

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049469.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 22:03
 Operator : YP/AJ
 Sample : Q2126-09
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 13 04:17:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.734	6848934	41.201 ug/ml
Spiked Amount 50.000		Recovery =	82.40%
6) S 2-Fluorobiphenyl (SURR)	8.599	4716545	41.230 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.46%
11) S ortho-Terphenyl (SURR)	11.645	7234729	36.044 ug/ml
Spiked Amount 50.000		Recovery =	72.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	305164	1.918 ug/ml
2) T Naphthalene (C11.7)	6.068	361943	2.061 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	343573	1.923 ug/ml
5) T Acenaphthylene (C15.06)	8.399	397006	2.049 ug/ml
7) T Acenaphthene (C15.5)	8.695	409457	2.153 ug/ml
8) T Fluorene (C16.55)	9.475	408223	2.088 ug/ml
9) T Phenanthrene (C19.36)	10.872	405390	2.132 ug/ml
10) T Anthracene (C19.43)	10.946	402648	2.303 ug/ml
12) T Fluoranthene (C21.85)	12.685	417517	2.315 ug/ml
13) T Pyrene (C20.8)	12.983	418512	2.345 ug/ml
14) T Benzo[a]anthracene (C...	14.853	386308	2.542 ug/ml
15) T Chrysene (C27.41)	14.895	430954	2.838 ug/ml
16) T benzo[b]fluoranthene ...	16.402	382456	2.642 ug/ml
17) T Bnezo[k]fluoranthene ...	16.433	384833	2.682 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	374867	2.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	382862	2.997 ug/ml
20) T Dibenz[a,h]anthracene...	18.185	374386	2.781 ug/ml
21) T Benzo[g,h,i]perylene ...	18.397	379024	2.812 ug/ml

(f)=RT Delta > 1/2 Window

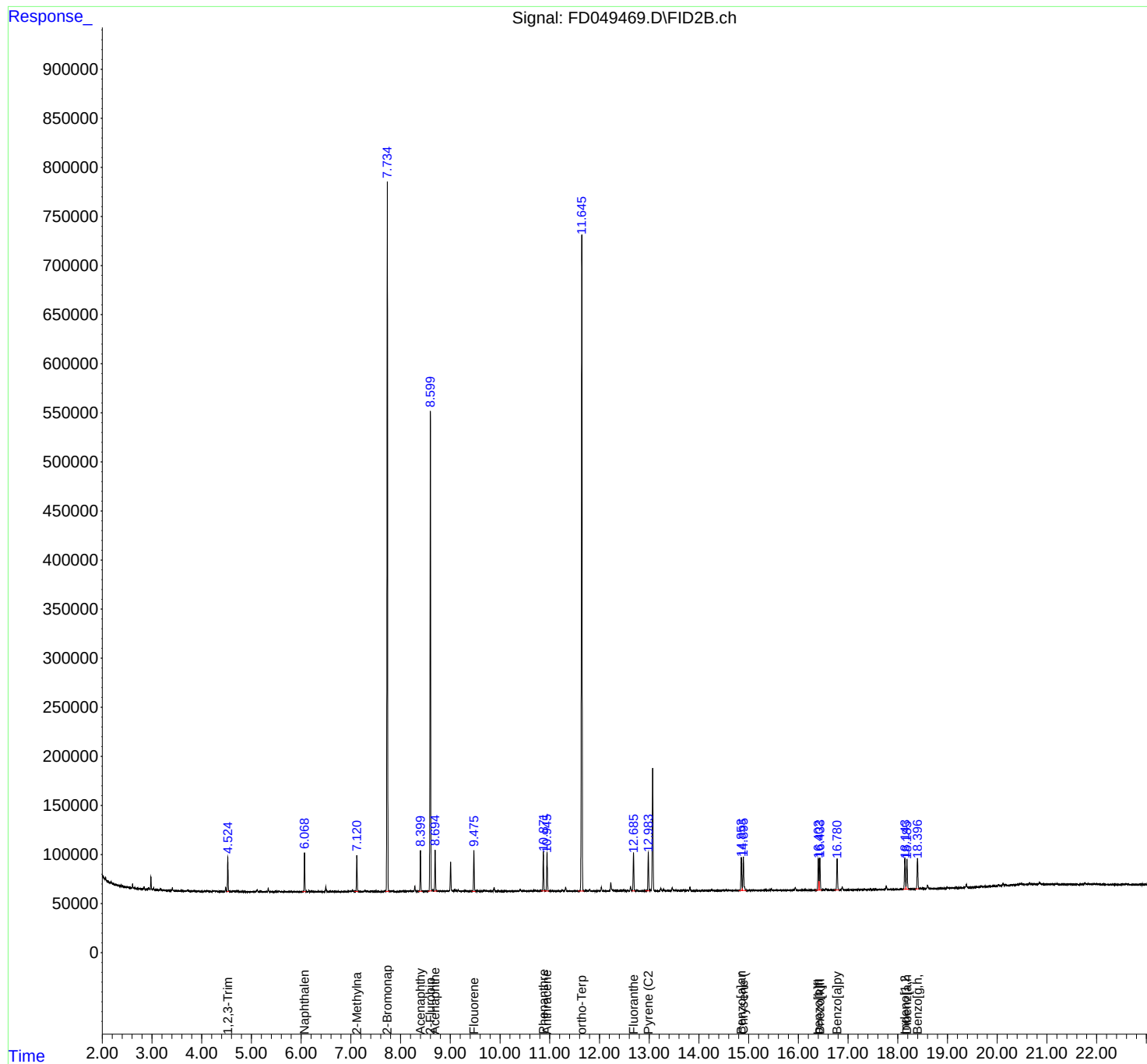
(m)=manual int.

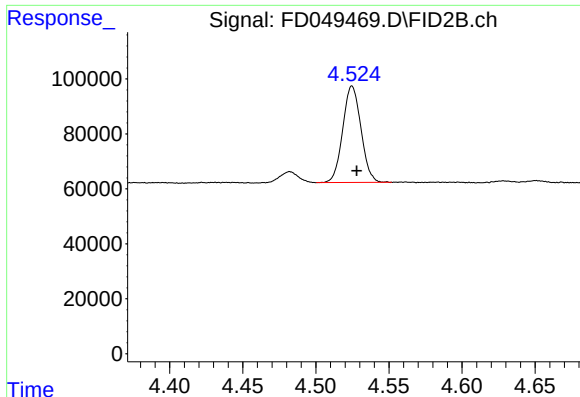
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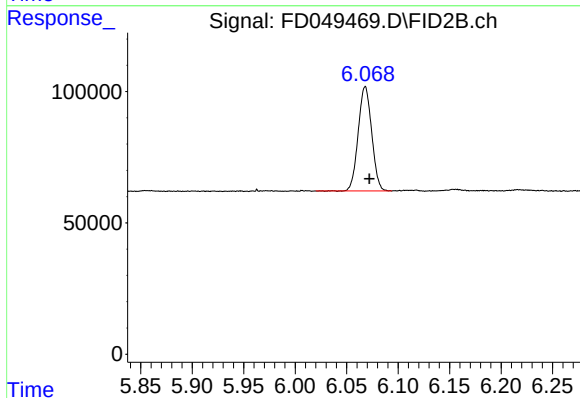




#1 1,2,3-Trimethylbenzene (C10.1)

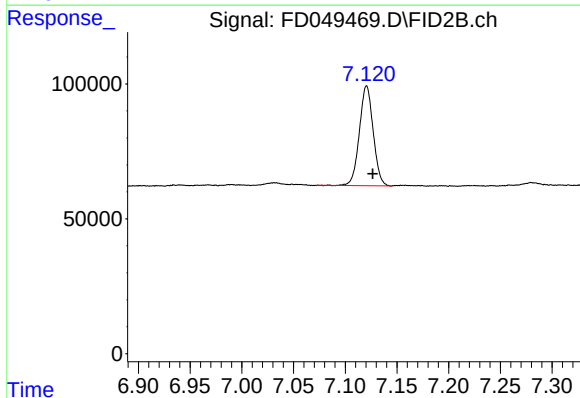
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 305164
Conc: 1.92 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT2-2025



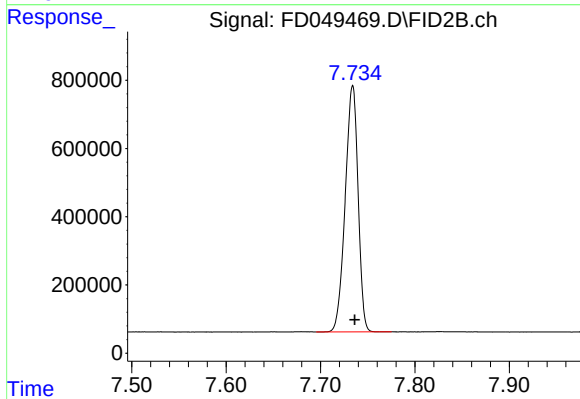
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 361943
Conc: 2.06 ug/ml



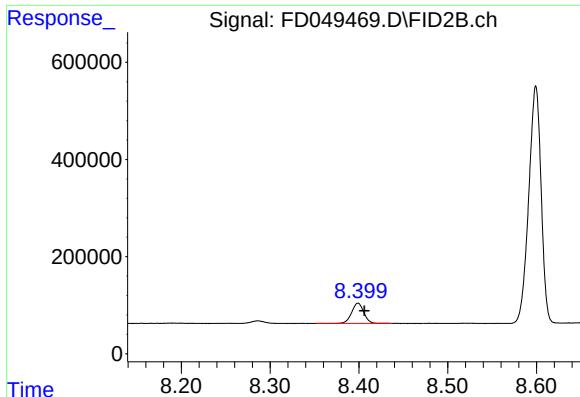
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.006 min
Response: 343573
Conc: 1.92 ug/ml



#4 2-Bromonaphthalene (SURR)

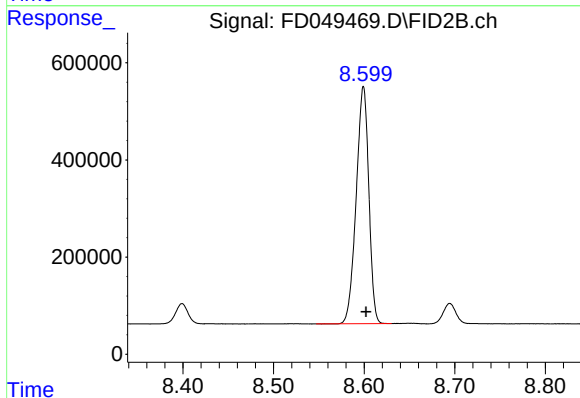
R.T.: 7.734 min
Delta R.T.: -0.002 min
Response: 6848934
Conc: 41.20 ug/ml



#5 Acenaphthylene (C15.06)

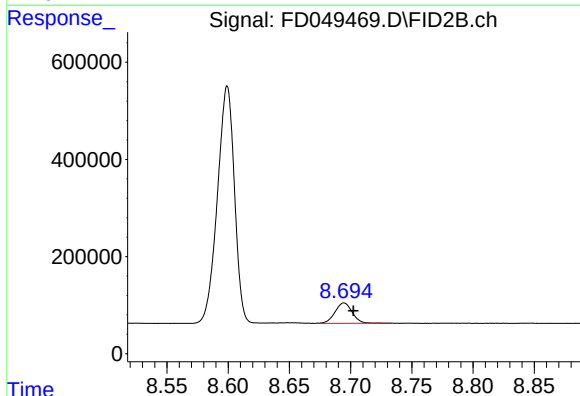
R.T.: 8.399 min
Delta R.T.: -0.007 min
Response: 397006
Conc: 2.05 ug/ml

Instrument :
FID_D
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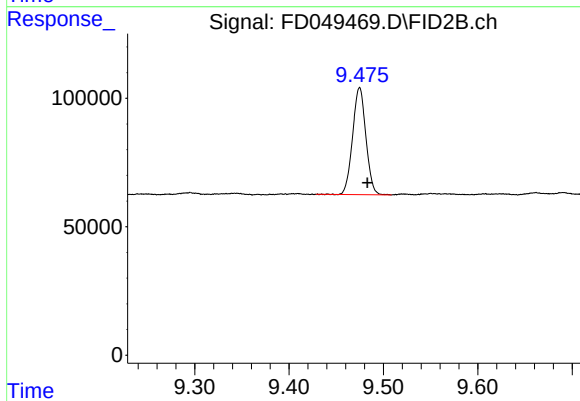
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 4716545
Conc: 41.23 ug/ml



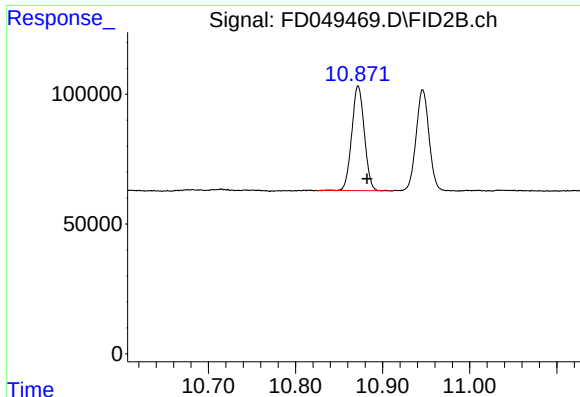
#7 Acenaphthene (C15.5)

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 409457
Conc: 2.15 ug/ml



#8 Fluorene (C16.55)

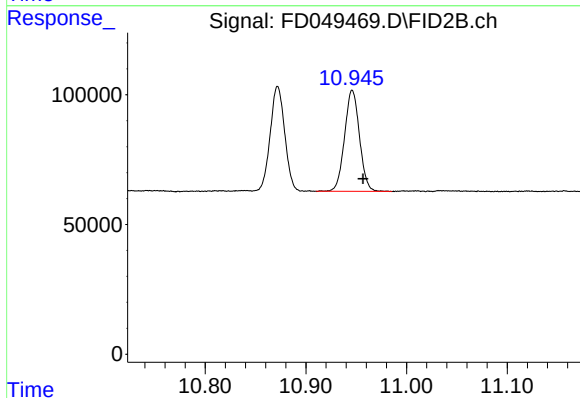
R.T.: 9.475 min
Delta R.T.: -0.008 min
Response: 408223
Conc: 2.09 ug/ml



#9 Phenanthrene (C19.36)

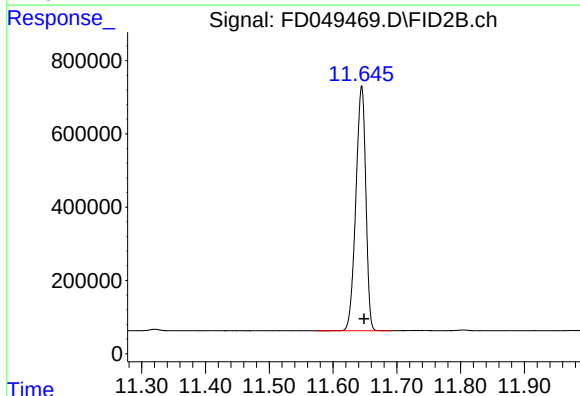
R.T.: 10.872 min
Delta R.T.: -0.010 min
Response: 405390
Conc: 2.13 ug/ml

Instrument :
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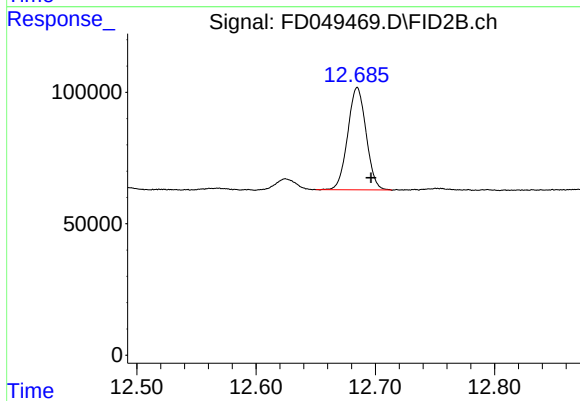
#10 Anthracene (C19.43)

R.T.: 10.946 min
Delta R.T.: -0.011 min
Response: 402648
Conc: 2.30 ug/ml



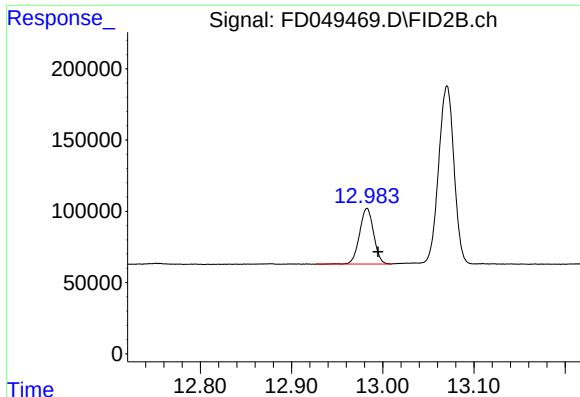
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 7234729
Conc: 36.04 ug/ml



#12 Fluoranthene (C21.85)

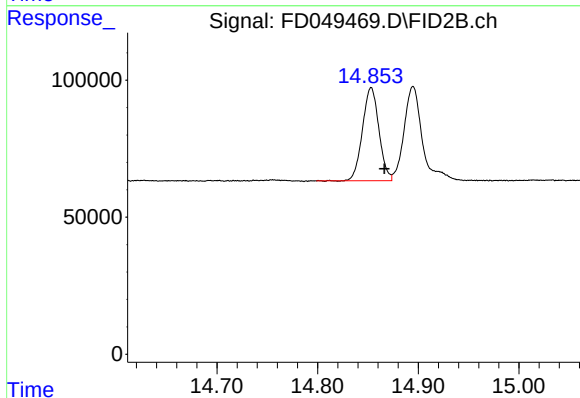
R.T.: 12.685 min
Delta R.T.: -0.012 min
Response: 417517
Conc: 2.31 ug/ml



#13 Pyrene (C20.8)

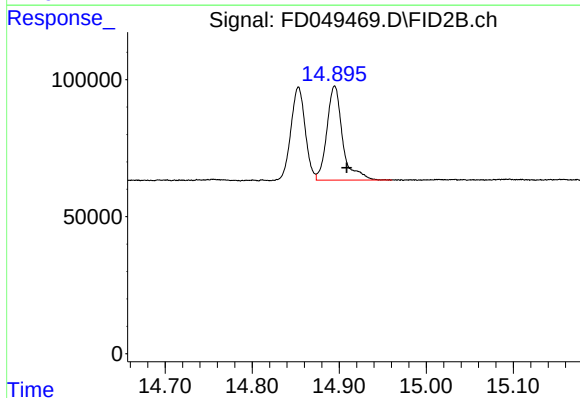
R.T.: 12.983 min
Delta R.T.: -0.012 min
Response: 418512
Conc: 2.34 ug/ml

Instrument :
FID_D
ClientSampleId :
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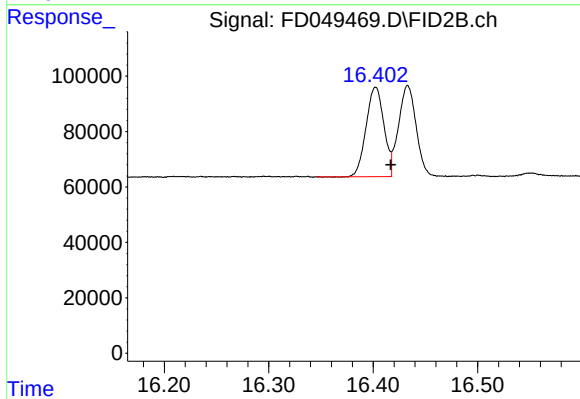
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.853 min
Delta R.T.: -0.013 min
Response: 386308
Conc: 2.54 ug/ml



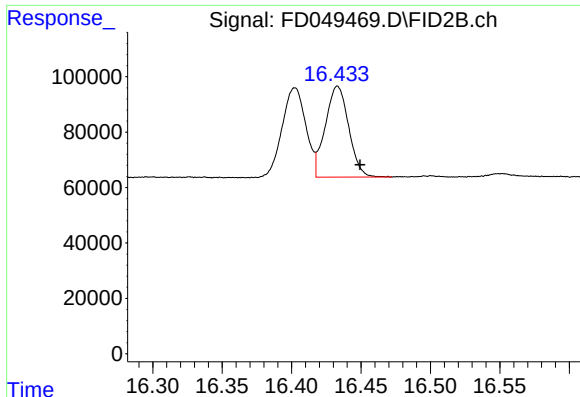
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: -0.014 min
Response: 430954
Conc: 2.84 ug/ml



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

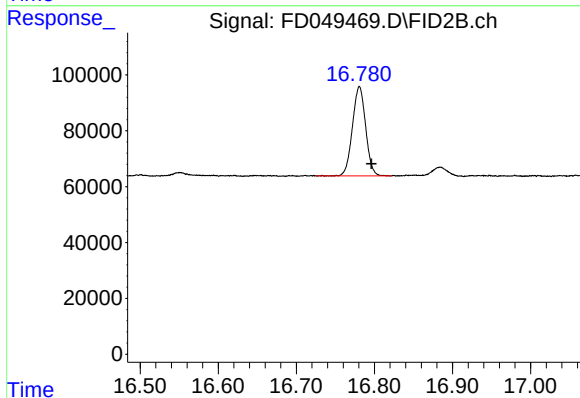
R.T.: 16.402 min
Delta R.T.: -0.015 min
Response: 382456
Conc: 2.64 ug/ml



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

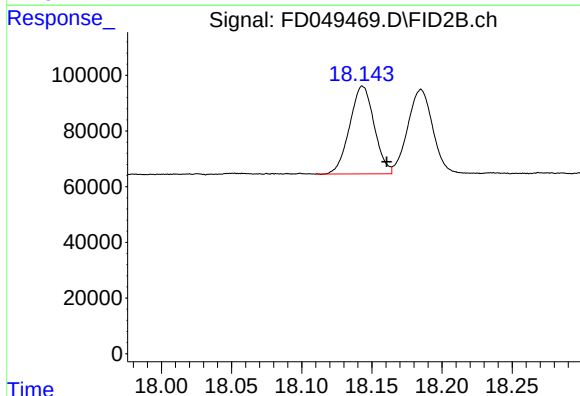
R.T.: 16.433 min
Delta R.T.: -0.016 min
Response: 384833
Conc: 2.68 ug/ml

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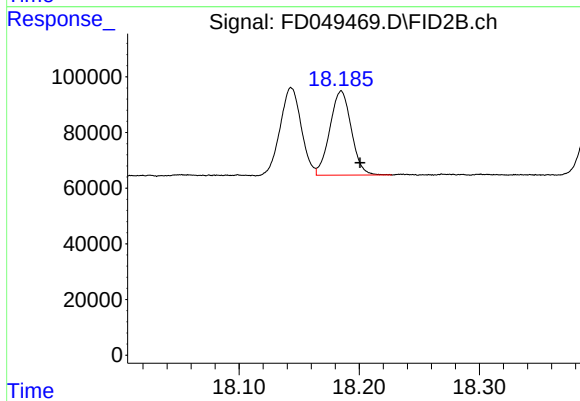
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: -0.015 min
Response: 374867
Conc: 2.76 ug/ml



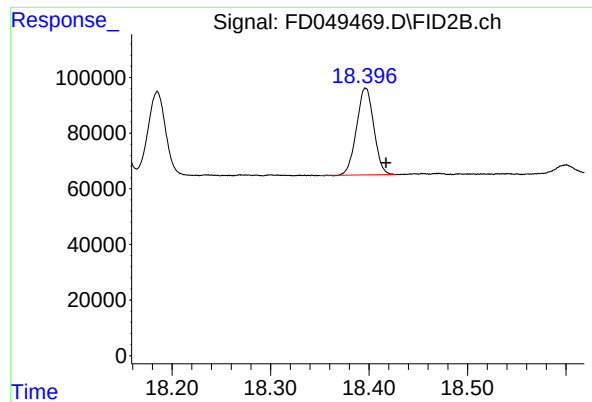
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min
Delta R.T.: -0.017 min
Response: 382862
Conc: 3.00 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.016 min
Response: 374386
Conc: 2.78 ug/ml



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

R.T.: 18.397 min
Delta R.T.: -0.021 min
Response: 379024
Conc: 2.81 ug/ml

Instrument :
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