

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030323AR\
 Data File : FD045230.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2023 12:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 13:51:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.552	2816879	20.757 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
6) S 2-Fluorobiphenyl (SURR)	8.408	1867007	20.852 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.70%
11) S ortho-Terphenyl (SURR)	11.449	3453559	20.748 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3152475	20.815 ug/ml
2) T Naphthalene (C11.7)	5.892	3274323	20.727 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3268031	20.564 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2971512	20.723 ug/ml
7) T Acenaphthene (C15.5)	8.507	3147234	20.764 ug/ml
8) T Fluorene (C16.55)	9.286	3059930	20.783 ug/ml
9) T Phenanthrene (C19.36)	10.677	2962264	20.748 ug/ml
10) T Anthracene (C19.43)	10.750	2814564	20.086 ug/ml
12) T Fluoranthene (C21.85)	12.481	2885714	20.658 ug/ml
13) T Pyrene (C20.8)	12.776	2814153	20.665 ug/ml
14) T Benzo[a]anthracene (C...	14.641	2598845	20.387 ug/ml
15) T Chrysene (C27.41)	14.683	2655050	20.372 ug/ml
16) T benzo[b]fluoranthene ...	16.183	2646259	20.526 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	2607512	20.657 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2574973	20.459 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	2489308	20.809 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	2522765	20.915 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	2580485	20.739 ug/ml

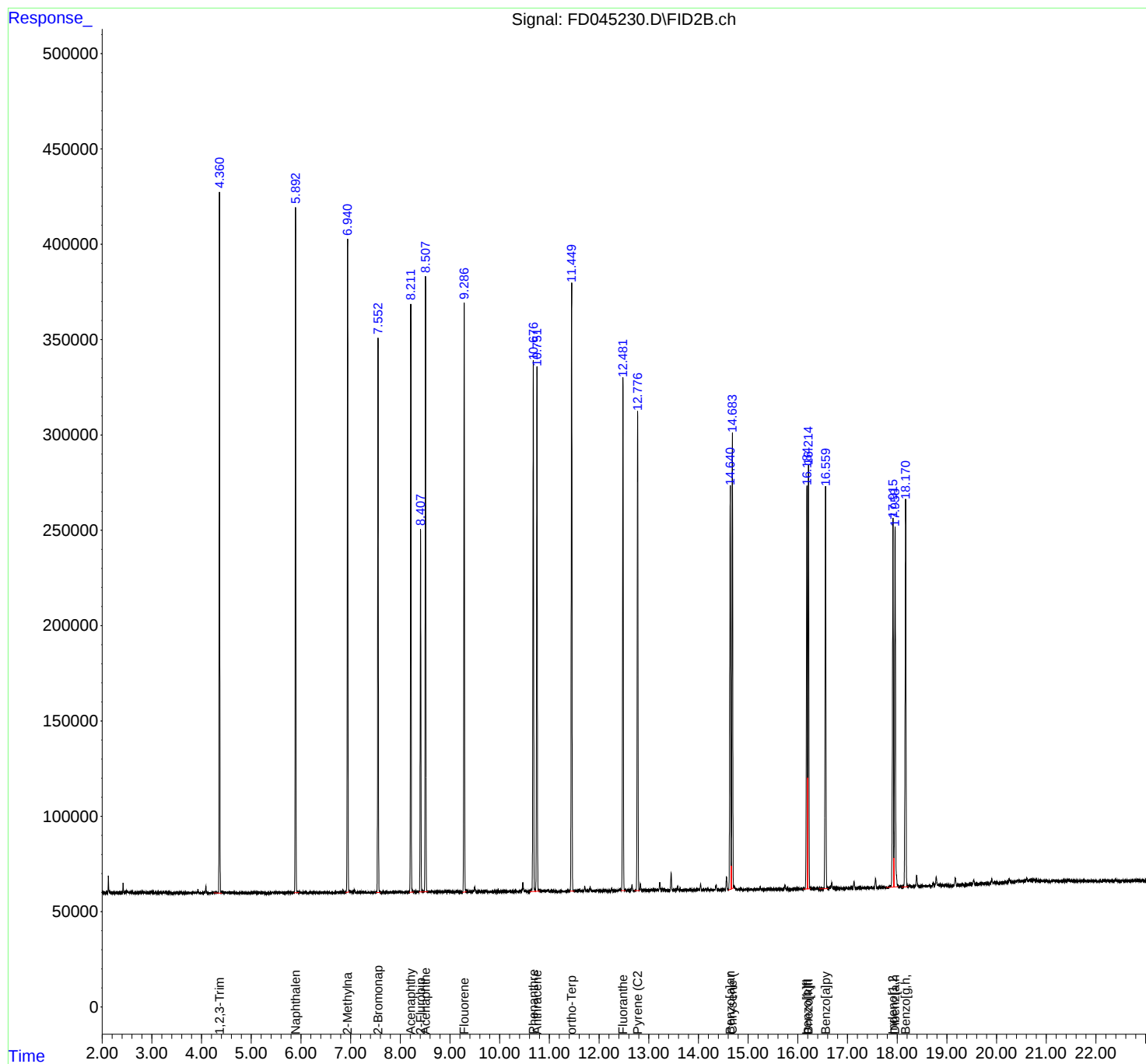
(f)=RT Delta > 1/2 Window

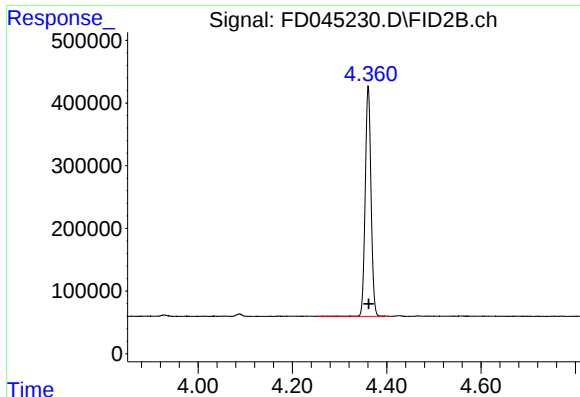
(m)=manual int.

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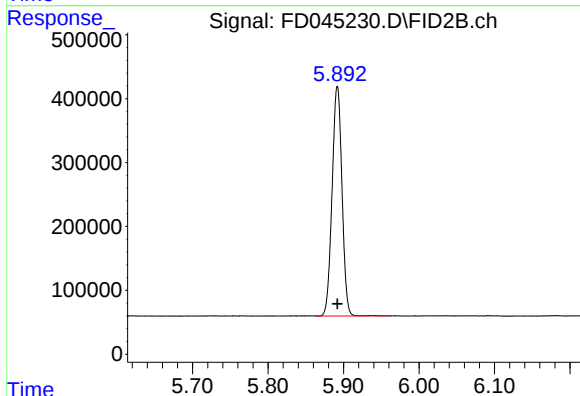
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





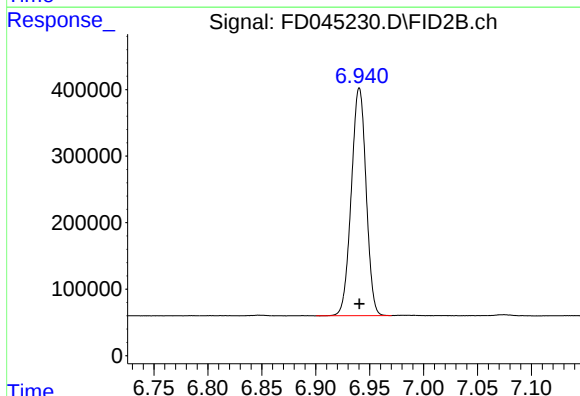
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 3152475
Conc: 20.82 ug/ml



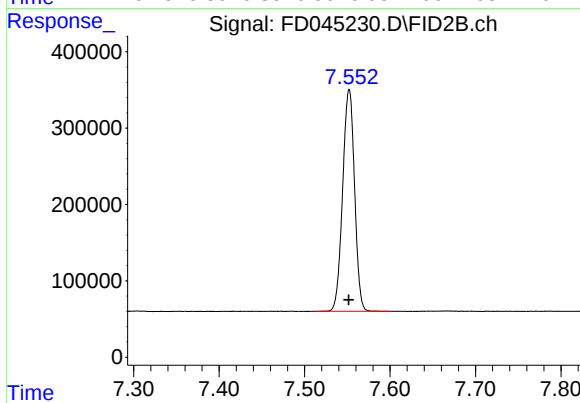
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 3274323
Conc: 20.73 ug/ml



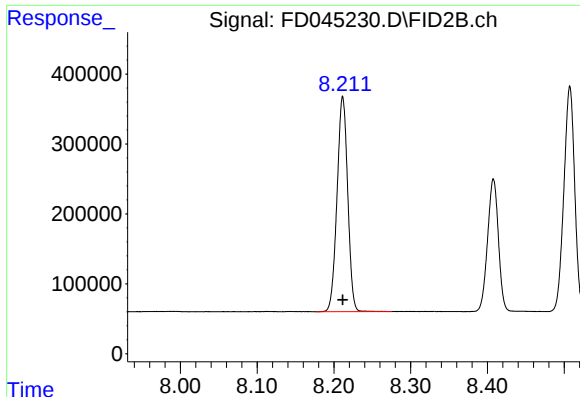
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3268031
Conc: 20.56 ug/ml



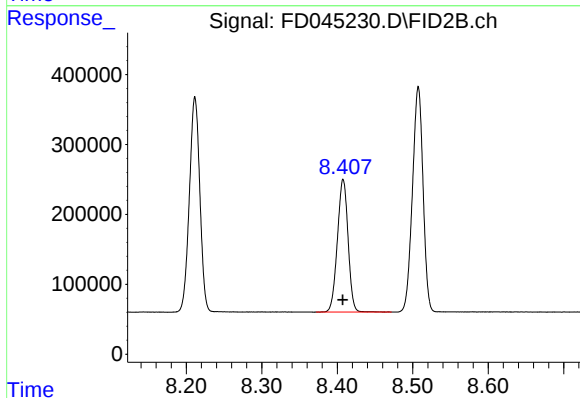
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2816879
Conc: 20.76 ug/ml



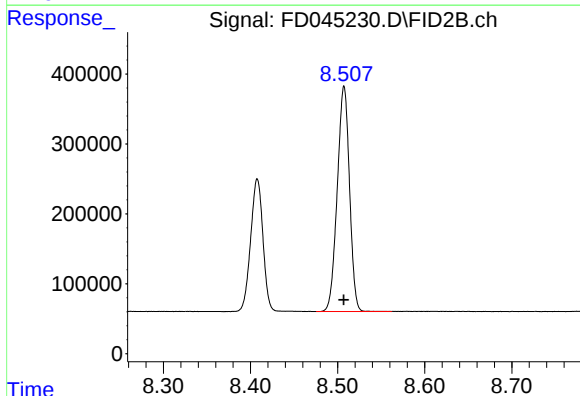
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 2971512
Conc: 20.72 ug/ml



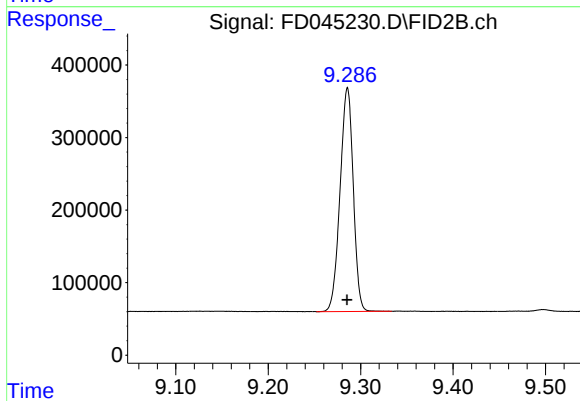
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 1867007
Conc: 20.85 ug/ml



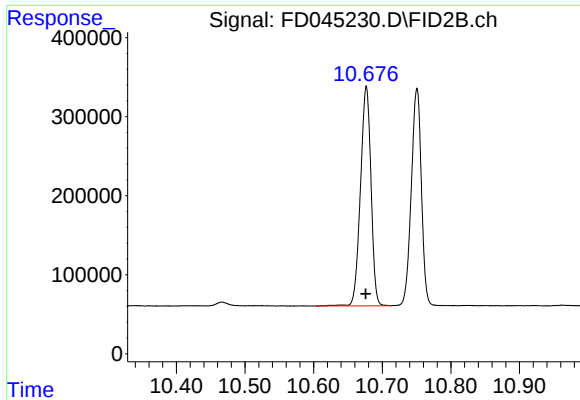
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 3147234
Conc: 20.76 ug/ml



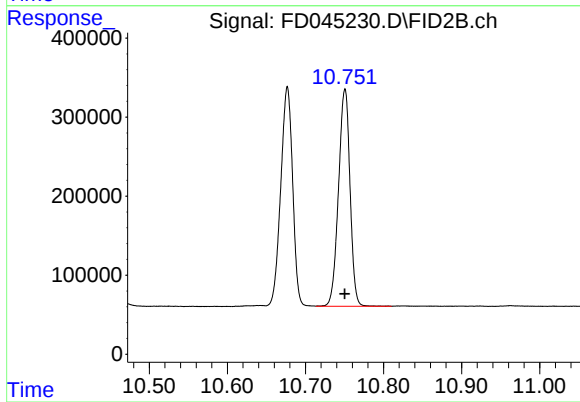
#8 Fluorene (C16.55)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 3059930
Conc: 20.78 ug/ml



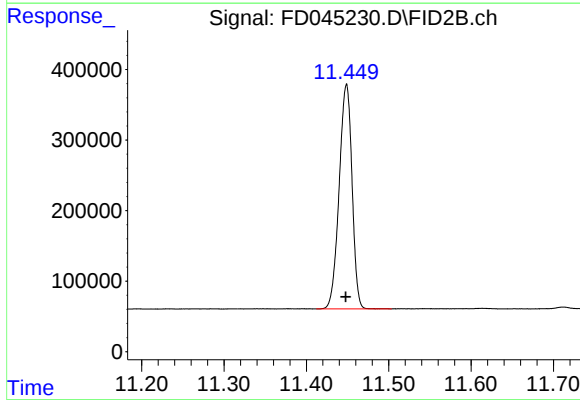
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 2962264
Conc: 20.75 ug/ml



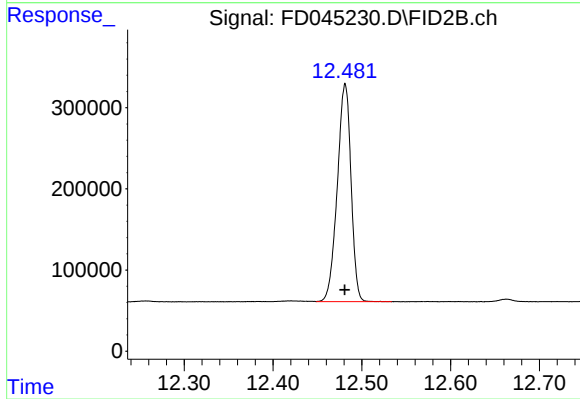
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 2814564
Conc: 20.09 ug/ml



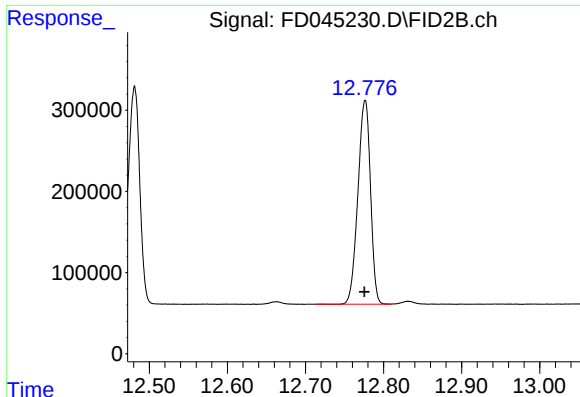
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.000 min
Response: 3453559
Conc: 20.75 ug/ml



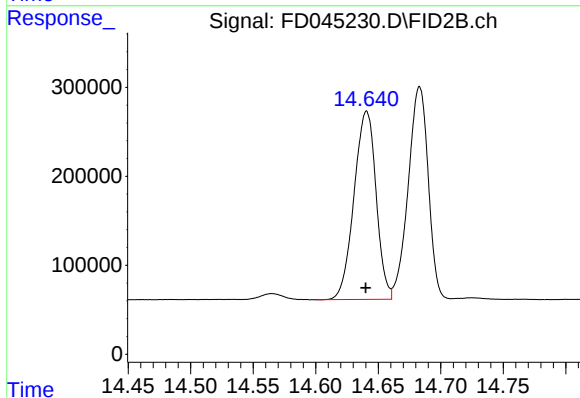
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 2885714
Conc: 20.66 ug/ml



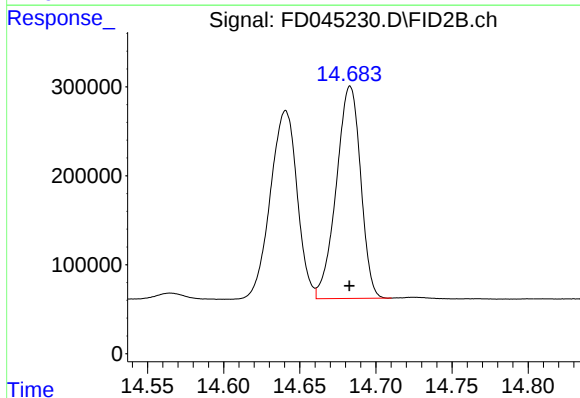
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 2814153
Conc: 20.67 ug/ml



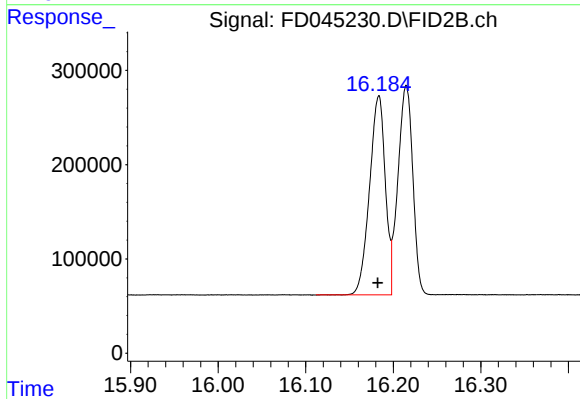
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.641 min
Delta R.T.: 0.000 min
Response: 2598845
Conc: 20.39 ug/ml



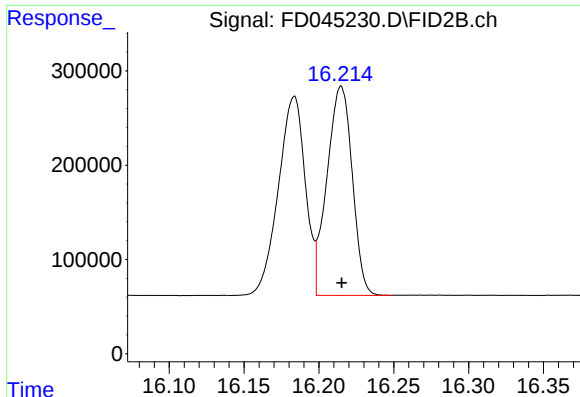
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.000 min
Response: 2655050
Conc: 20.37 ug/ml



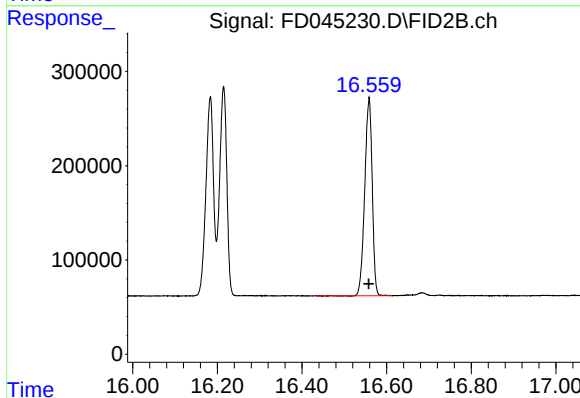
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 2646259
Conc: 20.53 ug/ml



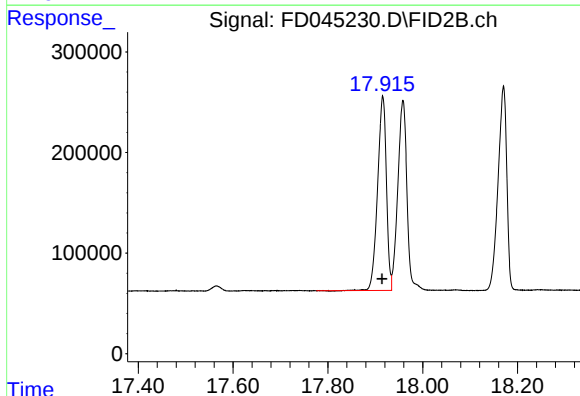
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.215 min
Delta R.T.: 0.000 min
Response: 2607512
Conc: 20.66 ug/ml



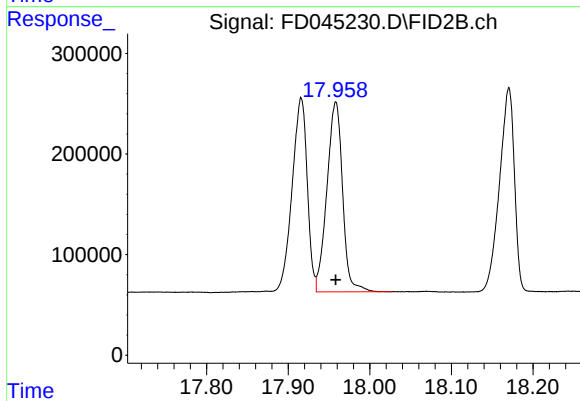
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.000 min
Response: 2574973
Conc: 20.46 ug/ml



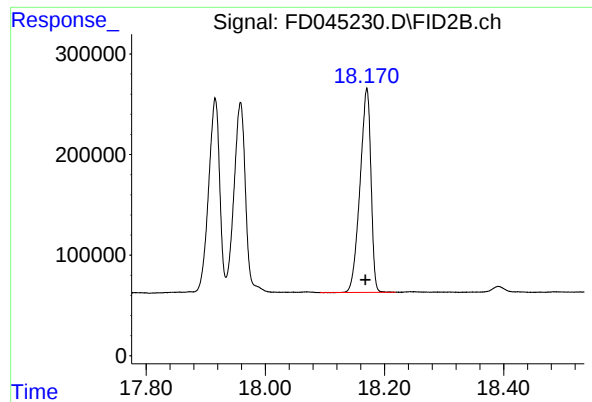
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.001 min
Response: 2489308
Conc: 20.81 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 2522765
Conc: 20.91 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.002 min
Response: 2580485
Conc: 20.74 ug/ml