

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049704.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 08:30
 Operator : YP/AJ
 Sample : Q2893-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:27:09 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...	7.715	6533897	63.753 ug/ml
Spiked Amount 50.000		Recovery =	127.51%
6) S 2-Fluorobiphenyl (SURR)	8.580	4353457	59.599 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.20%
11) S ortho-Terphenyl (SURR)	11.628	7353505	56.655 ug/ml
Spiked Amount 50.000		Recovery =	113.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	430169	4.250 ug/ml
2) T Naphthalene (C11.7)	6.047	530423	4.626 ug/mlm
3) T 2-Methylnaphthalene (...)	7.101	527520	4.422 ug/ml
5) T Acenaphthylene (C15.06)	8.380	607928	4.836 ug/mlm
7) T Acenaphthene (C15.5)	8.676	614885	4.890 ug/ml
8) T Fluorene (C16.55)	9.456	640086	5.056 ug/mlm
9) T Phenanthrene (C19.36)	10.854	631120	4.886 ug/mlm
10) T Anthracene (C19.43)	10.928	622172	5.050 ug/ml
12) T Fluoranthene (C21.85)	12.666	638969	4.991 ug/mlm
13) T Pyrene (C20.8)	12.965	630360	4.965 ug/ml
14) T Benzo[a]anthracene (C...	14.836	593396	5.142 ug/ml
15) T Chrysene (C27.41)	14.877	628964	5.372 ug/mlm
16) T benzo[b]fluoranthene ...	16.386	589502	5.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	595103	5.559 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.764	570441	5.142 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	580749	5.634 ug/mlm
20) T Dibenz[a,h]anthracene...	18.168	573601	5.262 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.380	579531	5.303 ug/ml

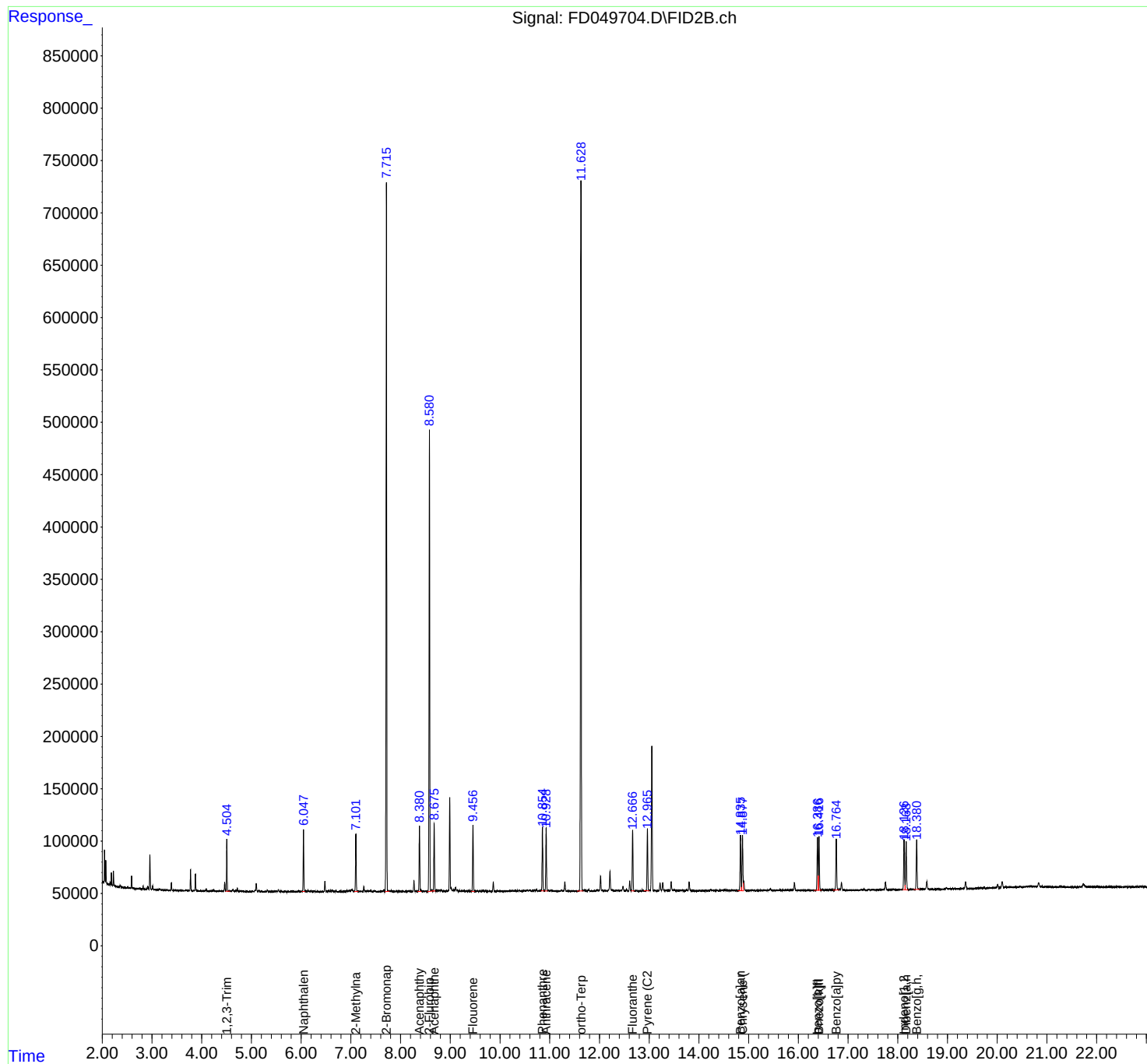
(f)=RT Delta > 1/2 Window

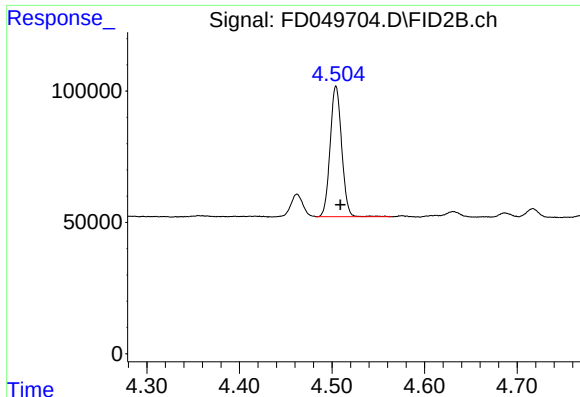
(m)=manual int.

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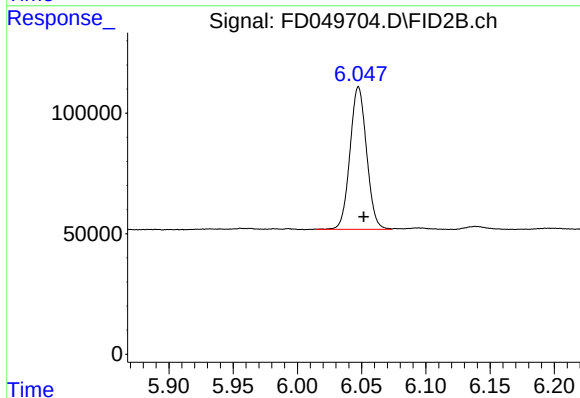
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





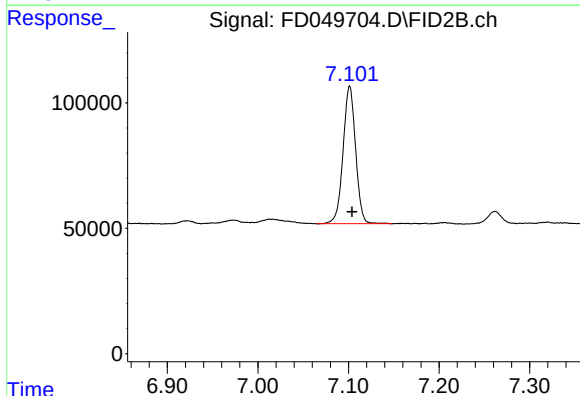
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.504 min
Delta R.T.: -0.005 min
Response: 430169
Conc: 4.25 ug/ml



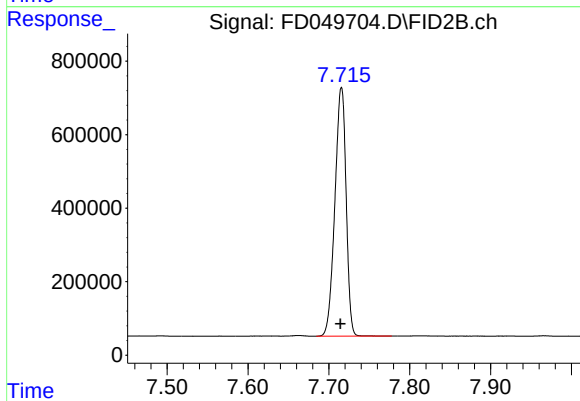
#2 Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.004 min
Response: 530423
Conc: 4.63 ug/ml m



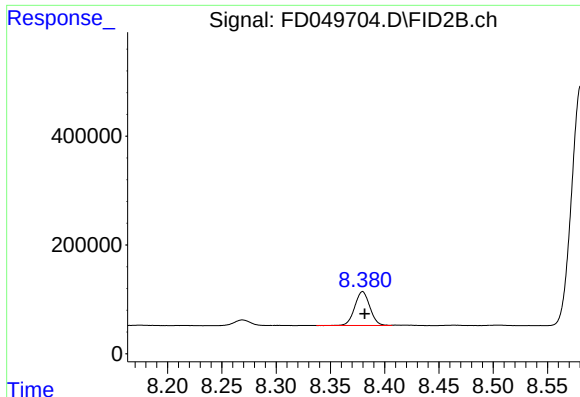
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 527520
Conc: 4.42 ug/ml



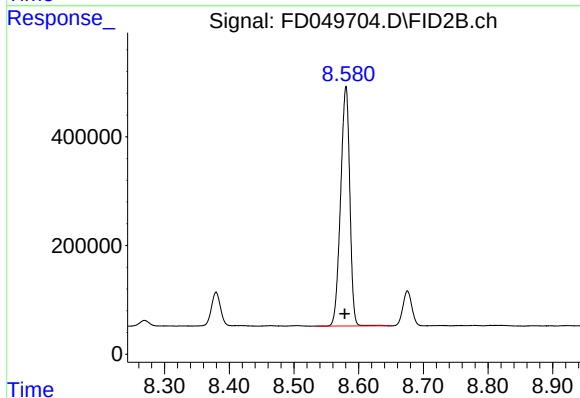
#4 2-Bromonaphthalene (SURR)

R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 6533897
Conc: 63.75 ug/ml



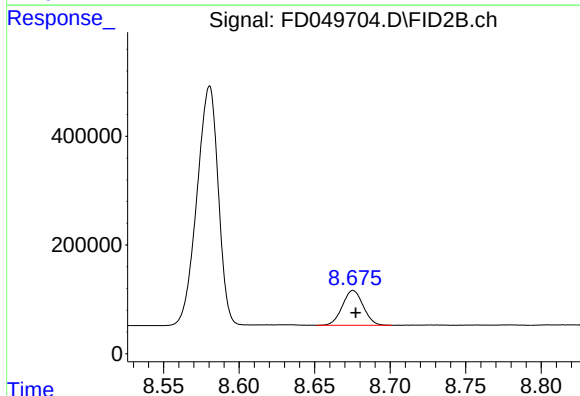
#5 Acenaphthylene (C15.06)

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 607928
Conc: 4.84 ug/ml m



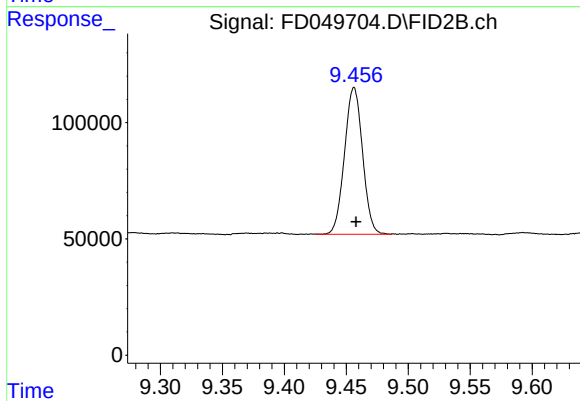
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 4353457
Conc: 59.60 ug/ml



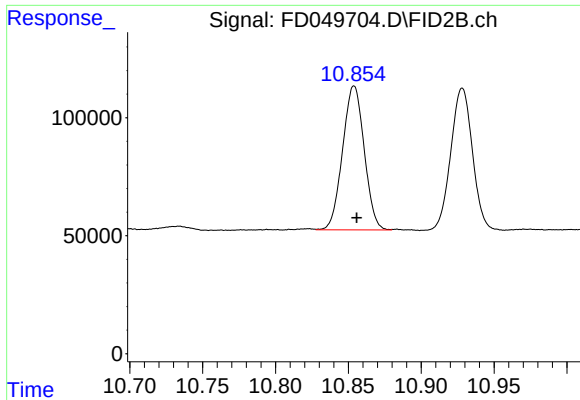
#7 Acenaphthene (C15.5)

R.T.: 8.676 min
Delta R.T.: -0.002 min
Response: 614885
Conc: 4.89 ug/ml



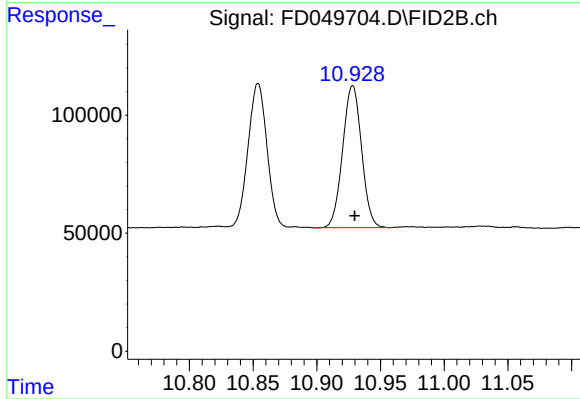
#8 Flouorene (C16.55)

R.T.: 9.456 min
Delta R.T.: -0.002 min
Response: 640086
Conc: 5.06 ug/ml m



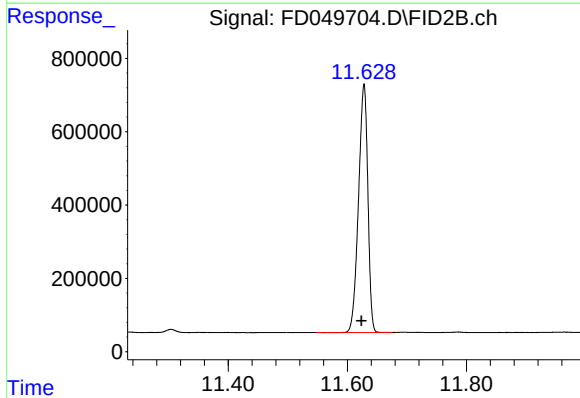
#9 Phenanthrene (C19.36)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 631120
Conc: 4.89 ug/ml m



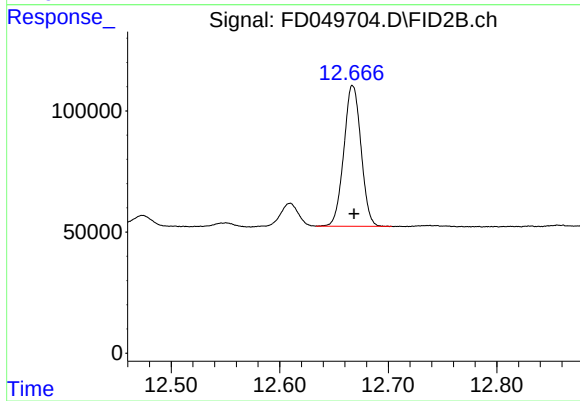
#10 Anthracene (C19.43)

R.T.: 10.928 min
Delta R.T.: -0.002 min
Response: 622172
Conc: 5.05 ug/ml



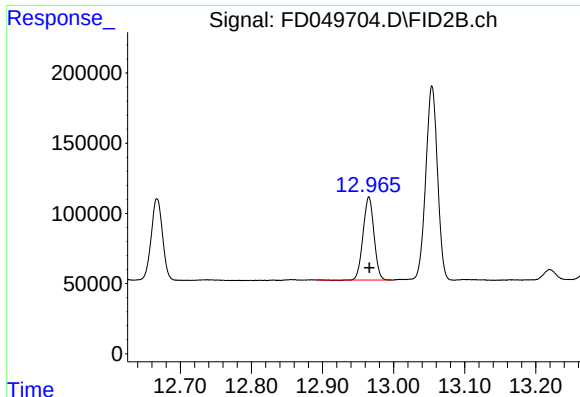
#11 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.004 min
Response: 7353505
Conc: 56.65 ug/ml



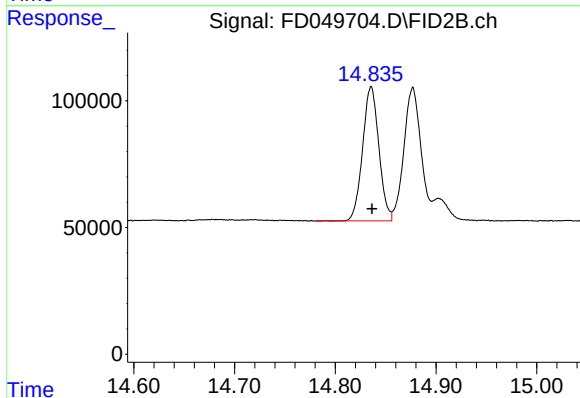
#12 Fluoranthene (C21.85)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 638969
Conc: 4.99 ug/ml m



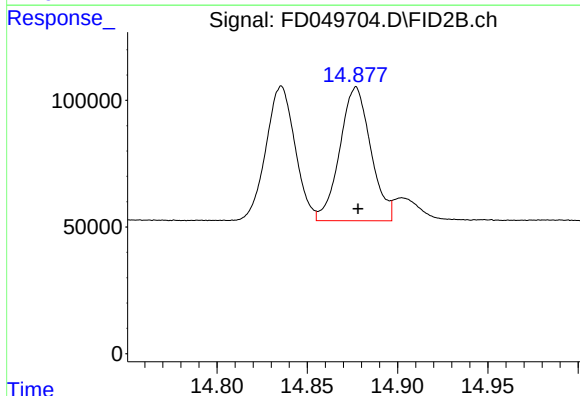
#13 Pyrene (C20.8)

R.T.: 12.965 min
Delta R.T.: -0.001 min
Response: 630360
Conc: 4.96 ug/ml



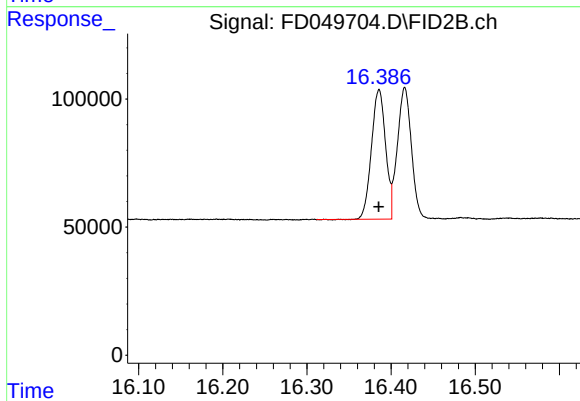
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.836 min
Delta R.T.: 0.000 min
Response: 593396
Conc: 5.14 ug/ml



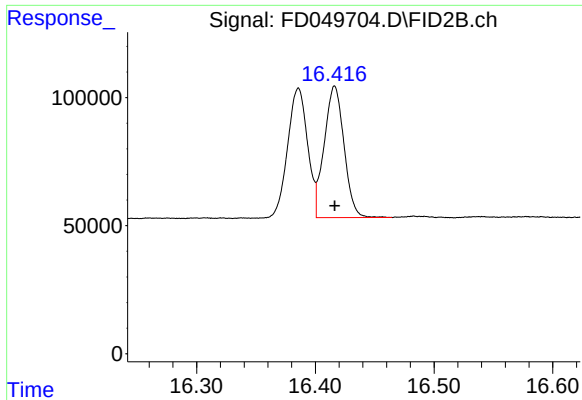
#15 Chrysene (C27.41)

R.T.: 14.877 min
Delta R.T.: -0.001 min
Response: 628964
Conc: 5.37 ug/ml m



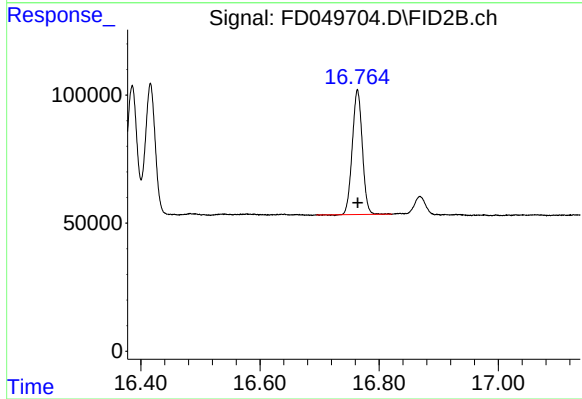
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.386 min
Delta R.T.: 0.000 min
Response: 589502
Conc: 5.18 ug/ml



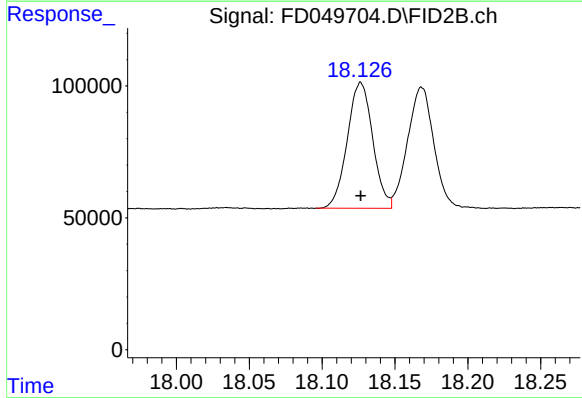
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.416 min
Delta R.T.: 0.000 min
Response: 595103
Conc: 5.56 ug/ml



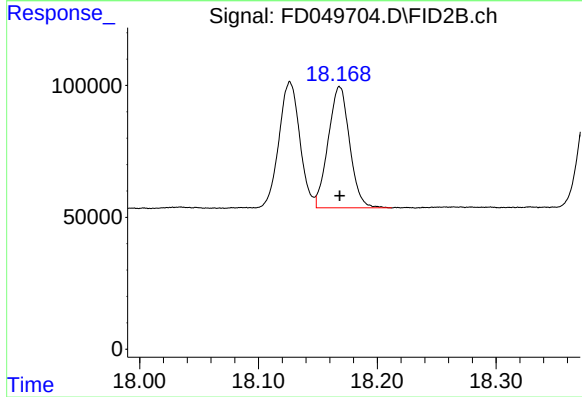
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 570441
Conc: 5.14 ug/ml



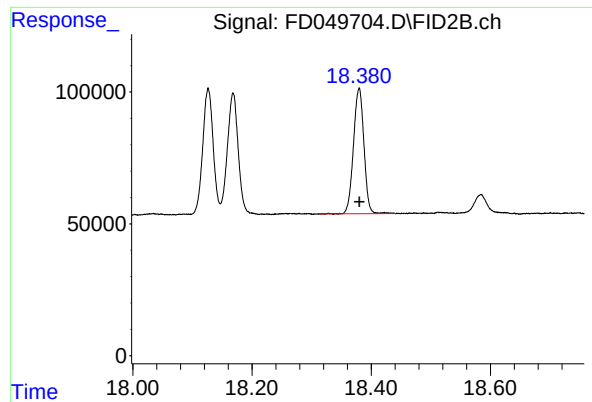
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.000 min
Response: 580749
Conc: 5.63 ug/ml m



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 573601
Conc: 5.26 ug/ml m



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

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 579531
Conc: 5.30 ug/ml