

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110625AR\
 Data File : FD049879.D
 Signal(s) : FID2B.ch
 Acq On : 06 Nov 2025 11:41
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 07 01:31:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:29:26 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...	7.699	2365729	21.315 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
6) S 2-Fluorobiphenyl (SURR)	8.562	1663518	21.235 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.47%
11) S ortho-Terphenyl (SURR)	11.607	3026313	21.376 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	2288339	20.850 ug/ml
2) T Naphthalene (C11.7)	6.034	2643547	21.274 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2755051	21.299 ug/ml
5) T Acenaphthylene (C15.06)	8.366	2912289	21.385 ug/ml
7) T Acenaphthene (C15.5)	8.662	2930275	21.496 ug/ml
8) T Flouorene (C16.55)	9.443	2891601	21.266 ug/ml
9) T Phenanthrene (C19.36)	10.840	2860738	20.688 ug/ml
10) T Anthracene (C19.43)	10.914	2489919	19.524 ug/ml
12) T Fluoranthene (C21.85)	12.652	2831580	20.361 ug/ml
13) T Pyrene (C20.8)	12.950	2826153	20.372 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2397157	18.958 ug/ml
15) T Chrysene (C27.41)	14.864	2538460	19.348 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2507447	19.466 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2334685	19.180 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2350721	18.771 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	2082992	18.100 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2060319	15.912 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	2395704	19.045 ug/ml

(f)=RT Delta > 1/2 Window

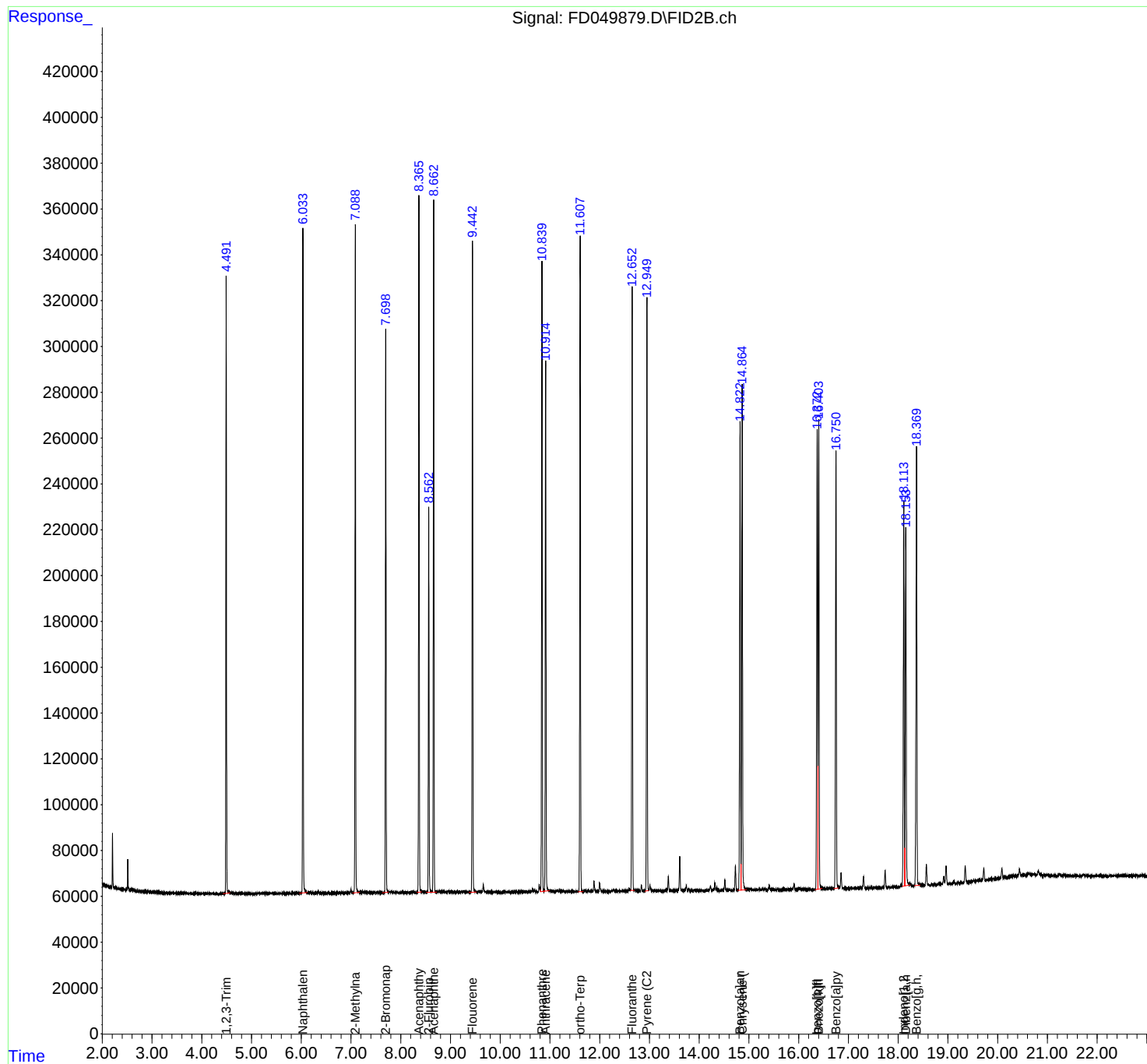
(m)=manual int.

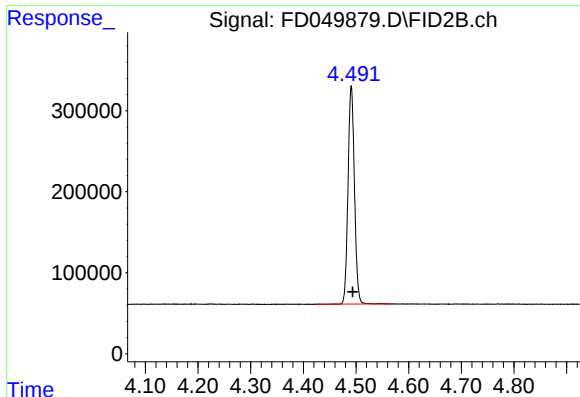
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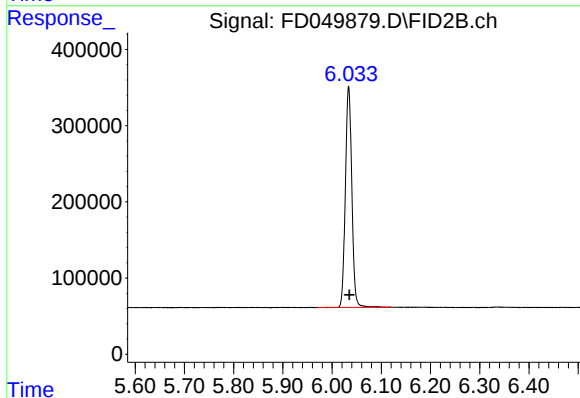




#1 1,2,3-Trimethylbenzene (C10.1)

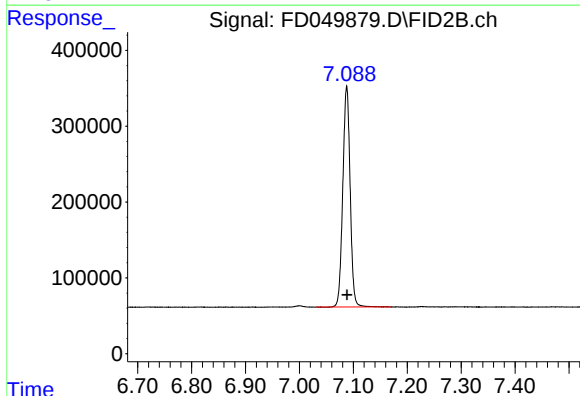
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 2288339
Conc: 20.85 ug/ml

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20 PPM AROMATIC HC STD



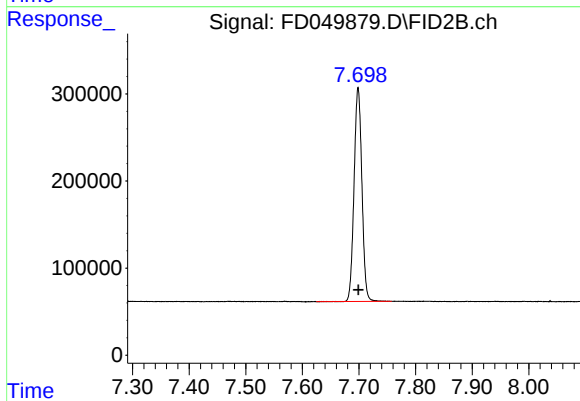
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 2643547
Conc: 21.27 ug/ml



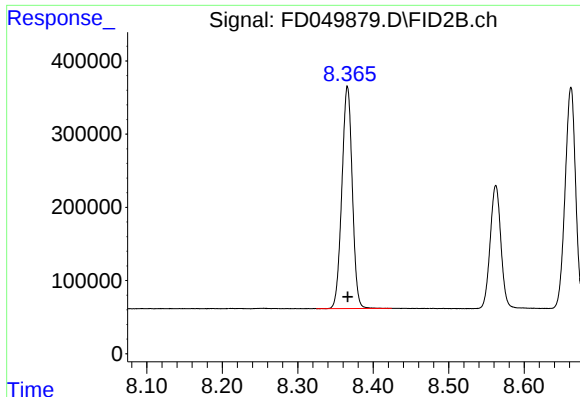
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 2755051
Conc: 21.30 ug/ml



#4 2-Bromonaphthalene (SURR)

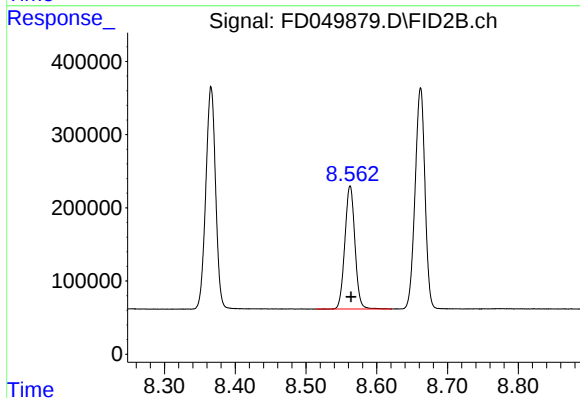
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 2365729
Conc: 21.32 ug/ml



#5 Acenaphthylene (C15.06)

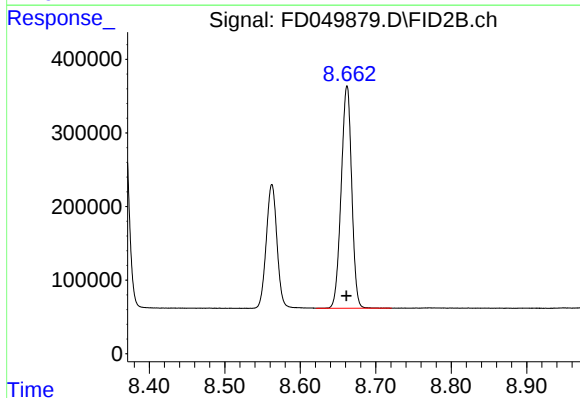
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 2912289
Conc: 21.39 ug/ml

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20 PPM AROMATIC HC STD



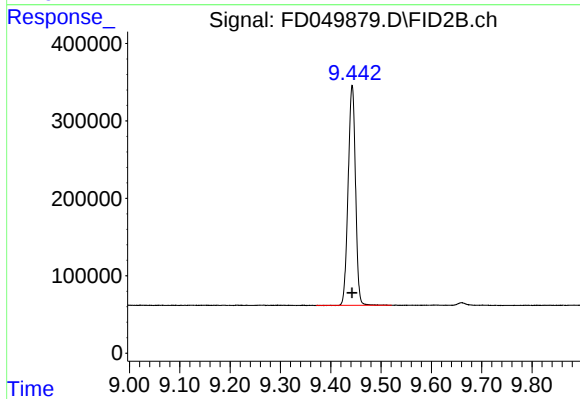
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: -0.001 min
Response: 1663518
Conc: 21.23 ug/ml



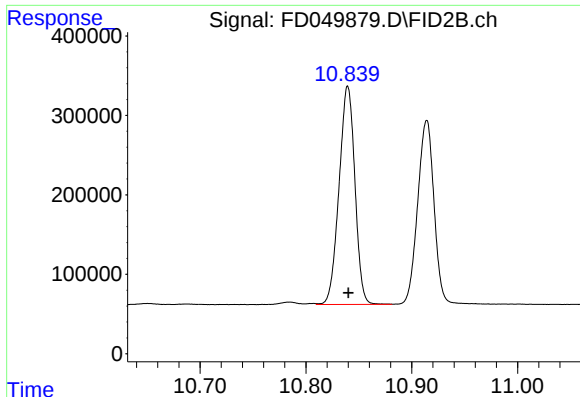
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 2930275
Conc: 21.50 ug/ml



#8 Flouorene (C16.55)

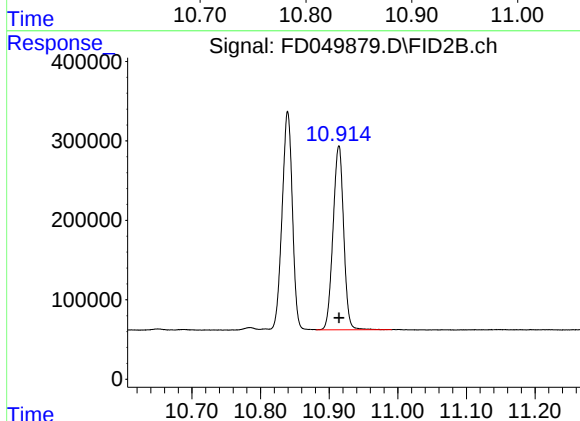
R.T.: 9.443 min
Delta R.T.: 0.000 min
Response: 2891601
Conc: 21.27 ug/ml



#9 Phenanthrene (C19.36)

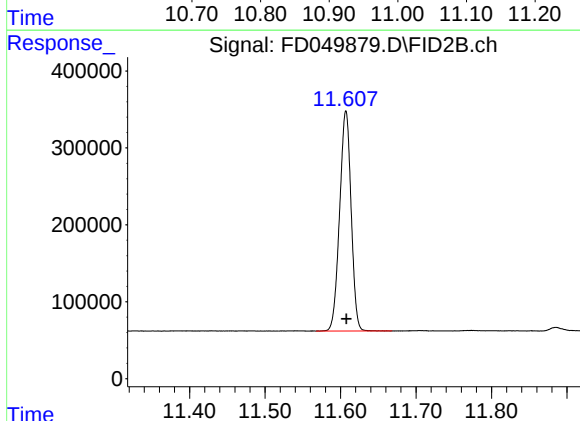
R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 2860738
Conc: 20.69 ug/ml

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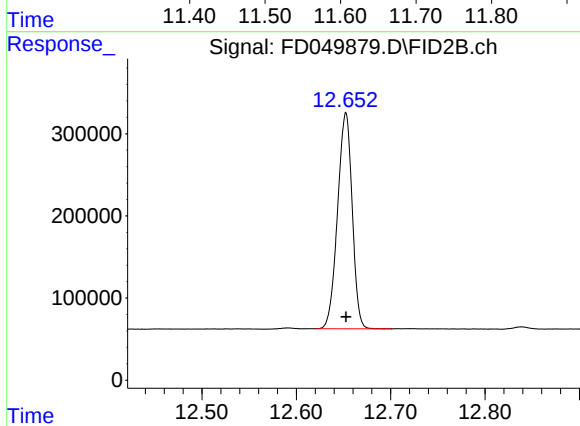
#10 Anthracene (C19.43)

R.T.: 10.914 min
Delta R.T.: 0.000 min
Response: 2489919
Conc: 19.52 ug/ml



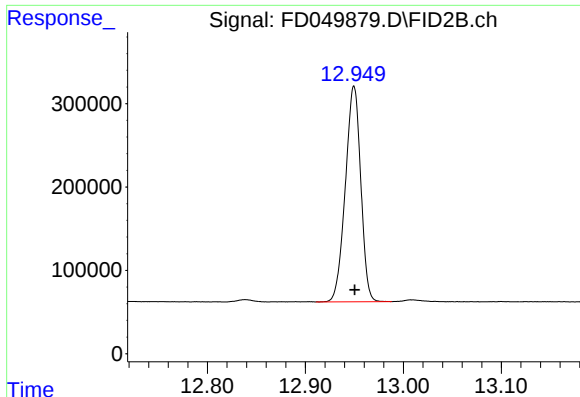
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: 0.000 min
Response: 3026313
Conc: 21.38 ug/ml



#12 Fluoranthene (C21.85)

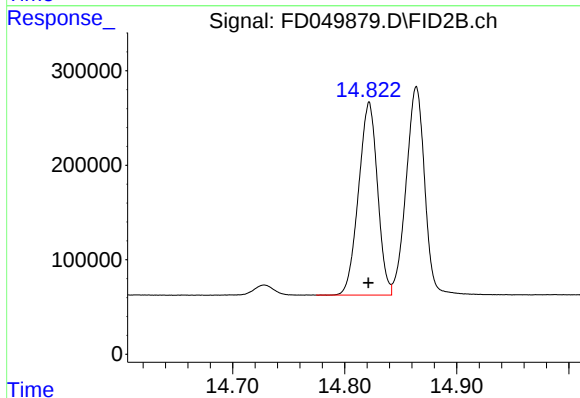
R.T.: 12.652 min
Delta R.T.: 0.000 min
Response: 2831580
Conc: 20.36 ug/ml



#13 Pyrene (C20.8)

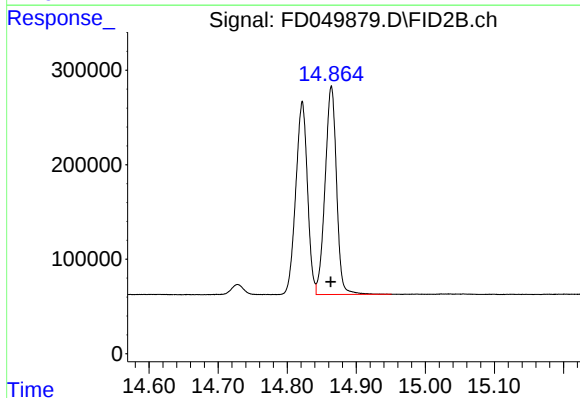
R.T.: 12.950 min
Delta R.T.: 0.000 min
Response: 2826153
Conc: 20.37 ug/ml

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20 PPM AROMATIC HC STD



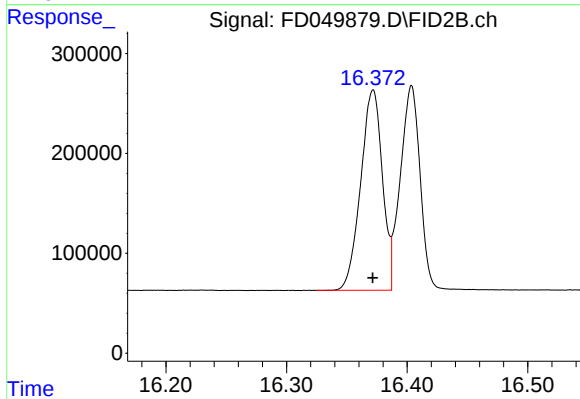
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 2397157
Conc: 18.96 ug/ml



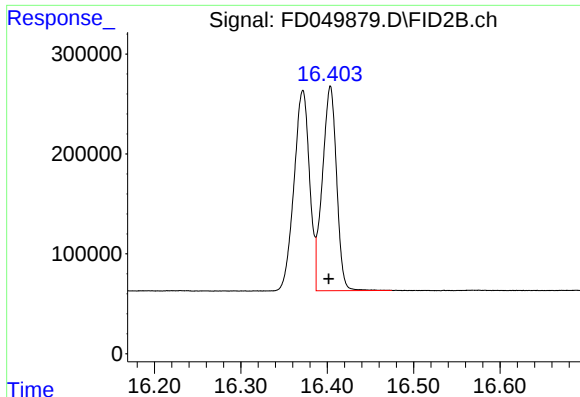
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: 0.000 min
Response: 2538460
Conc: 19.35 ug/ml



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

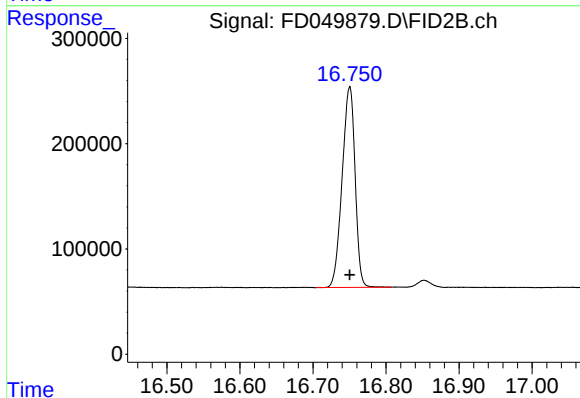
R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 2507447
Conc: 19.47 ug/ml



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

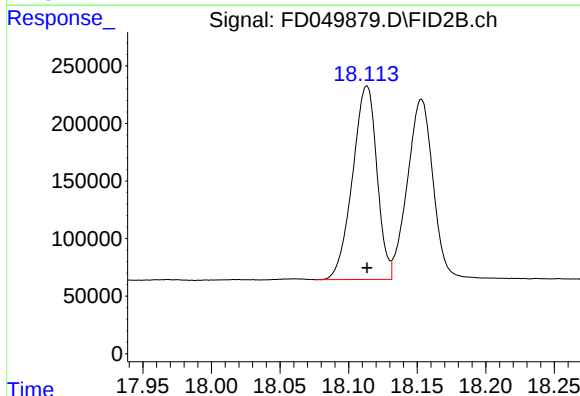
R.T.: 16.403 min
Delta R.T.: 0.002 min
Response: 2334685
Conc: 19.18 ug/ml

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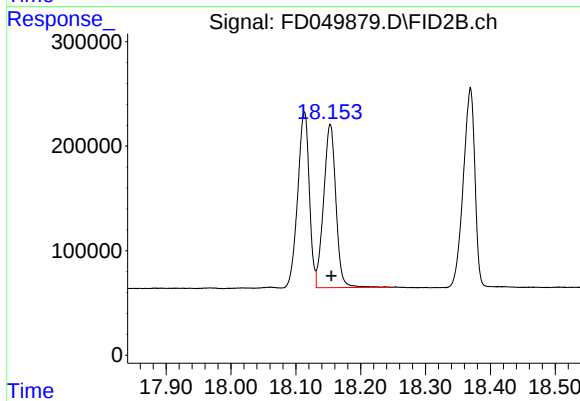
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: 0.000 min
Response: 2350721
Conc: 18.77 ug/ml



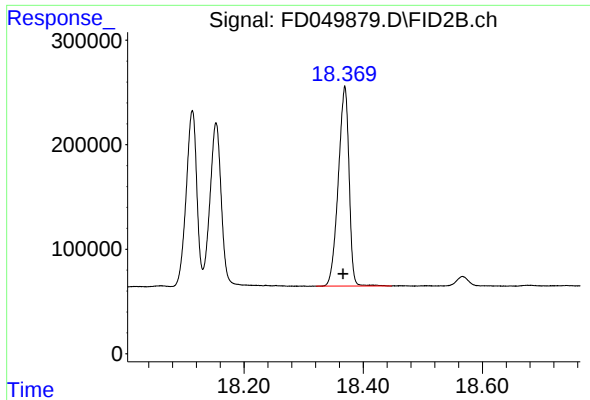
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2082992
Conc: 18.10 ug/ml



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

R.T.: 18.153 min
Delta R.T.: -0.002 min
Response: 2060319
Conc: 15.91 ug/ml



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

R.T.: 18.369 min
Delta R.T.: 0.003 min
Response: 2395704
Conc: 19.05 ug/ml

Instrument :
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