

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049551.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 16:48
 Operator : YP/AJ
 Sample : PB168879BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168879BSD

Integration File: sample.E
 Quant Time: Jul 17 07:16:32 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...	7.732	1362615	10.415 ug/ml
Spiked Amount 50.000		Recovery =	20.83%
6) S 2-Fluorobiphenyl (SURR)	8.597	785622	8.478 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.96%
11) S ortho-Terphenyl (SURR)	11.640	1276799	7.787 ug/ml
Spiked Amount 50.000		Recovery =	15.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.526	768986	5.952 ug/ml
2) T Naphthalene (C11.7)	6.070	1102642	7.534 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	1071773	7.058 ug/ml
5) T Acenaphthylene (C15.06)	8.400	1542490	9.718 ug/ml
7) T Acenaphthene (C15.5)	8.695	1312091	8.287 ug/ml
8) T Flouorene (C16.55)	9.476	1754881	10.985 ug/ml
9) T Phenanthrene (C19.36)	10.873	1857303	11.339 ug/ml
10) T Anthracene (C19.43)	10.948	1783684	11.197 ug/ml
12) T Fluoranthene (C21.85)	12.687	1851495	11.391 ug/ml
13) T Pyrene (C20.8)	12.985	1699915	10.474 ug/ml
14) T Benzo[a]anthracene (C...	14.856	1849569	12.629 ug/ml
15) T Chrysene (C27.41)	14.899	2152528	14.463 ug/ml
16) T benzo[b]fluoranthene ...	16.406	1861681	13.139 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	1837394	13.744 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.784	1725555	12.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.149	1911999	15.266 ug/ml
20) T Dibenz[a,h]anthracene...	18.188	1914569	14.533 ug/ml
21) T Benzo[g,h,i]perylene ...	18.401	1631426	12.327 ug/ml

(f)=RT Delta > 1/2 Window

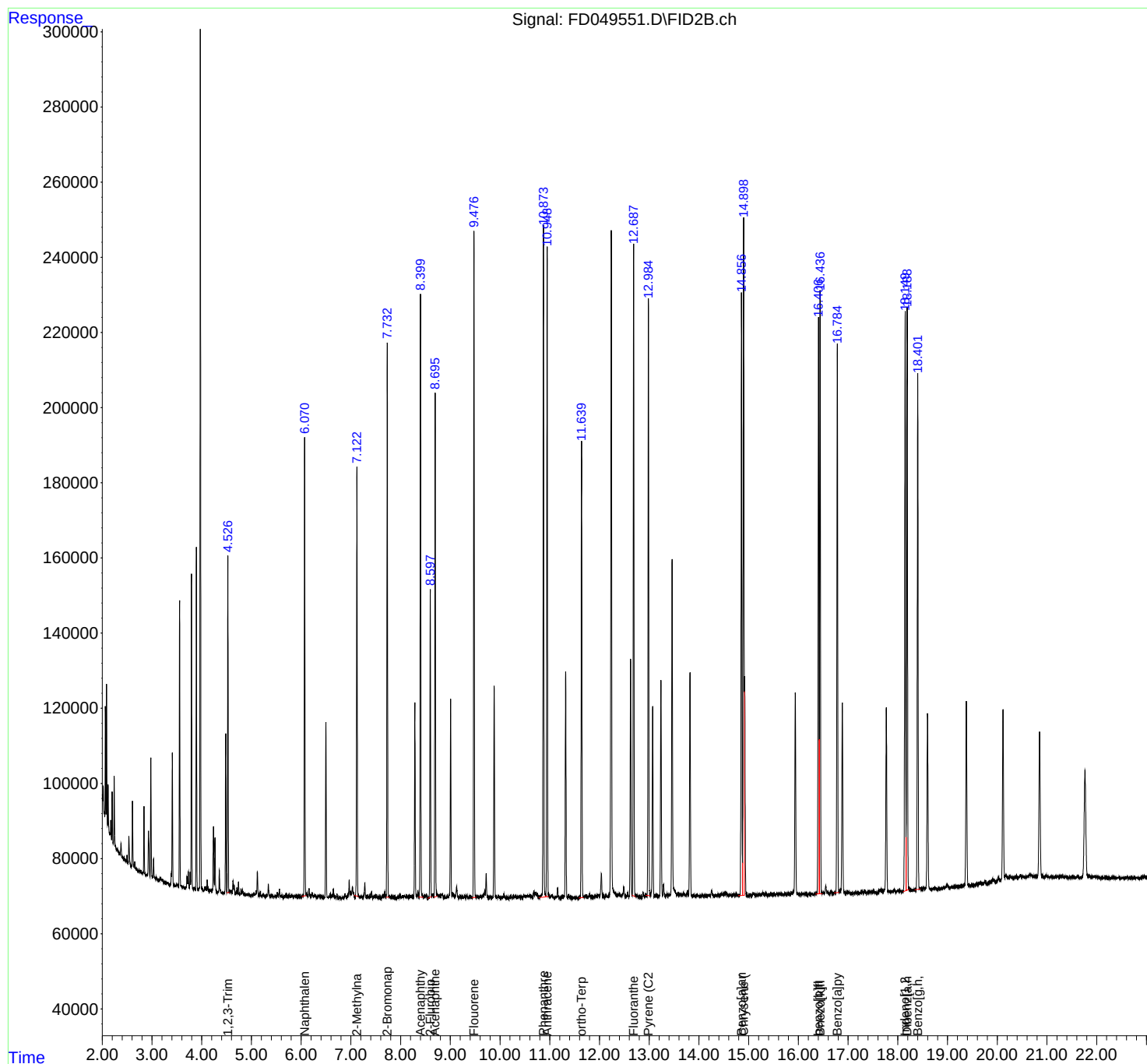
(m)=manual int.

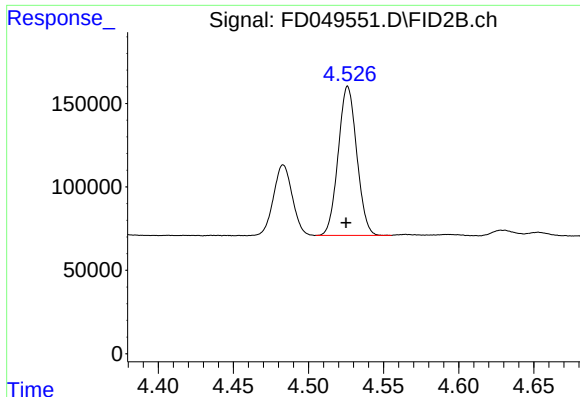
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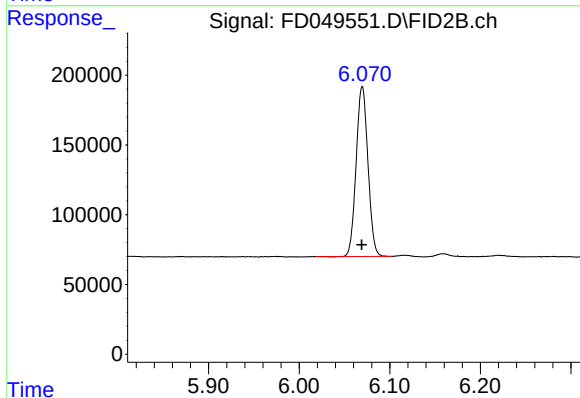




#1 1,2,3-Trimethylbenzene (C10.1)

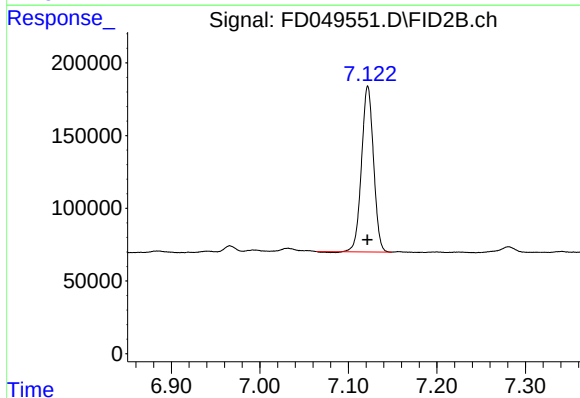
R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 768986
Conc: 5.95 ug/ml

Instrument :
FID_D
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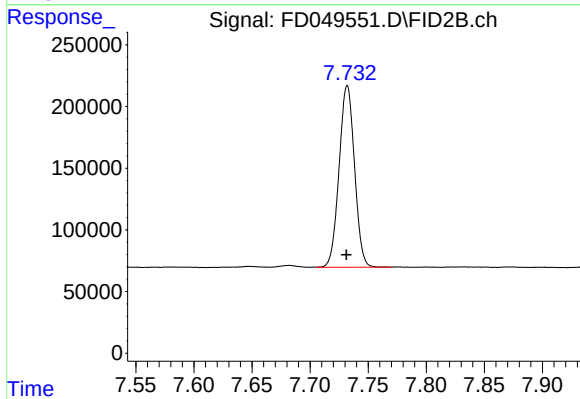
#2 Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 1102642
Conc: 7.53 ug/ml



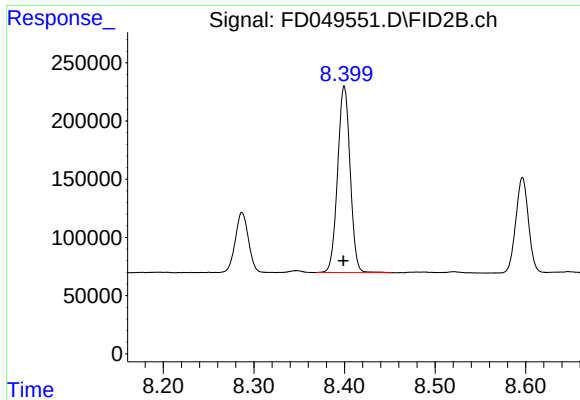
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 1071773
Conc: 7.06 ug/ml



#4 2-Bromonaphthalene (SURR)

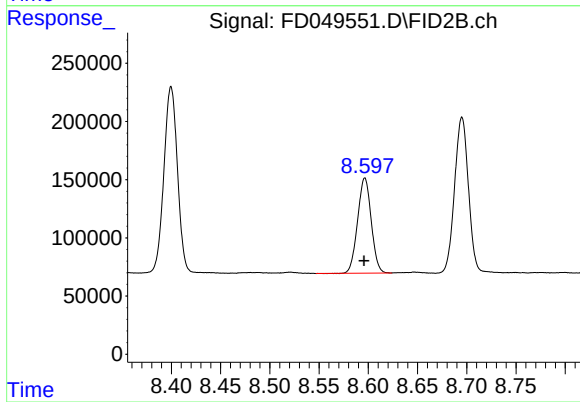
R.T.: 7.732 min
Delta R.T.: 0.000 min
Response: 1362615
Conc: 10.41 ug/ml



#5 Acenaphthylene (C15.06)

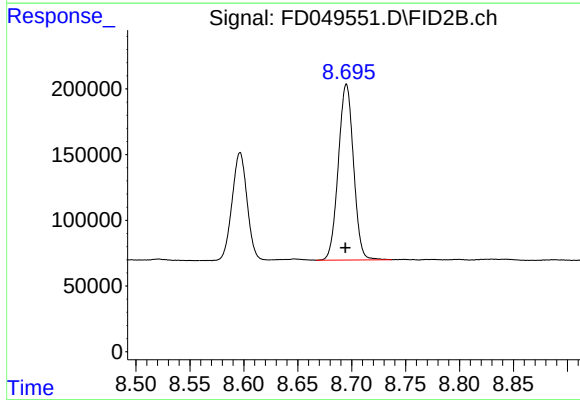
R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 1542490
Conc: 9.72 ug/ml

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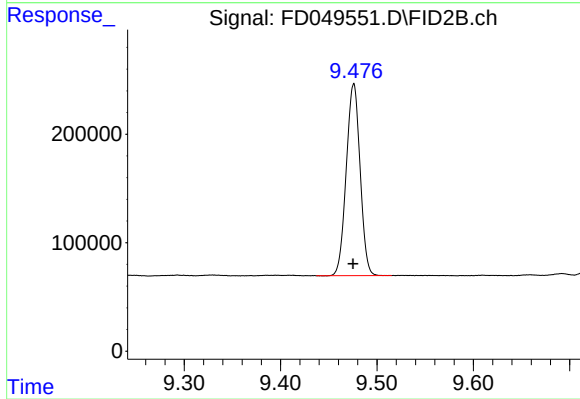
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 785622
Conc: 8.48 ug/ml



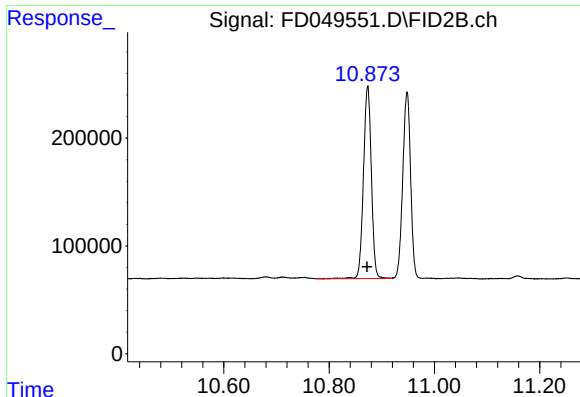
#7 Acenaphthene (C15.5)

R.T.: 8.695 min
Delta R.T.: 0.001 min
Response: 1312091
Conc: 8.29 ug/ml



#8 Flouorene (C16.55)

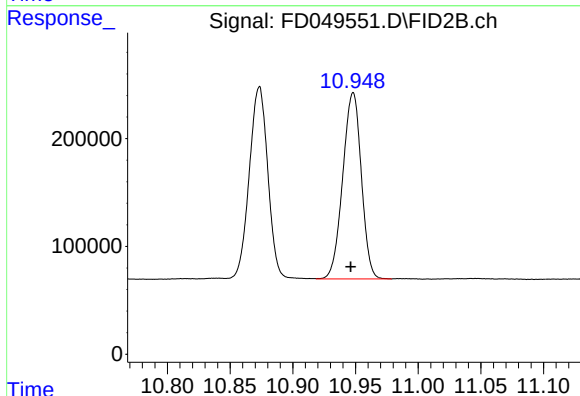
R.T.: 9.476 min
Delta R.T.: 0.000 min
Response: 1754881
Conc: 10.99 ug/ml



#9 Phenanthrene (C19.36)

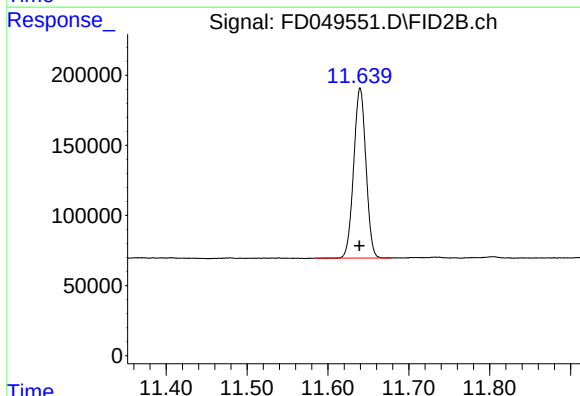
R.T.: 10.873 min
Delta R.T.: 0.001 min
Response: 1857303
Conc: 11.34 ug/ml

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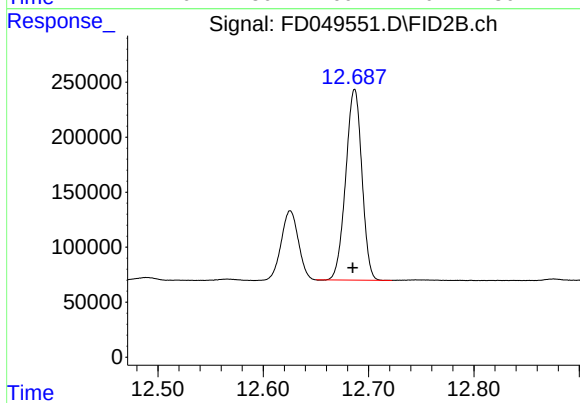
#10 Anthracene (C19.43)

R.T.: 10.948 min
Delta R.T.: 0.002 min
Response: 1783684
Conc: 11.20 ug/ml



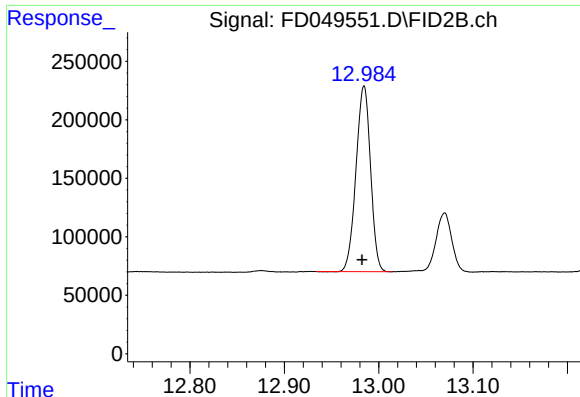
#11 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: 0.001 min
Response: 1276799
Conc: 7.79 ug/ml



#12 Fluoranthene (C21.85)

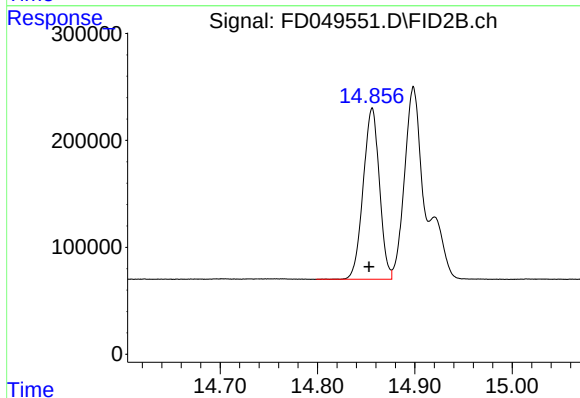
R.T.: 12.687 min
Delta R.T.: 0.002 min
Response: 1851495
Conc: 11.39 ug/ml



#13 Pyrene (C20.8)

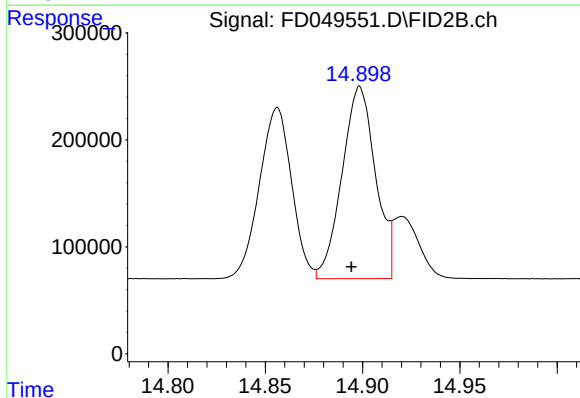
R.T.: 12.985 min
Delta R.T.: 0.002 min
Response: 1699915
Conc: 10.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168879BSD



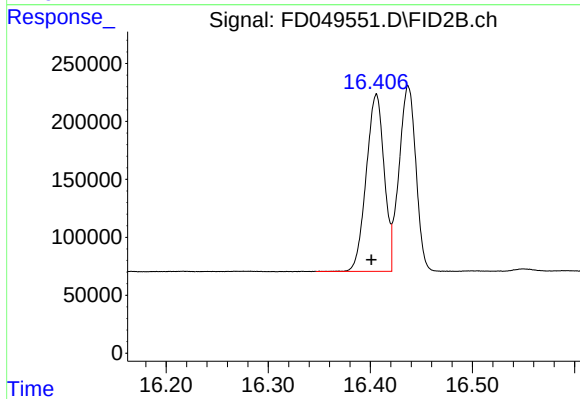
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.856 min
Delta R.T.: 0.003 min
Response: 1849569
Conc: 12.63 ug/ml



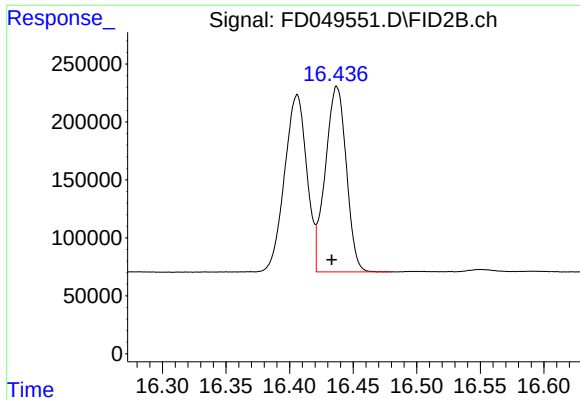
#15 Chrysene (C27.41)

R.T.: 14.899 min
Delta R.T.: 0.004 min
Response: 2152528
Conc: 14.46 ug/ml



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

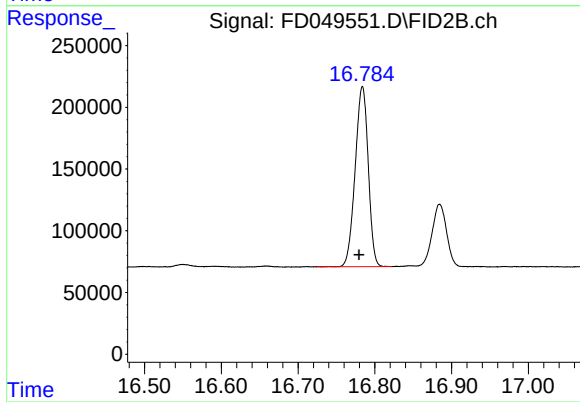
R.T.: 16.406 min
Delta R.T.: 0.005 min
Response: 1861681
Conc: 13.14 ug/ml



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

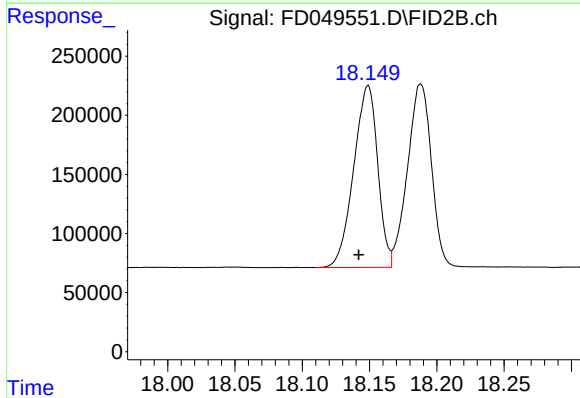
R.T.: 16.437 min
Delta R.T.: 0.004 min
Response: 1837394
Conc: 13.74 ug/ml

Instrument :
FID_D
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PB168879BSD



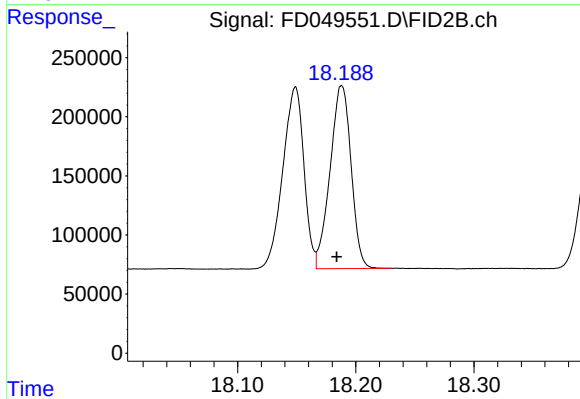
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.784 min
Delta R.T.: 0.005 min
Response: 1725555
Conc: 12.53 ug/ml



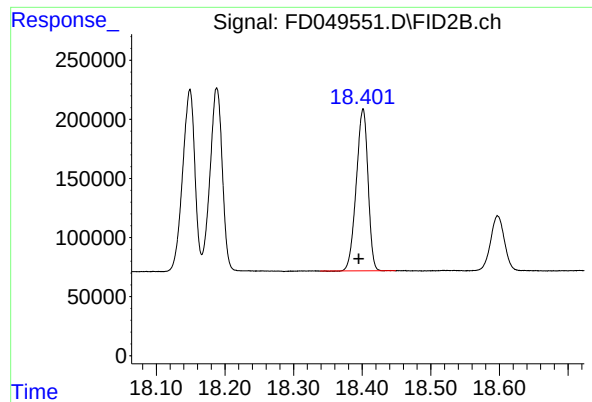
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.149 min
Delta R.T.: 0.007 min
Response: 1911999
Conc: 15.27 ug/ml



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

R.T.: 18.188 min
Delta R.T.: 0.004 min
Response: 1914569
Conc: 14.53 ug/ml



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

R.T.: 18.401 min
Delta R.T.: 0.006 min
Response: 1631426
Conc: 12.33 ug/ml

Instrument :

FID_D

ClientSampleId :

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