

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092225AR\
 Data File : FD049746.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 21:30
 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: Sep 23 07:31:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.696	2253277	20.036 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
6) S 2-Fluorobiphenyl (SURR)	8.560	1590405	19.813 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.63%
11) S ortho-Terphenyl (SURR)	11.607	2815502	19.900 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2137040	19.833 ug/ml
2) T Naphthalene (C11.7)	6.031	2493016	20.047 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2615376	20.067 ug/ml
5) T Acenaphthylene (C15.06)	8.364	2743676	19.790 ug/ml
7) T Acenaphthene (C15.5)	8.660	2743931	19.794 ug/ml
8) T Flouorene (C16.55)	9.441	2742153	19.768 ug/ml
9) T Phenanthrene (C19.36)	10.839	2738884	19.661 ug/ml
10) T Anthracene (C19.43)	10.913	2593111	19.639 ug/ml
12) T Fluoranthene (C21.85)	12.653	2676970	19.878 ug/ml
13) T Pyrene (C20.8)	12.950	2652306	19.939 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2356429	19.705 ug/ml
15) T Chrysene (C27.41)	14.864	2395460	19.691 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2334140	19.472 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2194499	19.476 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	2267752	19.325 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.115	2089570	19.207 ug/ml
20) T Dibenz[a,h]anthracene...	18.157	2198827	19.297 ug/ml
21) T Benzo[g,h,i]perylene ...	18.371	2231365	19.177 ug/ml

(f)=RT Delta > 1/2 Window

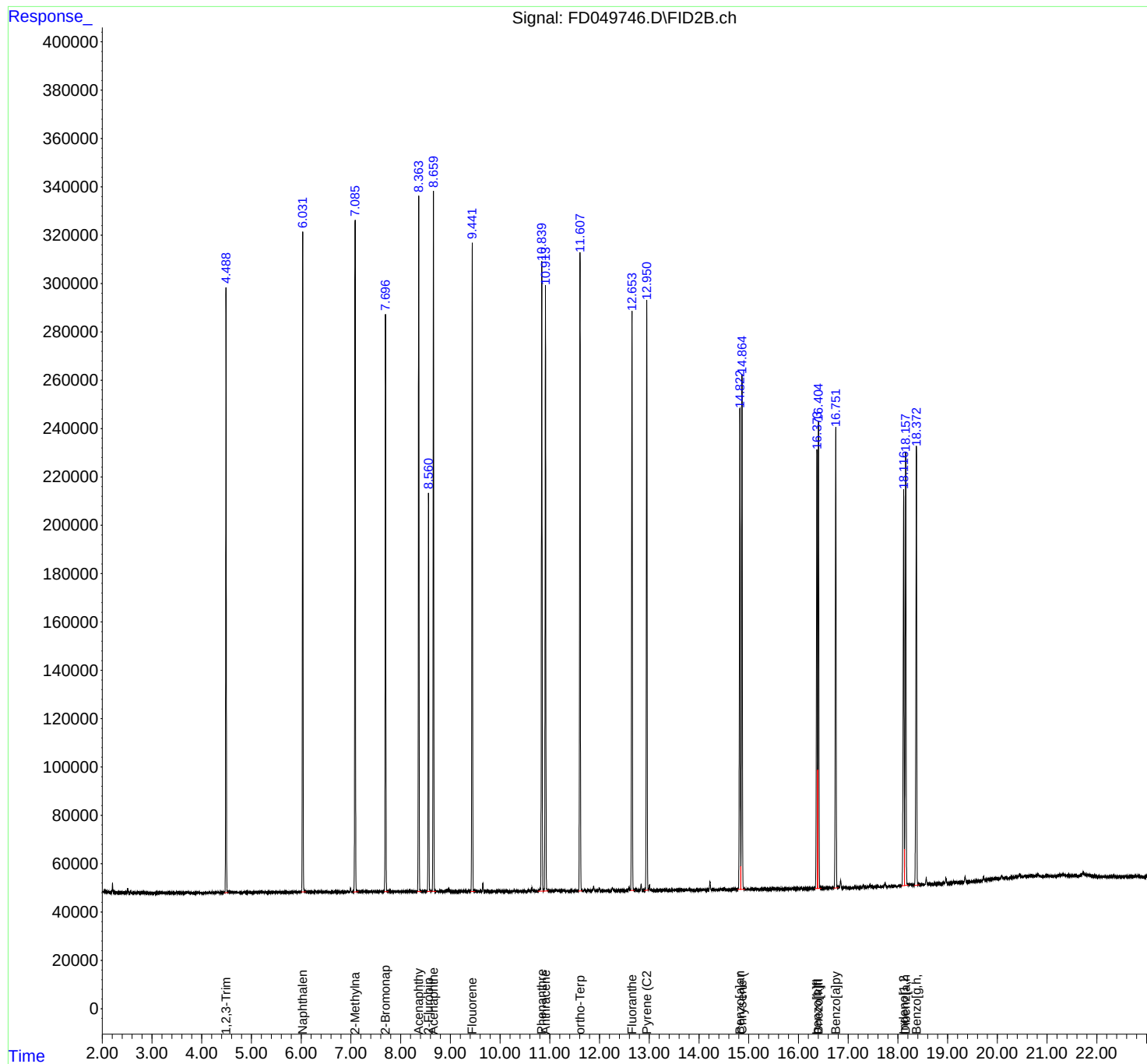
(m)=manual int.

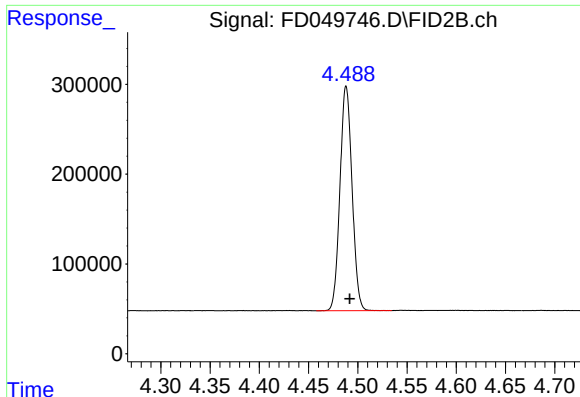
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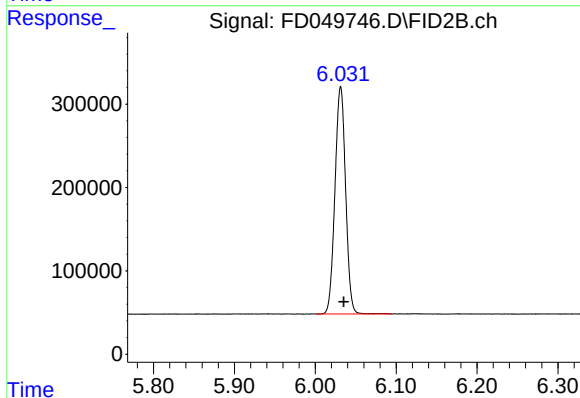




#1 1,2,3-Trimethylbenzene (C10.1)

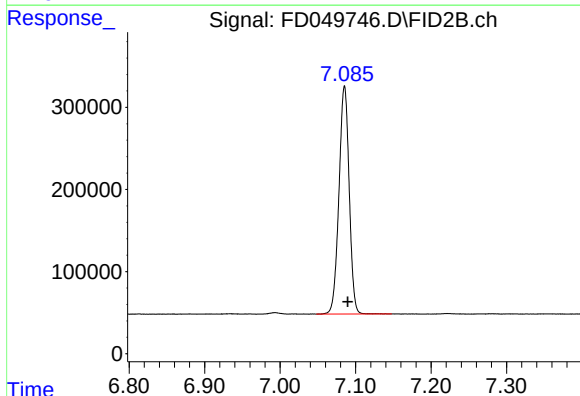
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 2137040
Conc: 19.83 ug/ml

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20 PPM AROMATIC HC STD



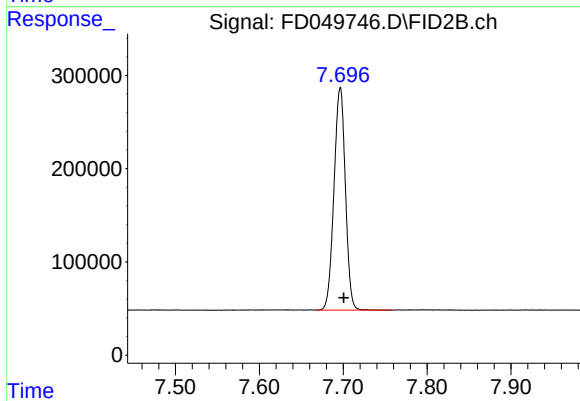
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2493016
Conc: 20.05 ug/ml



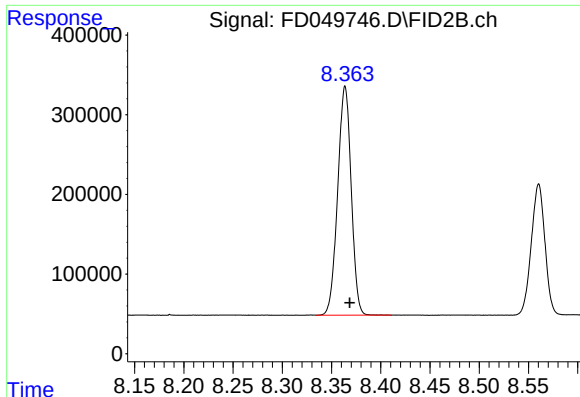
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 2615376
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

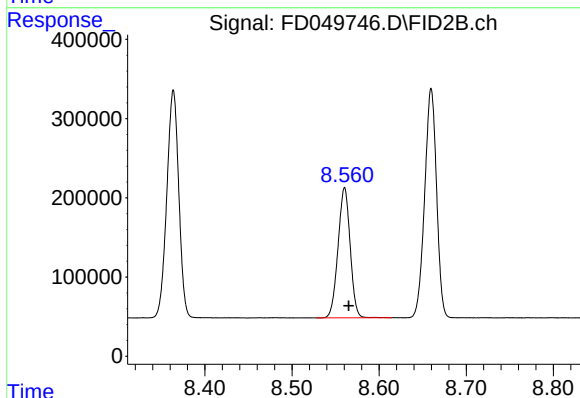
R.T.: 7.696 min
Delta R.T.: -0.004 min
Response: 2253277
Conc: 20.04 ug/ml



#5 Acenaphthylene (C15.06)

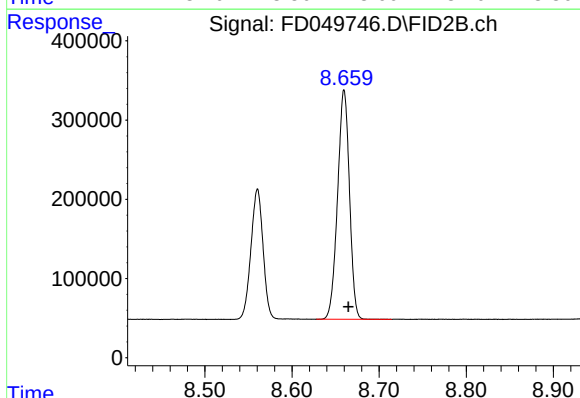
R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 2743676
Conc: 19.79 ug/ml

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20 PPM AROMATIC HC STD



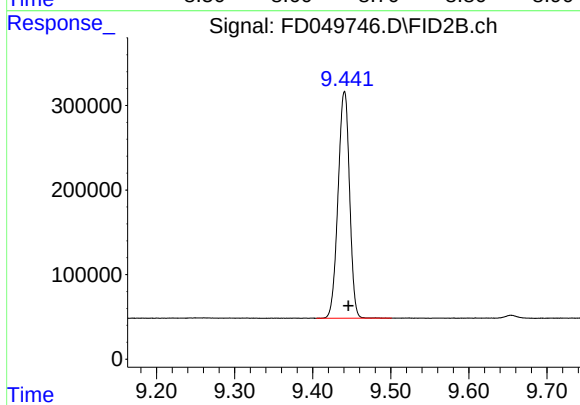
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 1590405
Conc: 19.81 ug/ml



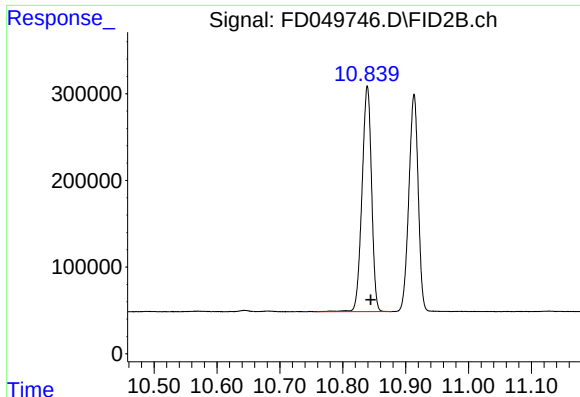
#7 Acenaphthene (C15.5)

R.T.: 8.660 min
Delta R.T.: -0.005 min
Response: 2743931
Conc: 19.79 ug/ml



#8 Fluorene (C16.55)

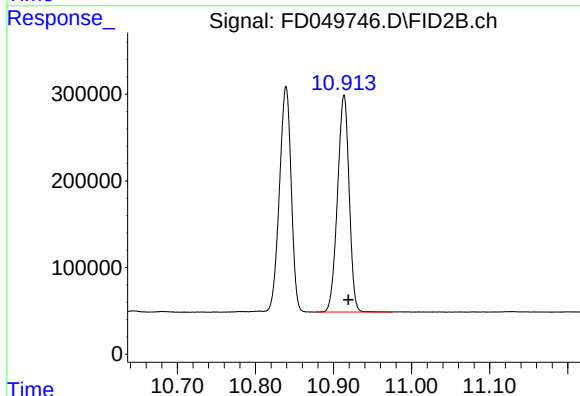
R.T.: 9.441 min
Delta R.T.: -0.005 min
Response: 2742153
Conc: 19.77 ug/ml



#9 Phenanthrene (C19.36)

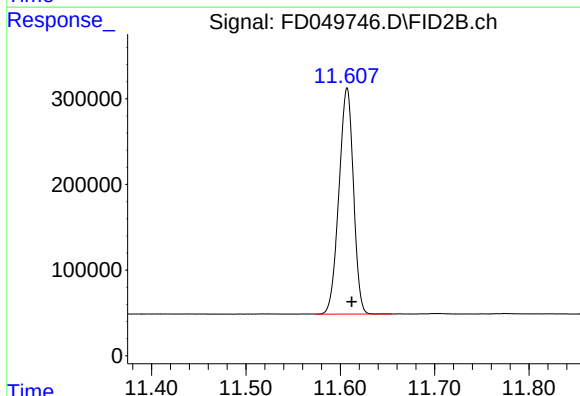
R.T.: 10.839 min
Delta R.T.: -0.006 min
Response: 2738884
Conc: 19.66 ug/ml

Instrument :
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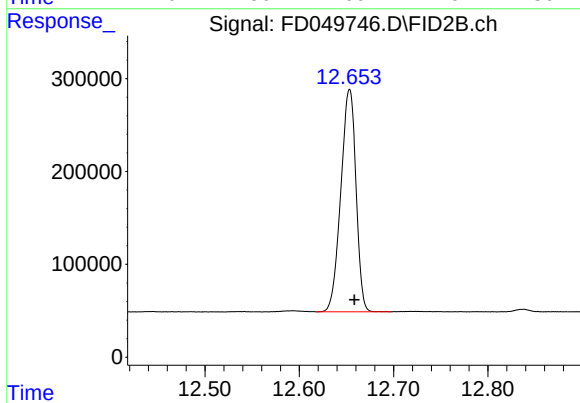
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.006 min
Response: 2593111
Conc: 19.64 ug/ml



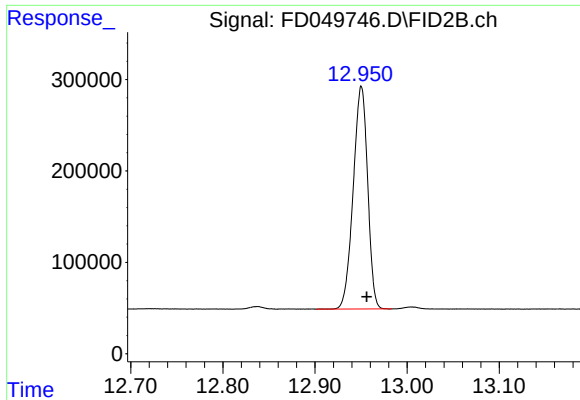
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.005 min
Response: 2815502
Conc: 19.90 ug/ml



#12 Fluoranthene (C21.85)

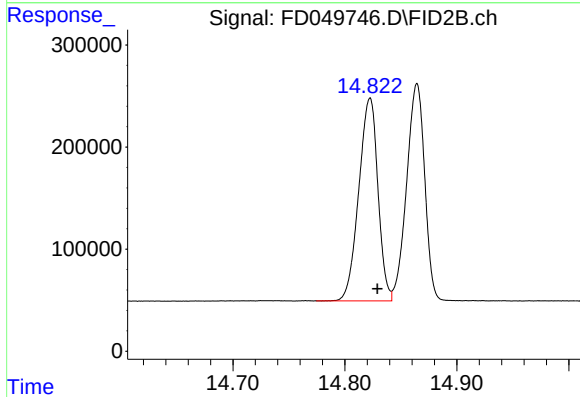
R.T.: 12.653 min
Delta R.T.: -0.005 min
Response: 2676970
Conc: 19.88 ug/ml



#13 Pyrene (C20.8)

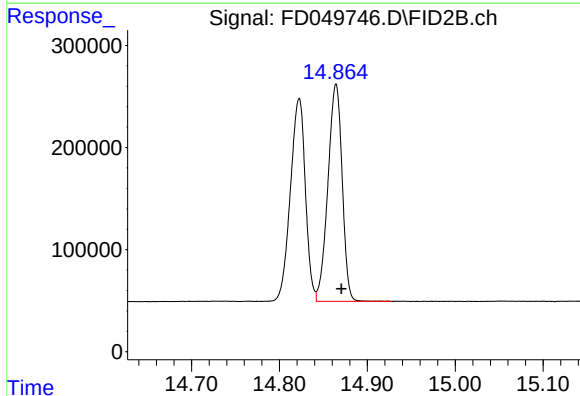
R.T.: 12.950 min
Delta R.T.: -0.006 min
Response: 2652306
Conc: 19.94 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



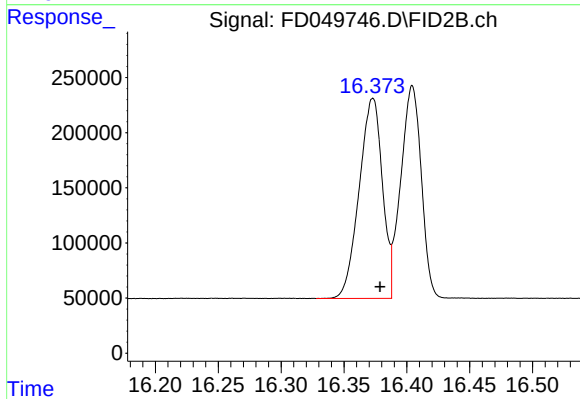
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.007 min
Response: 2356429
Conc: 19.70 ug/ml



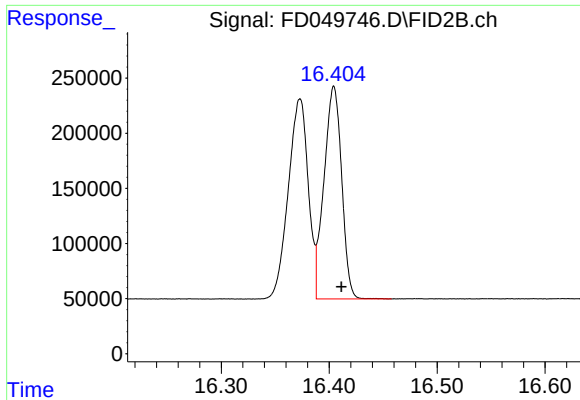
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.006 min
Response: 2395460
Conc: 19.69 ug/ml



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

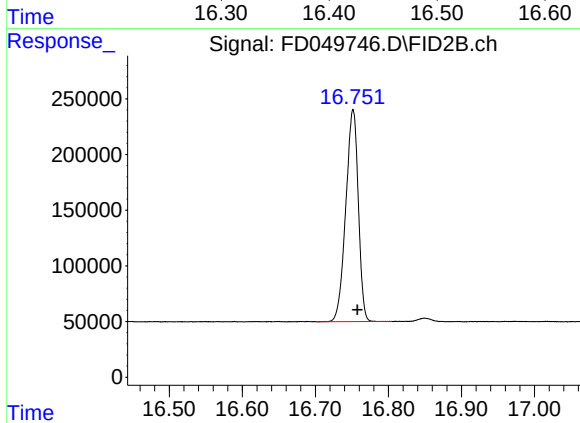
R.T.: 16.373 min
Delta R.T.: -0.006 min
Response: 2334140
Conc: 19.47 ug/ml



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

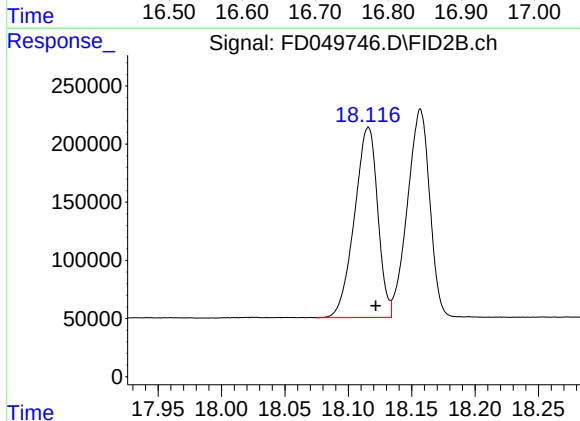
R.T.: 16.404 min
Delta R.T.: -0.007 min
Response: 2194499
Conc: 19.48 ug/ml

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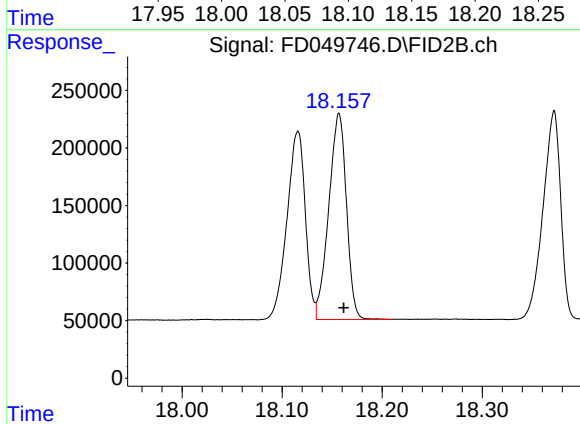
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: -0.006 min
Response: 2267752
Conc: 19.33 ug/ml



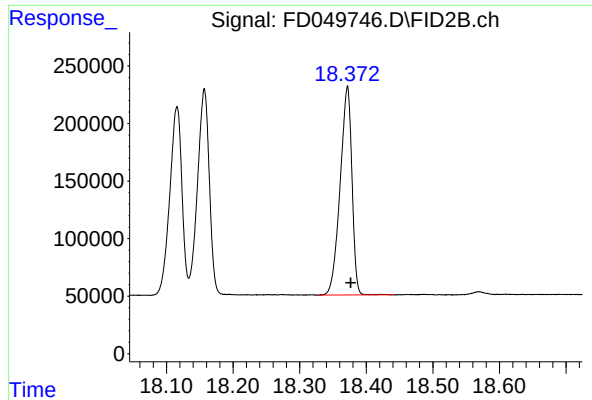
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: -0.006 min
Response: 2089570
Conc: 19.21 ug/ml



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

R.T.: 18.157 min
Delta R.T.: -0.005 min
Response: 2198827
Conc: 19.30 ug/ml



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

R.T.: 18.371 min
Delta R.T.: -0.005 min
Response: 2231365
Conc: 19.18 ug/ml

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