

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047117.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 16:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 17:10:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.470	3017117	19.615 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
6) S 2-Fluorobiphenyl (SURR)	8.322	2010627	19.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.36%
11) S ortho-Terphenyl (SURR)	11.358	3507089	19.684 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	3059027	19.636 ug/ml
2) T Naphthalene (C11.7)	5.810	3273253	19.540 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	3317617	19.570 ug/ml
5) T Acenaphthylene (C15.06)	8.125	3056003	19.713 ug/ml
7) T Acenaphthene (C15.5)	8.420	3242950	19.638 ug/ml
8) T Fluorene (C16.55)	9.198	3184911	19.956 ug/ml
9) T Phenanthrene (C19.36)	10.586	3114476	19.675 ug/ml
10) T Anthracene (C19.43)	10.660	2949640	19.241 ug/ml
12) T Fluoranthene (C21.85)	12.388	3148811	19.737 ug/ml
13) T Pyrene (C20.8)	12.682	3076010	19.900 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2797917	19.930 ug/ml
15) T Chrysene (C27.41)	14.587	3032648	19.581 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2875087	19.820 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2908174	19.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	2827625	19.781 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2570214	19.943 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	2835756	20.003 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	2732348	19.913 ug/ml

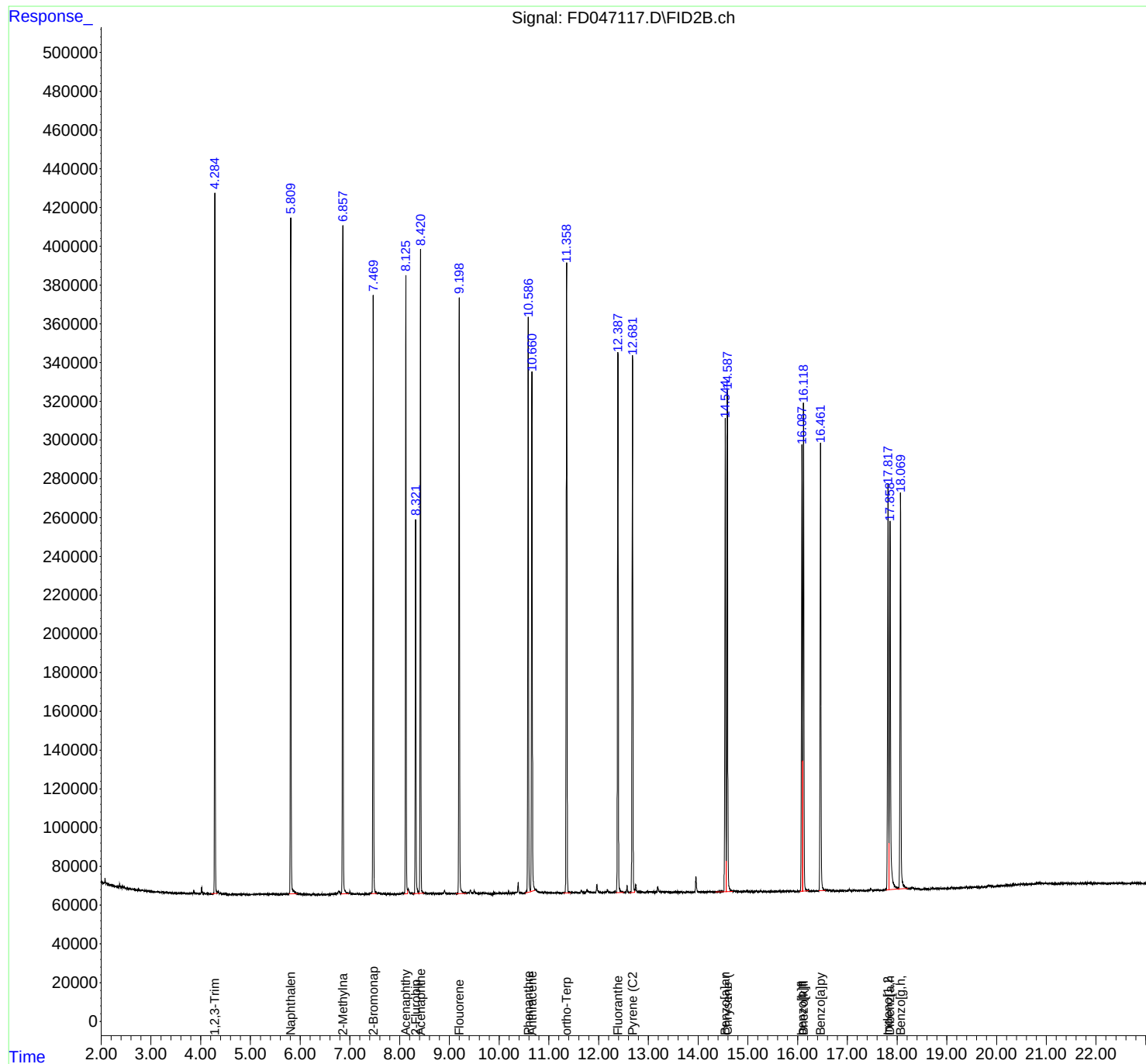
(f)=RT Delta > 1/2 Window

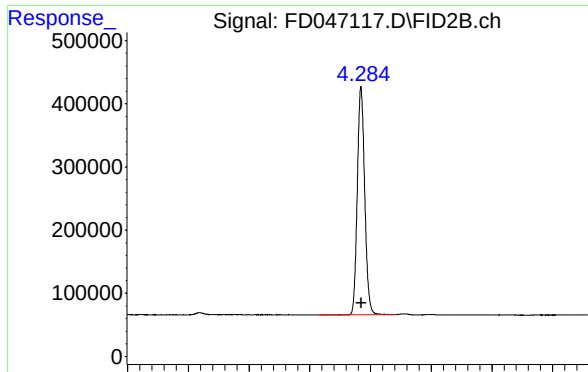
(m)=manual int.

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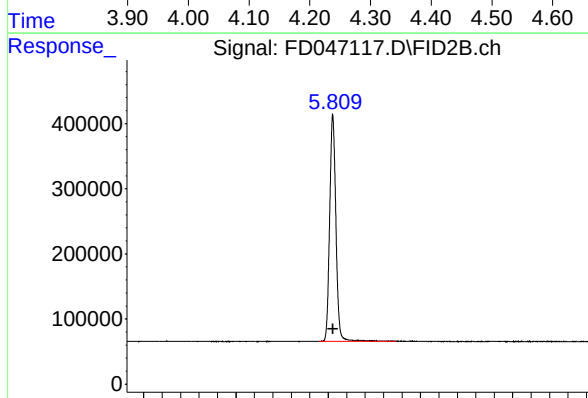
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Signal Info : 20M x 0.18mm x 0.18µm





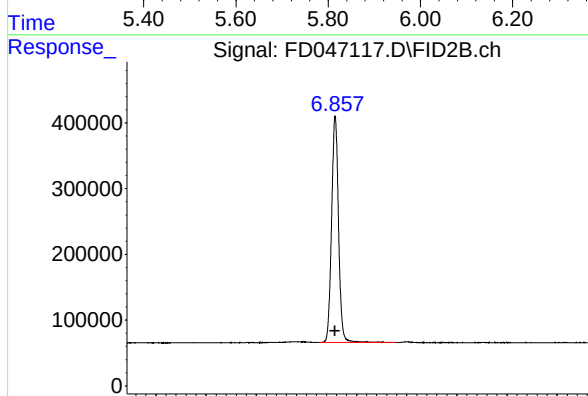
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 3059027
Conc: 19.64 ug/ml



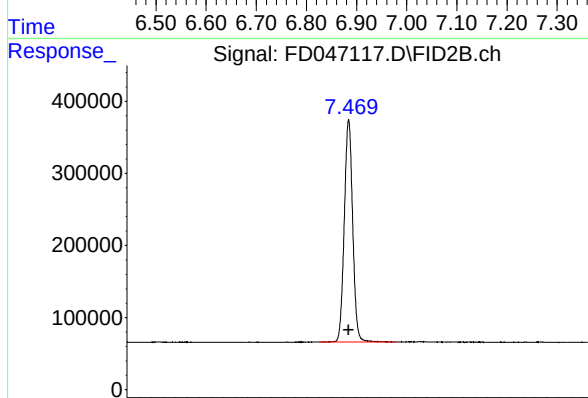
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 3273253
Conc: 19.54 ug/ml



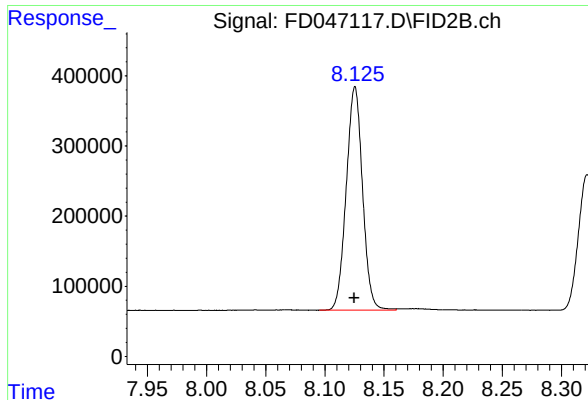
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 3317617
Conc: 19.57 ug/ml



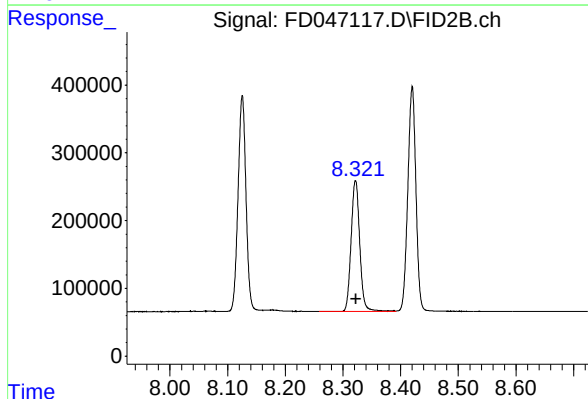
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3017117
Conc: 19.62 ug/ml



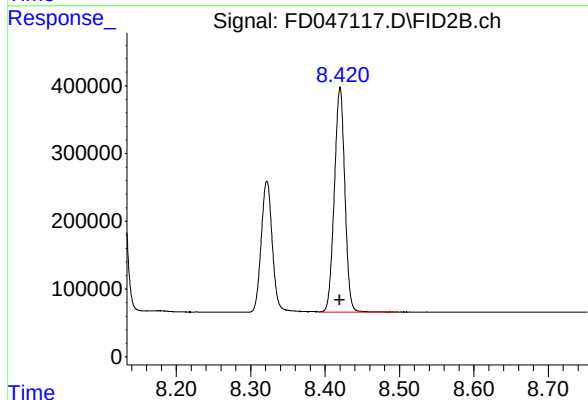
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 3056003
Conc: 19.71 ug/ml



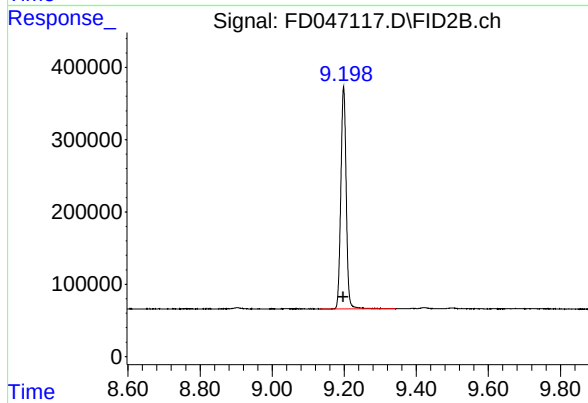
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2010627
Conc: 19.68 ug/ml



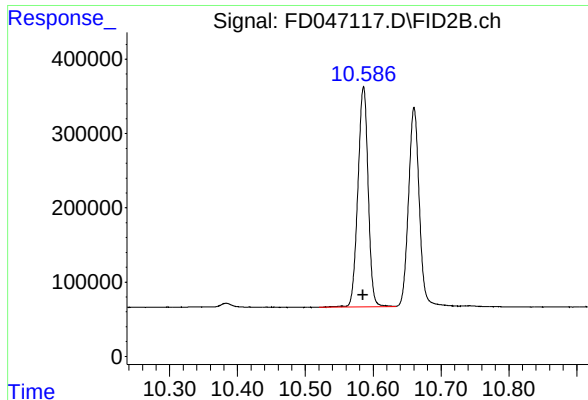
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3242950
Conc: 19.64 ug/ml



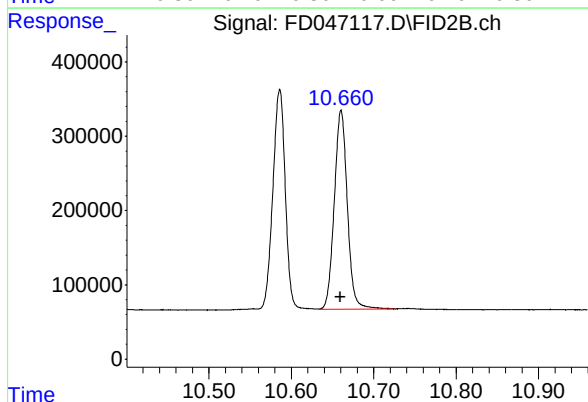
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 3184911
Conc: 19.96 ug/ml



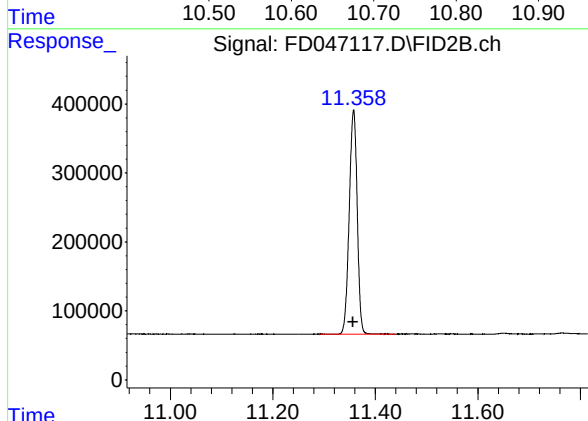
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 3114476
Conc: 19.68 ug/ml



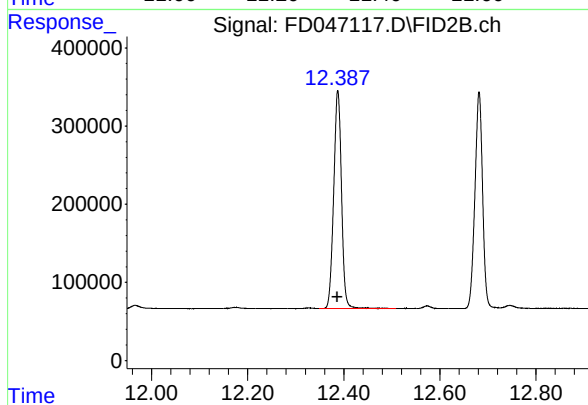
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 2949640
Conc: 19.24 ug/ml



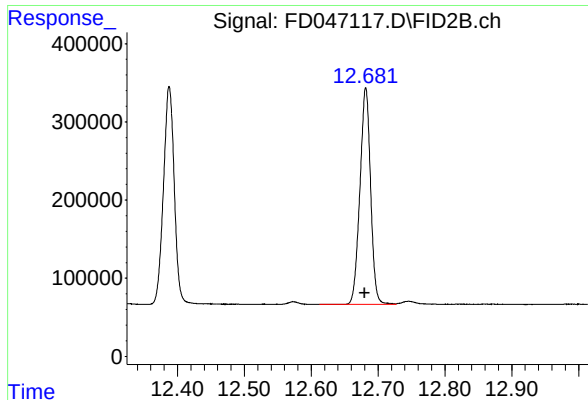
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.001 min
Response: 3507089
Conc: 19.68 ug/ml



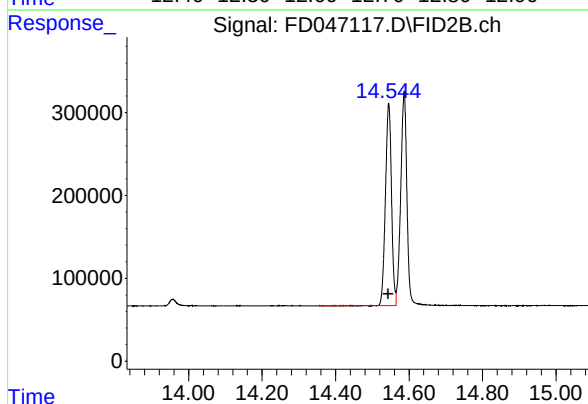
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.001 min
Response: 3148811
Conc: 19.74 ug/ml



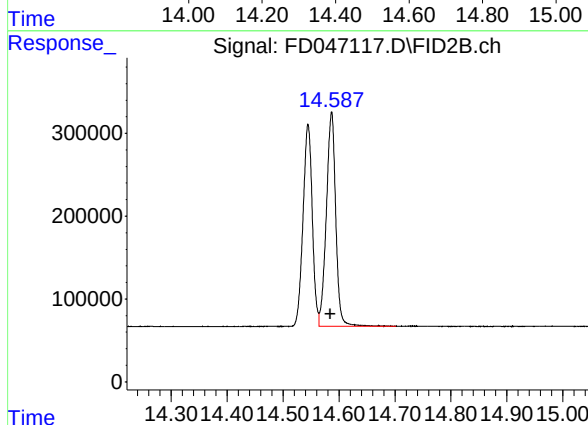
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 3076010
Conc: 19.90 ug/ml



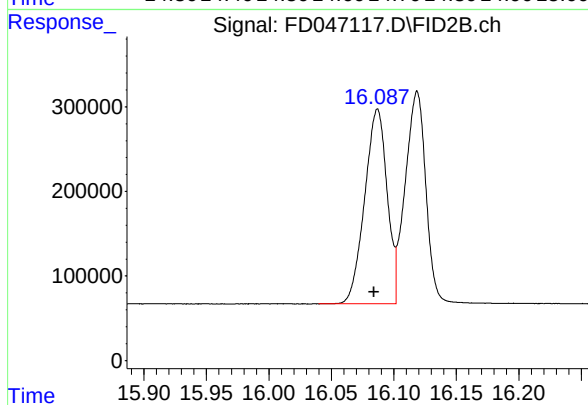
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 2797917
Conc: 19.93 ug/ml



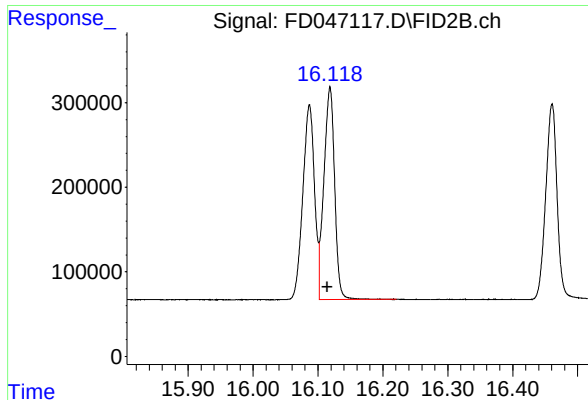
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.002 min
Response: 3032648
Conc: 19.58 ug/ml



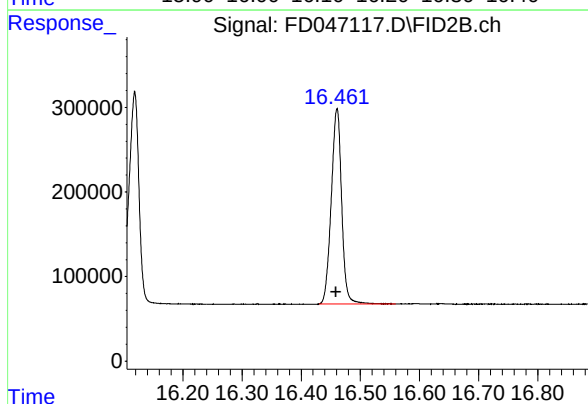
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 2875087
Conc: 19.82 ug/ml



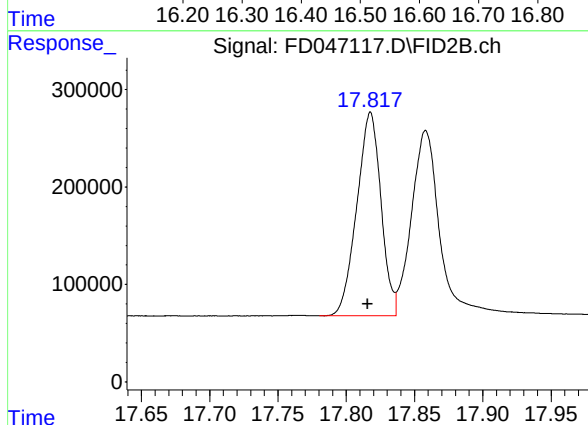
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.004 min
Response: 2908174
Conc: 19.73 ug/ml



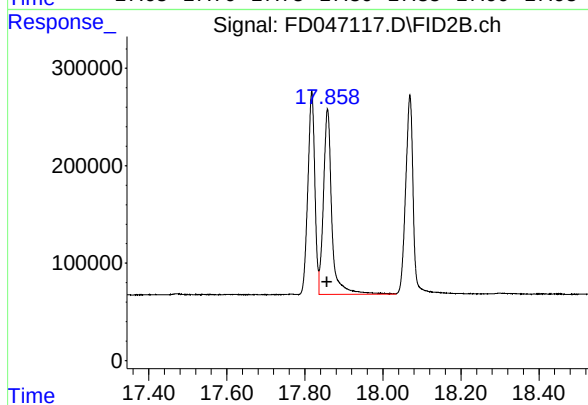
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.002 min
Response: 2827625
Conc: 19.78 ug/ml



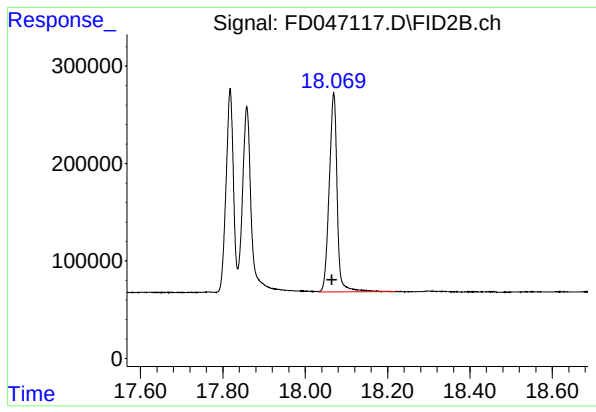
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: 0.002 min
Response: 2570214
Conc: 19.94 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 2835756
Conc: 20.00 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.005 min
Response: 2732348
Conc: 19.91 ug/ml