

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081125AR\
 Data File : FD049608.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2025 12:51
 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: Aug 11 13:20:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 13:20:05 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...	7.714	1068284	10.307 ug/ml
Spiked Amount 50.000		Recovery =	20.61%
6) S 2-Fluorobiphenyl (SURR)	8.578	754720	10.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.42%
11) S ortho-Terphenyl (SURR)	11.624	1353873	10.368 ug/ml
Spiked Amount 50.000		Recovery =	20.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	1067057	10.494 ug/ml
2) T Naphthalene (C11.7)	6.051	1192429	10.324 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	1240342	10.292 ug/ml
5) T Acenaphthylene (C15.06)	8.382	1305549	10.305 ug/ml
7) T Acenaphthene (C15.5)	8.677	1308639	10.324 ug/ml
8) T Flouorene (C16.55)	9.459	1317291	10.296 ug/ml
9) T Phenanthrene (C19.36)	10.857	1346915	10.286 ug/ml
10) T Anthracene (C19.43)	10.931	1285725	10.275 ug/ml
12) T Fluoranthene (C21.85)	12.669	1323090	10.203 ug/ml
13) T Pyrene (C20.8)	12.967	1307166	10.163 ug/ml
14) T Benzo[a]anthracene (C...	14.837	1177863	10.085 ug/ml
15) T Chrysene (C27.41)	14.879	1195016	10.095 ug/ml
16) T benzo[b]fluoranthene ...	16.387	1167896	10.223 ug/ml
17) T Bnezo[k]fluoranthene ...	16.419	1101425	10.257 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.766	1147311	10.298 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.129	1064699	10.278 ug/ml
20) T Dibenz[a,h]anthracene...	18.170	1136118	10.618 ug/ml
21) T Benzo[g,h,i]perylene ...	18.383	1140495	10.426 ug/ml

(f)=RT Delta > 1/2 Window

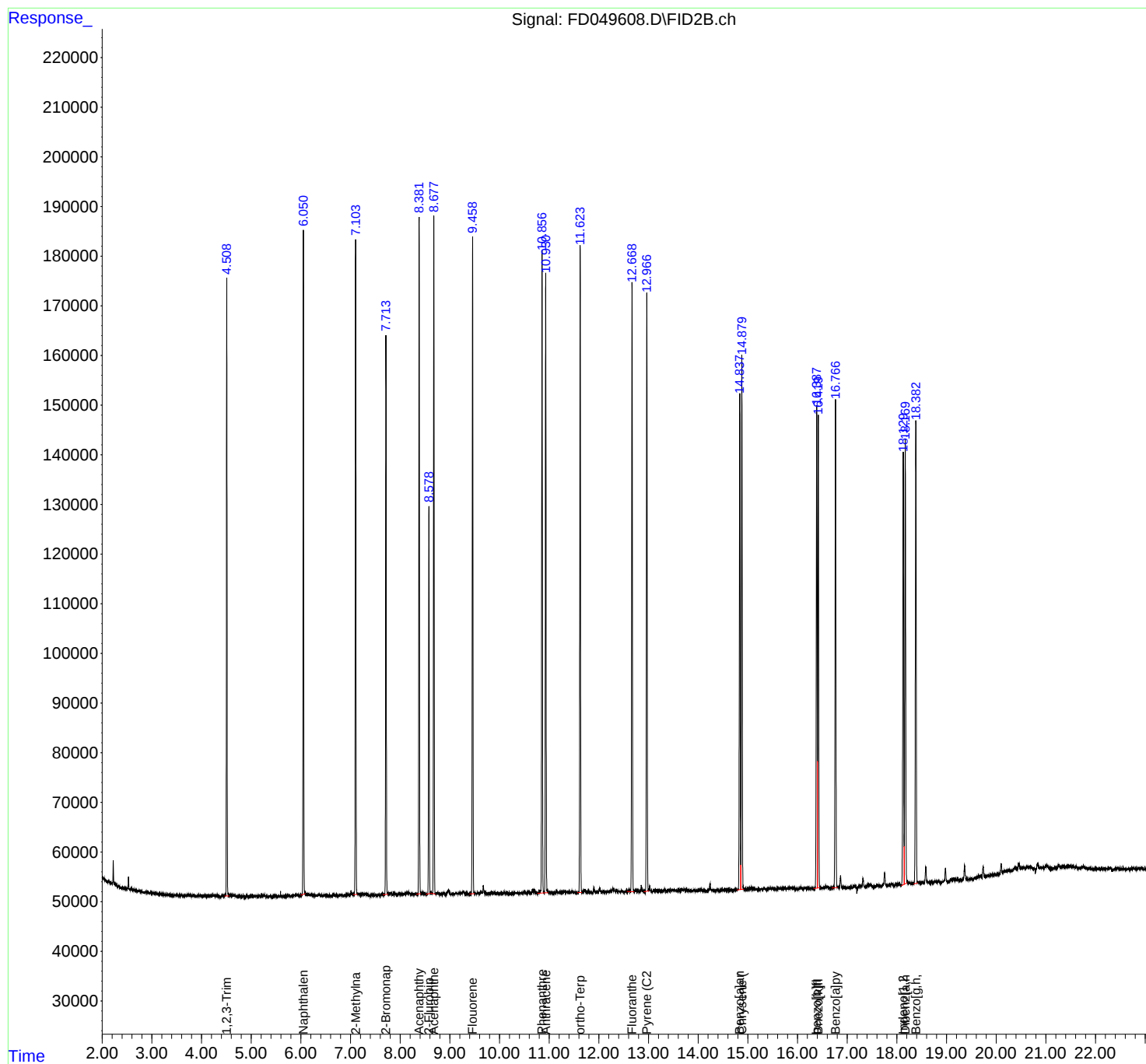
(m)=manual int.

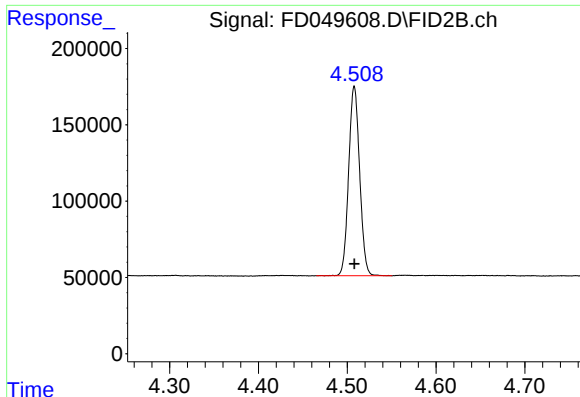
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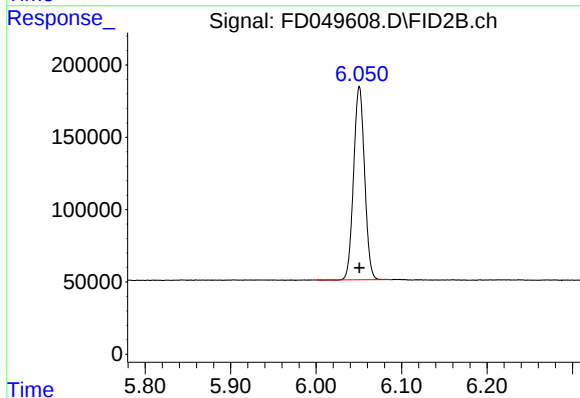




#1 1,2,3-Trimethylbenzene (C10.1)

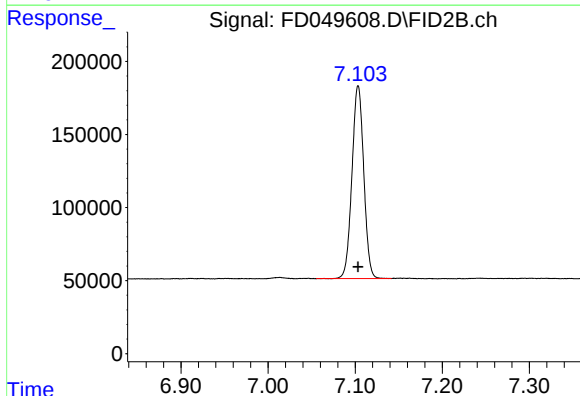
R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 1067057
Conc: 10.49 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



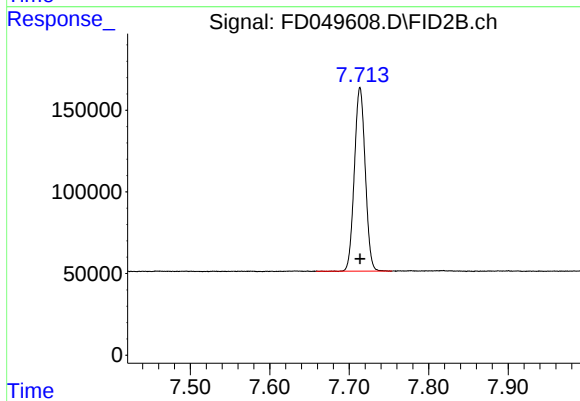
#2 Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 1192429
Conc: 10.32 ug/ml



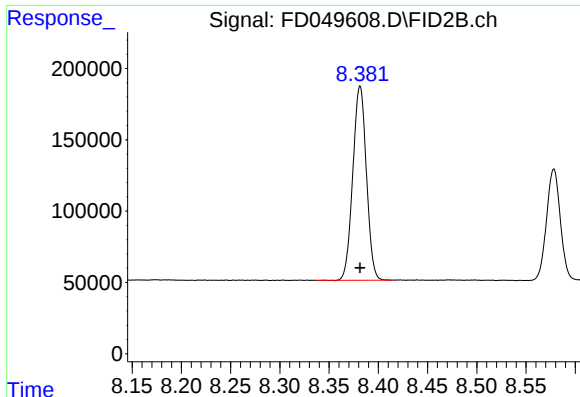
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 1240342
Conc: 10.29 ug/ml



#4 2-Bromonaphthalene (SURR)

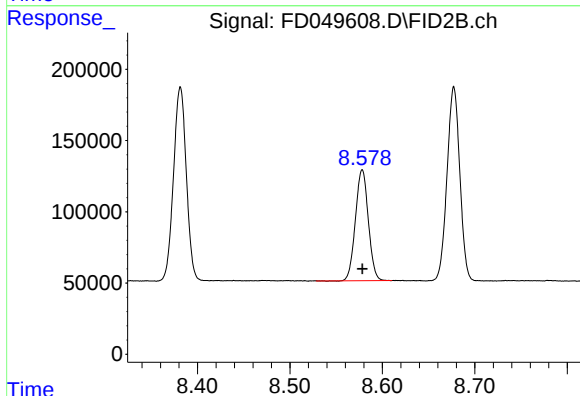
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 1068284
Conc: 10.31 ug/ml



#5 Acenaphthylene (C15.06)

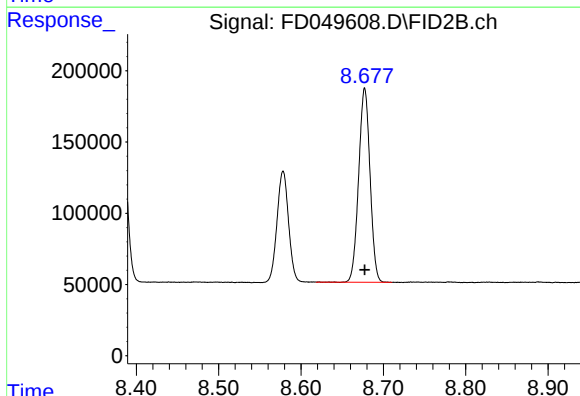
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 1305549
Conc: 10.30 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



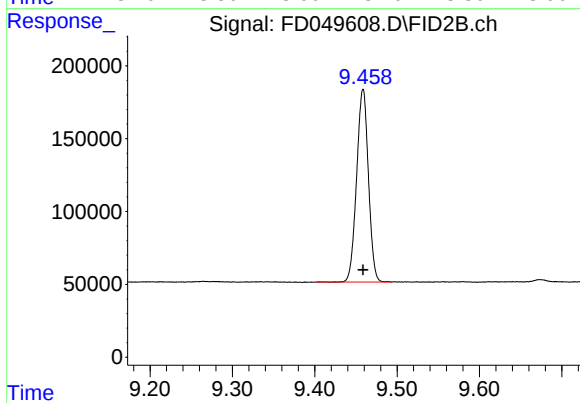
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 754720
Conc: 10.21 ug/ml



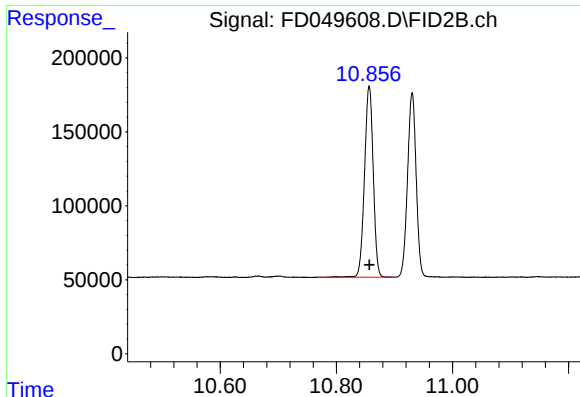
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 1308639
Conc: 10.32 ug/ml



#8 Flouorene (C16.55)

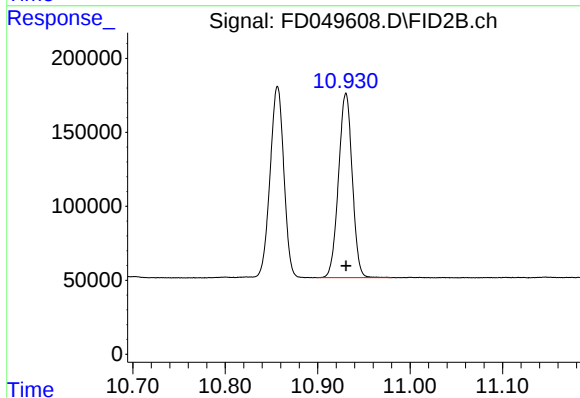
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 1317291
Conc: 10.30 ug/ml



#9 Phenanthrene (C19.36)

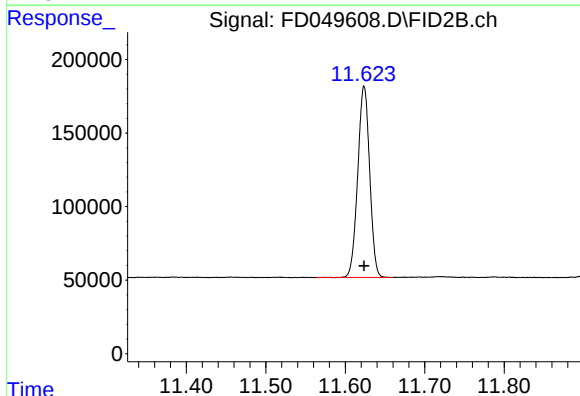
R.T.: 10.857 min
Delta R.T.: 0.000 min
Response: 1346915
Conc: 10.29 ug/ml

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10 PPM AROMATIC HC STD4



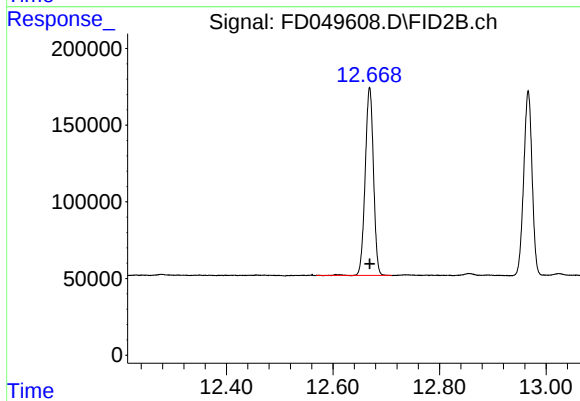
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.000 min
Response: 1285725
Conc: 10.28 ug/ml



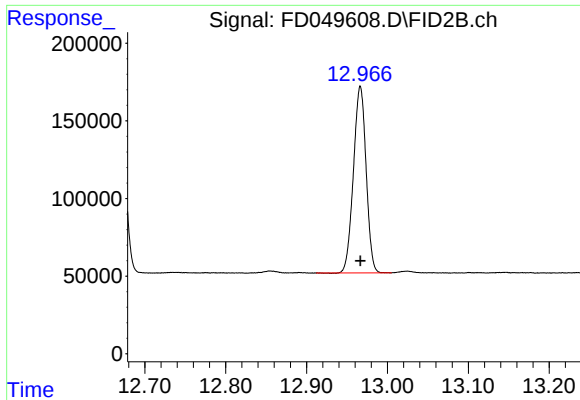
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 1353873
Conc: 10.37 ug/ml



#12 Fluoranthene (C21.85)

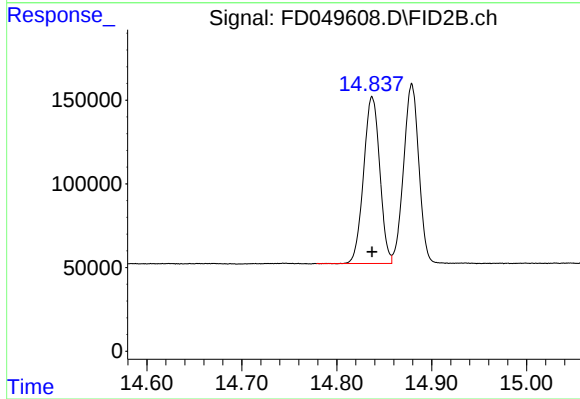
R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 1323090
Conc: 10.20 ug/ml



#13 Pyrene (C20.8)

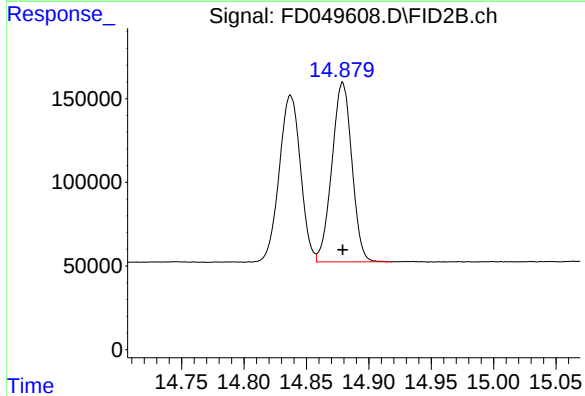
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 1307166
Conc: 10.16 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



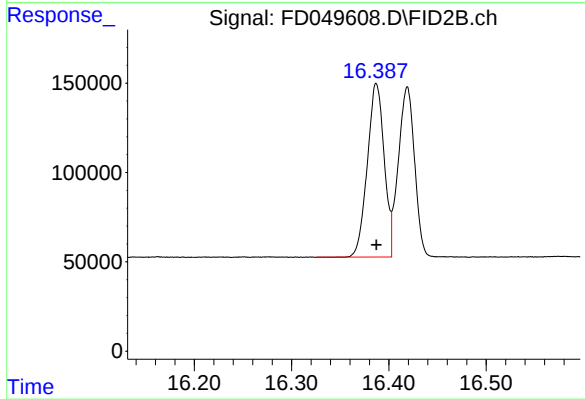
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.837 min
Delta R.T.: 0.000 min
Response: 1177863
Conc: 10.08 ug/ml



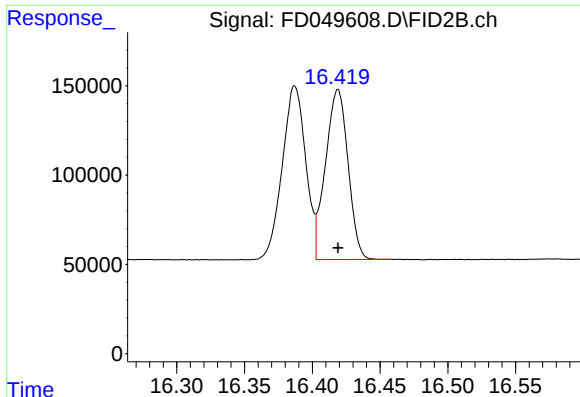
#15 Chrysene (C27.41)

R.T.: 14.879 min
Delta R.T.: 0.000 min
Response: 1195016
Conc: 10.09 ug/ml



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

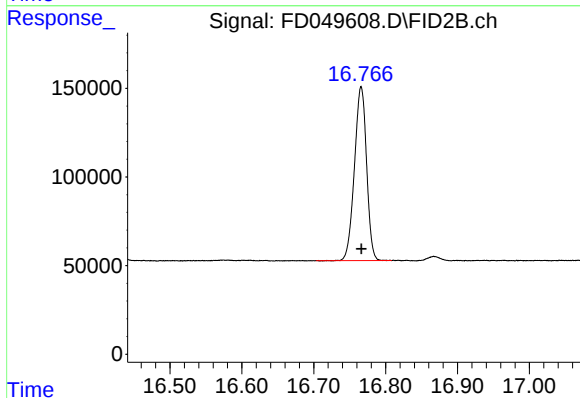
R.T.: 16.387 min
Delta R.T.: 0.000 min
Response: 1167896
Conc: 10.22 ug/ml



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

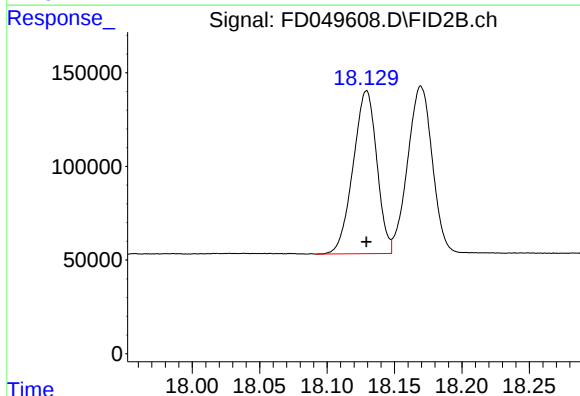
R.T.: 16.419 min
Delta R.T.: 0.000 min
Response: 1101425
Conc: 10.26 ug/ml

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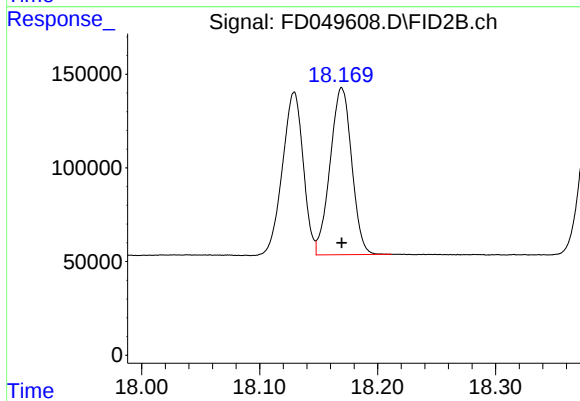
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 1147311
Conc: 10.30 ug/ml



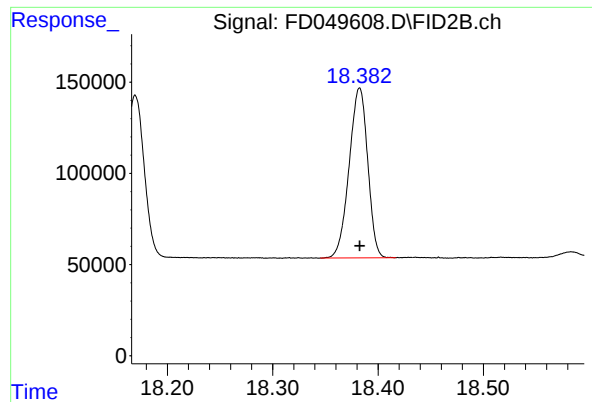
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.129 min
Delta R.T.: 0.000 min
Response: 1064699
Conc: 10.28 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.000 min
Response: 1136118
Conc: 10.62 ug/ml



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

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 1140495
Conc: 10.43 ug/ml

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