

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072325AR\
 Data File : FD049586.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2025 12:14
 Operator : YP/AJ
 Sample : PB168970BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168970BSD

Integration File: autoint1.e
 Quant Time: Jul 24 03:47:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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	6398426	48.905 ug/ml
Spiked Amount 50.000		Recovery =	97.81%
6) S 2-Fluorobiphenyl (SURR)	8.601	4451869	48.043 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.09%
11) S ortho-Terphenyl (SURR)	11.643	6580622	40.134 ug/ml
Spiked Amount 50.000		Recovery =	80.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4062279	31.445 ug/ml
2) T Naphthalene (C11.7)	6.072	5121017	34.989 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	5105549	33.620 ug/ml
5) T Acenaphthylene (C15.06)	8.404	6171389	38.879 ug/ml
7) T Acenaphthene (C15.5)	8.700	6269439	39.598 ug/ml
8) T Flouorene (C16.55)	9.481	6674636	41.783 ug/ml
9) T Phenanthrene (C19.36)	10.879	6886741	42.042 ug/ml
10) T Anthracene (C19.43)	10.954	6224599	39.076 ug/ml
12) T Fluoranthene (C21.85)	12.694	7059405	43.431 ug/ml
13) T Pyrene (C20.8)	12.992	6985953	43.046 ug/ml
14) T Benzo[a]anthracene (C...	14.864	6714565	45.849 ug/ml
15) T Chrysene (C27.41)	14.908	7246938	48.694 ug/ml
16) T benzo[b]fluoranthene ...	16.414	6563338	46.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	6439274	48.168 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	6156347	44.715 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	6390349	51.022 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	5927900	44.996 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	5822924	43.998 ug/ml

(f)=RT Delta > 1/2 Window

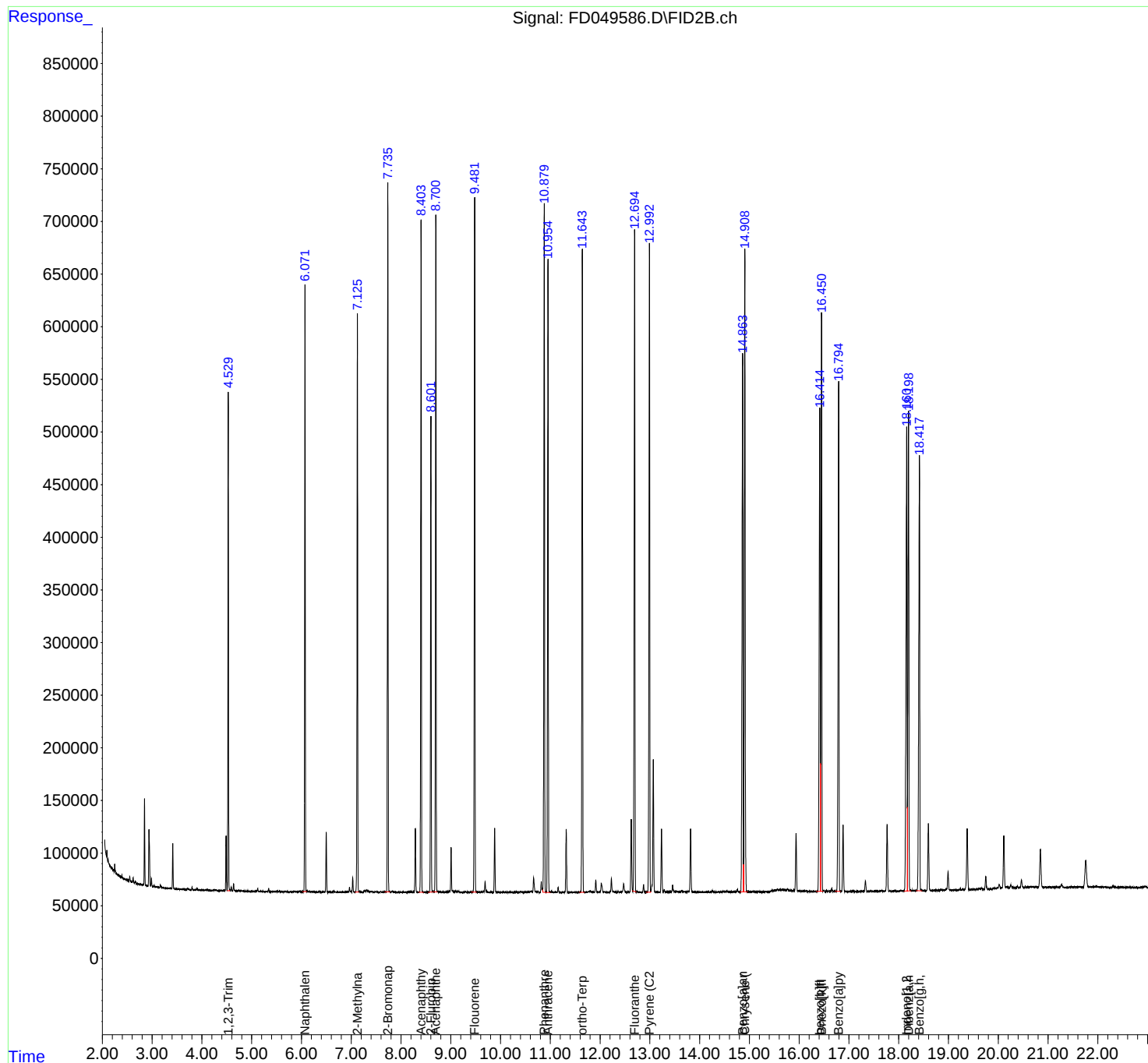
(m)=manual int.

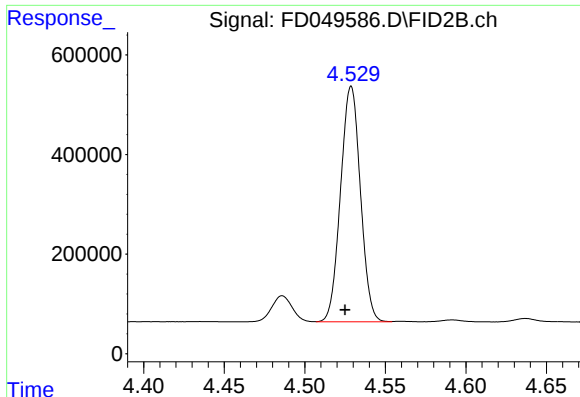
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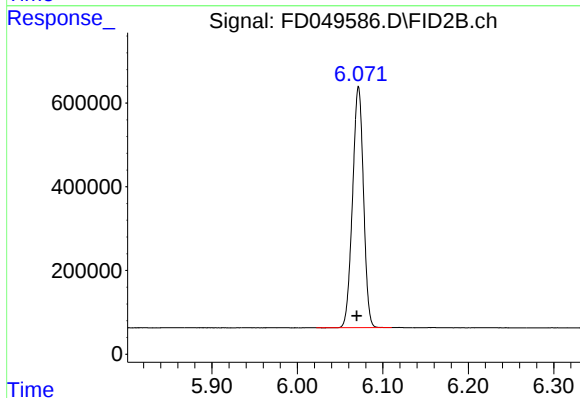




#1 1,2,3-Trimethylbenzene (C10.1)

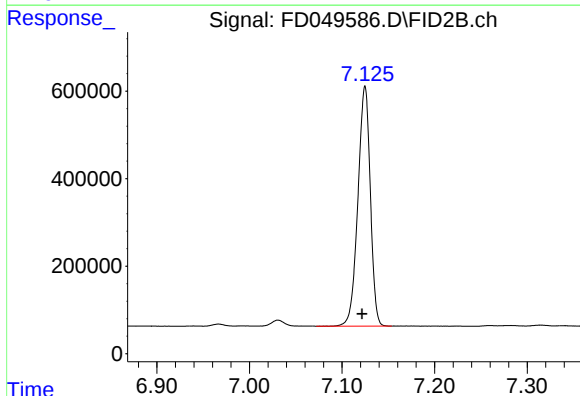
R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 4062279
Conc: 31.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168970BSD



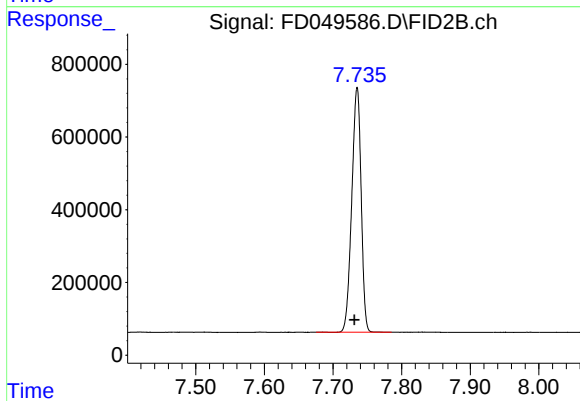
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 5121017
Conc: 34.99 ug/ml



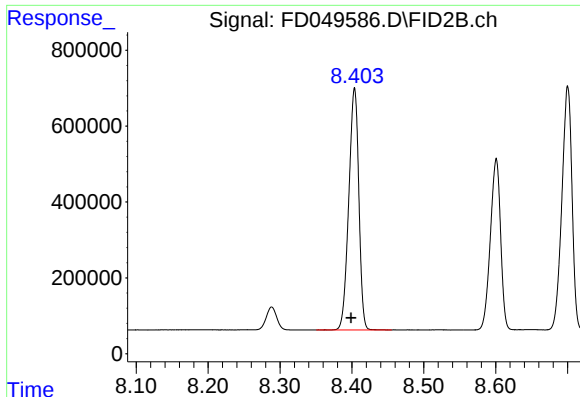
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.003 min
Response: 5105549
Conc: 33.62 ug/ml



#4 2-Bromonaphthalene (SURR)

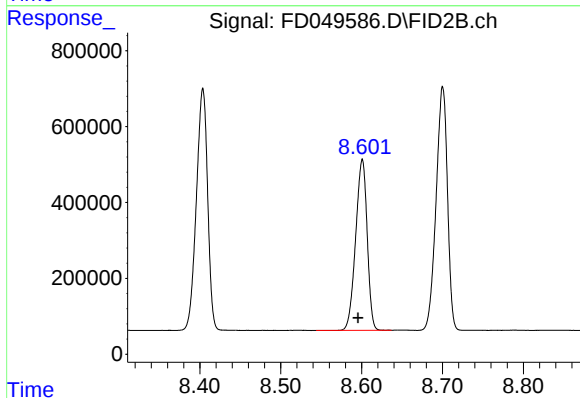
R.T.: 7.735 min
Delta R.T.: 0.004 min
Response: 6398426
Conc: 48.90 ug/ml



#5 Acenaphthylene (C15.06)

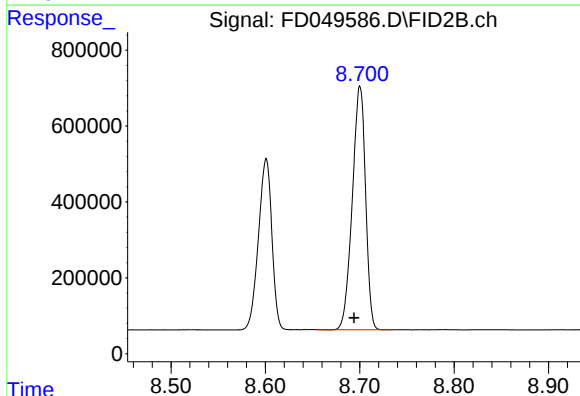
R.T.: 8.404 min
Delta R.T.: 0.005 min
Response: 6171389
Conc: 38.88 ug/ml

Instrument :
FID_D
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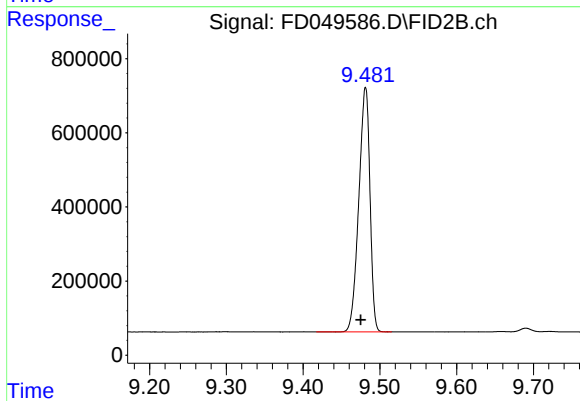
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.601 min
Delta R.T.: 0.005 min
Response: 4451869
Conc: 48.04 ug/ml



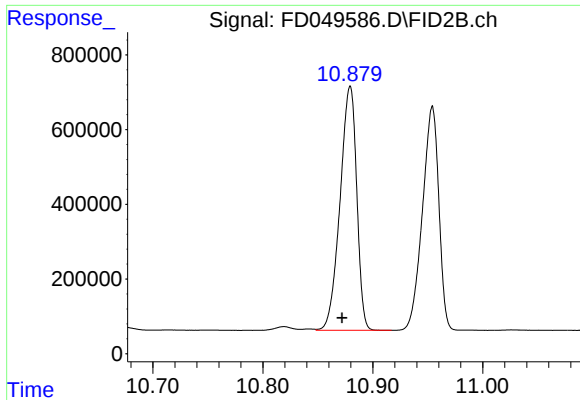
#7 Acenaphthene (C15.5)

R.T.: 8.700 min
Delta R.T.: 0.006 min
Response: 6269439
Conc: 39.60 ug/ml



#8 Fluorene (C16.55)

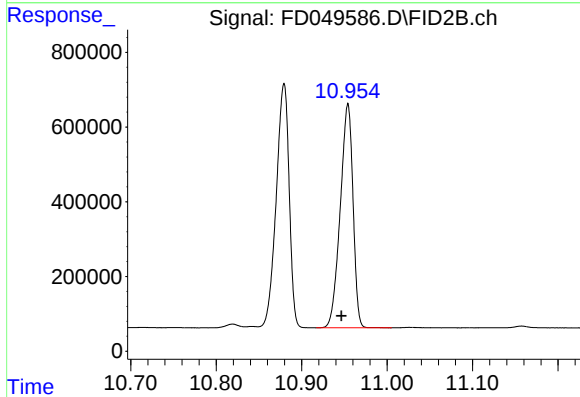
R.T.: 9.481 min
Delta R.T.: 0.006 min
Response: 6674636
Conc: 41.78 ug/ml



#9 Phenanthrene (C19.36)

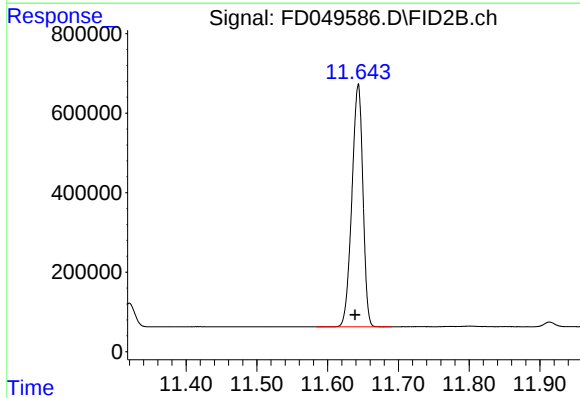
R.T.: 10.879 min
Delta R.T.: 0.007 min
Response: 6886741
Conc: 42.04 ug/ml

Instrument :
FID_D
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PB168970BSD



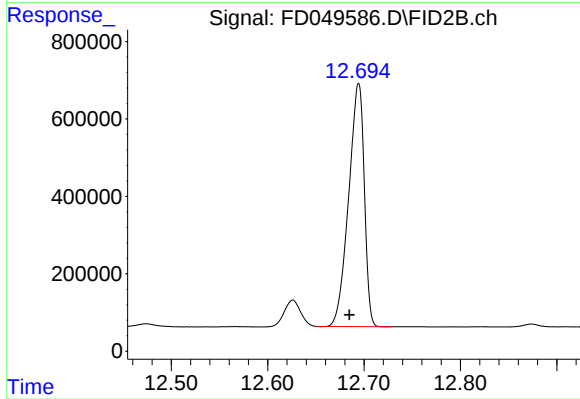
#10 Anthracene (C19.43)

R.T.: 10.954 min
Delta R.T.: 0.008 min
Response: 6224599
Conc: 39.08 ug/ml



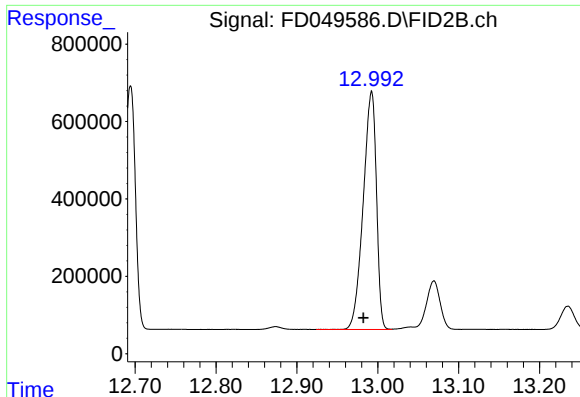
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.005 min
Response: 6580622
Conc: 40.13 ug/ml



#12 Fluoranthene (C21.85)

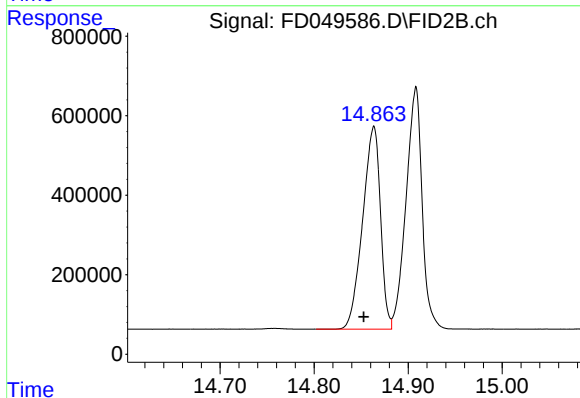
R.T.: 12.694 min
Delta R.T.: 0.010 min
Response: 7059405
Conc: 43.43 ug/ml



#13 Pyrene (C20.8)

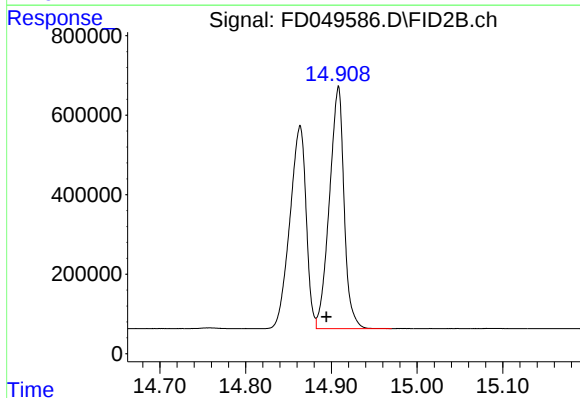
R.T.: 12.992 min
Delta R.T.: 0.010 min
Response: 6985953
Conc: 43.05 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168970BSD



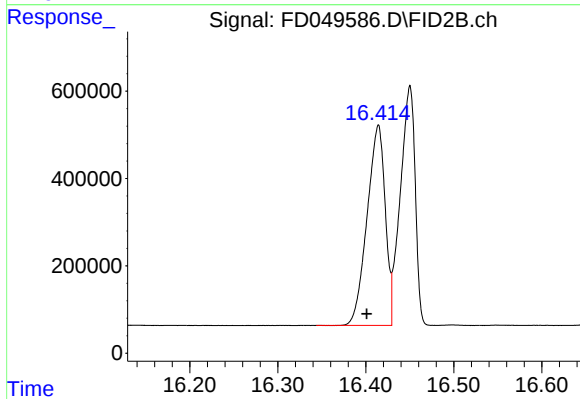
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.864 min
Delta R.T.: 0.011 min
Response: 6714565
Conc: 45.85 ug/ml



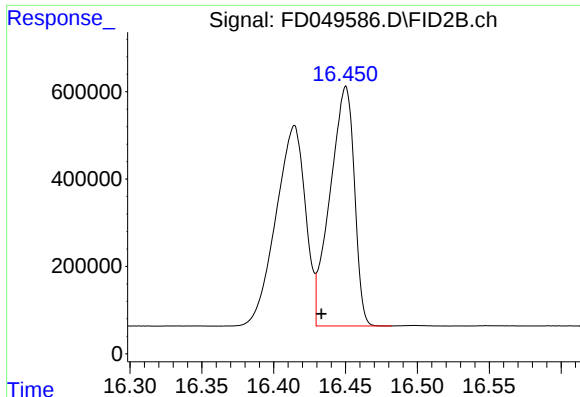
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.014 min
Response: 7246938
Conc: 48.69 ug/ml



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

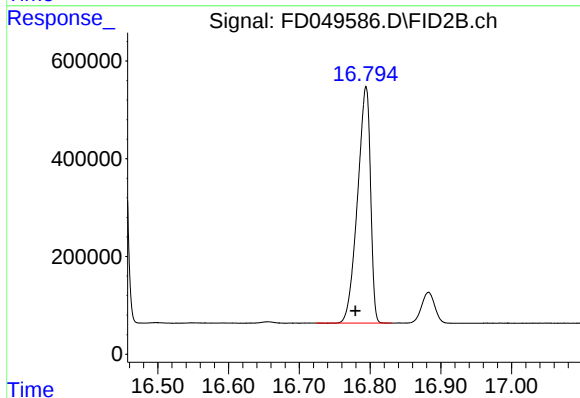
R.T.: 16.414 min
Delta R.T.: 0.013 min
Response: 6563338
Conc: 46.32 ug/ml



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

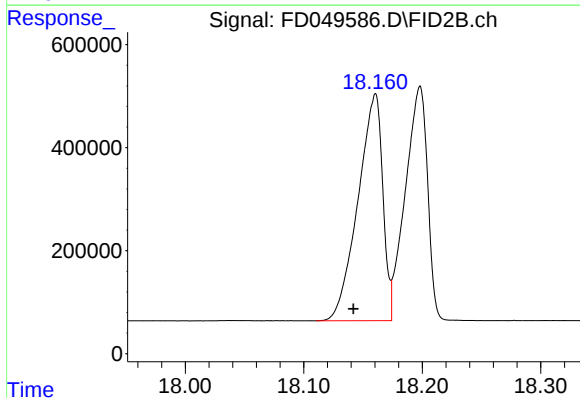
R.T.: 16.450 min
Delta R.T.: 0.017 min
Response: 6439274
Conc: 48.17 ug/ml

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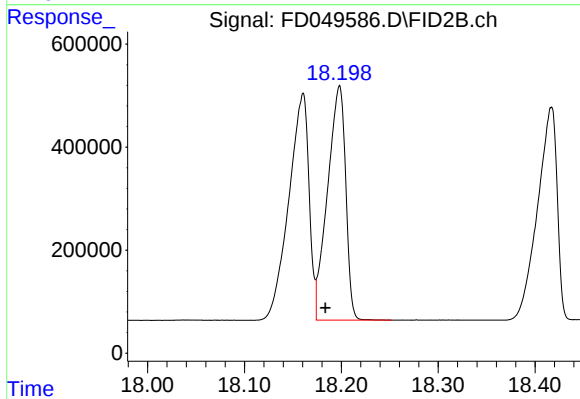
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.015 min
Response: 6156347
Conc: 44.71 ug/ml



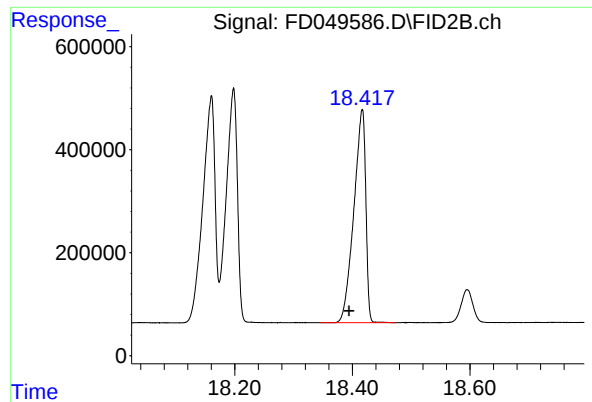
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: 0.018 min
Response: 6390349
Conc: 51.02 ug/ml



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

R.T.: 18.198 min
Delta R.T.: 0.014 min
Response: 5927900
Conc: 45.00 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.022 min
Response: 5822924
Conc: 44.00 ug/ml

Instrument :

FID_D

ClientSampleId :

PB168970BSD