

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071524AR\
 Data File : FD047996.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2024 11:19
 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: Jul 15 12:29:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 12:29:11 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...	7.410	3008898	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.261	1948632	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.298	3393185	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	3393017	20.000 ug/ml
2) T Naphthalene (C11.7)	5.749	3543436	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	3529459	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.064	3471073	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.358	3514959	20.000 ug/ml
8) T Flouorene (C16.55)	9.137	3329422	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.525	3249874	20.000 ug/ml
10) T Anthracene (C19.43)	10.601	3213832	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.330	3242731	20.000 ug/ml
13) T Pyrene (C20.8)	12.623	3204995	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.492	2868151	20.000 ug/ml
15) T Chrysene (C27.41)	14.533	3202308	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.038	2976470	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	2953935	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	2935572	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	2299355	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	2969294	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	2949583	20.000 ug/ml

(f)=RT Delta > 1/2 Window

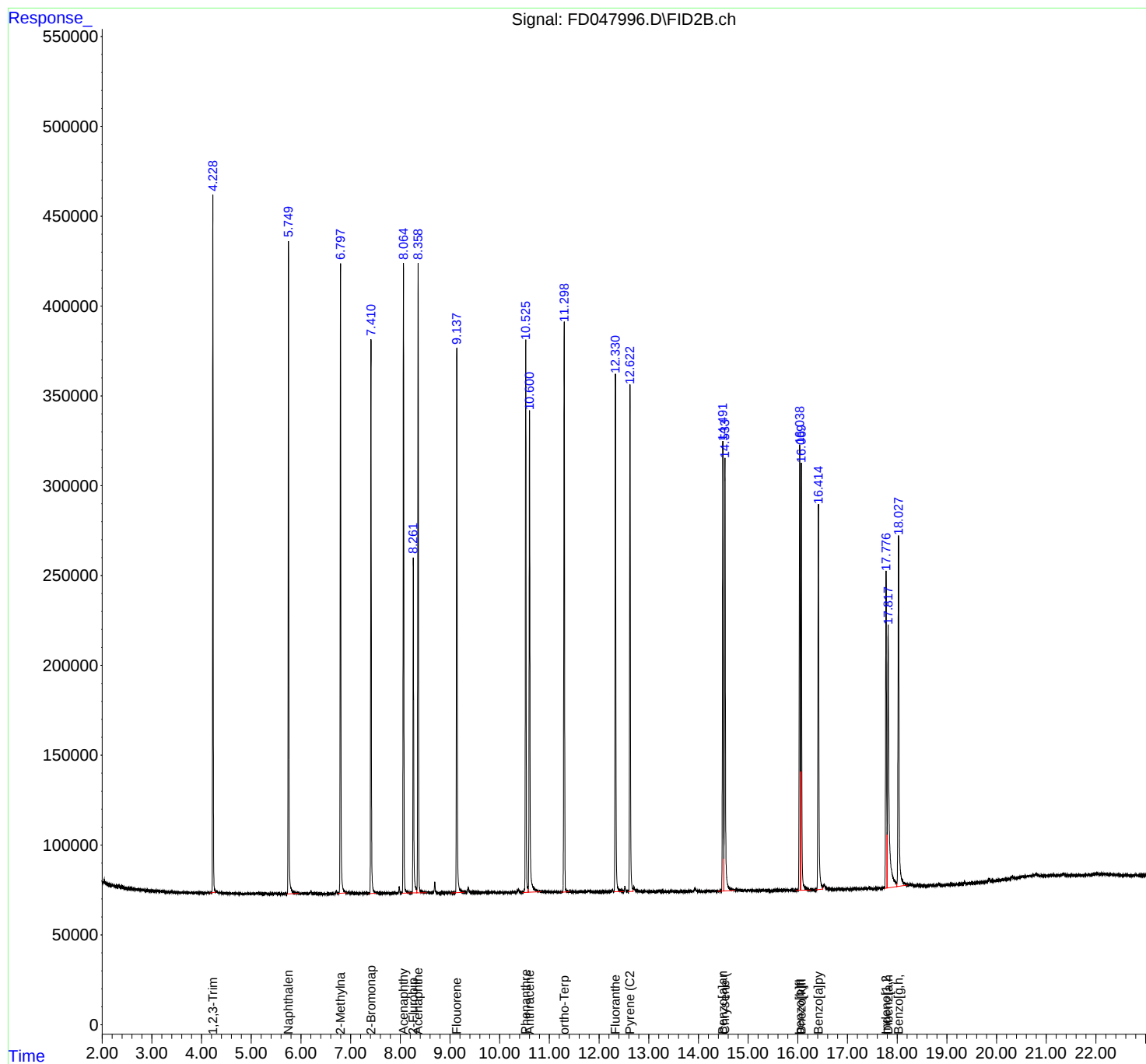
(m)=manual int.

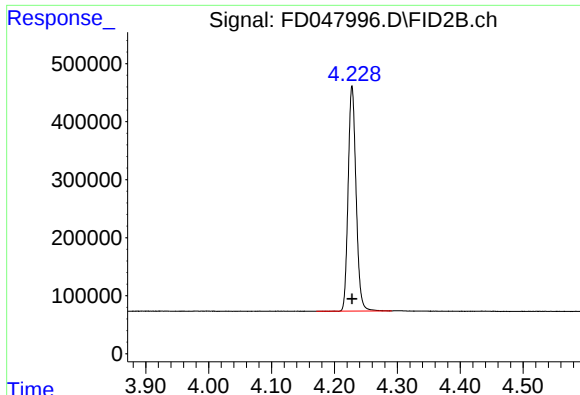
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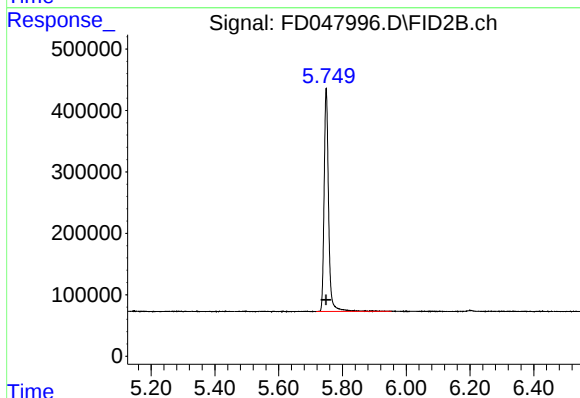




#1 1,2,3-Trimethylbenzene (C10.1)

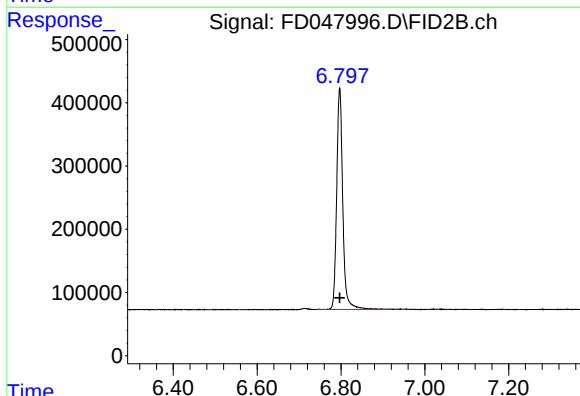
R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 3393017
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



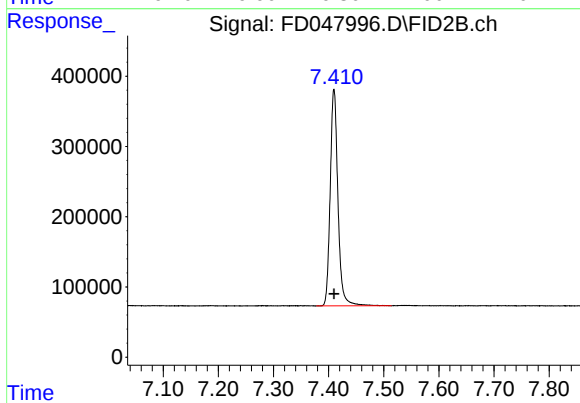
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 3543436
Conc: 20.00 ug/ml



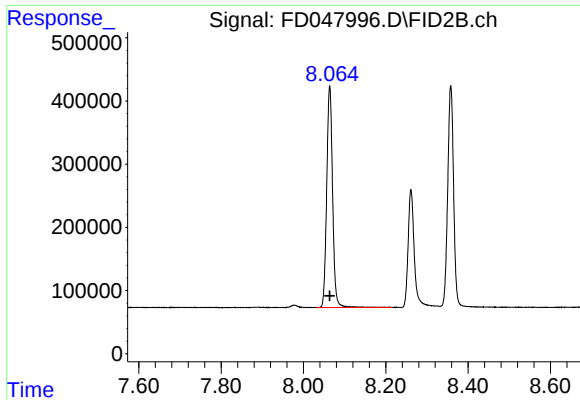
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 3529459
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

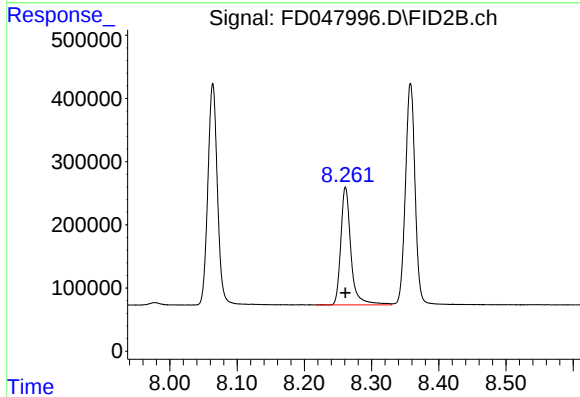
R.T.: 7.410 min
Delta R.T.: 0.000 min
Response: 3008898
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

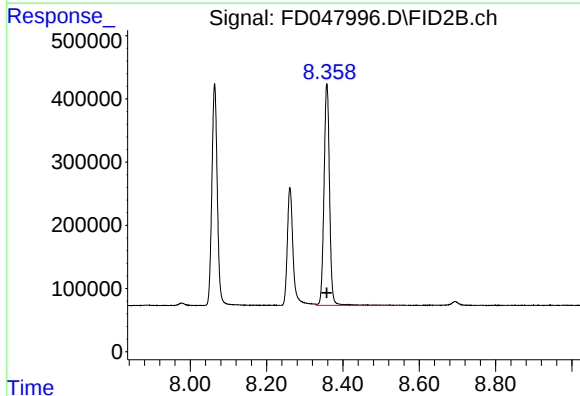
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 3471073
Conc: 20.00 ug/ml

Instrument :
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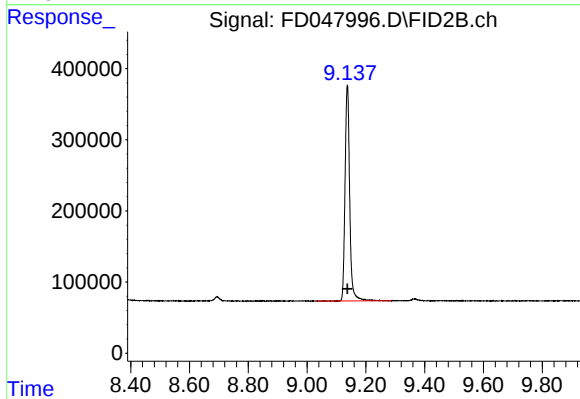
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.261 min
Delta R.T.: 0.000 min
Response: 1948632
Conc: 20.00 ug/ml



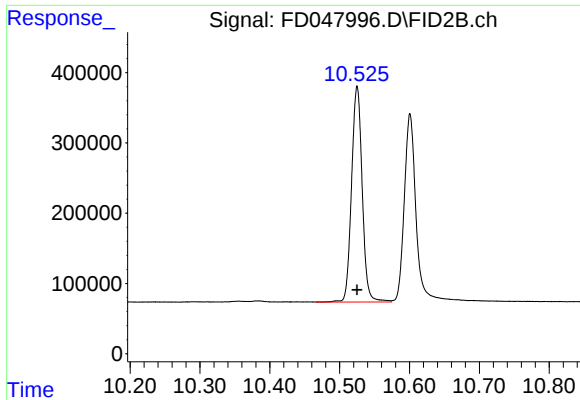
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 3514959
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

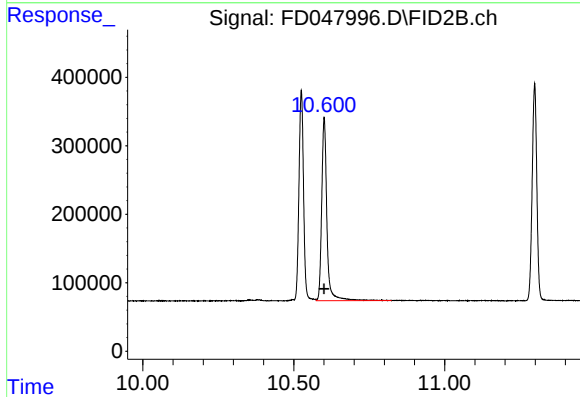
R.T.: 9.137 min
Delta R.T.: 0.000 min
Response: 3329422
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

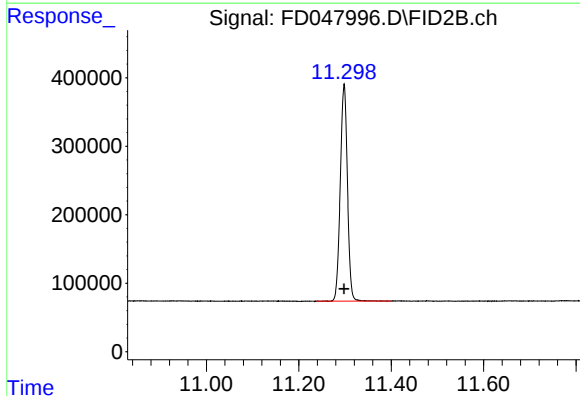
R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 3249874
Conc: 20.00 ug/ml

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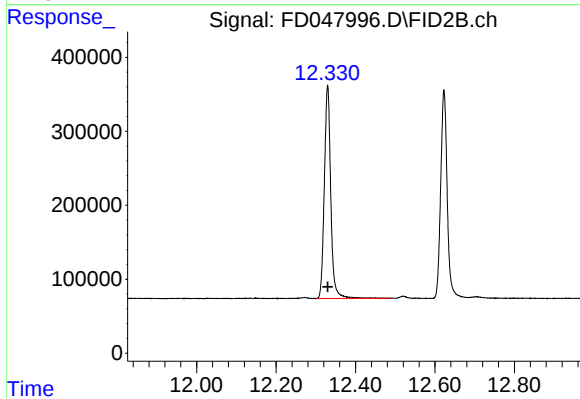
#10 Anthracene (C19.43)

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 3213832
Conc: 20.00 ug/ml



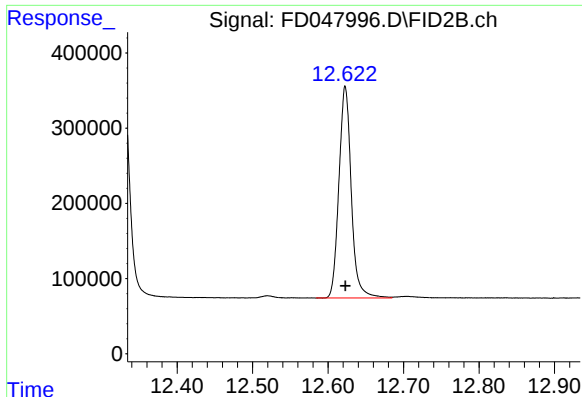
#11 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 3393185
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

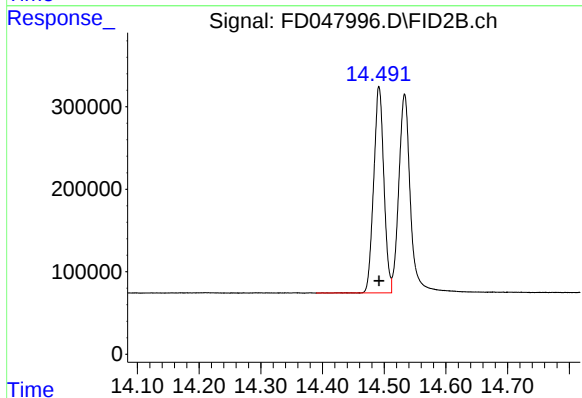
R.T.: 12.330 min
Delta R.T.: 0.000 min
Response: 3242731
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

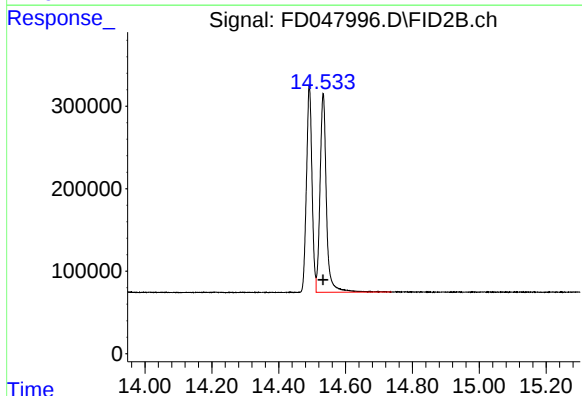
R.T.: 12.623 min
Delta R.T.: 0.000 min
Response: 3204995
Conc: 20.00 ug/ml

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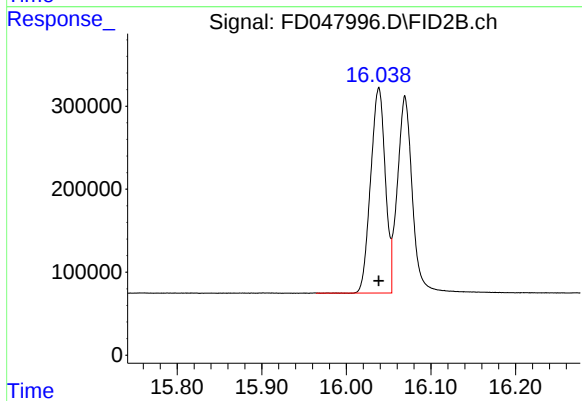
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 2868151
Conc: 20.00 ug/ml



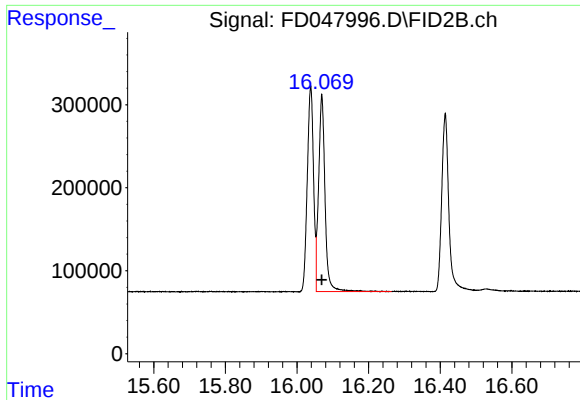
#15 Chrysene (C27.41)

R.T.: 14.533 min
Delta R.T.: 0.000 min
Response: 3202308
Conc: 20.00 ug/ml



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

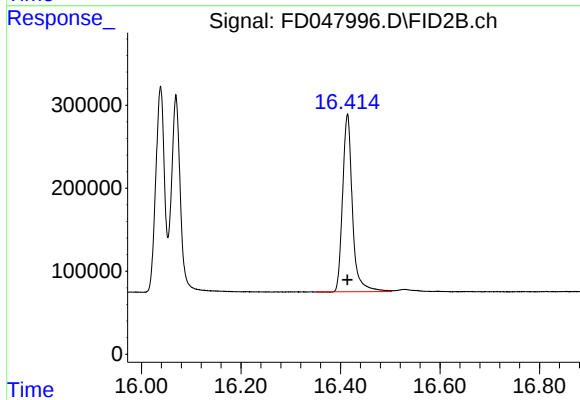
R.T.: 16.038 min
Delta R.T.: 0.000 min
Response: 2976470
Conc: 20.00 ug/ml



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

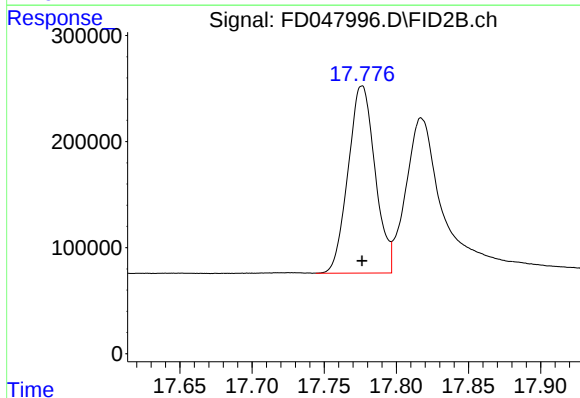
R.T.: 16.069 min
Delta R.T.: 0.000 min
Response: 2953935
Conc: 20.00 ug/ml

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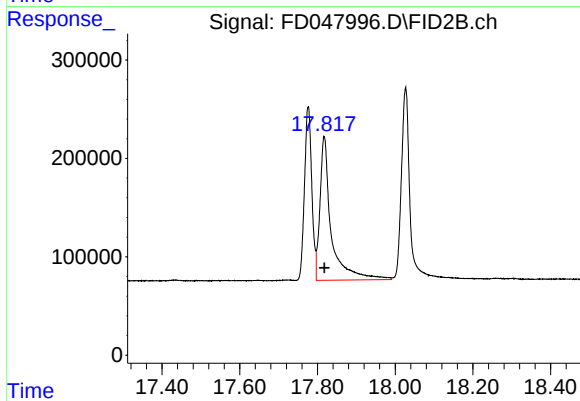
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min
Delta R.T.: 0.000 min
Response: 2935572
Conc: 20.00 ug/ml



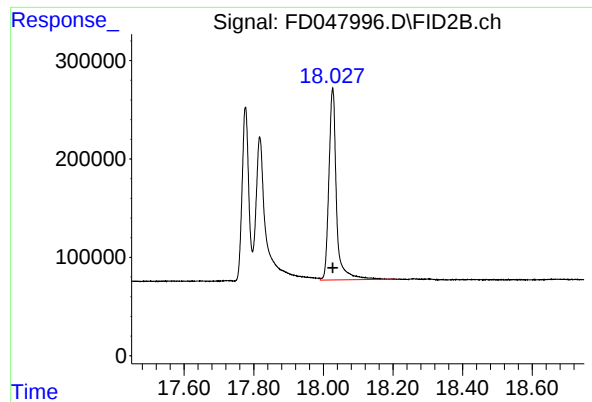
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 2299355
Conc: 20.00 ug/ml



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

R.T.: 17.818 min
Delta R.T.: 0.000 min
Response: 2969294
Conc: 20.00 ug/ml



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

R.T.: 18.027 min
Delta R.T.: 0.000 min
Response: 2949583
Conc: 20.00 ug/ml

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