

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103025AR\
 Data File : FD049854.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 15:17
 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: Oct 30 16:26:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:26:23 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	1060219	9.828 ug/ml
Spiked Amount 50.000		Recovery =	19.66%
6) S 2-Fluorobiphenyl (SURR)	8.563	745629	9.729 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.46%
11) S ortho-Terphenyl (SURR)	11.609	1373444	10.003 ug/ml
Spiked Amount 50.000		Recovery =	20.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	1053066	9.916 ug/ml
2) T Naphthalene (C11.7)	6.035	1189562	9.836 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	1235704	9.816 ug/ml
5) T Acenaphthylene (C15.06)	8.366	1305256	9.868 ug/ml
7) T Acenaphthene (C15.5)	8.661	1303949	9.839 ug/ml
8) T Flouorene (C16.55)	9.443	1301556	9.817 ug/ml
9) T Phenanthrene (C19.36)	10.840	1323464	9.780 ug/ml
10) T Anthracene (C19.43)	10.915	1220176	9.810 ug/ml
12) T Fluoranthene (C21.85)	12.654	1317285	9.701 ug/ml
13) T Pyrene (C20.8)	12.951	1317486	9.726 ug/ml
14) T Benzo[a]anthracene (C...	14.822	1198578	9.736 ug/ml
15) T Chrysene (C27.41)	14.864	1260201	9.942 ug/ml
16) T benzo[b]fluoranthene ...	16.373	1236245	9.906 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	1180952	10.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	1205491	9.953 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.114	1098916	9.811 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	1321171	11.016 ug/ml
21) T Benzo[g,h,i]perylene ...	18.367	1234039	10.198 ug/ml

(f)=RT Delta > 1/2 Window

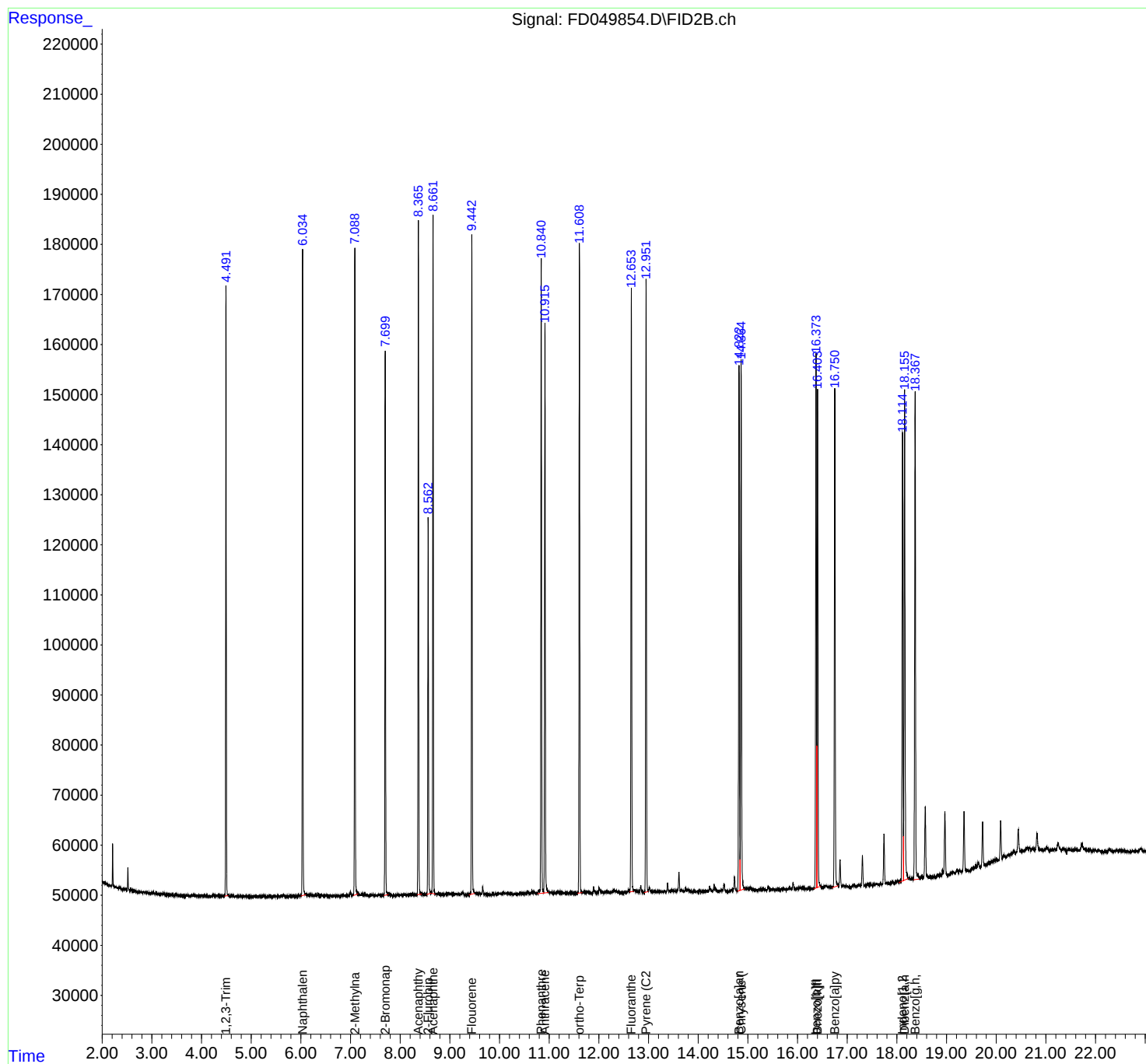
(m)=manual int.

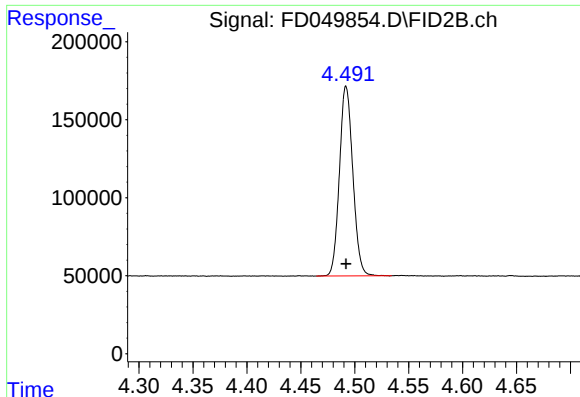
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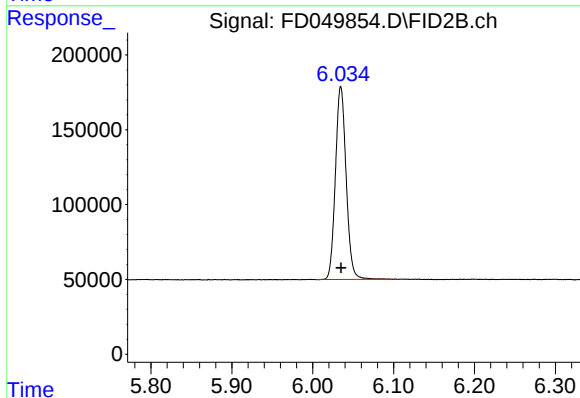




#1 1,2,3-Trimethylbenzene (C10.1)

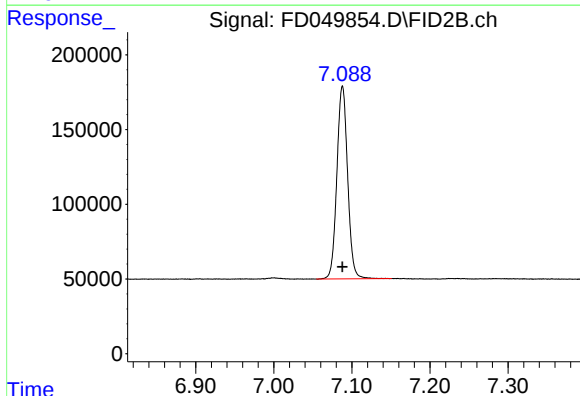
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 1053066
Conc: 9.92 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



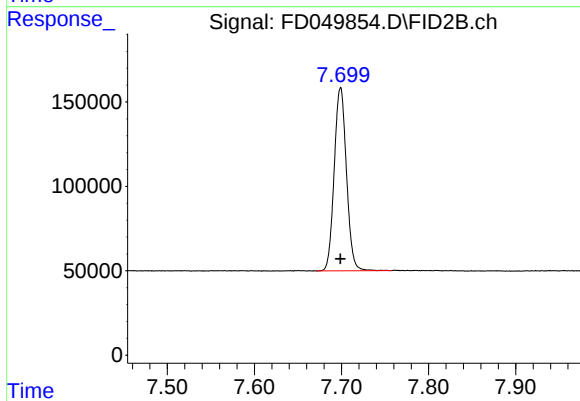
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 1189562
Conc: 9.84 ug/ml



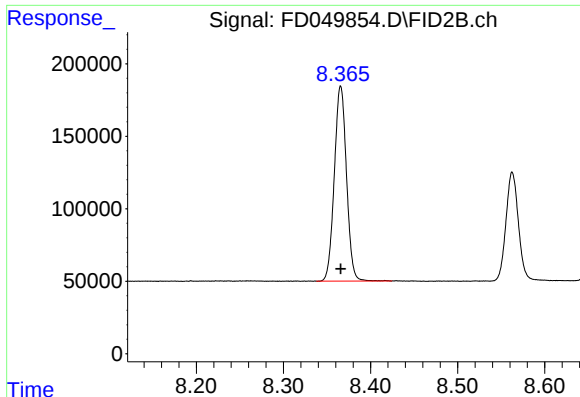
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 1235704
Conc: 9.82 ug/ml



#4 2-Bromonaphthalene (SURR)

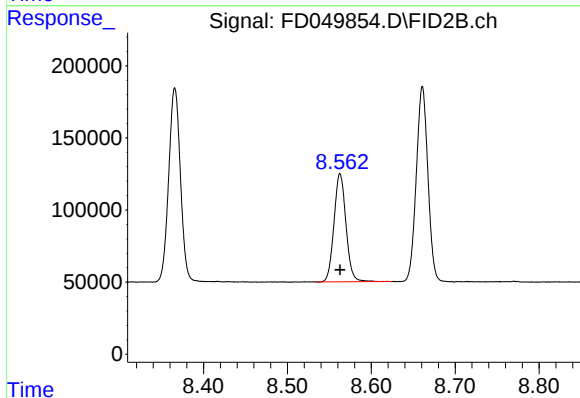
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 1060219
Conc: 9.83 ug/ml



#5 Acenaphthylene (C15.06)

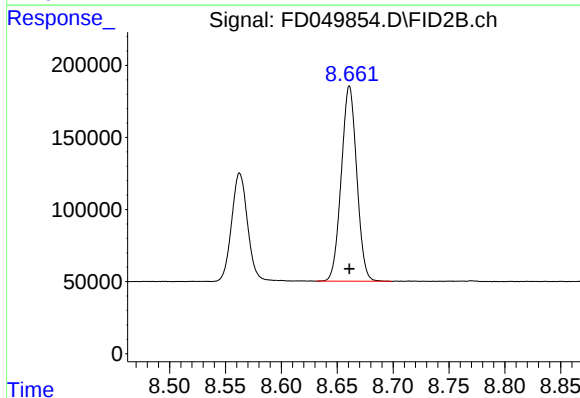
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 1305256
Conc: 9.87 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



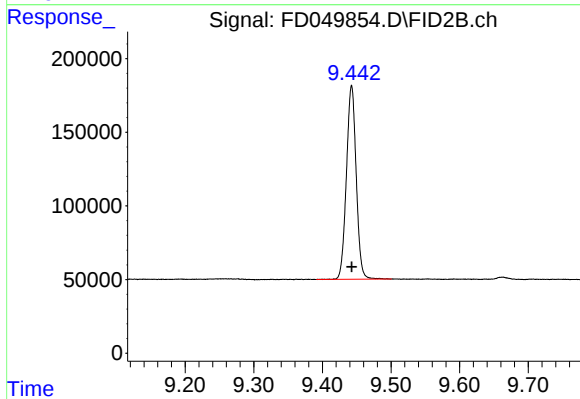
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 745629
Conc: 9.73 ug/ml



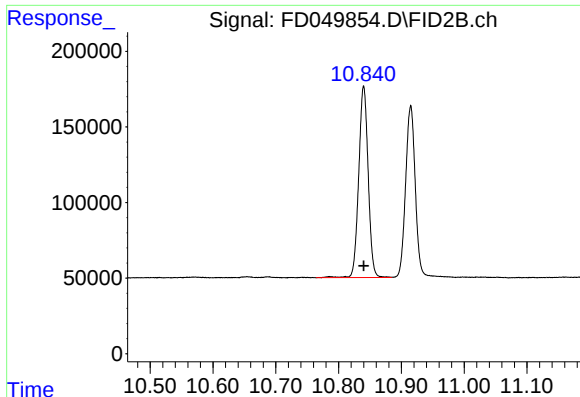
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 1303949
Conc: 9.84 ug/ml



#8 Flouorene (C16.55)

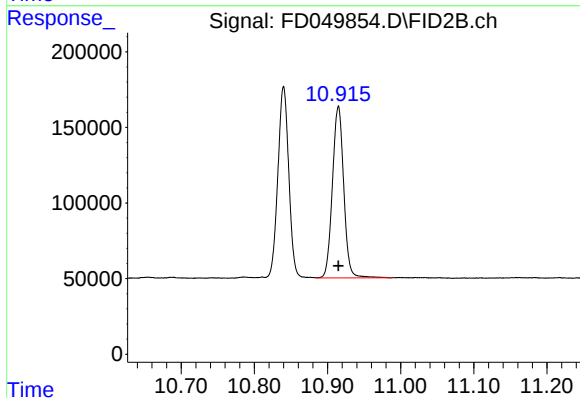
R.T.: 9.443 min
Delta R.T.: 0.000 min
Response: 1301556
Conc: 9.82 ug/ml



#9 Phenanthrene (C19.36)

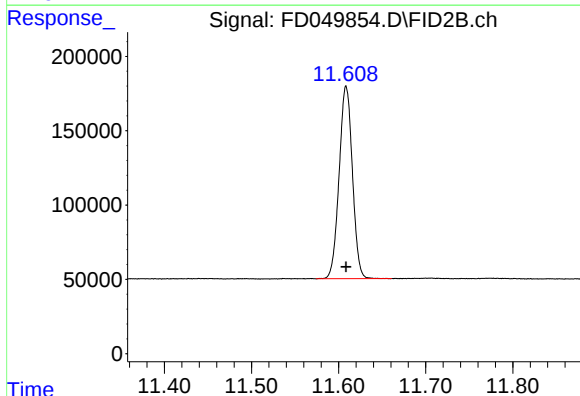
R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 1323464
Conc: 9.78 ug/ml

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10 PPM AROMATIC HC STD4



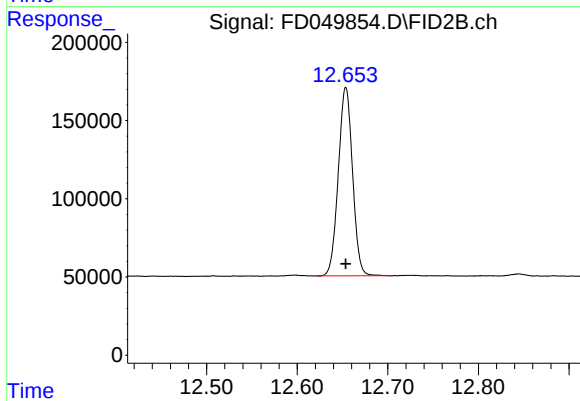
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: 0.000 min
Response: 1220176
Conc: 9.81 ug/ml



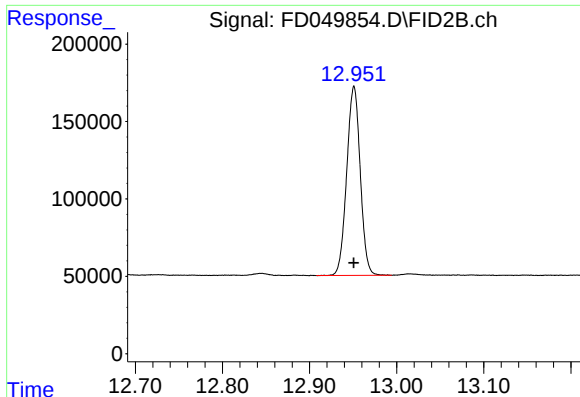
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 1373444
Conc: 10.00 ug/ml



#12 Fluoranthene (C21.85)

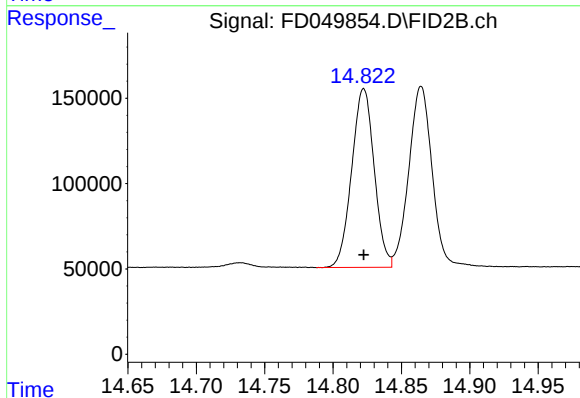
R.T.: 12.654 min
Delta R.T.: 0.000 min
Response: 1317285
Conc: 9.70 ug/ml



#13 Pyrene (C20.8)

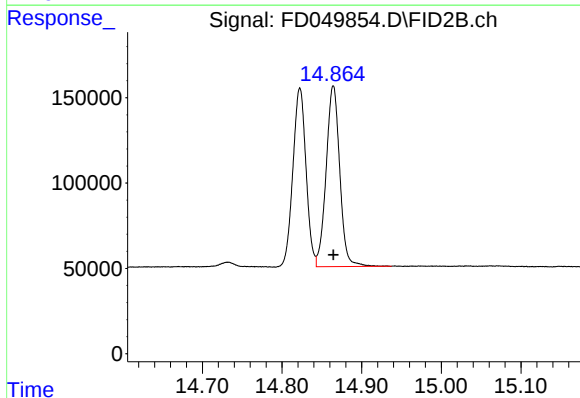
R.T.: 12.951 min
Delta R.T.: 0.000 min
Response: 1317486
Conc: 9.73 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



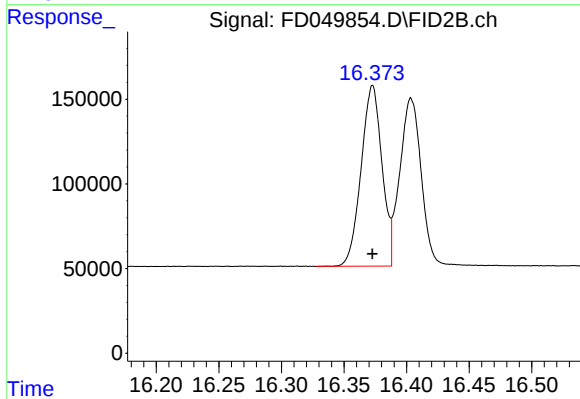
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 1198578
Conc: 9.74 ug/ml



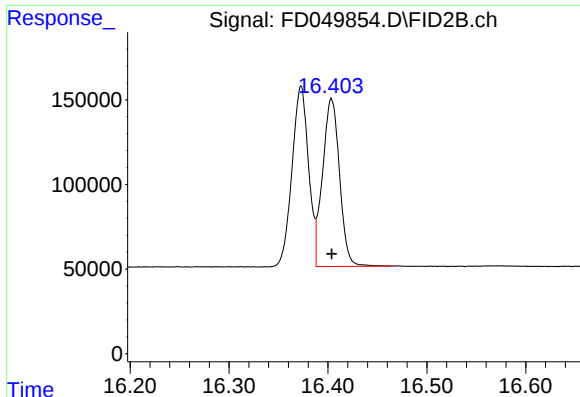
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: 0.000 min
Response: 1260201
Conc: 9.94 ug/ml



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

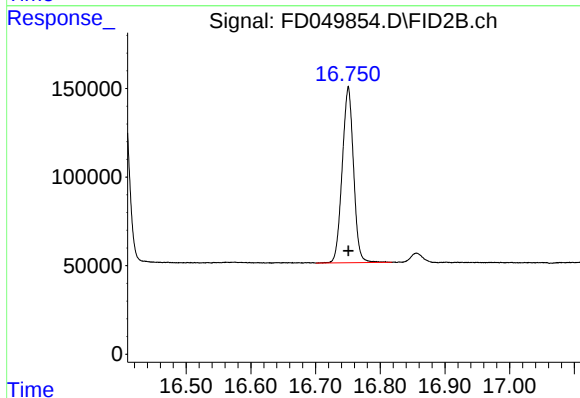
R.T.: 16.373 min
Delta R.T.: 0.000 min
Response: 1236245
Conc: 9.91 ug/ml



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

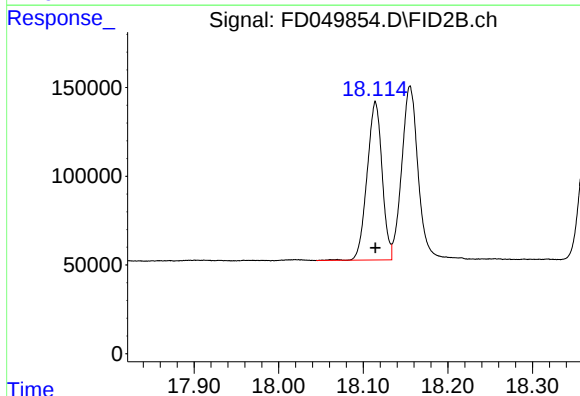
R.T.: 16.404 min
Delta R.T.: 0.000 min
Response: 1180952
Conc: 10.10 ug/ml

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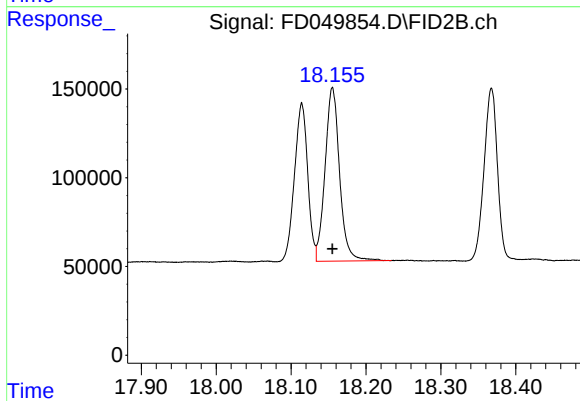
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: 0.000 min
Response: 1205491
Conc: 9.95 ug/ml



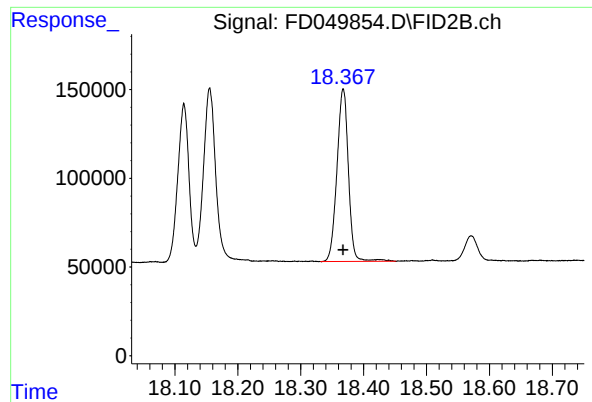
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.114 min
Delta R.T.: 0.000 min
Response: 1098916
Conc: 9.81 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 1321171
Conc: 11.02 ug/ml



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

R.T.: 18.367 min
Delta R.T.: 0.000 min
Response: 1234039
Conc: 10.20 ug/ml

Instrument :
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