

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103025AR\
 Data File : FD049855.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 16:00
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 16:28:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 16:28:02 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	617229	5.561 ug/ml
Spiked Amount 50.000		Recovery =	11.12%
6) S 2-Fluorobiphenyl (SURR)	8.564	425781	5.435 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.87%
11) S ortho-Terphenyl (SURR)	11.608	793439	5.604 ug/ml
Spiked Amount 50.000		Recovery =	11.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	619778	5.647 ug/ml
2) T Naphthalene (C11.7)	6.035	687686	5.534 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	716213	5.537 ug/ml
5) T Acenaphthylene (C15.06)	8.366	759148	5.575 ug/ml
7) T Acenaphthene (C15.5)	8.661	757282	5.555 ug/ml
8) T Flouorene (C16.55)	9.442	747714	5.499 ug/ml
9) T Phenanthrene (C19.36)	10.840	750474	5.427 ug/ml
10) T Anthracene (C19.43)	10.915	700763	5.495 ug/ml
12) T Fluoranthene (C21.85)	12.653	760981	5.472 ug/ml
13) T Pyrene (C20.8)	12.950	758896	5.470 ug/ml
14) T Benzo[a]anthracene (C...	14.821	698844	5.527 ug/ml
15) T Chrysene (C27.41)	14.863	744883	5.677 ug/ml
16) T benzo[b]fluoranthene ...	16.371	724263	5.623 ug/ml
17) T Bnezo[k]fluoranthene ...	16.402	705629	5.797 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	708444	5.657 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	636892	5.534 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	838498	6.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	724669	5.761 ug/ml

(f)=RT Delta > 1/2 Window

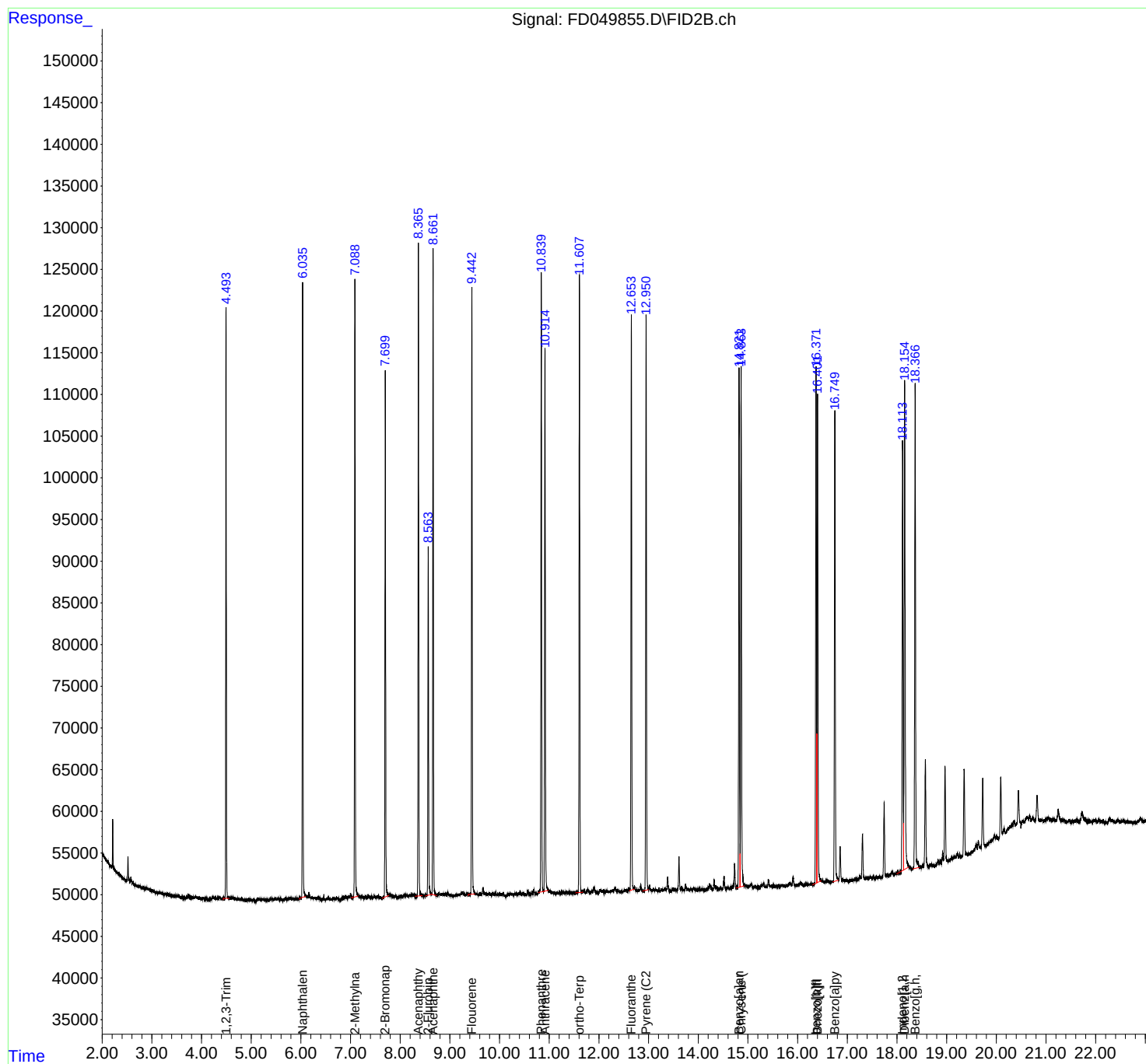
(m)=manual int.

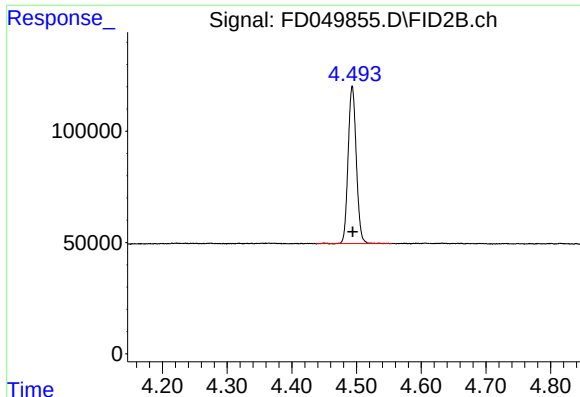
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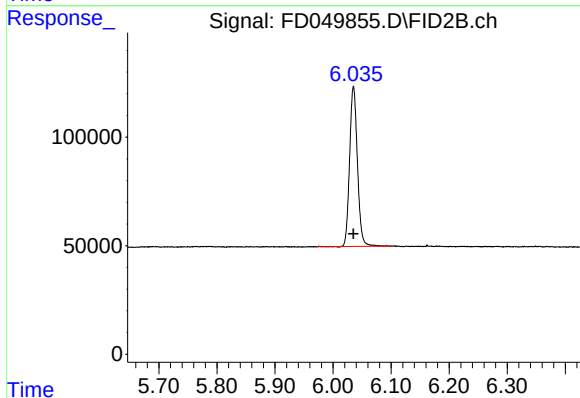




#1 1,2,3-Trimethylbenzene (C10.1)

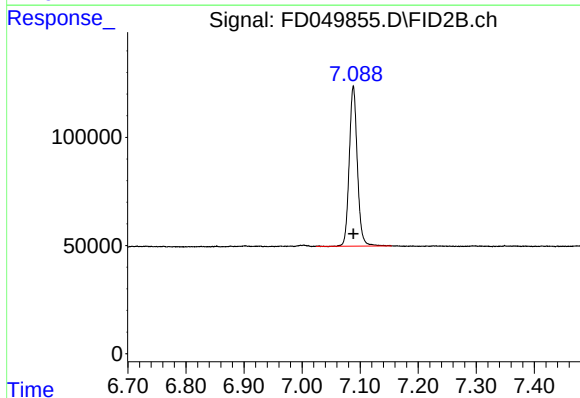
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 619778
Conc: 5.65 ug/ml

Instrument :
FID_D
ClientSampleId :



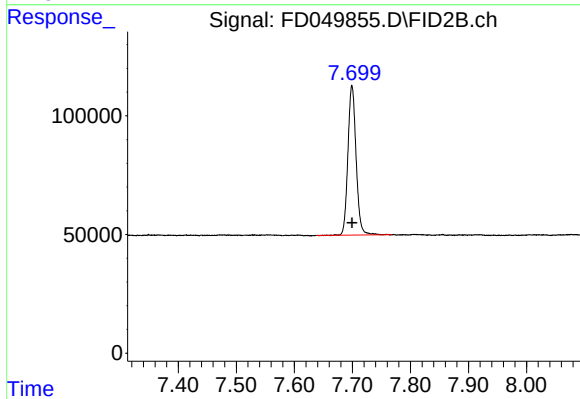
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 687686
Conc: 5.53 ug/ml



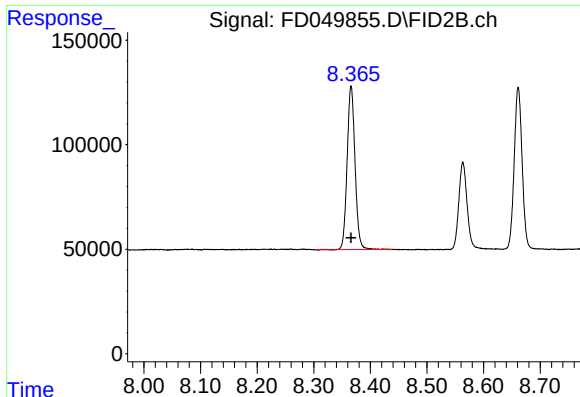
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 716213
Conc: 5.54 ug/ml



#4 2-Bromonaphthalene (SURR)

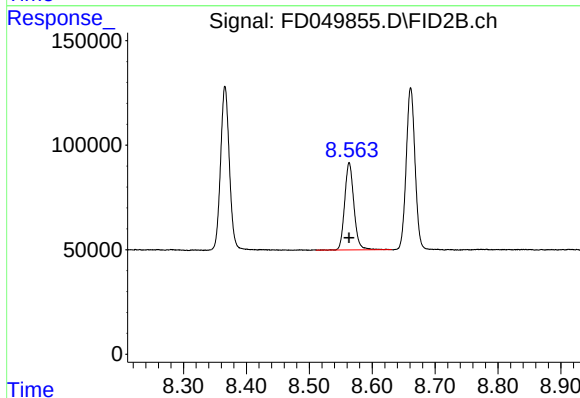
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 617229
Conc: 5.56 ug/ml



#5 Acenaphthylene (C15.06)

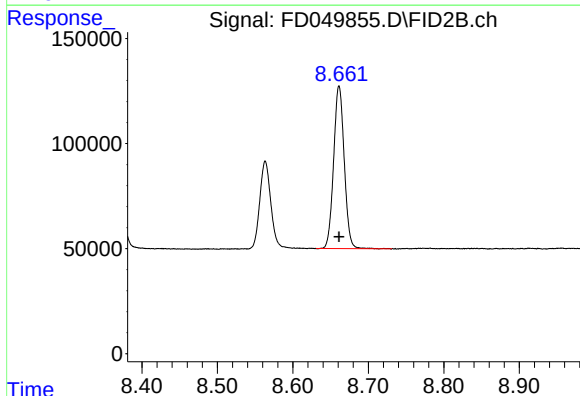
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 759148
Conc: 5.57 ug/ml

Instrument :
FID_D
ClientSampleId :



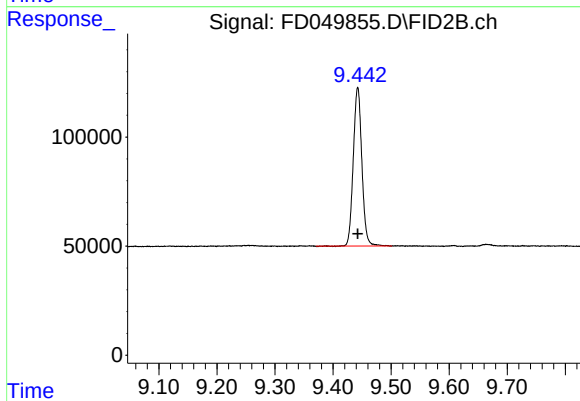
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 425781
Conc: 5.44 ug/ml



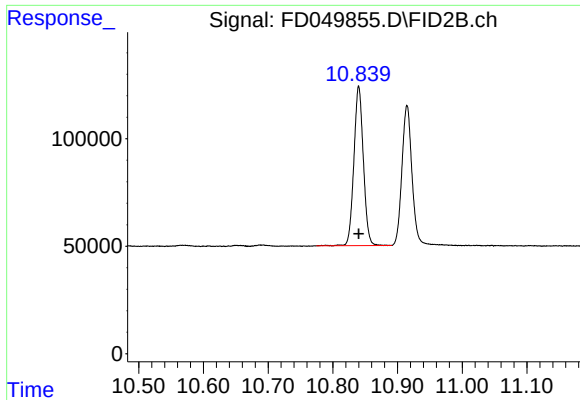
#7 Acenaphthene (C15.5)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 757282
Conc: 5.56 ug/ml



#8 Flouorene (C16.55)

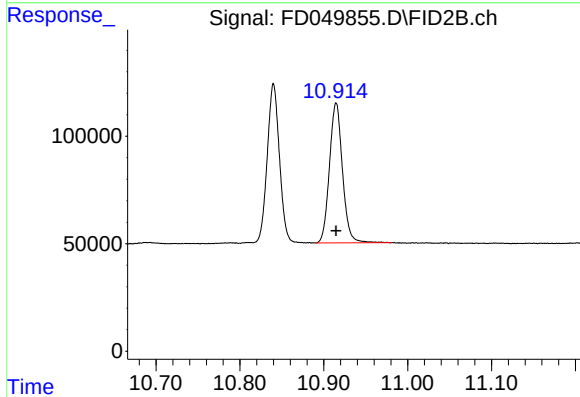
R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 747714
Conc: 5.50 ug/ml



#9 Phenanthrene (C19.36)

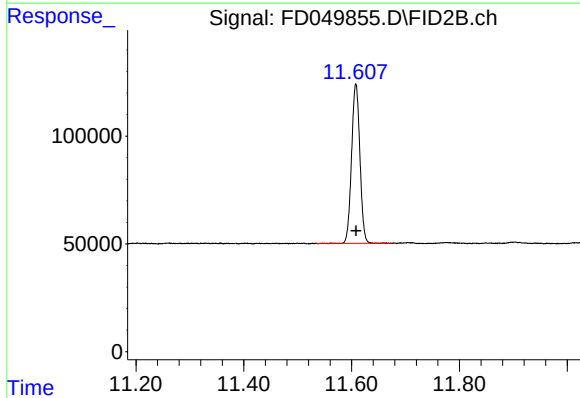
R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 750474
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :



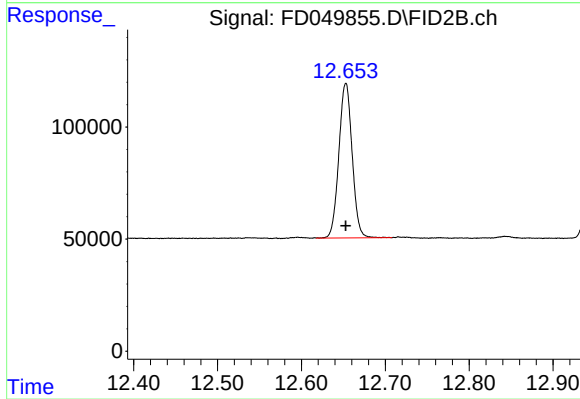
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: 0.000 min
Response: 700763
Conc: 5.49 ug/ml



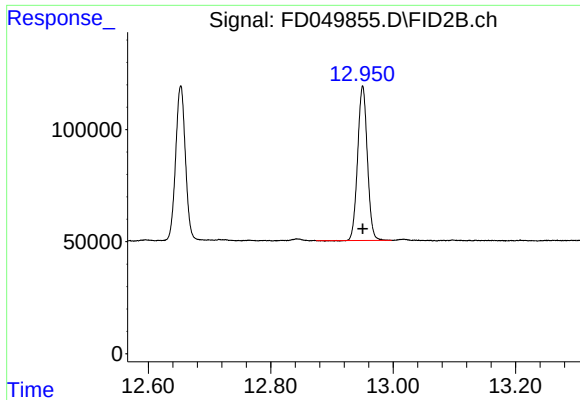
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: 0.000 min
Response: 793439
Conc: 5.60 ug/ml



#12 Fluoranthene (C21.85)

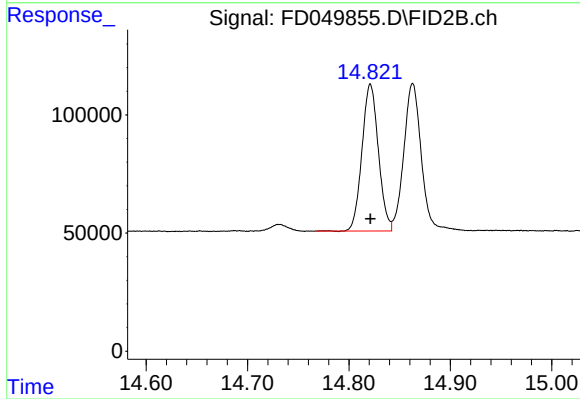
R.T.: 12.653 min
Delta R.T.: 0.000 min
Response: 760981
Conc: 5.47 ug/ml



#13 Pyrene (C20.8)

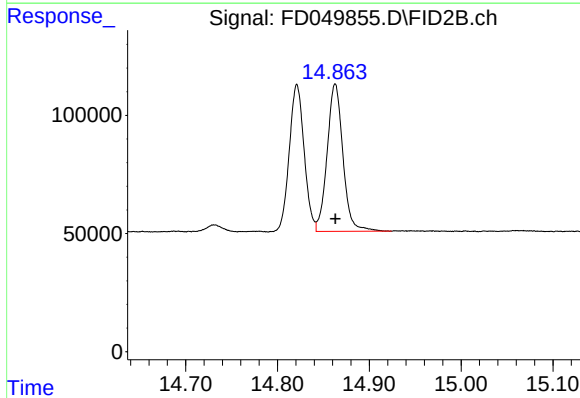
R.T.: 12.950 min
Delta R.T.: 0.000 min
Response: 758896
Conc: 5.47 ug/ml

Instrument :
FID_D
ClientSampleId :



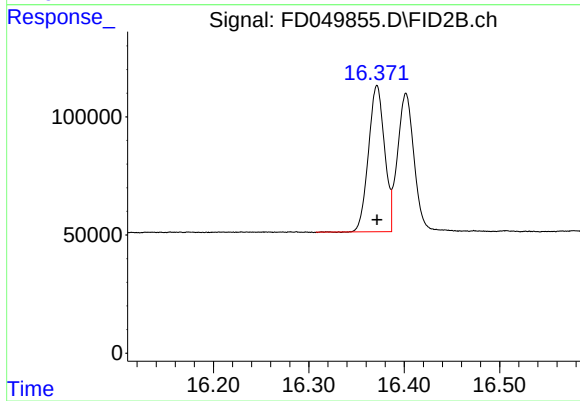
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: 0.000 min
Response: 698844
Conc: 5.53 ug/ml



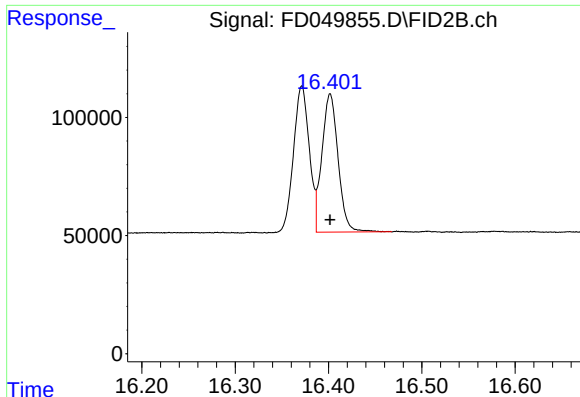
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: 0.000 min
Response: 744883
Conc: 5.68 ug/ml



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

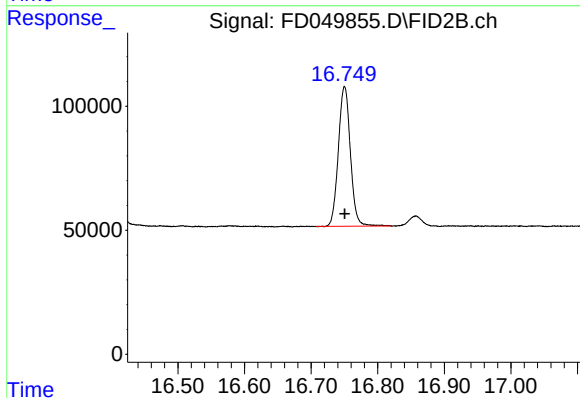
R.T.: 16.371 min
Delta R.T.: 0.000 min
Response: 724263
Conc: 5.62 ug/ml



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

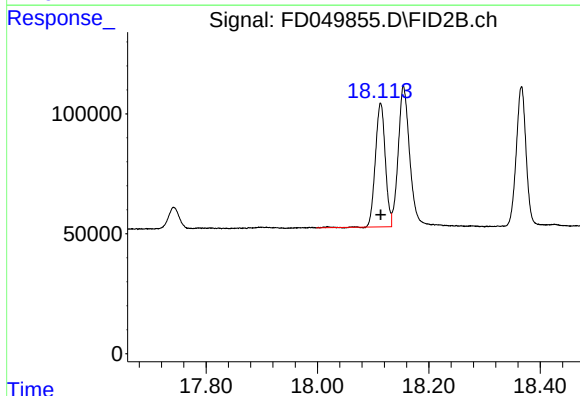
R.T.: 16.402 min
Delta R.T.: 0.000 min
Response: 705629
Conc: 5.80 ug/ml

Instrument :
FID_D
ClientSampleId :



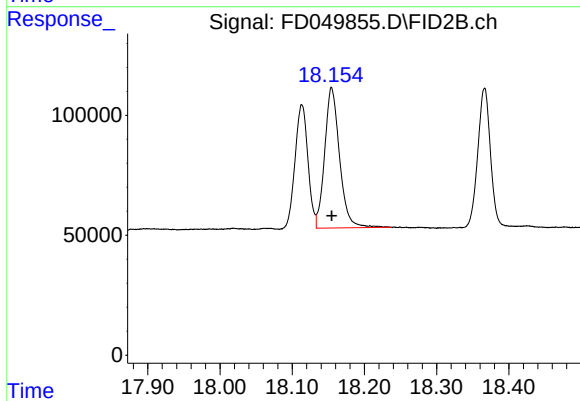
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: 0.000 min
Response: 708444
Conc: 5.66 ug/ml



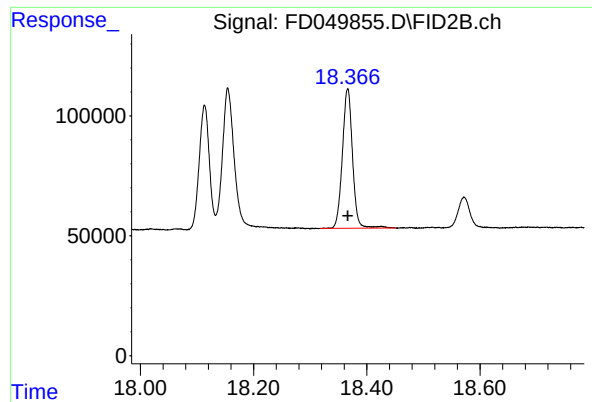
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 636892
Conc: 5.53 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 838498
Conc: 6.48 ug/ml



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

R.T.: 18.366 min
Delta R.T.: 0.000 min
Response: 724669
Conc: 5.76 ug/ml

Instrument :

FID_D

ClientSampleId :