

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030424AR\
 Data File : FD047375.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2024 09:52
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 12:08:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 12:05:47 2024
 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...	7.468	15388774	96.271 ug/ml
Spiked Amount 50.000		Recovery =	192.54%
6) S 2-Fluorobiphenyl (SURR)	8.322	10259131	97.568 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	195.14%#
11) S ortho-Terphenyl (SURR)	11.359	17281284	96.309 ug/ml
Spiked Amount 50.000		Recovery =	192.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	16292547	95.727 ug/ml
2) T Naphthalene (C11.7)	5.807	16965426	96.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	17029421	96.476 ug/ml
5) T Acenaphthylene (C15.06)	8.126	15465936	96.193 ug/ml
7) T Acenaphthene (C15.5)	8.423	16346760	96.216 ug/ml
8) T Fluorene (C16.55)	9.200	15959357	97.100 ug/ml
9) T Phenanthrene (C19.36)	10.589	15596829	98.759 ug/ml
10) T Anthracene (C19.43)	10.665	14245531	98.325 ug/ml
12) T Fluoranthene (C21.85)	12.394	15173221	97.705 ug/ml
13) T Pyrene (C20.8)	12.688	14629758	97.388 ug/ml
14) T Benzo[a]anthracene (C...	14.552	13223254	98.594 ug/ml
15) T Chrysene (C27.41)	14.599	13790863	97.192 ug/ml
16) T benzo[b]fluoranthene ...	16.096	13427404	98.069 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	13019391	96.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	12950121	97.046 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.835	12998769	101.896 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	12033460	96.735 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	12710934	97.438 ug/ml

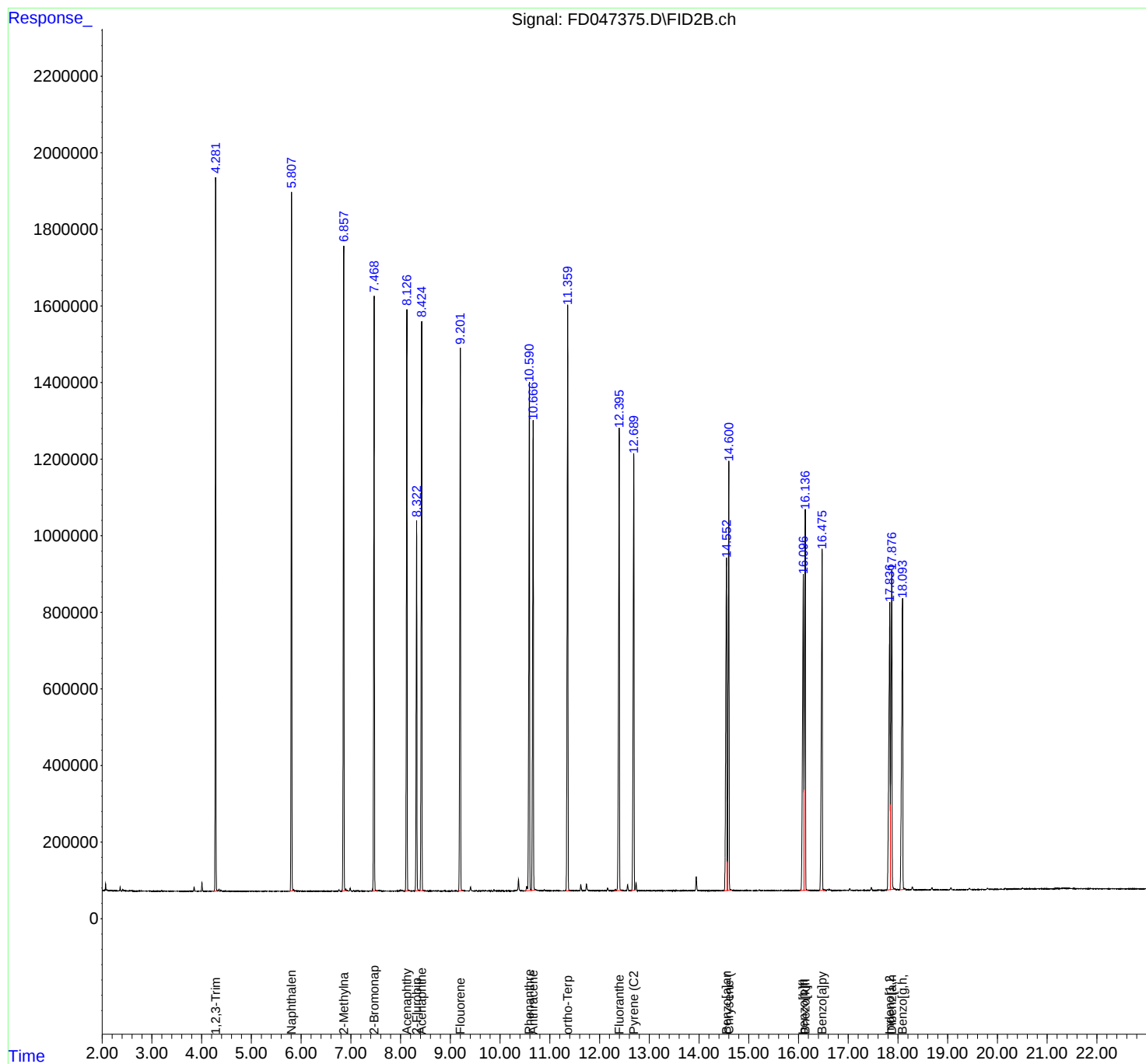
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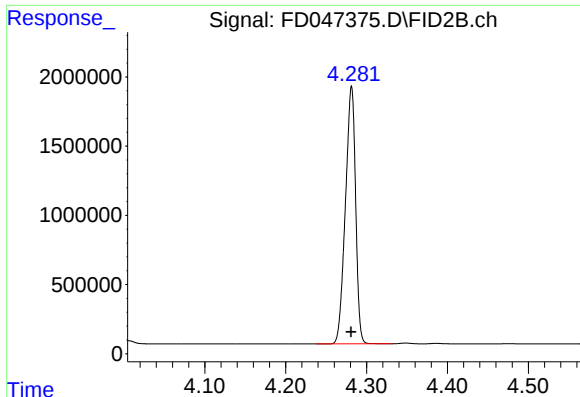
(m)=manual int.

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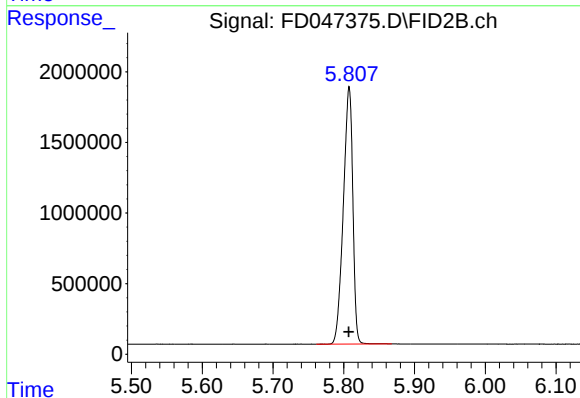
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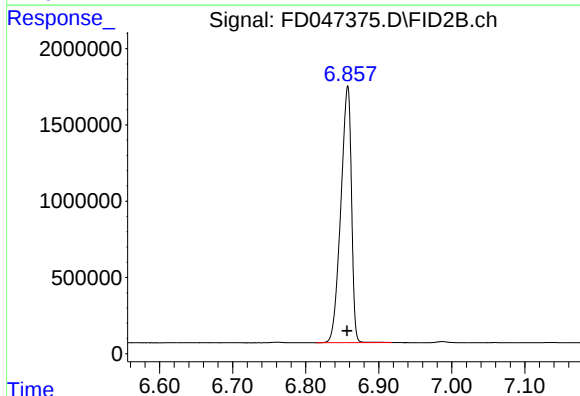
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 16292547
Conc: 95.73 ug/ml



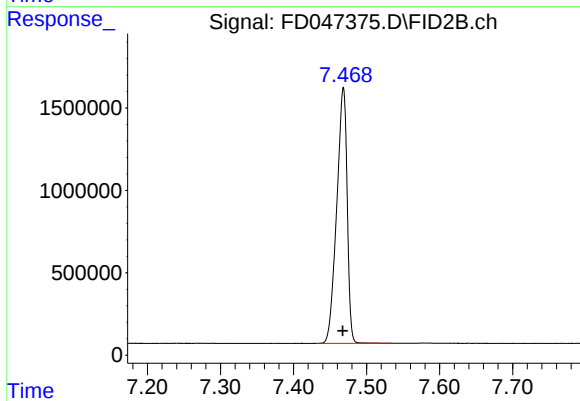
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 16965426
Conc: 96.21 ug/ml



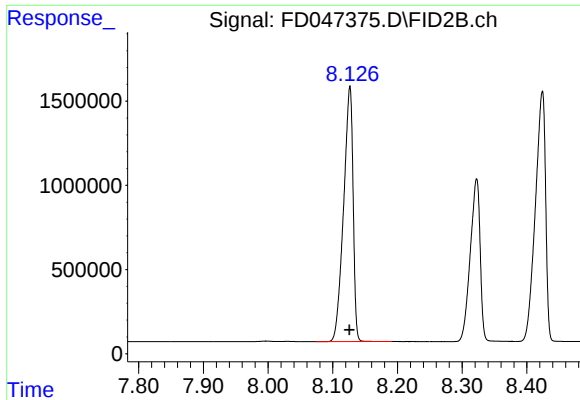
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 17029421
Conc: 96.48 ug/ml



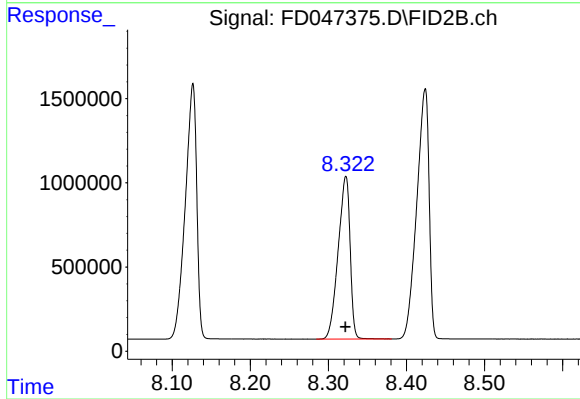
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 15388774
Conc: 96.27 ug/ml



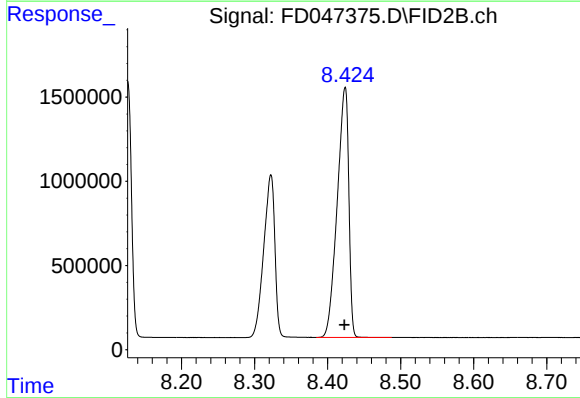
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 15465936
Conc: 96.19 ug/ml



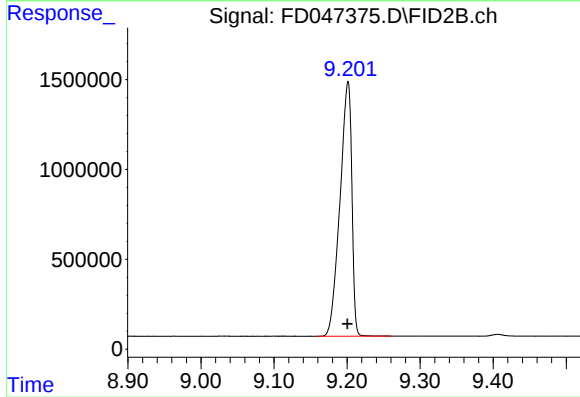
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 10259131
Conc: 97.57 ug/ml



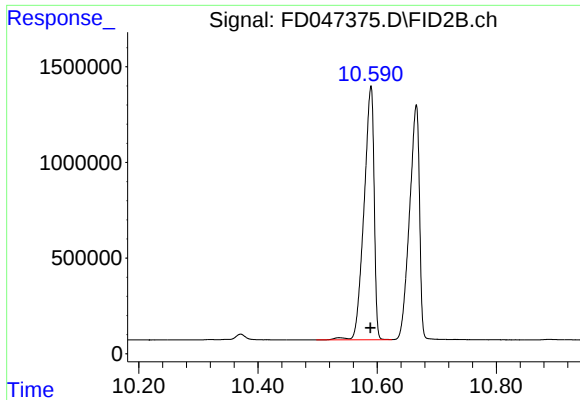
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 16346760
Conc: 96.22 ug/ml



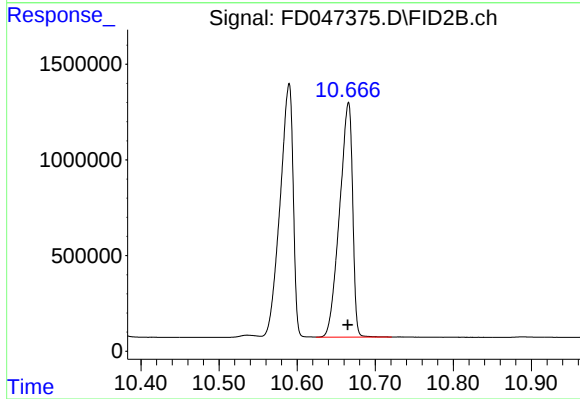
#8 Fluorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 15959357
Conc: 97.10 ug/ml



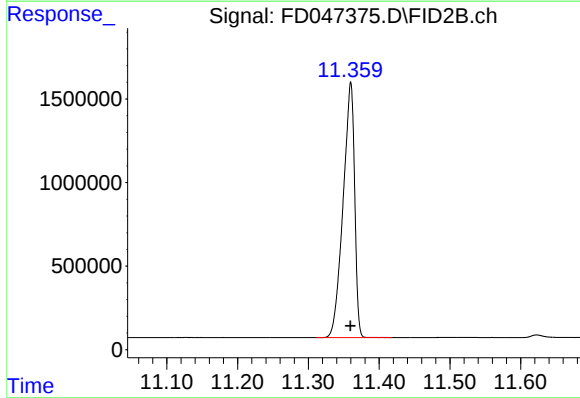
#9 Phenanthrene (C19.36)

R.T.: 10.589 min
Delta R.T.: 0.000 min
Response: 15596829
Conc: 98.76 ug/ml



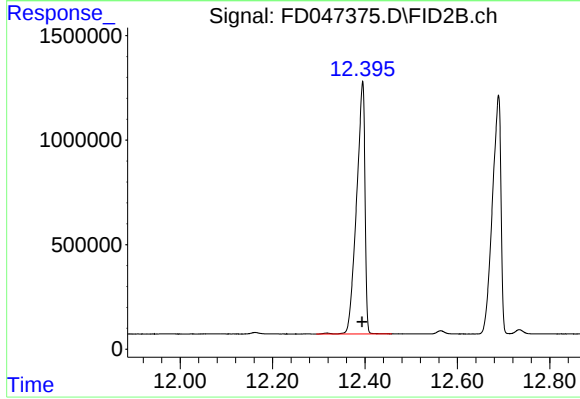
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 14245531
Conc: 98.33 ug/ml



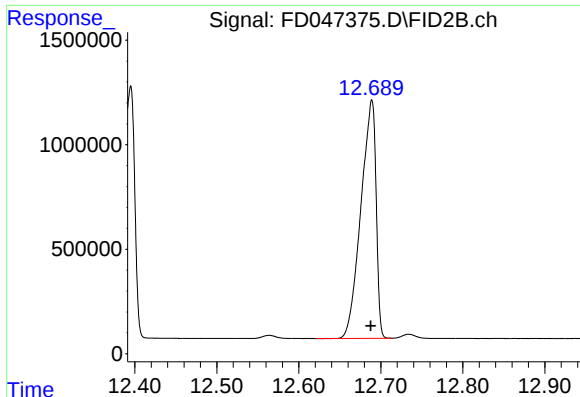
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.000 min
Response: 17281284
Conc: 96.31 ug/ml



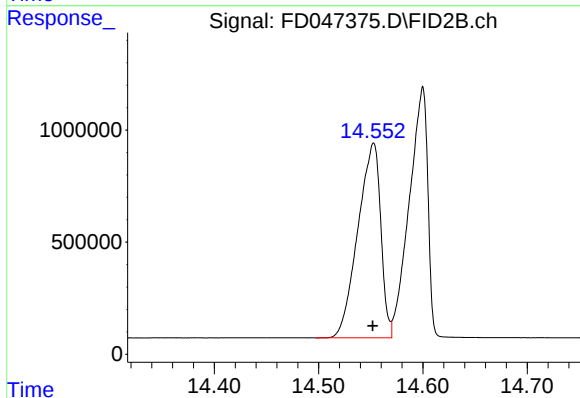
#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.000 min
Response: 15173221
Conc: 97.71 ug/ml



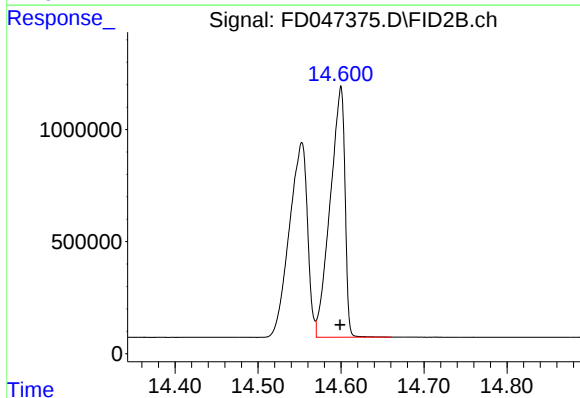
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.000 min
Response: 14629758
Conc: 97.39 ug/ml



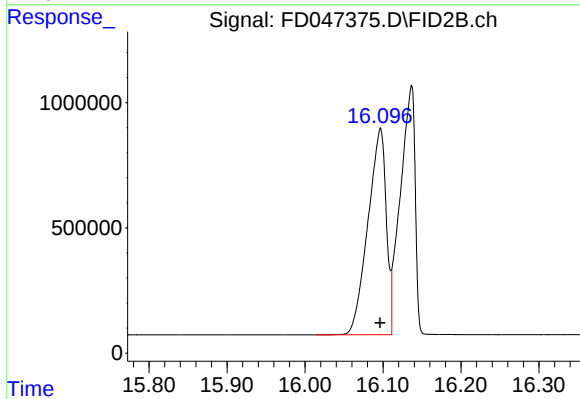
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.000 min
Response: 13223254
Conc: 98.59 ug/ml



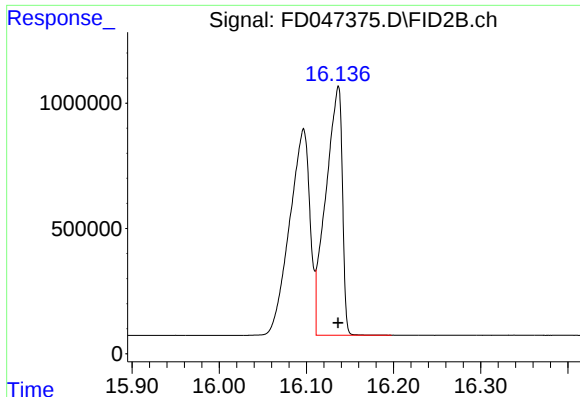
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.000 min
Response: 13790863
Conc: 97.19 ug/ml



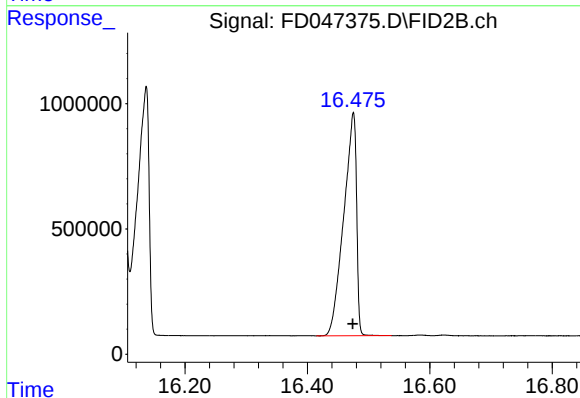
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.096 min
Delta R.T.: 0.000 min
Response: 13427404
Conc: 98.07 ug/ml



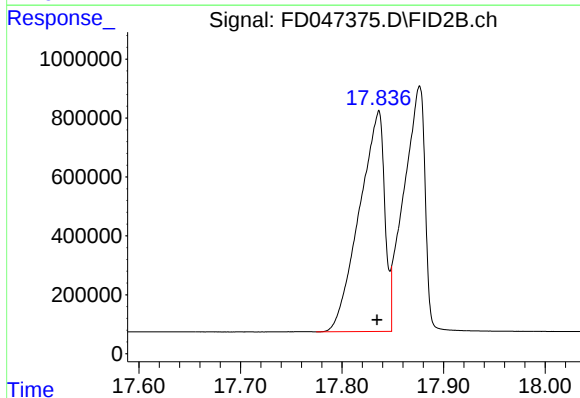
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.135 min
Delta R.T.: -0.001 min
Response: 13019391
Conc: 96.86 ug/ml



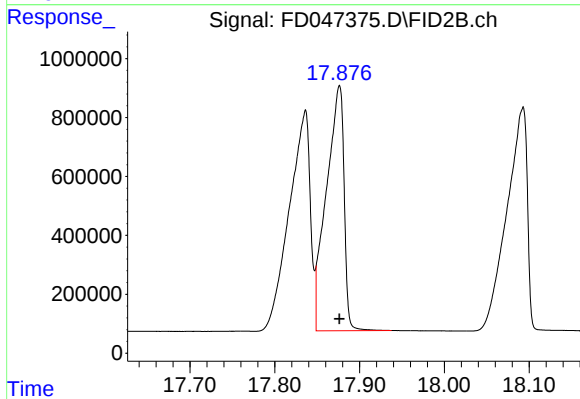
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 12950121
Conc: 97.05 ug/ml



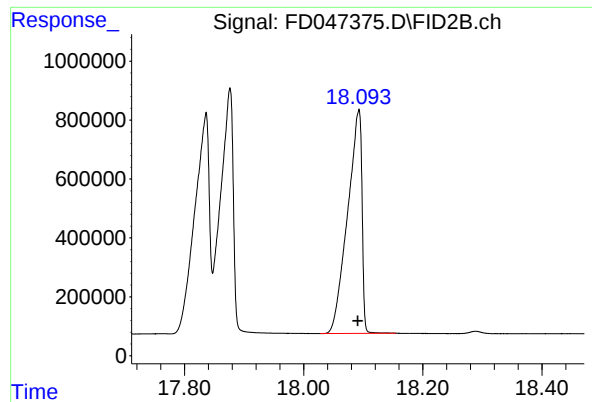
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min
Delta R.T.: 0.000 min
Response: 12998769
Conc: 101.90 ug/ml



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

R.T.: 17.875 min
Delta R.T.: 0.000 min
Response: 12033460
Conc: 96.73 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.000 min
Response: 12710934
Conc: 97.44 ug/ml