

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049550.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 16:02
 Operator : YP/AJ
 Sample : PB168879BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168879BS

Integration File: sample.E
 Quant Time: Jul 17 07:16:14 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...	7.734	1222114	9.341 ug/ml
Spiked Amount 50.000		Recovery =	18.68%
6) S 2-Fluorobiphenyl (SURR)	8.598	711771	7.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	15.36%
11) S ortho-Terphenyl (SURR)	11.641	1106112	6.746 ug/ml
Spiked Amount 50.000		Recovery =	13.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	737851	5.711 ug/ml
2) T Naphthalene (C11.7)	6.071	1047434	7.157 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	1020888	6.722 ug/ml
5) T Acenaphthylene (C15.06)	8.402	1424099	8.972 ug/ml
7) T Acenaphthene (C15.5)	8.697	1214151	7.669 ug/ml
8) T Flouorene (C16.55)	9.477	1586884	9.934 ug/ml
9) T Phenanthrene (C19.36)	10.875	1640498	10.015 ug/ml
10) T Anthracene (C19.43)	10.949	1593916	10.006 ug/ml
12) T Fluoranthene (C21.85)	12.687	1598005	9.831 ug/ml
13) T Pyrene (C20.8)	12.985	1490285	9.183 ug/ml
14) T Benzo[a]anthracene (C...	14.856	1533177	10.469 ug/ml
15) T Chrysene (C27.41)	14.897	1746907	11.738 ug/ml
16) T benzo[b]fluoranthene ...	16.405	1518211	10.715 ug/ml
17) T Bnezo[k]fluoranthene ...	16.436	1501144	11.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.783	1424842	10.349 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	1545512	12.340 ug/ml
20) T Dibenz[a,h]anthracene...	18.187	1532195	11.630 ug/ml
21) T Benzo[g,h,i]perylene ...	18.400	1336008	10.095 ug/ml

(f)=RT Delta > 1/2 Window

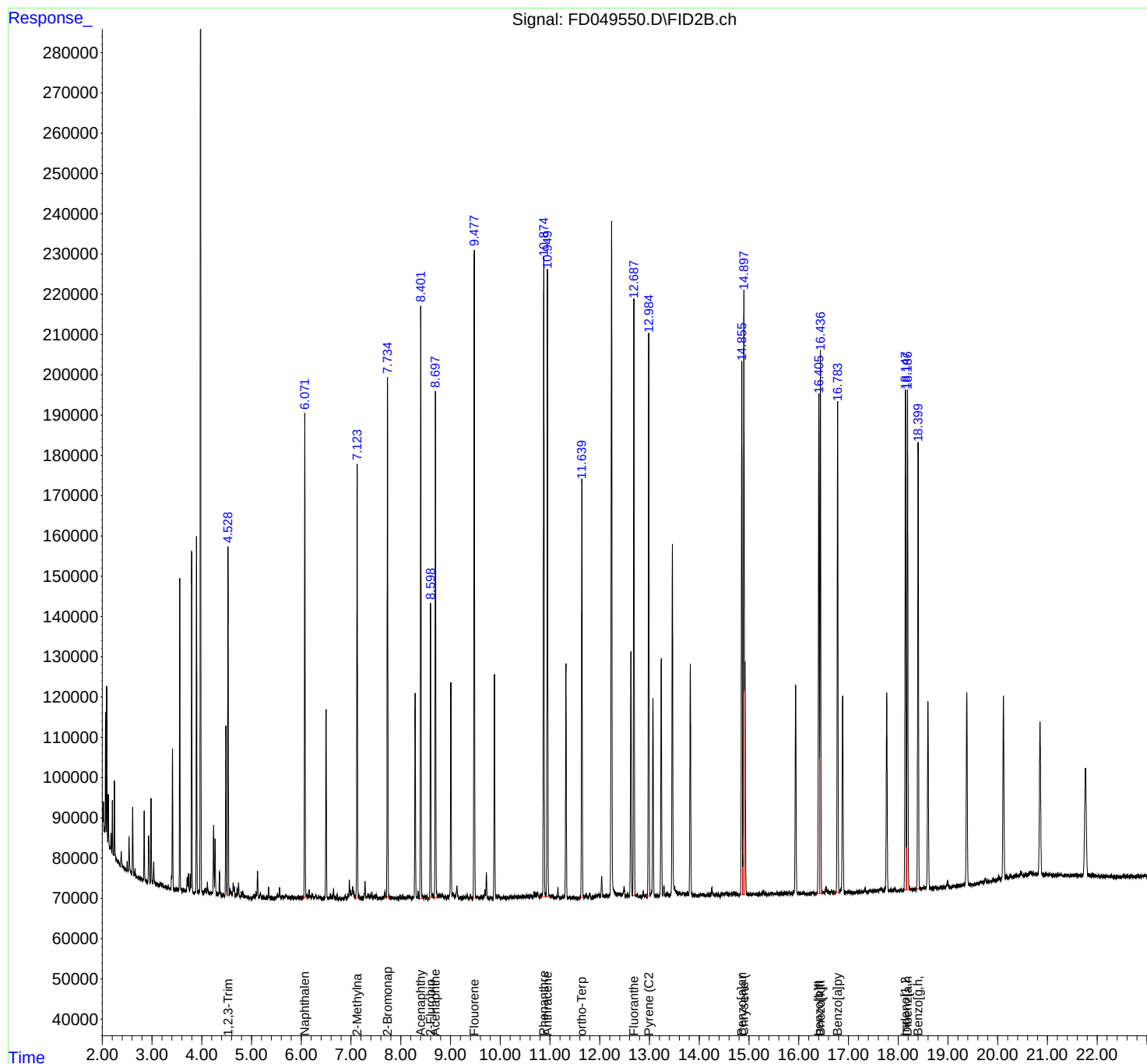
(m)=manual int.

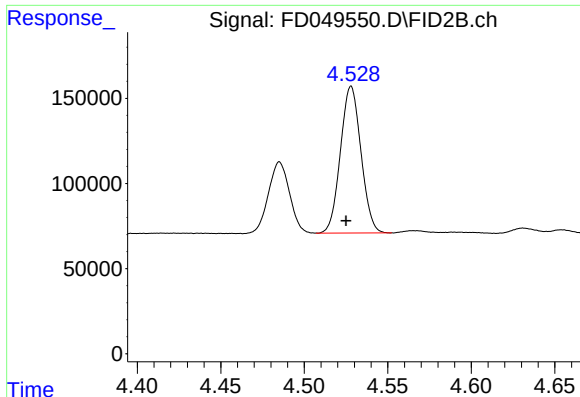
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Signal Info : 20M x 0.18mm x 0.18µm

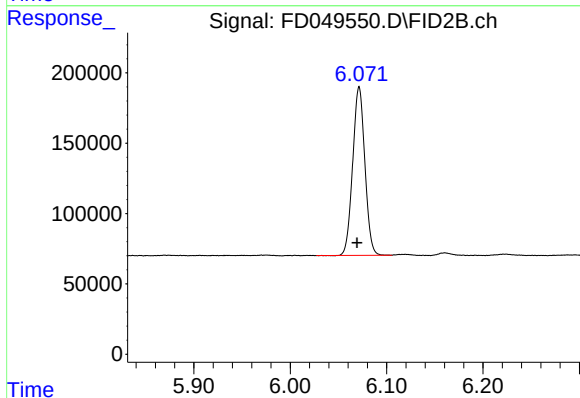




#1 1,2,3-Trimethylbenzene (C10.1)

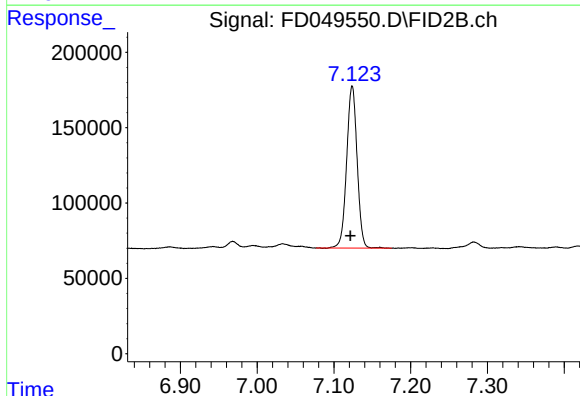
R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 737851
Conc: 5.71 ug/ml

Instrument :
FID_D
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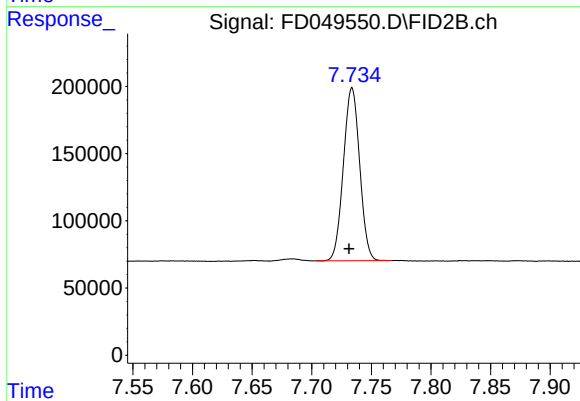
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 1047434
Conc: 7.16 ug/ml



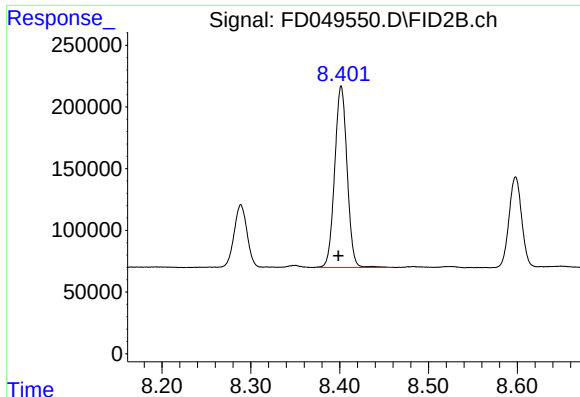
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.002 min
Response: 1020888
Conc: 6.72 ug/ml



#4 2-Bromonaphthalene (SURR)

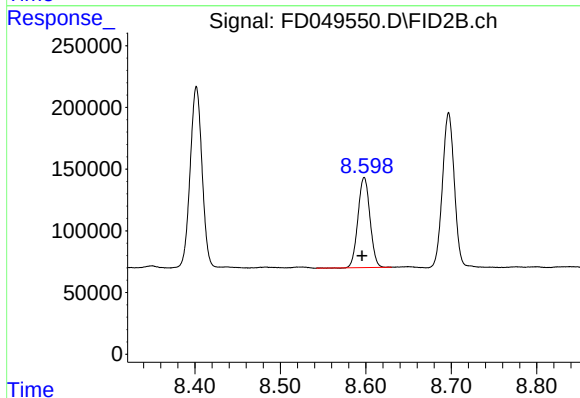
R.T.: 7.734 min
Delta R.T.: 0.003 min
Response: 1222114
Conc: 9.34 ug/ml



#5 Acenaphthylene (C15.06)

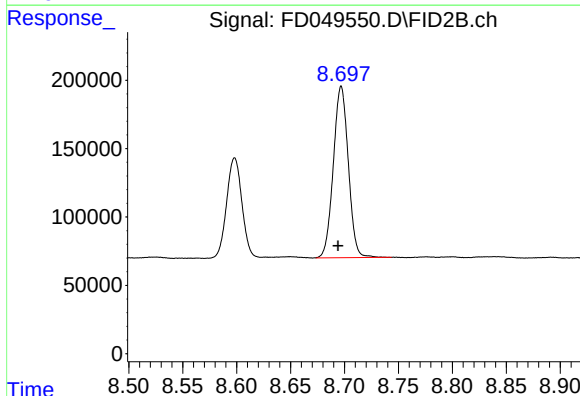
R.T.: 8.402 min
Delta R.T.: 0.003 min
Response: 1424099
Conc: 8.97 ug/ml

Instrument :
FID_D
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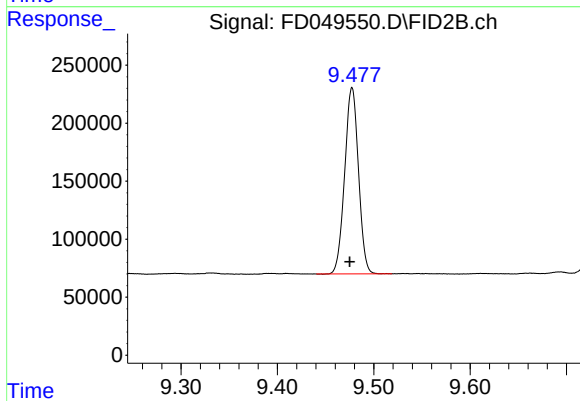
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: 0.003 min
Response: 711771
Conc: 7.68 ug/ml



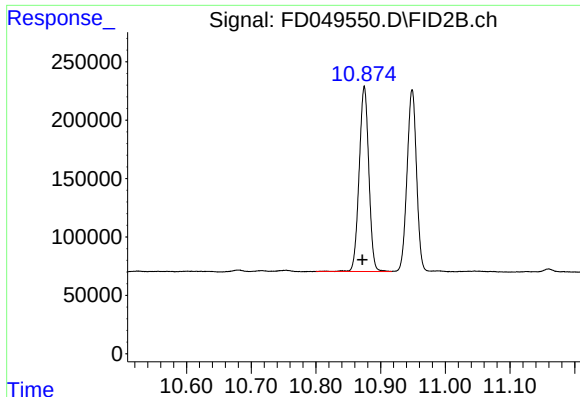
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 1214151
Conc: 7.67 ug/ml



#8 Flouorene (C16.55)

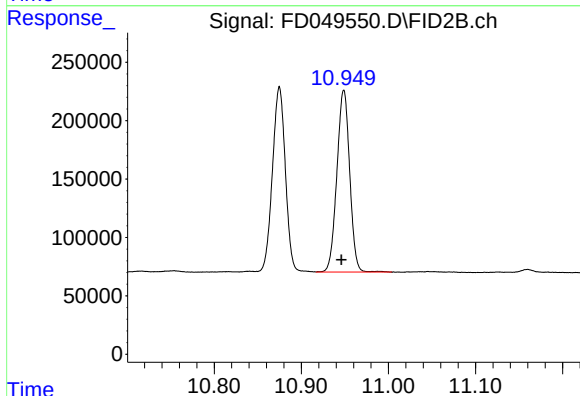
R.T.: 9.477 min
Delta R.T.: 0.002 min
Response: 1586884
Conc: 9.93 ug/ml



#9 Phenanthrene (C19.36)

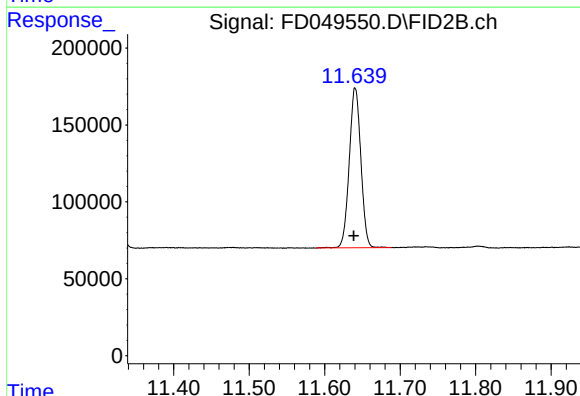
R.T.: 10.875 min
Delta R.T.: 0.003 min
Response: 1640498
Conc: 10.01 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168879BS



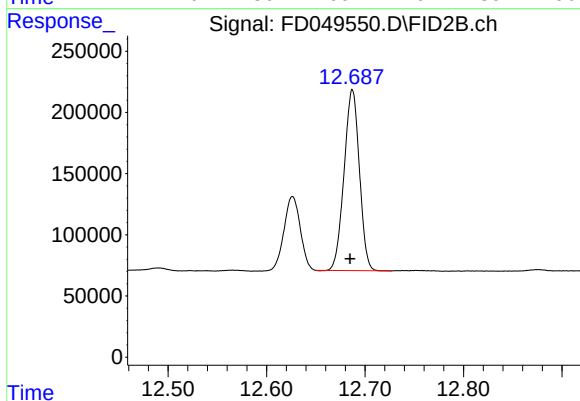
#10 Anthracene (C19.43)

R.T.: 10.949 min
Delta R.T.: 0.003 min
Response: 1593916
Conc: 10.01 ug/ml



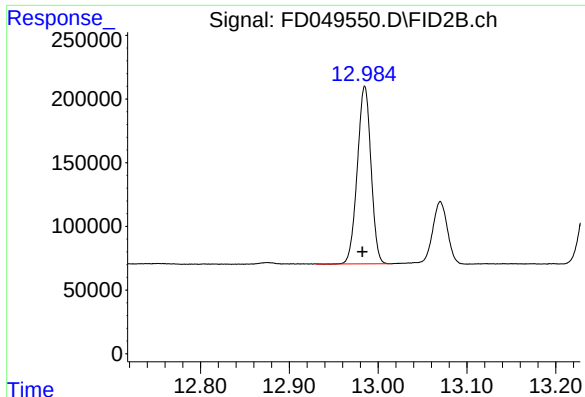
#11 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: 0.002 min
Response: 1106112
Conc: 6.75 ug/ml



#12 Fluoranthene (C21.85)

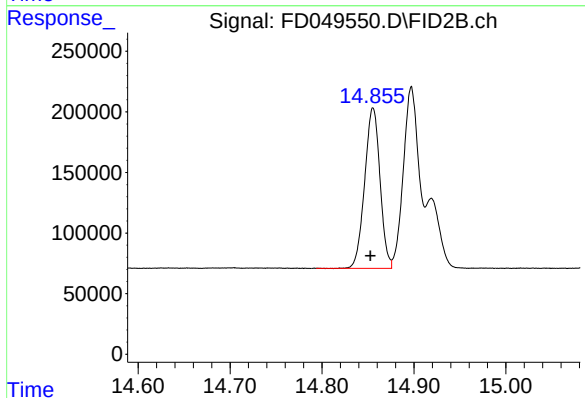
R.T.: 12.687 min
Delta R.T.: 0.002 min
Response: 1598005
Conc: 9.83 ug/ml



#13 Pyrene (C20.8)

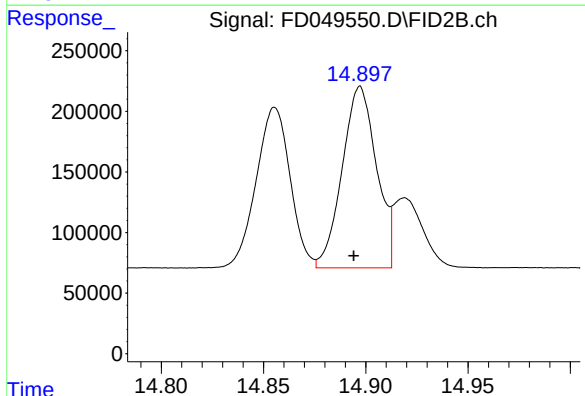
R.T.: 12.985 min
Delta R.T.: 0.003 min
Response: 1490285
Conc: 9.18 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168879BS



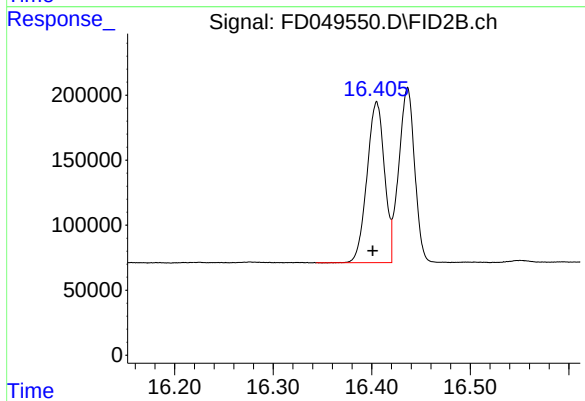
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.856 min
Delta R.T.: 0.003 min
Response: 1533177
Conc: 10.47 ug/ml



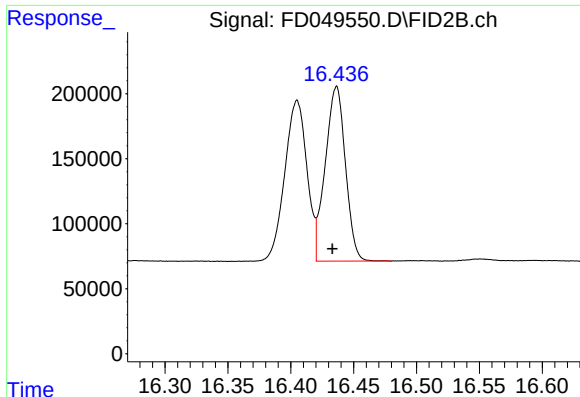
#15 Chrysene (C27.41)

R.T.: 14.897 min
Delta R.T.: 0.003 min
Response: 1746907
Conc: 11.74 ug/ml



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

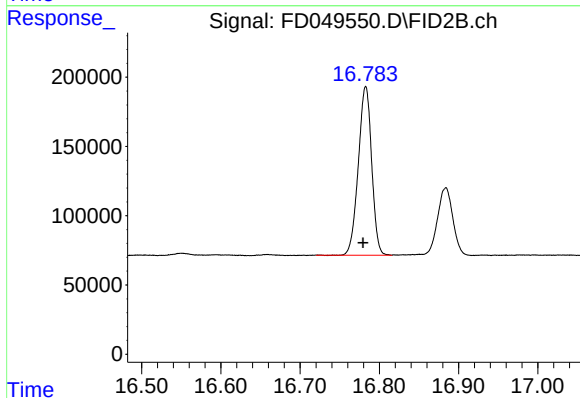
R.T.: 16.405 min
Delta R.T.: 0.004 min
Response: 1518211
Conc: 10.72 ug/ml



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

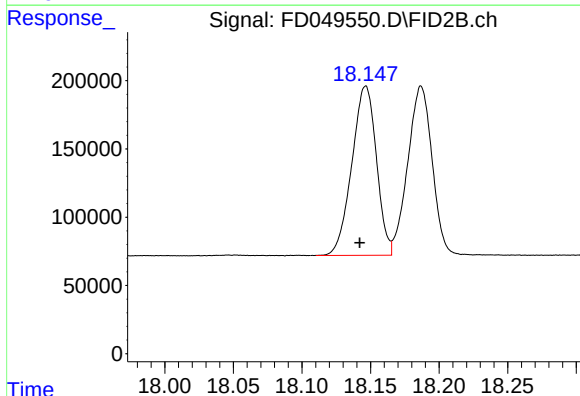
R.T.: 16.436 min
Delta R.T.: 0.003 min
Response: 1501144
Conc: 11.23 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168879BS



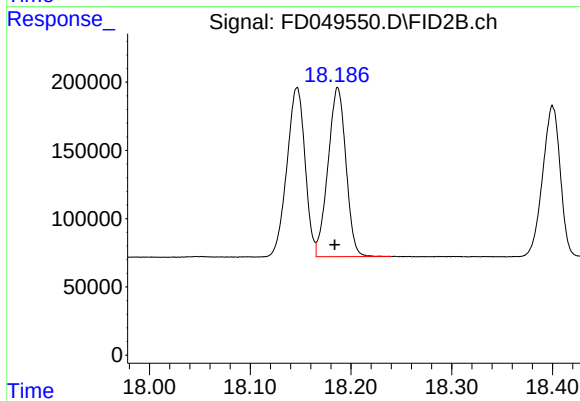
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.783 min
Delta R.T.: 0.004 min
Response: 1424842
Conc: 10.35 ug/ml



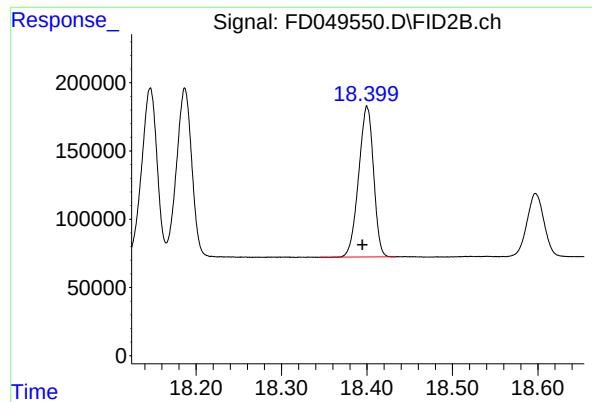
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: 0.004 min
Response: 1545512
Conc: 12.34 ug/ml



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

R.T.: 18.187 min
Delta R.T.: 0.003 min
Response: 1532195
Conc: 11.63 ug/ml



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

R.T.: 18.400 min
Delta R.T.: 0.005 min
Response: 1336008
Conc: 10.09 ug/ml

Instrument :

FID_D

ClientSampleId :

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