

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049706.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 09:56
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:30:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2246388	21.919 ug/ml
Spiked Amount 50.000		Recovery =	43.84%
6) S 2-Fluorobiphenyl (SURR)	8.578	1623600	22.227 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.45%
11) S ortho-Terphenyl (SURR)	11.624	2729576	21.030 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2157498	21.315 ug/ml
2) T Naphthalene (C11.7)	6.049	2438950	21.271 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2466147	20.673 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2693755	21.428 ug/ml
7) T Acenaphthene (C15.5)	8.677	2633997	20.949 ug/ml
8) T Flouorene (C16.55)	9.458	2739112	21.634 ug/ml
9) T Phenanthrene (C19.36)	10.857	2691573	20.836 ug/ml
10) T Anthracene (C19.43)	10.931	2389048	19.393 ug/ml
12) T Fluoranthene (C21.85)	12.671	2625490	20.509 ug/mlm
13) T Pyrene (C20.8)	12.969	2600599	20.483 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2276315	19.726 ug/ml
15) T Chrysene (C27.41)	14.882	2298239	19.629 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2256608	19.841 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2235525	20.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2132540	19.223 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2027023	19.665 ug/mlm
20) T Dibenz[a,h]anthracene...	18.174	2151496	19.739 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.389	2191178	20.052 ug/ml

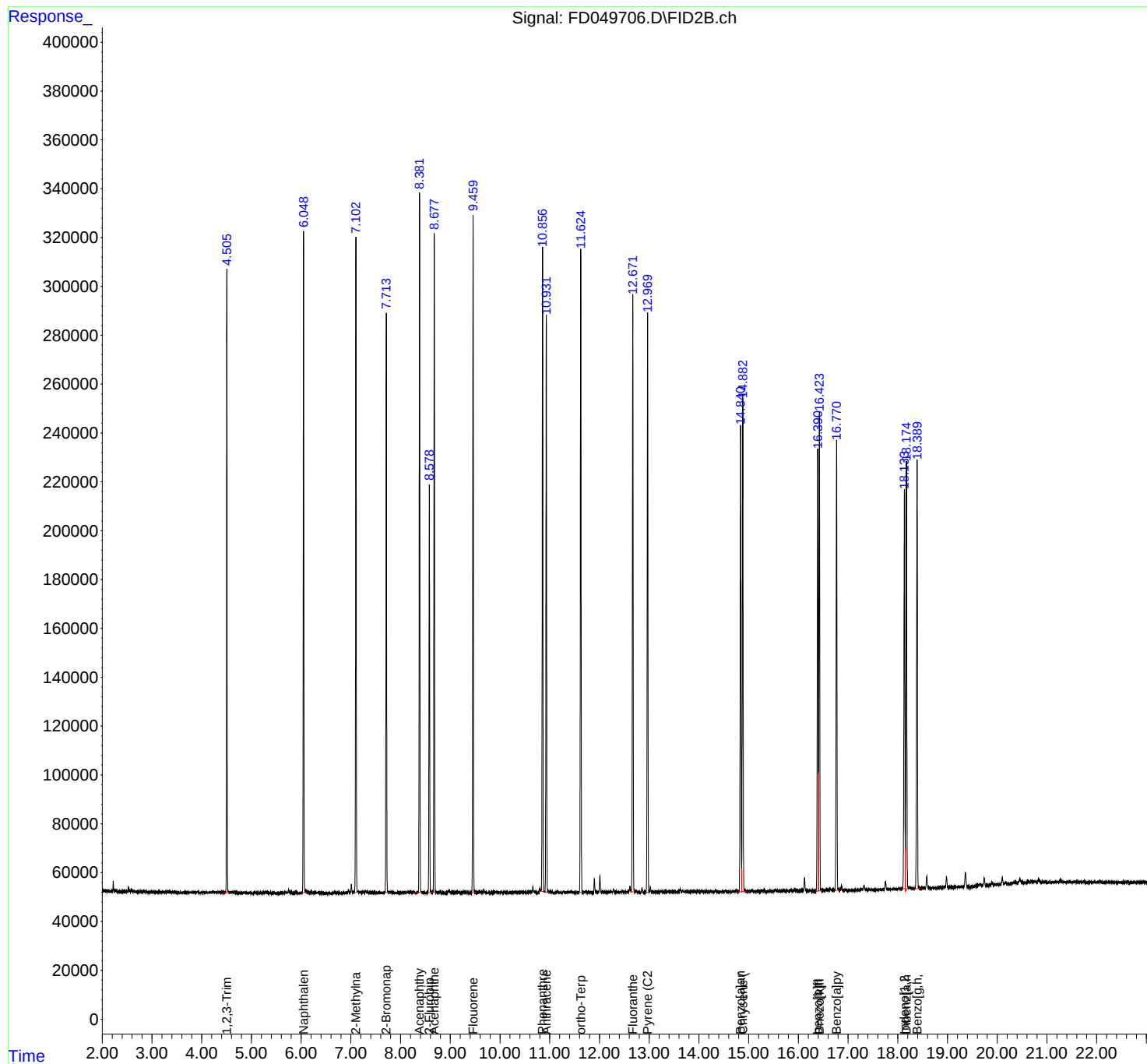
(f)=RT Delta > 1/2 Window

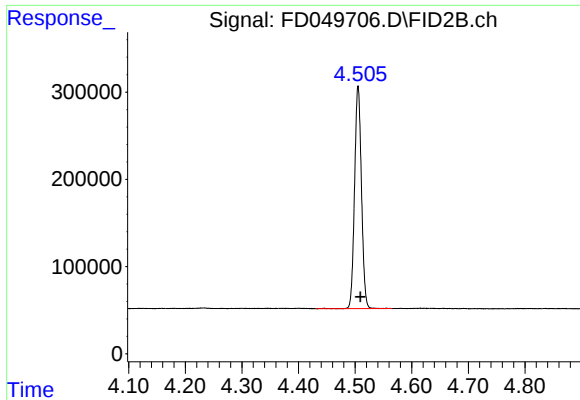
(m)=manual int.

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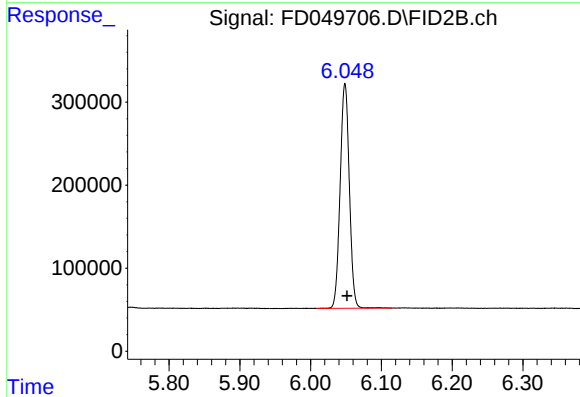
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





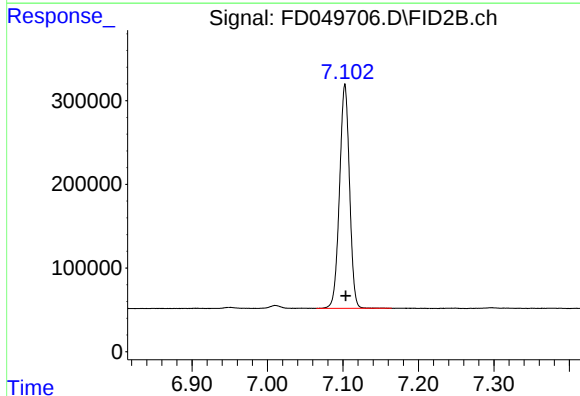
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.505 min
Delta R.T.: -0.004 min
Response: 2157498
Conc: 21.31 ug/ml



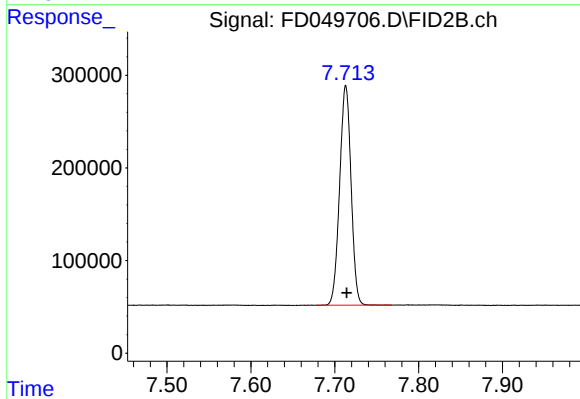
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 2438950
Conc: 21.27 ug/ml



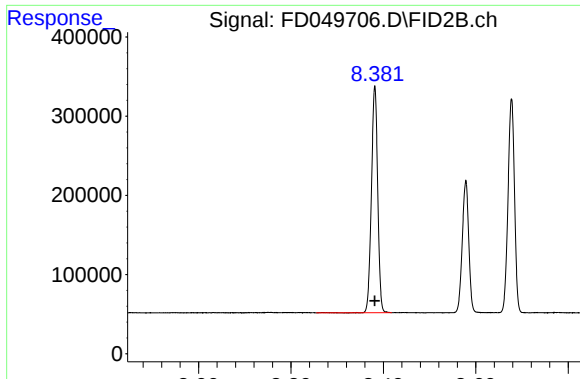
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 2466147
Conc: 20.67 ug/ml



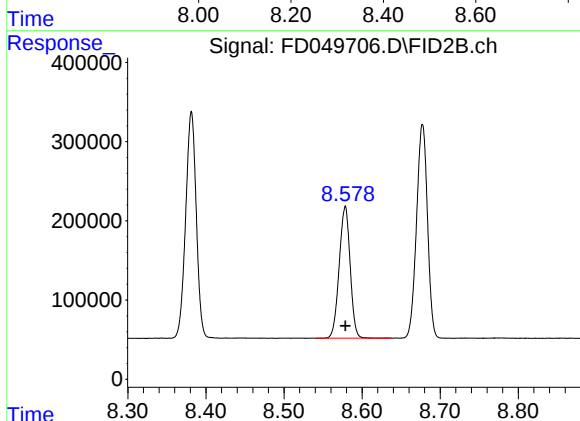
#4 2-Bromonaphthalene (SURR)

R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2246388
Conc: 21.92 ug/ml



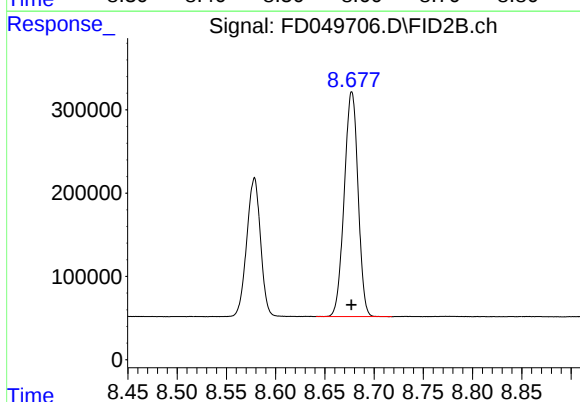
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2693755
Conc: 21.43 ug/ml



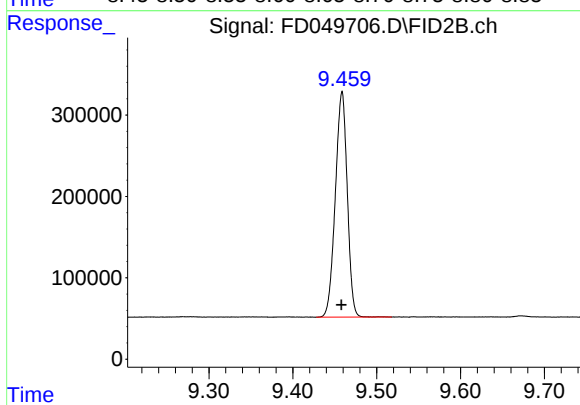
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1623600
Conc: 22.23 ug/ml



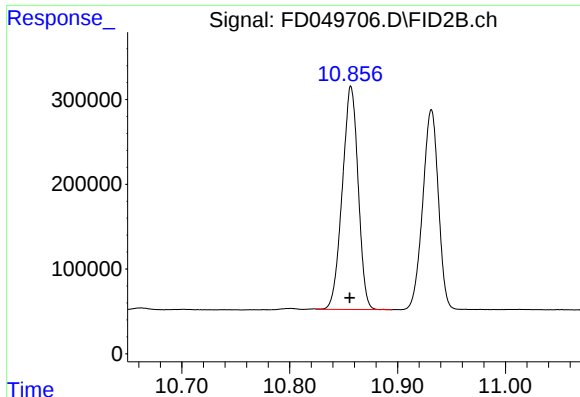
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2633997
Conc: 20.95 ug/ml



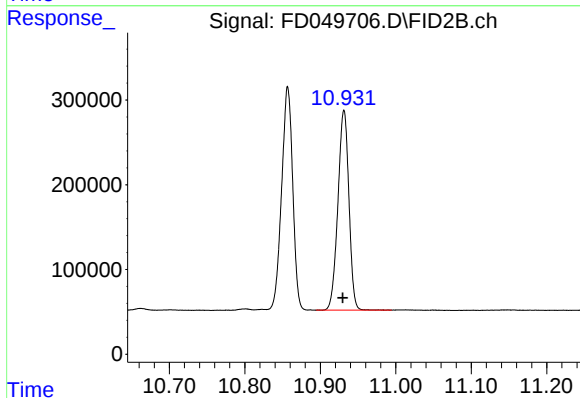
#8 Fluorene (C16.55)

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 2739112
Conc: 21.63 ug/ml



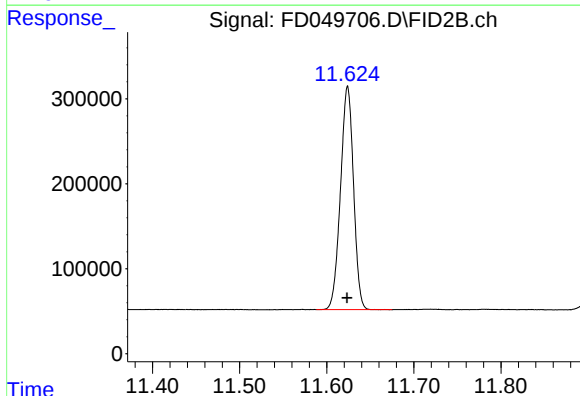
#9 Phenanthrene (C19.36)

R.T.: 10.857 min
Delta R.T.: 0.001 min
Response: 2691573
Conc: 20.84 ug/ml



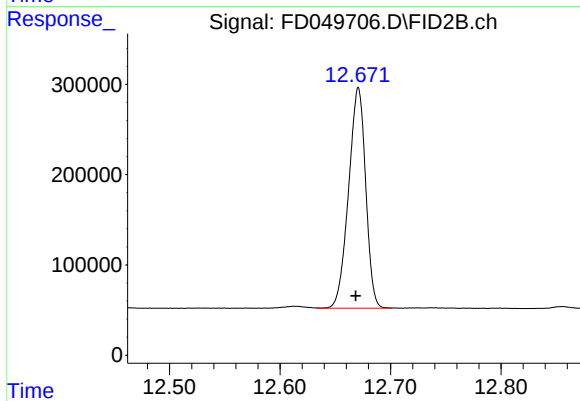
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2389048
Conc: 19.39 ug/ml



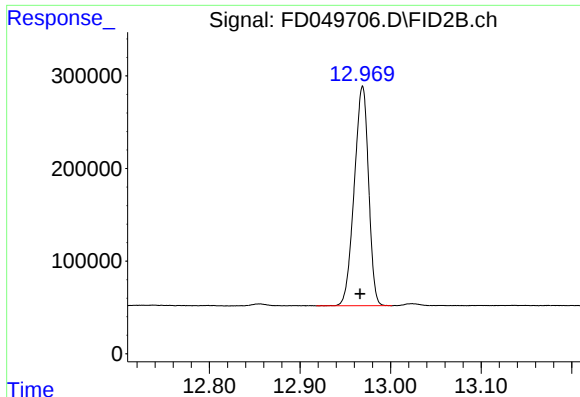
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2729576
Conc: 21.03 ug/ml



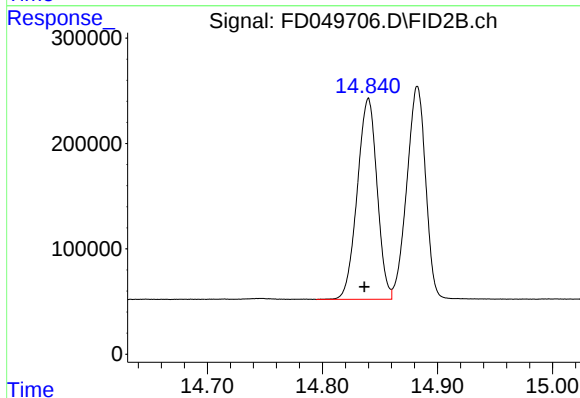
#12 Fluoranthene (C21.85)

R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2625490
Conc: 20.51 ug/ml m



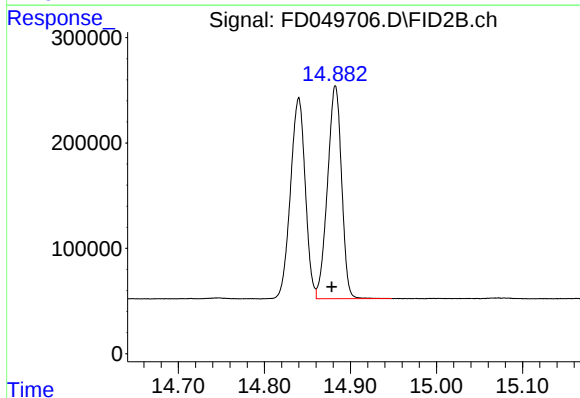
#13 Pyrene (C20.8)

R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2600599
Conc: 20.48 ug/ml



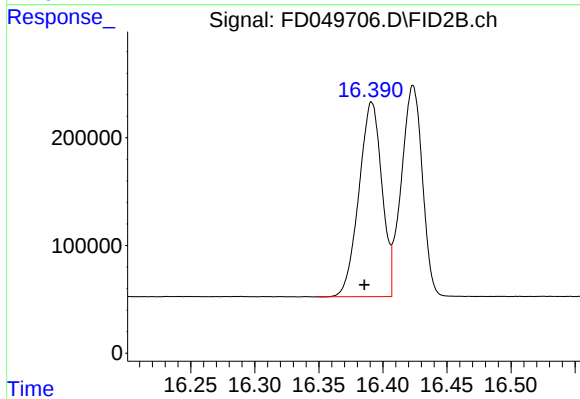
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.003 min
Response: 2276315
Conc: 19.73 ug/ml



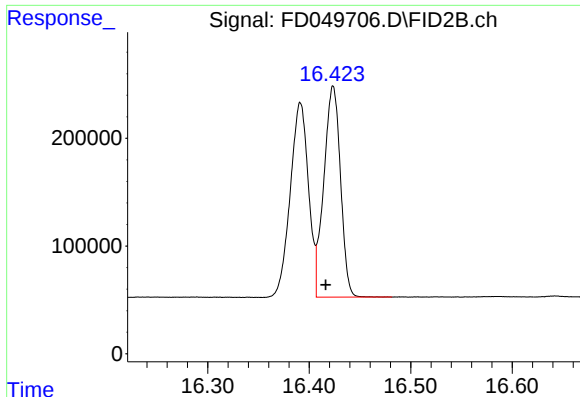
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2298239
Conc: 19.63 ug/ml



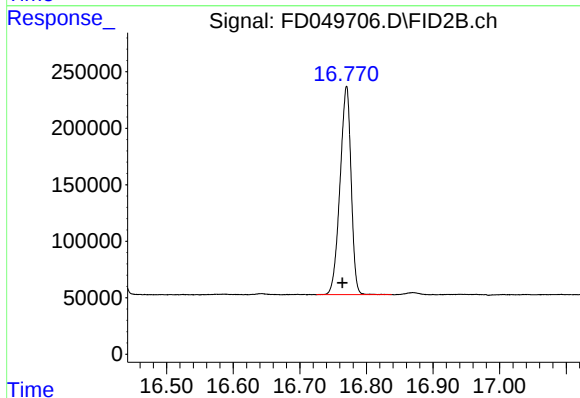
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.391 min
Delta R.T.: 0.006 min
Response: 2256608
Conc: 19.84 ug/ml



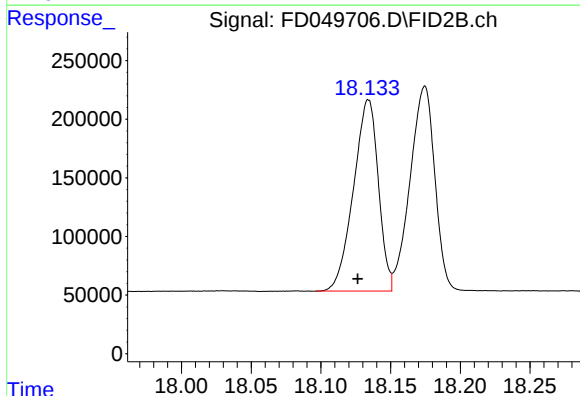
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.423 min
Delta R.T.: 0.007 min
Response: 2235525
Conc: 20.88 ug/ml



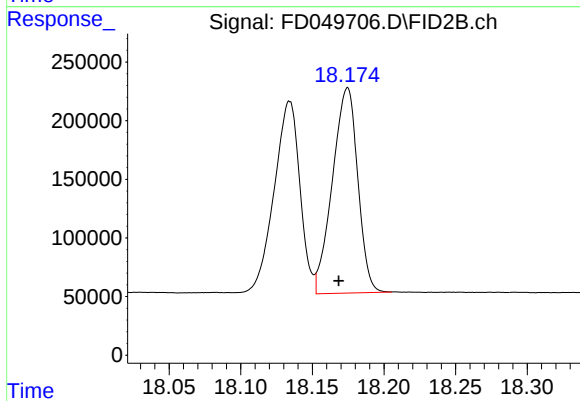
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 2132540
Conc: 19.22 ug/ml



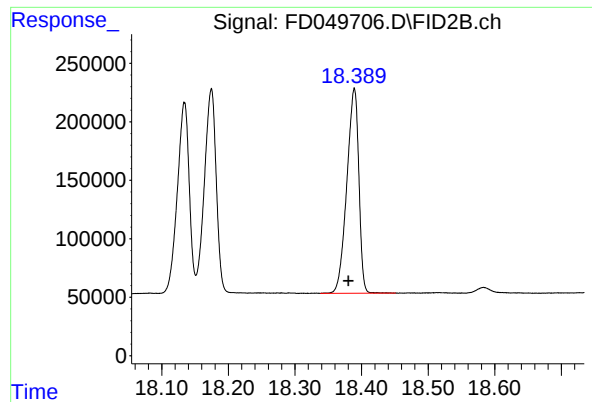
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2027023
Conc: 19.66 ug/ml m



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

R.T.: 18.174 min
Delta R.T.: 0.006 min
Response: 2151496
Conc: 19.74 ug/ml m



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2191178
Conc: 20.05 ug/ml