

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AR\
 Data File : FD039772.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 3:44
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 04:08:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 03:32:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.579	782741	5.630 ug/ml
Spiked Amount 50.000		Recovery =	11.26%
6) S 2-Fluorobiphenyl (SURR)	8.442	513513	5.495 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.99%
11) S ortho-Terphenyl (SURR)	11.475	952894	6.175 ug/ml
Spiked Amount 50.000		Recovery =	12.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	866066	5.830 ug/ml
2) T Naphthalene (C11.7)	5.918	856284	5.605 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	880206	5.589 ug/ml
5) T Acenaphthylene (C15.06)	8.242	896354	5.996 ug/ml
7) T Acenaphthene (C15.5)	8.535	960104	6.052 ug/ml
8) T Flouorene (C16.55)	9.317	872683	5.725 ug/ml
9) T Phenanthrene (C19.36)	10.711	898916	5.872 ug/ml
10) T Anthracene (C19.43)	10.788	791757	5.513 ug/ml
12) T Fluoranthene (C21.85)	12.522	902514	5.925 ug/ml
13) T Pyrene (C20.8)	12.818	868922	5.884 ug/ml
14) T Benzo[a]anthracene (C...	14.689	642783	5.068 ug/ml
15) T Chrysene (C27.41)	14.729	754707	5.577 ug/ml
16) T benzo[b]fluoranthene ...	16.237	627015	5.111 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	694764	5.577 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	537485	4.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	522560	4.995 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	527588	5.111 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	572769	5.297 ug/ml

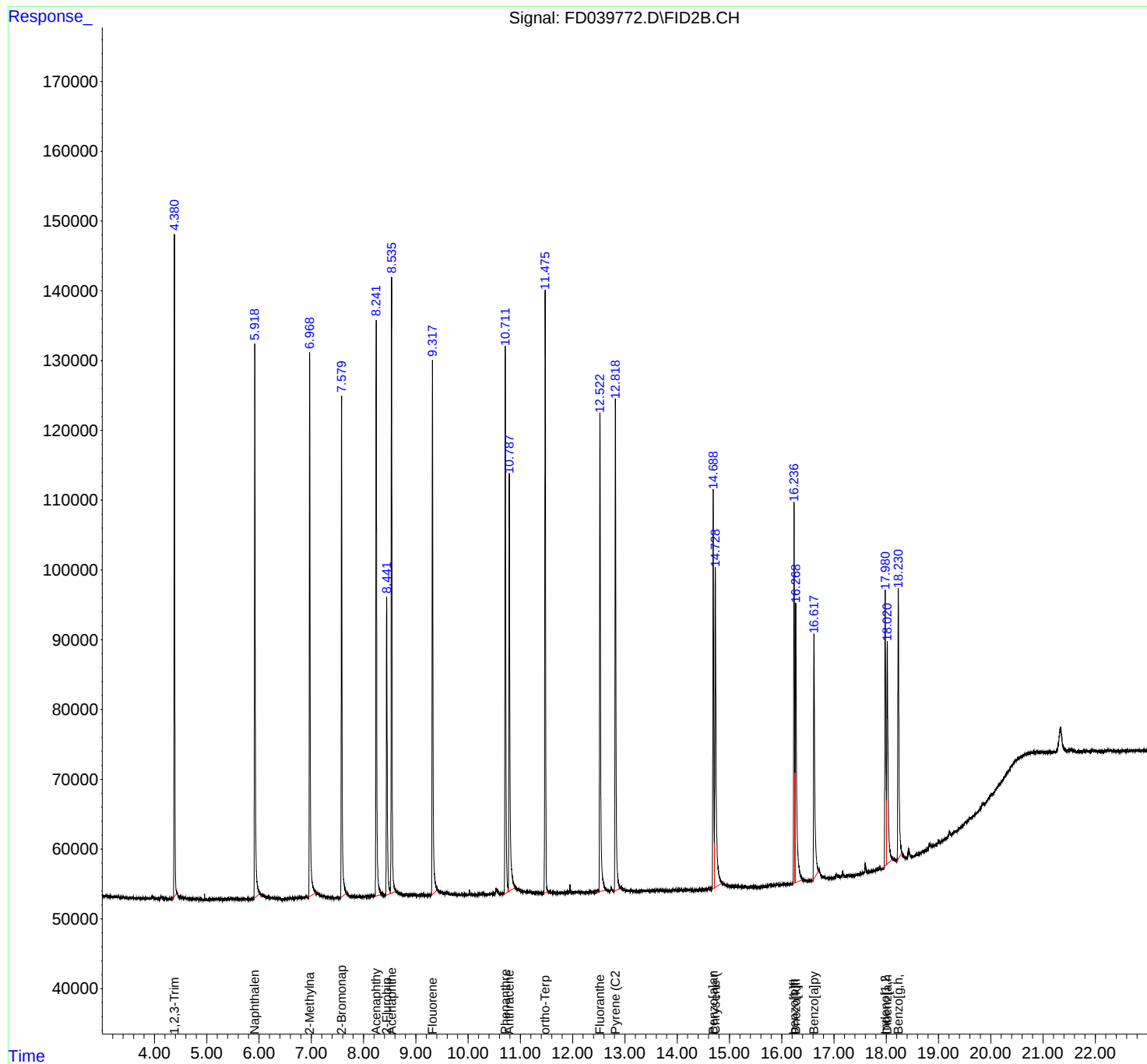
(f)=RT Delta > 1/2 Window

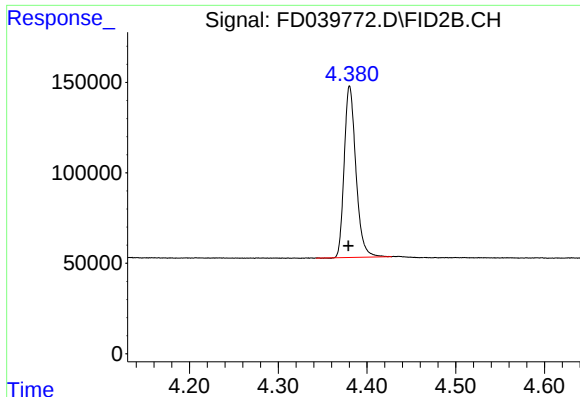
(m)=manual int.

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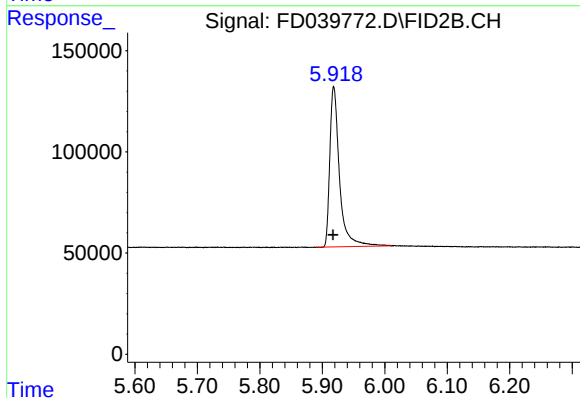
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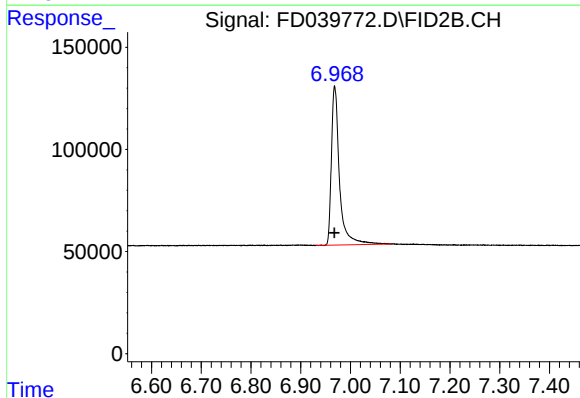
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: 0.001 min
Response: 866066
Conc: 5.83 ug/ml



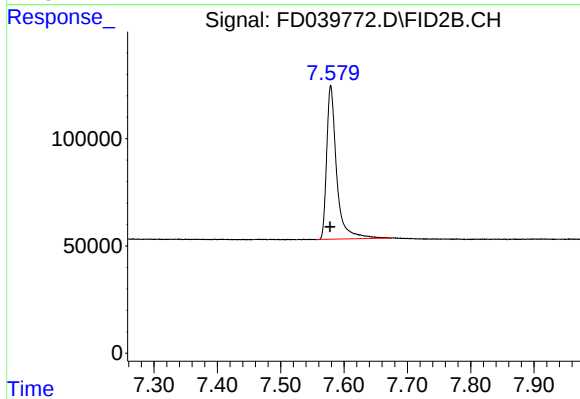
#2 Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.001 min
Response: 856284
Conc: 5.61 ug/ml



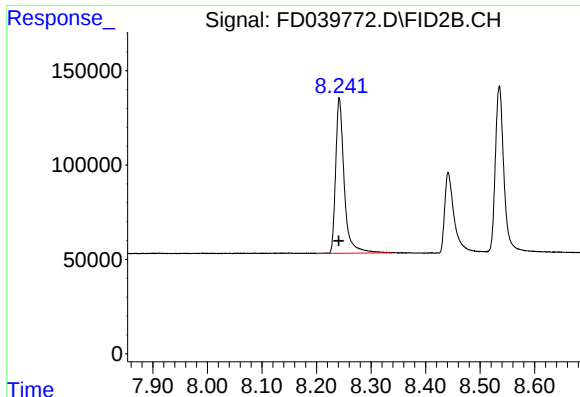
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 880206
Conc: 5.59 ug/ml



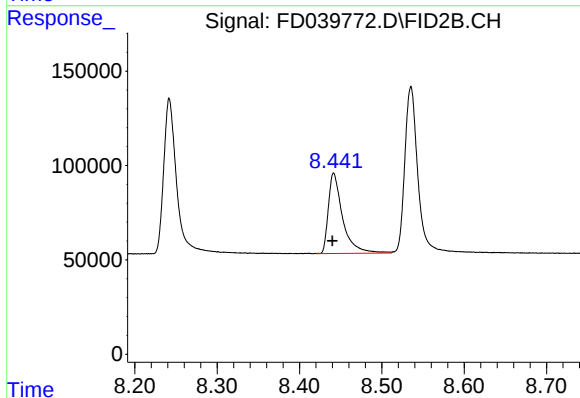
#4 2-Bromonaphthalene (SURR)

R.T.: 7.579 min
Delta R.T.: 0.001 min
Response: 782741
Conc: 5.63 ug/ml



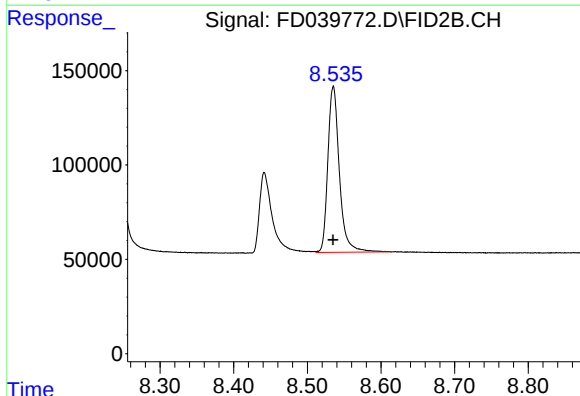
#5 Acenaphthylene (C15.06)

R.T.: 8.242 min
Delta R.T.: 0.001 min
Response: 896354
Conc: 6.00 ug/ml



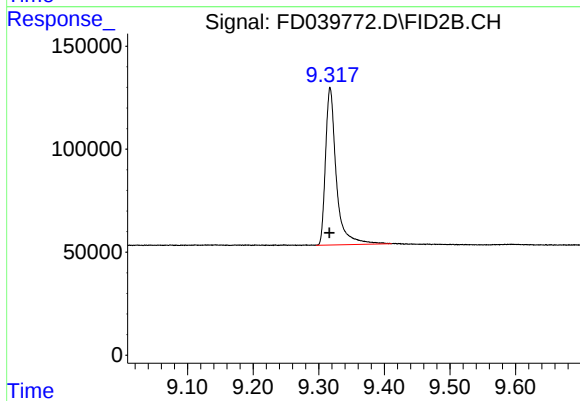
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.442 min
Delta R.T.: 0.002 min
Response: 513513
Conc: 5.49 ug/ml



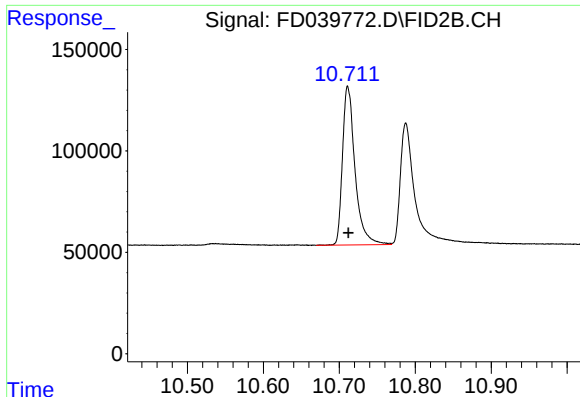
#7 Acenaphthene (C15.5)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 960104
Conc: 6.05 ug/ml



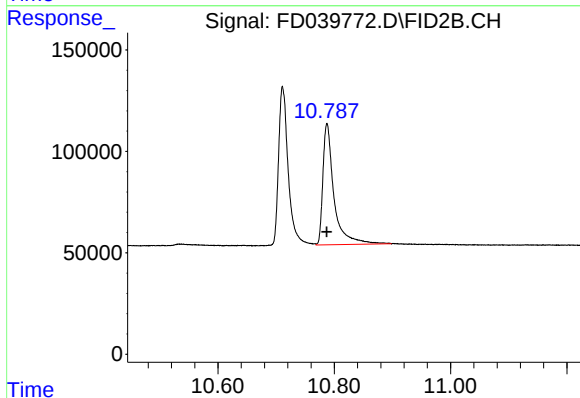
#8 Flouorene (C16.55)

R.T.: 9.317 min
Delta R.T.: 0.001 min
Response: 872683
Conc: 5.73 ug/ml



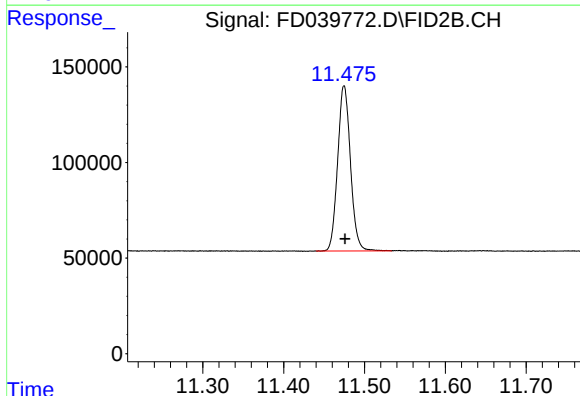
#9 Phenanthrene (C19.36)

R.T.: 10.711 min
Delta R.T.: 0.000 min
Response: 898916
Conc: 5.87 ug/ml



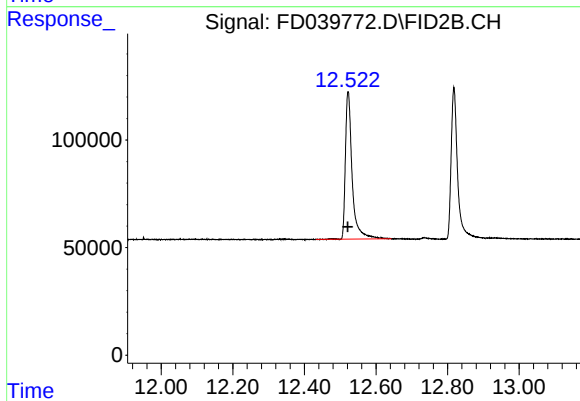
#10 Anthracene (C19.43)

R.T.: 10.788 min
Delta R.T.: 0.000 min
Response: 791757
Conc: 5.51 ug/ml



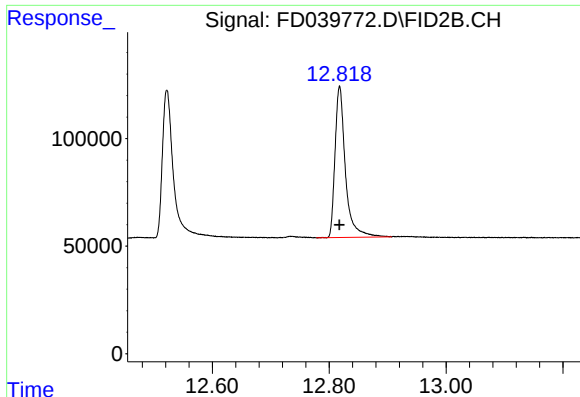
#11 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.001 min
Response: 952894
Conc: 6.17 ug/ml



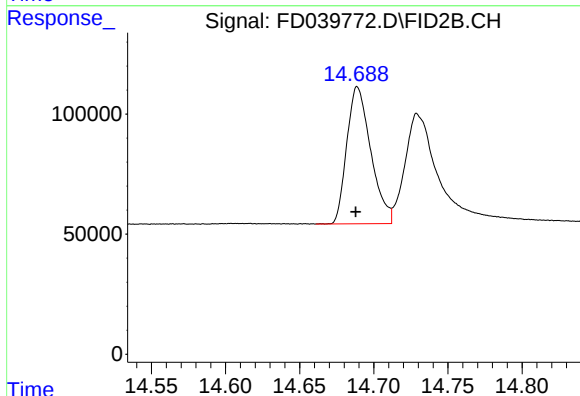
#12 Fluoranthene (C21.85)

R.T.: 12.522 min
Delta R.T.: 0.001 min
Response: 902514
Conc: 5.92 ug/ml



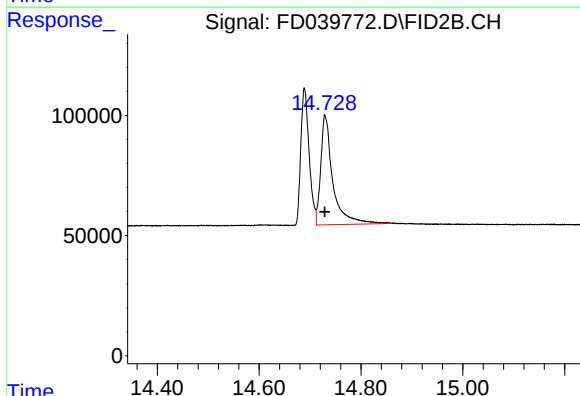
#13 Pyrene (C20.8)

R.T.: 12.818 min
Delta R.T.: 0.000 min
Response: 868922
Conc: 5.88 ug/ml



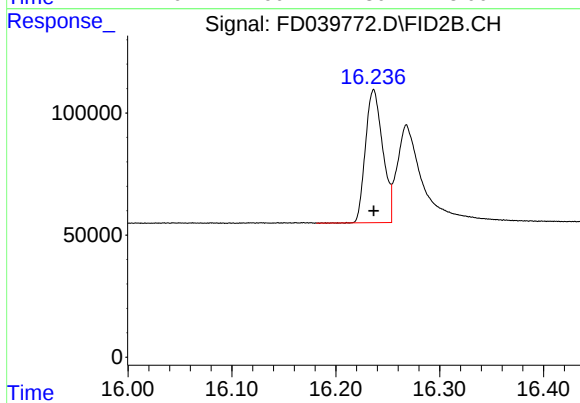
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.689 min
Delta R.T.: 0.001 min
Response: 642783
Conc: 5.07 ug/ml



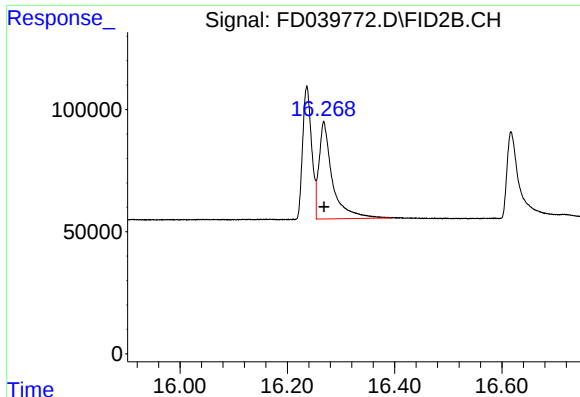
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: 0.000 min
Response: 754707
Conc: 5.58 ug/ml



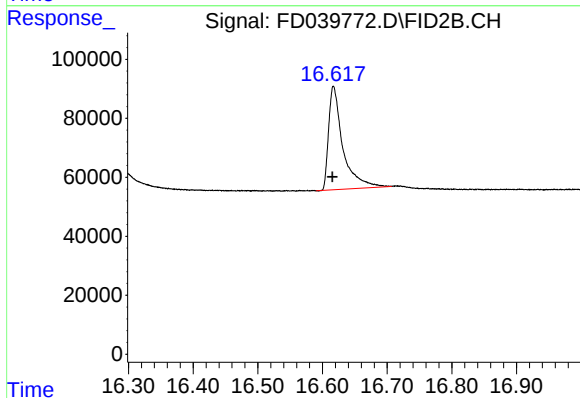
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.237 min
Delta R.T.: 0.000 min
Response: 627015
Conc: 5.11 ug/ml



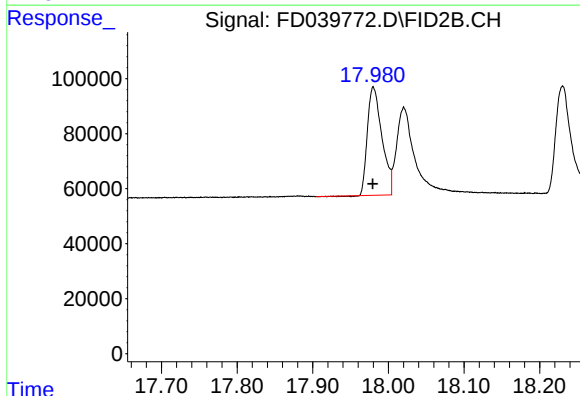
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.268 min
Delta R.T.: 0.000 min
Response: 694764
Conc: 5.58 ug/ml



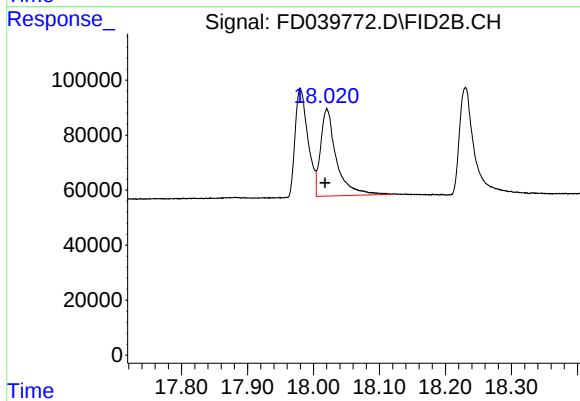
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: 0.002 min
Response: 537485
Conc: 4.70 ug/ml



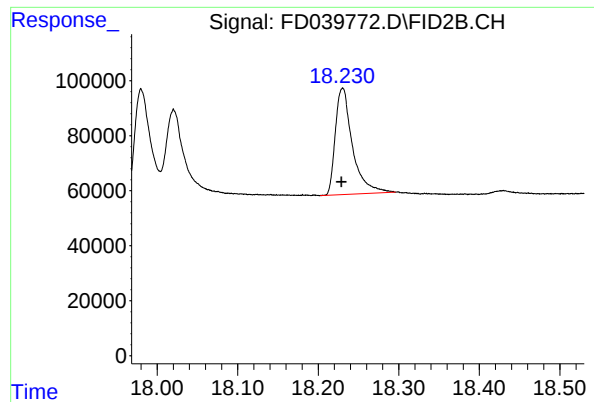
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 522560
Conc: 5.00 ug/ml



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

R.T.: 18.020 min
Delta R.T.: 0.003 min
Response: 527588
Conc: 5.11 ug/ml



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

R.T.: 18.230 min
Delta R.T.: 0.002 min
Response: 572769
Conc: 5.30 ug/ml