

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070122AR\
 Data File : FD043151.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2022 11:29
 Operator : YP/AJ
 Sample : N3214-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 02 04:03:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.629	6204450	40.182 ug/ml
Spiked Amount 50.000		Recovery =	80.36%
6) S 2-Fluorobiphenyl (SURR)	8.492	4255954	40.351 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	80.70%
11) S ortho-Terphenyl (SURR)	11.536	6462479	35.557 ug/ml
Spiked Amount 50.000		Recovery =	71.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	224918	1.339 ug/ml
2) T Naphthalene (C11.7)	5.964	247908	1.416 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	276795	1.721 ug/ml
5) T Acenaphthylene (C15.06)	8.292	268375	1.510 ug/ml
7) T Acenaphthene (C15.5)	8.587	303430	1.733 ug/ml
8) T Fluorene (C16.55)	9.370	251649	1.452 ug/ml
9) T Phenanthrene (C19.36)	10.765	236987	1.382 ug/ml
10) T Anthracene (C19.43)	10.840	238112	1.402 ug/ml
12) T Fluoranthene (C21.85)	12.575	249187	1.486 ug/ml
13) T Pyrene (C20.8)	12.872	248360	1.524 ug/mlm
14) T Benzo[a]anthracene (C...	14.744	215385	1.387 ug/mlm
15) T Chrysene (C27.41)	14.786	310031	1.964 ug/ml
16) T benzo[b]fluoranthene ...	16.291	207382	1.360 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.322	237851	1.625 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	197227	1.379 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	198911	1.590 ug/mlm
20) T Dibenz[a,h]anthracene...	18.078	251897	1.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	201281	1.543 ug/ml

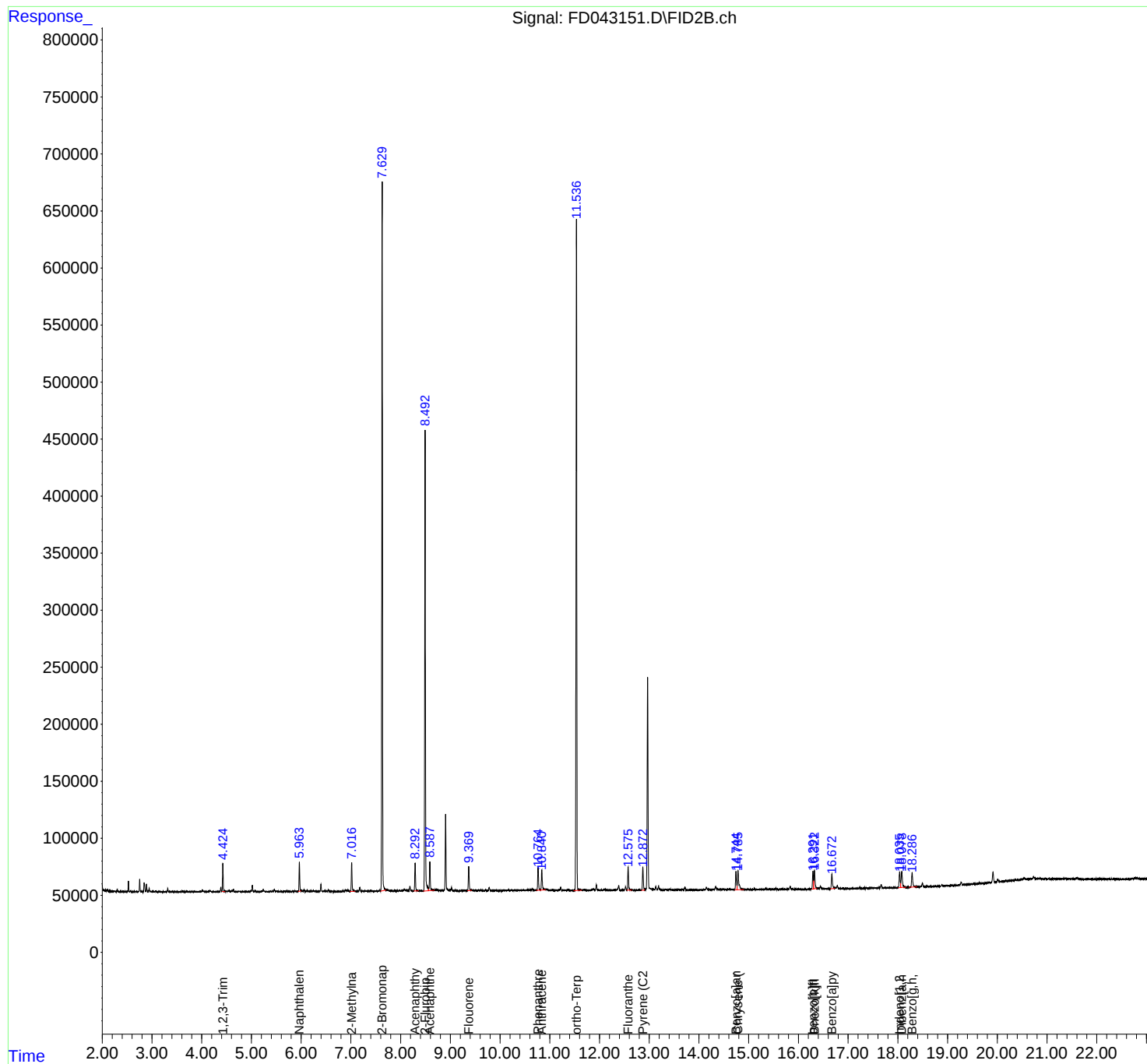
(f)=RT Delta > 1/2 Window

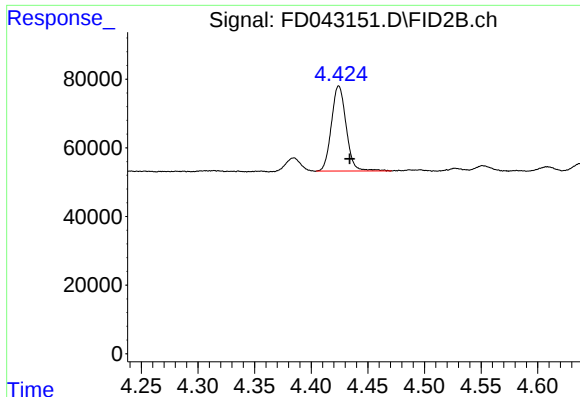
(m)=manual int.

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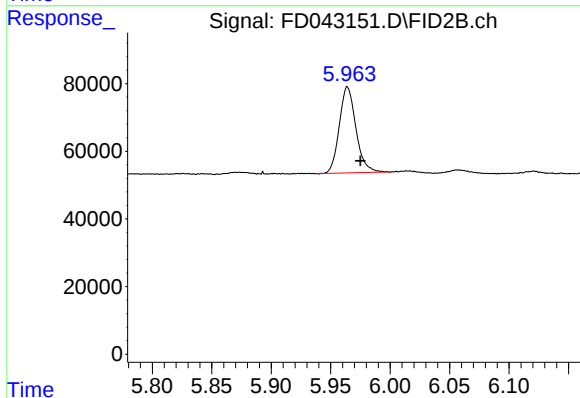
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Signal Info : 20M x 0.18mm x 0.18µm





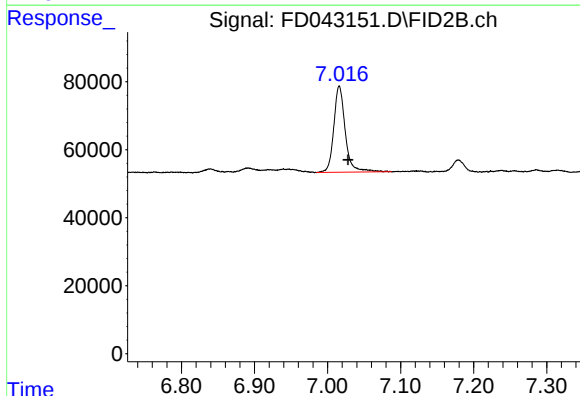
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 224918
Conc: 1.34 ug/ml



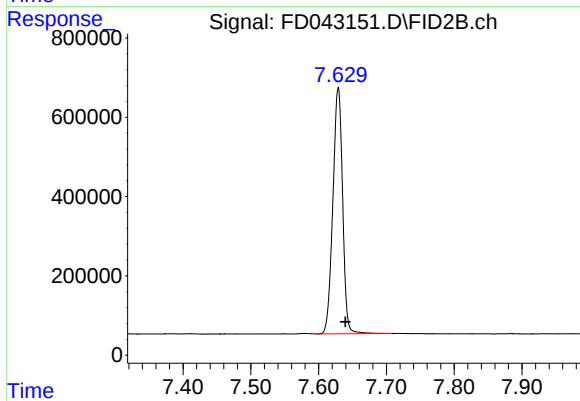
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 247908
Conc: 1.42 ug/ml



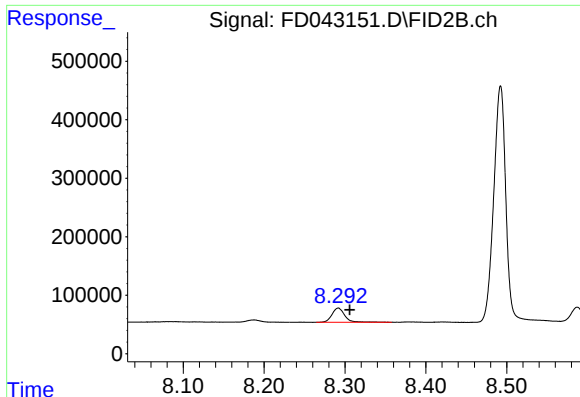
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.012 min
Response: 276795
Conc: 1.72 ug/ml



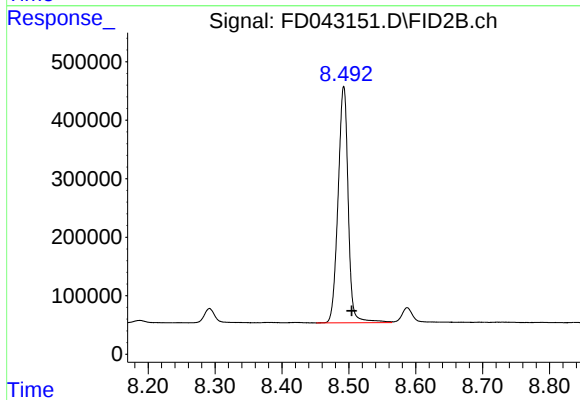
#4 2-Bromonaphthalene (SURR)

R.T.: 7.629 min
Delta R.T.: -0.011 min
Response: 6204450
Conc: 40.18 ug/ml



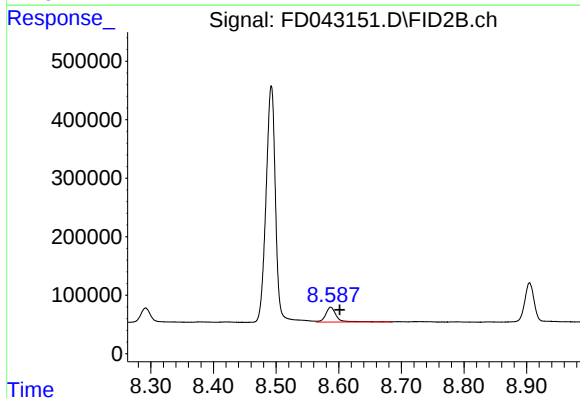
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.014 min
Response: 268375
Conc: 1.51 ug/ml



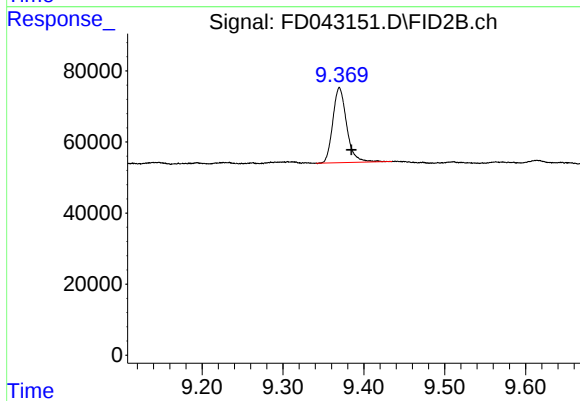
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.492 min
Delta R.T.: -0.012 min
Response: 4255954
Conc: 40.35 ug/ml



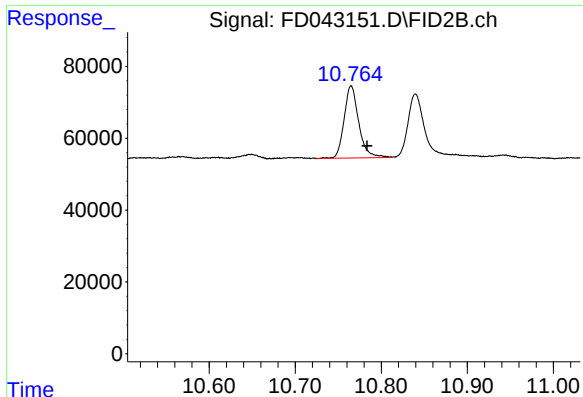
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.014 min
Response: 303430
Conc: 1.73 ug/ml



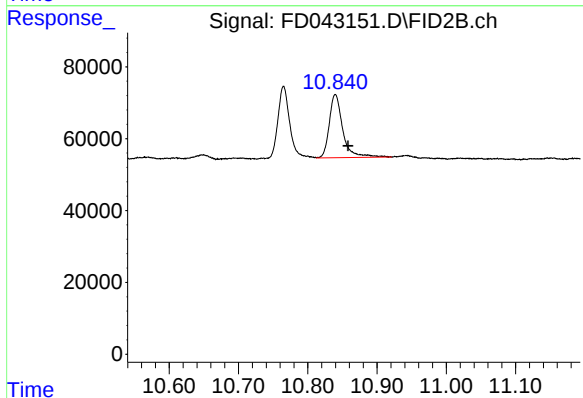
#8 Fluorene (C16.55)

R.T.: 9.370 min
Delta R.T.: -0.015 min
Response: 251649
Conc: 1.45 ug/ml



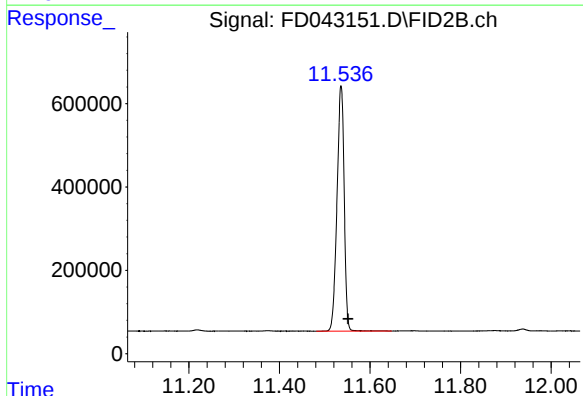
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 236987
Conc: 1.38 ug/ml



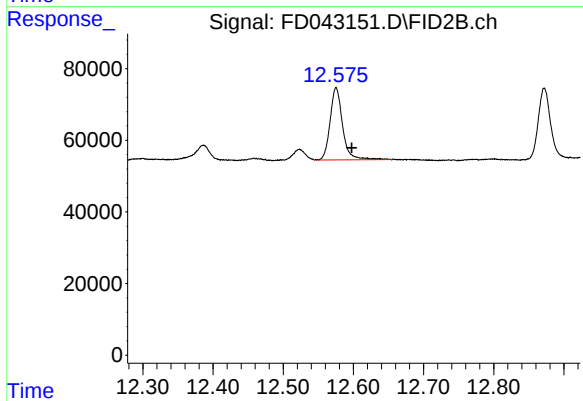
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: -0.018 min
Response: 238112
Conc: 1.40 ug/ml



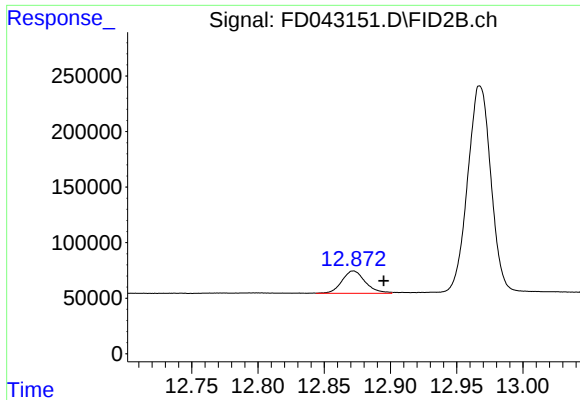
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 6462479
Conc: 35.56 ug/ml



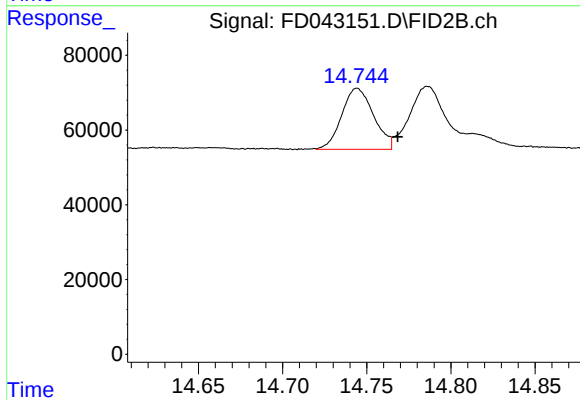
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.022 min
Response: 249187
Conc: 1.49 ug/ml



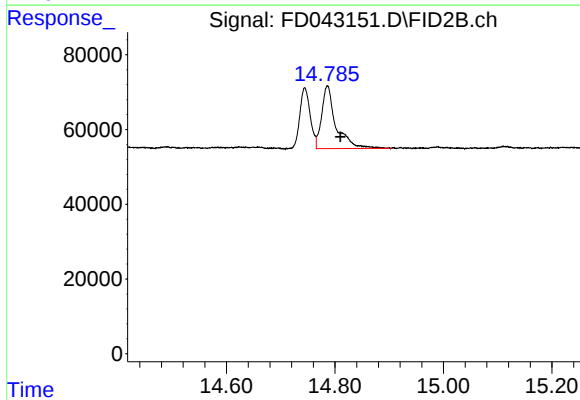
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: -0.023 min
Response: 248360
Conc: 1.52 ug/ml m



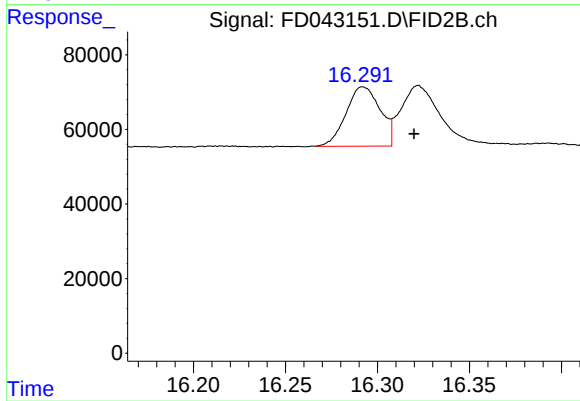
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.024 min
Response: 215385
Conc: 1.39 ug/ml m



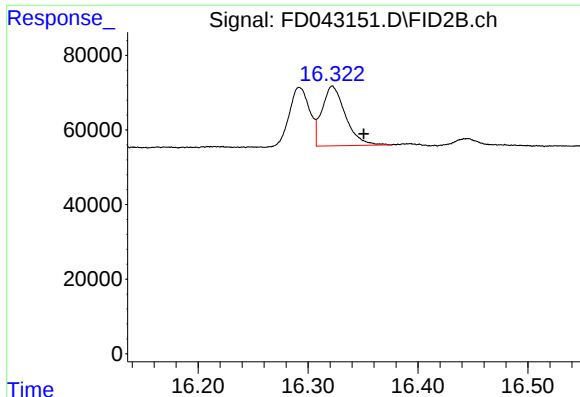
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 310031
Conc: 1.96 ug/ml



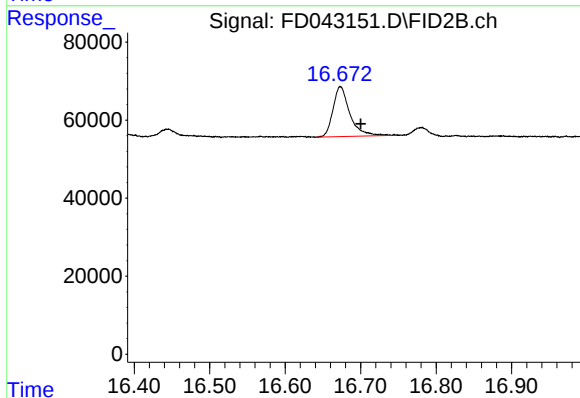
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.291 min
Delta R.T.: -0.029 min
Response: 207382
Conc: 1.36 ug/ml m



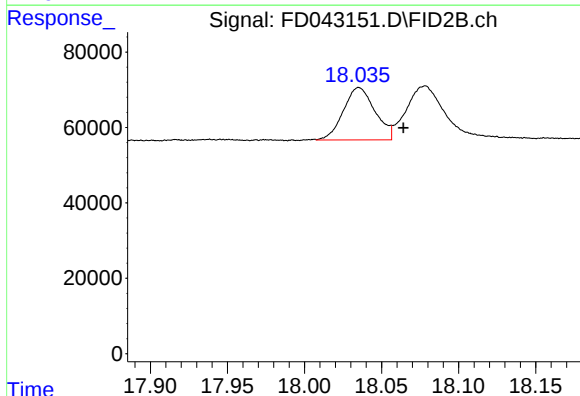
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: -0.028 min
Response: 237851
Conc: 1.63 ug/ml



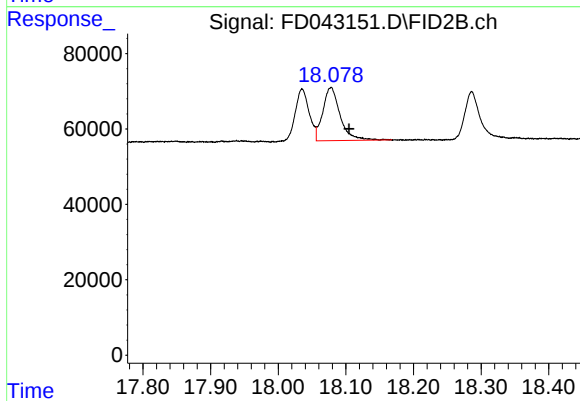
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 197227
Conc: 1.38 ug/ml



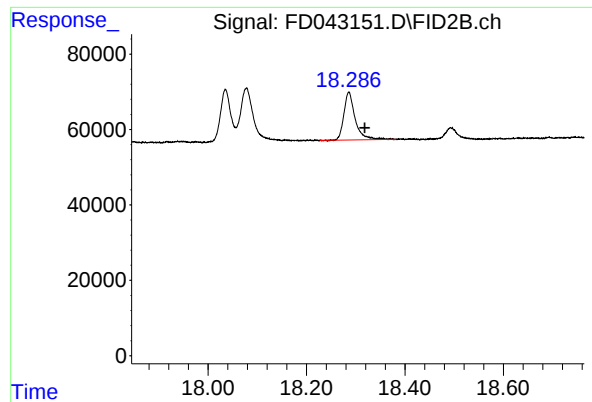
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: -0.030 min
Response: 198911
Conc: 1.59 ug/ml m



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

R.T.: 18.078 min
Delta R.T.: -0.027 min
Response: 251897
Conc: 1.87 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.032 min
Response: 201281
Conc: 1.54 ug/ml