

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049327.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 18:31
 Operator : YP/AJ
 Sample : Q1901-03
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-170-SB01

Integration File: autoint1.e
 Quant Time: May 09 09:20:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.742	7294212	61.518 ug/ml
Spiked Amount 50.000		Recovery =	123.04%
6) S 2-Fluorobiphenyl (SURR)	8.608	5025132	63.632 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.26%
11) S ortho-Terphenyl (SURR)	11.652	5845951	42.356 ug/ml
Spiked Amount 50.000		Recovery =	84.71%
Target Compounds			
2) T Naphthalene (C11.7)	6.076	333848	2.525 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	203248	1.576 ug/ml
7) T Acenaphthene (C15.5)	8.703	537230	3.921 ug/ml
8) T Flouorene (C16.55)	9.483	603210	4.432 ug/ml
9) T Phenanthrene (C19.36)	10.887	5836702	43.292 ug/ml
10) T Anthracene (C19.43)	10.956	1233583	10.430 ug/ml
12) T Fluoranthene (C21.85)	12.701	5328042	39.536 ug/ml
13) T Pyrene (C20.8)	12.997	4165971	30.796 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2055027	17.941 ug/ml
15) T Chrysene (C27.41)	14.907	1853619	15.882 ug/ml
16) T benzo[b]fluoranthene ...	16.417	1908902	15.726 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	635169	5.326 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	1456297	12.665 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.156	1000448	9.116 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	254948	2.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	826382	6.934 ug/ml

(f)=RT Delta > 1/2 Window

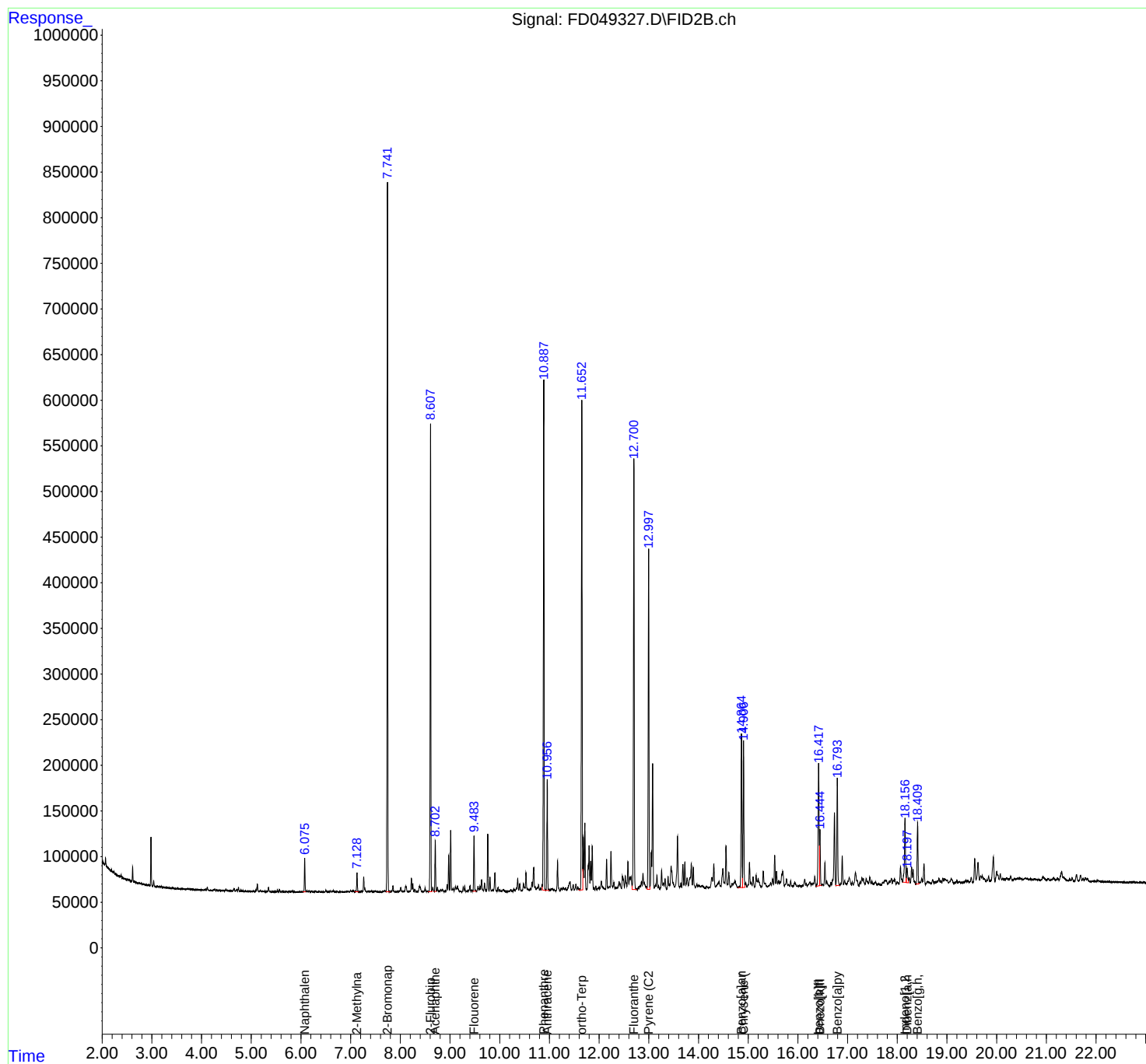
(m)=manual int.

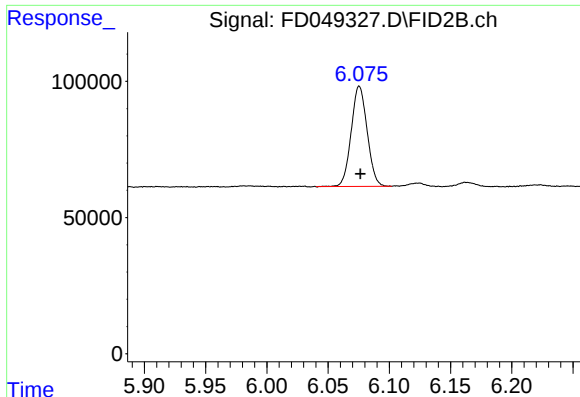
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
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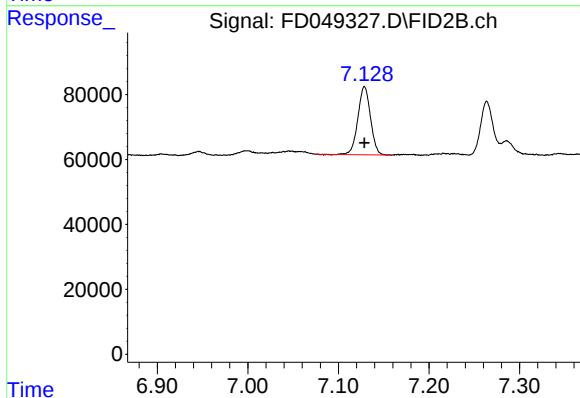




#2 Naphthalene (C11.7)

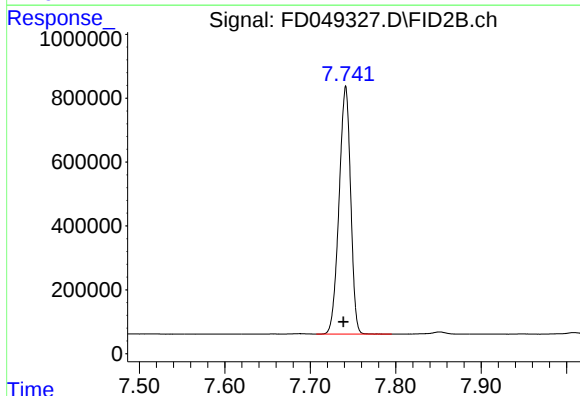
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 333848
Conc: 2.53 ug/ml

Instrument :
FID_D
ClientSampleId :
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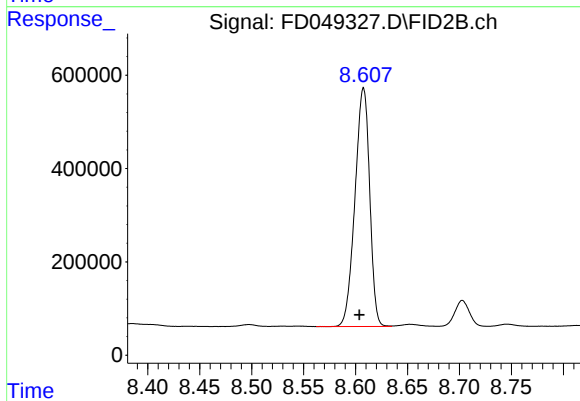
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 203248
Conc: 1.58 ug/ml



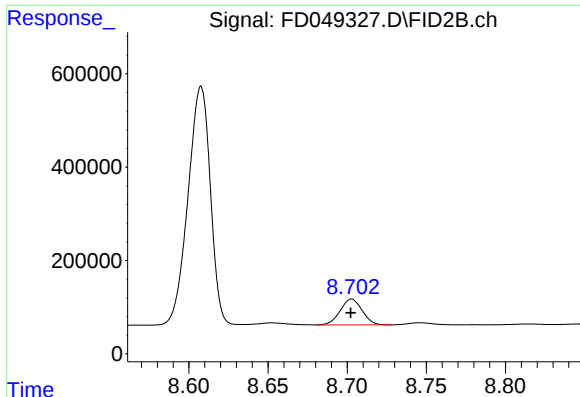
#4 2-Bromonaphthalene (SURR)

R.T.: 7.742 min
Delta R.T.: 0.003 min
Response: 7294212
Conc: 61.52 ug/ml



#6 2-Fluorobiphenyl (SURR)

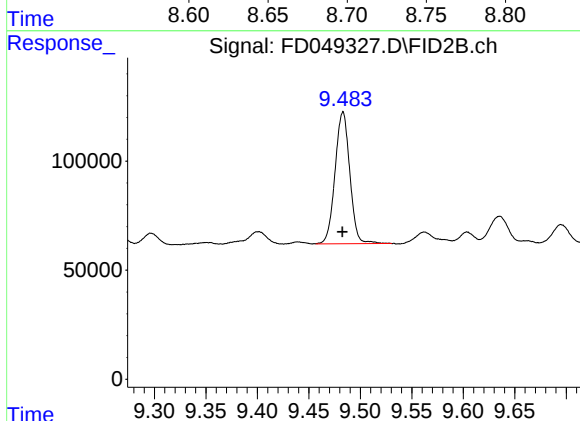
R.T.: 8.608 min
Delta R.T.: 0.004 min
Response: 5025132
Conc: 63.63 ug/ml



#7 Acenaphthene (C15.5)

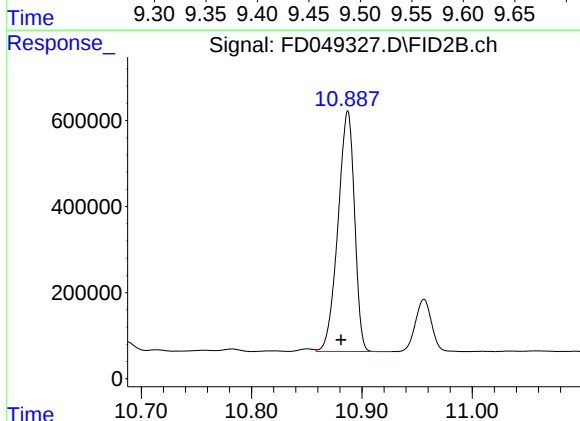
R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 537230
Conc: 3.92 ug/ml

Instrument :
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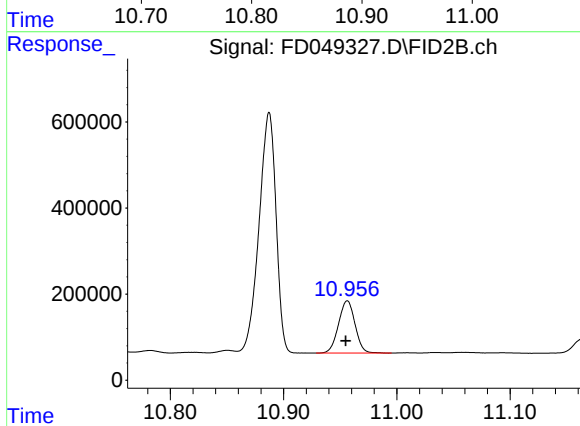
#8 Flouorene (C16.55)

R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 603210
Conc: 4.43 ug/ml



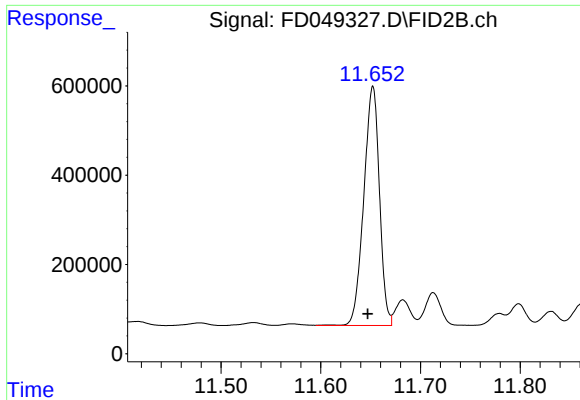
#9 Phenanthrene (C19.36)

R.T.: 10.887 min
Delta R.T.: 0.006 min
Response: 5836702
Conc: 43.29 ug/ml



#10 Anthracene (C19.43)

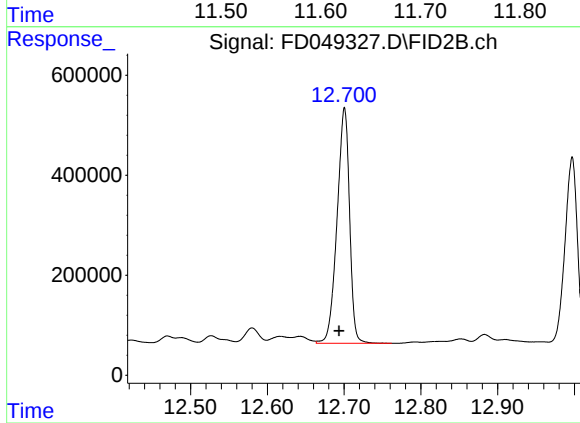
R.T.: 10.956 min
Delta R.T.: 0.001 min
Response: 1233583
Conc: 10.43 ug/ml



#11 ortho-Terphenyl (SURR)

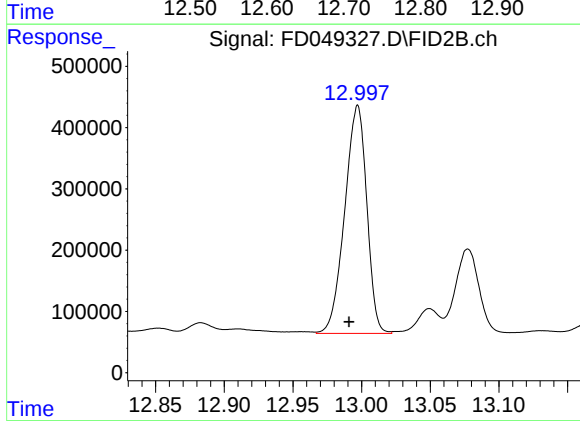
R.T.: 11.652 min
Delta R.T.: 0.005 min
Response: 5845951
Conc: 42.36 ug/ml

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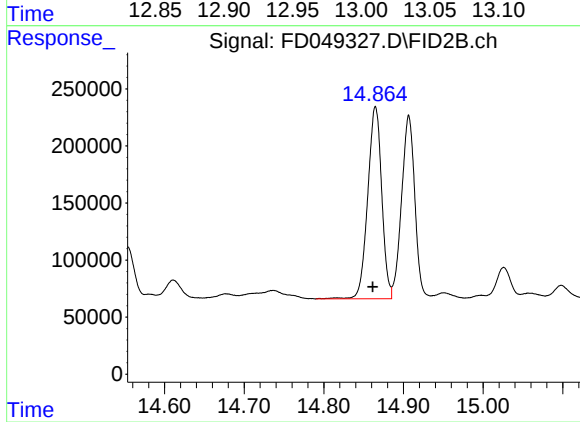
#12 Fluoranthene (C21.85)

R.T.: 12.701 min
Delta R.T.: 0.007 min
Response: 5328042
Conc: 39.54 ug/ml



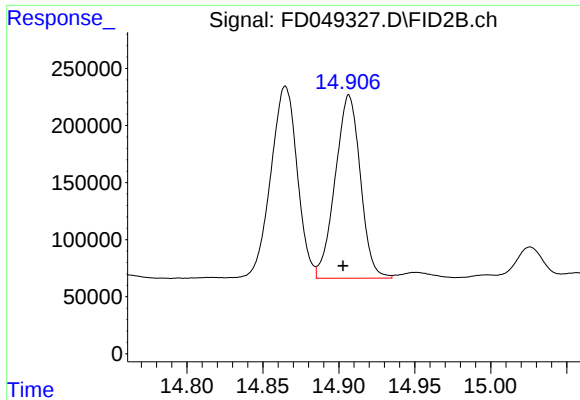
#13 Pyrene (C20.8)

R.T.: 12.997 min
Delta R.T.: 0.006 min
Response: 4165971
Conc: 30.80 ug/ml



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

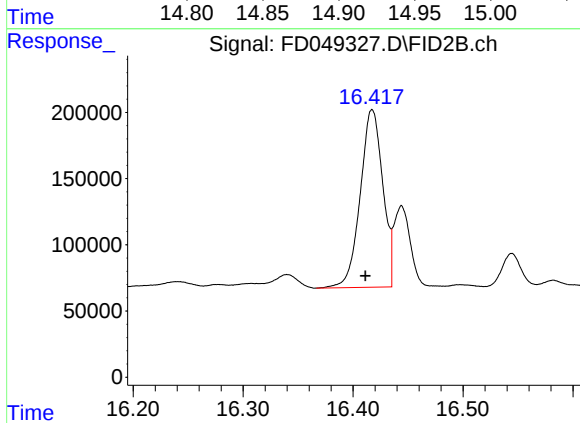
R.T.: 14.865 min
Delta R.T.: 0.003 min
Response: 2055027
Conc: 17.94 ug/ml



#15 Chrysene (C27.41)

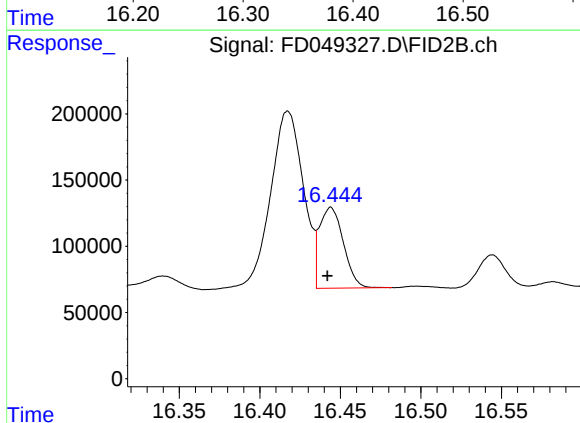
R.T.: 14.907 min
Delta R.T.: 0.004 min
Response: 1853619
Conc: 15.88 ug/ml

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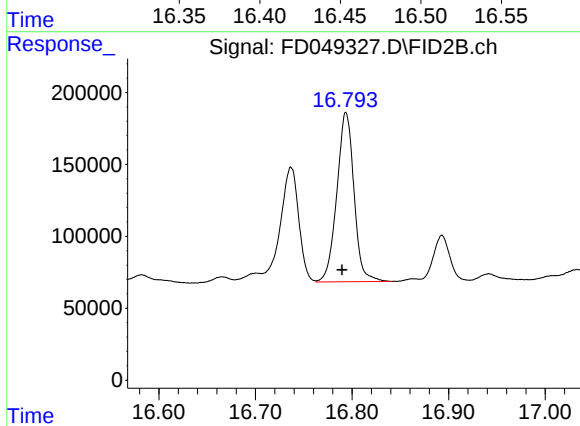
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 1908902
Conc: 15.73 ug/ml



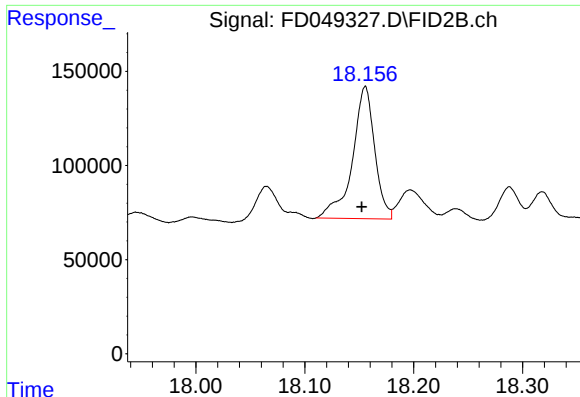
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.444 min
Delta R.T.: 0.002 min
Response: 635169
Conc: 5.33 ug/ml



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

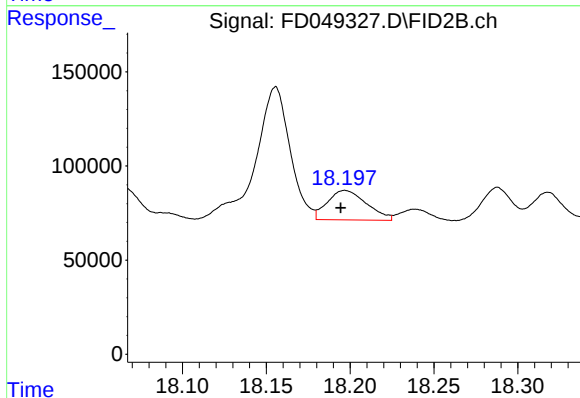
R.T.: 16.794 min
Delta R.T.: 0.004 min
Response: 1456297
Conc: 12.67 ug/ml



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

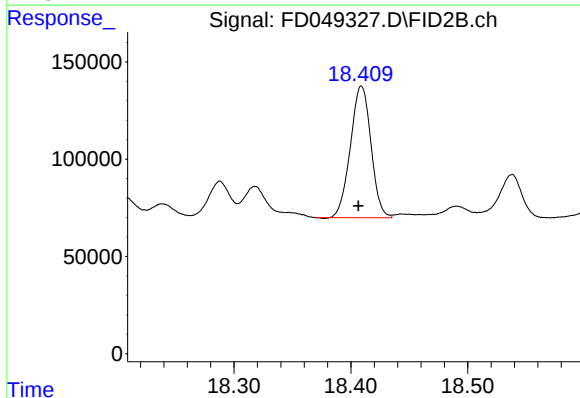
R.T.: 18.156 min
Delta R.T.: 0.003 min
Response: 1000448
Conc: 9.12 ug/ml

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

R.T.: 18.197 min
Delta R.T.: 0.003 min
Response: 254948
Conc: 2.41 ug/ml



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

R.T.: 18.409 min
Delta R.T.: 0.003 min
Response: 826382
Conc: 6.93 ug/ml