

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AR\
 Data File : FD043726.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 01:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 24 02:41:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 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...	7.485	3669158	21.236 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
6) S 2-Fluorobiphenyl (SURR)	8.342	2102934	20.905 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.81%
11) S ortho-Terphenyl (SURR)	11.375	4188649	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	3944560	19.807 ug/ml
2) T Naphthalene (C11.7)	5.824	4015222	19.976 ug/ml
3) T 2-Methylnaphthalene (...)	6.872	3613155	20.018 ug/ml
5) T Acenaphthylene (C15.06)	8.144	3998053	20.001 ug/ml
7) T Acenaphthene (C15.5)	8.435	4198819	19.533 ug/ml
8) T Flouorene (C16.55)	9.218	3889167	20.286 ug/ml
9) T Phenanthrene (C19.36)	10.611	3683177	20.482 ug/ml
10) T Anthracene (C19.43)	10.687	3897259	20.037 ug/ml
12) T Fluoranthene (C21.85)	12.418	3720387	20.401 ug/ml
13) T Pyrene (C20.8)	12.713	3802412	20.370 ug/ml
14) T Benzo[a]anthracene (C...	14.582	3056595	21.363 ug/ml
15) T Chrysene (C27.41)	14.624	3769031	19.528 ug/ml
16) T benzo[b]fluoranthene ...	16.128	3030066	20.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.159	3452480	20.073 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	2931205	20.186 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	2132310	20.618 ug/mlm
20) T Dibenz[a,h]anthracene...	17.909	2958722	21.025 ug/ml
21) T Benzo[g,h,i]perylene ...	18.121	2591148	20.354 ug/ml

(f)=RT Delta > 1/2 Window

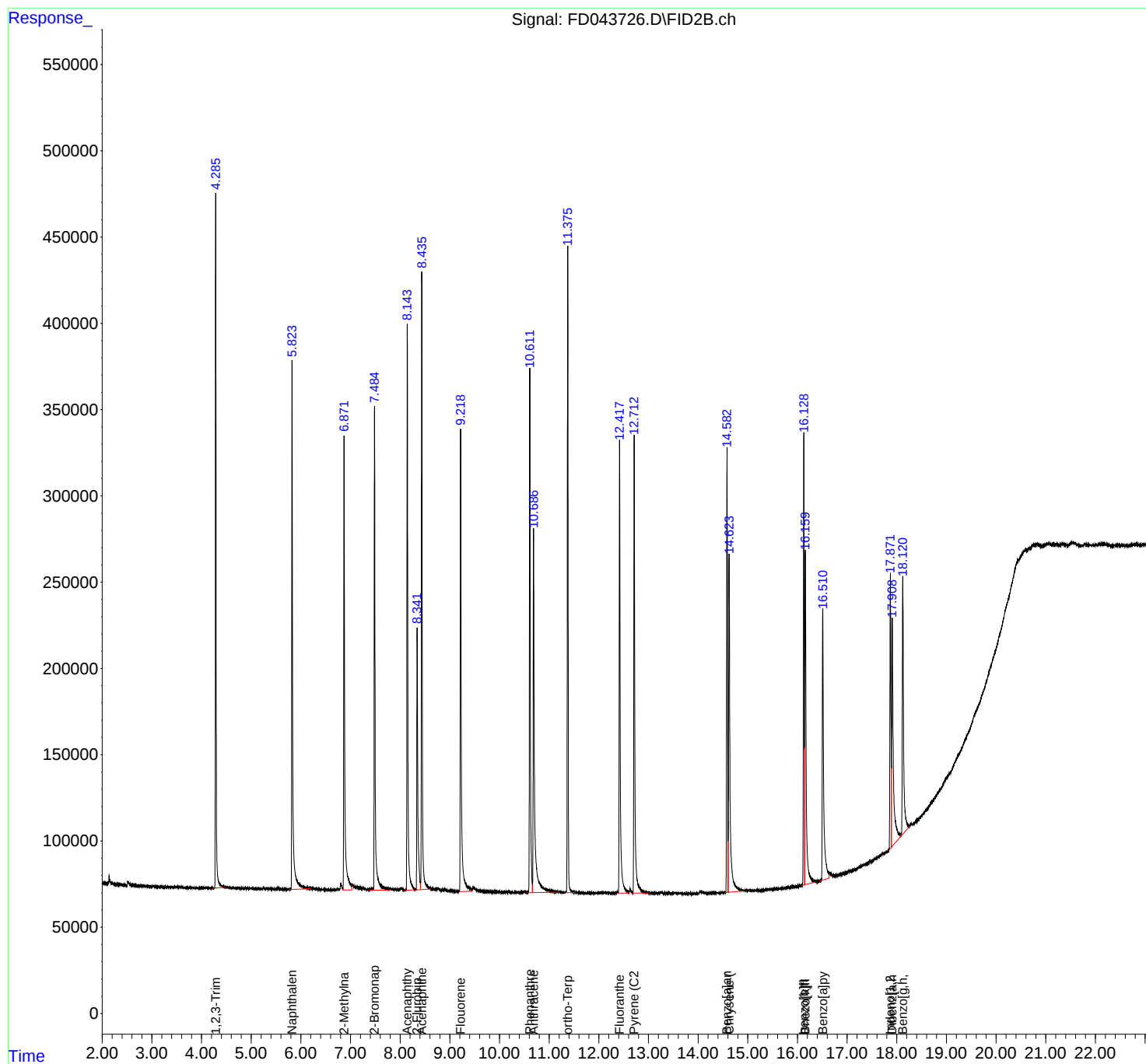
(m)=manual int.

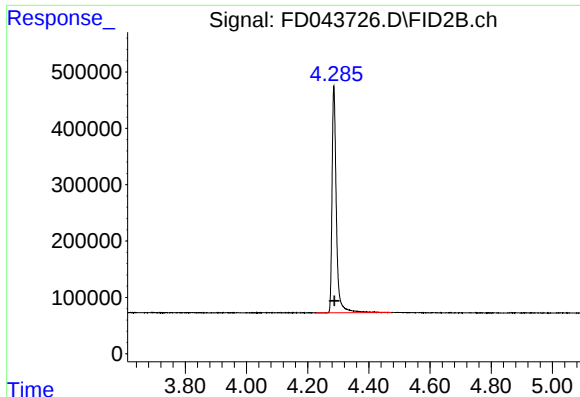
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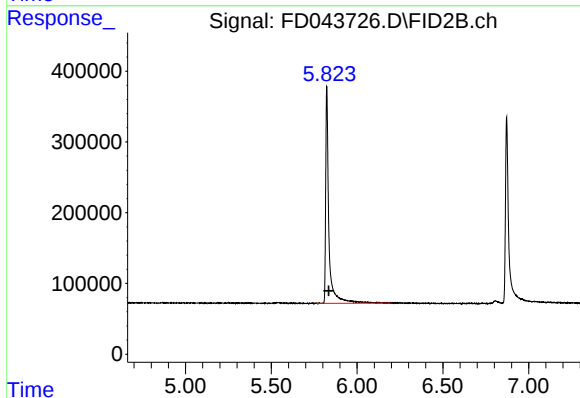




#1 1,2,3-Trimethylbenzene (C10.1)

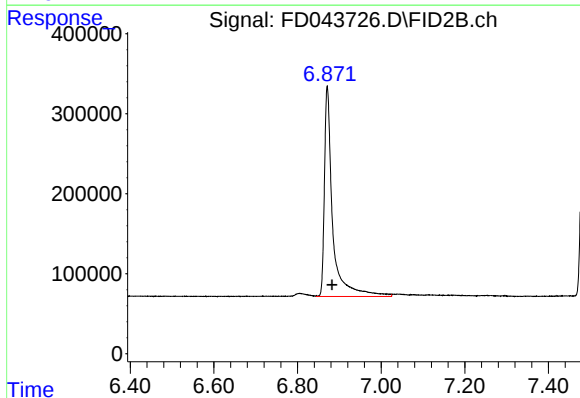
R.T.: 4.286 min
Delta R.T.: -0.002 min
Response: 3944560
Conc: 19.81 ug/ml

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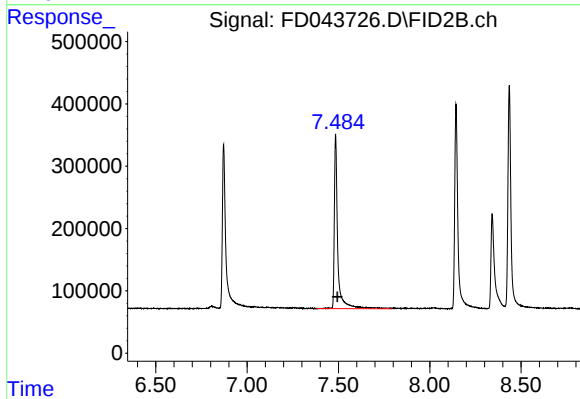
#2 Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: -0.010 min
Response: 4015222
Conc: 19.98 ug/ml



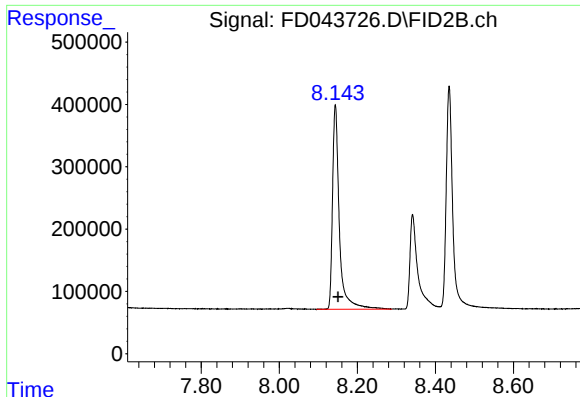
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.872 min
Delta R.T.: -0.011 min
Response: 3613155
Conc: 20.02 ug/ml



#4 2-Bromonaphthalene (SURR)

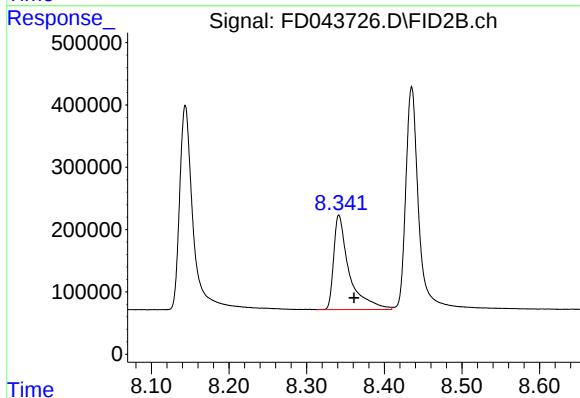
R.T.: 7.485 min
Delta R.T.: -0.009 min
Response: 3669158
Conc: 21.24 ug/ml



#5 Acenaphthylene (C15.06)

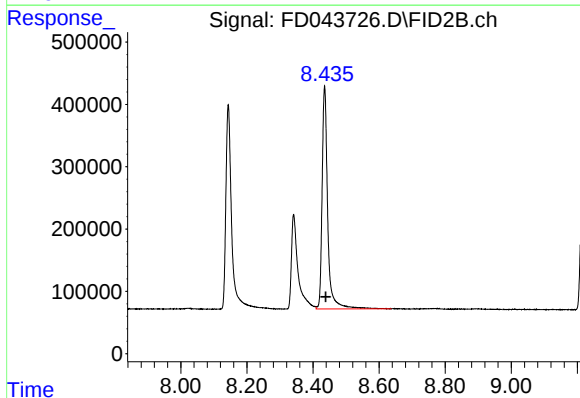
R.T.: 8.144 min
Delta R.T.: -0.007 min
Response: 3998053
Conc: 20.00 ug/ml

Instrument :
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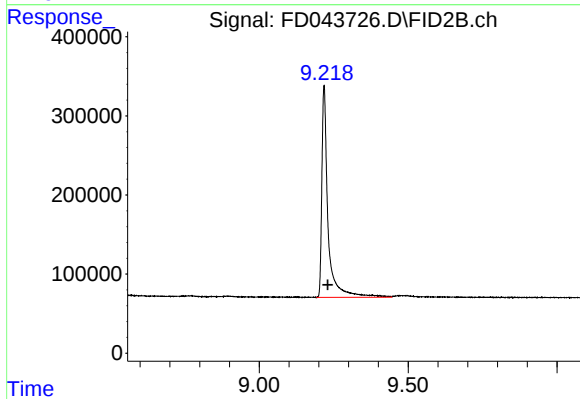
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.342 min
Delta R.T.: -0.019 min
Response: 2102934
Conc: 20.91 ug/ml



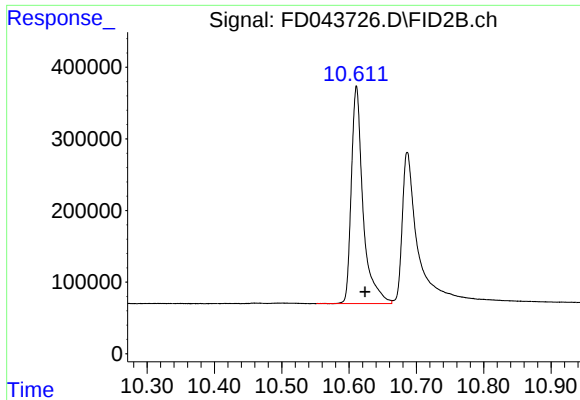
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.003 min
Response: 4198819
Conc: 19.53 ug/ml



#8 Fluorene (C16.55)

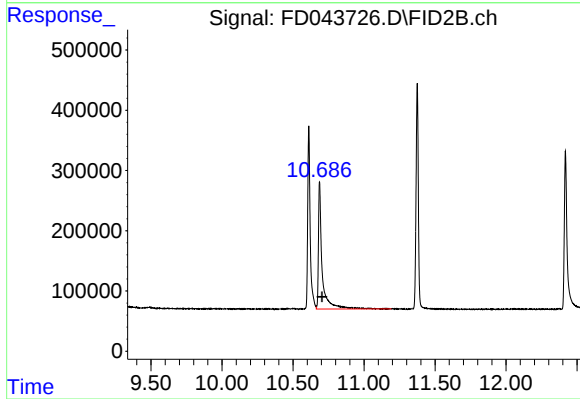
R.T.: 9.218 min
Delta R.T.: -0.012 min
Response: 3889167
Conc: 20.29 ug/ml



#9 Phenanthrene (C19.36)

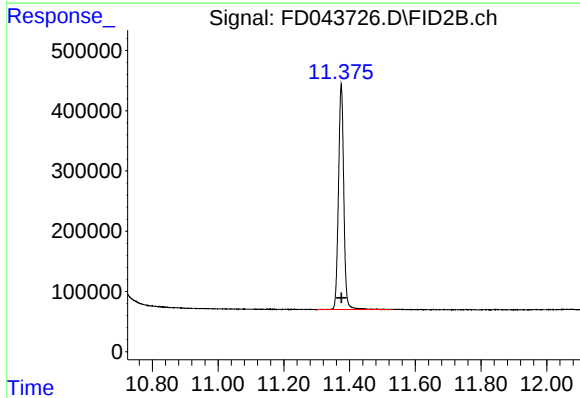
R.T.: 10.611 min
Delta R.T.: -0.012 min
Response: 3683177
Conc: 20.48 ug/ml

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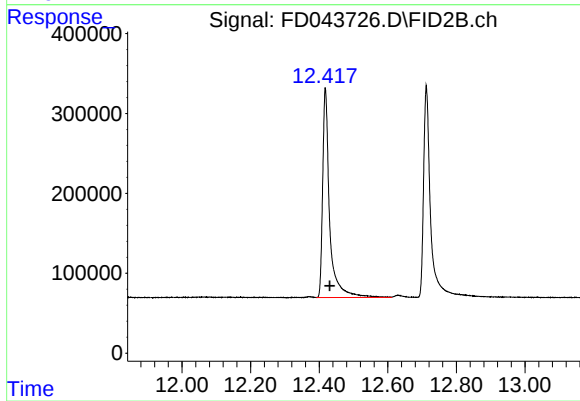
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: -0.018 min
Response: 3897259
Conc: 20.04 ug/ml



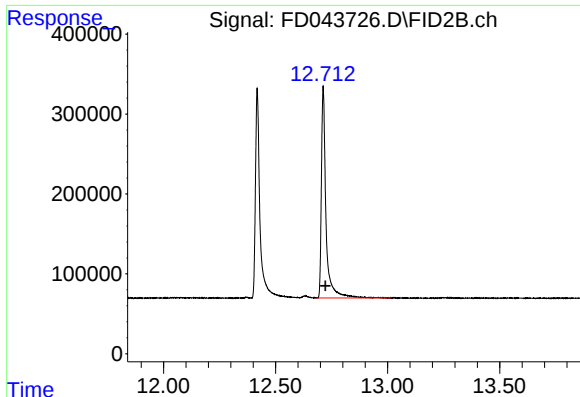
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 4188649
Conc: 20.02 ug/ml



#12 Fluoranthene (C21.85)

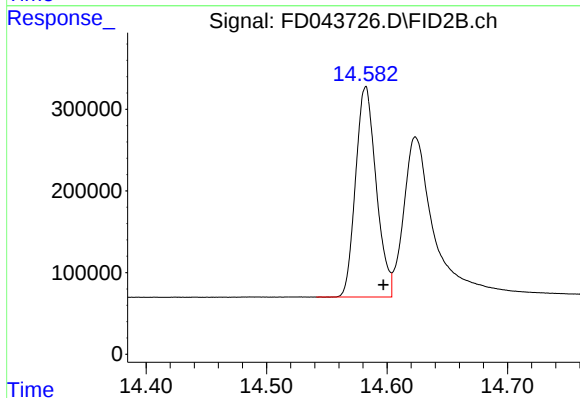
R.T.: 12.418 min
Delta R.T.: -0.012 min
Response: 3720387
Conc: 20.40 ug/ml



#13 Pyrene (C20.8)

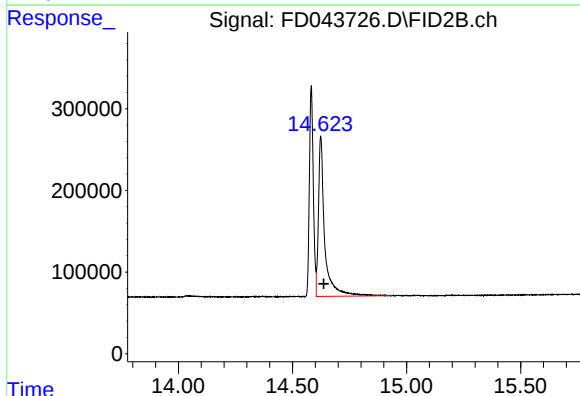
R.T.: 12.713 min
Delta R.T.: -0.011 min
Response: 3802412
Conc: 20.37 ug/ml

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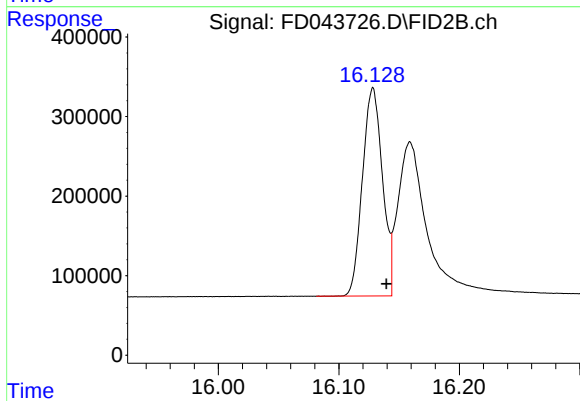
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.015 min
Response: 3056595
Conc: 21.36 ug/ml



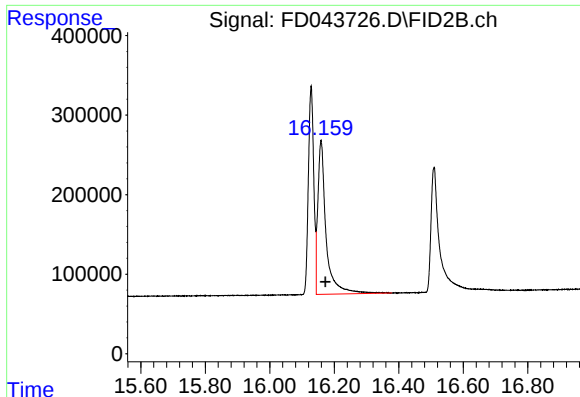
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.012 min
Response: 3769031
Conc: 19.53 ug/ml



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

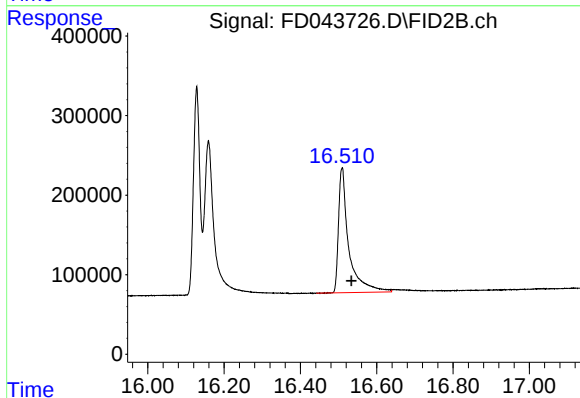
R.T.: 16.128 min
Delta R.T.: -0.011 min
Response: 3030066
Conc: 21.00 ug/ml



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

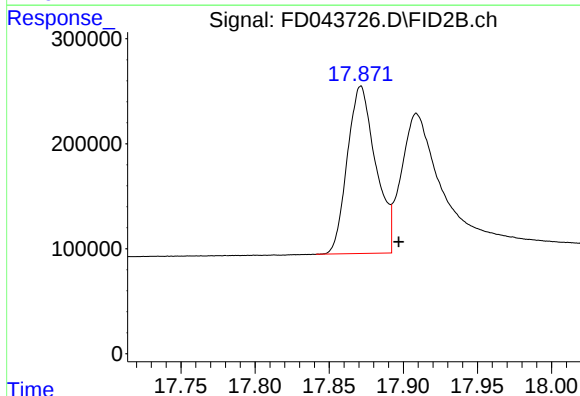
R.T.: 16.159 min
Delta R.T.: -0.013 min
Response: 3452480
Conc: 20.07 ug/ml

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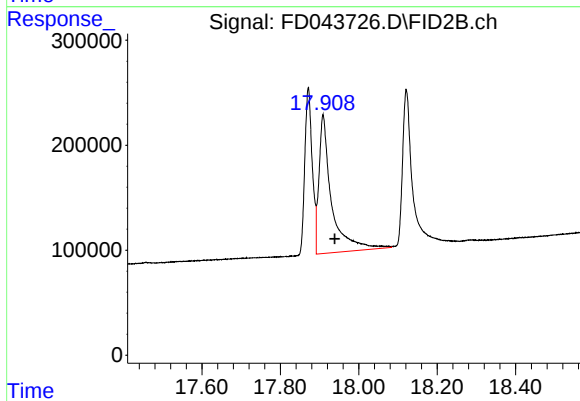
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: -0.024 min
Response: 2931205
Conc: 20.19 ug/ml



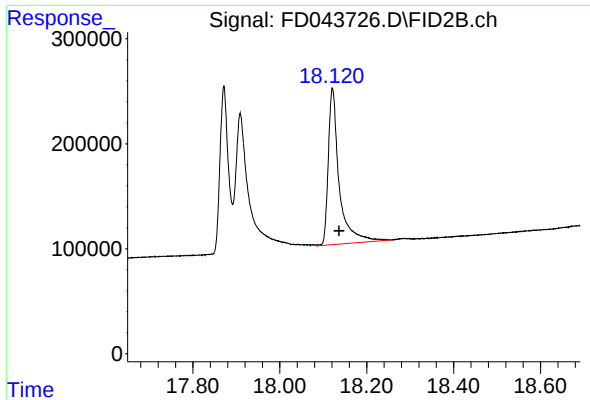
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.871 min
Delta R.T.: -0.026 min
Response: 2132310
Conc: 20.62 ug/ml m



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

R.T.: 17.909 min
Delta R.T.: -0.029 min
Response: 2958722
Conc: 21.03 ug/ml



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

R.T.: 18.121 min
Delta R.T.: -0.015 min
Response: 2591148
Conc: 20.35 ug/ml

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