

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
 Data File : FD043270.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2022 18:41
 Operator : YP/AJ
 Sample : N3664-03MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-3MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 03:35:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.622	6288506	40.726 ug/ml
Spiked Amount 50.000		Recovery =	81.45%
6) S 2-Fluorobiphenyl (SURR)	8.485	4200235	39.822 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.64%
11) S ortho-Terphenyl (SURR)	11.535	10901490	59.981 ug/ml
Spiked Amount 50.000		Recovery =	119.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	4725988	28.139 ug/mlm
2) T Naphthalene (C11.7)	5.955	5258693	30.037 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	5381376	33.457 ug/ml
5) T Acenaphthylene (C15.06)	8.287	5490578	30.890 ug/ml
7) T Acenaphthene (C15.5)	8.585	5989187	34.202 ug/ml
8) T Flouorene (C16.55)	9.366	6067226	35.002 ug/ml
9) T Phenanthrene (C19.36)	10.765	6287931	36.662 ug/ml
10) T Anthracene (C19.43)	10.840	6265255	36.877 ug/ml
12) T Fluoranthene (C21.85)	12.578	6358883	37.915 ug/ml
13) T Pyrene (C20.8)	12.876	6306092	38.695 ug/mlm
14) T Benzo[a]anthracene (C...	14.749	5530776	35.614 ug/ml
15) T Chrysene (C27.41)	14.792	6692468	42.403 ug/ml
16) T benzo[b]fluoranthene ...	16.300	5387036	35.340 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	5149802	35.186 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	4532616	31.689 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	4367723	34.904 ug/mlm
20) T Dibenz[a,h]anthracene...	18.082	4220950	31.397 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	4740454	36.345 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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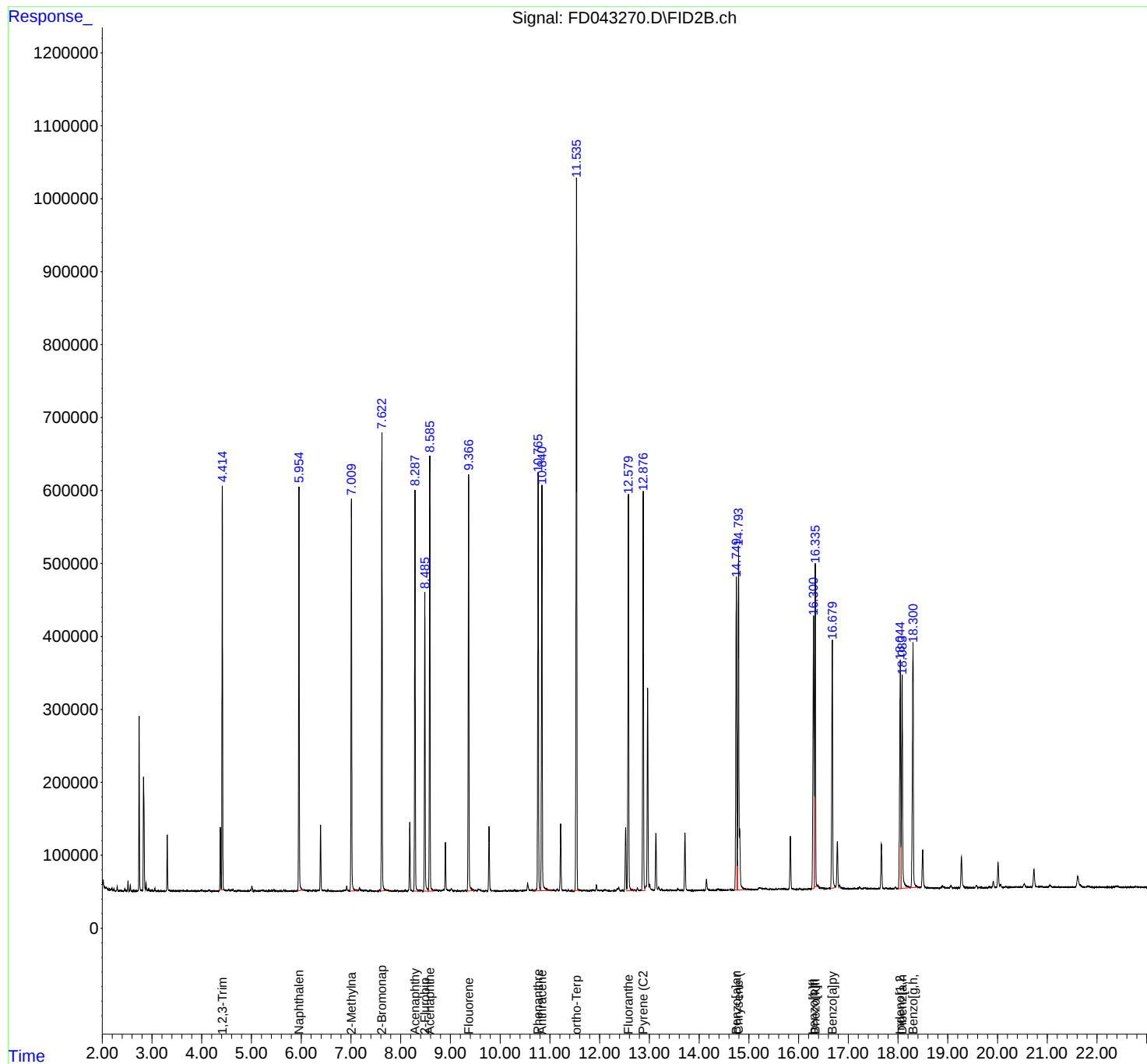
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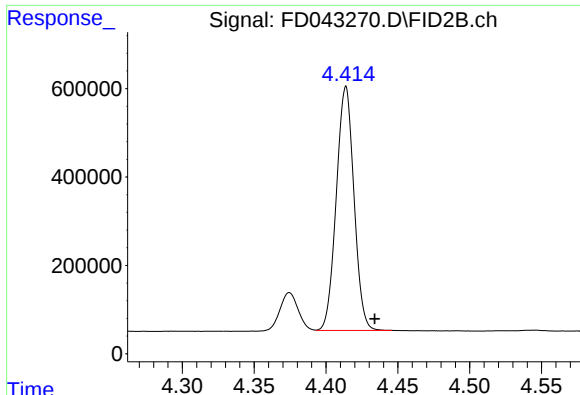
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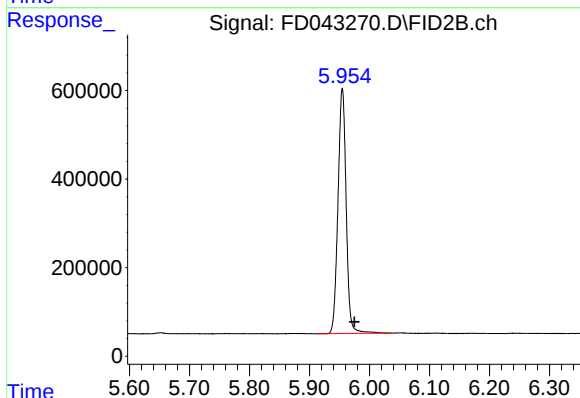
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.414 min
Delta R.T.: -0.020 min
Response: 4725988
Conc: 28.14 ug/ml

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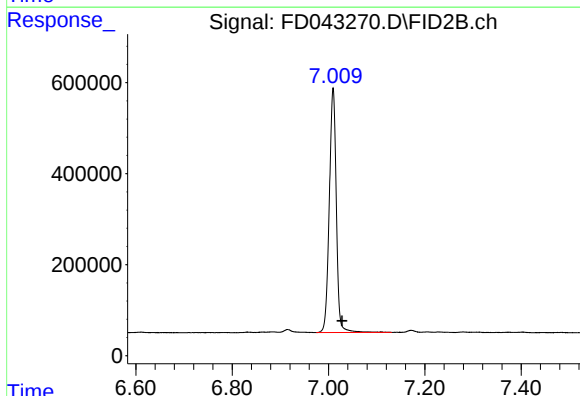
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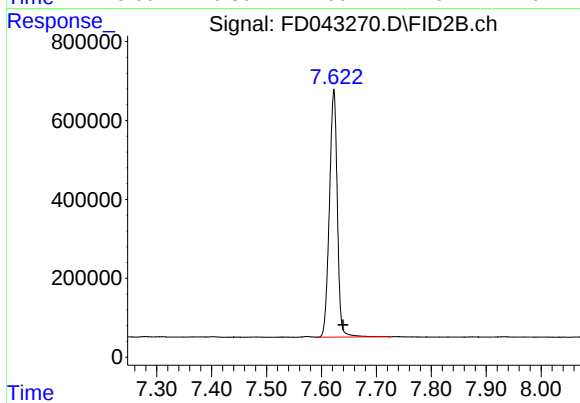
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 5258693
Conc: 30.04 ug/ml



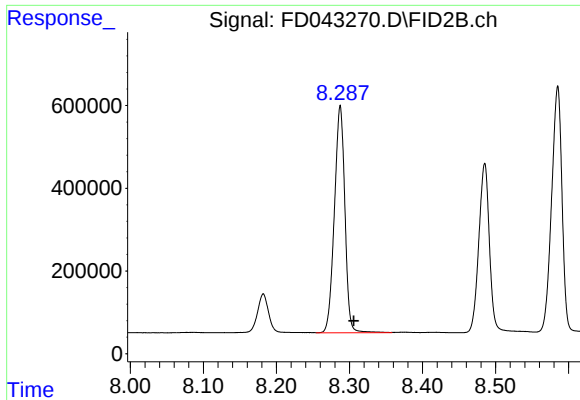
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 5381376
Conc: 33.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.017 min
Response: 6288506
Conc: 40.73 ug/ml



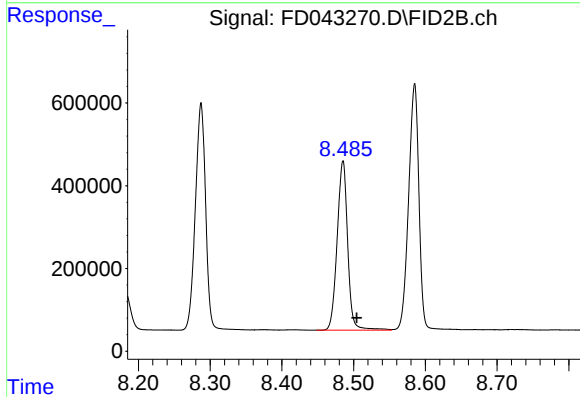
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 5490578
Conc: 30.89 ug/ml

Instrument :
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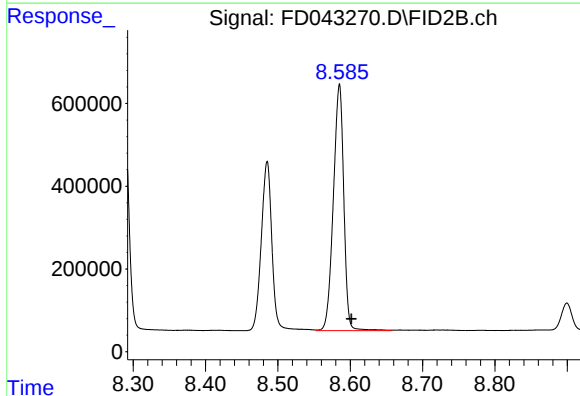
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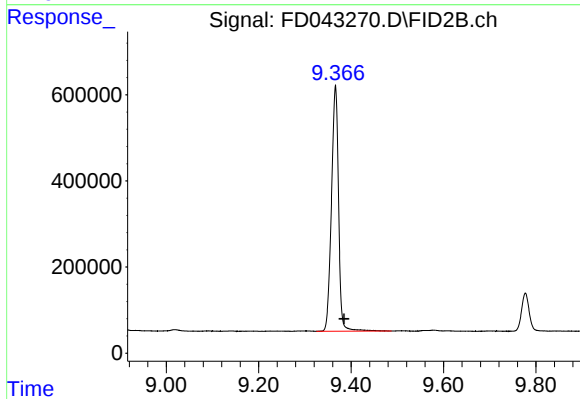
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.019 min
Response: 4200235
Conc: 39.82 ug/ml



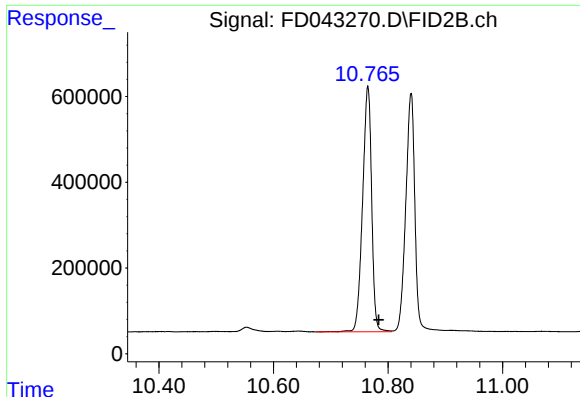
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.017 min
Response: 5989187
Conc: 34.20 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: -0.019 min
Response: 6067226
Conc: 35.00 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 6287931
Conc: 36.66 ug/ml

Instrument :

FID_D

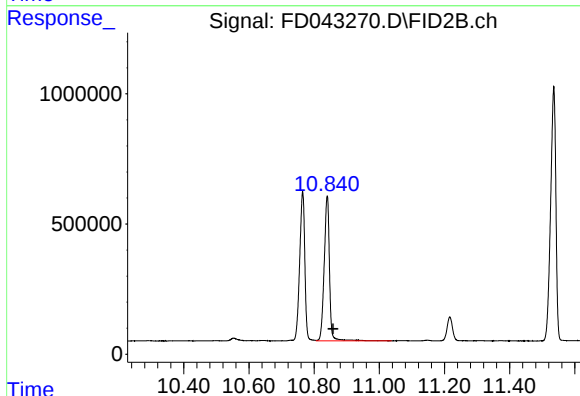
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T-3MS

Manual Integrations

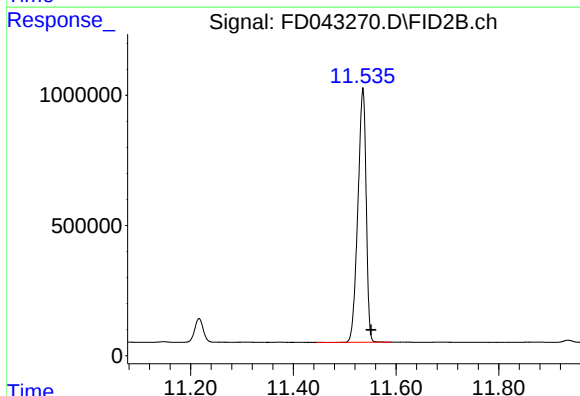
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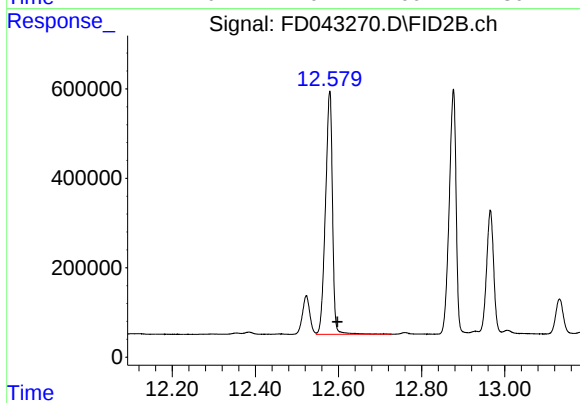
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: -0.018 min
Response: 6265255
Conc: 36.88 ug/ml



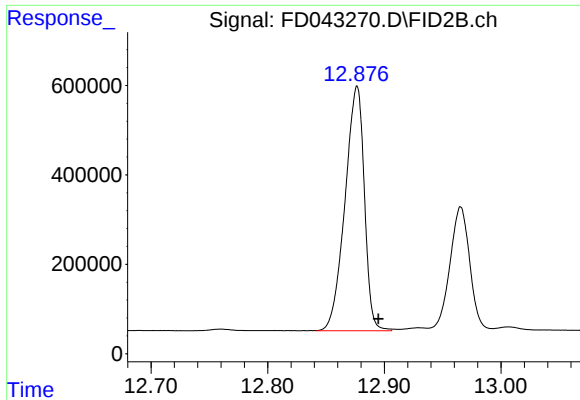
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 10901490
Conc: 59.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.578 min
Delta R.T.: -0.019 min
Response: 6358883
Conc: 37.91 ug/ml



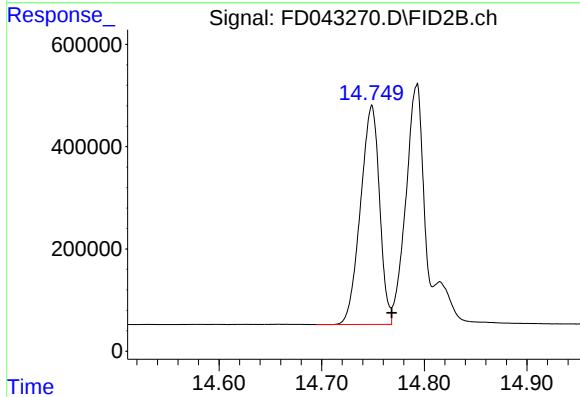
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 6306092
Conc: 38.70 ug/ml

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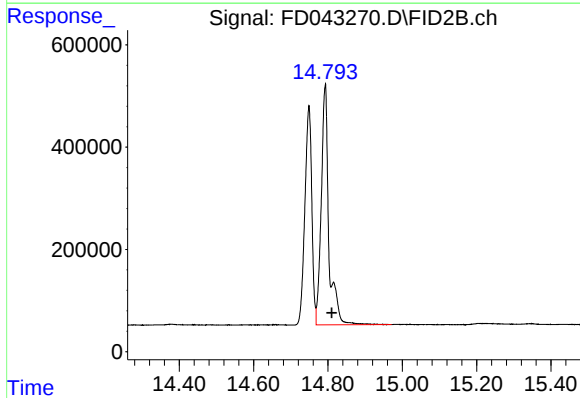
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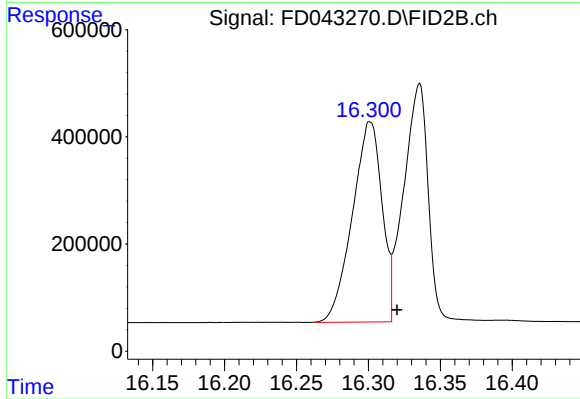
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.749 min
Delta R.T.: -0.020 min
Response: 5530776
Conc: 35.61 ug/ml



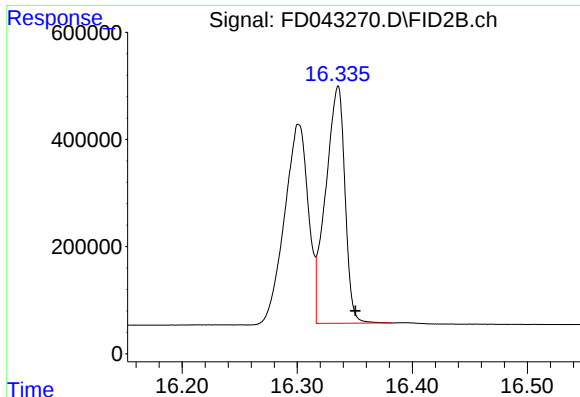
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: -0.018 min
Response: 6692468
Conc: 42.40 ug/ml



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

R.T.: 16.300 min
Delta R.T.: -0.019 min
Response: 5387036
Conc: 35.34 ug/ml m



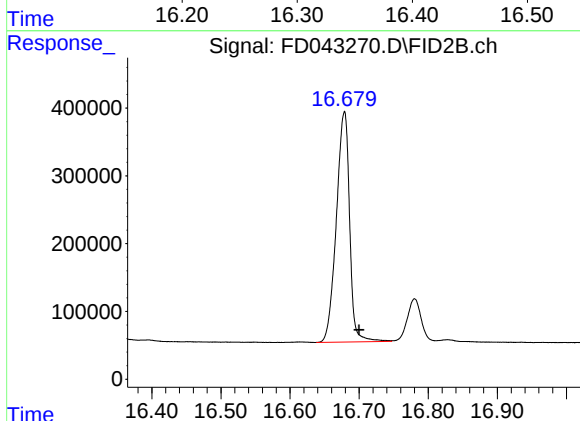
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.016 min
Response: 5149802
Conc: 35.19 ug/ml

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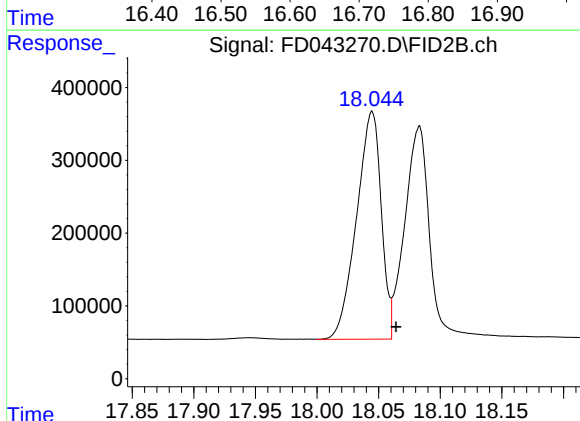
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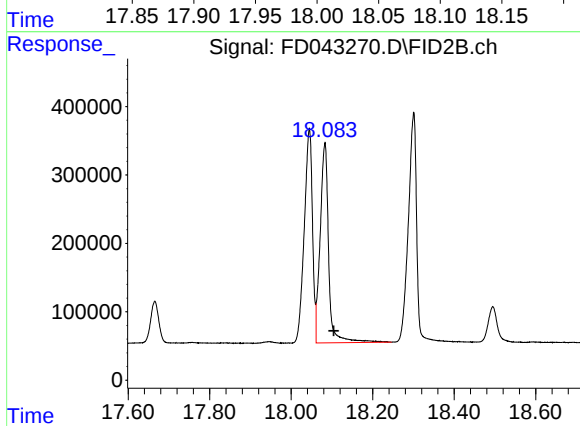
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.022 min
Response: 4532616
Conc: 31.69 ug/ml



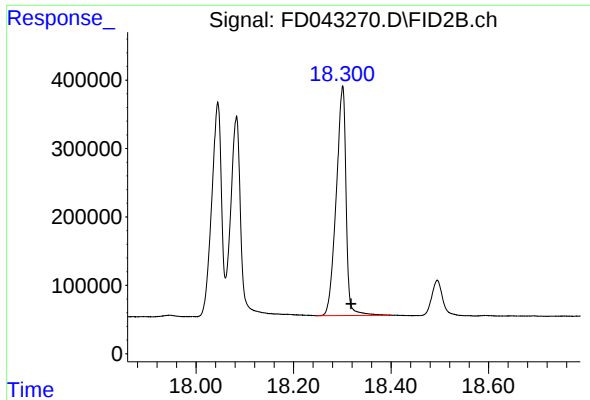
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: -0.020 min
Response: 4367723
Conc: 34.90 ug/ml m



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

R.T.: 18.082 min
Delta R.T.: -0.022 min
Response: 4220950
Conc: 31.40 ug/ml



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

R.T.: 18.300 min
Delta R.T.: -0.018 min
Response: 4740454
Conc: 36.34 ug/ml

Instrument :

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