

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049811.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2025 01:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 06:20:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.697	2300763	19.364 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
6) S 2-Fluorobiphenyl (SURR)	8.560	1646931	19.398 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.80%
11) S ortho-Terphenyl (SURR)	11.607	2868054	19.212 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2171617	19.109 ug/ml
2) T Naphthalene (C11.7)	6.032	2535378	19.217 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	2666646	19.273 ug/ml
5) T Acenaphthylene (C15.06)	8.364	2817528	19.285 ug/ml
7) T Acenaphthene (C15.5)	8.660	2819144	19.361 ug/ml
8) T Flouorene (C16.55)	9.441	2817702	19.294 ug/ml
9) T Phenanthrene (C19.36)	10.839	2812753	19.242 ug/ml
10) T Anthracene (C19.43)	10.914	2673444	19.673 ug/ml
12) T Fluoranthene (C21.85)	12.653	2703600	18.977 ug/ml
13) T Pyrene (C20.8)	12.950	2676691	19.041 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2357331	18.744 ug/ml
15) T Chrysene (C27.41)	14.863	2406366	18.731 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2319610	18.621 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2191027	18.653 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2258919	18.614 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.114	2081402	18.511 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	2203163	18.021 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	2234931	18.686 ug/ml

(f)=RT Delta > 1/2 Window

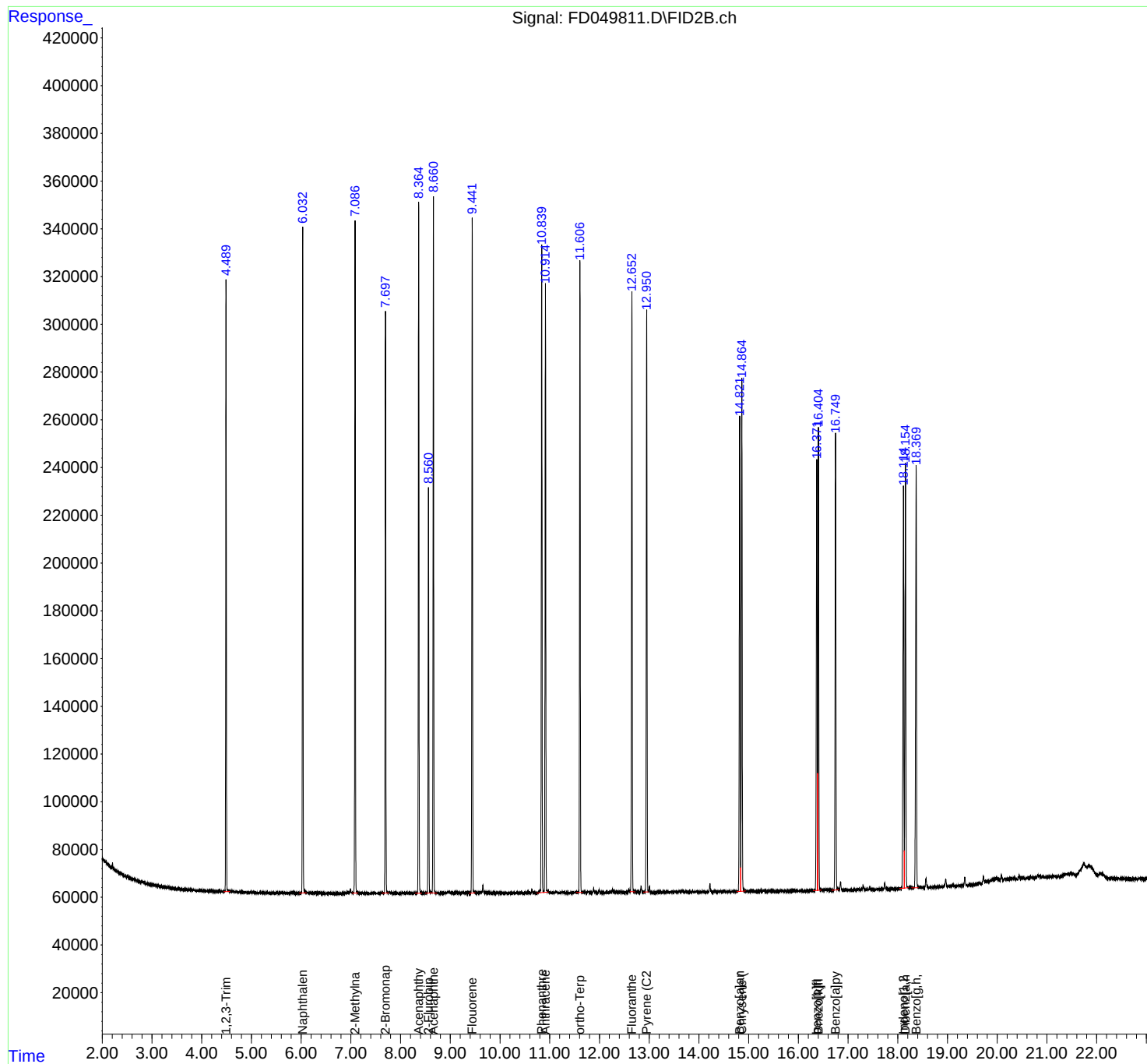
(m)=manual int.

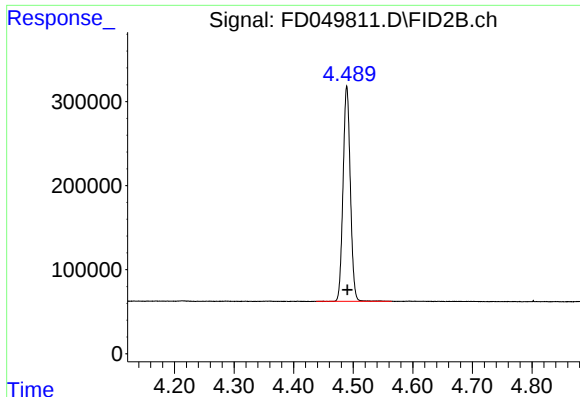
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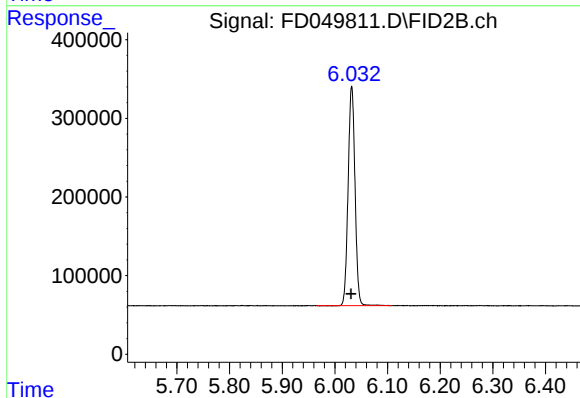




#1 1,2,3-Trimethylbenzene (C10.1)

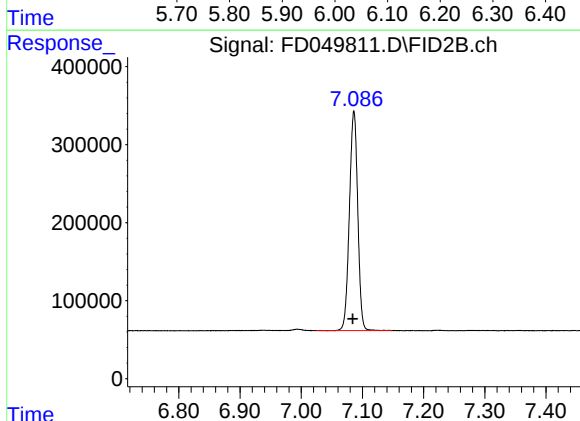
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2171617
Conc: 19.11 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



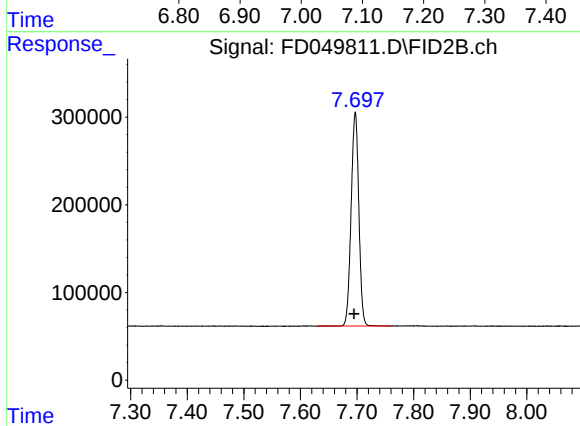
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 2535378
Conc: 19.22 ug/ml



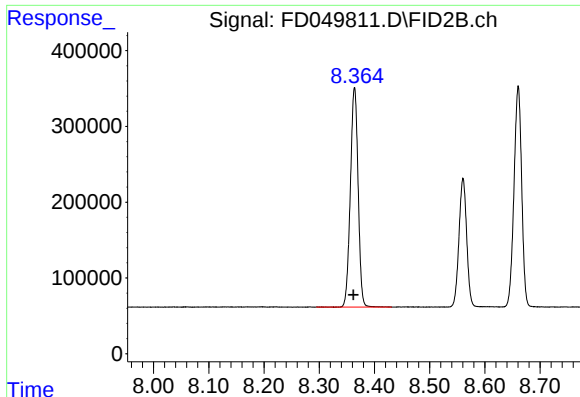
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 2666646
Conc: 19.27 ug/ml



#4 2-Bromonaphthalene (SURR)

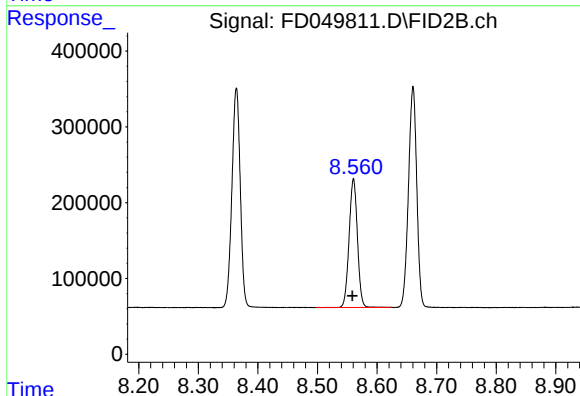
R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 2300763
Conc: 19.36 ug/ml



#5 Acenaphthylene (C15.06)

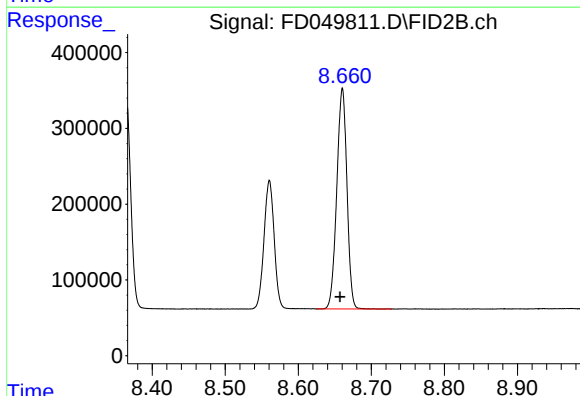
R.T.: 8.364 min
Delta R.T.: 0.002 min
Response: 2817528
Conc: 19.28 ug/ml

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20 PPM AROMATIC HC STD



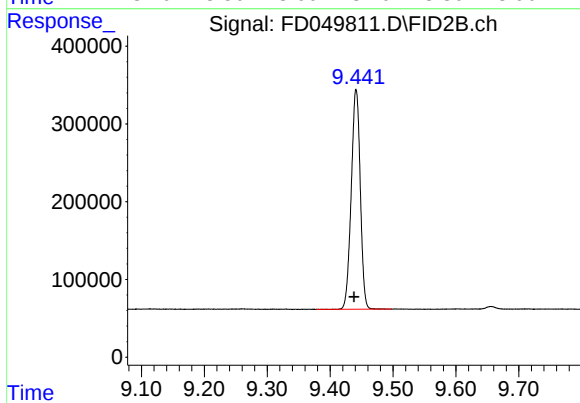
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: 0.002 min
Response: 1646931
Conc: 19.40 ug/ml



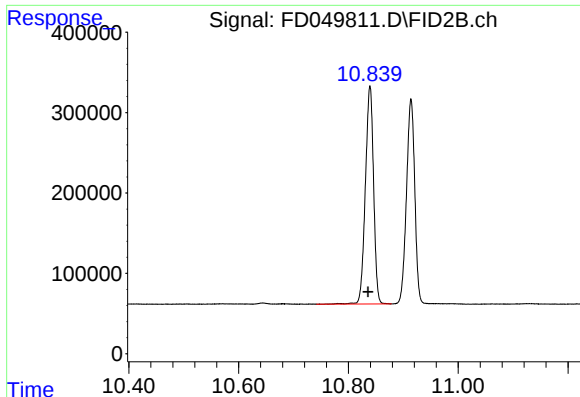
#7 Acenaphthene (C15.5)

R.T.: 8.660 min
Delta R.T.: 0.003 min
Response: 2819144
Conc: 19.36 ug/ml



#8 Fluorene (C16.55)

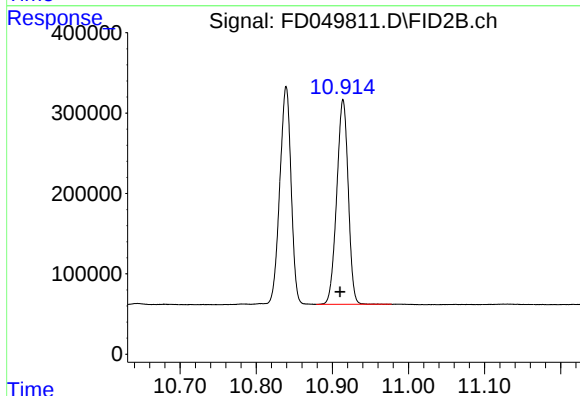
R.T.: 9.441 min
Delta R.T.: 0.003 min
Response: 2817702
Conc: 19.29 ug/ml



#9 Phenanthrene (C19.36)

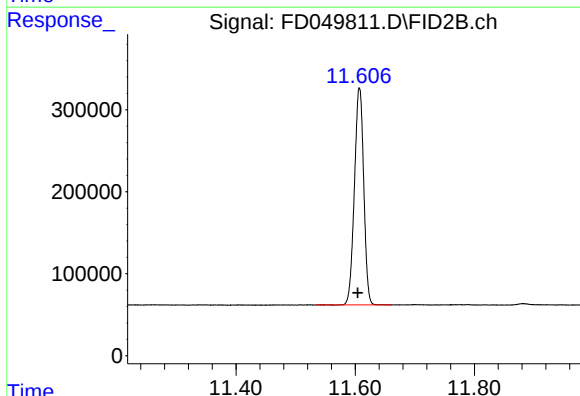
R.T.: 10.839 min
Delta R.T.: 0.003 min
Response: 2812753
Conc: 19.24 ug/ml

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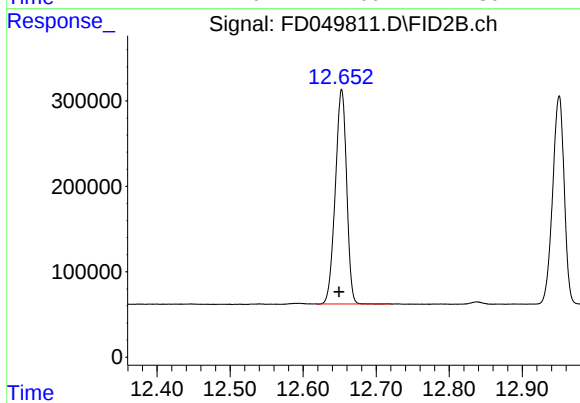
#10 Anthracene (C19.43)

R.T.: 10.914 min
Delta R.T.: 0.004 min
Response: 2673444
Conc: 19.67 ug/ml



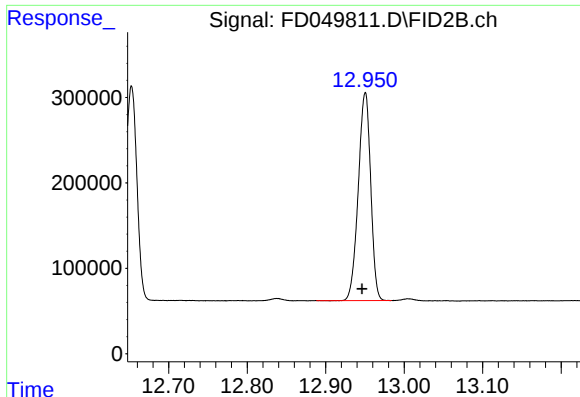
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: 0.003 min
Response: 2868054
Conc: 19.21 ug/ml



#12 Fluoranthene (C21.85)

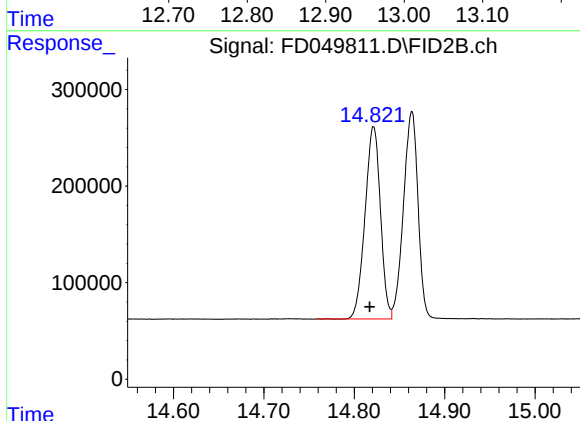
R.T.: 12.653 min
Delta R.T.: 0.003 min
Response: 2703600
Conc: 18.98 ug/ml



#13 Pyrene (C20.8)

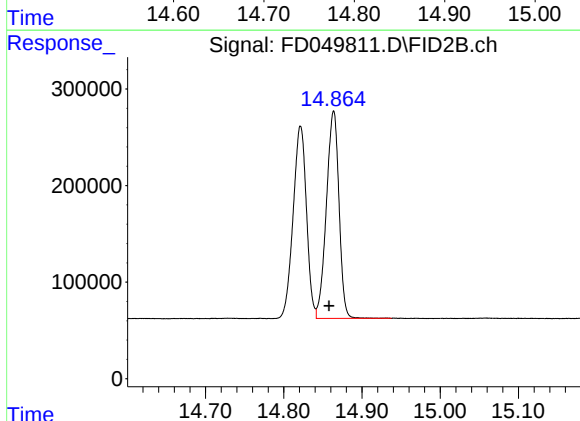
R.T.: 12.950 min
Delta R.T.: 0.004 min
Response: 2676691
Conc: 19.04 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



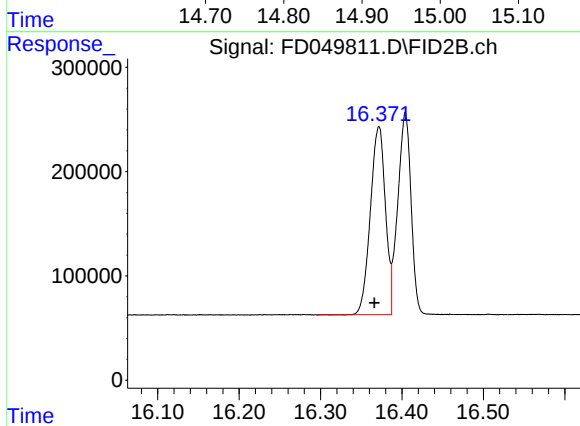
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: 0.004 min
Response: 2357331
Conc: 18.74 ug/ml



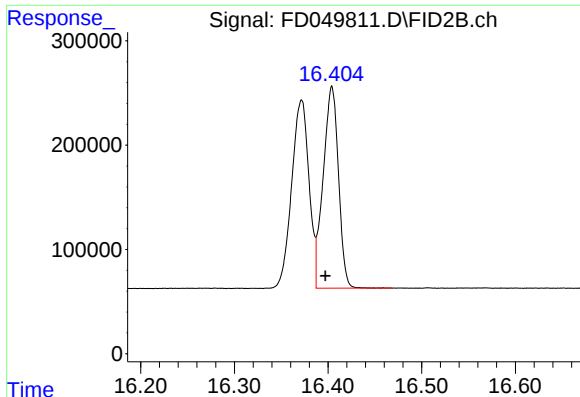
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: 0.005 min
Response: 2406366
Conc: 18.73 ug/ml



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

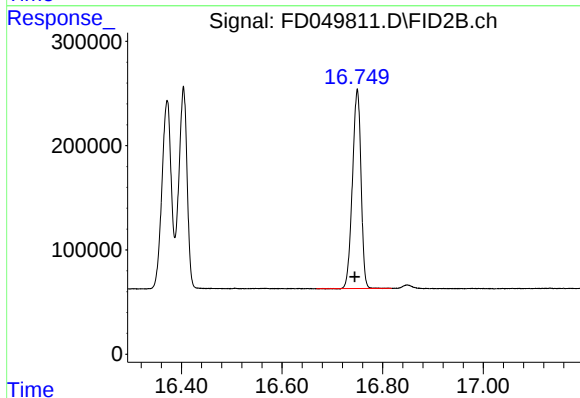
R.T.: 16.371 min
Delta R.T.: 0.005 min
Response: 2319610
Conc: 18.62 ug/ml



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

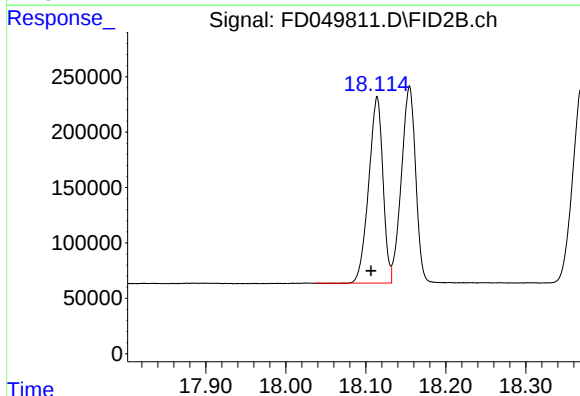
R.T.: 16.404 min
Delta R.T.: 0.007 min
Response: 2191027
Conc: 18.65 ug/ml

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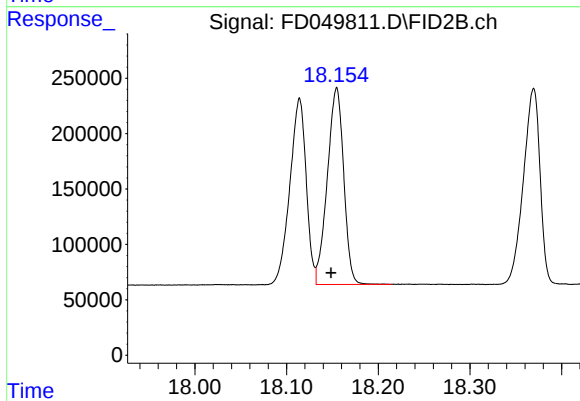
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: 0.005 min
Response: 2258919
Conc: 18.61 ug/ml



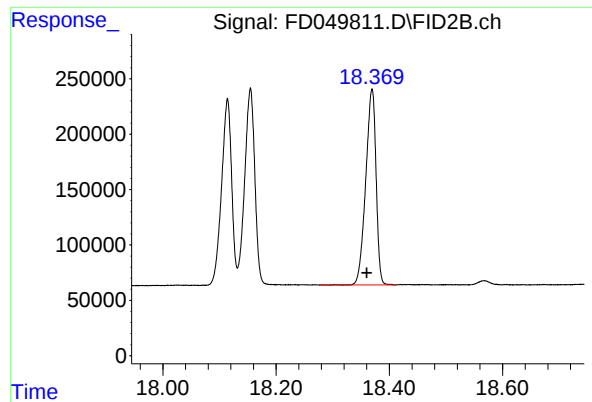
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.114 min
Delta R.T.: 0.007 min
Response: 2081402
Conc: 18.51 ug/ml



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

R.T.: 18.154 min
Delta R.T.: 0.006 min
Response: 2203163
Conc: 18.02 ug/ml



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

R.T.: 18.369 min
Delta R.T.: 0.009 min
Response: 2234931
Conc: 18.69 ug/ml

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