

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045009.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2023 21:47
 Operator : YP/AJ
 Sample : 01504-04MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:24:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.558	6700450	45.687 ug/ml
Spiked Amount 50.000		Recovery =	91.37%
6) S 2-Fluorobiphenyl (SURR)	8.415	4457614	44.660 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.32%
11) S ortho-Terphenyl (SURR)	11.455	6105563	32.850 ug/ml
Spiked Amount 50.000		Recovery =	65.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5099203	31.944 ug/ml
2) T Naphthalene (C11.7)	5.896	5798317	34.222 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	5858505	34.149 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6503194	41.384 ug/ml
7) T Acenaphthene (C15.5)	8.514	6633958	39.899 ug/ml
8) T Flouorene (C16.55)	9.293	6732715	41.019 ug/ml
9) T Phenanthrene (C19.36)	10.685	6782293	41.948 ug/ml
10) T Anthracene (C19.43)	10.760	6694424	45.157 ug/ml
12) T Fluoranthene (C21.85)	12.491	6819154	42.608 ug/ml
13) T Pyrene (C20.8)	12.787	6642428	42.331 ug/ml
14) T Benzo[a]anthracene (C...	14.653	6164017	43.188 ug/ml
15) T Chrysene (C27.41)	14.696	6125157	41.369 ug/ml
16) T benzo[b]fluoranthene ...	16.196	6002197	41.375 ug/ml
17) T Bnezo[k]fluoranthene ...	16.232	5727580	40.173 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	5297280	37.909 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	5527352	41.074 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	5486575	41.402 ug/ml
21) T Benzo[g,h,i]perylene ...	18.188	5435216	39.975 ug/ml

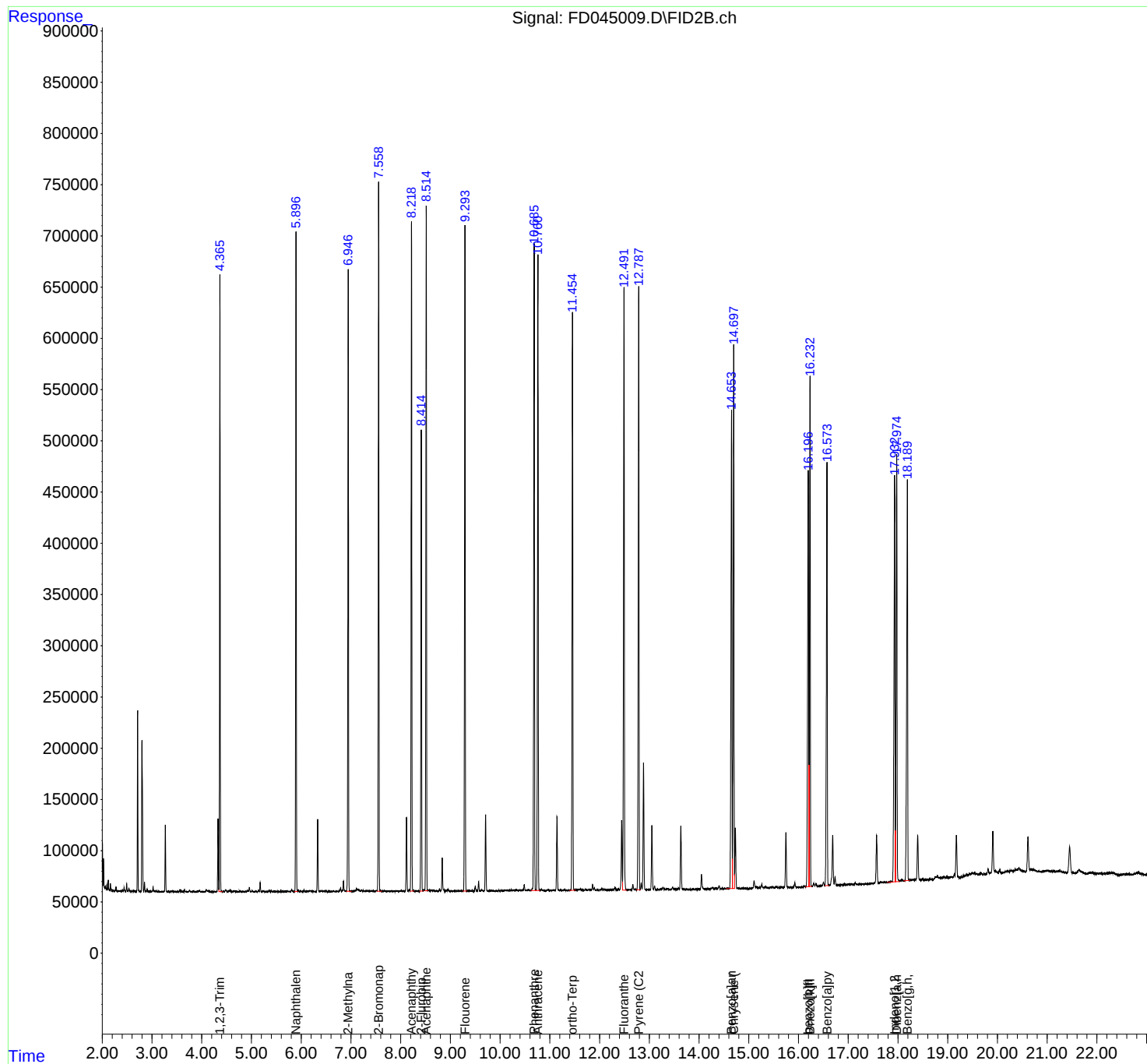
(f)=RT Delta > 1/2 Window

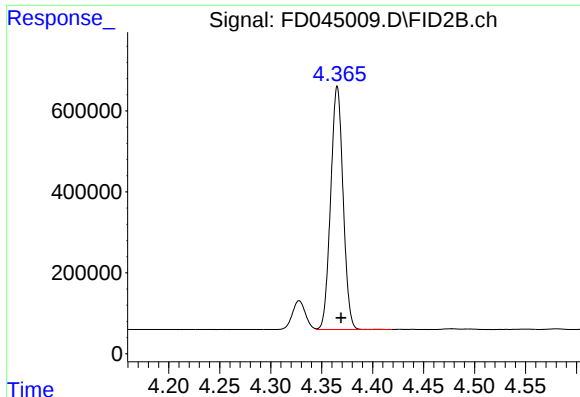
(m)=manual int.

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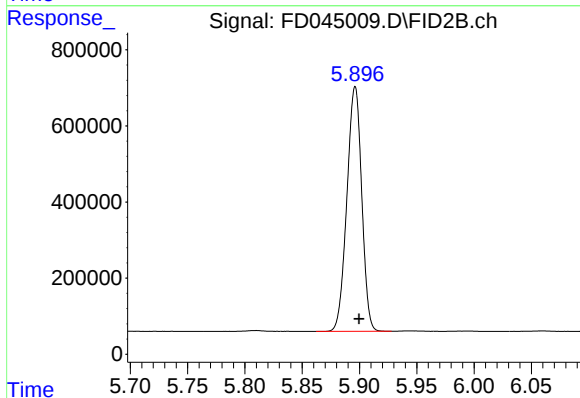
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Signal Info : 20M x 0.18mm x 0.18µm





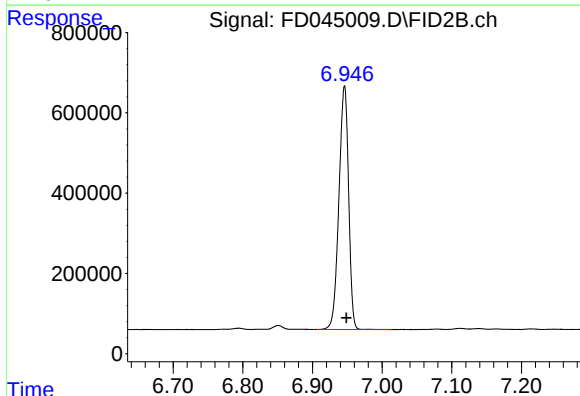
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5099203
Conc: 31.94 ug/ml



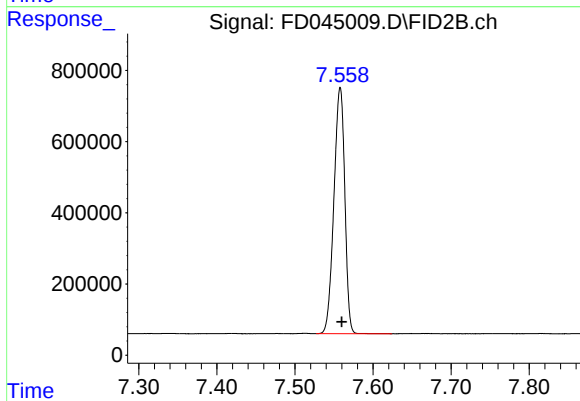
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5798317
Conc: 34.22 ug/ml



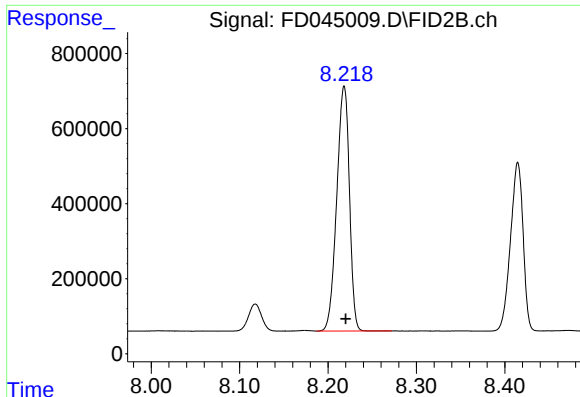
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 5858505
Conc: 34.15 ug/ml



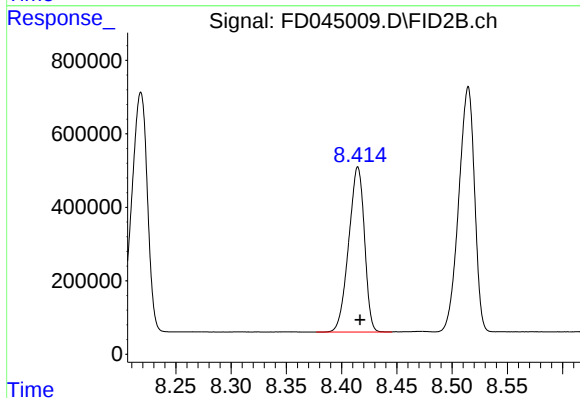
#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 6700450
Conc: 45.69 ug/ml



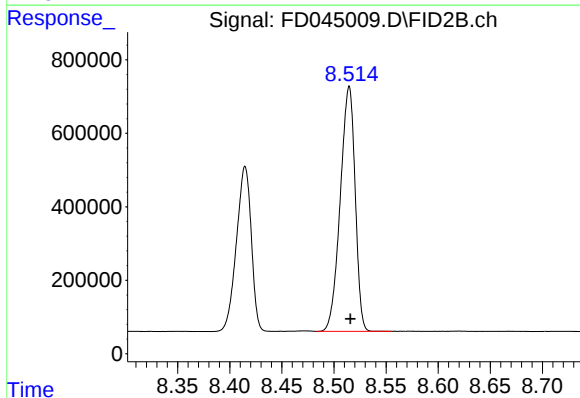
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 6503194
Conc: 41.38 ug/ml



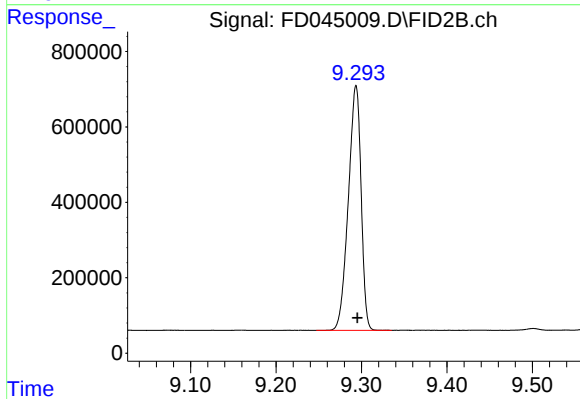
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 4457614
Conc: 44.66 ug/ml



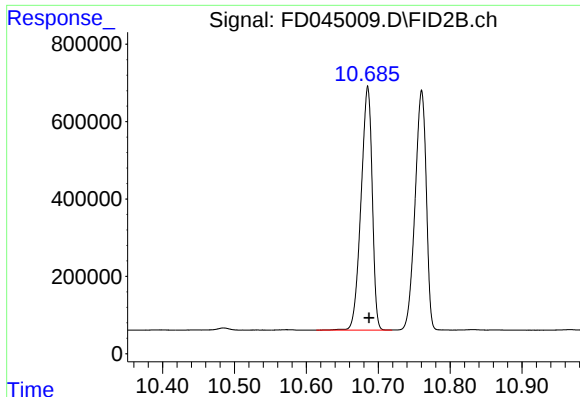
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 6633958
Conc: 39.90 ug/ml



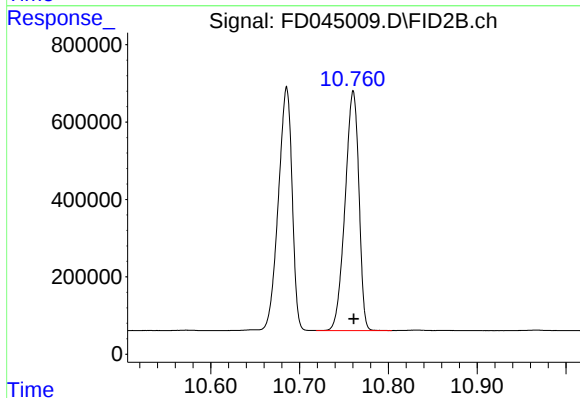
#8 Fluorene (C16.55)

R.T.: 9.293 min
Delta R.T.: -0.002 min
Response: 6732715
Conc: 41.02 ug/ml



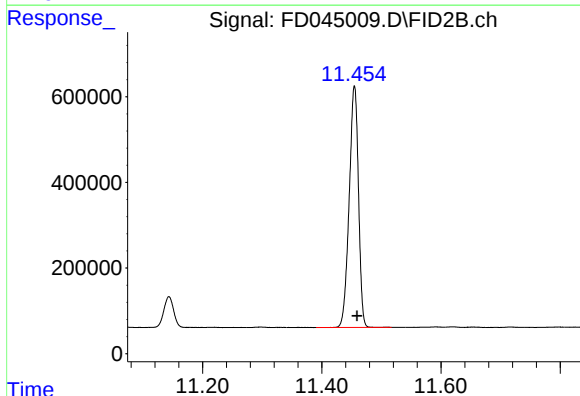
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 6782293
Conc: 41.95 ug/ml



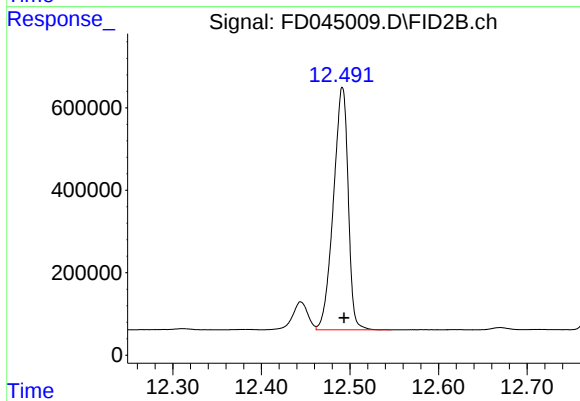
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.000 min
Response: 6694424
Conc: 45.16 ug/ml



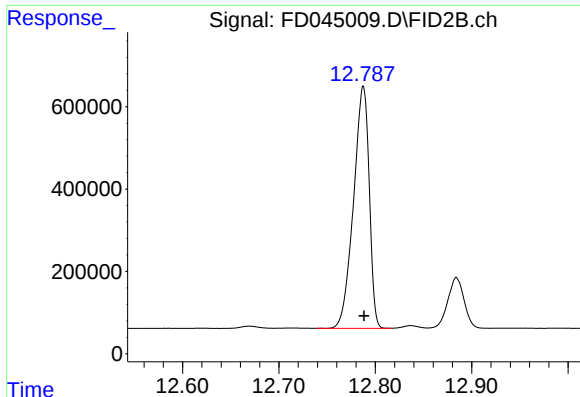
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6105563
Conc: 32.85 ug/ml



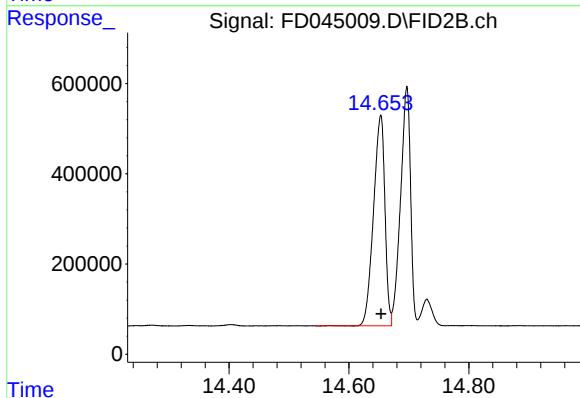
#12 Fluoranthene (C21.85)

R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 6819154
Conc: 42.61 ug/ml



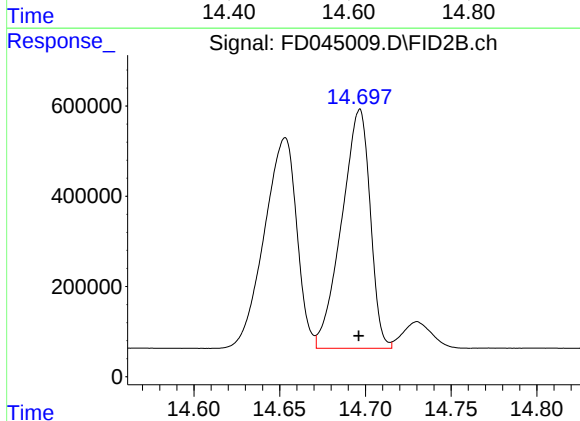
#13 Pyrene (C20.8)

R.T.: 12.787 min
Delta R.T.: -0.001 min
Response: 6642428
Conc: 42.33 ug/ml



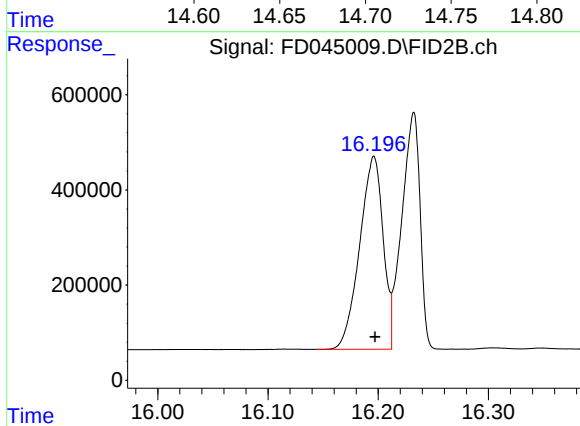
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 6164017
Conc: 43.19 ug/ml



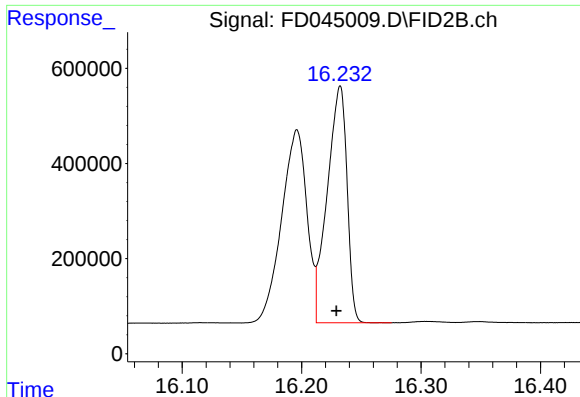
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 6125157
Conc: 41.37 ug/ml



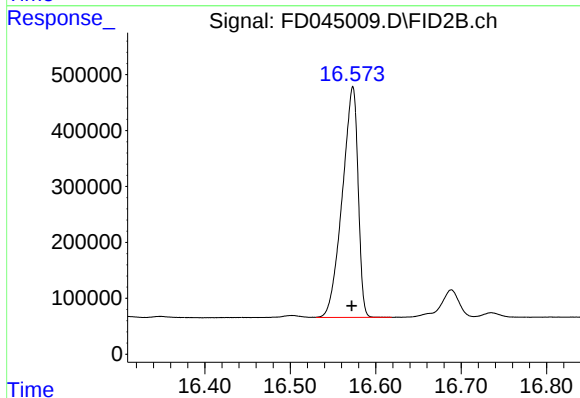
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.196 min
Delta R.T.: -0.001 min
Response: 6002197
Conc: 41.37 ug/ml



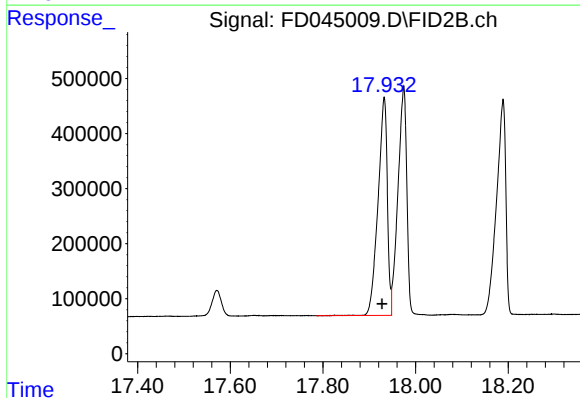
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.232 min
Delta R.T.: 0.003 min
Response: 5727580
Conc: 40.17 ug/ml



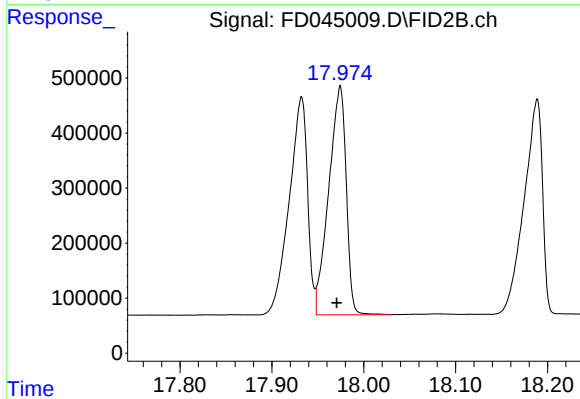
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.000 min
Response: 5297280
Conc: 37.91 ug/ml



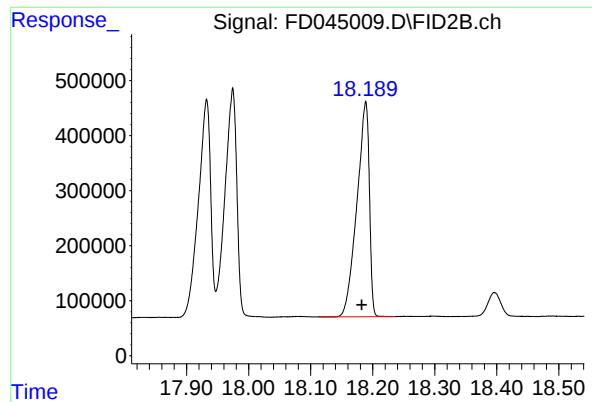
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 5527352
Conc: 41.07 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.003 min
Response: 5486575
Conc: 41.40 ug/ml



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

R.T.: 18.188 min
Delta R.T.: 0.006 min
Response: 5435216
Conc: 39.97 ug/ml