

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080422AR\
 Data File : FD043493.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 10:32
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 15:39:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 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...	7.617	5694468	40.257 ug/ml
Spiked Amount 50.000		Recovery =	80.51%
6) S 2-Fluorobiphenyl (SURR)	8.481	3865275	40.659 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	81.32%
11) S ortho-Terphenyl (SURR)	11.528	5682420	33.526 ug/ml
Spiked Amount 50.000		Recovery =	67.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	276472	1.763 ug/ml
2) T Naphthalene (C11.7)	5.952	305192	1.888 ug/ml
3) T 2-Methylnaphthalene (...)	7.004	302219	2.064 ug/ml
5) T Acenaphthylene (C15.06)	8.281	296602	1.827 ug/ml
7) T Acenaphthene (C15.5)	8.576	368736	2.281 ug/ml
8) T Fluorene (C16.55)	9.361	297686	1.900 ug/ml
9) T Phenanthrene (C19.36)	10.758	281441	1.796 ug/ml
10) T Anthracene (C19.43)	10.832	267121	1.734 ug/ml
12) T Fluoranthene (C21.85)	12.570	304286	1.921 ug/ml
13) T Pyrene (C20.8)	12.867	294316	1.873 ug/ml
14) T Benzo[a]anthracene (C...	14.741	257893	1.748 ug/ml
15) T Chrysene (C27.41)	14.782	343179	2.196 ug/ml
16) T benzo[b]fluoranthene ...	16.290	274941	1.838 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.322	303286	2.021 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	283840	2.008 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	238461	2.018 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	368171	2.596 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	293342	2.256 ug/ml

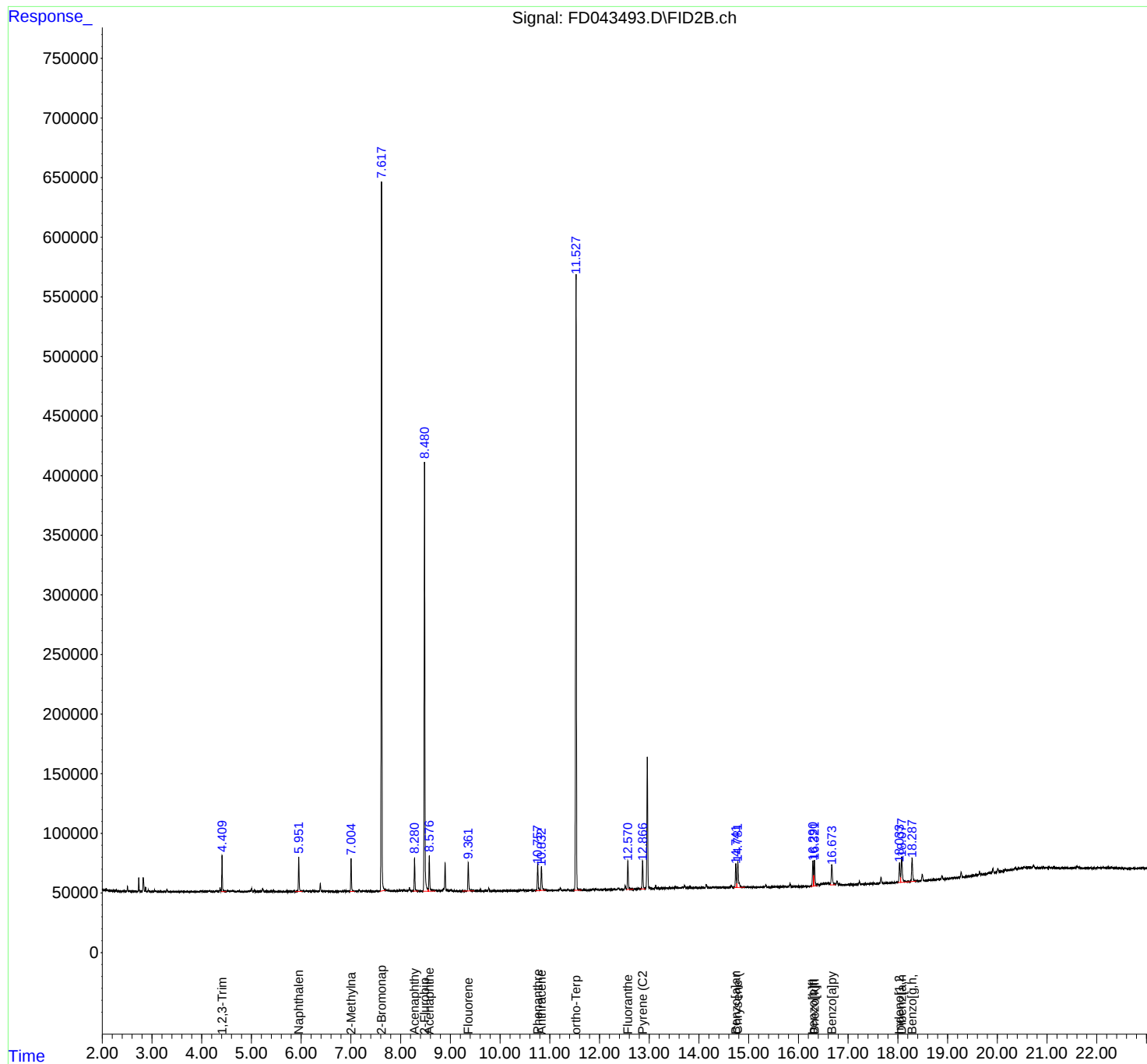
(f)=RT Delta > 1/2 Window

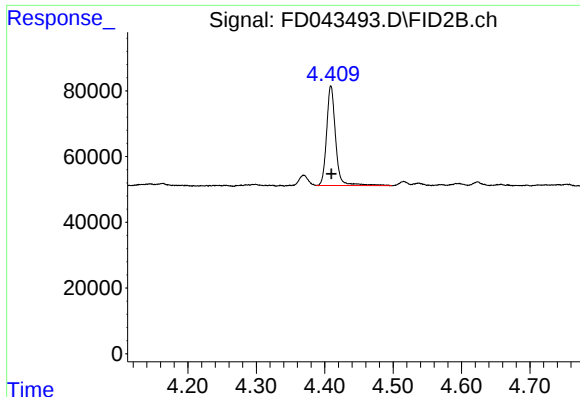
(m)=manual int.

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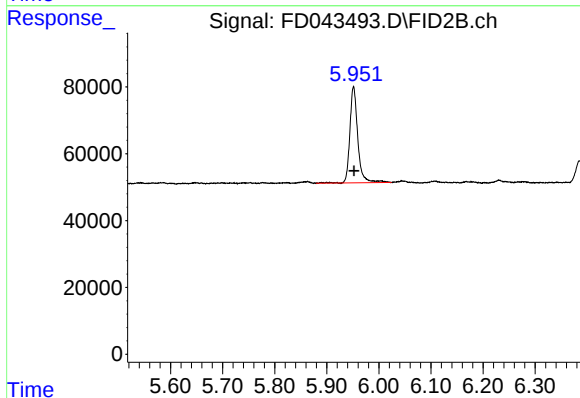
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Signal Info : 20M x 0.18mm x 0.18µm





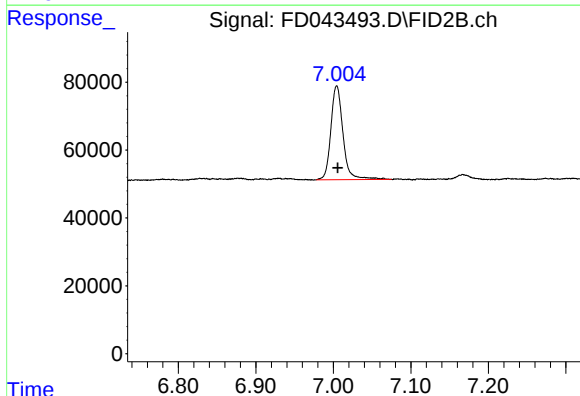
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 276472
Conc: 1.76 ug/ml



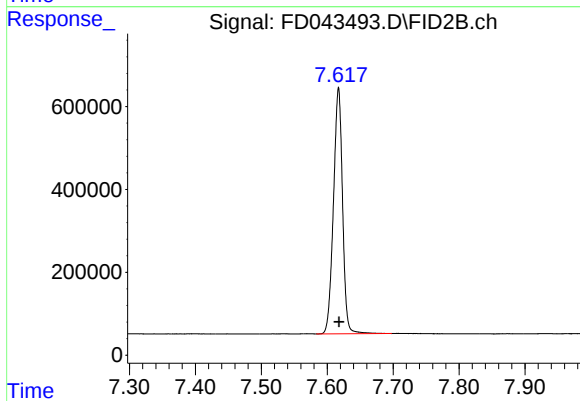
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 305192
Conc: 1.89 ug/ml



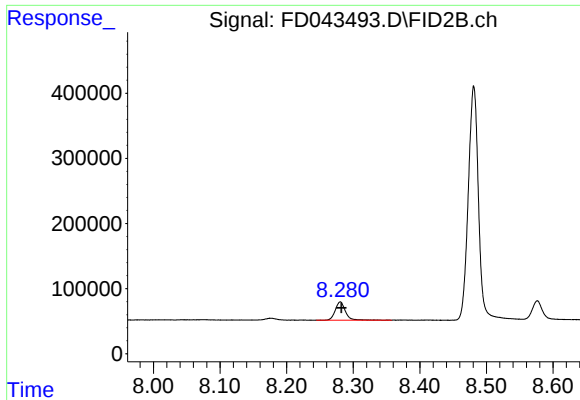
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 302219
Conc: 2.06 ug/ml



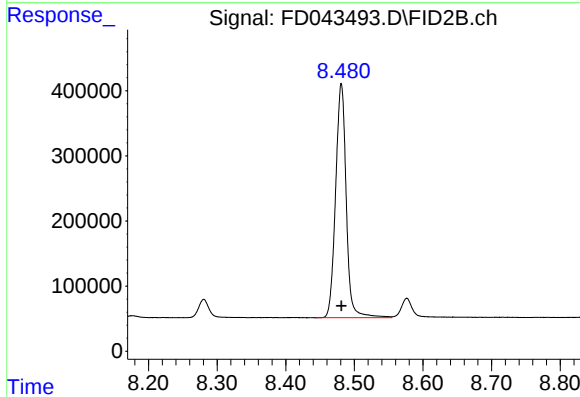
#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: -0.001 min
Response: 5694468
Conc: 40.26 ug/ml



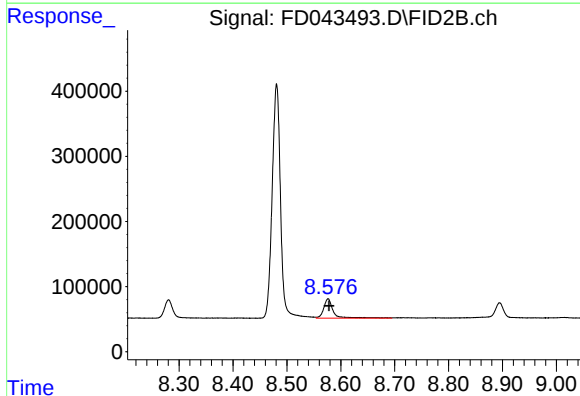
#5 Acenaphthylene (C15.06)

R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 296602
Conc: 1.83 ug/ml



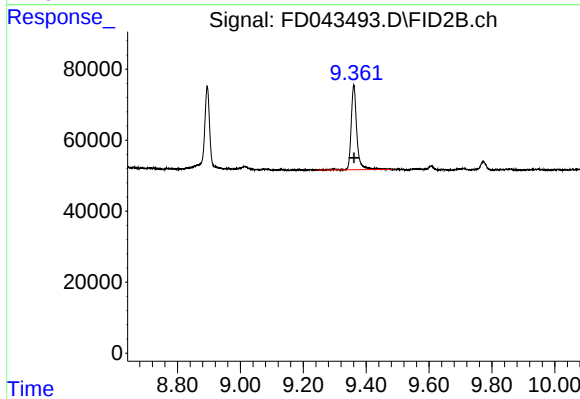
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 3865275
Conc: 40.66 ug/ml



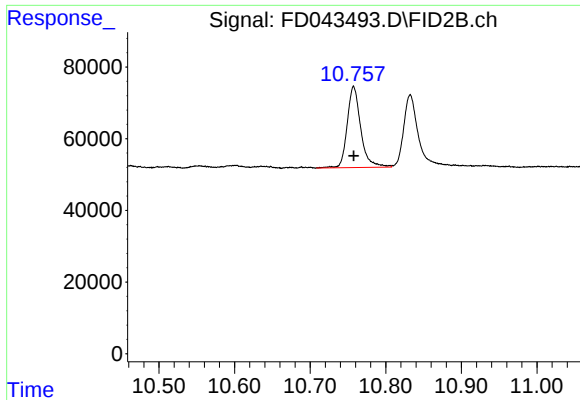
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.002 min
Response: 368736
Conc: 2.28 ug/ml



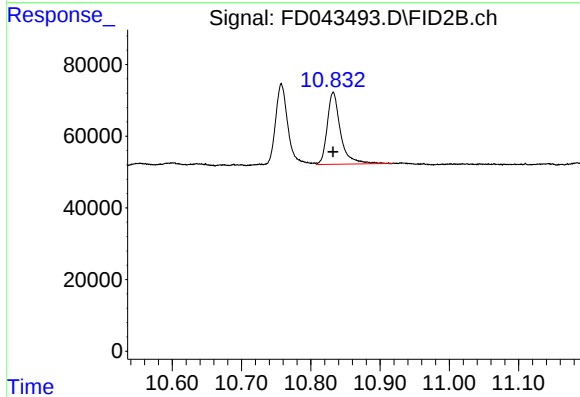
#8 Flouorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 297686
Conc: 1.90 ug/ml



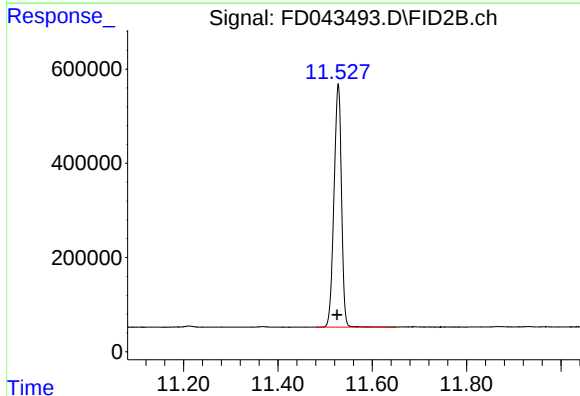
#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: 0.000 min
Response: 281441
Conc: 1.80 ug/ml



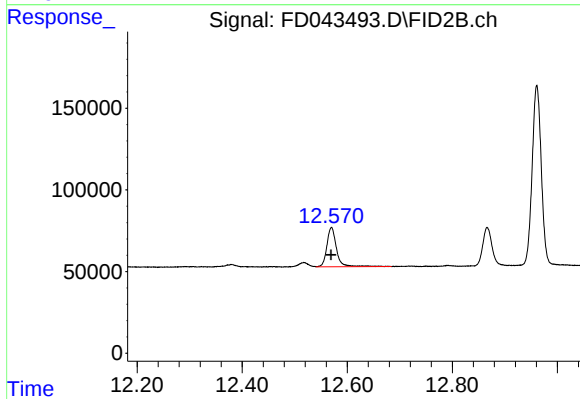
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: 0.000 min
Response: 267121
Conc: 1.73 ug/ml



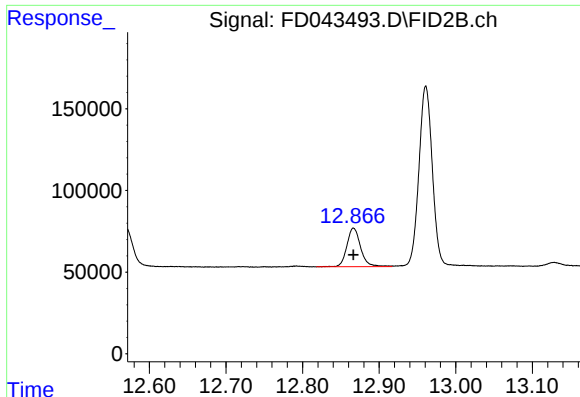
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: 0.002 min
Response: 5682420
Conc: 33.53 ug/ml



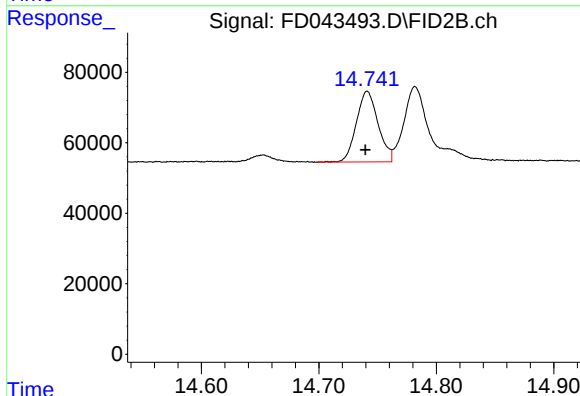
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 304286
Conc: 1.92 ug/ml



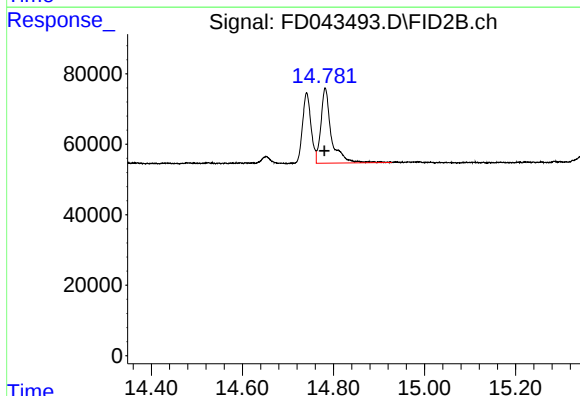
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 294316
Conc: 1.87 ug/ml



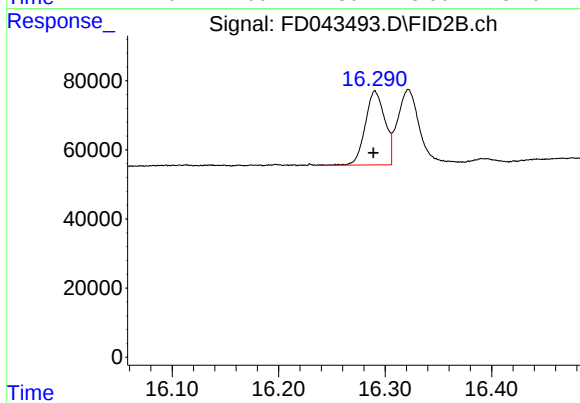
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.002 min
Response: 257893
Conc: 1.75 ug/ml



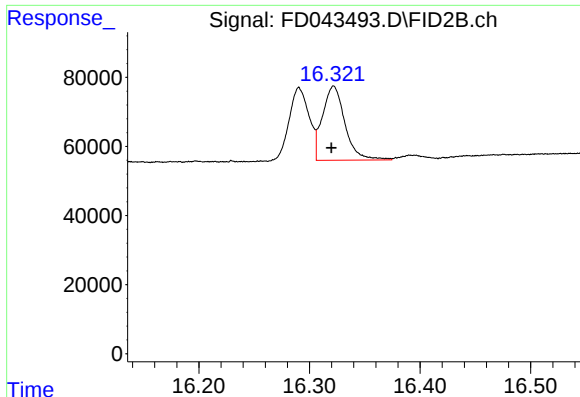
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.002 min
Response: 343179
Conc: 2.20 ug/ml



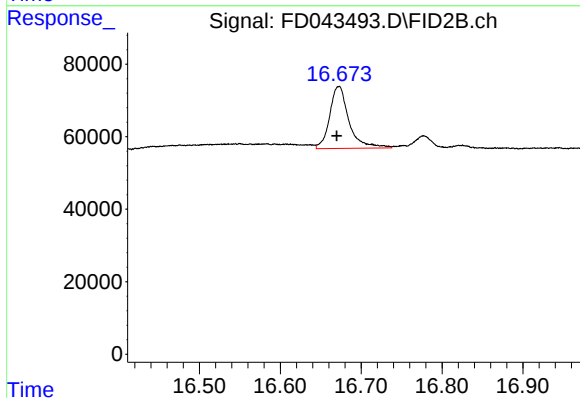
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: 0.001 min
Response: 274941
Conc: 1.84 ug/ml m



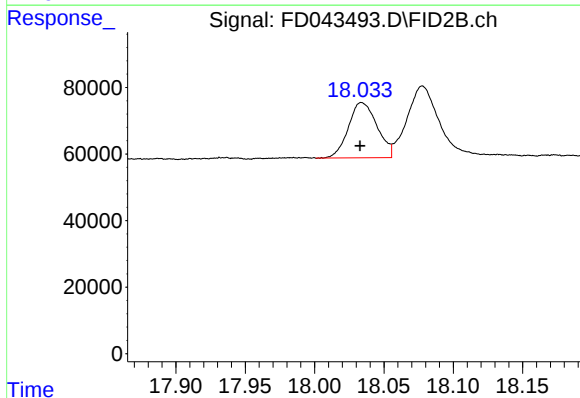
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: 0.002 min
Response: 303286
Conc: 2.02 ug/ml



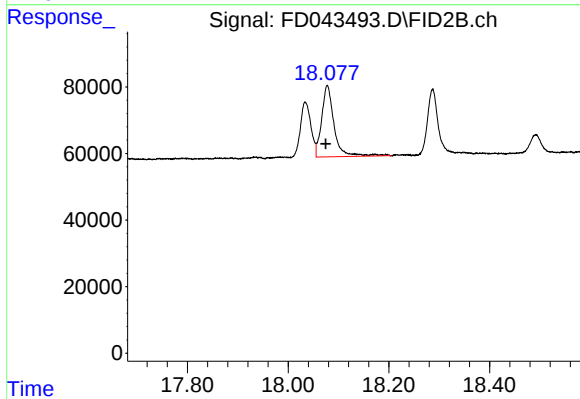
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.003 min
Response: 283840
Conc: 2.01 ug/ml



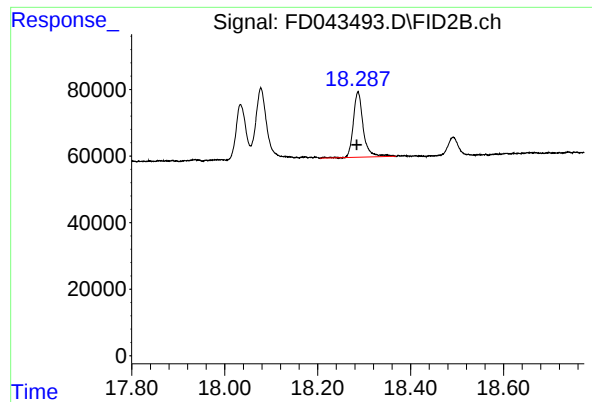
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.002 min
Response: 238461
Conc: 2.02 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.003 min
Response: 368171
Conc: 2.60 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.003 min
Response: 293342
Conc: 2.26 ug/ml