

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082925AR\
 Data File : FD049715.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 16:44
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 00:42:33 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...	7.712	2050502	20.007 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
6) S 2-Fluorobiphenyl (SURR)	8.577	1473958	20.179 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.36%
11) S ortho-Terphenyl (SURR)	11.623	2468905	19.022 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	2011809	19.876 ug/ml
2) T Naphthalene (C11.7)	6.048	2238949	19.527 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	2254014	18.895 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2445349	19.452 ug/ml
7) T Acenaphthene (C15.5)	8.677	2393413	19.035 ug/ml
8) T Flouorene (C16.55)	9.457	2474886	19.547 ug/ml
9) T Phenanthrene (C19.36)	10.856	2451264	18.976 ug/ml
10) T Anthracene (C19.43)	10.930	2179837	17.694 ug/ml
12) T Fluoranthene (C21.85)	12.670	2433561	19.010 ug/mlm
13) T Pyrene (C20.8)	12.968	2431601	19.152 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2207037	19.126 ug/ml
15) T Chrysene (C27.41)	14.882	2230775	19.053 ug/ml
16) T benzo[b]fluoranthene ...	16.390	2203253	19.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2187197	20.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2088433	18.825 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	2000204	19.405 ug/mlm
20) T Dibenz[a,h]anthracene...	18.175	2159036	19.808 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.389	2144353	19.623 ug/ml

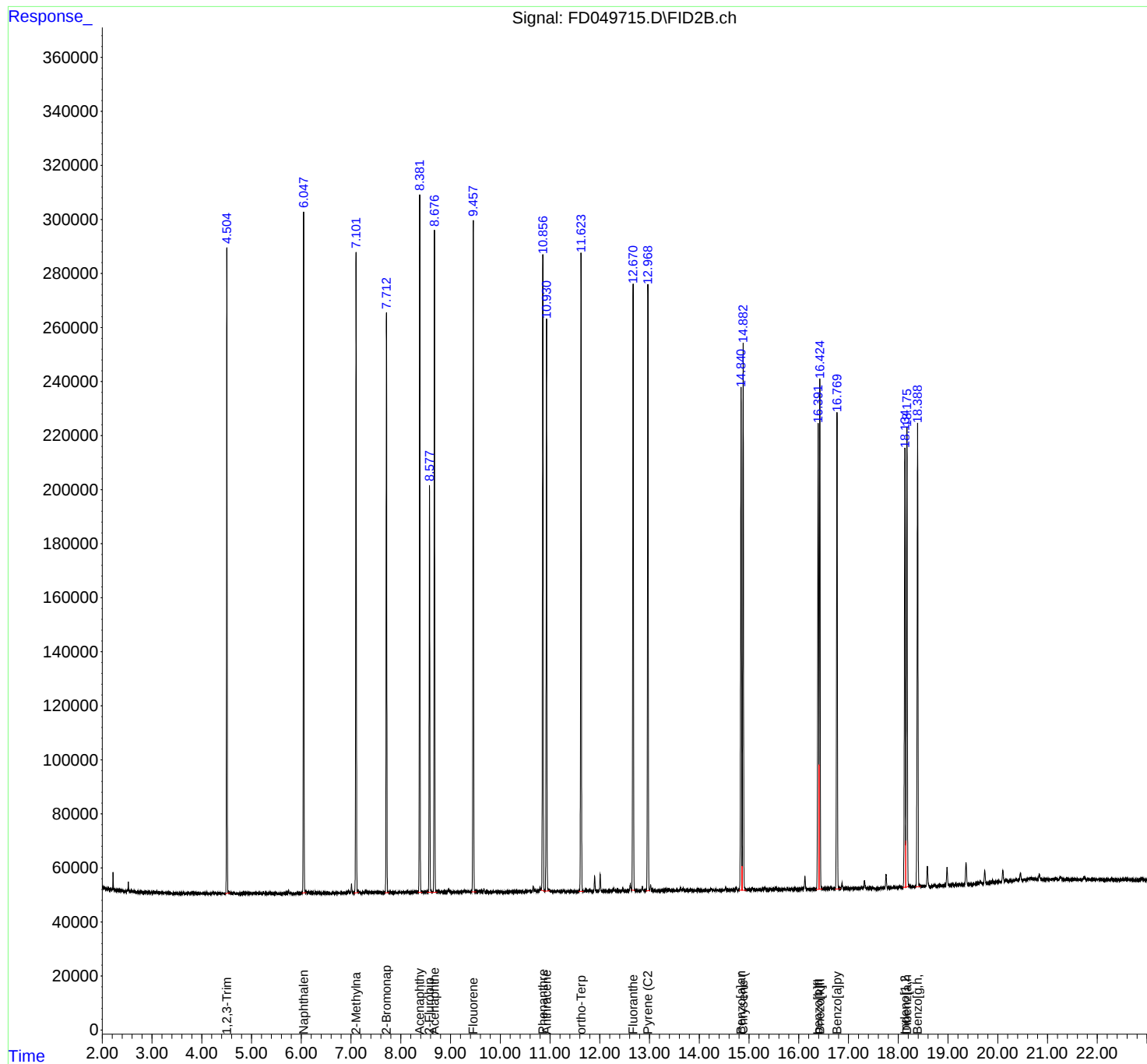
(f)=RT Delta > 1/2 Window

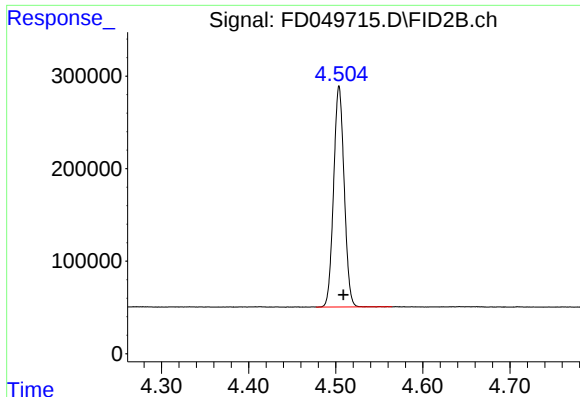
(m)=manual int.

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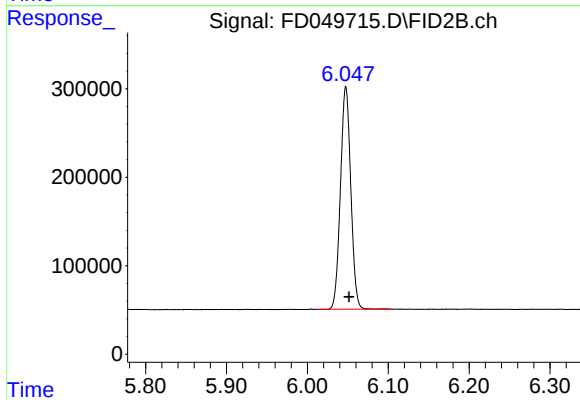
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





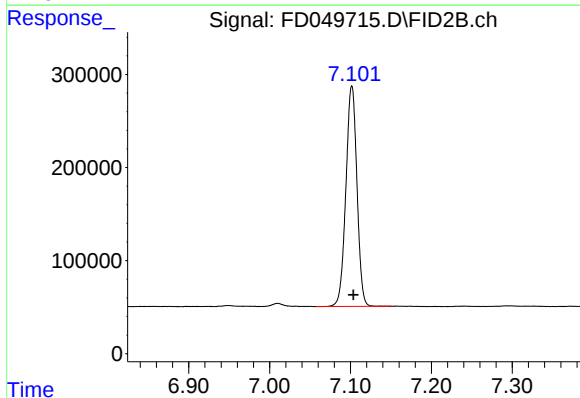
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.504 min
Delta R.T.: -0.005 min
Response: 2011809
Conc: 19.88 ug/ml



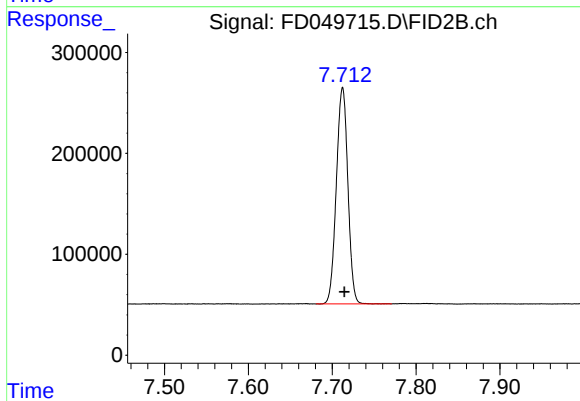
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.004 min
Response: 2238949
Conc: 19.53 ug/ml



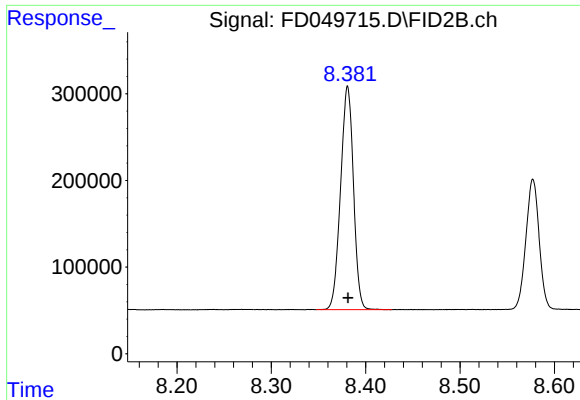
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 2254014
Conc: 18.89 ug/ml



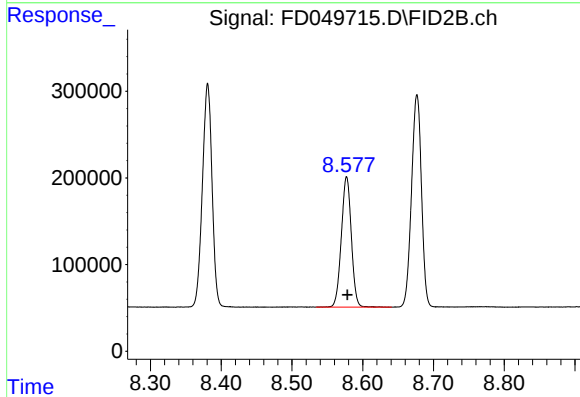
#4 2-Bromonaphthalene (SURR)

R.T.: 7.712 min
Delta R.T.: -0.002 min
Response: 2050502
Conc: 20.01 ug/ml



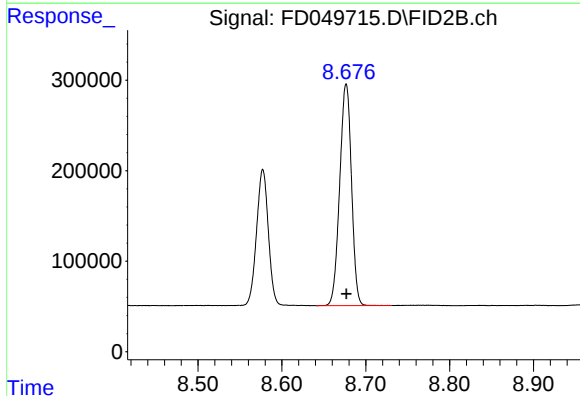
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2445349
Conc: 19.45 ug/ml



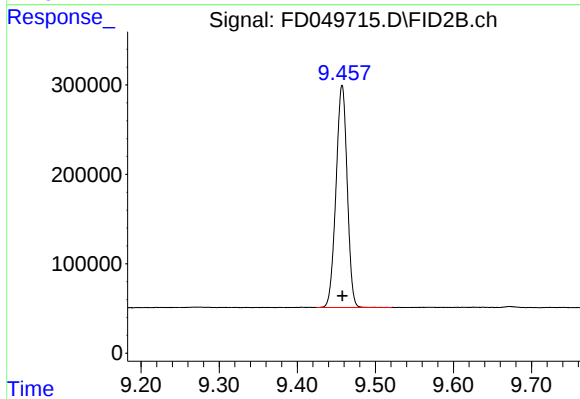
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.577 min
Delta R.T.: -0.001 min
Response: 1473958
Conc: 20.18 ug/ml



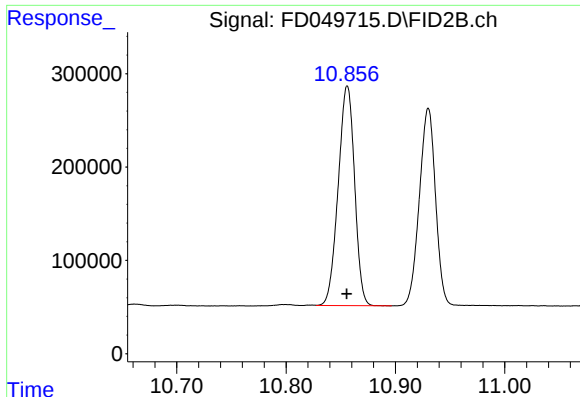
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2393413
Conc: 19.04 ug/ml



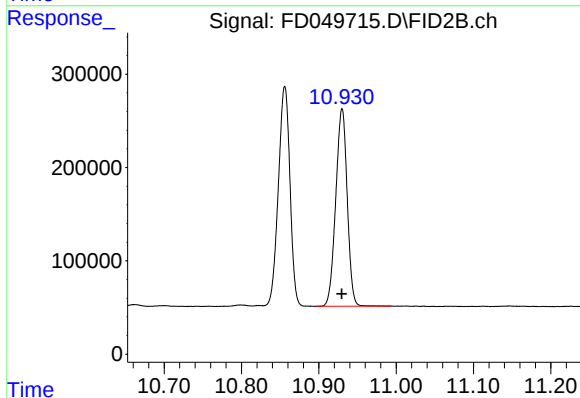
#8 Fluorene (C16.55)

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 2474886
Conc: 19.55 ug/ml



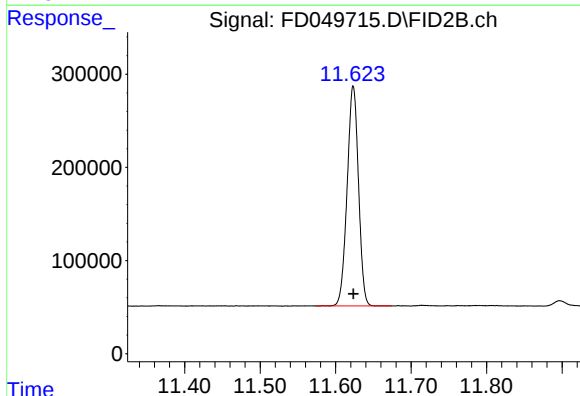
#9 Phenanthrene (C19.36)

R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 2451264
Conc: 18.98 ug/ml



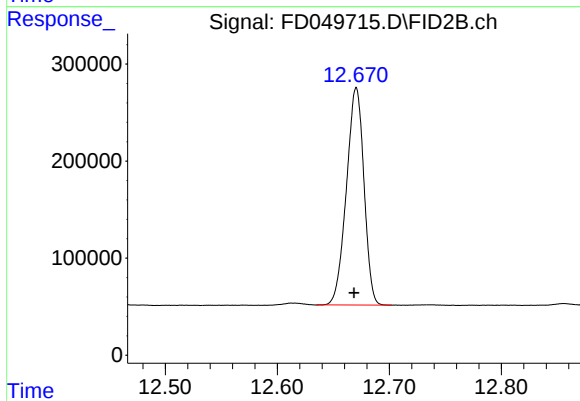
#10 Anthracene (C19.43)

R.T.: 10.930 min
Delta R.T.: 0.000 min
Response: 2179837
Conc: 17.69 ug/ml



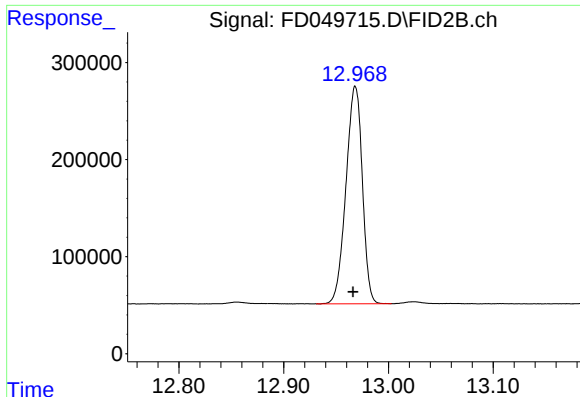
#11 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 2468905
Conc: 19.02 ug/ml



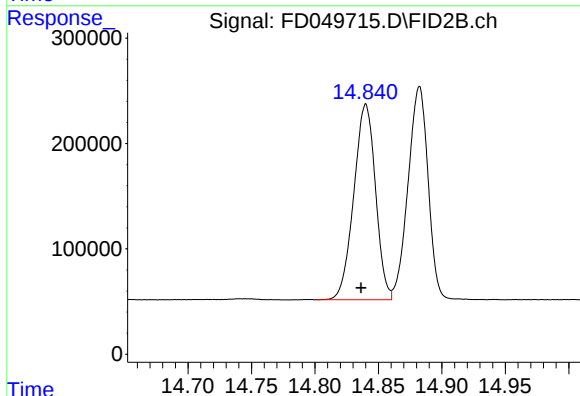
#12 Fluoranthene (C21.85)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 2433561
Conc: 19.01 ug/ml m



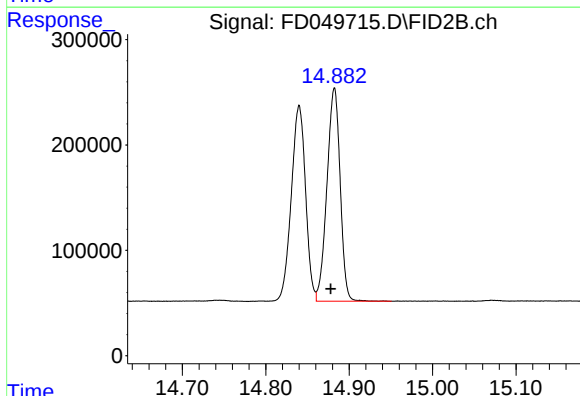
#13 Pyrene (C20.8)

R.T.: 12.968 min
Delta R.T.: 0.002 min
Response: 2431601
Conc: 19.15 ug/ml



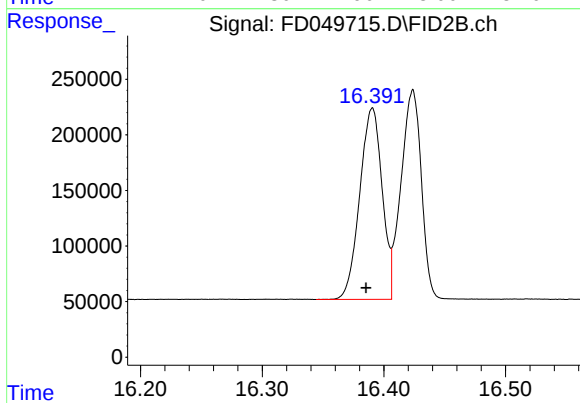
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 2207037
Conc: 19.13 ug/ml



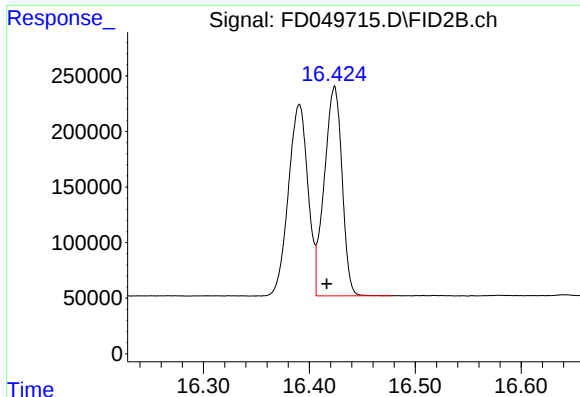
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2230775
Conc: 19.05 ug/ml



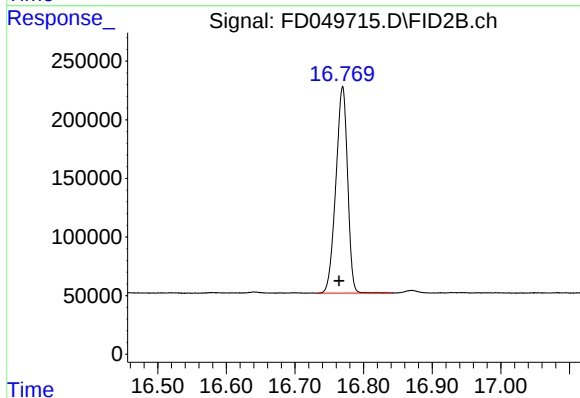
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.390 min
Delta R.T.: 0.005 min
Response: 2203253
Conc: 19.37 ug/ml



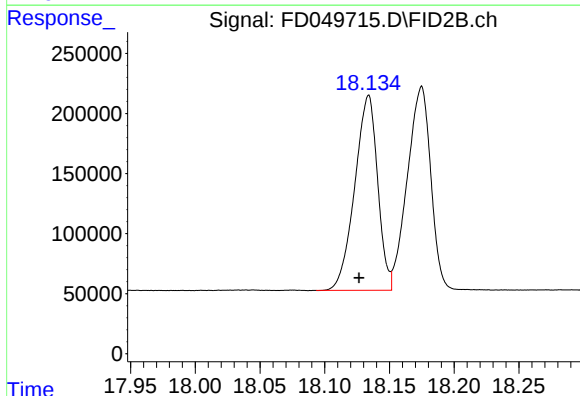
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.424 min
Delta R.T.: 0.007 min
Response: 2187197
Conc: 20.43 ug/ml



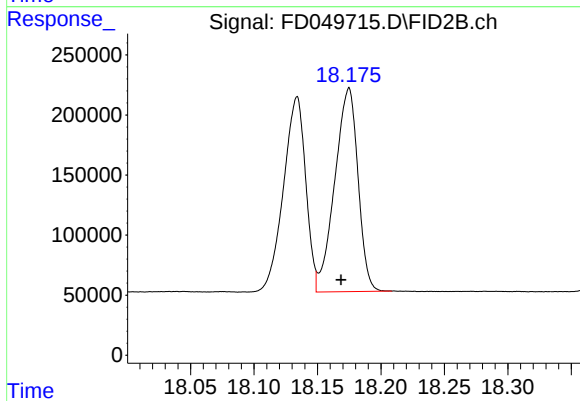
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.769 min
Delta R.T.: 0.005 min
Response: 2088433
Conc: 18.83 ug/ml



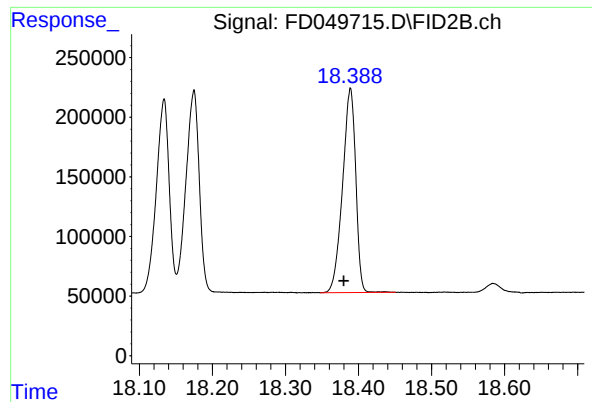
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.007 min
Response: 2000204
Conc: 19.40 ug/ml m



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

R.T.: 18.175 min
Delta R.T.: 0.006 min
Response: 2159036
Conc: 19.81 ug/ml m



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2144353
Conc: 19.62 ug/ml