

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081125AR\
 Data File : FD049610.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2025 14:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 11 14:41:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.714	1993626	19.452 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
6) S 2-Fluorobiphenyl (SURR)	8.579	1416425	19.391 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.78%
11) S ortho-Terphenyl (SURR)	11.624	2524095	19.447 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	1969226	19.455 ug/ml
2) T Naphthalene (C11.7)	6.050	2224882	19.404 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2316479	19.418 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2441662	19.423 ug/ml
7) T Acenaphthene (C15.5)	8.678	2442527	19.426 ug/ml
8) T Flouorene (C16.55)	9.459	2466026	19.477 ug/ml
9) T Phenanthrene (C19.36)	10.858	2532616	19.606 ug/ml
10) T Anthracene (C19.43)	10.932	2405056	19.523 ug/ml
12) T Fluoranthene (C21.85)	12.671	2533895	19.793 ug/ml
13) T Pyrene (C20.8)	12.969	2519170	19.841 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2306029	19.984 ug/ml
15) T Chrysene (C27.41)	14.883	2341897	20.002 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2277743	20.027 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2148998	20.075 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2225633	20.062 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2048513	19.873 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2182504	20.023 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2213783	20.259 ug/ml

(f)=RT Delta > 1/2 Window

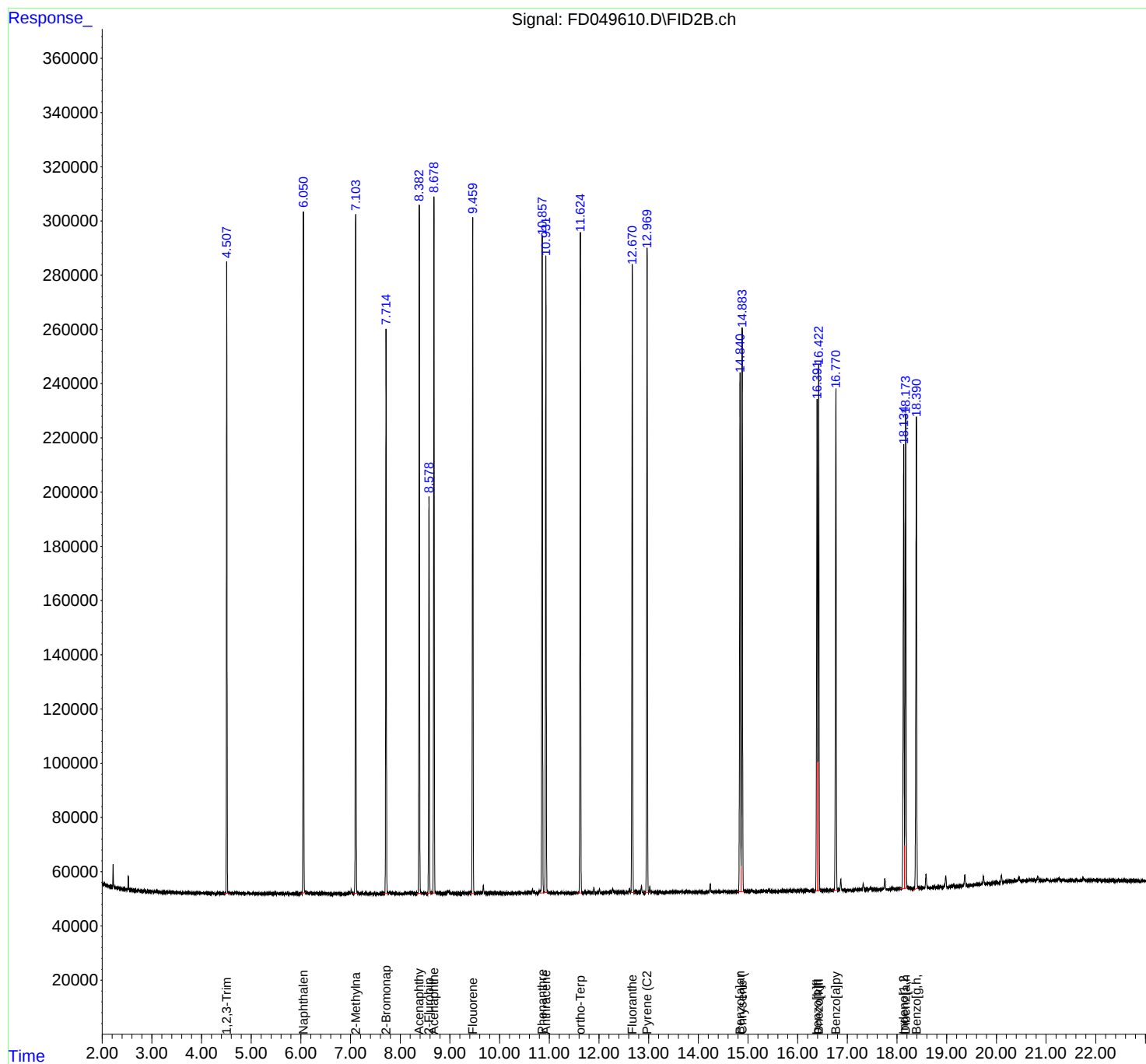
(m)=manual int.

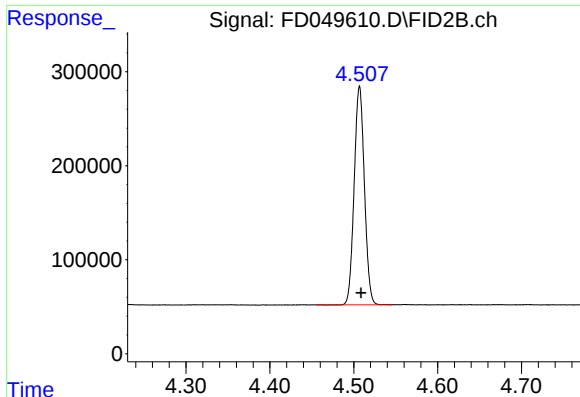
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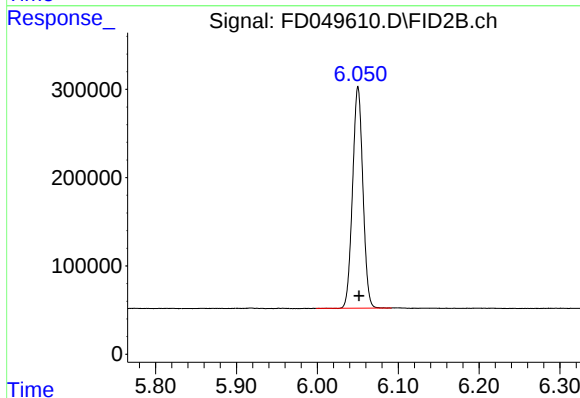




#1 1,2,3-Trimethylbenzene (C10.1)

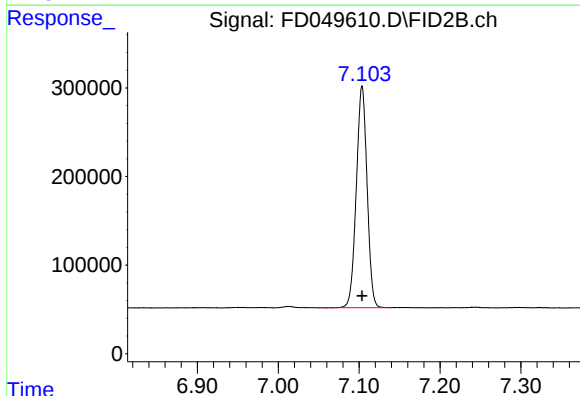
R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 1969226
Conc: 19.45 ug/ml

Instrument :
FID_D
ClientSampleId :



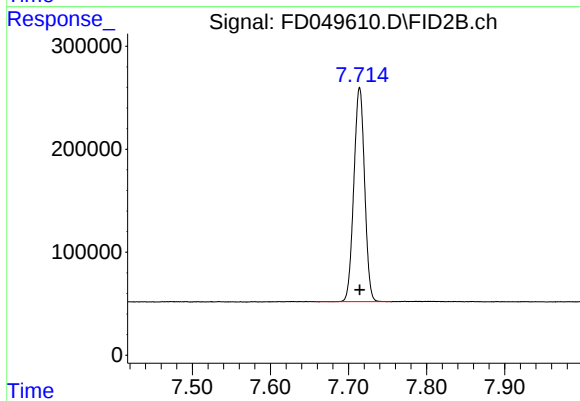
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 2224882
Conc: 19.40 ug/ml



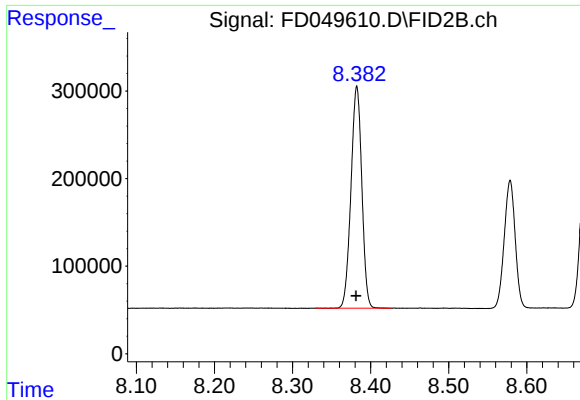
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 2316479
Conc: 19.42 ug/ml



#4 2-Bromonaphthalene (SURR)

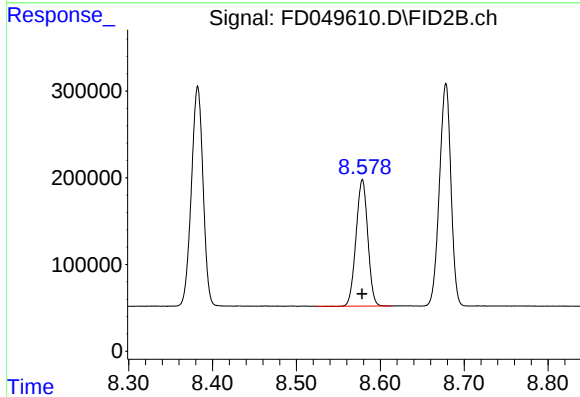
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 1993626
Conc: 19.45 ug/ml



#5 Acenaphthylene (C15.06)

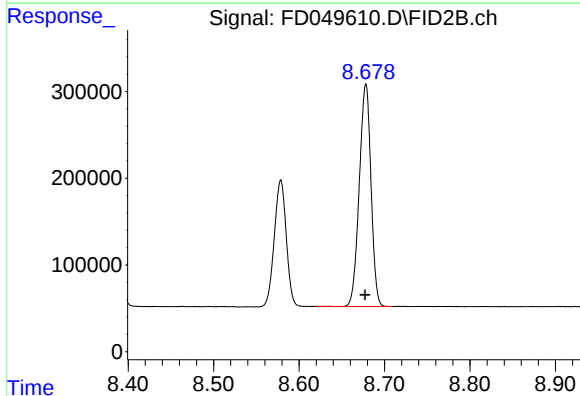
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2441662
Conc: 19.42 ug/ml

Instrument :
FID_D
ClientSampleId :



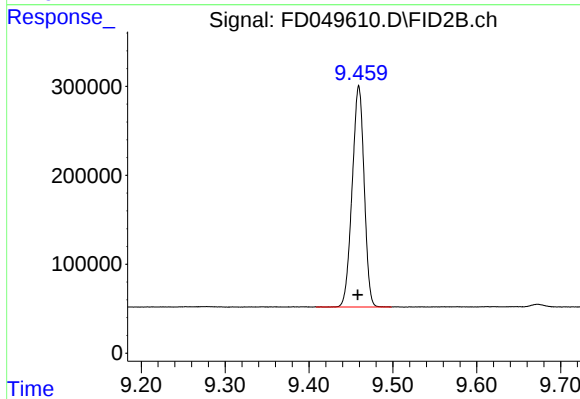
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1416425
Conc: 19.39 ug/ml



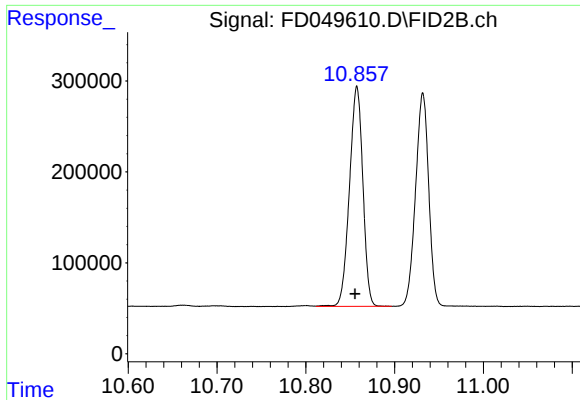
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 2442527
Conc: 19.43 ug/ml



#8 Fluorene (C16.55)

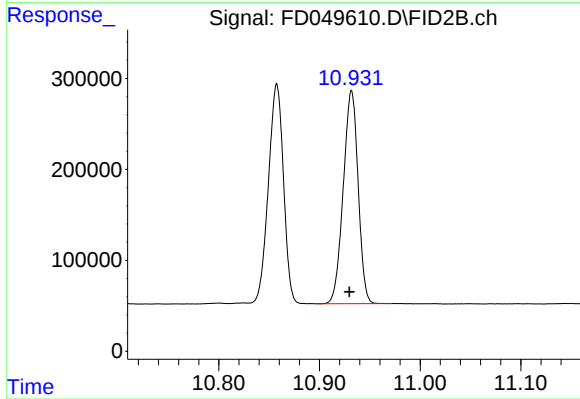
R.T.: 9.459 min
Delta R.T.: 0.001 min
Response: 2466026
Conc: 19.48 ug/ml



#9 Phenanthrene (C19.36)

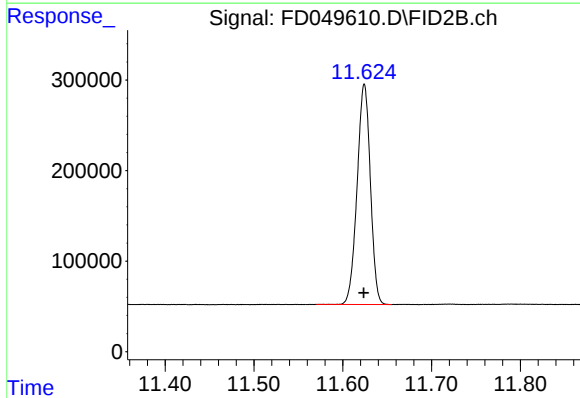
R.T.: 10.858 min
Delta R.T.: 0.002 min
Response: 2532616
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :



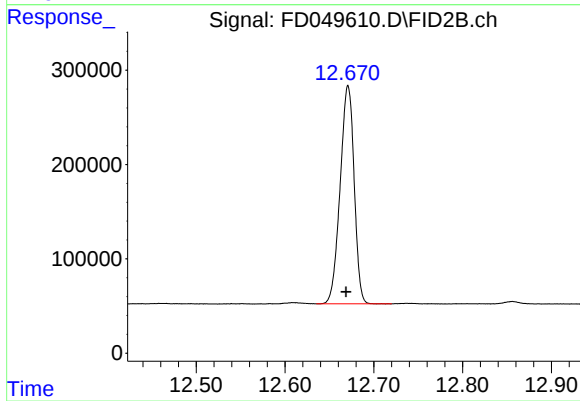
#10 Anthracene (C19.43)

R.T.: 10.932 min
Delta R.T.: 0.002 min
Response: 2405056
Conc: 19.52 ug/ml



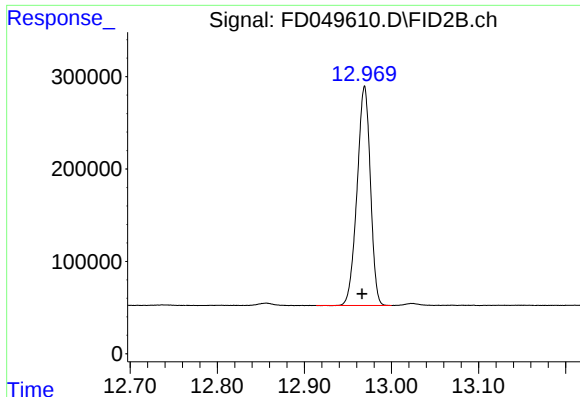
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2524095
Conc: 19.45 ug/ml



#12 Fluoranthene (C21.85)

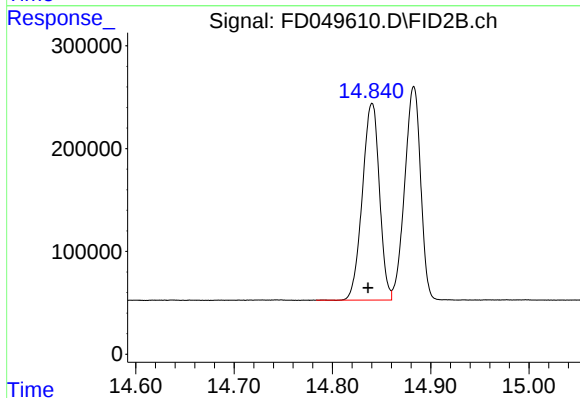
R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2533895
Conc: 19.79 ug/ml



#13 Pyrene (C20.8)

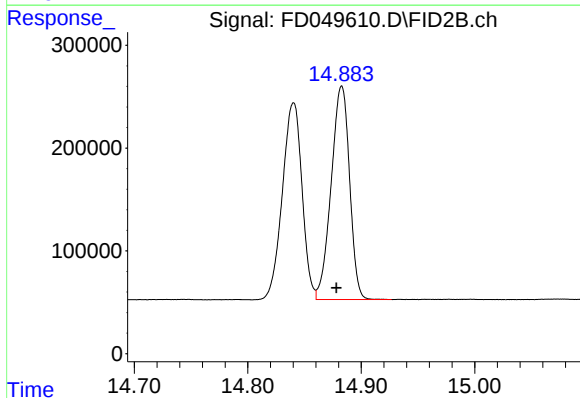
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2519170
Conc: 19.84 ug/ml

Instrument :
FID_D
ClientSampleId :



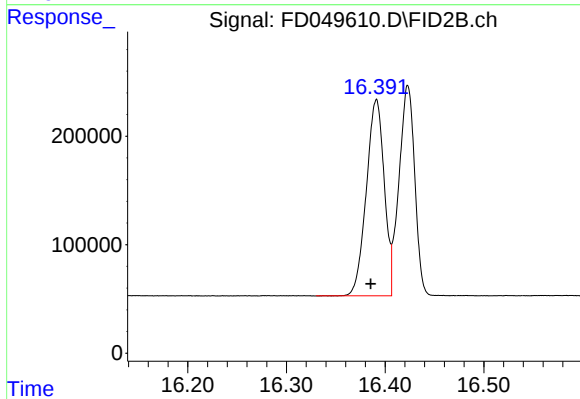
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 2306029
Conc: 19.98 ug/ml



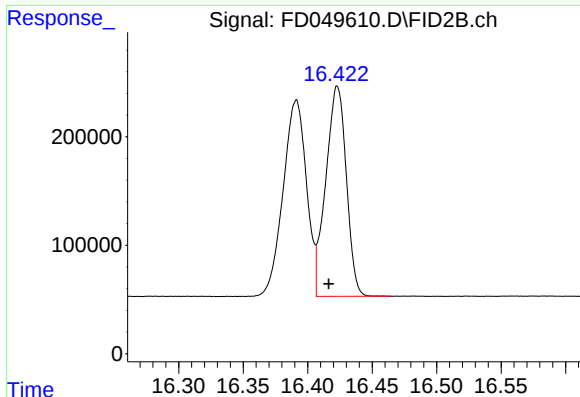
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2341897
Conc: 20.00 ug/ml



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

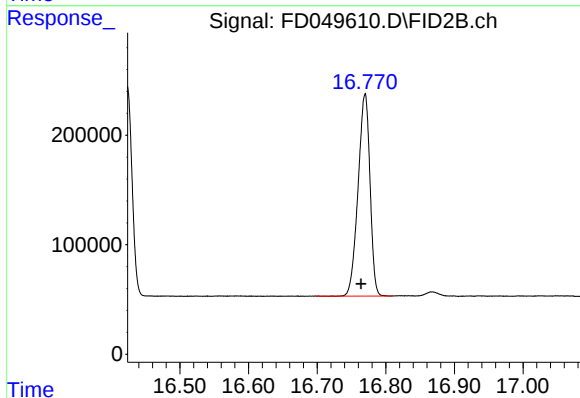
R.T.: 16.391 min
Delta R.T.: 0.006 min
Response: 2277743
Conc: 20.03 ug/ml



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

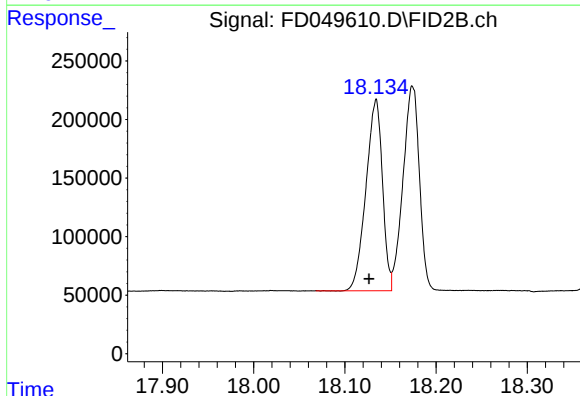
R.T.: 16.423 min
Delta R.T.: 0.007 min
Response: 2148998
Conc: 20.08 ug/ml

Instrument :
FID_D
ClientSampleId :



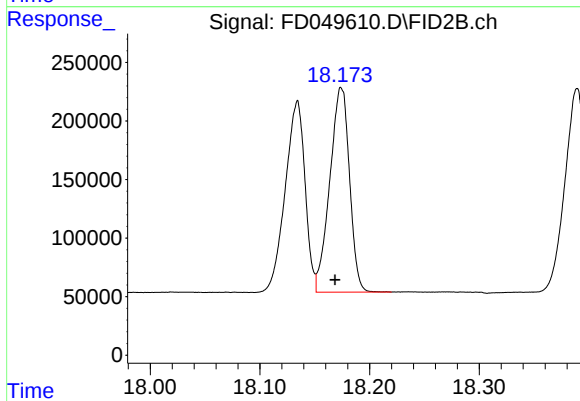
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 2225633
Conc: 20.06 ug/ml



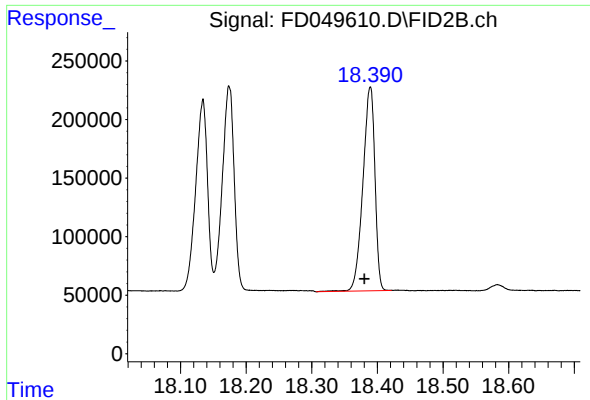
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.008 min
Response: 2048513
Conc: 19.87 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.006 min
Response: 2182504
Conc: 20.02 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2213783
Conc: 20.26 ug/ml

Instrument :
FID_D
ClientSampleId :