

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049301.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 12:18
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 01 12:57:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:57:15 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...	7.740	1190668	9.881 ug/ml
Spiked Amount 50.000		Recovery =	19.76%
6) S 2-Fluorobiphenyl (SURR)	8.605	783470	9.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.36%
11) S ortho-Terphenyl (SURR)	11.648	1382865	9.883 ug/ml
Spiked Amount 50.000		Recovery =	19.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	1264609	10.000 ug/ml
2) T Naphthalene (C11.7)	6.076	1312485	9.765 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	1291726	9.833 ug/ml
5) T Acenaphthylene (C15.06)	8.408	1420542	9.921 ug/ml
7) T Acenaphthene (C15.5)	8.703	1376727	9.898 ug/ml
8) T Fluorene (C16.55)	9.484	1356227	9.773 ug/ml
9) T Phenanthrene (C19.36)	10.882	1340476	9.722 ug/ml
10) T Anthracene (C19.43)	10.956	1146629	9.380 ug/ml
12) T Fluoranthene (C21.85)	12.695	1317635	9.521 ug/ml
13) T Pyrene (C20.8)	12.993	1327591	9.571 ug/ml
14) T Benzo[a]anthracene (C...	14.864	1107794	9.368 ug/ml
15) T Chrysene (C27.41)	14.905	1139733	9.503 ug/ml
16) T benzo[b]fluoranthene ...	16.413	1225399	9.915 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	1207329	9.951 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	1162010	9.938 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	1102181	9.830 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	1061168	9.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	1225409	10.102 ug/ml

(f)=RT Delta > 1/2 Window

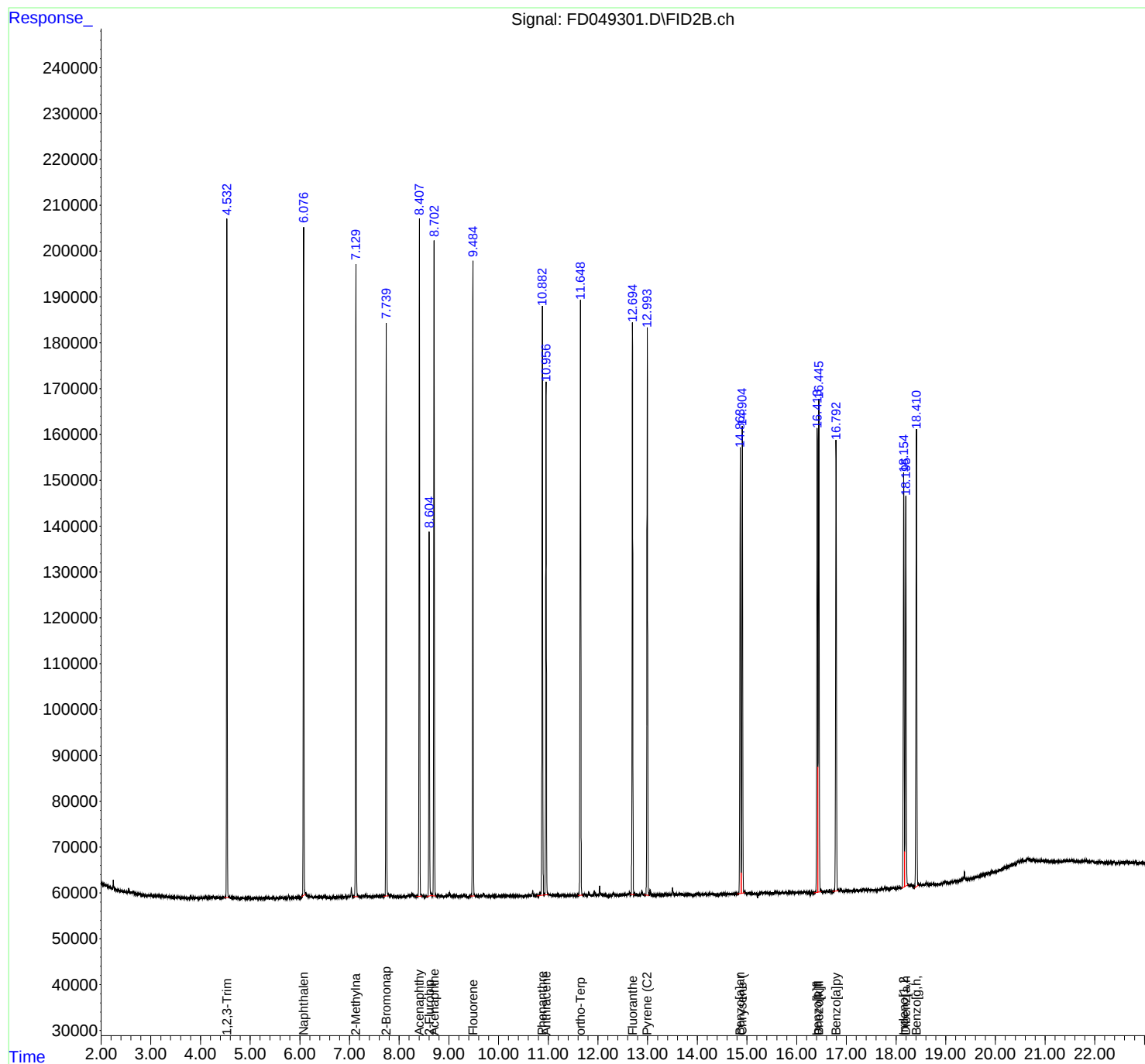
(m)=manual int.

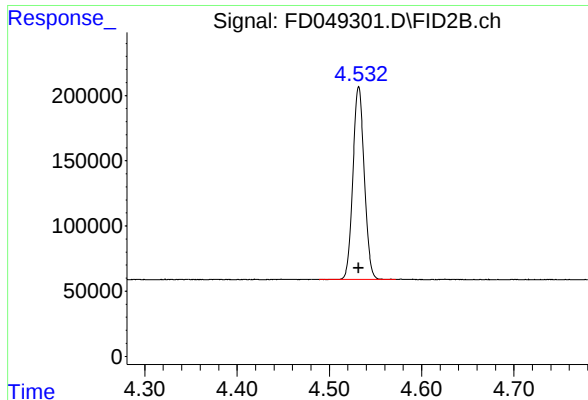
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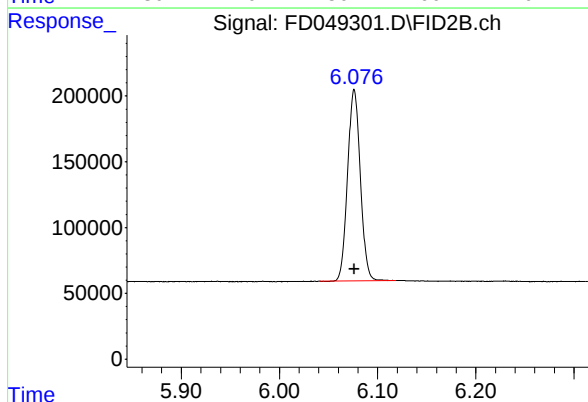




#1 1,2,3-Trimethylbenzene (C10.1)

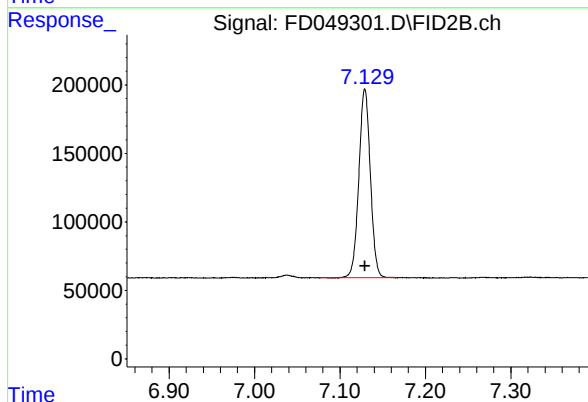
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 1264609
Conc: 10.00 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



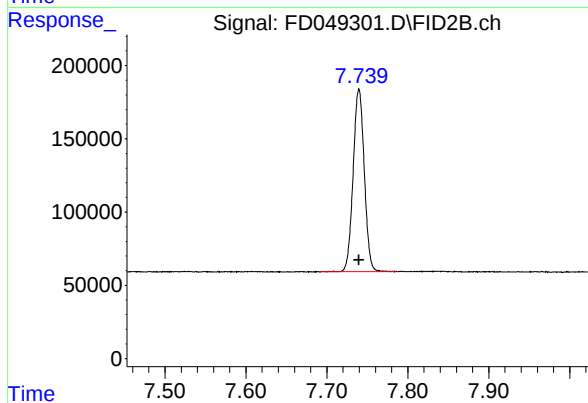
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1312485
Conc: 9.76 ug/ml



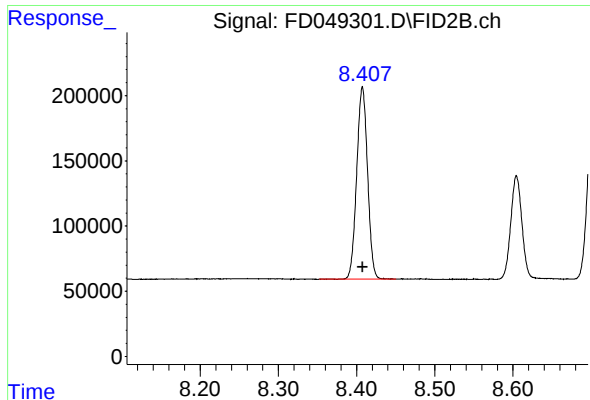
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 1291726
Conc: 9.83 ug/ml



#4 2-Bromonaphthalene (SURR)

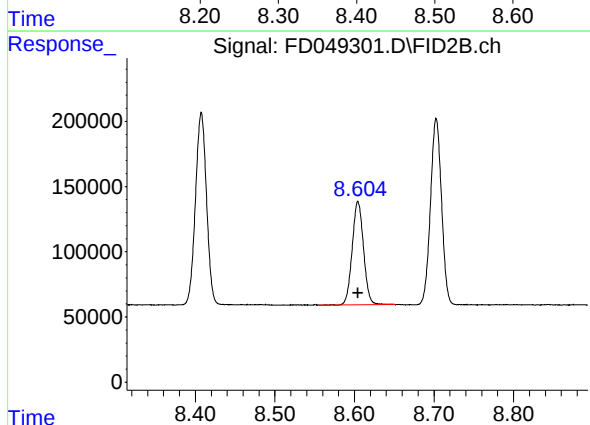
R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 1190668
Conc: 9.88 ug/ml



#5 Acenaphthylene (C15.06)

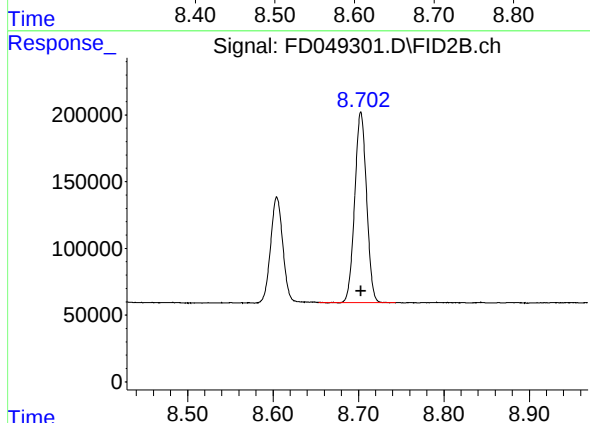
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1420542
Conc: 9.92 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



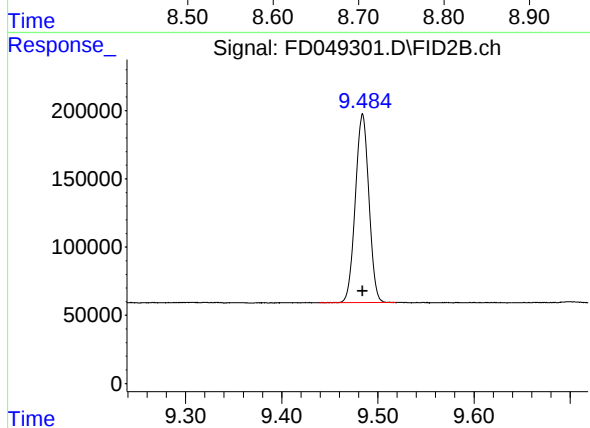
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 783470
Conc: 9.68 ug/ml



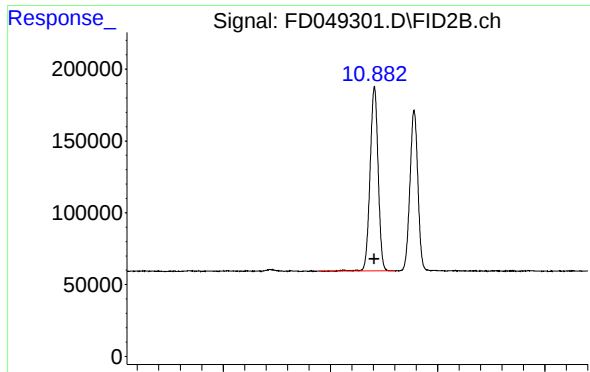
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 1376727
Conc: 9.90 ug/ml



#8 Flouorene (C16.55)

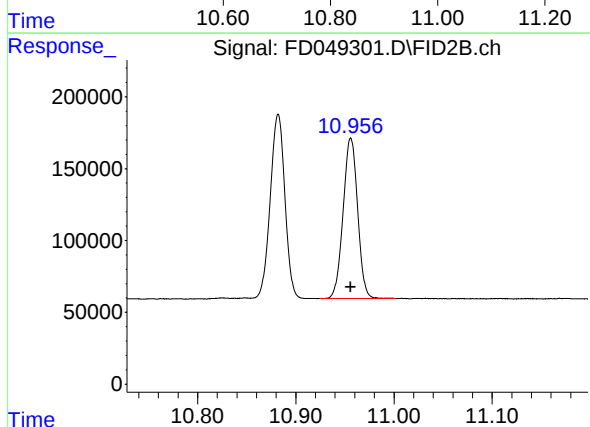
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 1356227
Conc: 9.77 ug/ml



#9 Phenanthrene (C19.36)

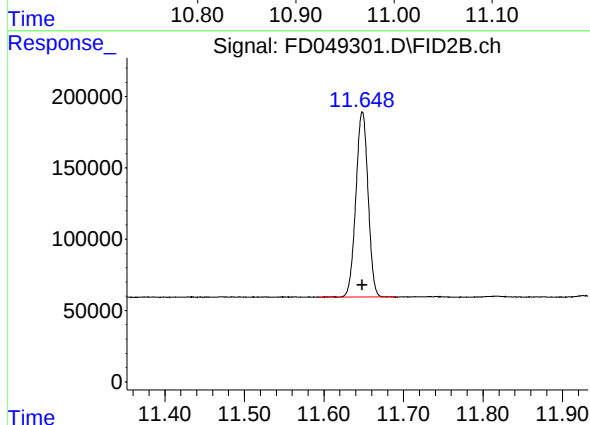
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 1340476
Conc: 9.72 ug/ml

Instrument :
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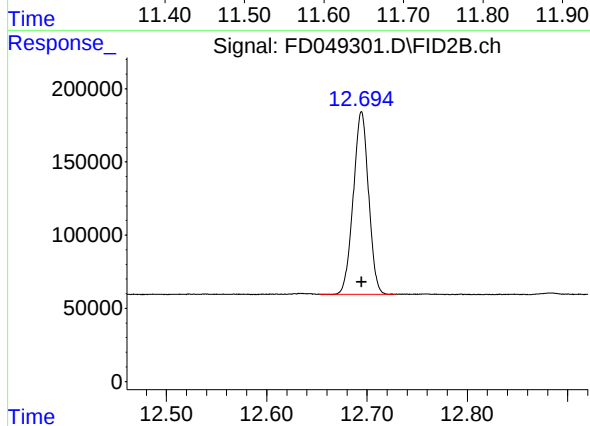
#10 Anthracene (C19.43)

R.T.: 10.956 min
Delta R.T.: 0.000 min
Response: 1146629
Conc: 9.38 ug/ml



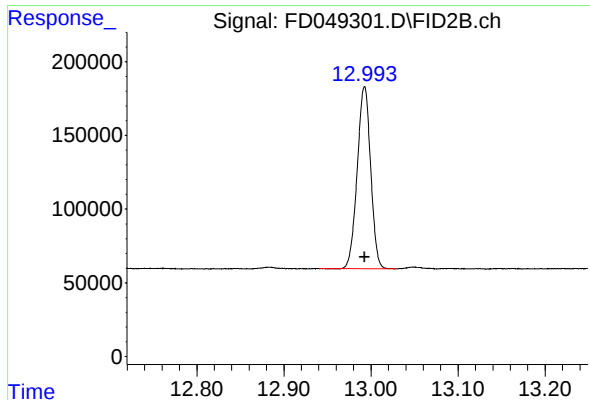
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 1382865
Conc: 9.88 ug/ml



#12 Fluoranthene (C21.85)

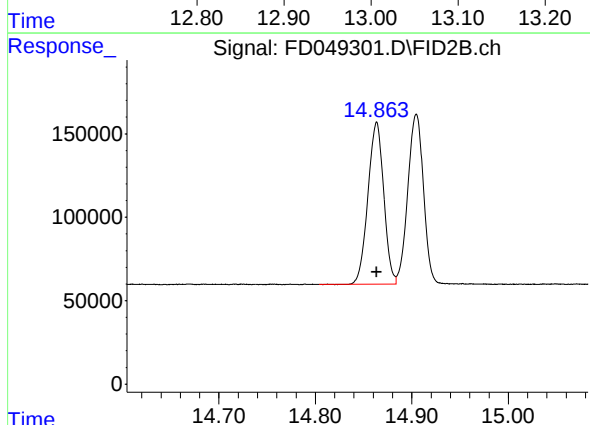
R.T.: 12.695 min
Delta R.T.: 0.000 min
Response: 1317635
Conc: 9.52 ug/ml



#13 Pyrene (C20.8)

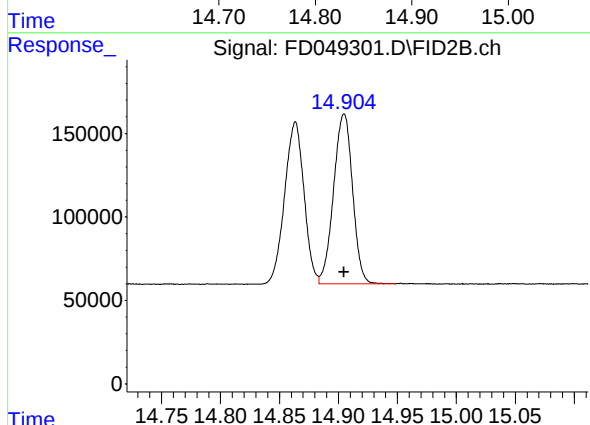
R.T.: 12.993 min
Delta R.T.: 0.000 min
Response: 1327591
Conc: 9.57 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



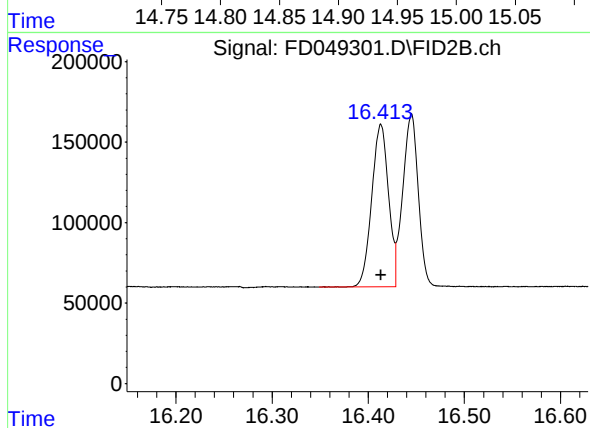
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.000 min
Response: 1107794
Conc: 9.37 ug/ml



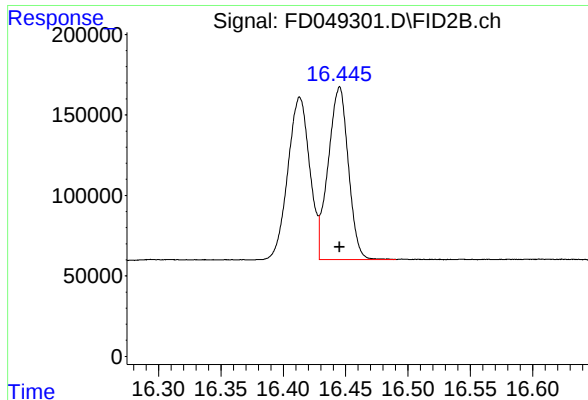
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 1139733
Conc: 9.50 ug/ml



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

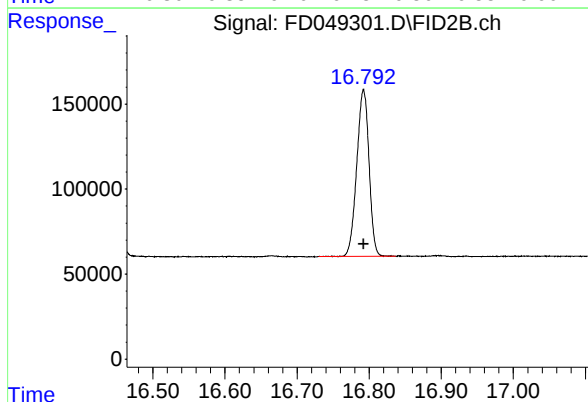
R.T.: 16.413 min
Delta R.T.: 0.000 min
Response: 1225399
Conc: 9.91 ug/ml



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

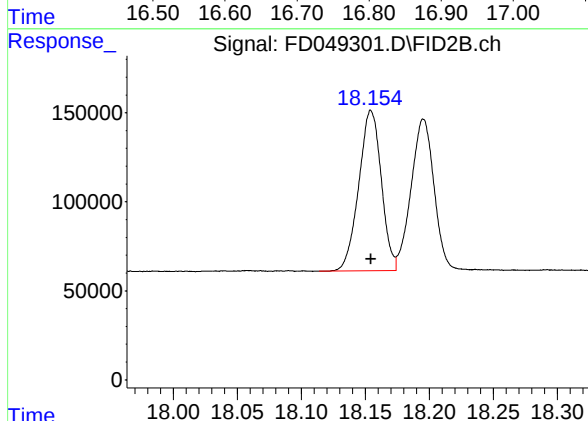
R.T.: 16.445 min
Delta R.T.: 0.000 min
Response: 1207329
Conc: 9.95 ug/ml

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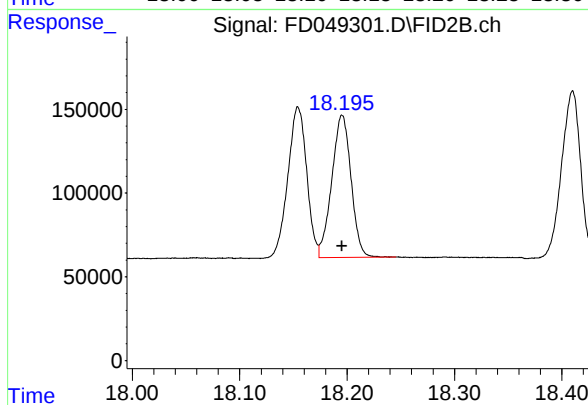
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 1162010
Conc: 9.94 ug/ml



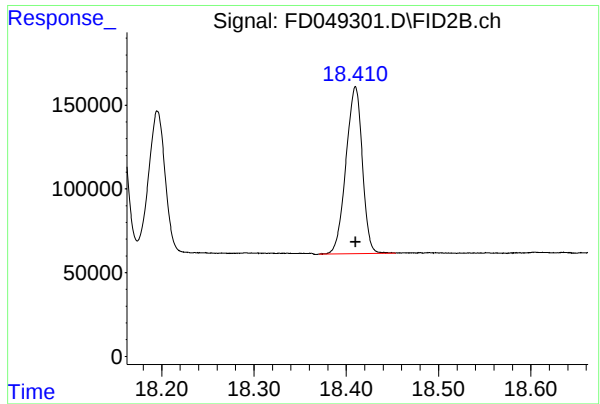
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.154 min
Delta R.T.: 0.000 min
Response: 1102181
Conc: 9.83 ug/ml



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

R.T.: 18.195 min
Delta R.T.: 0.000 min
Response: 1061168
Conc: 9.82 ug/ml



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

R.T.: 18.410 min
Delta R.T.: 0.000 min
Response: 1225409
Conc: 10.10 ug/ml

Instrument :
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