

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021523AR\
 Data File : FD045028.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2023 13:30
 Operator : YP/AJ
 Sample : PB150849BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 06:05:45 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	6585707	44.904 ug/ml
Spiked Amount 50.000		Recovery =	89.81%
6) S 2-Fluorobiphenyl (SURR)	8.415	4285416	42.935 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.87%
11) S ortho-Terphenyl (SURR)	11.455	6588833	35.451 ug/ml
Spiked Amount 50.000		Recovery =	70.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	5296964	33.183 ug/ml
2) T Naphthalene (C11.7)	5.896	5976366	35.273 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	5886231	34.310 ug/ml
5) T Acenaphthylene (C15.06)	8.219	6334754	40.313 ug/ml
7) T Acenaphthene (C15.5)	8.515	6424332	38.638 ug/ml
8) T Fluorene (C16.55)	9.294	6507972	39.650 ug/ml
9) T Phenanthrene (C19.36)	10.686	6722830	41.580 ug/ml
10) T Anthracene (C19.43)	10.761	6669340	44.988 ug/ml
12) T Fluoranthene (C21.85)	12.492	6807852	42.538 ug/ml
13) T Pyrene (C20.8)	12.788	6766345	43.121 ug/ml
14) T Benzo[a]anthracene (C...	14.653	6311652	44.223 ug/ml
15) T Chrysene (C27.41)	14.697	6256414	42.255 ug/ml
16) T benzo[b]fluoranthene ...	16.197	6279201	43.284 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	5949021	41.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	5581386	39.942 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.933	5868071	43.606 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	5752516	43.409 ug/ml
21) T Benzo[g,h,i]perylene ...	18.190	5917960	43.525 ug/ml

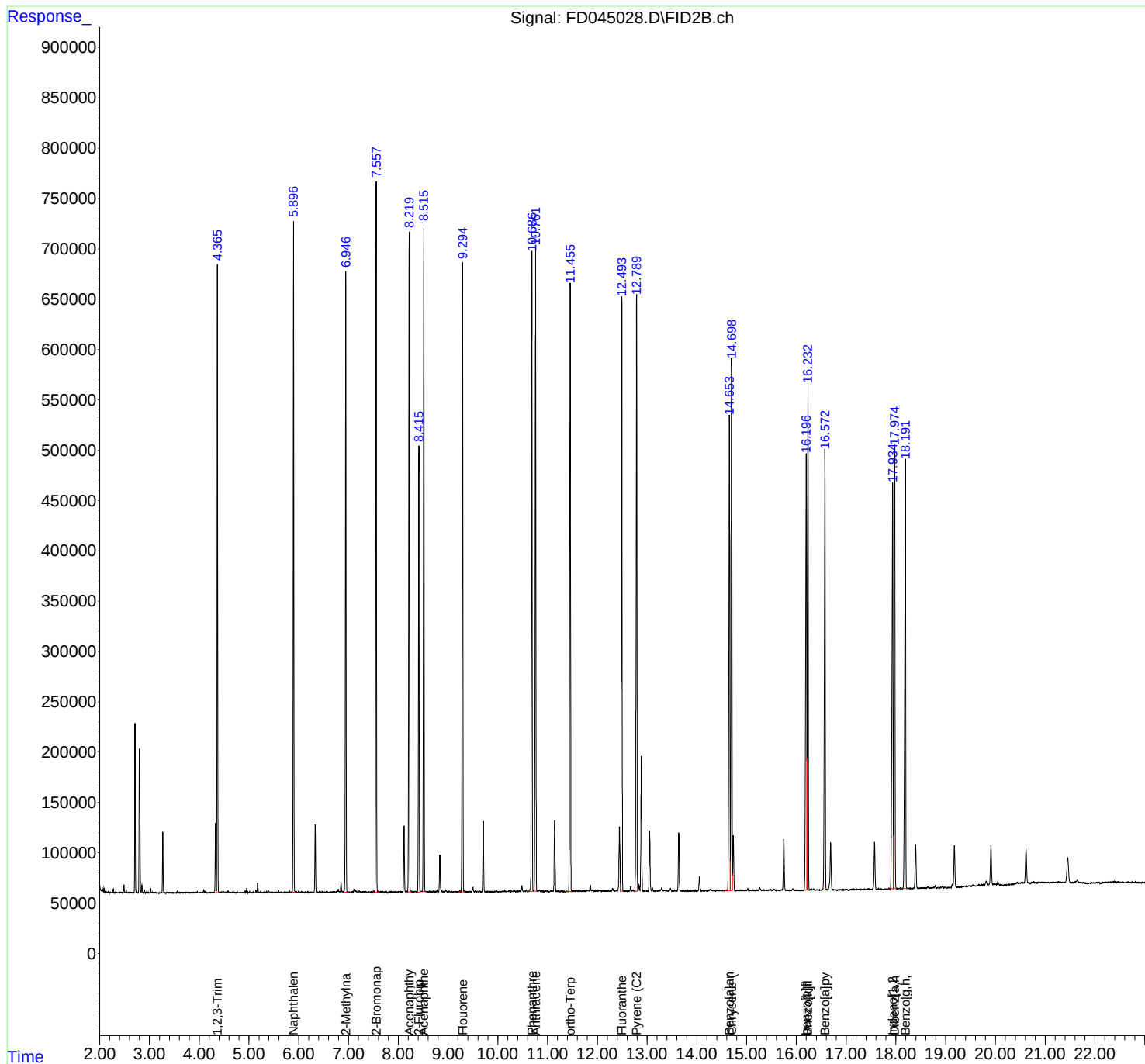
(f)=RT Delta > 1/2 Window

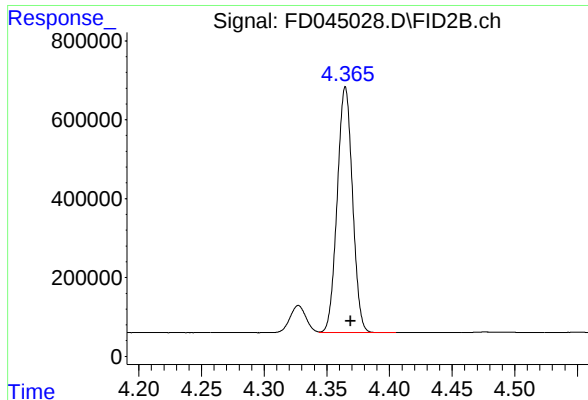
(m)=manual int.

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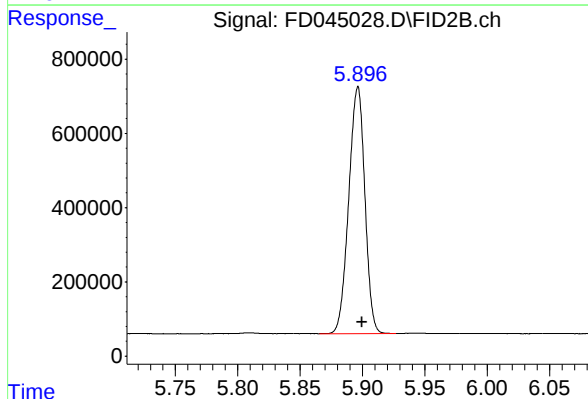
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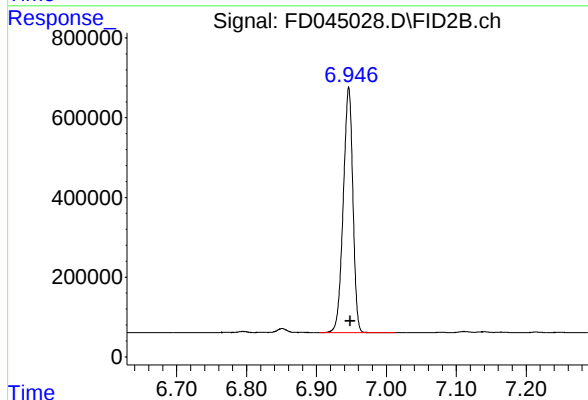
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 5296964
Conc: 33.18 ug/ml



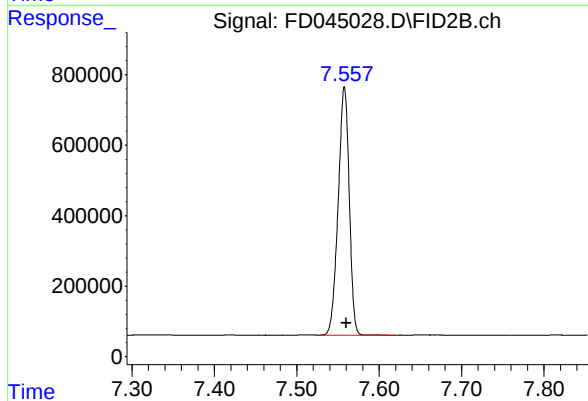
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5976366
Conc: 35.27 ug/ml



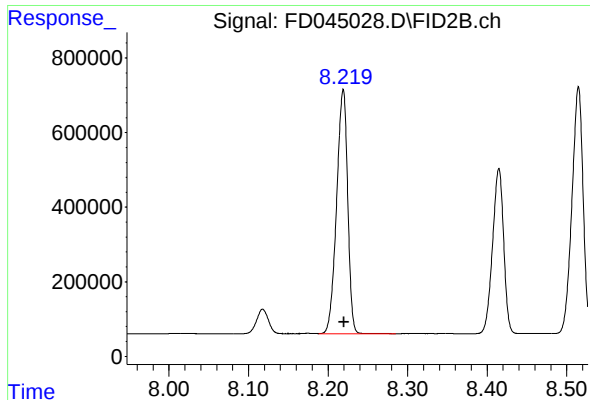
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 5886231
Conc: 34.31 ug/ml



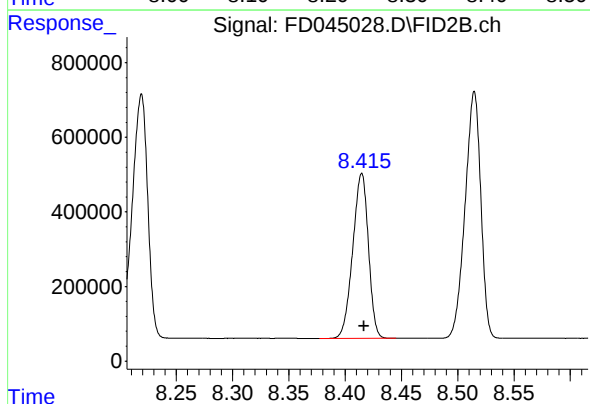
#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 6585707
Conc: 44.90 ug/ml



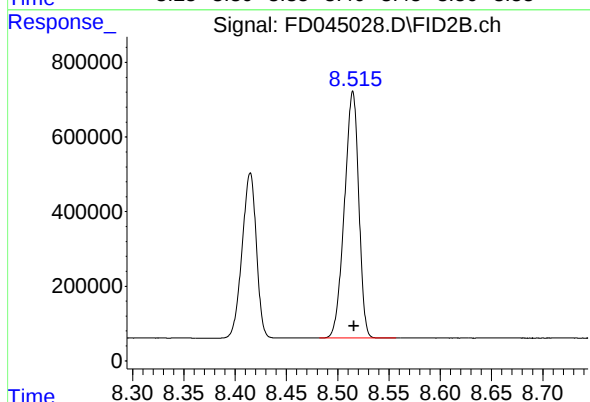
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 6334754
Conc: 40.31 ug/ml



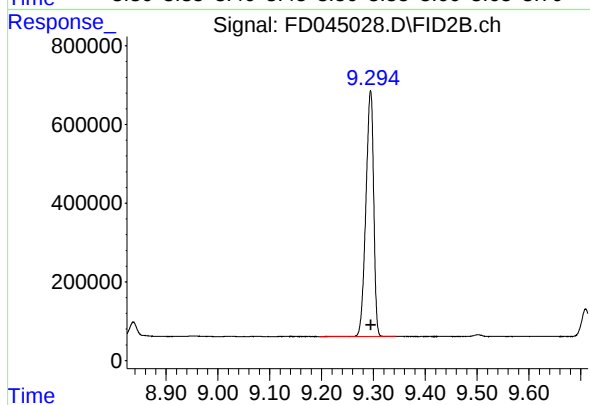
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.002 min
Response: 4285416
Conc: 42.93 ug/ml



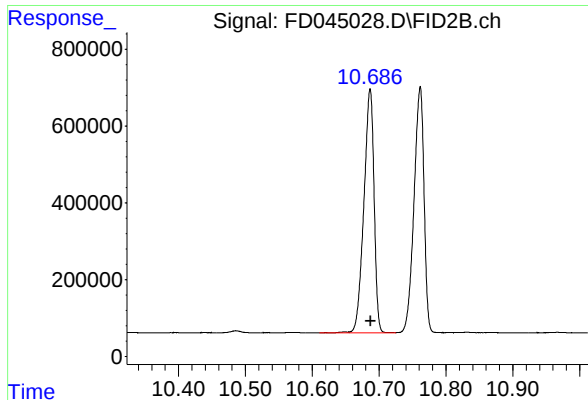
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: -0.001 min
Response: 6424332
Conc: 38.64 ug/ml



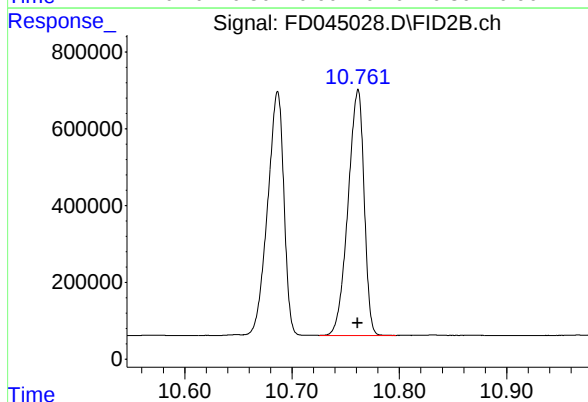
#8 Flouorene (C16.55)

R.T.: 9.294 min
Delta R.T.: 0.000 min
Response: 6507972
Conc: 39.65 ug/ml



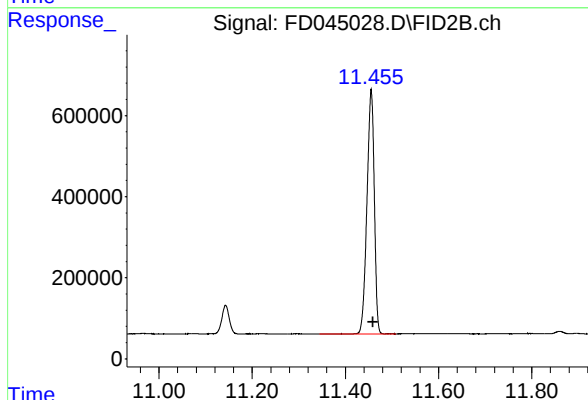
#9 Phenanthrene (C19.36)

R.T.: 10.686 min
Delta R.T.: 0.000 min
Response: 6722830
Conc: 41.58 ug/ml



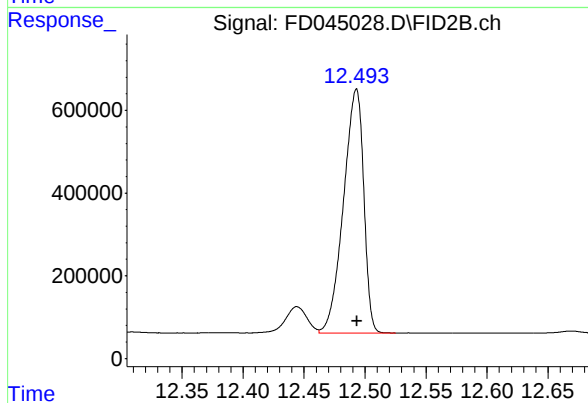
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 6669340
Conc: 44.99 ug/ml



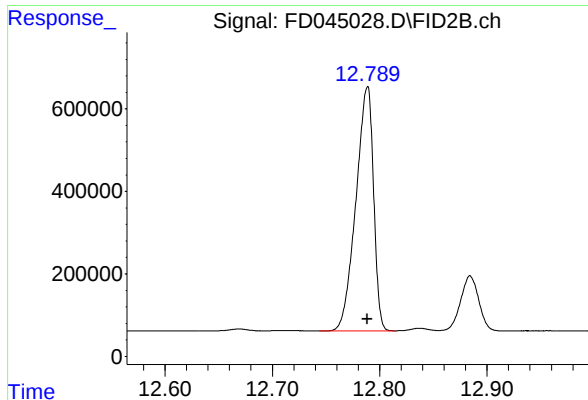
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6588833
Conc: 35.45 ug/ml



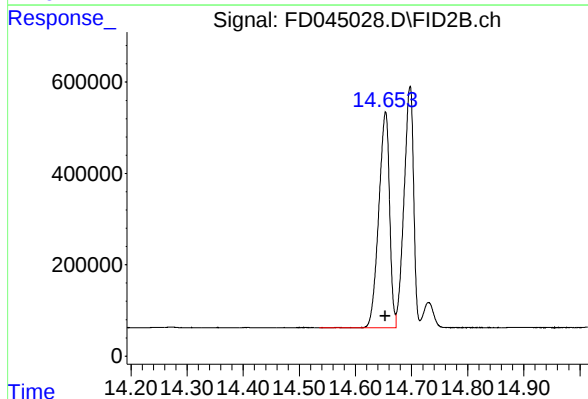
#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 6807852
Conc: 42.54 ug/ml



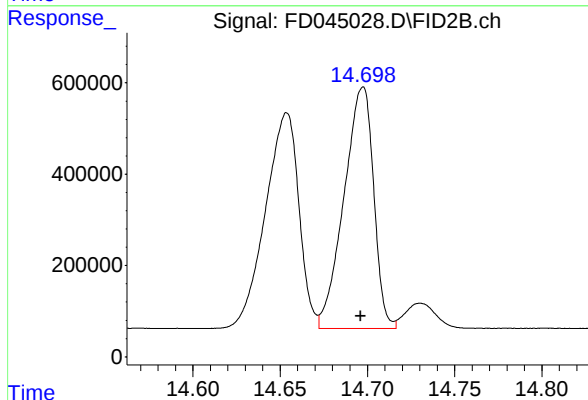
#13 Pyrene (C20.8)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 6766345
Conc: 43.12 ug/ml



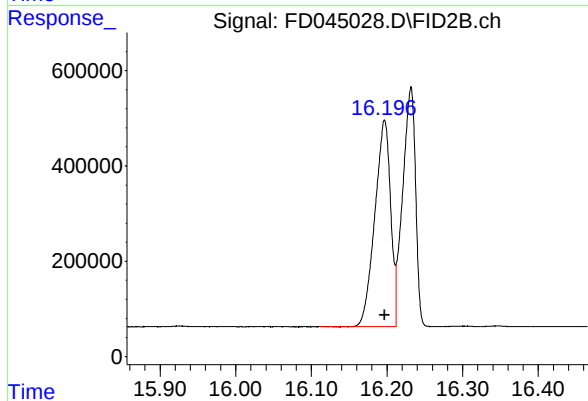
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 6311652
Conc: 44.22 ug/ml



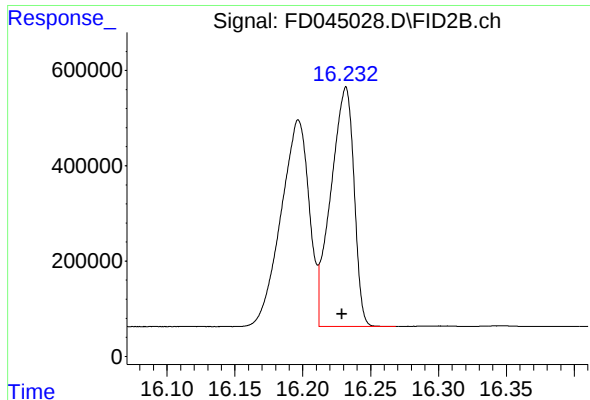
#15 Chrysene (C27.41)

R.T.: 14.697 min
Delta R.T.: 0.000 min
Response: 6256414
Conc: 42.26 ug/ml



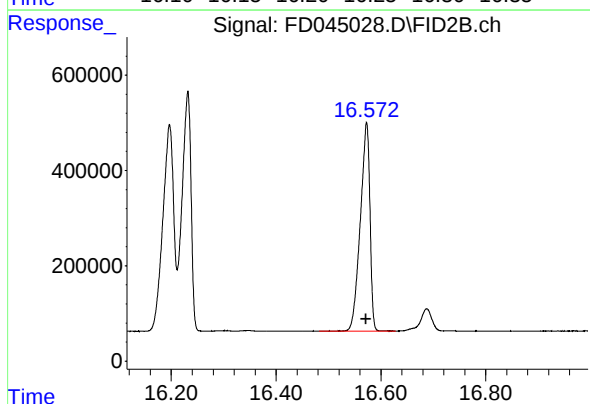
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 6279201
Conc: 43.28 ug/ml



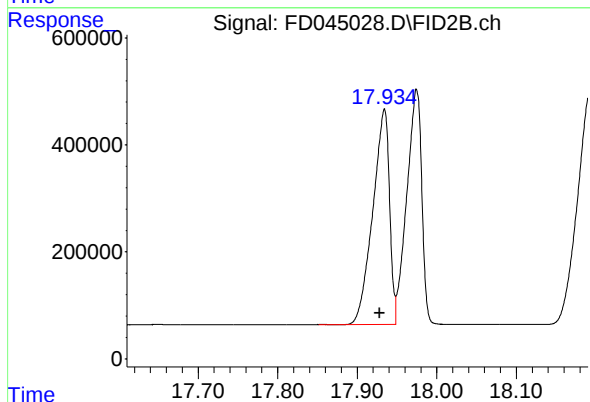
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.231 min
Delta R.T.: 0.002 min
Response: 5949021
Conc: 41.73 ug/ml



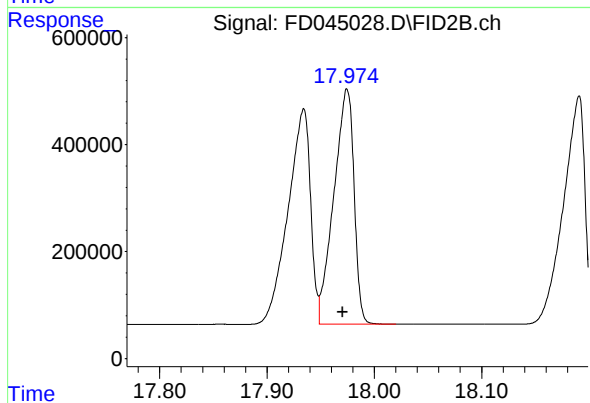
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 5581386
Conc: 39.94 ug/ml



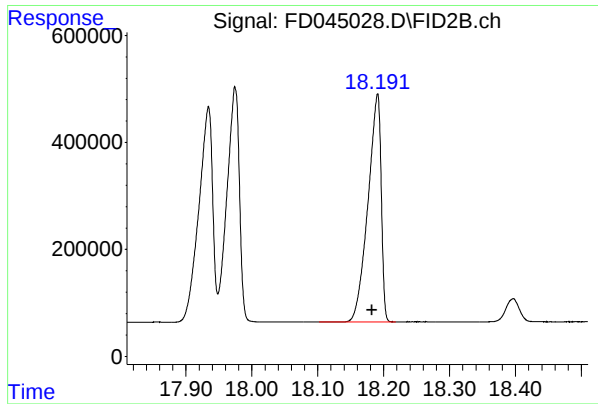
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.933 min
Delta R.T.: 0.006 min
Response: 5868071
Conc: 43.61 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.003 min
Response: 5752516
Conc: 43.41 ug/ml



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

R.T.: 18.190 min
Delta R.T.: 0.008 min
Response: 5917960
Conc: 43.53 ug/ml