

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042624AR\
 Data File : FD047589.D
 Signal(s) : FID2B.ch
 Acq On : 26 Apr 2024 11:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 27 00:37:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.459	2943496	19.689 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.312	1916044	19.610 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.22%
11) S ortho-Terphenyl (SURR)	11.350	3365175	19.631 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3202893	20.270 ug/ml
2) T Naphthalene (C11.7)	5.799	3274573	20.011 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3259834	19.819 ug/ml
5) T Acenaphthylene (C15.06)	8.115	2936443	19.454 ug/ml
7) T Acenaphthene (C15.5)	8.410	3161241	19.738 ug/ml
8) T Fluorene (C16.55)	9.189	3002677	19.410 ug/ml
9) T Phenanthrene (C19.36)	10.578	2942274	19.776 ug/ml
10) T Anthracene (C19.43)	10.652	2570737	18.902 ug/ml
12) T Fluoranthene (C21.85)	12.383	2912456	19.701 ug/ml
13) T Pyrene (C20.8)	12.677	2841666	19.690 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2594535	19.728 ug/ml
15) T Chrysene (C27.41)	14.586	2742558	19.449 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2780545	19.930 ug/ml
17) T Bnezo[k]fluoranthene ...	16.121	2843428	20.443 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	2732800	19.903 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2414814	17.902 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	2683974	19.970 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2653848	19.121 ug/ml

(f)=RT Delta > 1/2 Window

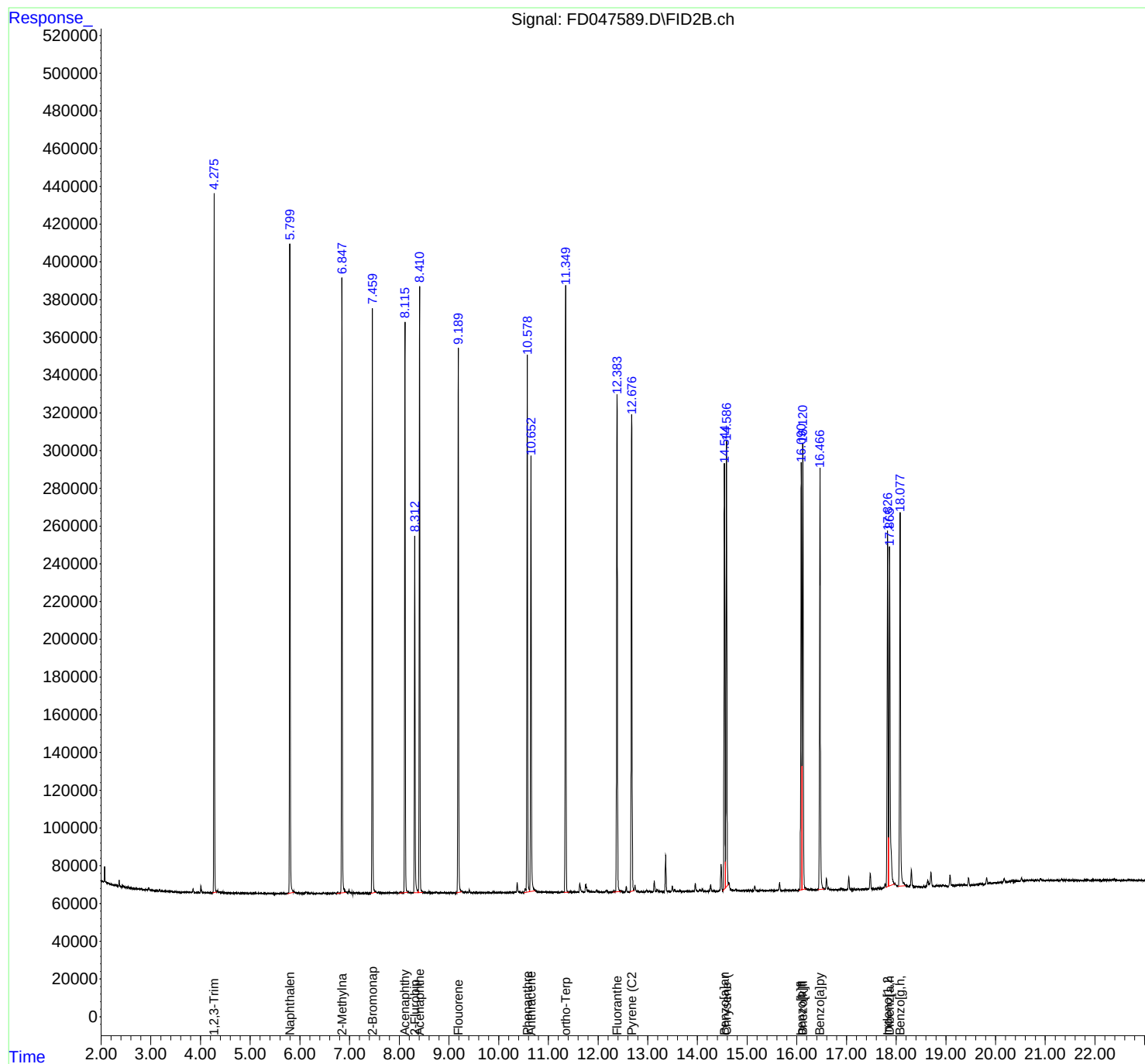
(m)=manual int.

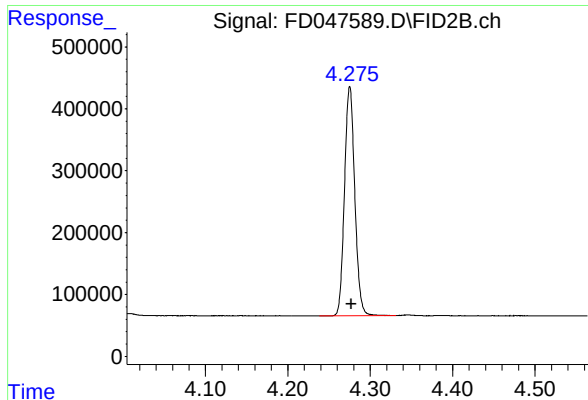
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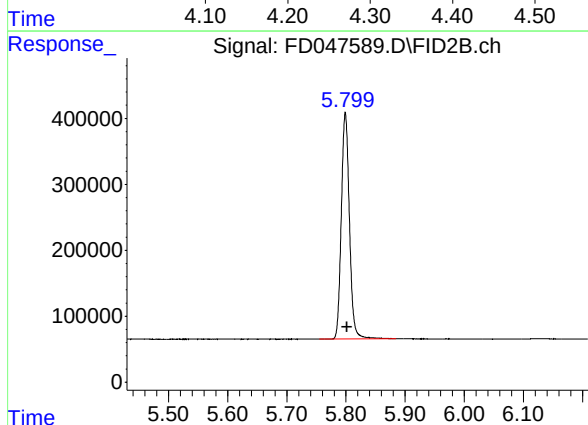




#1 1,2,3-Trimethylbenzene (C10.1)

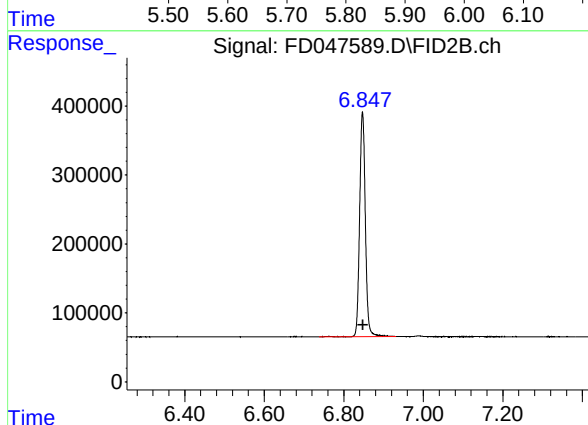
R.T.: 4.275 min
Delta R.T.: -0.002 min
Response: 3202893
Conc: 20.27 ug/ml

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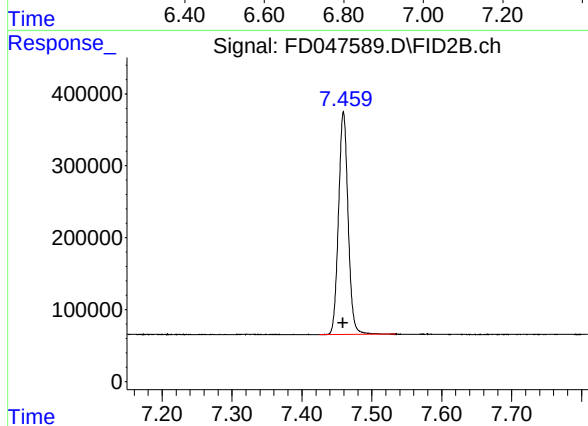
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 3274573
Conc: 20.01 ug/ml



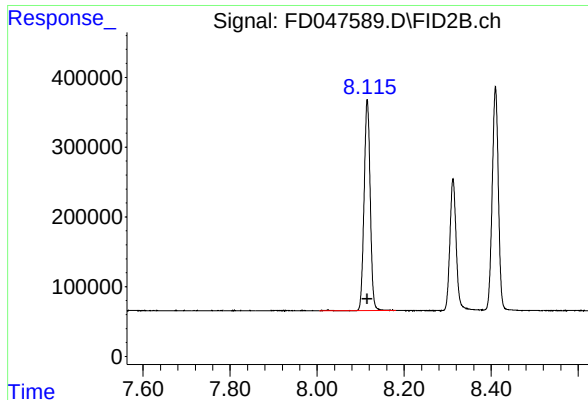
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 3259834
Conc: 19.82 ug/ml



#4 2-Bromonaphthalene (SURR)

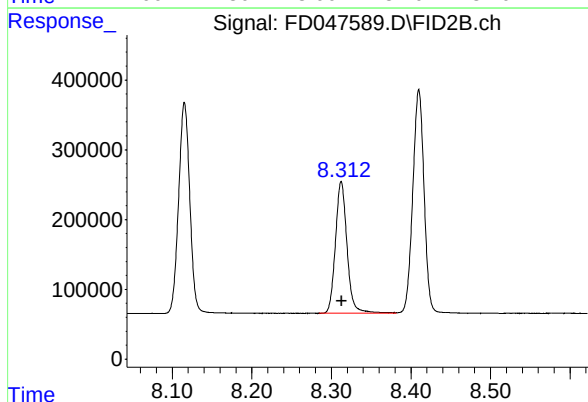
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 2943496
Conc: 19.69 ug/ml



#5 Acenaphthylene (C15.06)

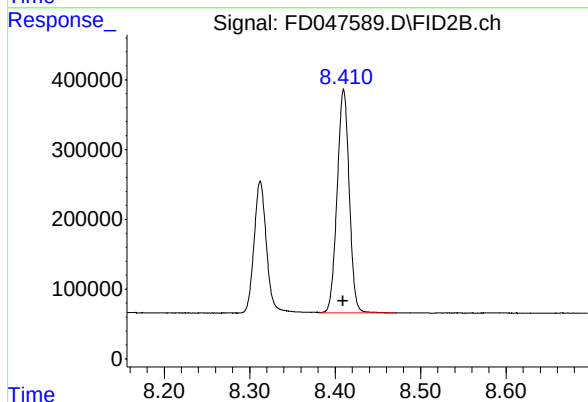
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 2936443
Conc: 19.45 ug/ml

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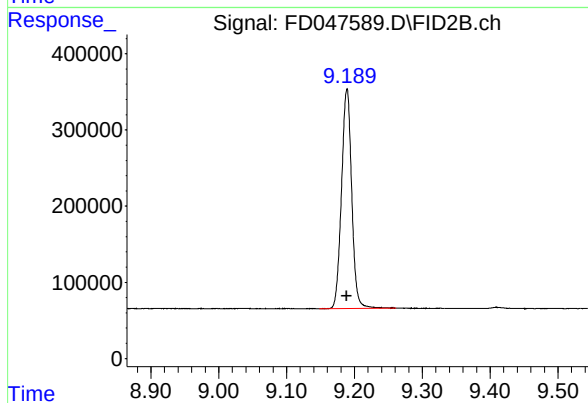
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 1916044
Conc: 19.61 ug/ml



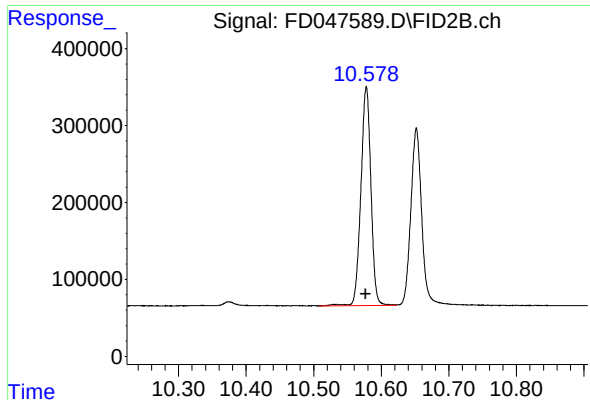
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 3161241
Conc: 19.74 ug/ml



#8 Flouorene (C16.55)

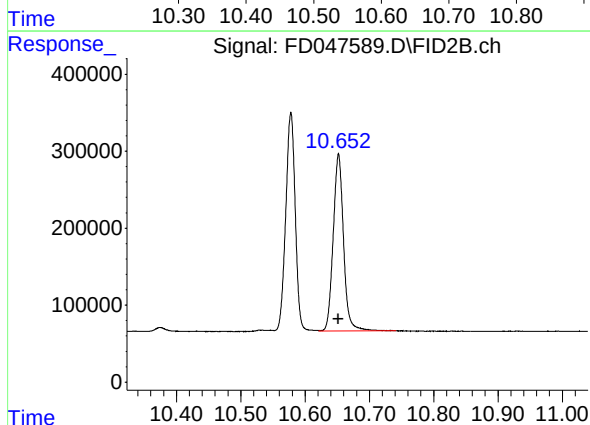
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3002677
Conc: 19.41 ug/ml



#9 Phenanthrene (C19.36)

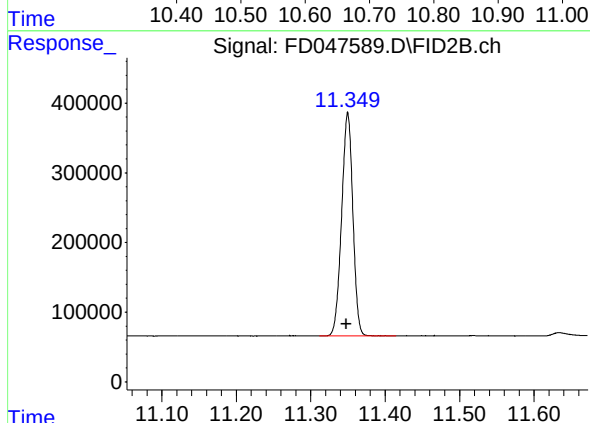
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 2942274
Conc: 19.78 ug/ml

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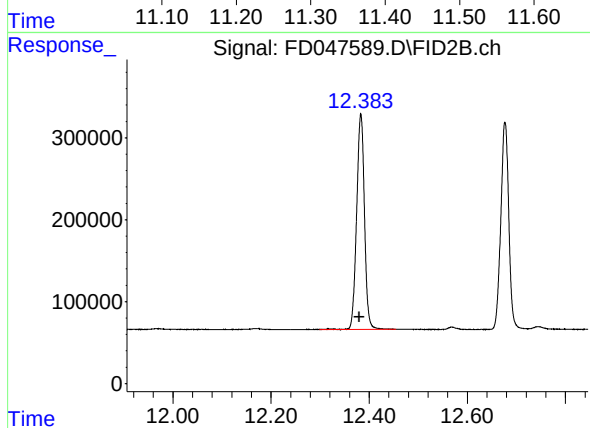
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: 0.000 min
Response: 2570737
Conc: 18.90 ug/ml



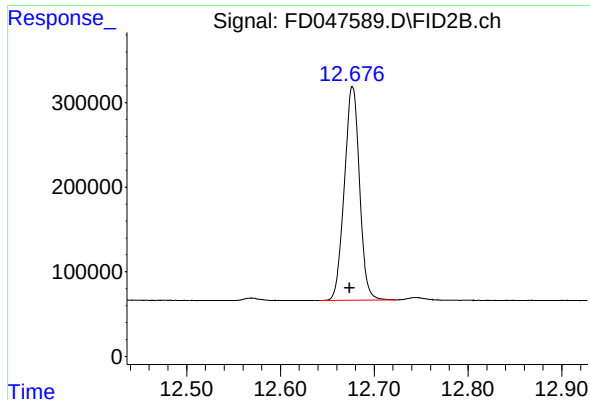
#11 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: 0.002 min
Response: 3365175
Conc: 19.63 ug/ml



#12 Fluoranthene (C21.85)

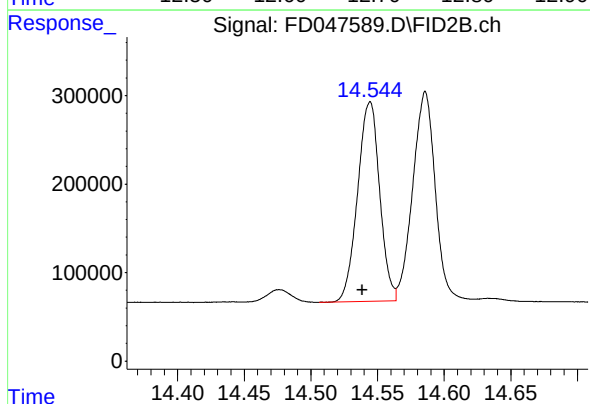
R.T.: 12.383 min
Delta R.T.: 0.003 min
Response: 2912456
Conc: 19.70 ug/ml



#13 Pyrene (C20.8)

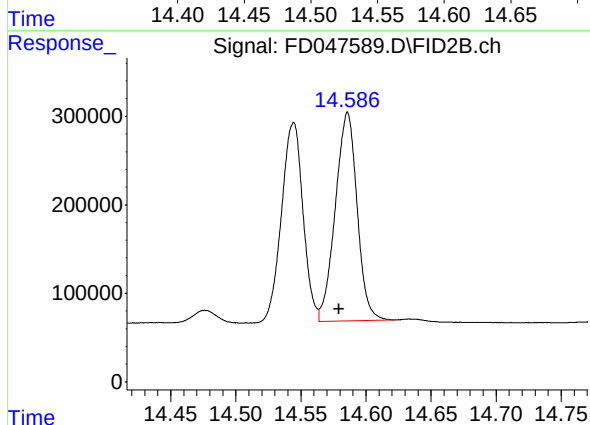
R.T.: 12.677 min
Delta R.T.: 0.003 min
Response: 2841666
Conc: 19.69 ug/ml

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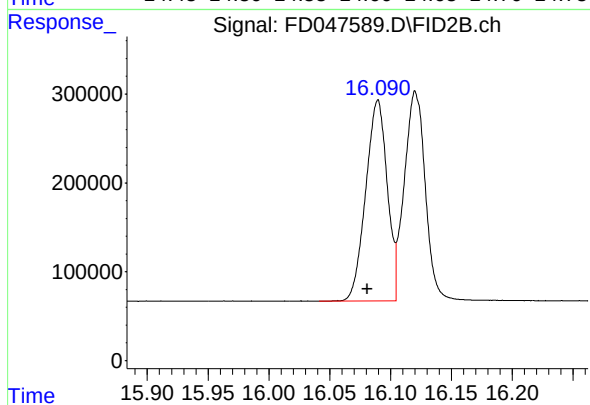
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.006 min
Response: 2594535
Conc: 19.73 ug/ml



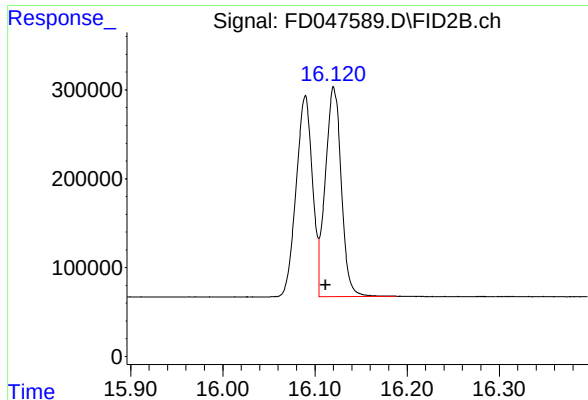
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.006 min
Response: 2742558
Conc: 19.45 ug/ml



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

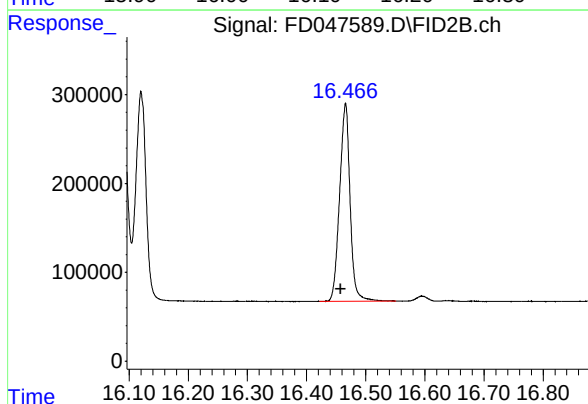
R.T.: 16.089 min
Delta R.T.: 0.008 min
Response: 2780545
Conc: 19.93 ug/ml



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

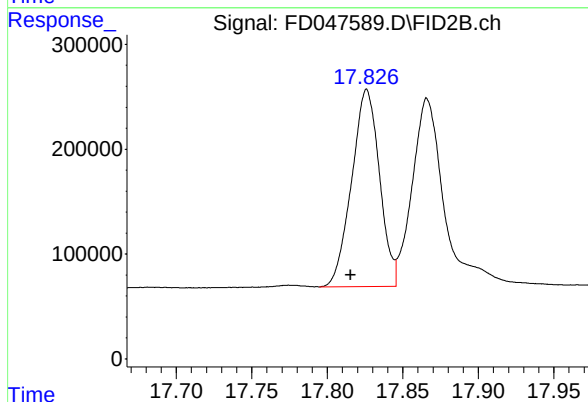
R.T.: 16.121 min
Delta R.T.: 0.009 min
Response: 2843428
Conc: 20.44 ug/ml

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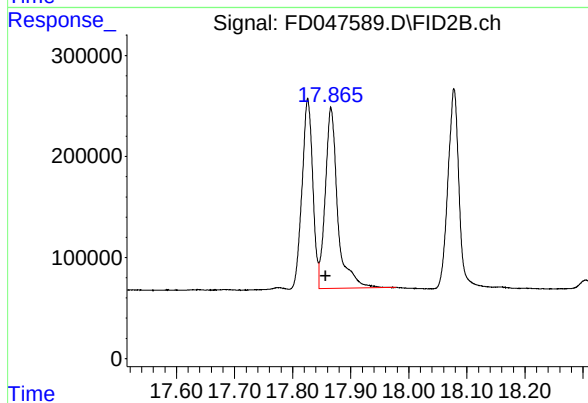
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.008 min
Response: 2732800
Conc: 19.90 ug/ml



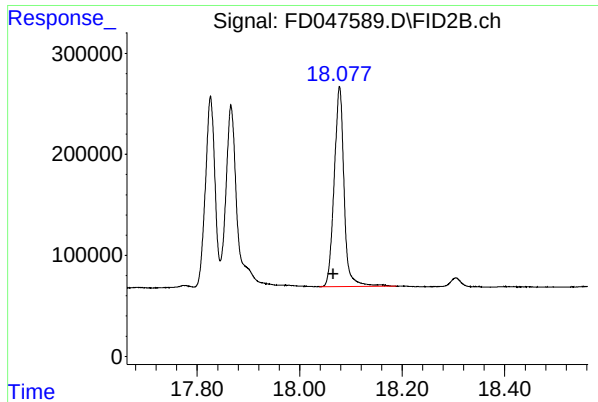
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: 0.011 min
Response: 2414814
Conc: 17.90 ug/ml



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

R.T.: 17.866 min
Delta R.T.: 0.009 min
Response: 2683974
Conc: 19.97 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.012 min
Response: 2653848
Conc: 19.12 ug/ml

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