

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049436.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 19:23
 Operator : YP/AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jun 12 05:00:24 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...	7.735	8084656	48.634 ug/ml
Spiked Amount 50.000		Recovery =	97.27%
6) S 2-Fluorobiphenyl (SURR)	8.600	5476552	47.873 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.75%
11) S ortho-Terphenyl (SURR)	11.647	8747239	43.579 ug/ml
Spiked Amount 50.000		Recovery =	87.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	567468	3.567 ug/ml
2) T Naphthalene (C11.7)	6.068	663711	3.780 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	632978	3.543 ug/ml
5) T Acenaphthylene (C15.06)	8.399	728926	3.763 ug/ml
7) T Acenaphthene (C15.5)	8.695	748994	3.938 ug/ml
8) T Fluorene (C16.55)	9.476	751922	3.846 ug/ml
9) T Phenanthrene (C19.36)	10.874	745286	3.920 ug/ml
10) T Anthracene (C19.43)	10.948	714405	4.087 ug/ml
12) T Fluoranthene (C21.85)	12.687	753972	4.180 ug/ml
13) T Pyrene (C20.8)	12.985	755256	4.232 ug/ml
14) T Benzo[a]anthracene (C...	14.855	683859	4.499 ug/ml
15) T Chrysene (C27.41)	14.896	782064	5.150 ug/ml
16) T benzo[b]fluoranthene ...	16.405	693504	4.791 ug/ml
17) T Bnezo[k]fluoranthene ...	16.436	694406	4.839 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.783	665434	4.896 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	650217	5.091 ug/ml
20) T Dibenz[a,h]anthracene...	18.188	631613	4.692 ug/ml
21) T Benzo[g,h,i]perylene ...	18.400	656455	4.870 ug/ml

(f)=RT Delta > 1/2 Window

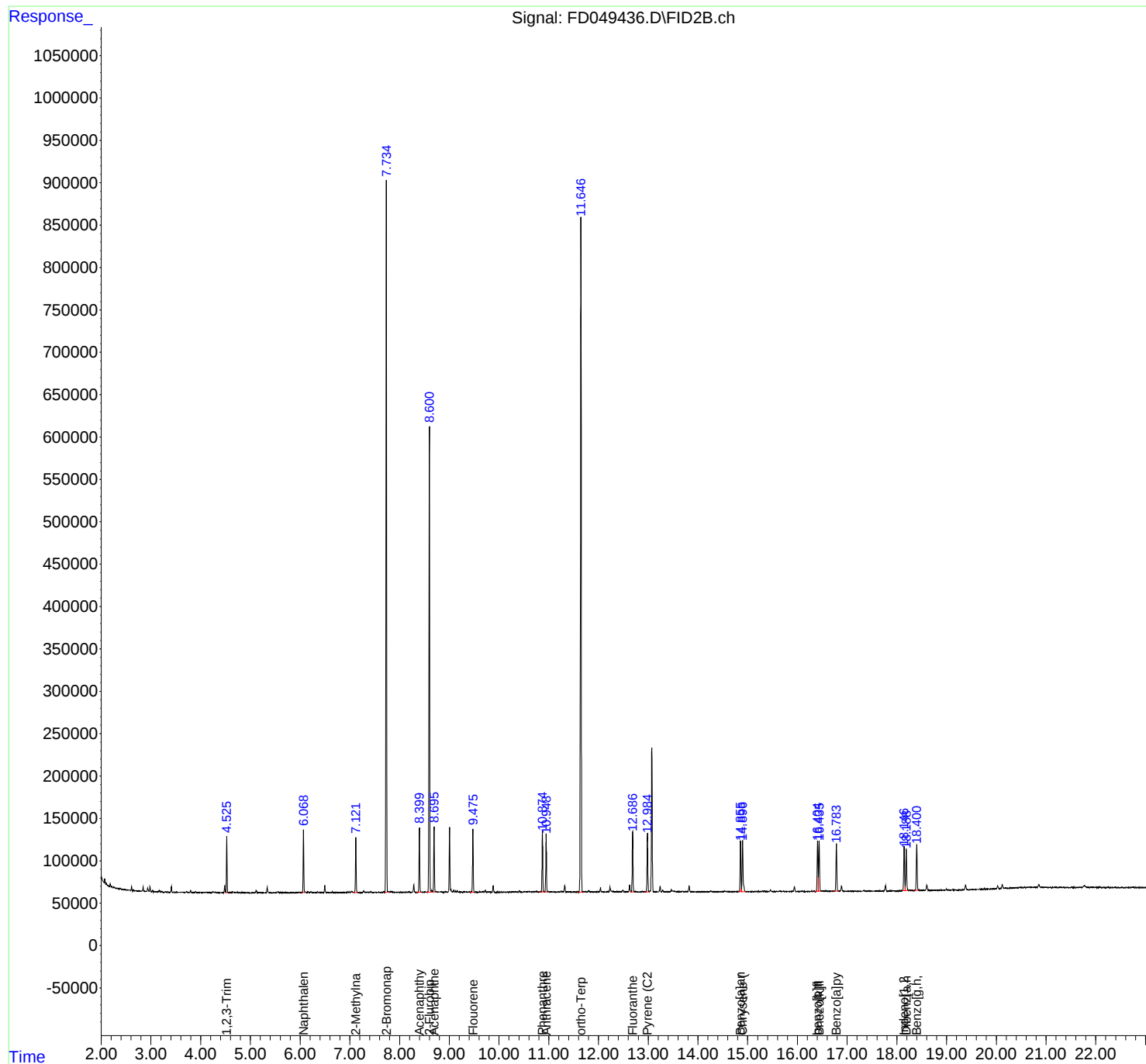
(m)=manual int.

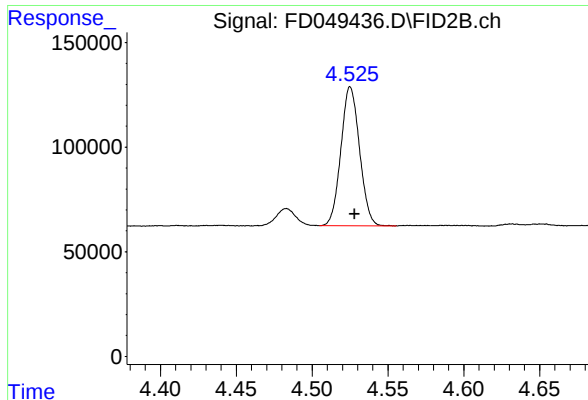
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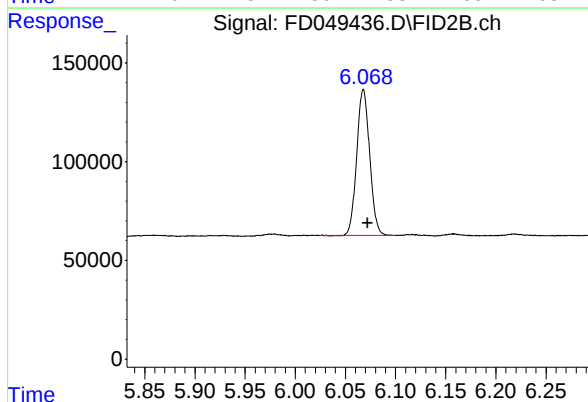




#1 1,2,3-Trimethylbenzene (C10.1)

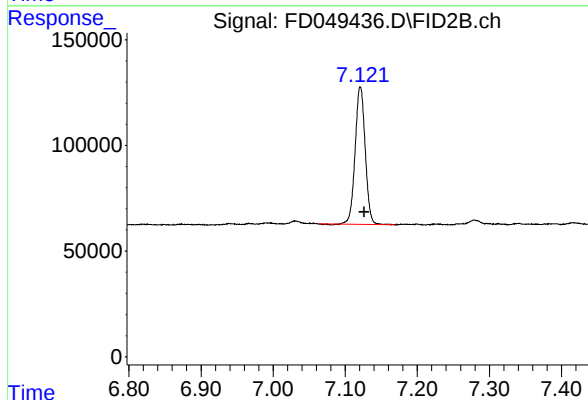
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 567468
Conc: 3.57 ug/ml

Instrument :
FID_D
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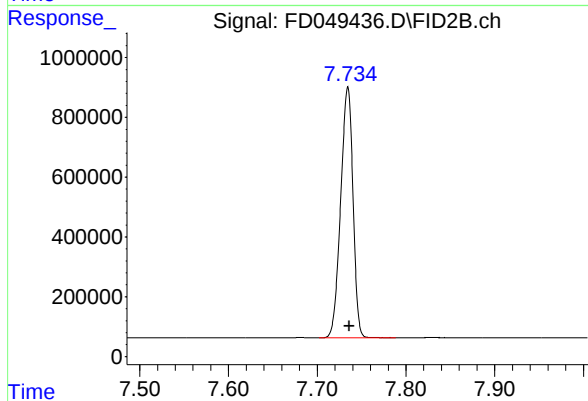
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 663711
Conc: 3.78 ug/ml



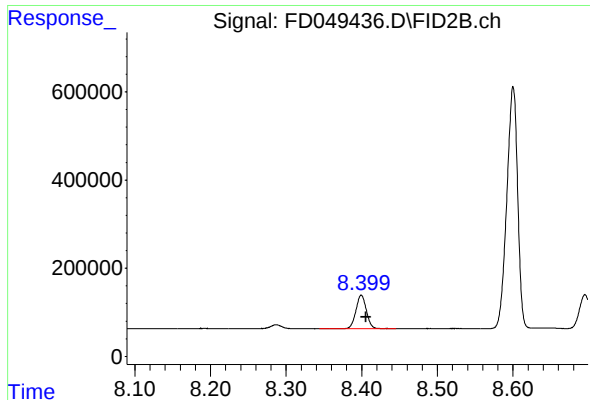
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.005 min
Response: 632978
Conc: 3.54 ug/ml



#4 2-Bromonaphthalene (SURR)

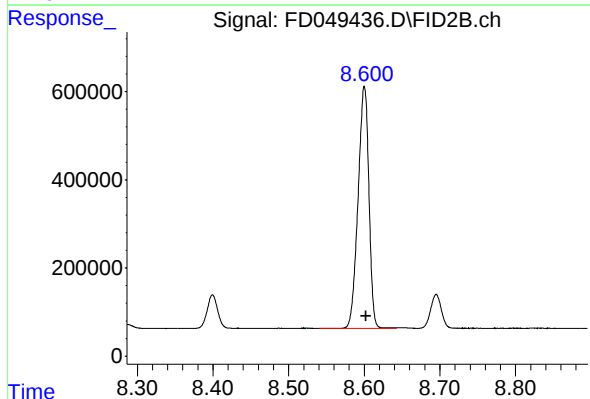
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 8084656
Conc: 48.63 ug/ml



#5 Acenaphthylene (C15.06)

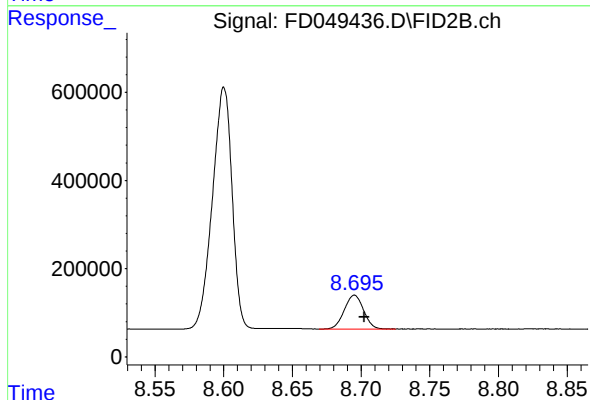
R.T.: 8.399 min
Delta R.T.: -0.007 min
Response: 728926
Conc: 3.76 ug/ml

Instrument :
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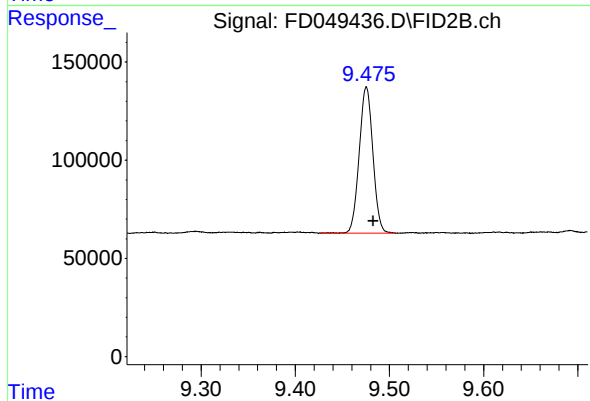
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.600 min
Delta R.T.: -0.002 min
Response: 5476552
Conc: 47.87 ug/ml



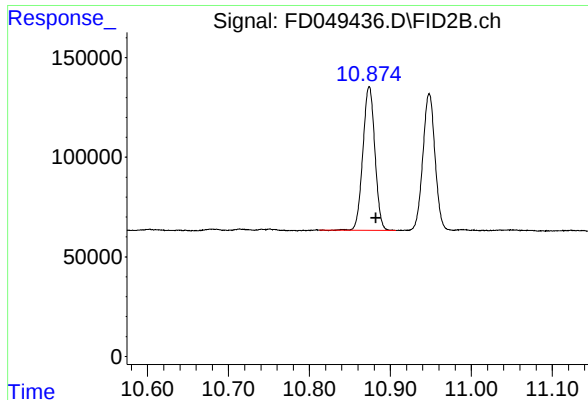
#7 Acenaphthene (C15.5)

R.T.: 8.695 min
Delta R.T.: -0.007 min
Response: 748994
Conc: 3.94 ug/ml



#8 Flouorene (C16.55)

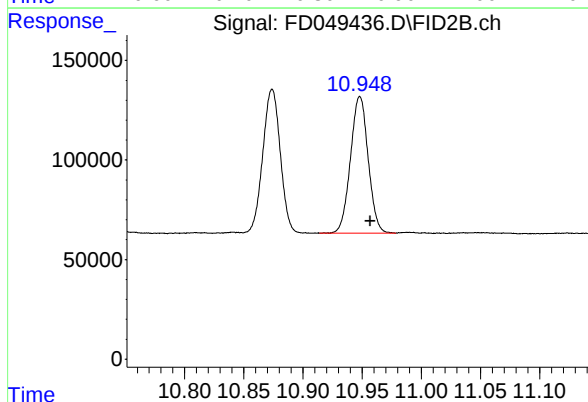
R.T.: 9.476 min
Delta R.T.: -0.008 min
Response: 751922
Conc: 3.85 ug/ml



#9 Phenanthrene (C19.36)

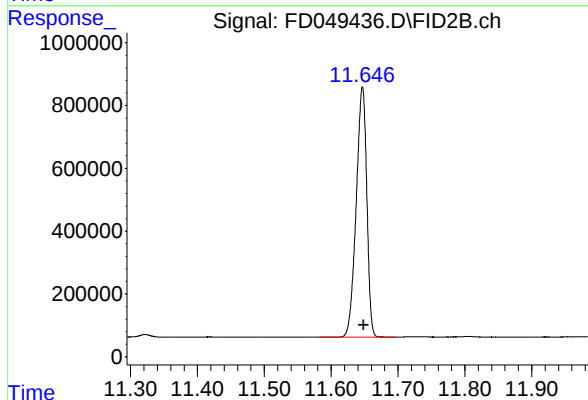
R.T.: 10.874 min
Delta R.T.: -0.008 min
Response: 745286
Conc: 3.92 ug/ml

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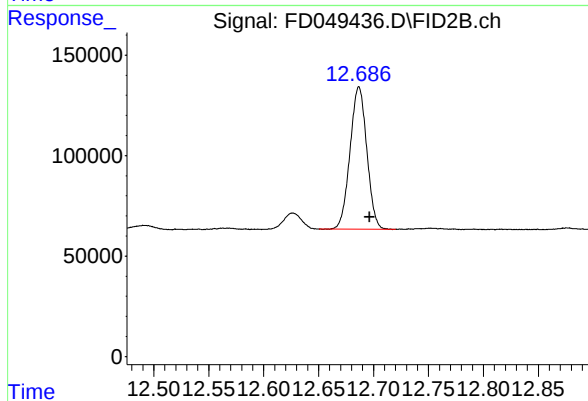
#10 Anthracene (C19.43)

R.T.: 10.948 min
Delta R.T.: -0.009 min
Response: 714405
Conc: 4.09 ug/ml



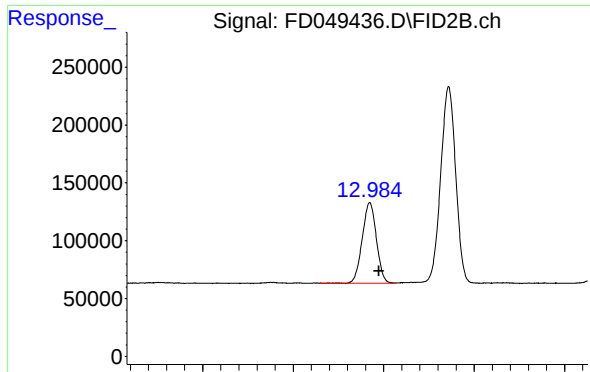
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.002 min
Response: 8747239
Conc: 43.58 ug/ml



#12 Fluoranthene (C21.85)

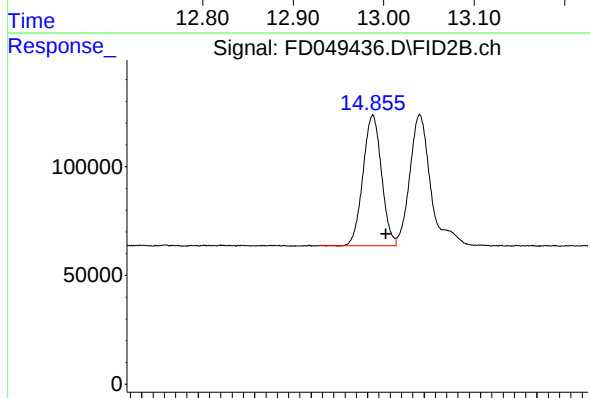
R.T.: 12.687 min
Delta R.T.: -0.010 min
Response: 753972
Conc: 4.18 ug/ml



#13 Pyrene (C20.8)

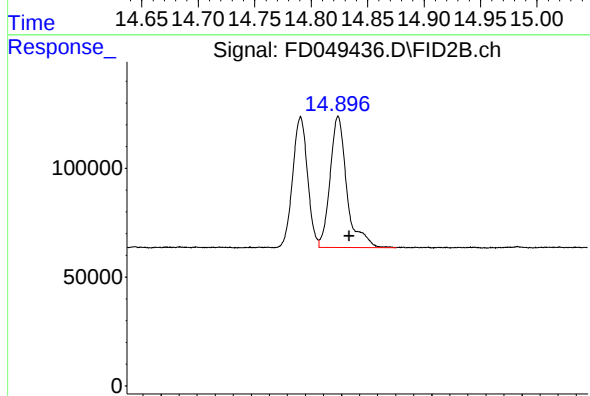
R.T.: 12.985 min
Delta R.T.: -0.010 min
Response: 755256
Conc: 4.23 ug/ml

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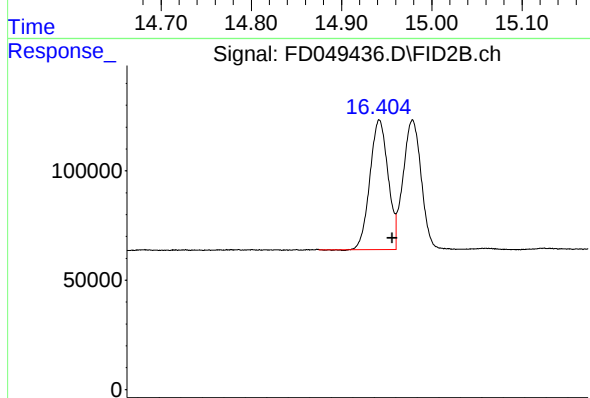
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.855 min
Delta R.T.: -0.011 min
Response: 683859
Conc: 4.50 ug/ml



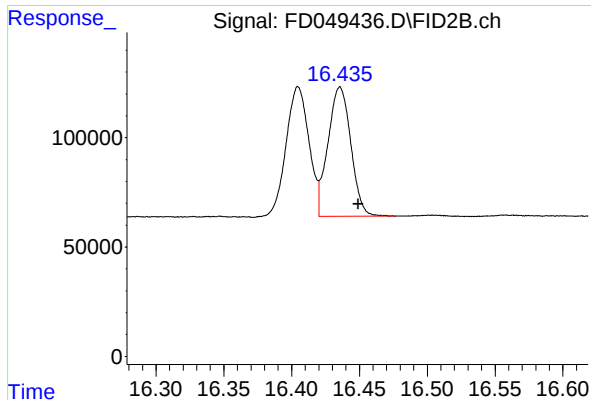
#15 Chrysene (C27.41)

R.T.: 14.896 min
Delta R.T.: -0.012 min
Response: 782064
Conc: 5.15 ug/ml



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

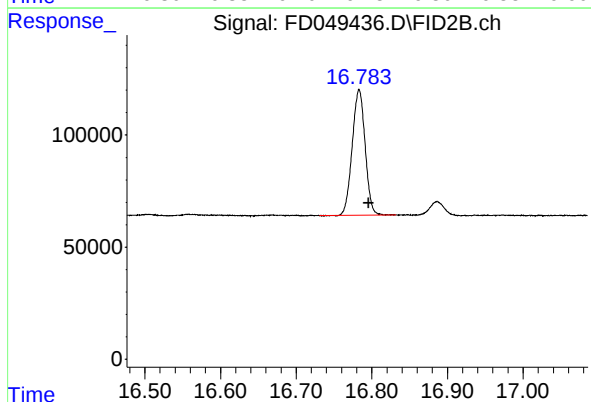
R.T.: 16.405 min
Delta R.T.: -0.012 min
Response: 693504
Conc: 4.79 ug/ml



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

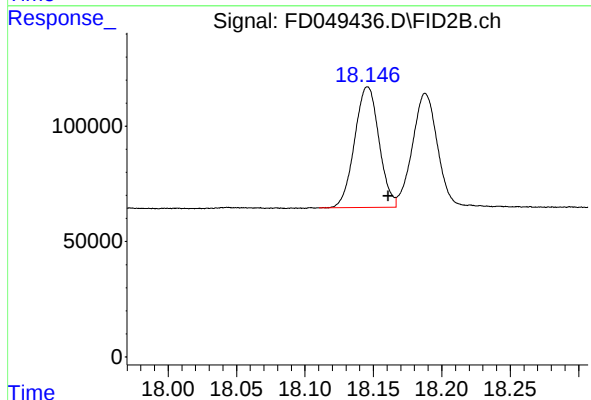
R.T.: 16.436 min
Delta R.T.: -0.014 min
Response: 694406
Conc: 4.84 ug/ml

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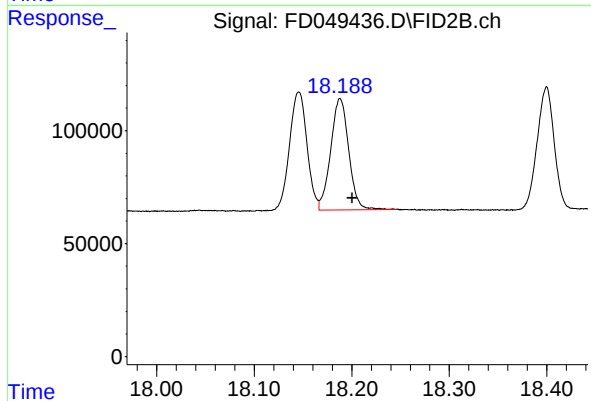
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.783 min
Delta R.T.: -0.013 min
Response: 665434
Conc: 4.90 ug/ml



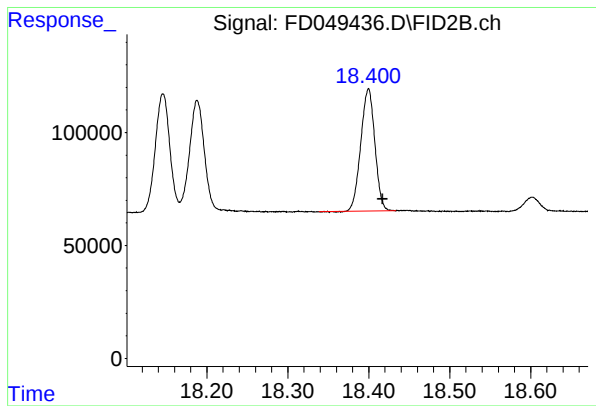
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: -0.015 min
Response: 650217
Conc: 5.09 ug/ml



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

R.T.: 18.188 min
Delta R.T.: -0.013 min
Response: 631613
Conc: 4.69 ug/ml



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

R.T.: 18.400 min
Delta R.T.: -0.018 min
Response: 656455
Conc: 4.87 ug/ml

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