

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112625AR\
 Data File : FF016824.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2025 23:40
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 01 08:20:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	8.004	2510355	21.893 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
6) S 2-Fluorobiphenyl (SURR)	8.879	1561325	22.027 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.05%
11) S ortho-Terphenyl (SURR)	11.944	3104088	21.094 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.597	2957226	21.523 ug/ml
2) T Naphthalene (C11.7)	6.274	2955843	21.733 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	3002642	22.185 ug/ml
5) T Acenaphthylene (C15.06)	8.678	2935502	21.460 ug/ml
7) T Acenaphthene (C15.5)	8.977	3060455	21.325 ug/ml
8) T Flouorene (C16.55)	9.767	2863091	21.568 ug/ml
9) T Phenanthrene (C19.36)	11.174	2784573	21.441 ug/ml
10) T Anthracene (C19.43)	11.250	2674216	21.016 ug/ml
12) T Fluoranthene (C21.85)	12.998	2796459	21.306 ug/ml
13) T Pyrene (C20.8)	13.297	2797286	21.240 ug/ml
14) T Benzo[a]anthracene (C...	15.182	2352376	21.853 ug/ml
15) T Chrysene (C27.41)	15.223	2881183	20.825 ug/ml
16) T benzo[b]fluoranthene ...	16.744	2555440	21.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.776	2702469	20.969 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.126	2595122	21.575 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.502	2142159	21.664 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	3221524	20.399 ug/ml
21) T Benzo[g,h,i]perylene ...	18.758	2709733	21.334 ug/ml

(f)=RT Delta > 1/2 Window

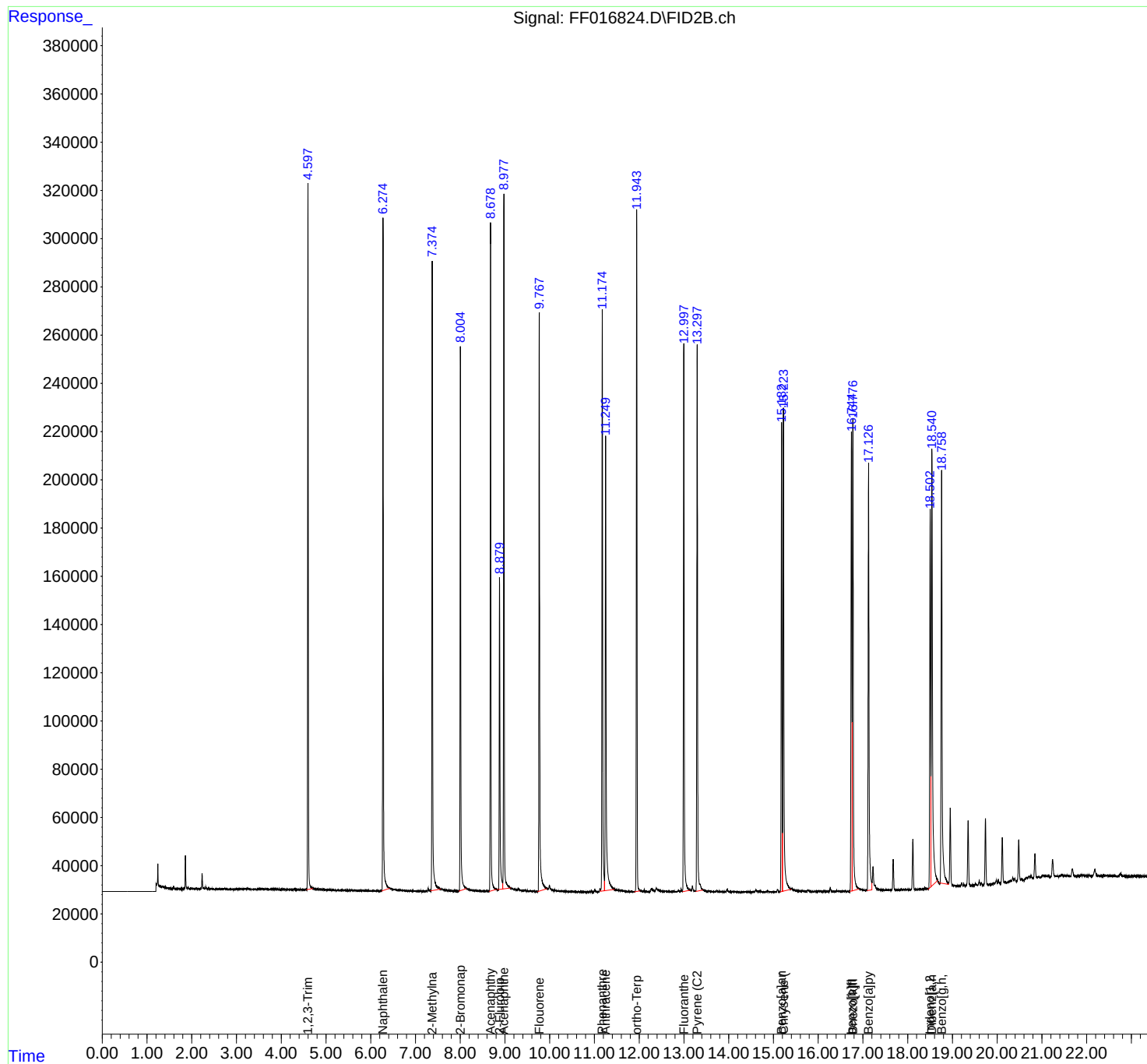
(m)=manual int.

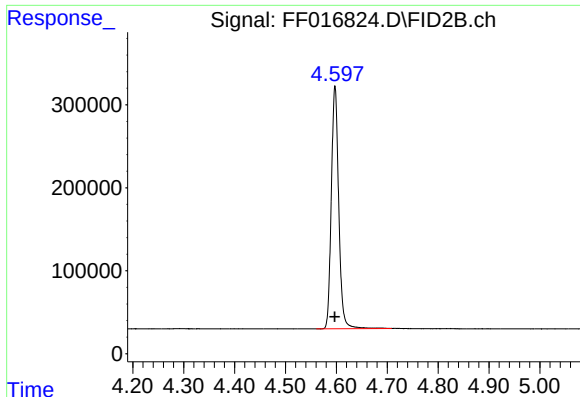
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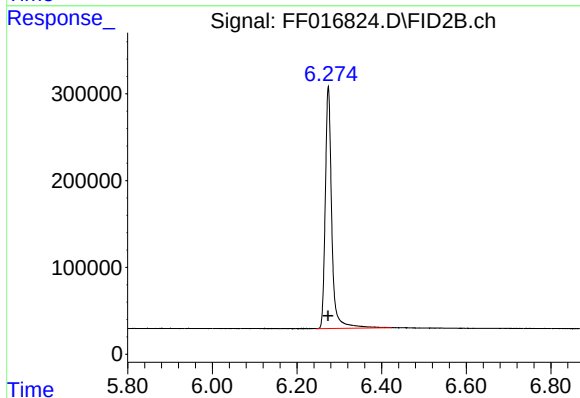




#1 1,2,3-Trimethylbenzene (C10.1)

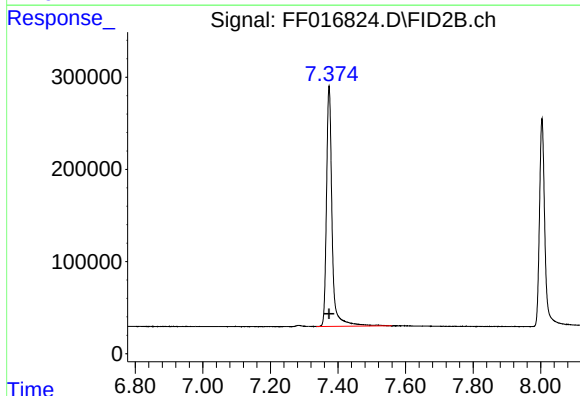
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 2957226
Conc: 21.52 ug/ml

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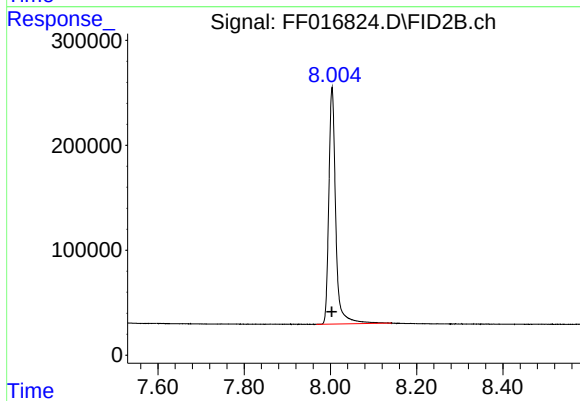
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2955843
Conc: 21.73 ug/ml



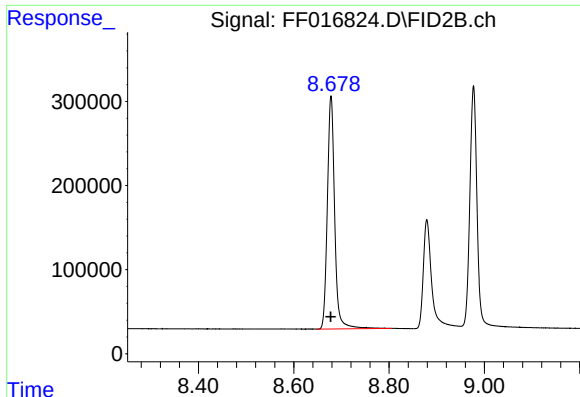
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 3002642
Conc: 22.19 ug/ml



#4 2-Bromonaphthalene (SURR)

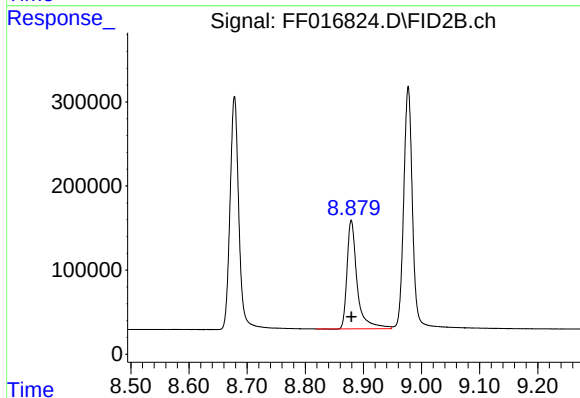
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 2510355
Conc: 21.89 ug/ml



#5 Acenaphthylene (C15.06)

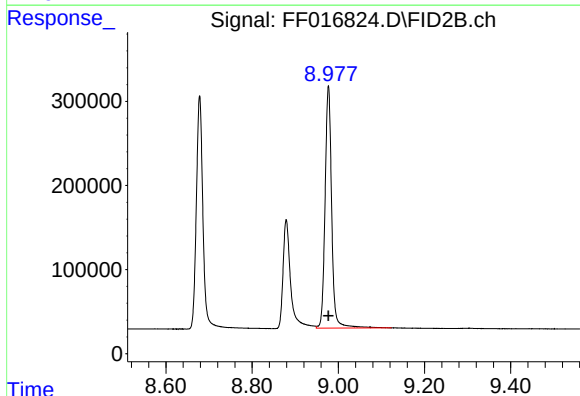
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2935502
Conc: 21.46 ug/ml

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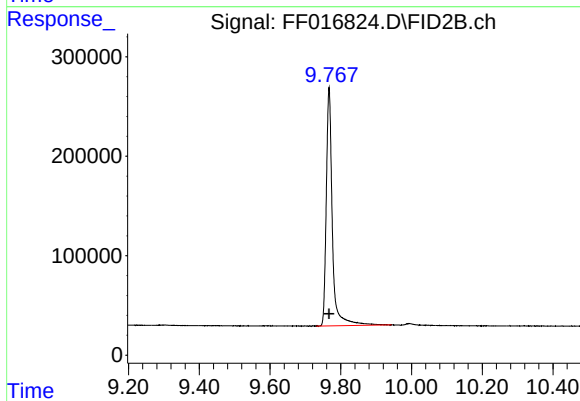
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 1561325
Conc: 22.03 ug/ml



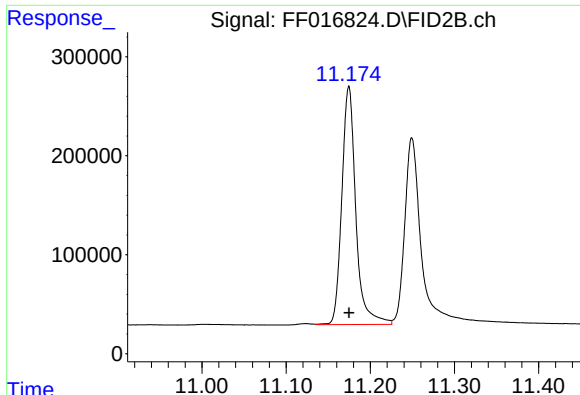
#7 Acenaphthene (C15.5)

R.T.: 8.977 min
Delta R.T.: 0.000 min
Response: 3060455
Conc: 21.33 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.767 min
Delta R.T.: 0.000 min
Response: 2863091
Conc: 21.57 ug/ml



#9 Phenanthrene (C19.36)

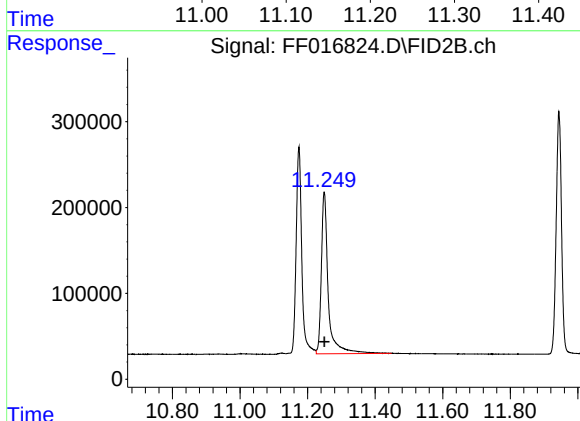
R.T.: 11.174 min
Delta R.T.: 0.000 min
Response: 2784573
Conc: 21.44 ug/ml

Instrument :

FID_F

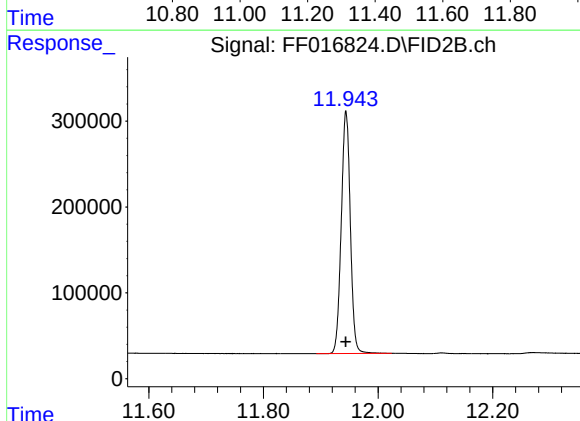
ClientSampleId :

20 PPM AROMATIC HC STD ICV



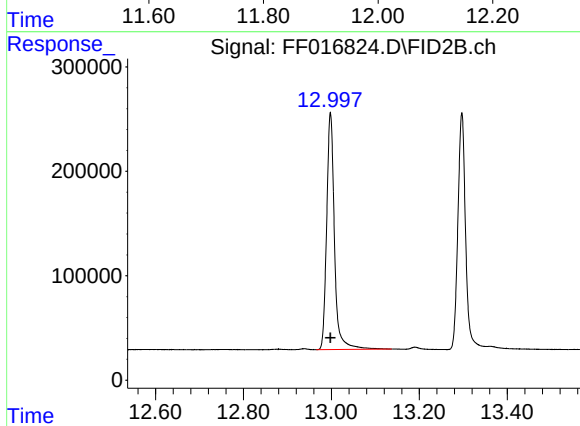
#10 Anthracene (C19.43)

R.T.: 11.250 min
Delta R.T.: 0.000 min
Response: 2674216
Conc: 21.02 ug/ml



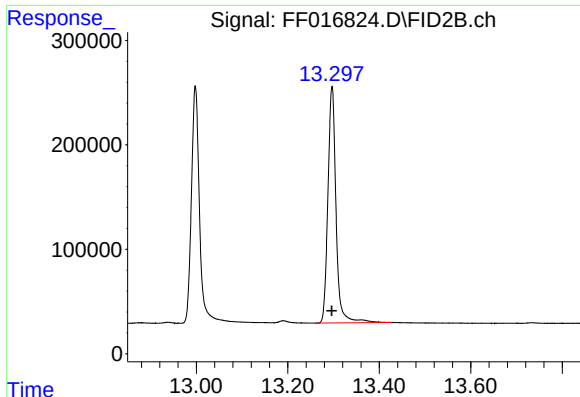
#11 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 3104088
Conc: 21.09 ug/ml



#12 Fluoranthene (C21.85)

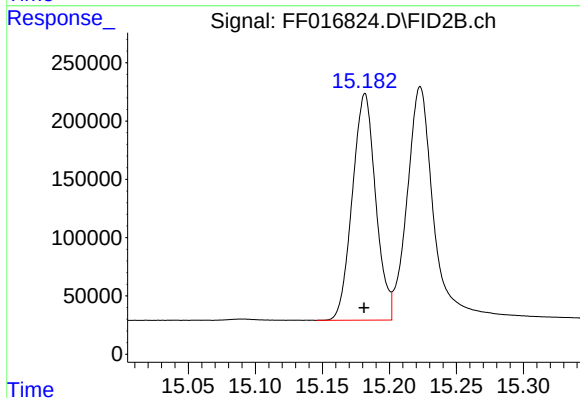
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 2796459
Conc: 21.31 ug/ml



#13 Pyrene (C20.8)

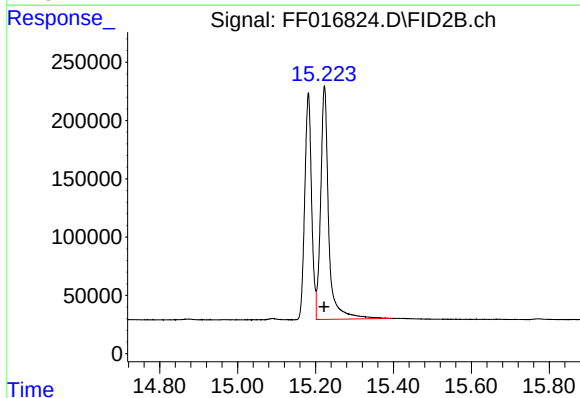
R.T.: 13.297 min
Delta R.T.: 0.000 min
Response: 2797286
Conc: 21.24 ug/ml

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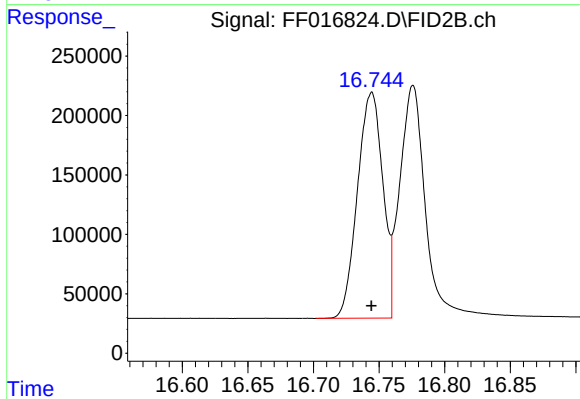
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.182 min
Delta R.T.: 0.000 min
Response: 2352376
Conc: 21.85 ug/ml



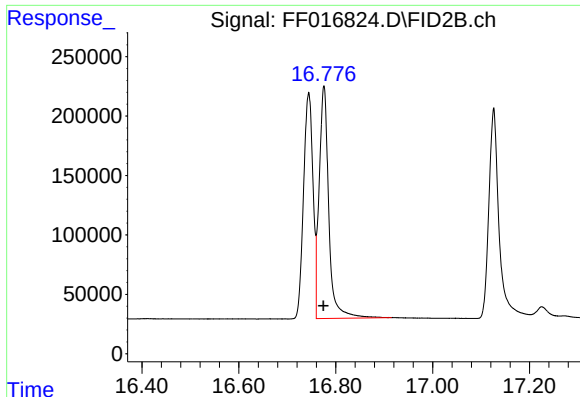
#15 Chrysene (C27.41)

R.T.: 15.223 min
Delta R.T.: 0.000 min
Response: 2881183
Conc: 20.82 ug/ml



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

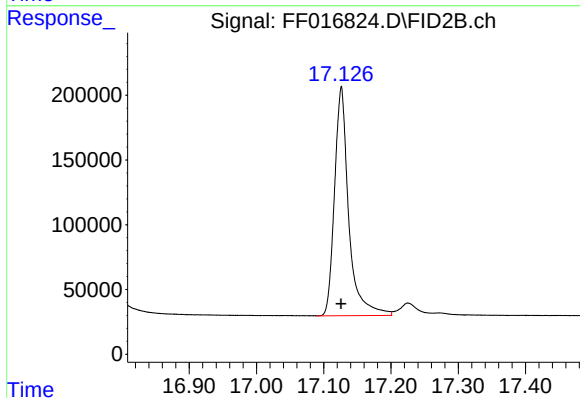
R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 2555440
Conc: 21.64 ug/ml



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

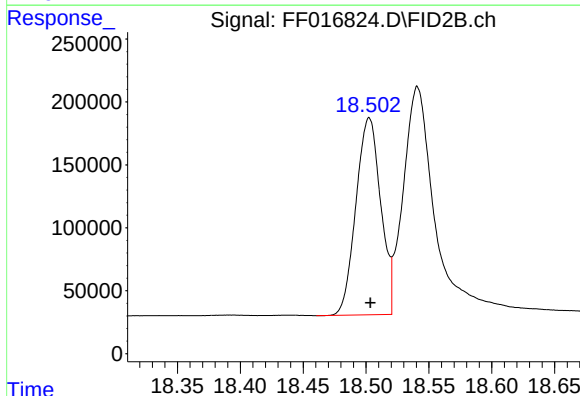
R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 2702469
Conc: 20.97 ug/ml

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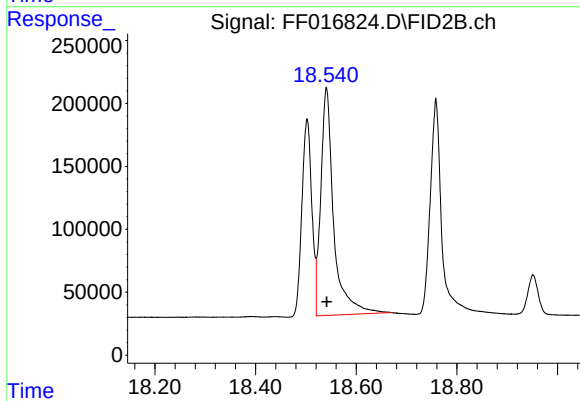
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.126 min
Delta R.T.: 0.000 min
Response: 2595122
Conc: 21.57 ug/ml



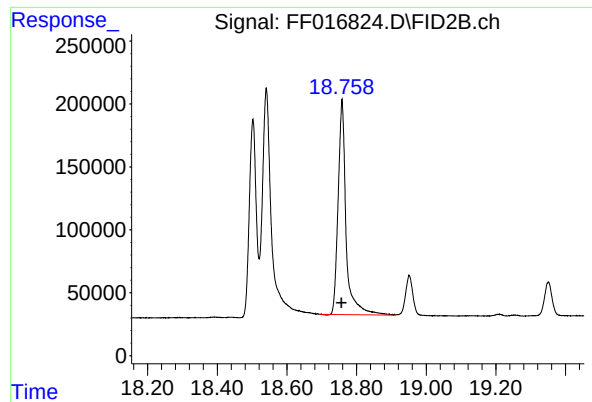
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.502 min
Delta R.T.: -0.001 min
Response: 2142159
Conc: 21.66 ug/ml



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

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 3221524
Conc: 20.40 ug/ml



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

R.T.: 18.758 min
Delta R.T.: 0.001 min
Response: 2709733
Conc: 21.33 ug/ml

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