

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049712.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 14:17
 Operator : YP/AJ
 Sample : Q2893-03
 Misc : 2.5PPM SOIL MDL
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:36:56 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...	7.717	6104333	59.562 ug/ml
Spiked Amount 50.000		Recovery =	119.12%
6) S 2-Fluorobiphenyl (SURR)	8.583	4359524	59.682 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	119.36%
11) S ortho-Terphenyl (SURR)	11.630	6682654	51.486 ug/ml
Spiked Amount 50.000		Recovery =	102.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.509	270358	2.671 ug/ml
2) T Naphthalene (C11.7)	6.050	323472	2.821 ug/mlm
3) T 2-Methylnaphthalene (...)	7.104	306396	2.568 ug/mlm
5) T Acenaphthylene (C15.06)	8.382	345626	2.749 ug/mlm
7) T Acenaphthene (C15.5)	8.678	356973	2.839 ug/ml
8) T Flouorene (C16.55)	9.458	363836	2.874 ug/mlm
9) T Phenanthrene (C19.36)	10.857	361237	2.796 ug/ml
10) T Anthracene (C19.43)	10.931	359008	2.914 ug/ml
12) T Fluoranthene (C21.85)	12.670	372725	2.912 ug/mlm
13) T Pyrene (C20.8)	12.968	376181	2.963 ug/mlm
14) T Benzo[a]anthracene (C...	14.838	366088	3.172 ug/ml
15) T Chrysene (C27.41)	14.879	392349	3.351 ug/mlm
16) T benzo[b]fluoranthene ...	16.388	359657	3.162 ug/ml
17) T Bnezo[k]fluoranthene ...	16.419	368477	3.442 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.767	353760	3.189 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.129	356832	3.462 ug/mlm
20) T Dibenz[a,h]anthracene...	18.170	373732	3.429 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.382	352414	3.225 ug/mlm

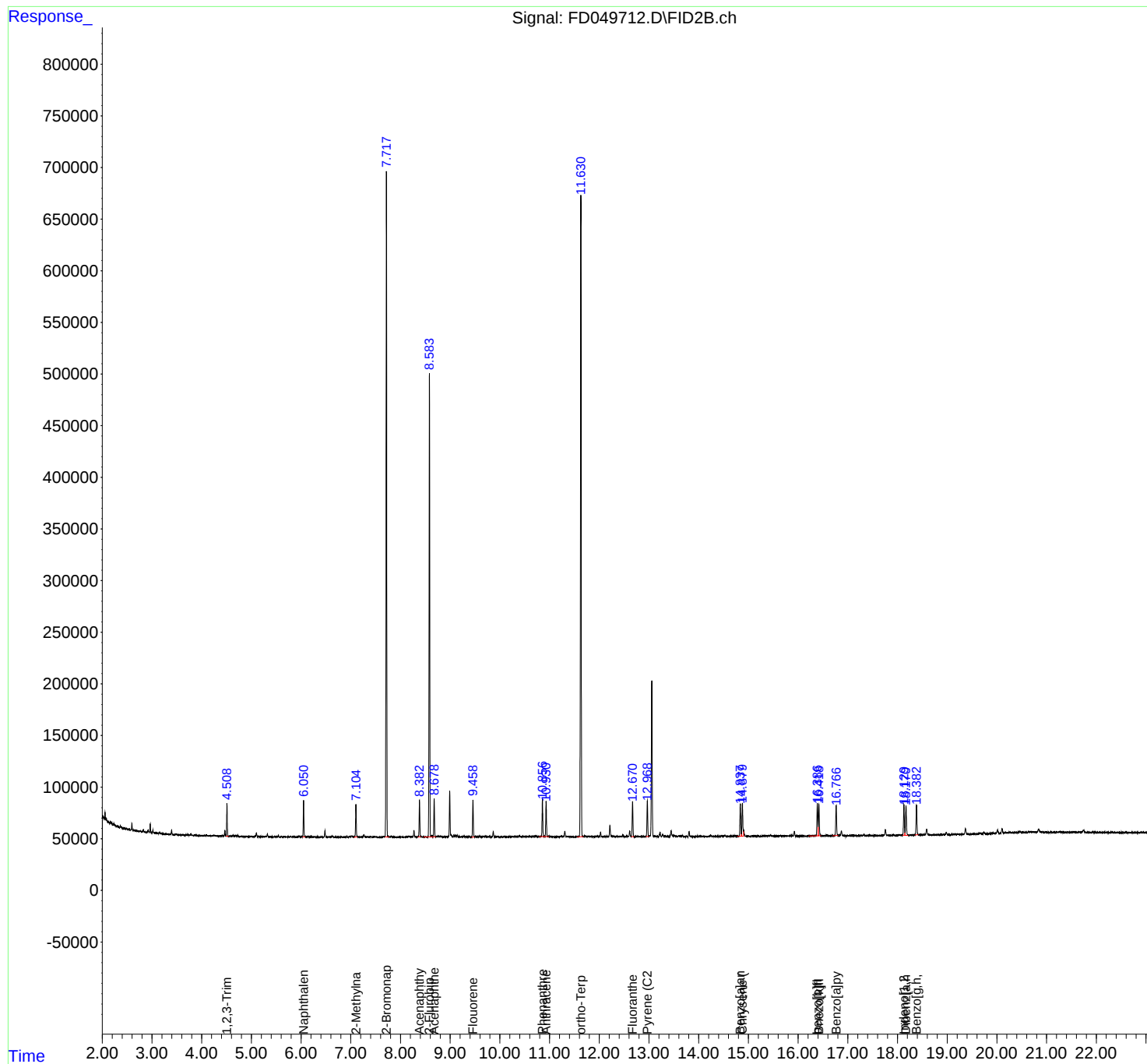
(f)=RT Delta > 1/2 Window

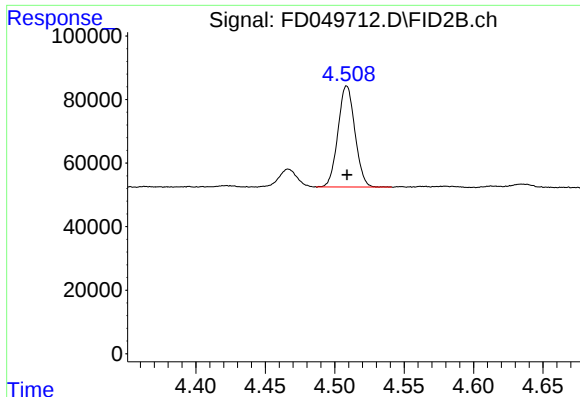
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
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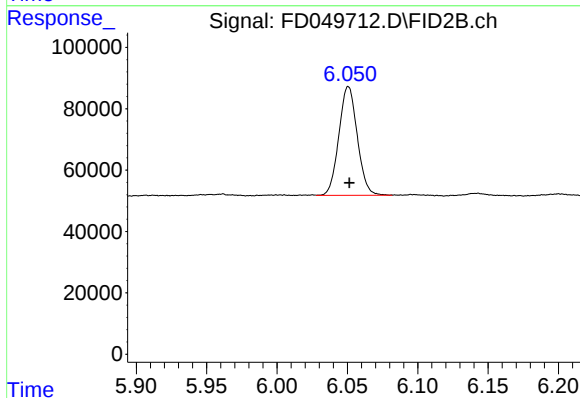
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





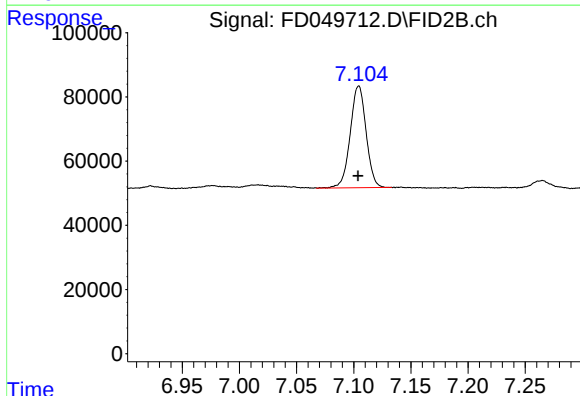
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 270358
Conc: 2.67 ug/ml



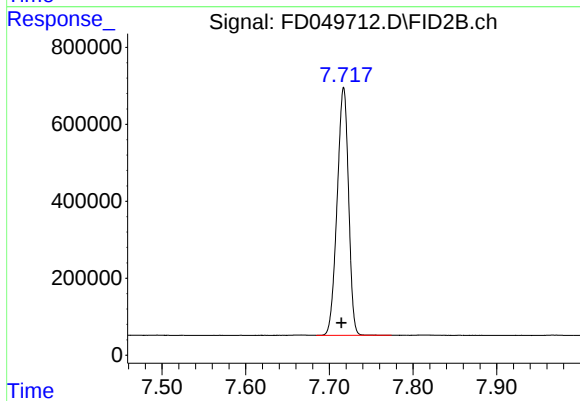
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 323472
Conc: 2.82 ug/ml m



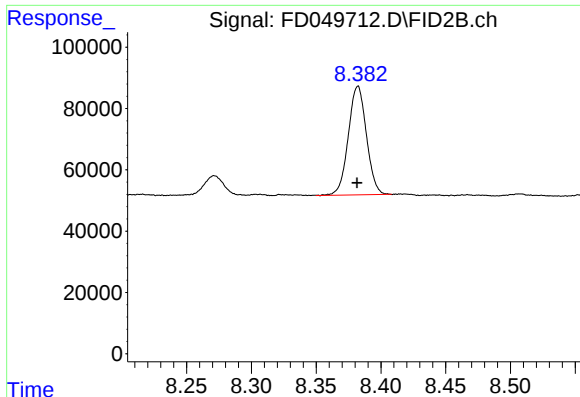
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 306396
Conc: 2.57 ug/ml m



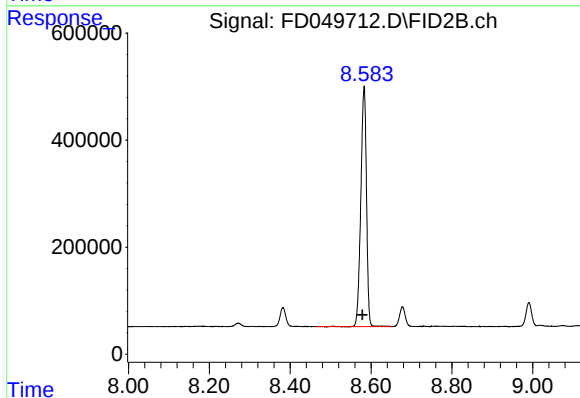
#4 2-Bromonaphthalene (SURR)

R.T.: 7.717 min
Delta R.T.: 0.002 min
Response: 6104333
Conc: 59.56 ug/ml



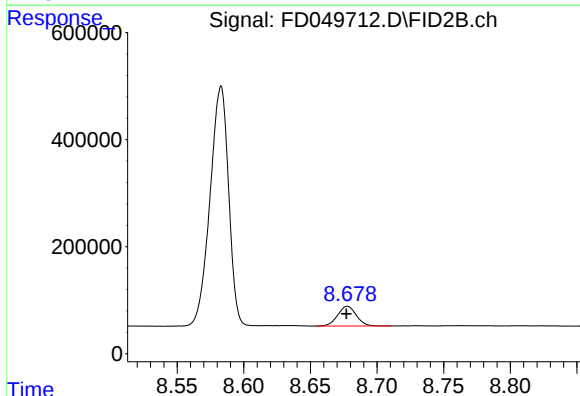
#5 Acenaphthylene (C15.06)

R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 345626
Conc: 2.75 ug/ml m



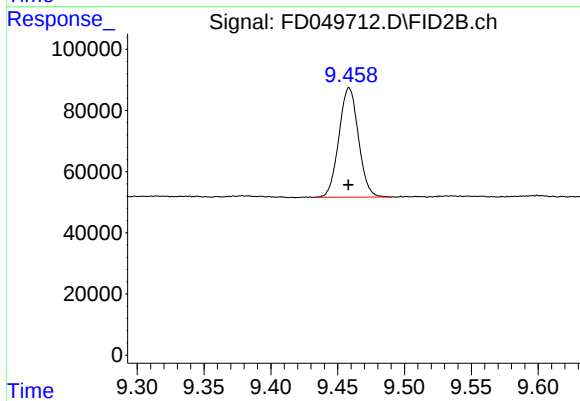
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.583 min
Delta R.T.: 0.004 min
Response: 4359524
Conc: 59.68 ug/ml



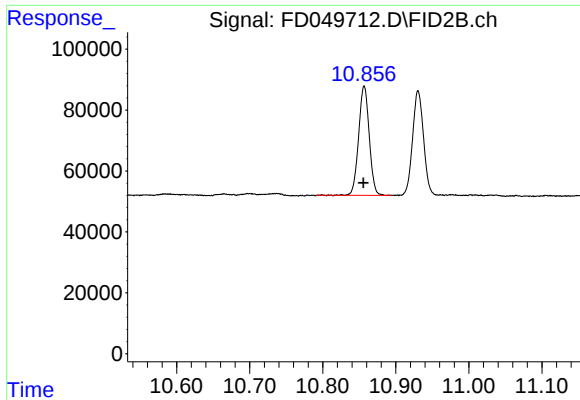
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 356973
Conc: 2.84 ug/ml



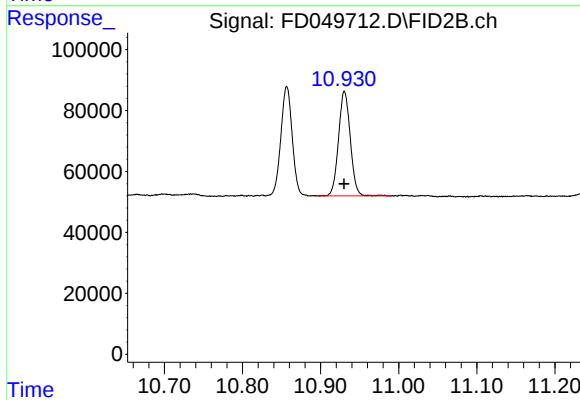
#8 Fluorene (C16.55)

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 363836
Conc: 2.87 ug/ml m



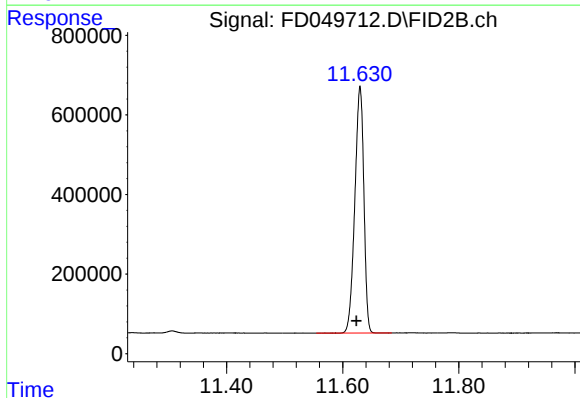
#9 Phenanthrene (C19.36)

R.T.: 10.857 min
Delta R.T.: 0.001 min
Response: 361237
Conc: 2.80 ug/ml



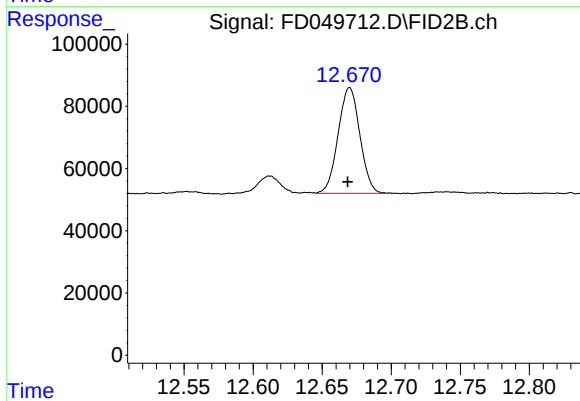
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.000 min
Response: 359008
Conc: 2.91 ug/ml



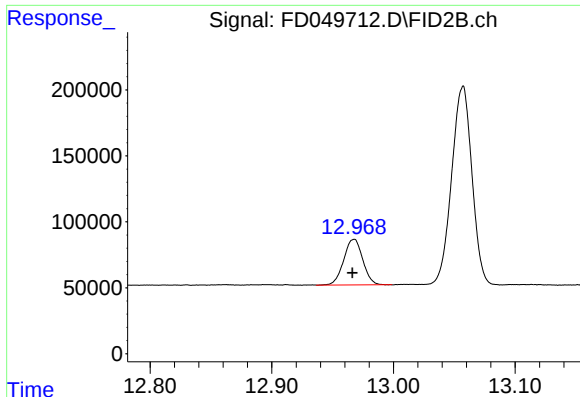
#11 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 6682654
Conc: 51.49 ug/ml



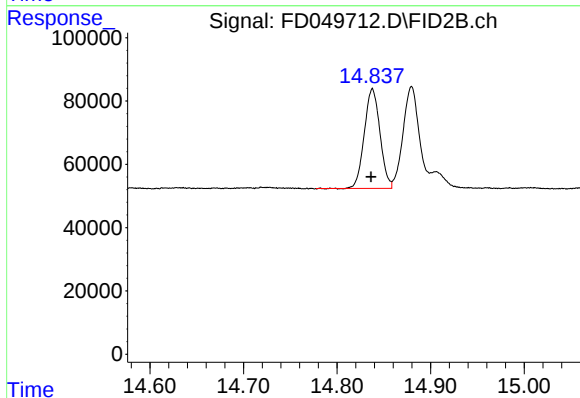
#12 Fluoranthene (C21.85)

R.T.: 12.670 min
Delta R.T.: 0.000 min
Response: 372725
Conc: 2.91 ug/ml m



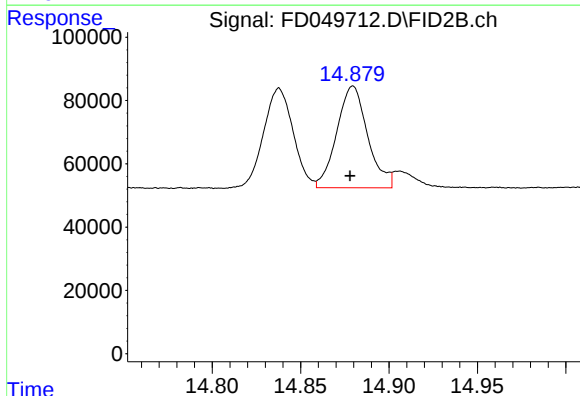
#13 Pyrene (C20.8)

R.T.: 12.968 min
Delta R.T.: 0.002 min
Response: 376181
Conc: 2.96 ug/ml m



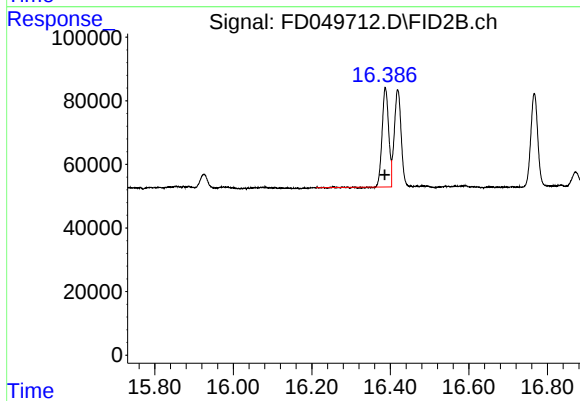
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.838 min
Delta R.T.: 0.001 min
Response: 366088
Conc: 3.17 ug/ml



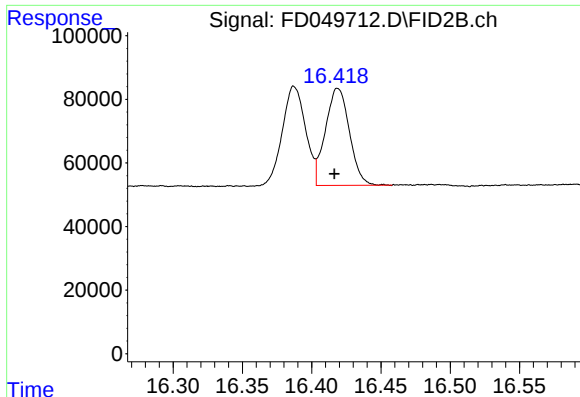
#15 Chrysene (C27.41)

R.T.: 14.879 min
Delta R.T.: 0.001 min
Response: 392349
Conc: 3.35 ug/ml m



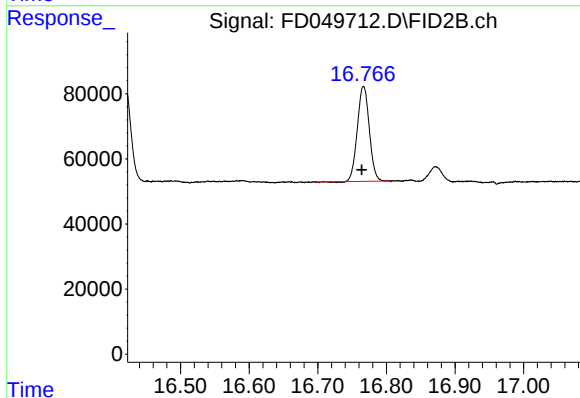
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.002 min
Response: 359657
Conc: 3.16 ug/ml



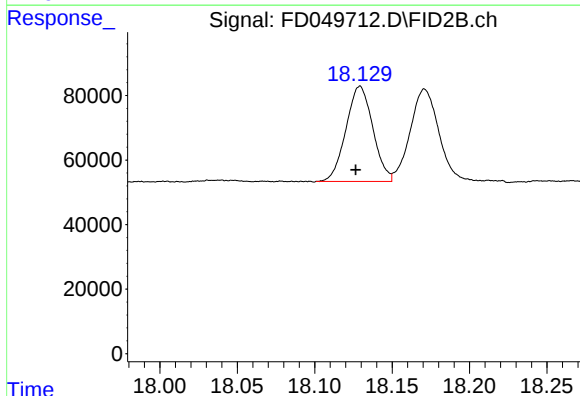
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.419 min
Delta R.T.: 0.003 min
Response: 368477
Conc: 3.44 ug/ml



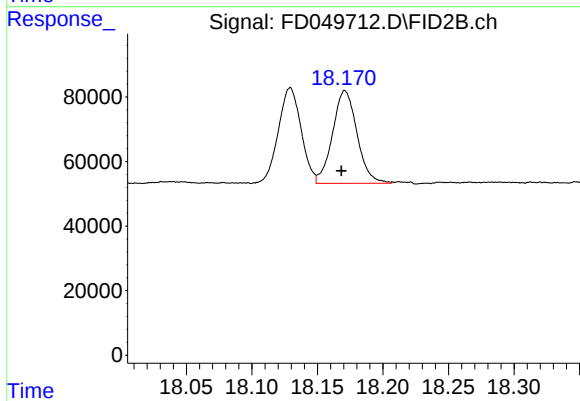
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.767 min
Delta R.T.: 0.003 min
Response: 353760
Conc: 3.19 ug/ml



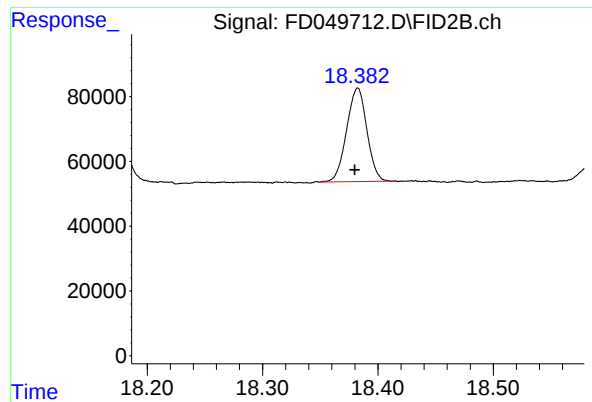
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.129 min
Delta R.T.: 0.003 min
Response: 356832
Conc: 3.46 ug/ml m



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

R.T.: 18.170 min
Delta R.T.: 0.002 min
Response: 373732
Conc: 3.43 ug/ml m



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

R.T.: 18.382 min
Delta R.T.: 0.002 min
Response: 352414
Conc: 3.23 ug/ml m