

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061825AR\
 Data File : FD049495.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jun 2025 13:20
 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: Jun 18 13:43:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 13:43:32 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...	7.735	1334646	10.502 ug/ml
Spiked Amount 50.000		Recovery =	21.00%
6) S 2-Fluorobiphenyl (SURR)	8.599	917966	10.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.51%
11) S ortho-Terphenyl (SURR)	11.643	1649655	10.450 ug/ml
Spiked Amount 50.000		Recovery =	20.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	1200497	10.279 ug/ml
2) T Naphthalene (C11.7)	6.073	1378011	10.170 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	1451436	10.178 ug/ml
5) T Acenaphthylene (C15.06)	8.403	1638009	10.591 ug/ml
7) T Acenaphthene (C15.5)	8.699	1548094	10.267 ug/ml
8) T Flouorene (C16.55)	9.479	1600814	10.382 ug/ml
9) T Phenanthrene (C19.36)	10.877	1668057	10.459 ug/ml
10) T Anthracene (C19.43)	10.951	1640730	10.406 ug/ml
12) T Fluoranthene (C21.85)	12.690	1663751	10.496 ug/ml
13) T Pyrene (C20.8)	12.988	1661242	10.495 ug/ml
14) T Benzo[a]anthracene (C...	14.858	1556351	10.509 ug/ml
15) T Chrysene (C27.41)	14.901	1570813	10.525 ug/ml
16) T benzo[b]fluoranthene ...	16.409	1481283	10.515 ug/ml
17) T Bnezo[k]fluoranthene ...	16.440	1401756	10.553 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	1435755	10.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	1270931	10.369 ug/ml
20) T Dibenz[a,h]anthracene...	18.191	1349680	10.678 ug/ml
21) T Benzo[g,h,i]perylene ...	18.405	1339114	10.466 ug/ml

(f)=RT Delta > 1/2 Window

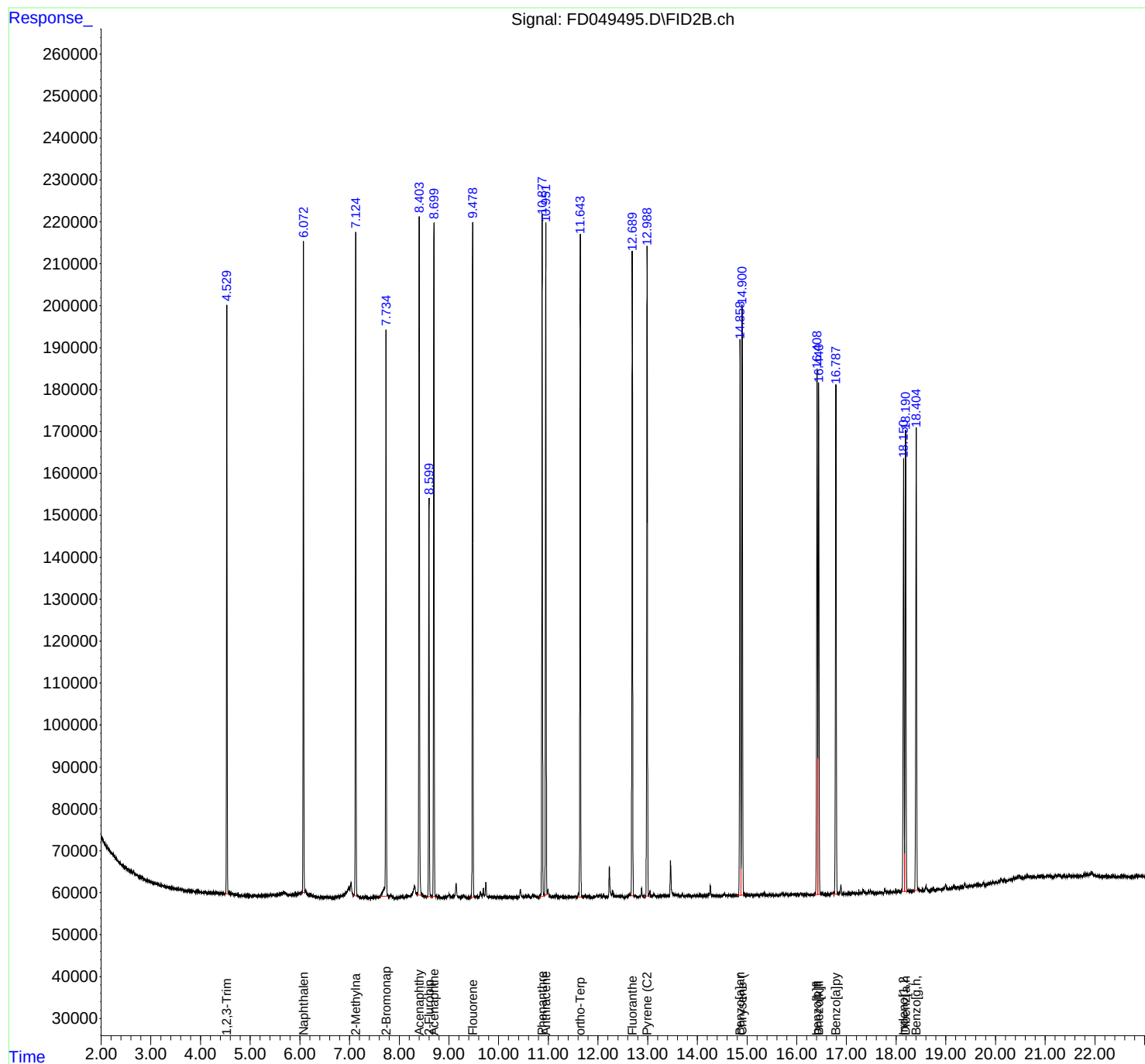
(m)=manual int.

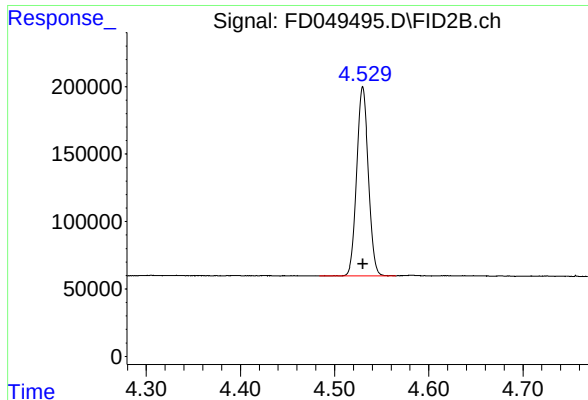
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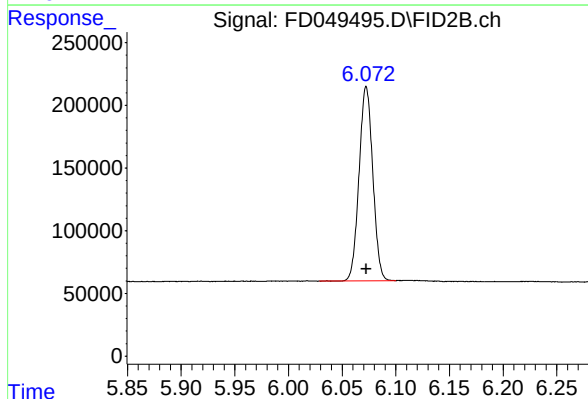




#1 1,2,3-Trimethylbenzene (C10.1)

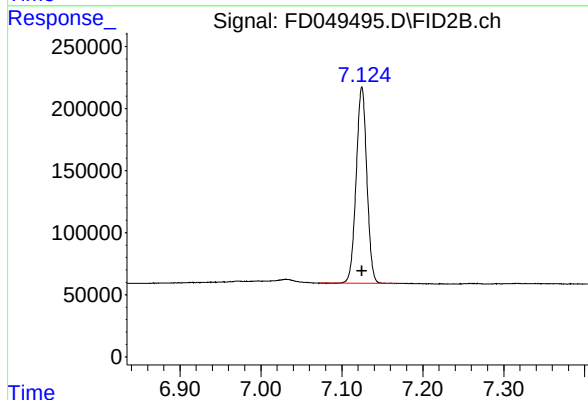
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1200497
Conc: 10.28 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



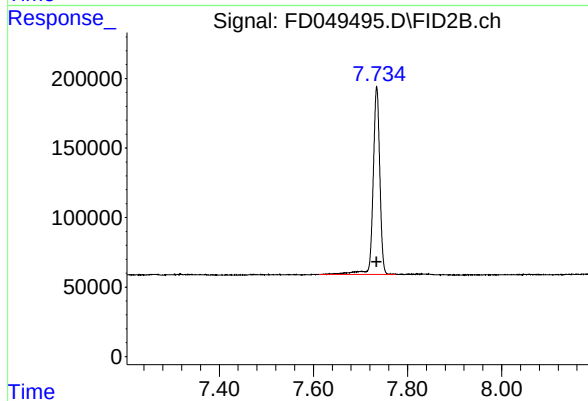
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1378011
Conc: 10.17 ug/ml



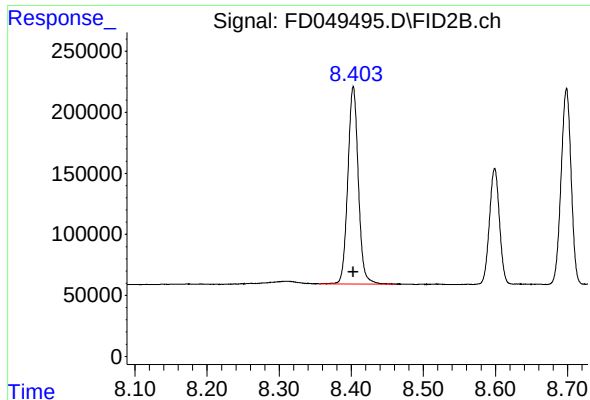
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 1451436
Conc: 10.18 ug/ml



#4 2-Bromonaphthalene (SURR)

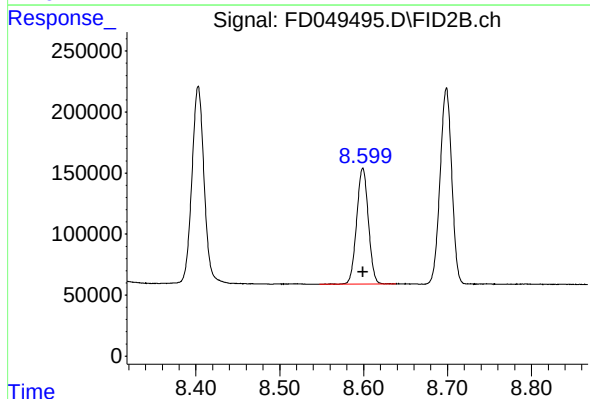
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 1334646
Conc: 10.50 ug/ml



#5 Acenaphthylene (C15.06)

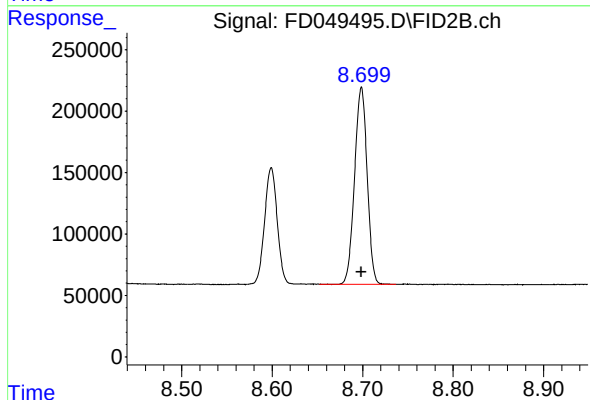
R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 1638009
Conc: 10.59 ug/ml

Instrument :
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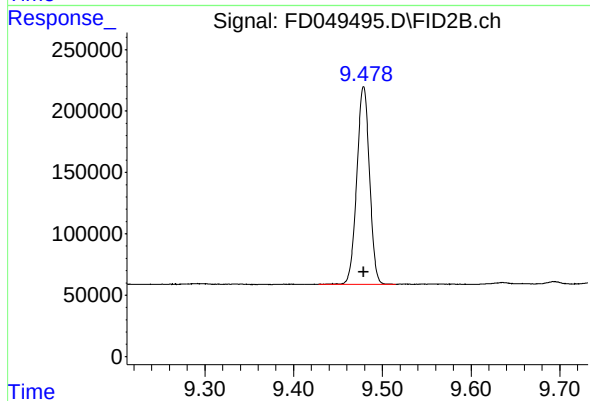
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 917966
Conc: 10.25 ug/ml



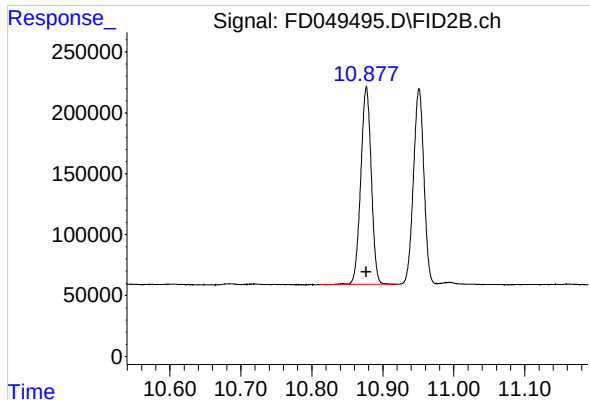
#7 Acenaphthene (C15.5)

R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 1548094
Conc: 10.27 ug/ml



#8 Fluorene (C16.55)

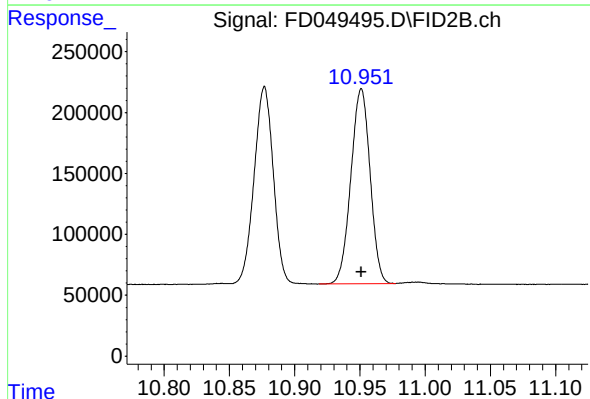
R.T.: 9.479 min
Delta R.T.: 0.000 min
Response: 1600814
Conc: 10.38 ug/ml



#9 Phenanthrene (C19.36)

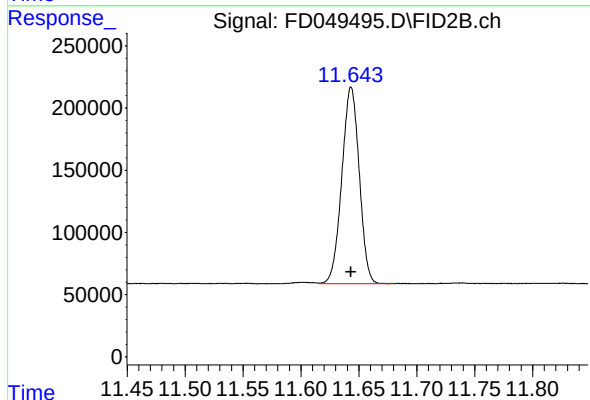
R.T.: 10.877 min
Delta R.T.: 0.000 min
Response: 1668057
Conc: 10.46 ug/ml

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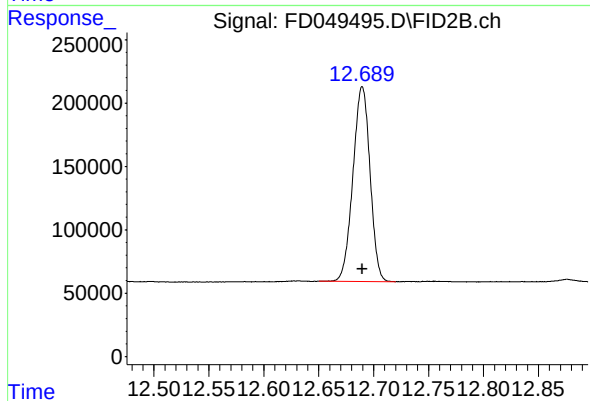
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: 0.000 min
Response: 1640730
Conc: 10.41 ug/ml



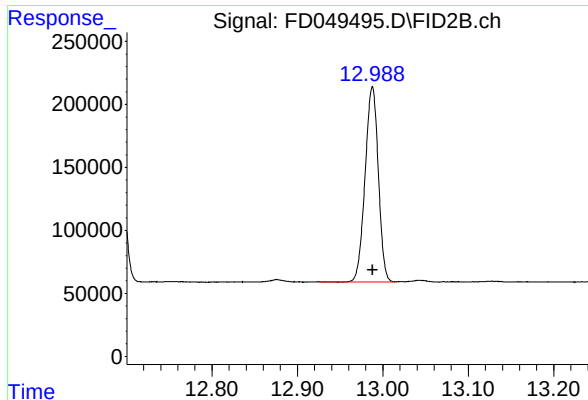
#11 ortho-Terphenyl (SURRE)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 1649655
Conc: 10.45 ug/ml



#12 Fluoranthene (C21.85)

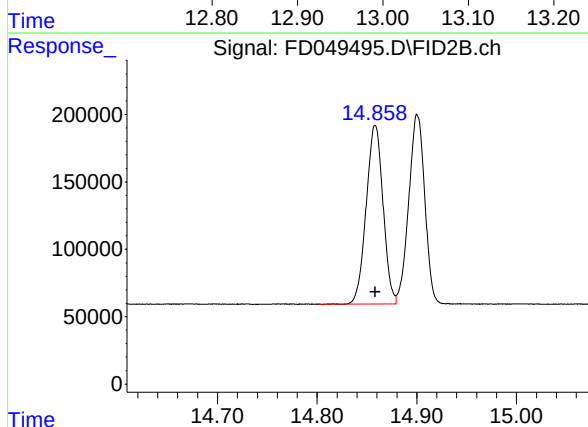
R.T.: 12.690 min
Delta R.T.: 0.000 min
Response: 1663751
Conc: 10.50 ug/ml



#13 Pyrene (C20.8)

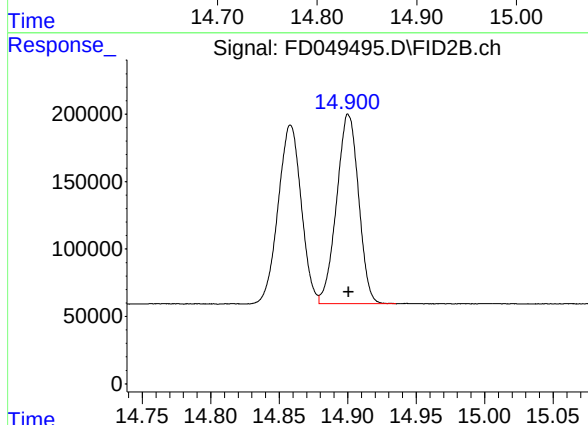
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 1661242
Conc: 10.49 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



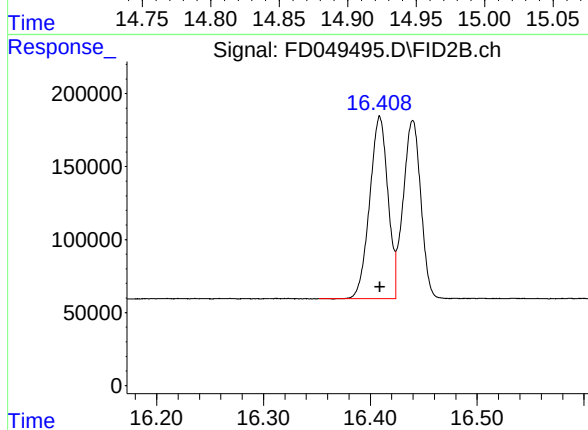
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.858 min
Delta R.T.: 0.000 min
Response: 1556351
Conc: 10.51 ug/ml



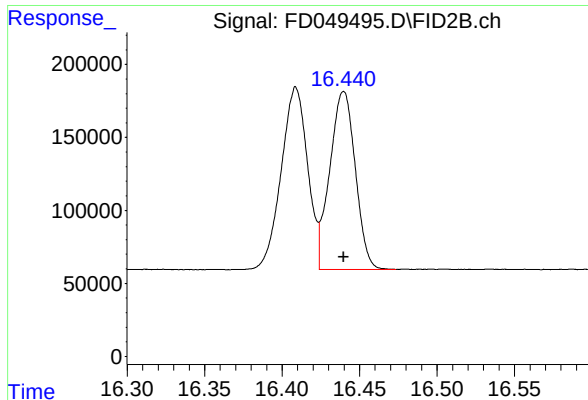
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: 0.000 min
Response: 1570813
Conc: 10.53 ug/ml



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

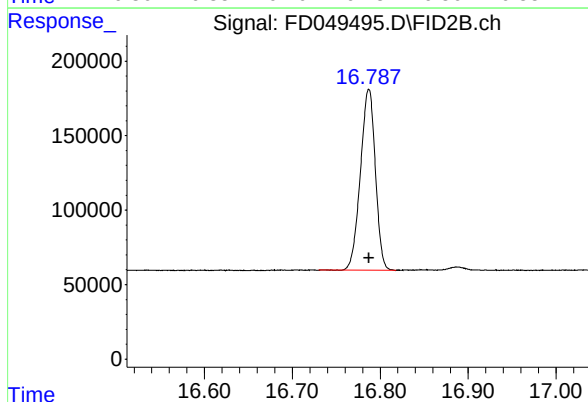
R.T.: 16.409 min
Delta R.T.: 0.000 min
Response: 1481283
Conc: 10.52 ug/ml



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

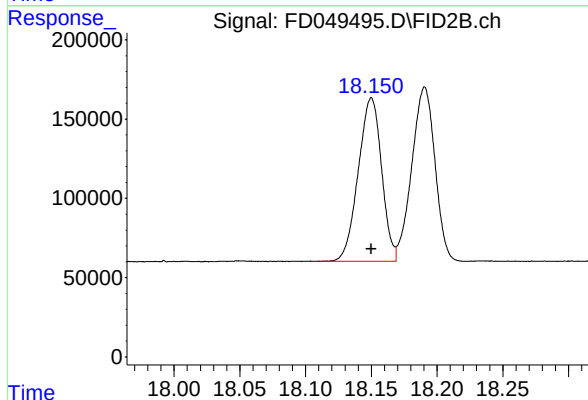
R.T.: 16.440 min
Delta R.T.: 0.000 min
Response: 1401756
Conc: 10.55 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



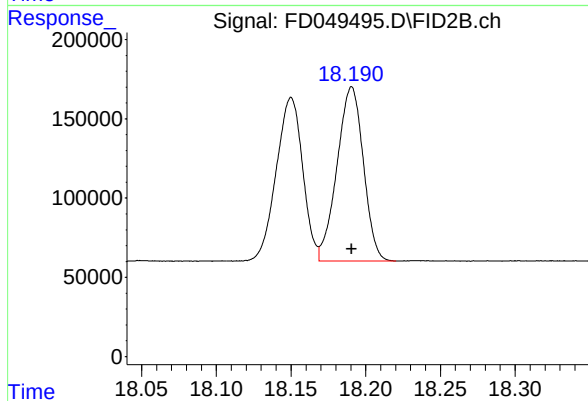
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.787 min
Delta R.T.: 0.000 min
Response: 1435755
Conc: 10.50 ug/ml



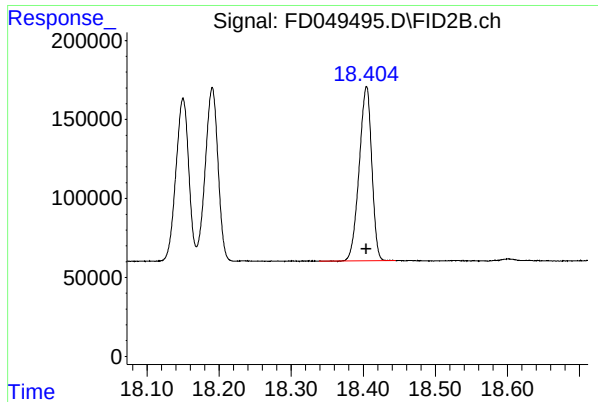
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 1270931
Conc: 10.37 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.000 min
Response: 1349680
Conc: 10.68 ug/ml



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

R.T.: 18.405 min
Delta R.T.: 0.000 min
Response: 1339114
Conc: 10.47 ug/ml

Instrument :

FID_D

ClientSampleId :

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