

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049212.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 15:55
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 02 18:56:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 02 18:53:34 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...	7.753	11220827	97.738 ug/ml
Spiked Amount 50.000		Recovery =	195.48%
6) S 2-Fluorobiphenyl (SURR)	8.621	8067475	99.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.41%#
11) S ortho-Terphenyl (SURR)	11.664	13951534	97.015 ug/ml
Spiked Amount 50.000		Recovery =	194.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.543	10388896	96.851 ug/ml
2) T Naphthalene (C11.7)	6.090	11963882	98.089 ug/ml
3) T 2-Methylnaphthalene (...)	7.145	12093750	99.030 ug/ml
5) T Acenaphthylene (C15.06)	8.426	13435483	97.606 ug/ml
7) T Acenaphthene (C15.5)	8.722	13120872	98.532 ug/ml
8) T Fluorene (C16.55)	9.503	13356107	99.874 ug/ml
9) T Phenanthrene (C19.36)	10.903	13950641	99.053 ug/ml
10) T Anthracene (C19.43)	10.979	12909133	102.337 ug/ml
12) T Fluoranthene (C21.85)	12.718	14312021	97.979 ug/ml
13) T Pyrene (C20.8)	13.017	14362166	97.700 ug/ml
14) T Benzo[a]anthracene (C...	14.885	12300574	104.152 ug/ml
15) T Chrysene (C27.41)	14.933	12452383	101.969 ug/ml
16) T benzo[b]fluoranthene ...	16.437	12160698	99.656 ug/ml
17) T Bnezo[k]fluoranthene ...	16.476	11761761	101.291 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	11132876	100.696 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.183	10259510	102.600 ug/ml
20) T Dibenz[a,h]anthracene...	18.221	9173627	106.724 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	10817790	98.356 ug/ml

(f)=RT Delta > 1/2 Window

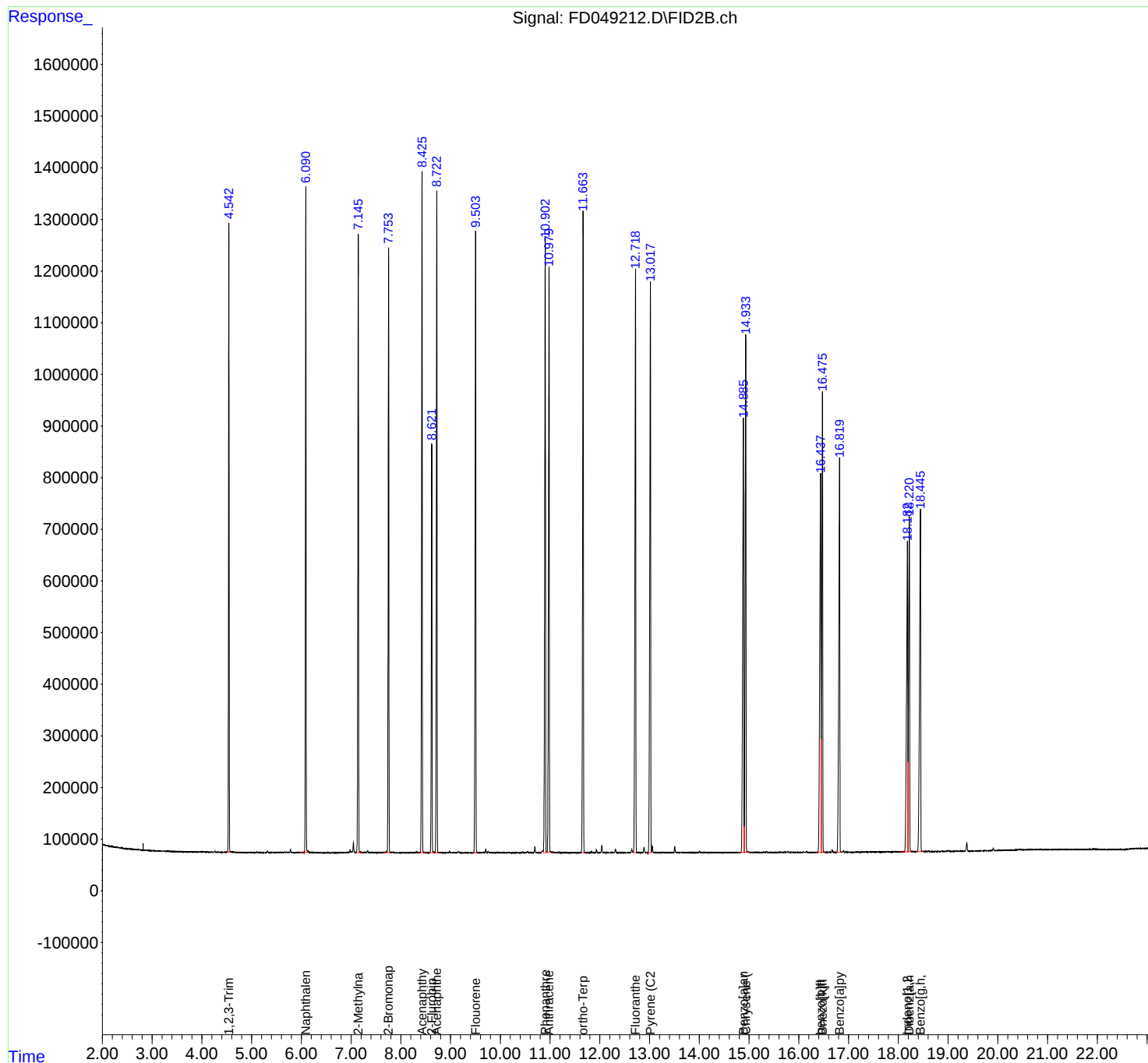
(m)=manual int.

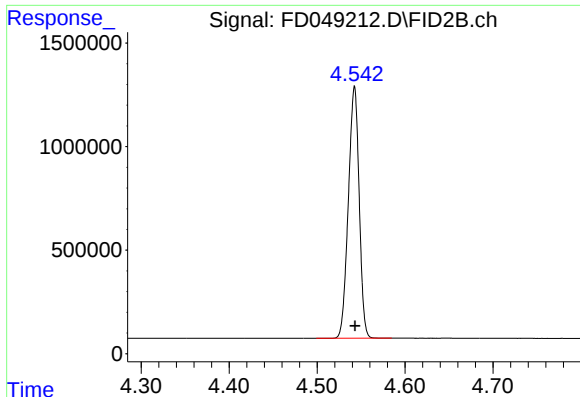
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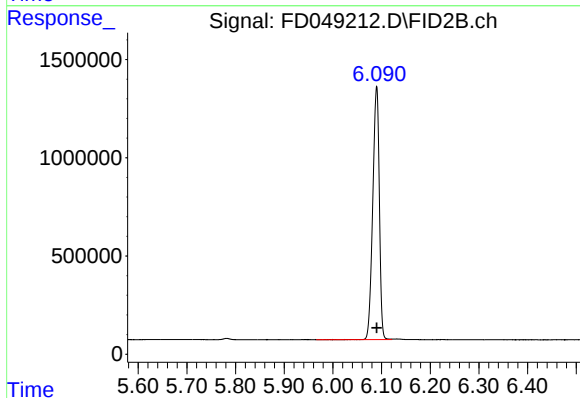




#1 1,2,3-Trimethylbenzene (C10.1)

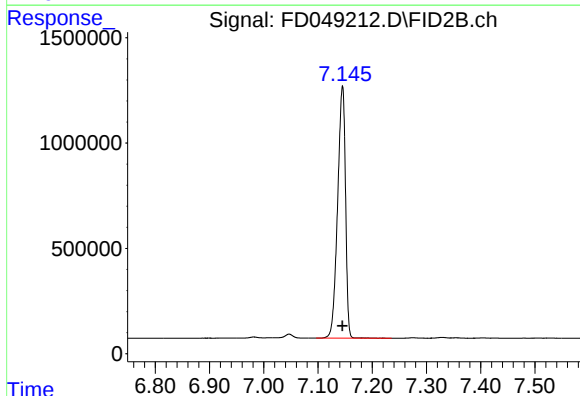
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 10388896
Conc: 96.85 ug/ml

Instrument :
FID_D
ClientSampleId :



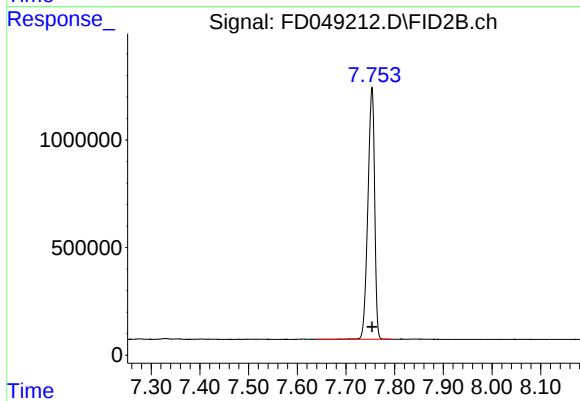
#2 Naphthalene (C11.7)

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 11963882
Conc: 98.09 ug/ml



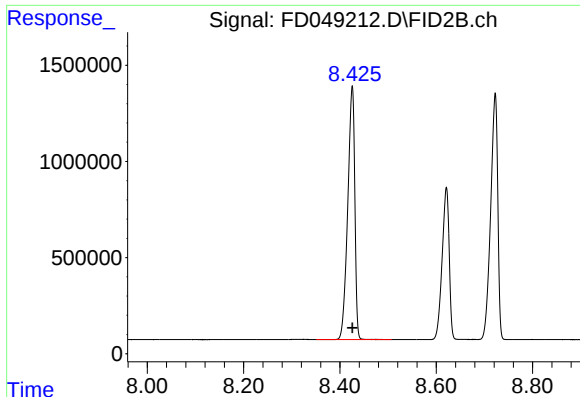
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 12093750
Conc: 99.03 ug/ml



#4 2-Bromonaphthalene (SURR)

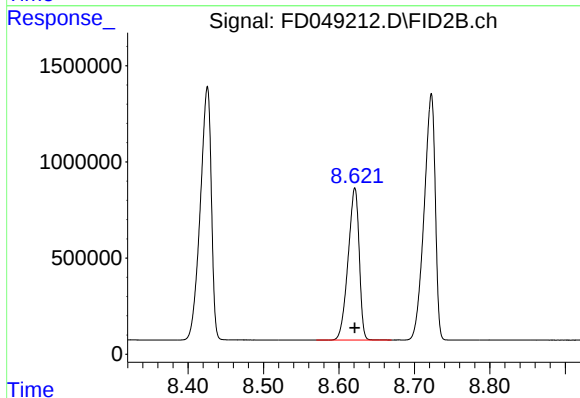
R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 11220827
Conc: 97.74 ug/ml



#5 Acenaphthylene (C15.06)

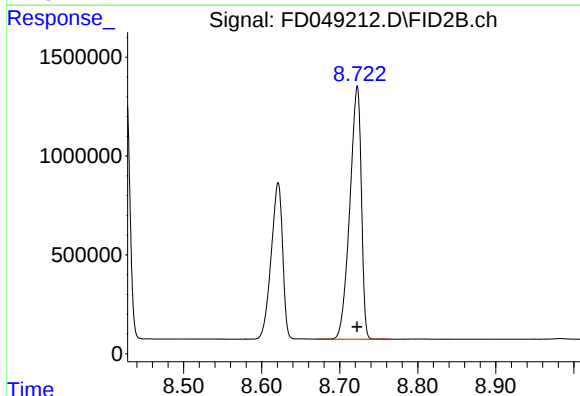
R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 13435483
Conc: 97.61 ug/ml

Instrument :
FID_D
ClientSampleId :



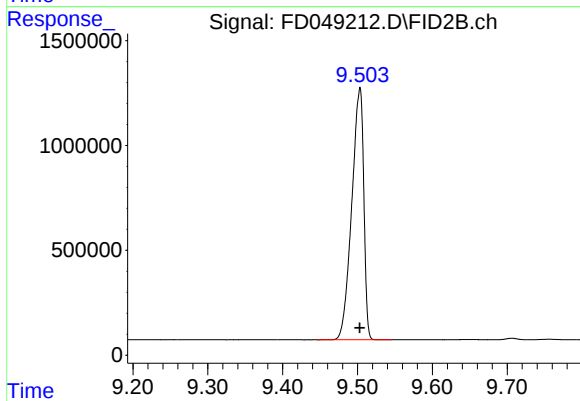
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.621 min
Delta R.T.: 0.000 min
Response: 8067475
Conc: 99.70 ug/ml



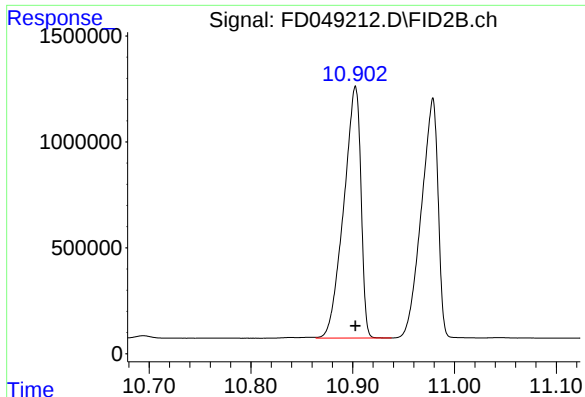
#7 Acenaphthene (C15.5)

R.T.: 8.722 min
Delta R.T.: 0.000 min
Response: 13120872
Conc: 98.53 ug/ml



#8 Fluorene (C16.55)

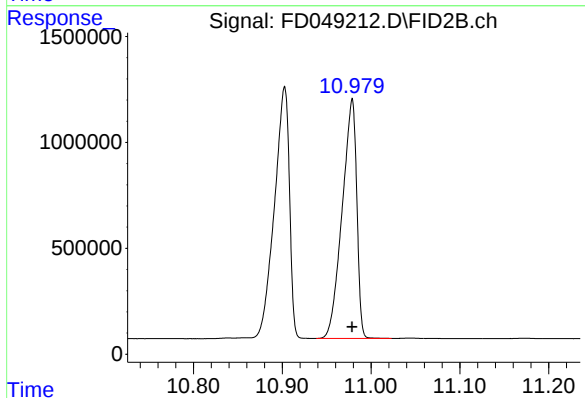
R.T.: 9.503 min
Delta R.T.: 0.000 min
Response: 13356107
Conc: 99.87 ug/ml



#9 Phenanthrene (C19.36)

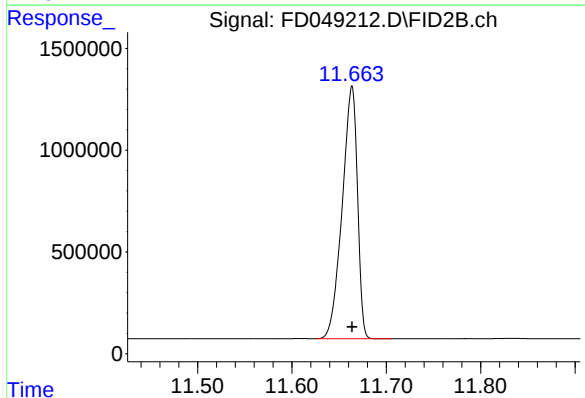
R.T.: 10.903 min
Delta R.T.: 0.000 min
Response: 13950641
Conc: 99.05 ug/ml

Instrument :
FID_D
ClientSampleId :



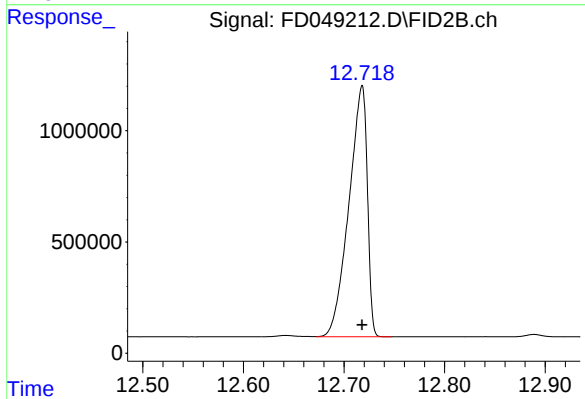
#10 Anthracene (C19.43)

R.T.: 10.979 min
Delta R.T.: 0.000 min
Response: 12909133
Conc: 102.34 ug/ml



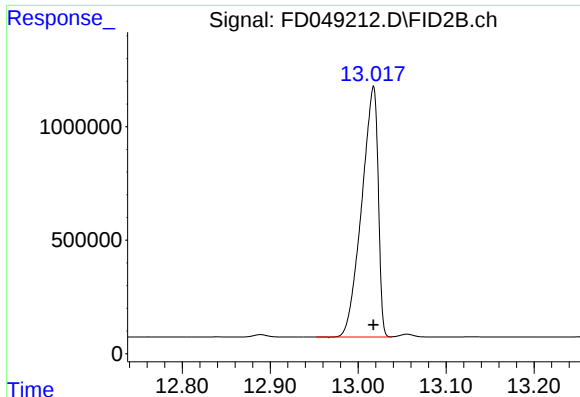
#11 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: 0.000 min
Response: 13951534
Conc: 97.01 ug/ml



#12 Fluoranthene (C21.85)

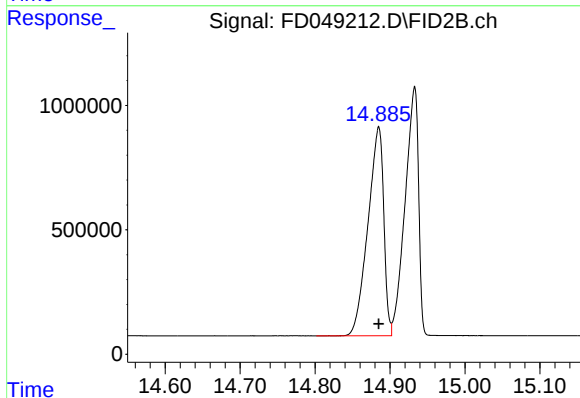
R.T.: 12.718 min
Delta R.T.: 0.000 min
Response: 14312021
Conc: 97.98 ug/ml



#13 Pyrene (C20.8)

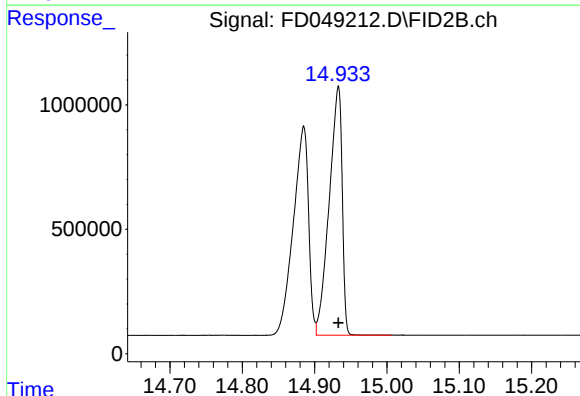
R.T.: 13.017 min
Delta R.T.: 0.000 min
Response: 14362166
Conc: 97.70 ug/ml

Instrument :
FID_D
ClientSampleId :



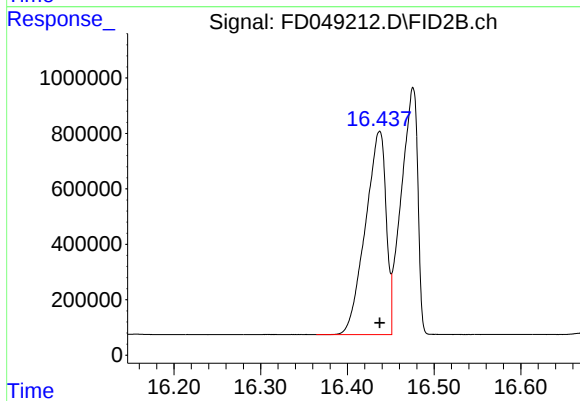
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.885 min
Delta R.T.: 0.000 min
Response: 12300574
Conc: 104.15 ug/ml



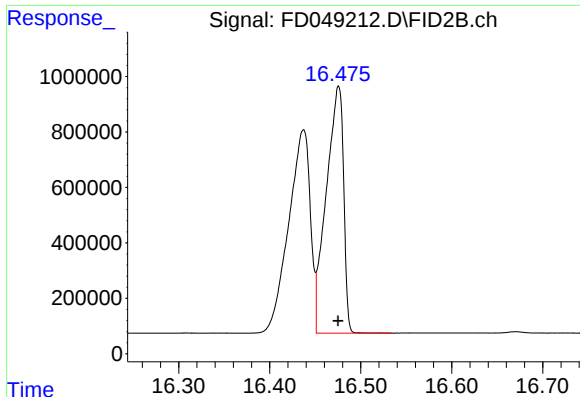
#15 Chrysene (C27.41)

R.T.: 14.933 min
Delta R.T.: 0.000 min
Response: 12452383
Conc: 101.97 ug/ml



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

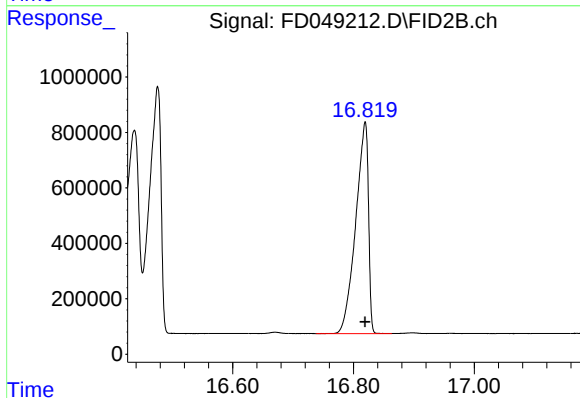
R.T.: 16.437 min
Delta R.T.: 0.000 min
Response: 12160698
Conc: 99.66 ug/ml



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

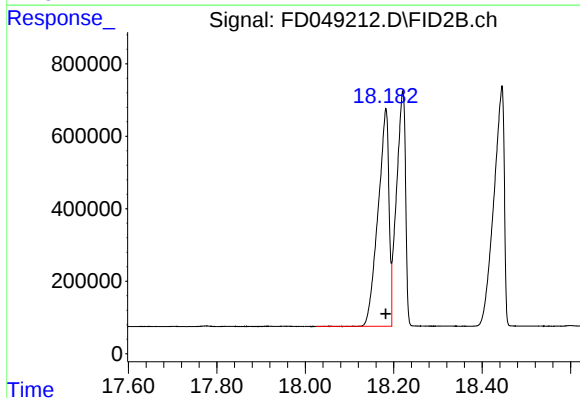
R.T.: 16.476 min
Delta R.T.: 0.000 min
Response: 11761761
Conc: 101.29 ug/ml

Instrument :
FID_D
ClientSampleId :



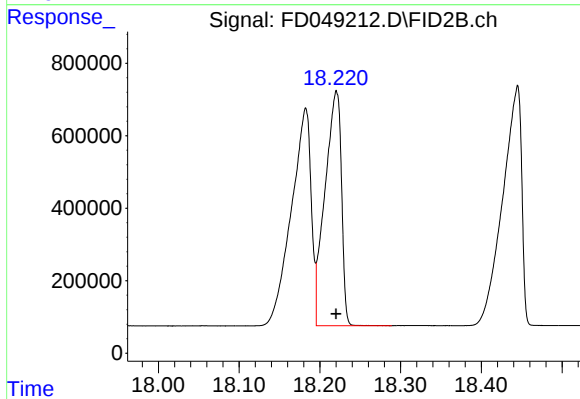
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min
Delta R.T.: 0.000 min
Response: 11132876
Conc: 100.70 ug/ml



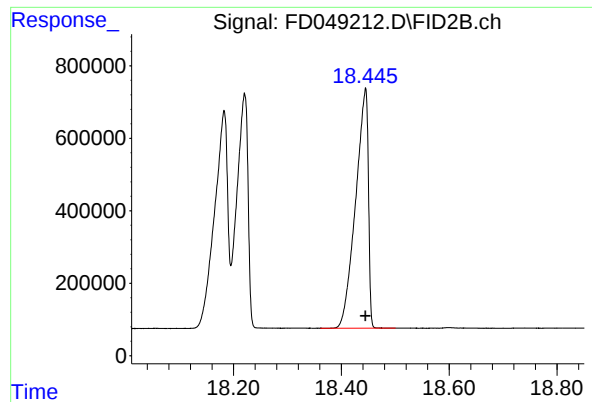
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.183 min
Delta R.T.: 0.000 min
Response: 10259510
Conc: 102.60 ug/ml



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

R.T.: 18.221 min
Delta R.T.: 0.000 min
Response: 9173627
Conc: 106.72 ug/ml



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

R.T.: 18.445 min
Delta R.T.: 0.000 min
Response: 10817790
Conc: 98.36 ug/ml

Instrument :

FID_D

ClientSampleId :