

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047112.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 13:17
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 14:17:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 14:16:54 2024
 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...	7.469	3062814	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.322	2050195	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.358	3567453	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	3106290	20.000 ug/ml
2) T Naphthalene (C11.7)	5.810	3338271	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	3375360	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.126	3099700	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.420	3289883	20.000 ug/ml
8) T Fluorene (C16.55)	9.198	3243528	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.586	3181444	20.000 ug/ml
10) T Anthracene (C19.43)	10.660	3064496	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.388	3206875	20.000 ug/ml
13) T Pyrene (C20.8)	12.682	3124863	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2846803	20.000 ug/ml
15) T Chrysene (C27.41)	14.587	3090006	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2907470	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2939319	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2865578	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2600080	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2869883	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	2752788	20.000 ug/ml

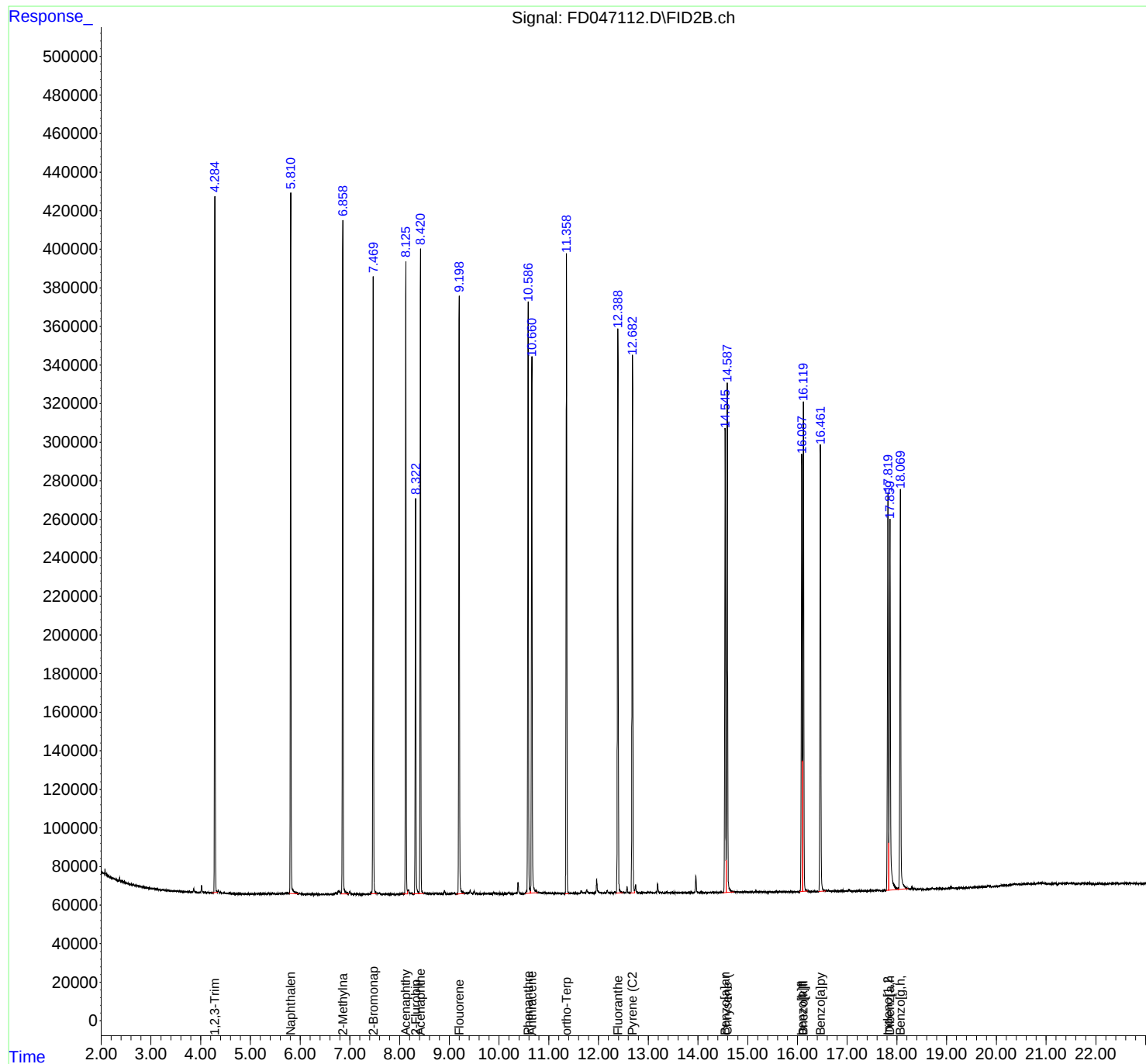
(f)=RT Delta > 1/2 Window

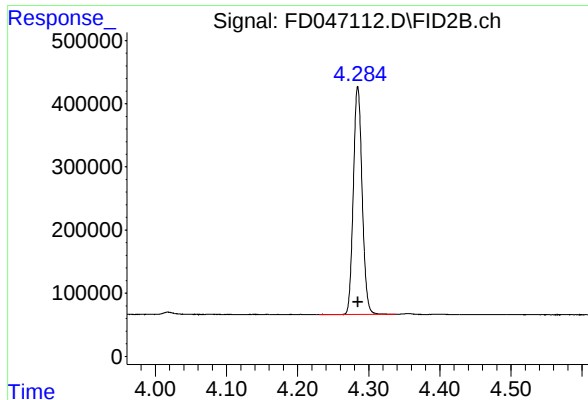
(m)=manual int.

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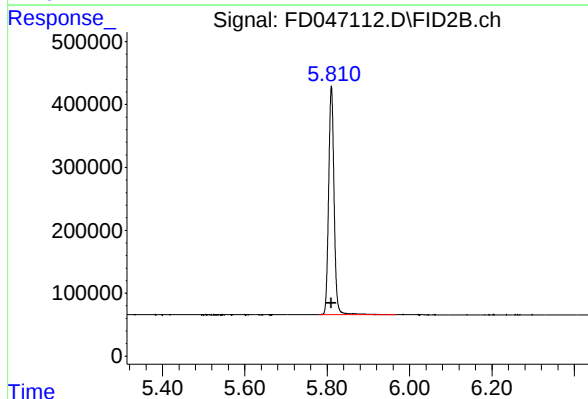
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Signal Info : 20M x 0.18mm x 0.18µm





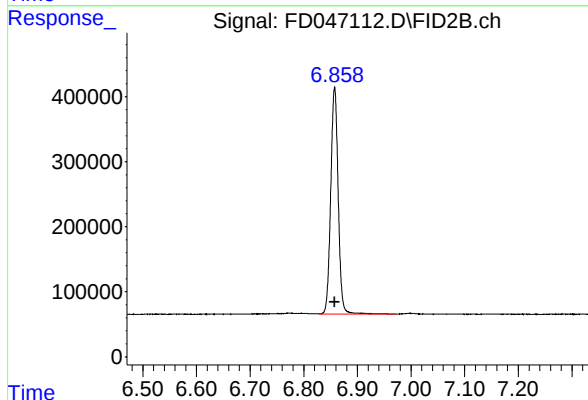
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 3106290
Conc: 20.00 ug/ml



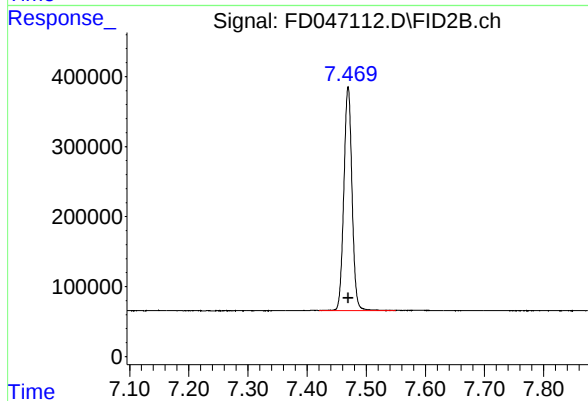
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 3338271
Conc: 20.00 ug/ml



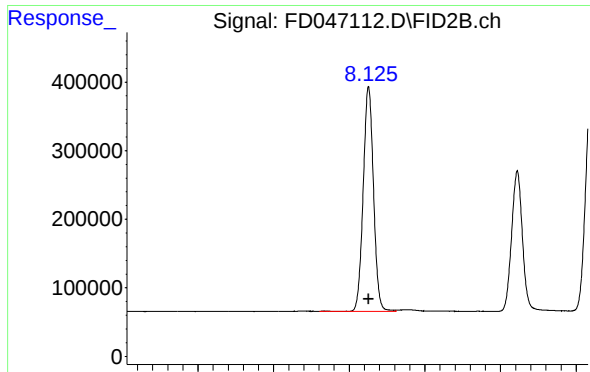
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 3375360
Conc: 20.00 ug/ml



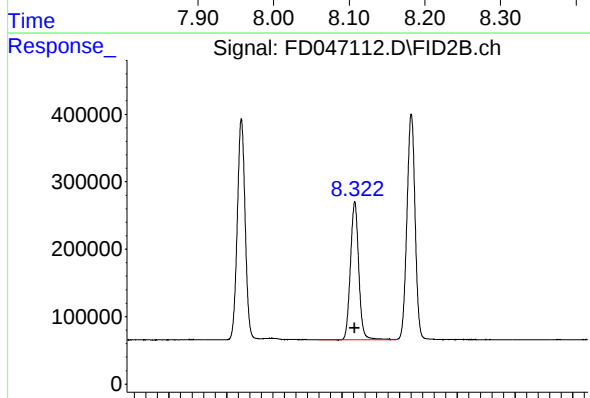
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 3062814
Conc: 20.00 ug/ml



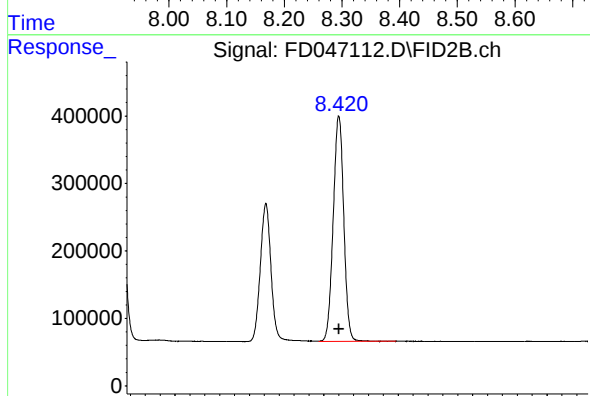
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 3099700
Conc: 20.00 ug/ml



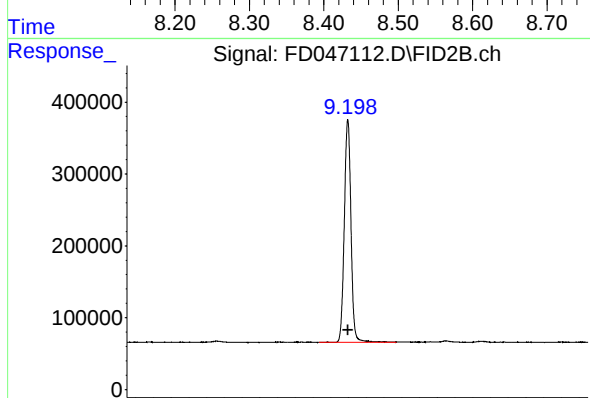
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2050195
Conc: 20.00 ug/ml



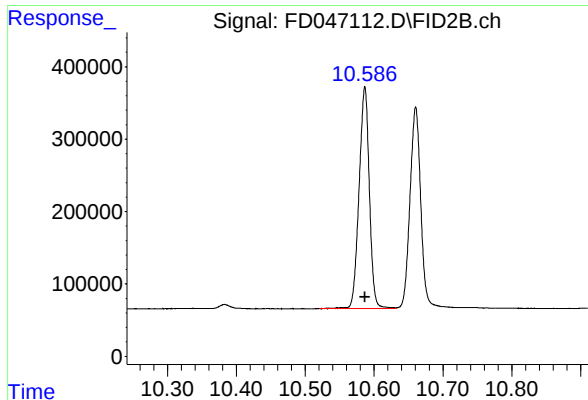
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3289883
Conc: 20.00 ug/ml



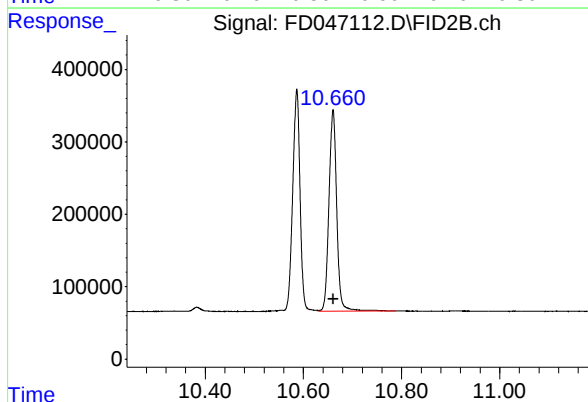
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3243528
Conc: 20.00 ug/ml



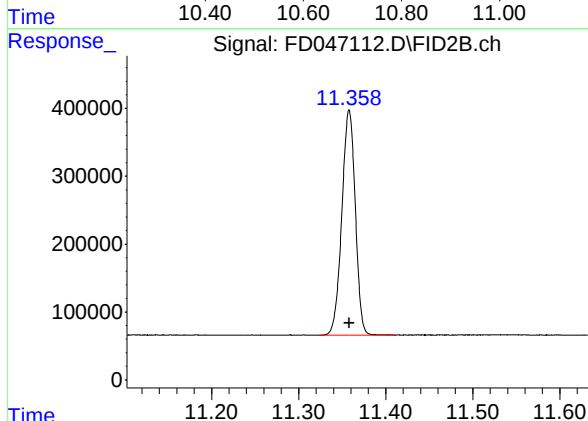
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 3181444
Conc: 20.00 ug/ml



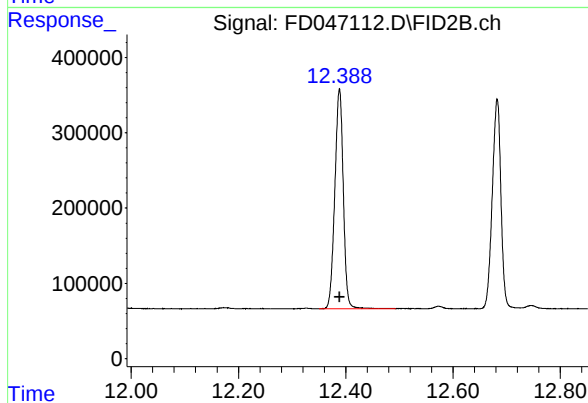
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 3064496
Conc: 20.00 ug/ml



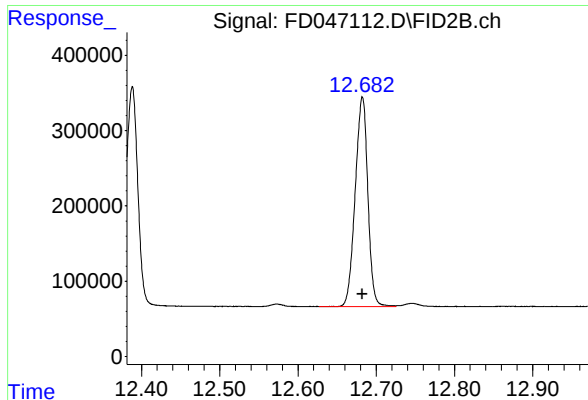
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 3567453
Conc: 20.00 ug/ml



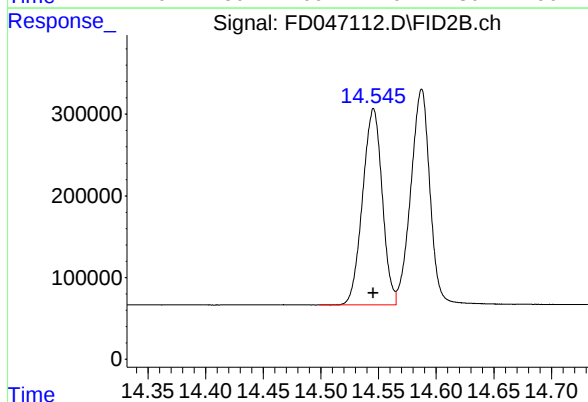
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 3206875
Conc: 20.00 ug/ml



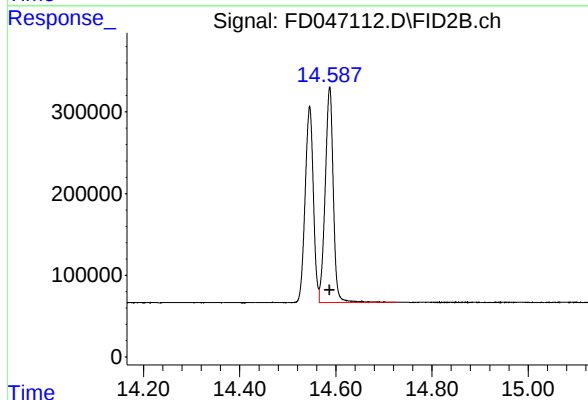
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 3124863
Conc: 20.00 ug/ml



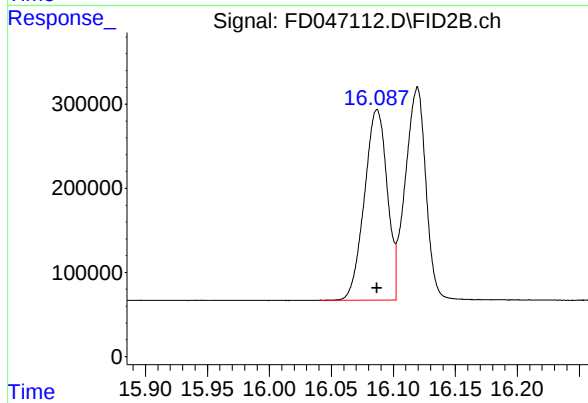
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.000 min
Response: 2846803
Conc: 20.00 ug/ml



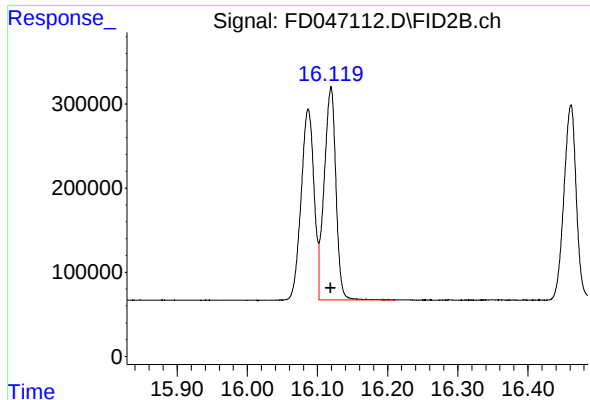
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 3090006
Conc: 20.00 ug/ml



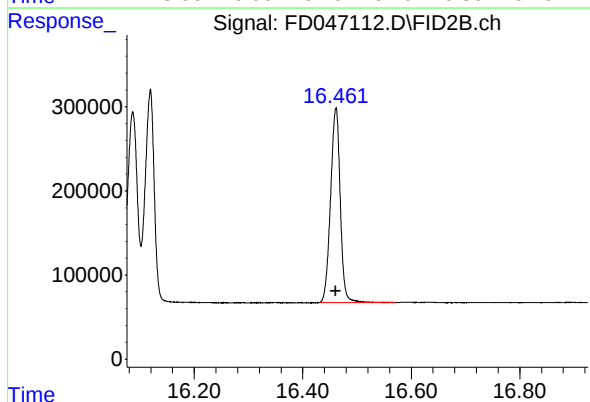
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.000 min
Response: 2907470
Conc: 20.00 ug/ml



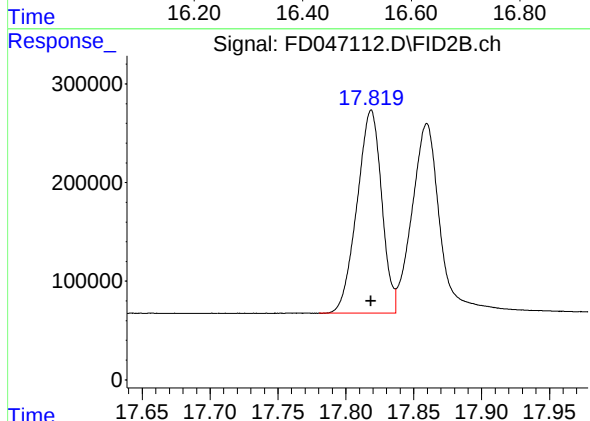
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 2939319
Conc: 20.00 ug/ml



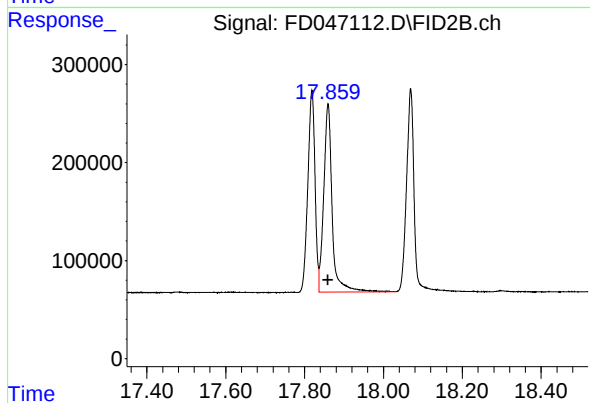
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 2865578
Conc: 20.00 ug/ml



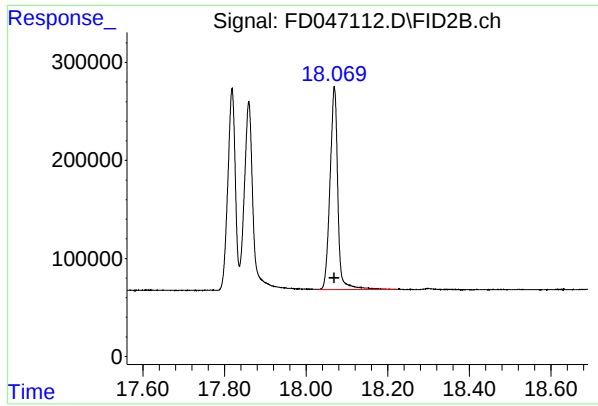
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.000 min
Response: 2600080
Conc: 20.00 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.000 min
Response: 2869883
Conc: 20.00 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 2752788
Conc: 20.00 ug/ml