

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049468.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 21:22
 Operator : YP/AJ
 Sample : Q2126-03
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jun 13 04:16:36 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	6759428	40.662 ug/ml
Spiked Amount 50.000		Recovery =	81.32%
6) S 2-Fluorobiphenyl (SURR)	8.599	4666691	40.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.59%
11) S ortho-Terphenyl (SURR)	11.645	7116225	35.453 ug/ml
Spiked Amount 50.000		Recovery =	70.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.526	300927	1.891 ug/ml
2) T Naphthalene (C11.7)	6.068	359544	2.048 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	341660	1.912 ug/ml
5) T Acenaphthylene (C15.06)	8.399	389348	2.010 ug/ml
7) T Acenaphthene (C15.5)	8.695	404314	2.126 ug/ml
8) T Flouorene (C16.55)	9.474	407074	2.082 ug/ml
9) T Phenanthrene (C19.36)	10.872	413240	2.173 ug/ml
10) T Anthracene (C19.43)	10.946	396280	2.267 ug/ml
12) T Fluoranthene (C21.85)	12.685	409540	2.270 ug/ml
13) T Pyrene (C20.8)	12.983	413861	2.319 ug/ml
14) T Benzo[a]anthracene (C...	14.853	388108	2.554 ug/ml
15) T Chrysene (C27.41)	14.895	431864	2.844 ug/ml
16) T benzo[b]fluoranthene ...	16.402	384201	2.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.434	386466	2.693 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	375657	2.764 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	380852	2.982 ug/ml
20) T Dibenz[a,h]anthracene...	18.185	388525	2.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.397	375535	2.786 ug/ml

(f)=RT Delta > 1/2 Window

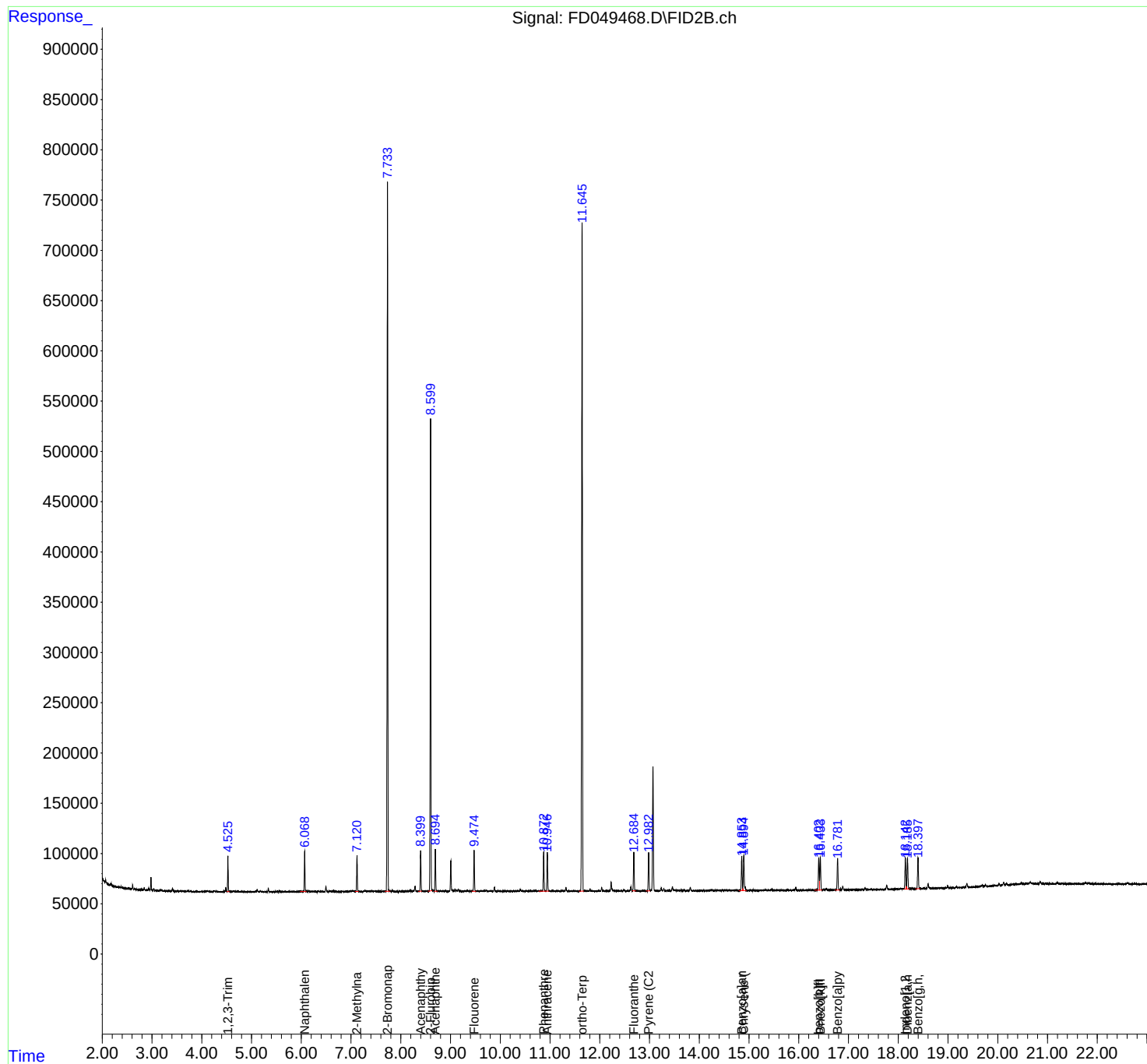
(m)=manual int.

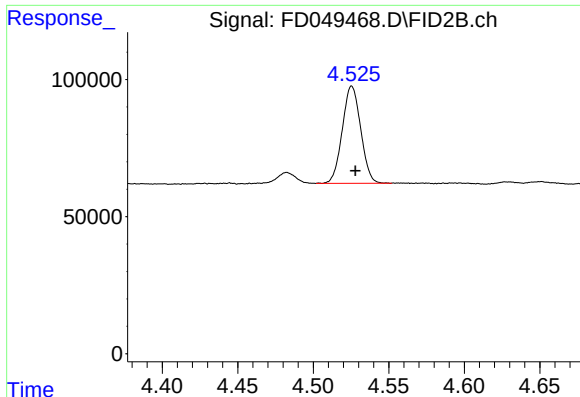
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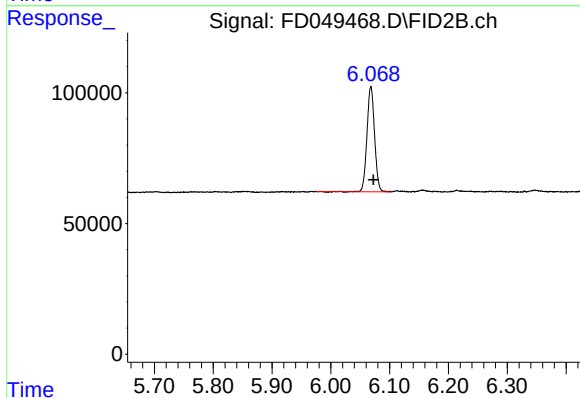




#1 1,2,3-Trimethylbenzene (C10.1)

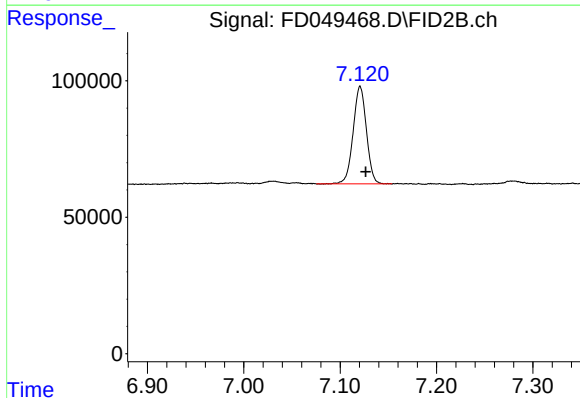
R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 300927
Conc: 1.89 ug/ml

Instrument :
FID_D
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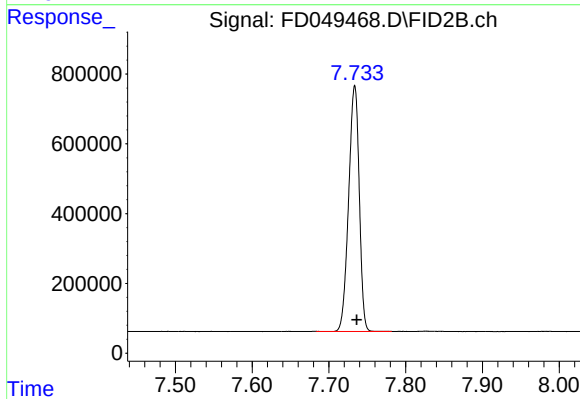
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 359544
Conc: 2.05 ug/ml



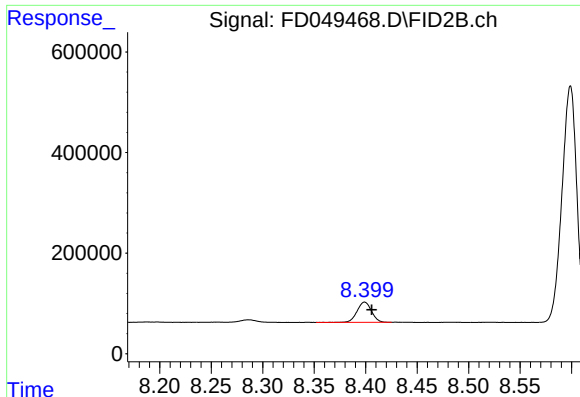
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.006 min
Response: 341660
Conc: 1.91 ug/ml



#4 2-Bromonaphthalene (SURR)

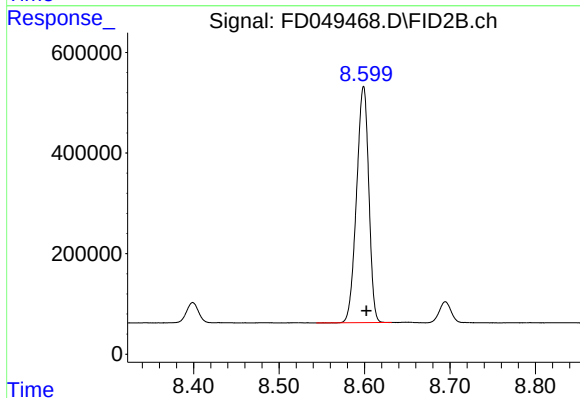
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 6759428
Conc: 40.66 ug/ml



#5 Acenaphthylene (C15.06)

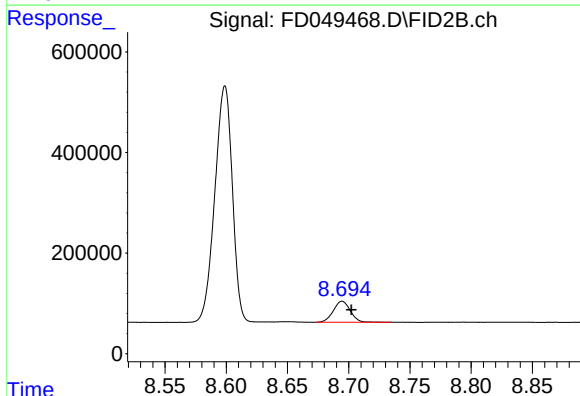
R.T.: 8.399 min
Delta R.T.: -0.007 min
Response: 389348
Conc: 2.01 ug/ml

Instrument :
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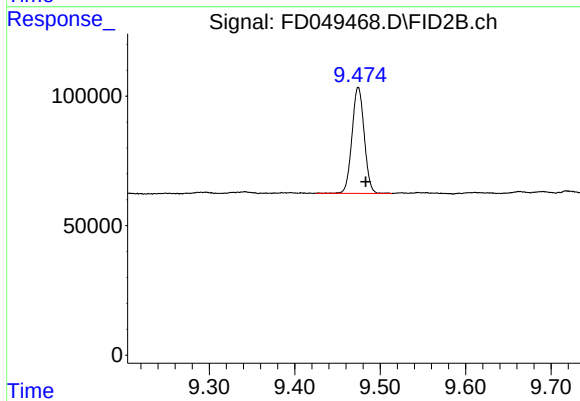
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 4666691
Conc: 40.79 ug/ml



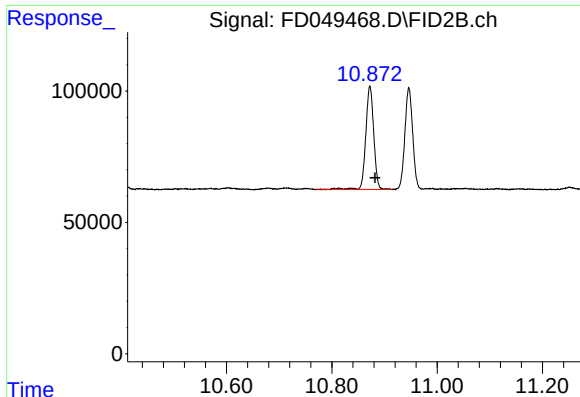
#7 Acenaphthene (C15.5)

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 404314
Conc: 2.13 ug/ml



#8 Fluorene (C16.55)

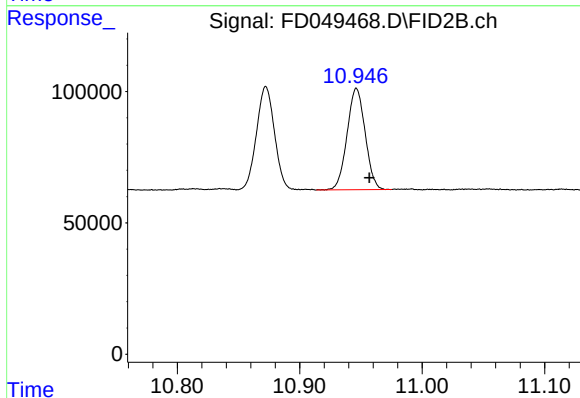
R.T.: 9.474 min
Delta R.T.: -0.009 min
Response: 407074
Conc: 2.08 ug/ml



#9 Phenanthrene (C19.36)

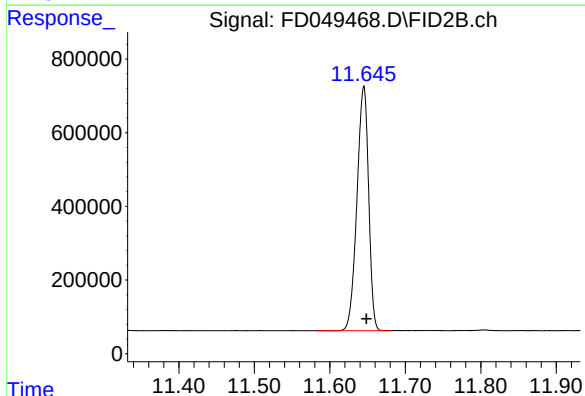
R.T.: 10.872 min
Delta R.T.: -0.010 min
Response: 413240
Conc: 2.17 ug/ml

Instrument :
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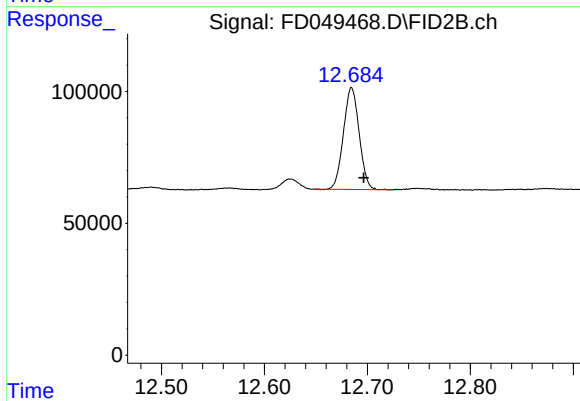
#10 Anthracene (C19.43)

R.T.: 10.946 min
Delta R.T.: -0.011 min
Response: 396280
Conc: 2.27 ug/ml



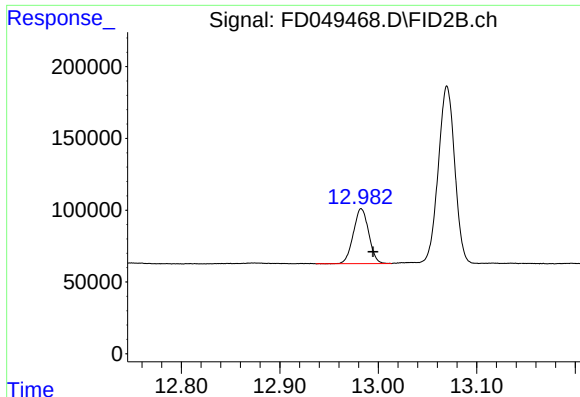
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 7116225
Conc: 35.45 ug/ml



#12 Fluoranthene (C21.85)

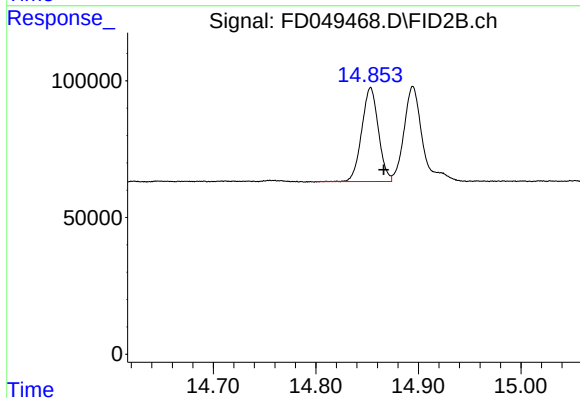
R.T.: 12.685 min
Delta R.T.: -0.012 min
Response: 409540
Conc: 2.27 ug/ml



#13 Pyrene (C20.8)

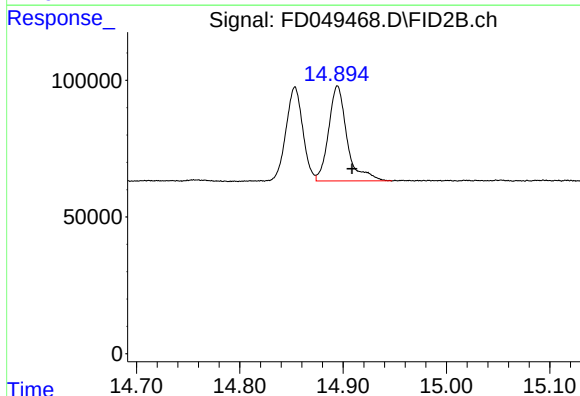
R.T.: 12.983 min
Delta R.T.: -0.012 min
Response: 413861
Conc: 2.32 ug/ml

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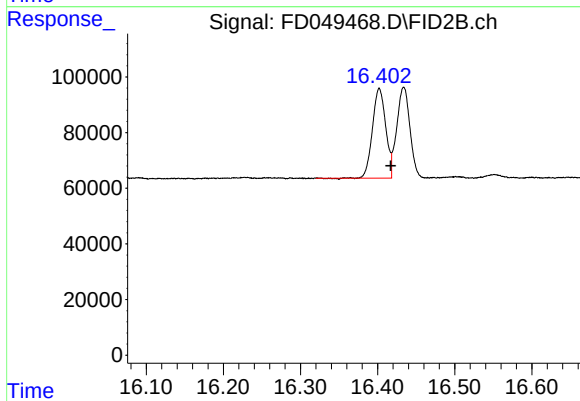
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.853 min
Delta R.T.: -0.013 min
Response: 388108
Conc: 2.55 ug/ml



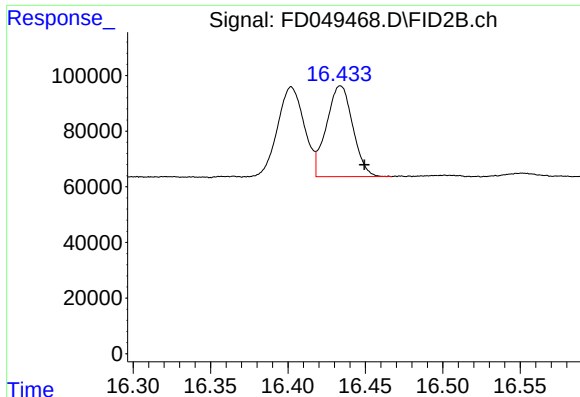
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: -0.014 min
Response: 431864
Conc: 2.84 ug/ml



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

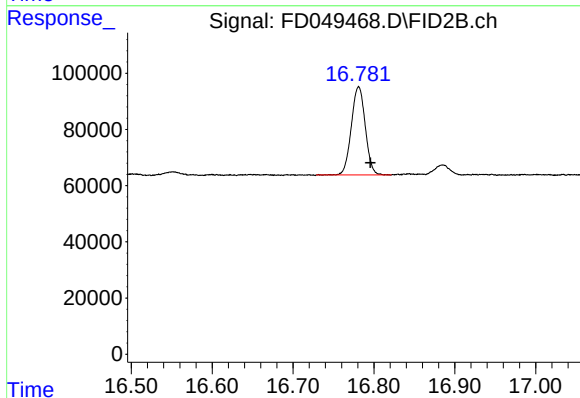
R.T.: 16.402 min
Delta R.T.: -0.015 min
Response: 384201
Conc: 2.65 ug/ml



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

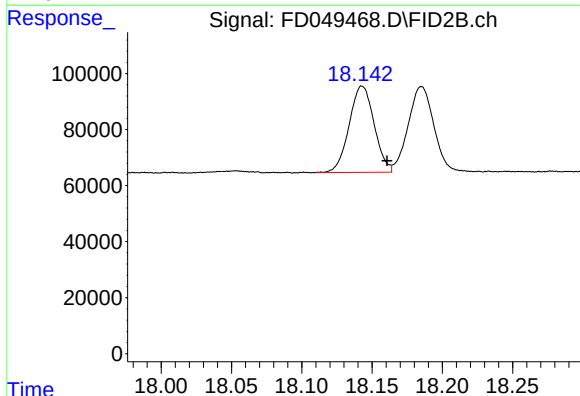
R.T.: 16.434 min
Delta R.T.: -0.015 min
Response: 386466
Conc: 2.69 ug/ml

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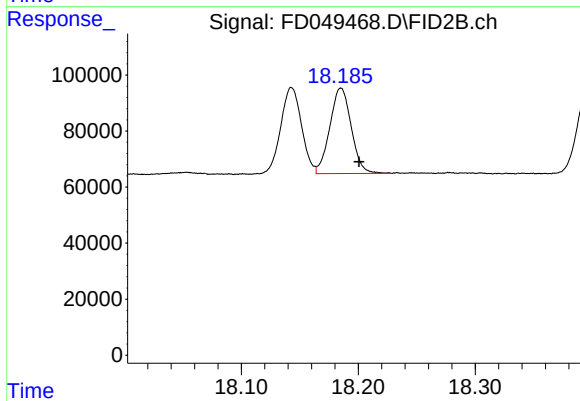
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: -0.015 min
Response: 375657
Conc: 2.76 ug/ml



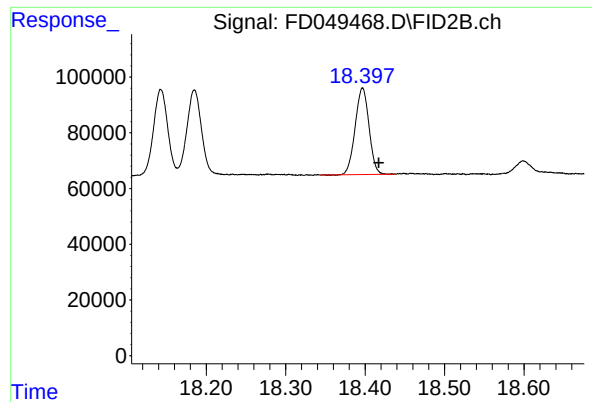
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min
Delta R.T.: -0.018 min
Response: 380852
Conc: 2.98 ug/ml



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

R.T.: 18.185 min
Delta R.T.: -0.016 min
Response: 388525
Conc: 2.89 ug/ml



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

R.T.: 18.397 min
Delta R.T.: -0.021 min
Response: 375535
Conc: 2.79 ug/ml

Instrument :

FID_D

ClientSampleId :

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