

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
 Data File : FD049541.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2025 11:20
 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: Jul 15 11:46:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 11:46:49 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...	7.733	1331110	10.085 ug/ml
Spiked Amount 50.000		Recovery =	20.17%
6) S 2-Fluorobiphenyl (SURR)	8.597	944217	10.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.18%
11) S ortho-Terphenyl (SURR)	11.639	1696094	10.303 ug/ml
Spiked Amount 50.000		Recovery =	20.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	1313376	10.110 ug/ml
2) T Naphthalene (C11.7)	6.071	1483595	10.052 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	1540732	10.052 ug/ml
5) T Acenaphthylene (C15.06)	8.400	1623051	10.152 ug/ml
7) T Acenaphthene (C15.5)	8.696	1619398	10.153 ug/ml
8) T Flouorene (C16.55)	9.476	1636908	10.174 ug/ml
9) T Phenanthrene (C19.36)	10.873	1685110	10.207 ug/ml
10) T Anthracene (C19.43)	10.947	1639412	10.179 ug/ml
12) T Fluoranthene (C21.85)	12.685	1674231	10.218 ug/ml
13) T Pyrene (C20.8)	12.982	1669755	10.212 ug/ml
14) T Benzo[a]anthracene (C...	14.853	1490031	10.043 ug/ml
15) T Chrysene (C27.41)	14.895	1512963	10.077 ug/ml
16) T benzo[b]fluoranthene ...	16.403	1442916	10.096 ug/ml
17) T Bnezo[k]fluoranthene ...	16.435	1368187	10.176 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.781	1407620	10.145 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.144	1275059	10.120 ug/ml
20) T Dibenz[a,h]anthracene...	18.185	1372351	10.536 ug/ml
21) T Benzo[g,h,i]perylene ...	18.399	1359173	10.254 ug/ml

(f)=RT Delta > 1/2 Window

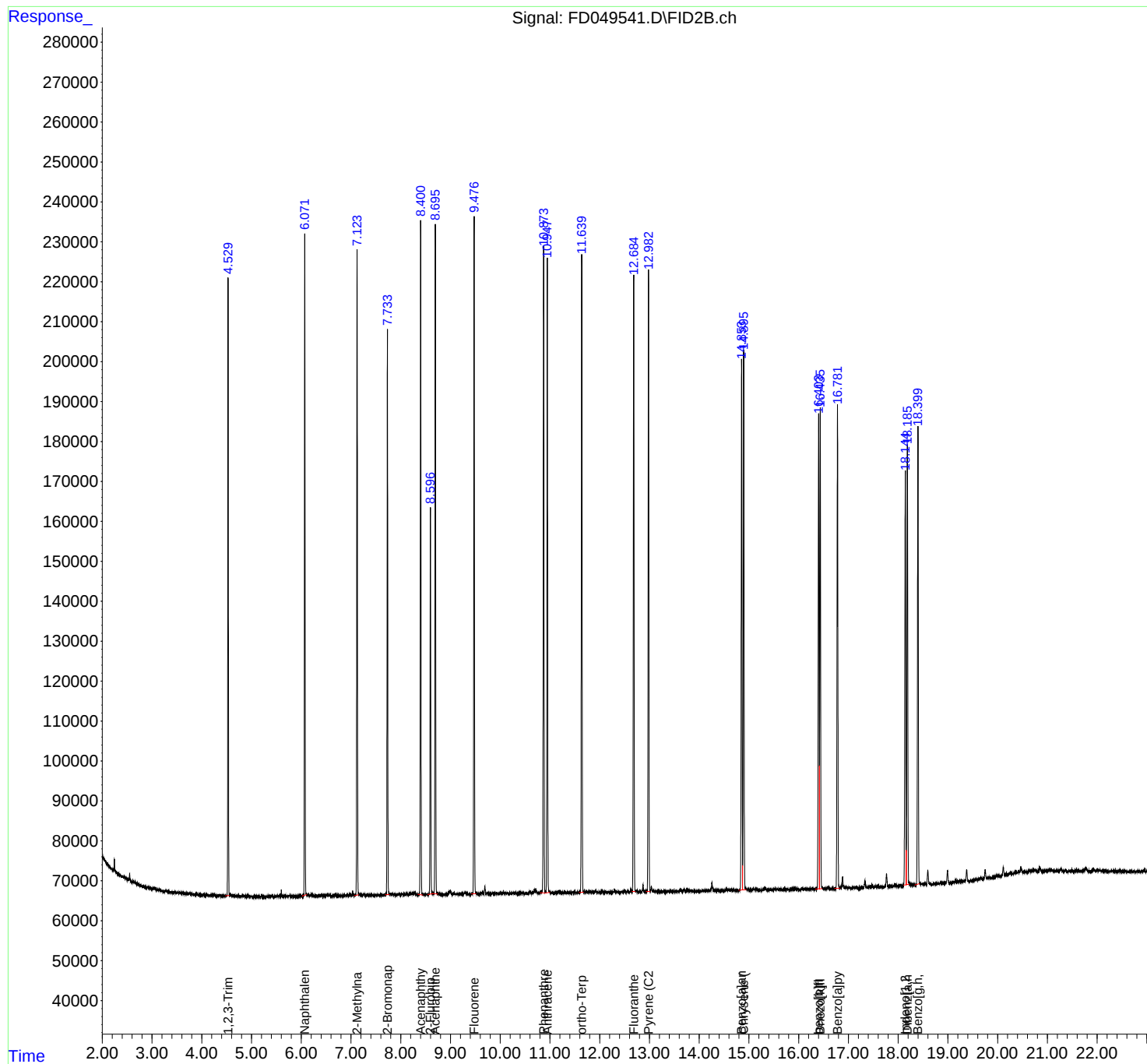
(m)=manual int.

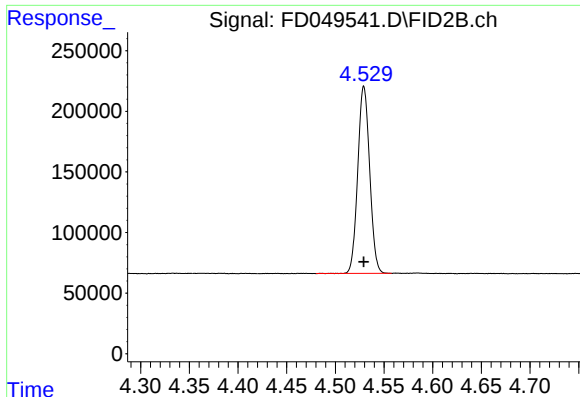
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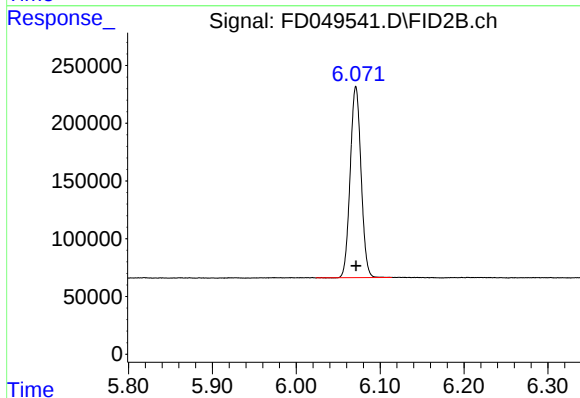




#1 1,2,3-Trimethylbenzene (C10.1)

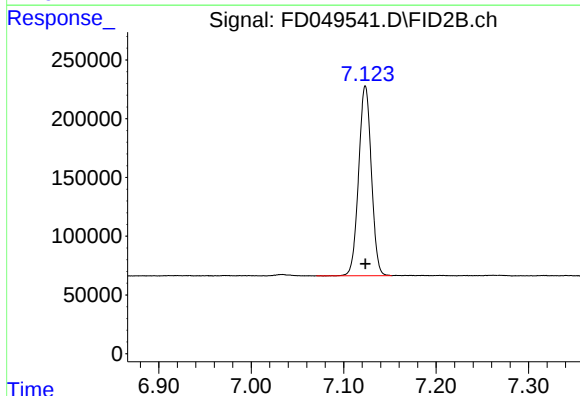
R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 1313376
Conc: 10.11 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



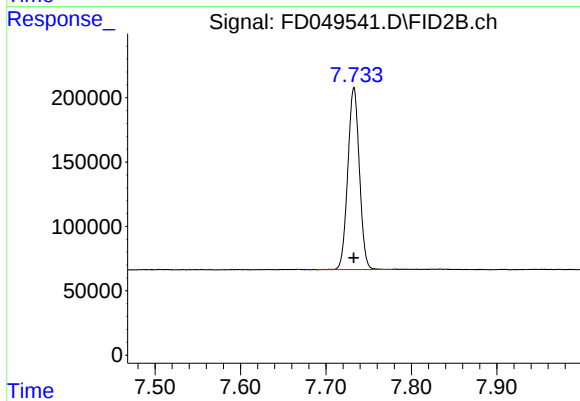
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 1483595
Conc: 10.05 ug/ml



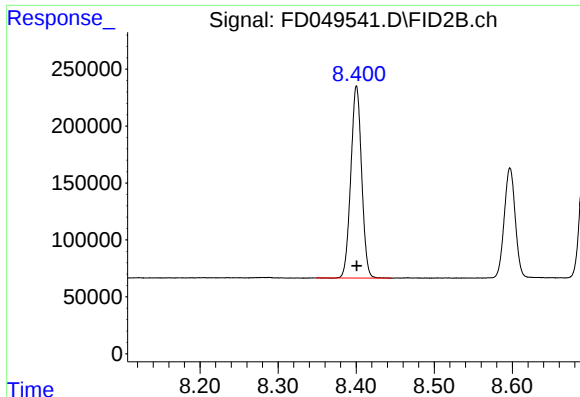
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 1540732
Conc: 10.05 ug/ml



#4 2-Bromonaphthalene (SURR)

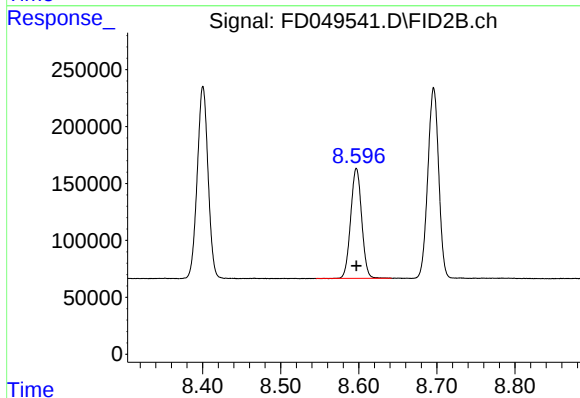
R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 1331110
Conc: 10.08 ug/ml



#5 Acenaphthylene (C15.06)

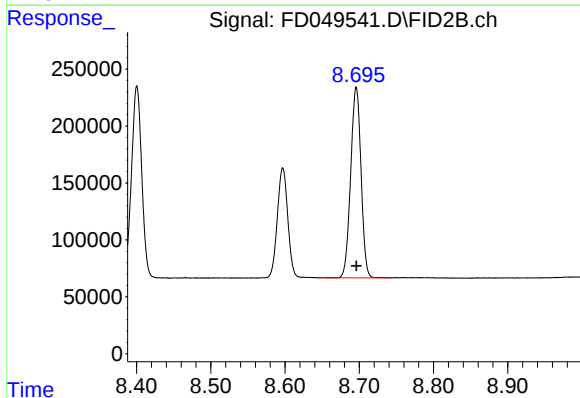
R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 1623051
Conc: 10.15 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



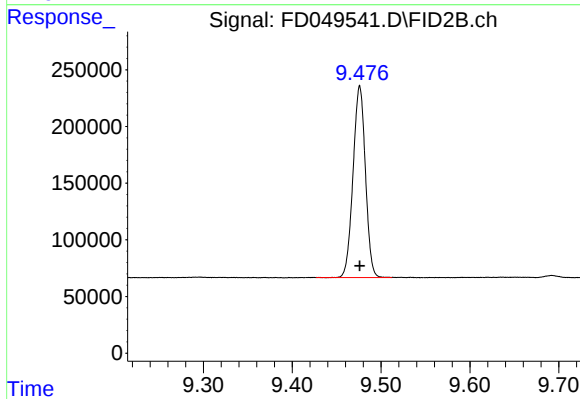
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 944217
Conc: 10.09 ug/ml



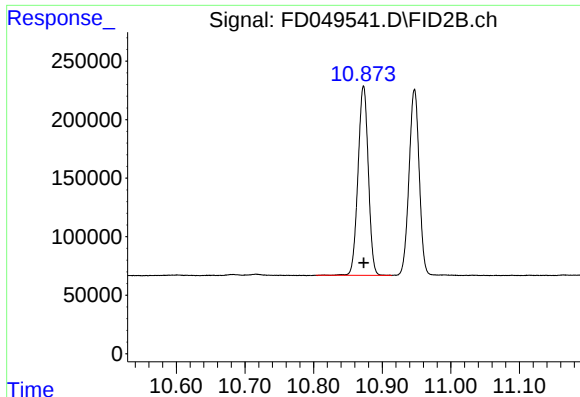
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 1619398
Conc: 10.15 ug/ml



#8 Fluorene (C16.55)

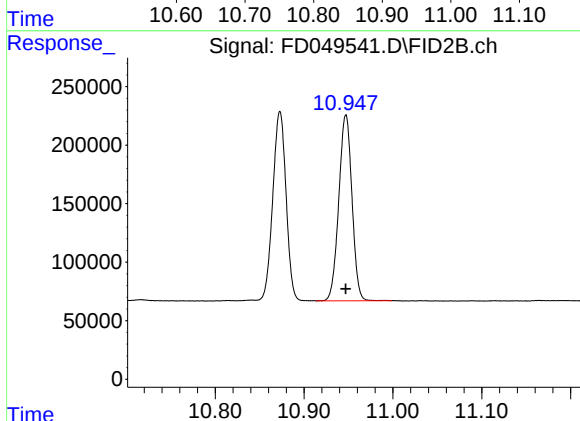
R.T.: 9.476 min
Delta R.T.: 0.000 min
Response: 1636908
Conc: 10.17 ug/ml



#9 Phenanthrene (C19.36)

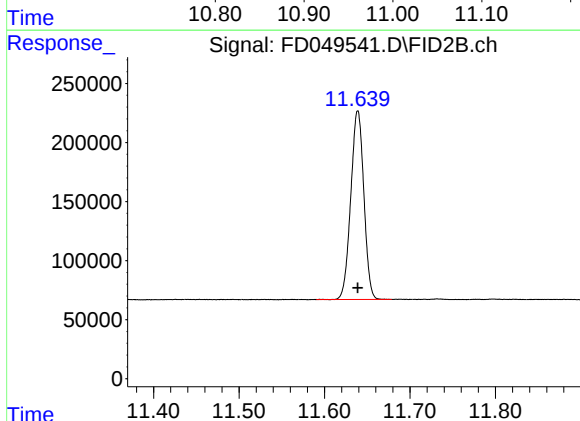
R.T.: 10.873 min
Delta R.T.: 0.000 min
Response: 1685110
Conc: 10.21 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



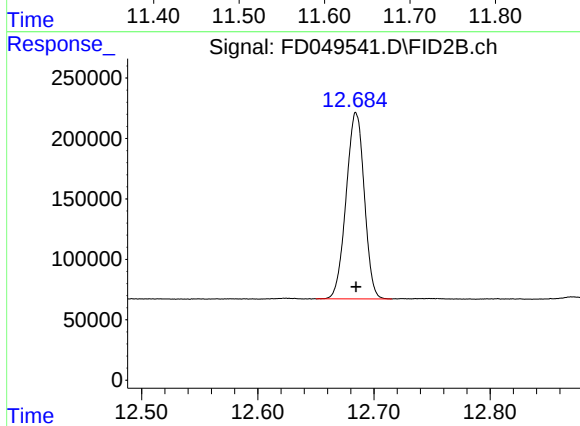
#10 Anthracene (C19.43)

R.T.: 10.947 min
Delta R.T.: 0.000 min
Response: 1639412
Conc: 10.18 ug/ml



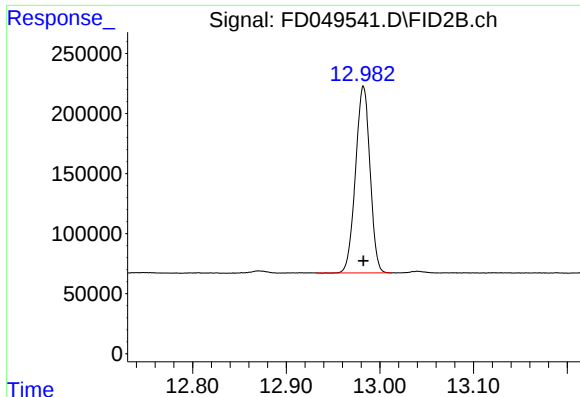
#11 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 1696094
Conc: 10.30 ug/ml



#12 Fluoranthene (C21.85)

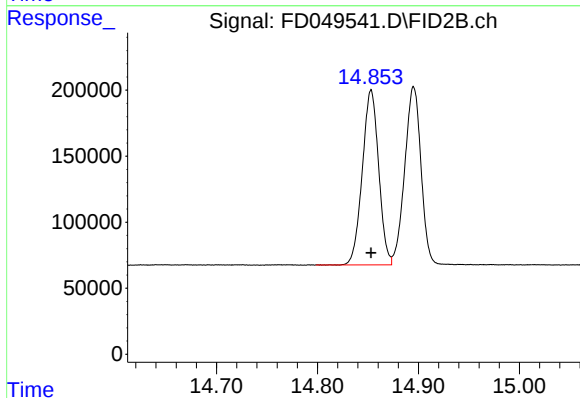
R.T.: 12.685 min
Delta R.T.: 0.000 min
Response: 1674231
Conc: 10.22 ug/ml



#13 Pyrene (C20.8)

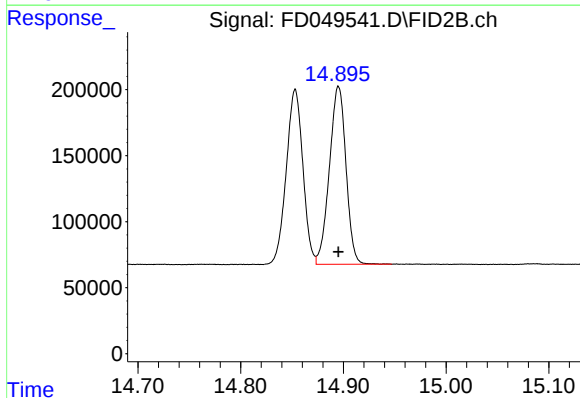
R.T.: 12.982 min
Delta R.T.: 0.000 min
Response: 1669755
Conc: 10.21 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



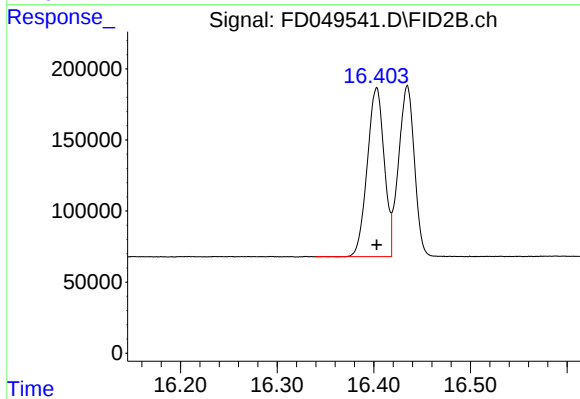
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.853 min
Delta R.T.: 0.000 min
Response: 1490031
Conc: 10.04 ug/ml



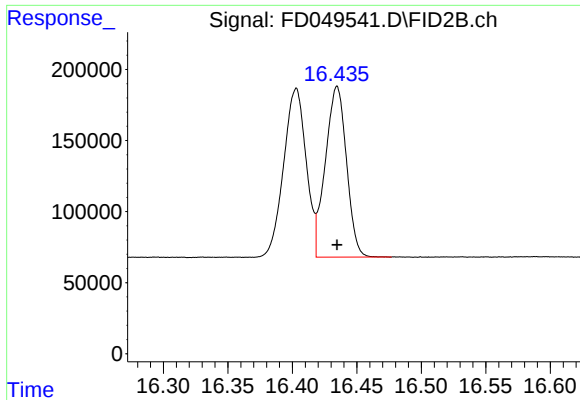
#15 Chrysene (C27.41)

R.T.: 14.895 min
Delta R.T.: 0.000 min
Response: 1512963
Conc: 10.08 ug/ml



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

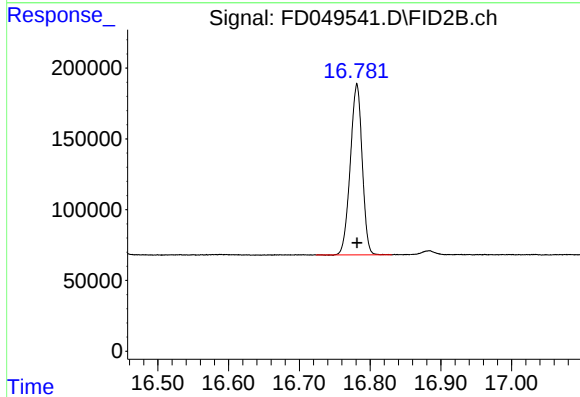
R.T.: 16.403 min
Delta R.T.: 0.000 min
Response: 1442916
Conc: 10.10 ug/ml



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

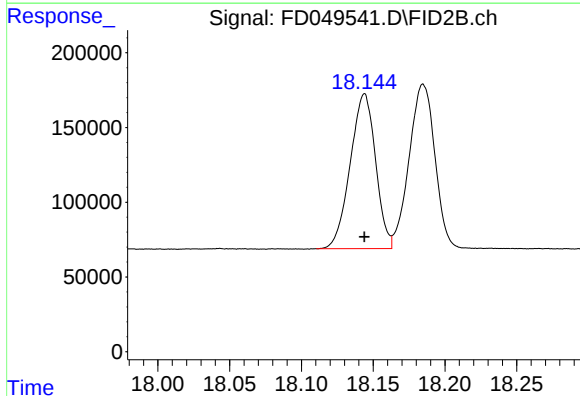
R.T.: 16.435 min
Delta R.T.: 0.000 min
Response: 1368187
Conc: 10.18 ug/ml

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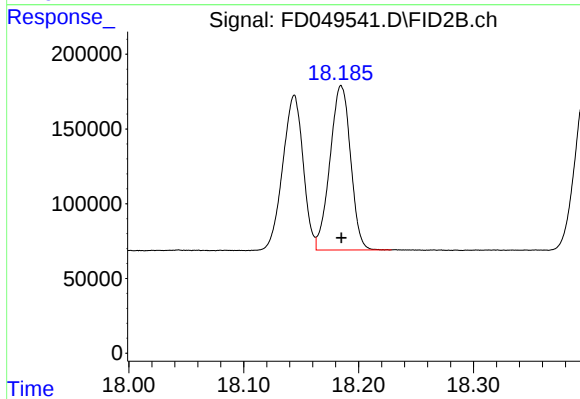
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 1407620
Conc: 10.15 ug/ml



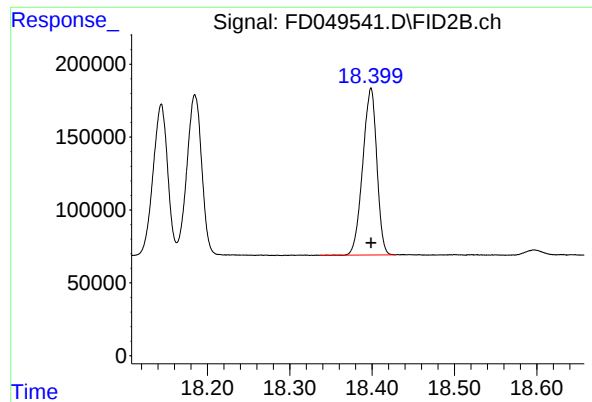
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.144 min
Delta R.T.: 0.000 min
Response: 1275059
Conc: 10.12 ug/ml



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

R.T.: 18.185 min
Delta R.T.: 0.000 min
Response: 1372351
Conc: 10.54 ug/ml



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

R.T.: 18.399 min
Delta R.T.: 0.000 min
Response: 1359173
Conc: 10.25 ug/ml

Instrument :
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