

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103125AR\
 Data File : FD049867.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2025 15:17
 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 01 05:26:37 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	2040472	18.385 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
6) S 2-Fluorobiphenyl (SURR)	8.563	1431497	18.273 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.55%
11) S ortho-Terphenyl (SURR)	11.611	2578112	18.210 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	2035178	18.544 ug/ml
2) T Naphthalene (C11.7)	6.035	2310977	18.598 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2377264	18.378 ug/ml
5) T Acenaphthylene (C15.06)	8.367	2500402	18.361 ug/ml
7) T Acenaphthene (C15.5)	8.663	2500422	18.342 ug/ml
8) T Flouorene (C16.55)	9.444	2484603	18.273 ug/ml
9) T Phenanthrene (C19.36)	10.843	2499858	18.078 ug/ml
10) T Anthracene (C19.43)	10.917	2337090	18.325 ug/ml
12) T Fluoranthene (C21.85)	12.656	2532085	18.207 ug/ml
13) T Pyrene (C20.8)	12.954	2518923	18.158 ug/ml
14) T Benzo[a]anthracene (C...	14.826	2260263	17.876 ug/ml
15) T Chrysene (C27.41)	14.868	2353973	17.941 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2304864	17.893 ug/ml
17) T Bnezo[k]fluoranthene ...	16.409	2171048	17.836 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.756	2221746	17.741 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.119	1984888	17.247 ug/ml
20) T Dibenz[a,h]anthracene...	18.160	1990157	15.370 ug/ml
21) T Benzo[g,h,i]perylene ...	18.374	2224052	17.681 ug/ml

(f)=RT Delta > 1/2 Window

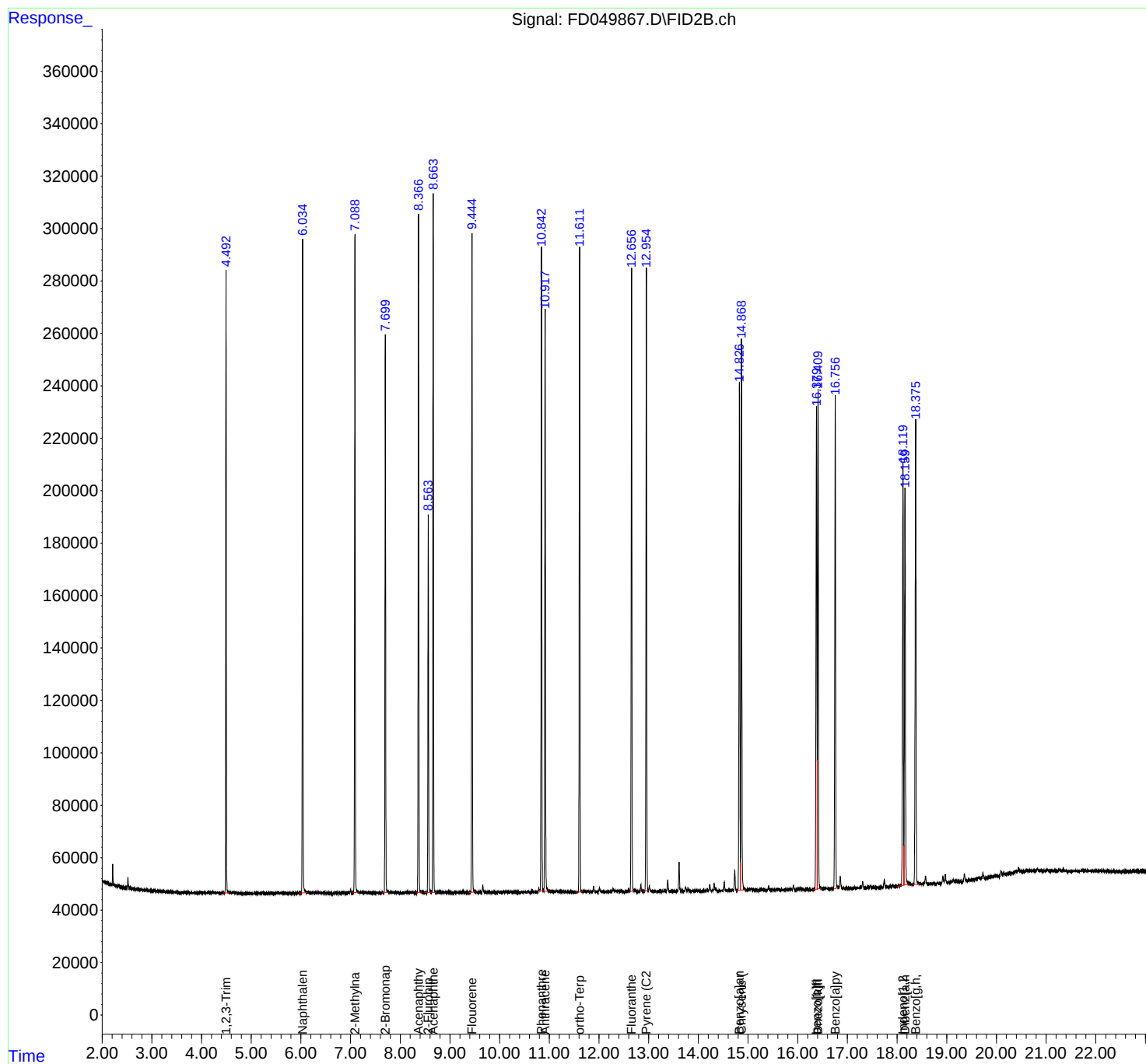
(m)=manual int.

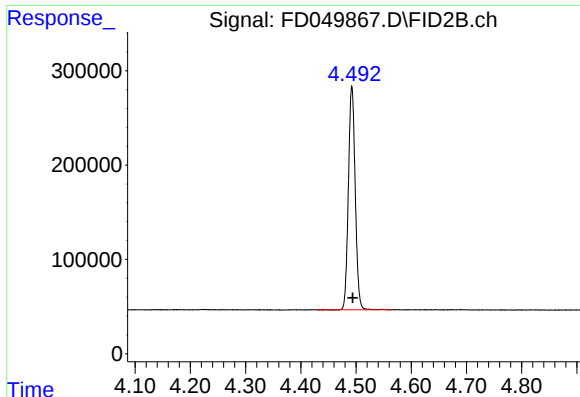
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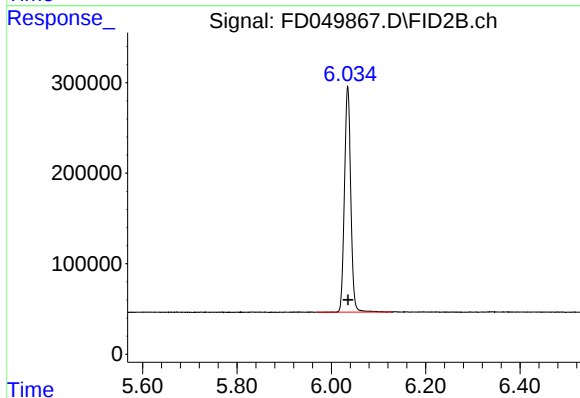




#1 1,2,3-Trimethylbenzene (C10.1)

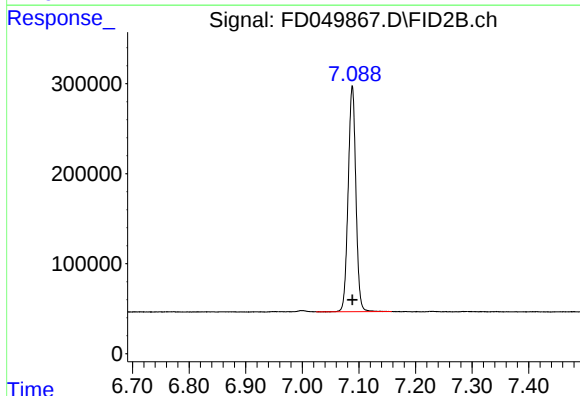
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 2035178
Conc: 18.54 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



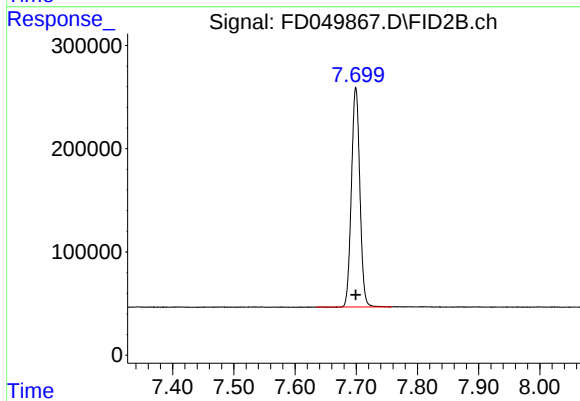
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2310977
Conc: 18.60 ug/ml



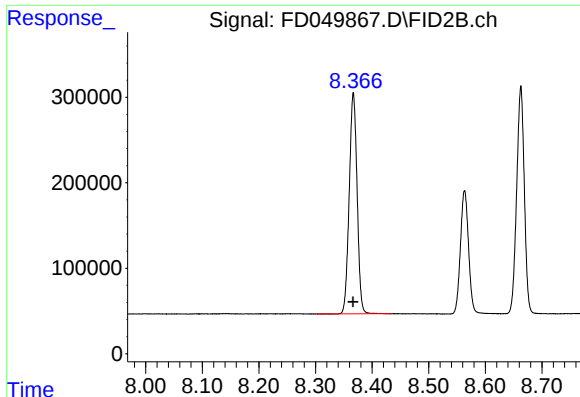
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 2377264
Conc: 18.38 ug/ml



#4 2-Bromonaphthalene (SURR)

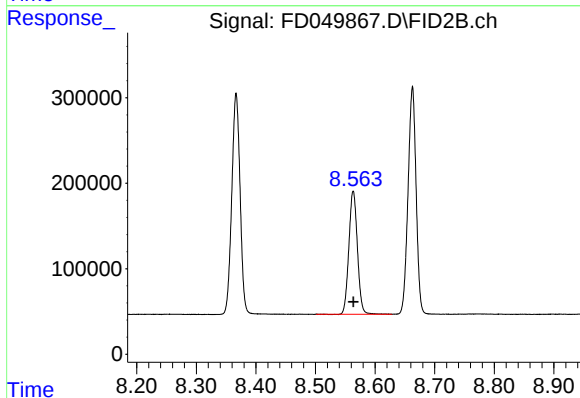
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 2040472
Conc: 18.38 ug/ml



#5 Acenaphthylene (C15.06)

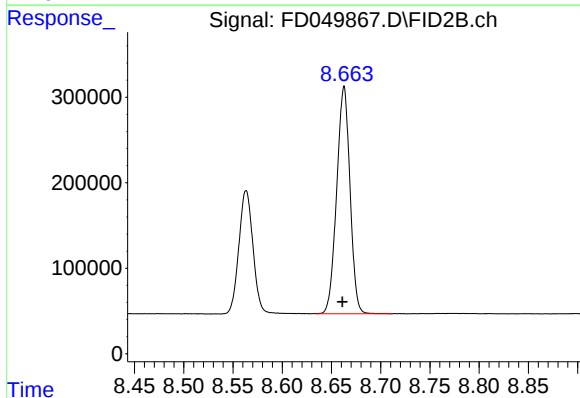
R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 2500402
Conc: 18.36 ug/ml

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20 PPM AROMATIC HC STD



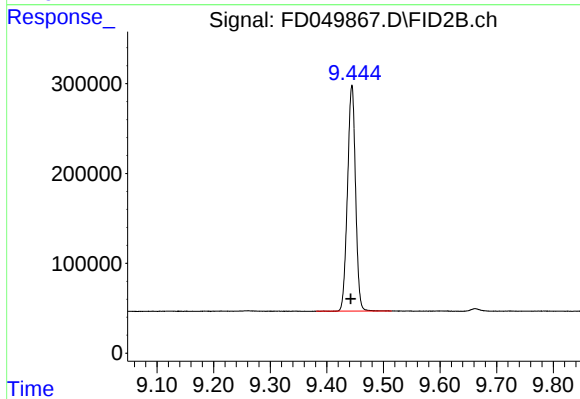
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 1431497
Conc: 18.27 ug/ml



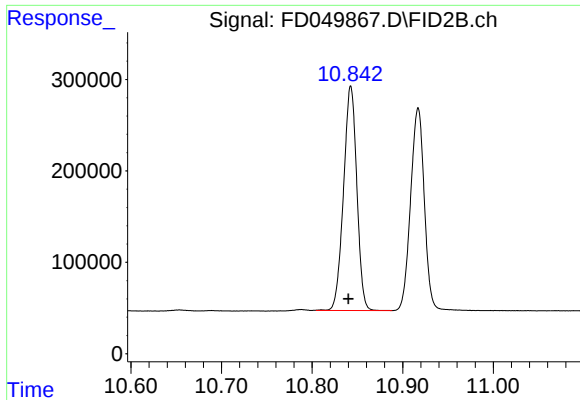
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.001 min
Response: 2500422
Conc: 18.34 ug/ml



#8 Fluorene (C16.55)

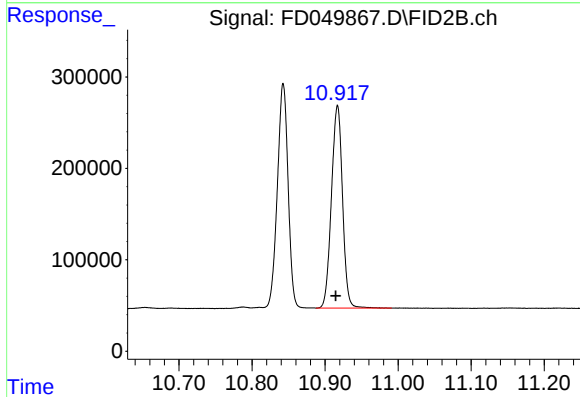
R.T.: 9.444 min
Delta R.T.: 0.002 min
Response: 2484603
Conc: 18.27 ug/ml



#9 Phenanthrene (C19.36)

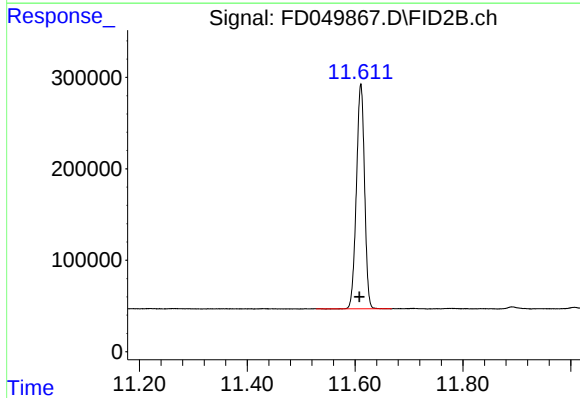
R.T.: 10.843 min
Delta R.T.: 0.002 min
Response: 2499858
Conc: 18.08 ug/ml

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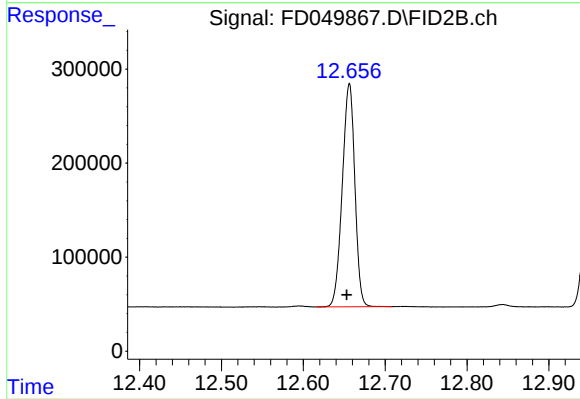
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: 0.002 min
Response: 2337090
Conc: 18.33 ug/ml



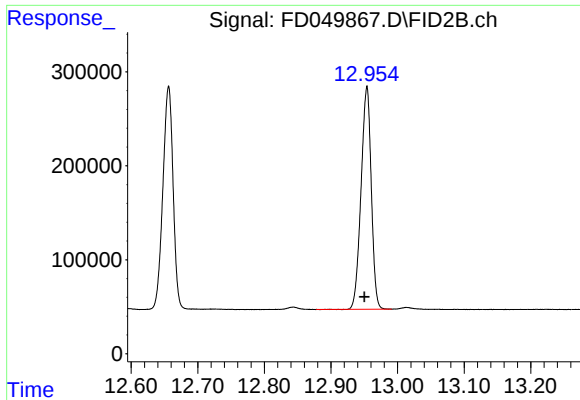
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.003 min
Response: 2578112
Conc: 18.21 ug/ml



#12 Fluoranthene (C21.85)

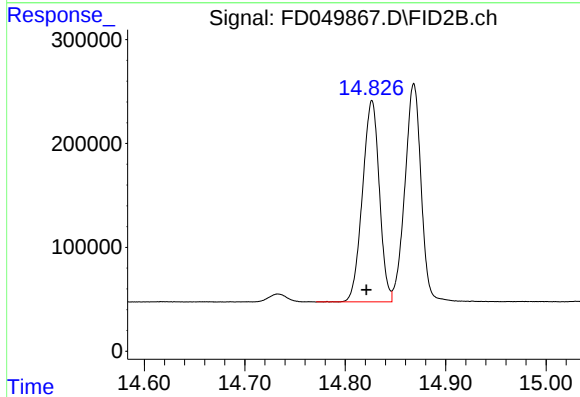
R.T.: 12.656 min
Delta R.T.: 0.003 min
Response: 2532085
Conc: 18.21 ug/ml



#13 Pyrene (C20.8)

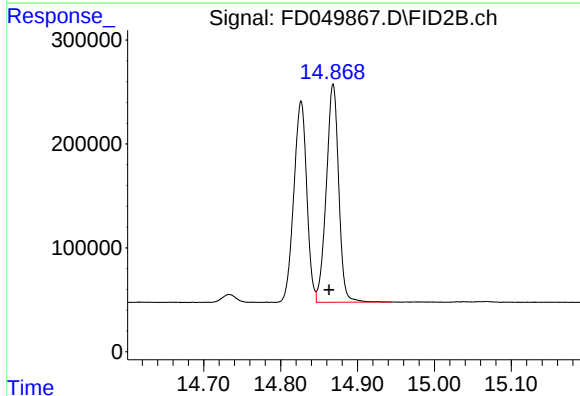
R.T.: 12.954 min
Delta R.T.: 0.003 min
Response: 2518923
Conc: 18.16 ug/ml

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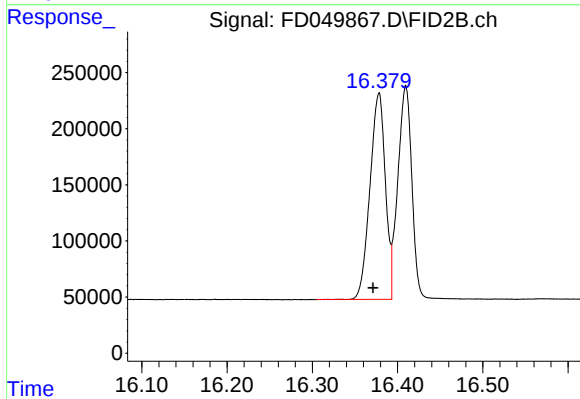
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.826 min
Delta R.T.: 0.005 min
Response: 2260263
Conc: 17.88 ug/ml



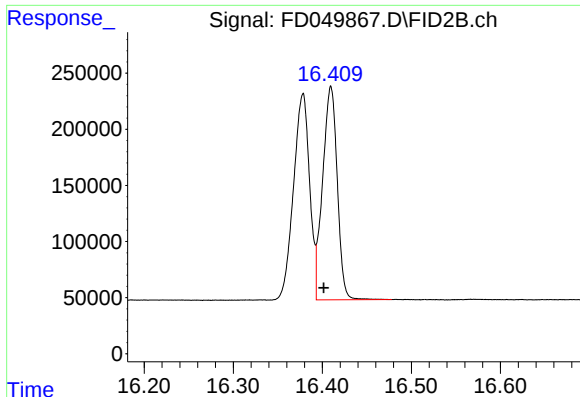
#15 Chrysene (C27.41)

R.T.: 14.868 min
Delta R.T.: 0.005 min
Response: 2353973
Conc: 17.94 ug/ml



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

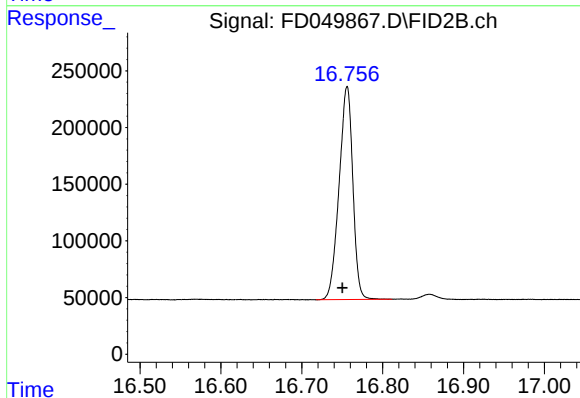
R.T.: 16.378 min
Delta R.T.: 0.006 min
Response: 2304864
Conc: 17.89 ug/ml



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

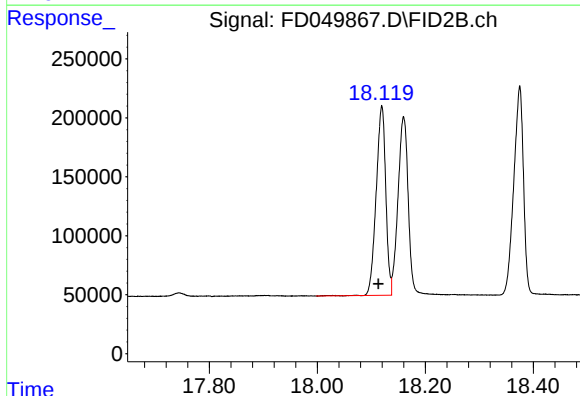
R.T.: 16.409 min
Delta R.T.: 0.008 min
Response: 2171048
Conc: 17.84 ug/ml

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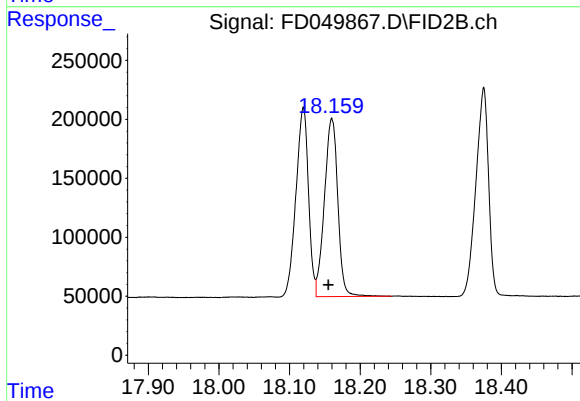
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.756 min
Delta R.T.: 0.006 min
Response: 2221746
Conc: 17.74 ug/ml



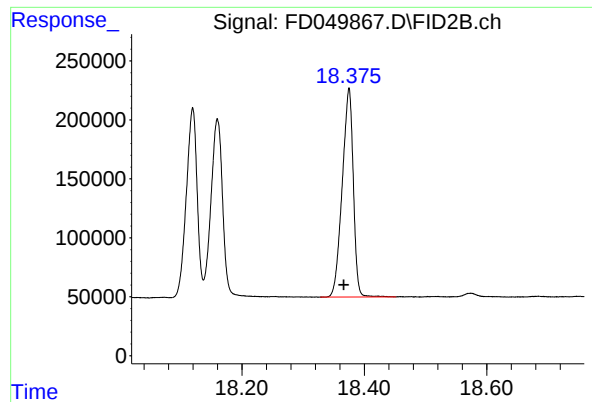
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.119 min
Delta R.T.: 0.006 min
Response: 1984888
Conc: 17.25 ug/ml



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

R.T.: 18.160 min
Delta R.T.: 0.005 min
Response: 1990157
Conc: 15.37 ug/ml



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

R.T.: 18.374 min
Delta R.T.: 0.008 min
Response: 2224052
Conc: 17.68 ug/ml

Instrument :

FID_D

ClientSampleId :

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