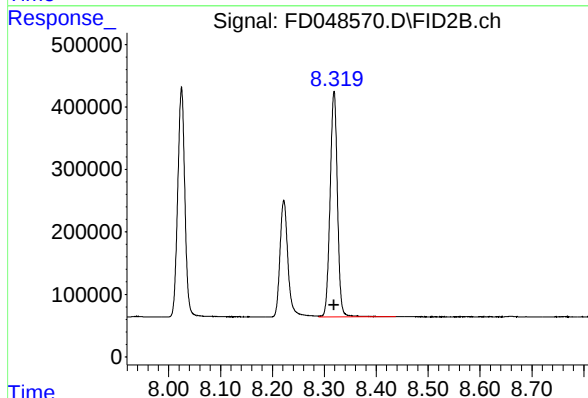
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 3519888
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



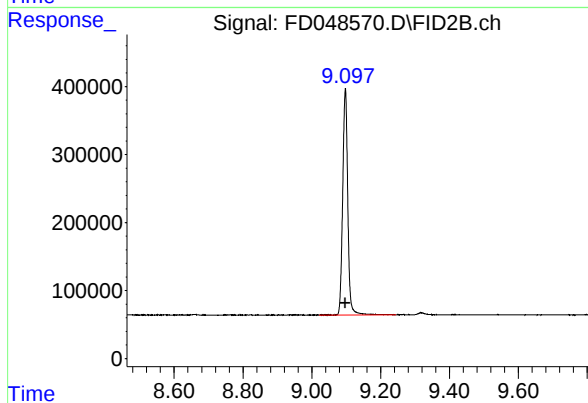
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 1998164
Conc: 20.00 ug/ml



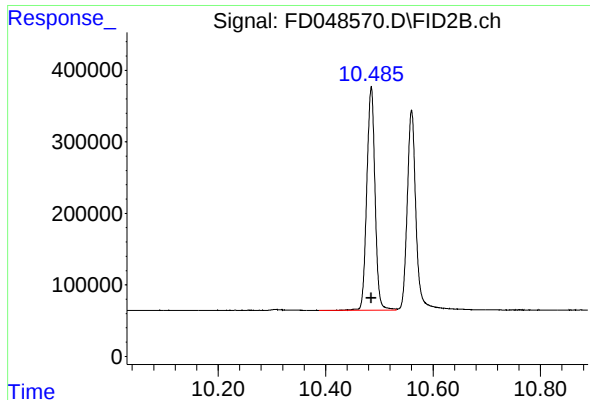
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3544868
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

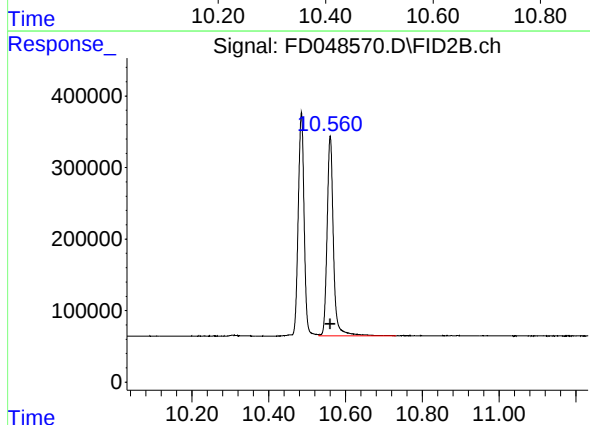
R.T.: 9.097 min
Delta R.T.: 0.000 min
Response: 3404430
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

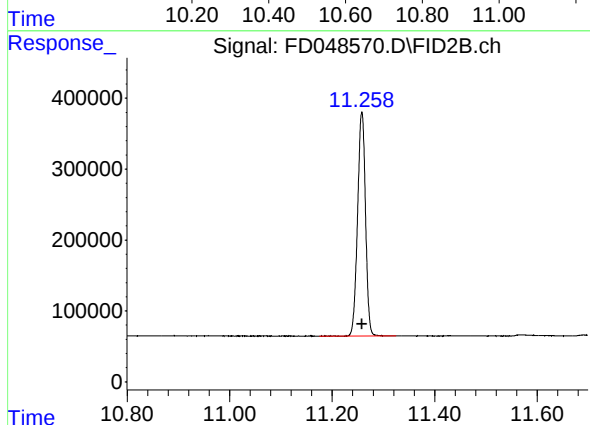
R.T.: 10.485 min
Delta R.T.: 0.000 min
Response: 3327445
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



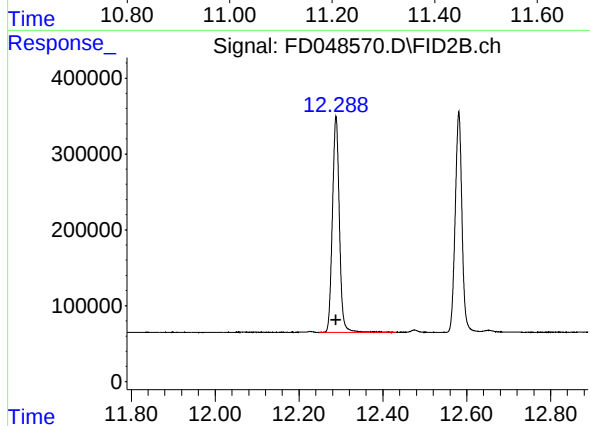
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: 0.000 min
Response: 3212978
Conc: 20.00 ug/ml



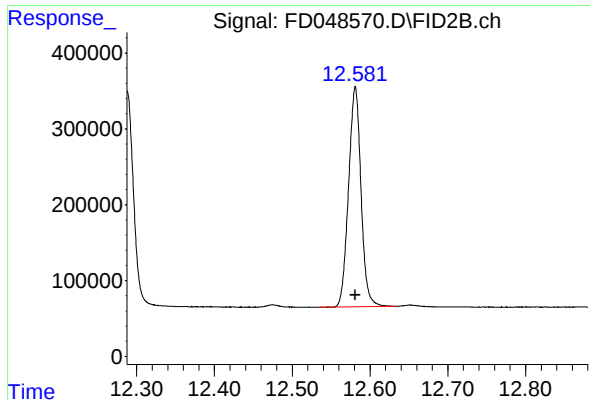
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 3391146
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

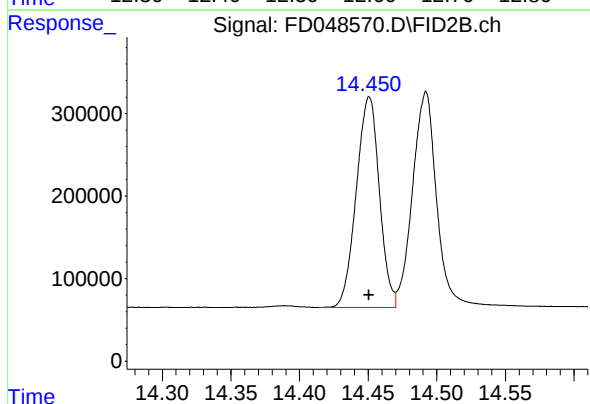
R.T.: 12.288 min
Delta R.T.: 0.000 min
Response: 3291616
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

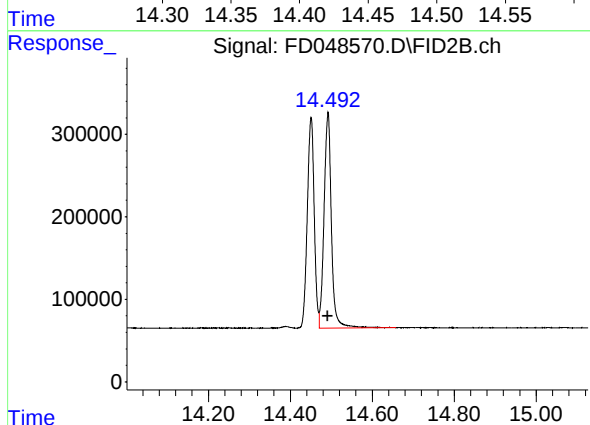
R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 3226732
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



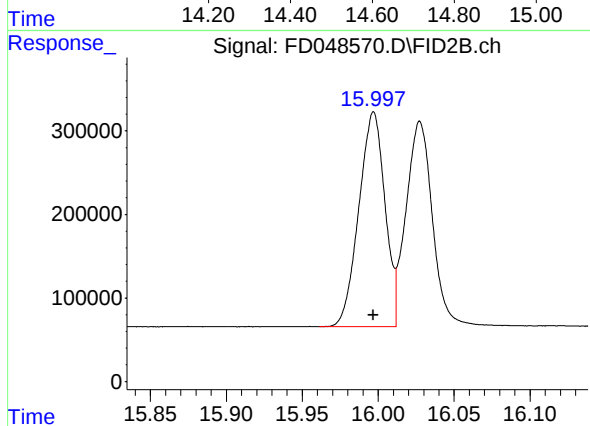
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: 0.000 min
Response: 2984688
Conc: 20.00 ug/ml



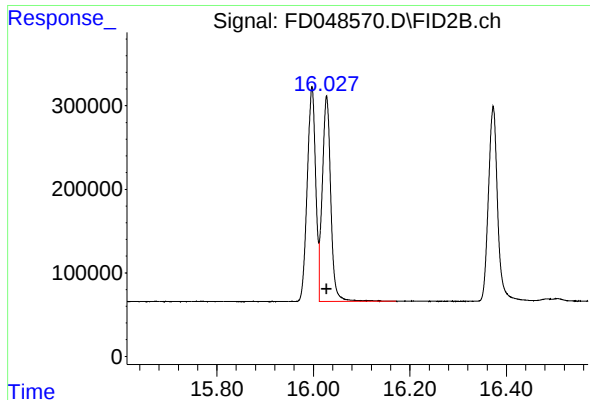
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 3250919
Conc: 20.00 ug/ml



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

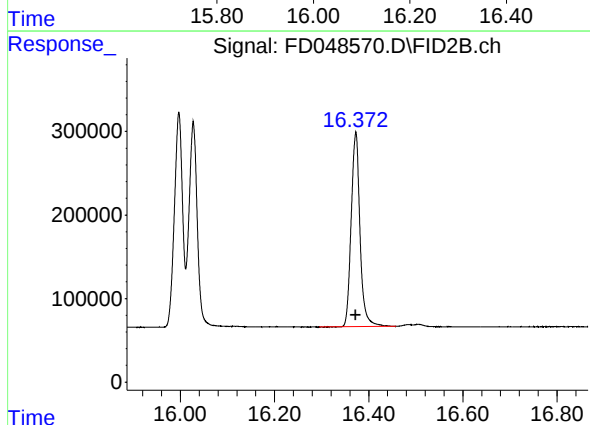
R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 3074553
Conc: 20.00 ug/ml



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

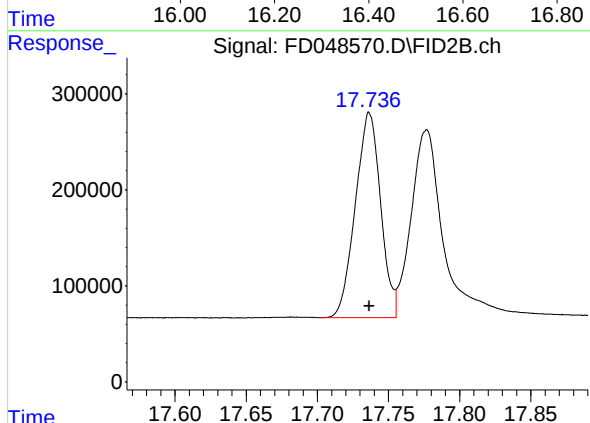
R.T.: 16.027 min
Delta R.T.: 0.000 min
Response: 3023398
Conc: 20.00 ug/ml

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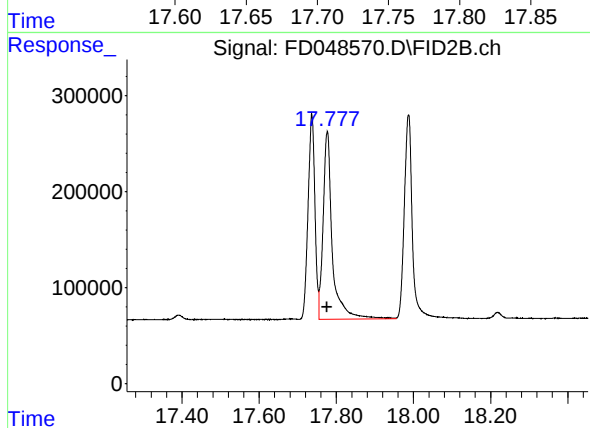
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: 0.000 min
Response: 3026012
Conc: 20.00 ug/ml



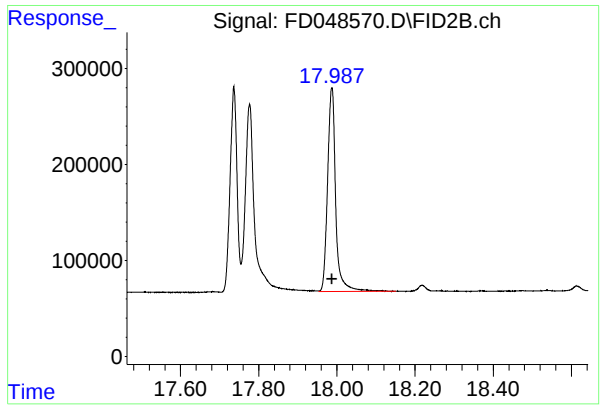
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 2636324
Conc: 20.00 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.000 min
Response: 3263027
Conc: 20.00 ug/ml



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

R.T.: 17.987 min
Delta R.T.: 0.000 min
Response: 3076637
Conc: 20.00 ug/ml

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