

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047308.D
 Signal(s) : FID2B.ch
 Acq On : 26 Feb 2024 10:52
 Operator : YP/AJ
 Sample : PB159268BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159268BS

Integration File: autoint1.e
 Quant Time: Feb 27 02:58:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.465	7444685	48.900 ug/ml
Spiked Amount 50.000		Recovery =	97.80%
6) S 2-Fluorobiphenyl (SURR)	8.318	4832144	47.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.61%
11) S ortho-Terphenyl (SURR)	11.356	6861589	38.905 ug/ml
Spiked Amount 50.000		Recovery =	77.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	4553946	28.887 ug/ml
2) T Naphthalene (C11.7)	5.804	5590072	33.635 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	5876122	34.844 ug/ml
5) T Acenaphthylene (C15.06)	8.122	6285001	40.834 ug/ml
7) T Acenaphthene (C15.5)	8.417	6239958	37.857 ug/ml
8) T Flouorene (C16.55)	9.195	6588469	41.555 ug/ml
9) T Phenanthrene (C19.36)	10.584	6792325	43.721 ug/ml
10) T Anthracene (C19.43)	10.659	6352518	43.078 ug/ml
12) T Fluoranthene (C21.85)	12.389	7123490	46.008 ug/ml
13) T Pyrene (C20.8)	12.683	7104431	47.228 ug/ml
14) T Benzo[a]anthracene (C...	14.548	6615761	49.216 ug/ml
15) T Chrysene (C27.41)	14.591	6686456	45.662 ug/ml
16) T benzo[b]fluoranthene ...	16.092	6411338	46.565 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	6420249	46.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	6104259	45.091 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	6364899	50.417 ug/ml
20) T Dibenz[a,h]anthracene...	17.866	6116025	45.902 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	5896502	44.470 ug/ml

(f)=RT Delta > 1/2 Window

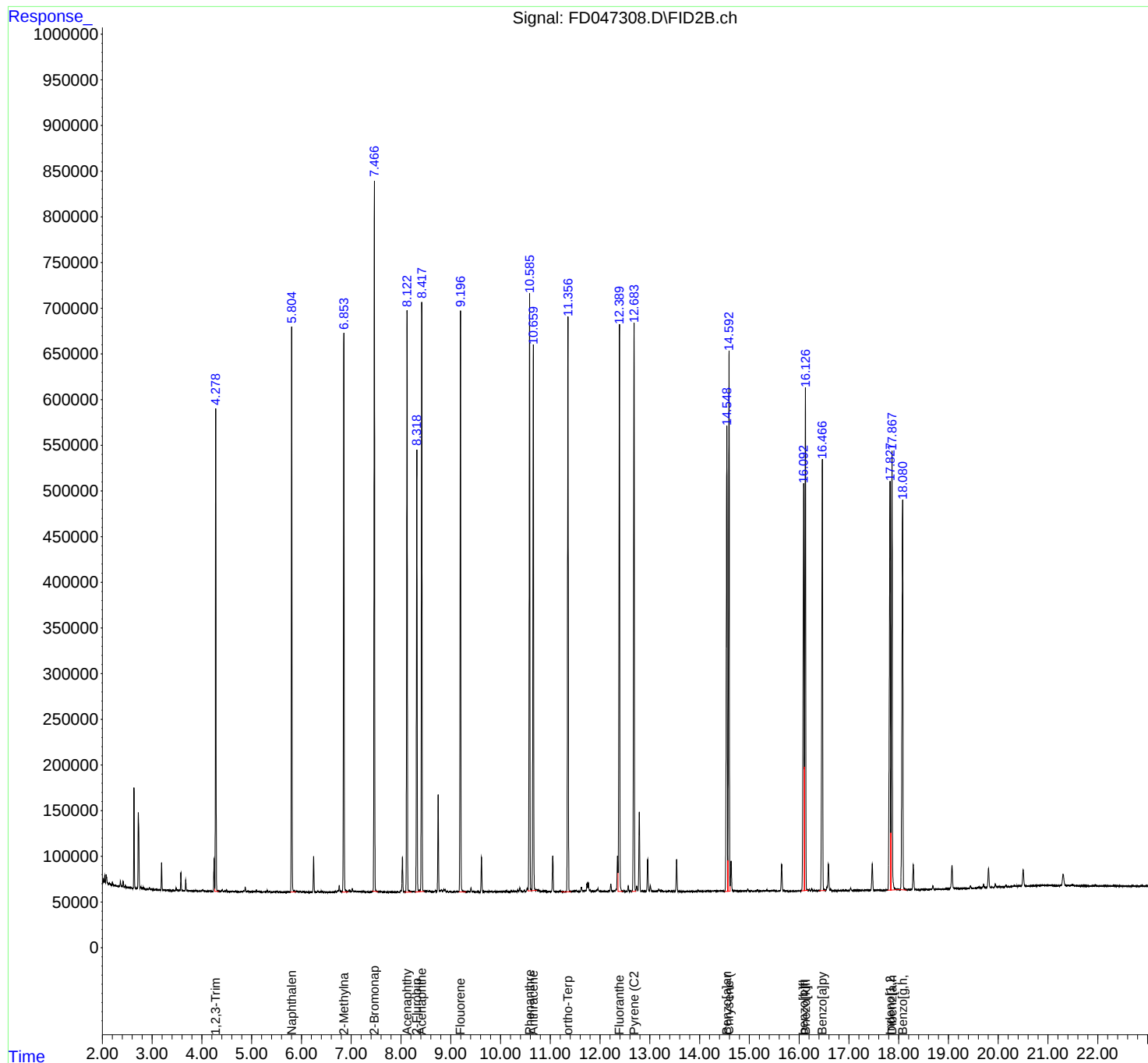
(m)=manual int.

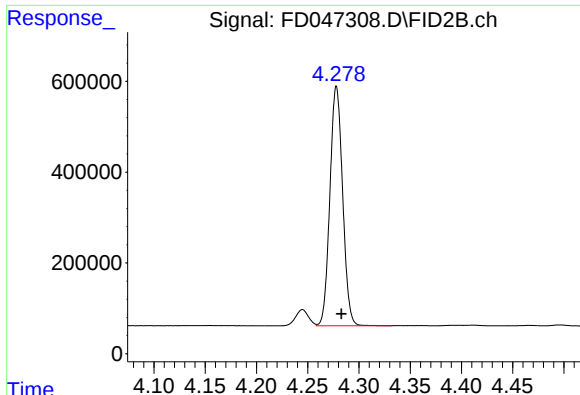
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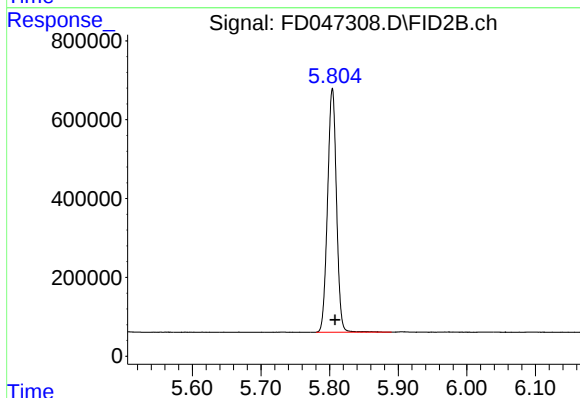




#1 1,2,3-Trimethylbenzene (C10.1)

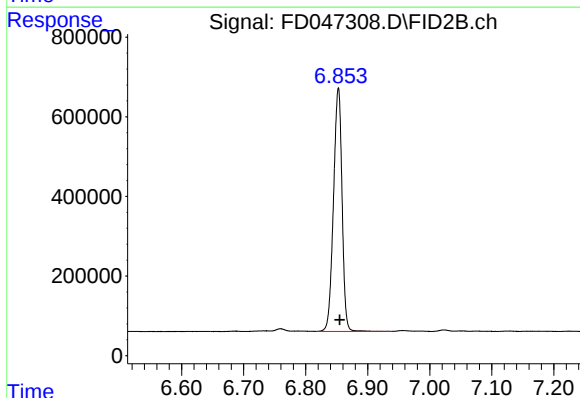
R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 4553946
Conc: 28.89 ug/ml

Instrument :
FID_D
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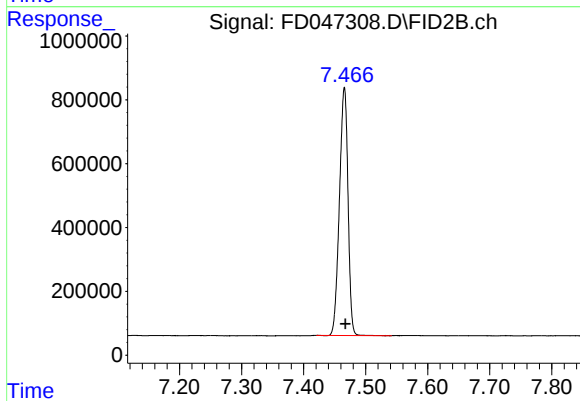
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 5590072
Conc: 33.64 ug/ml



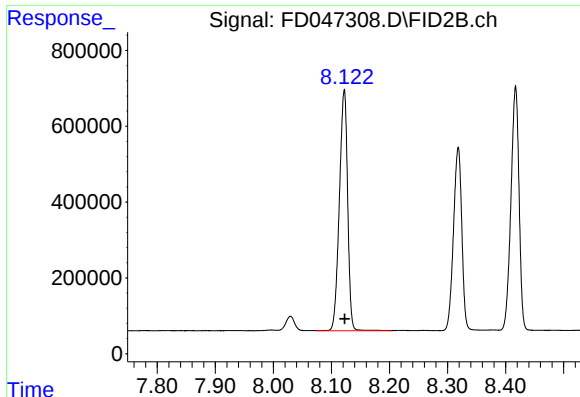
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 5876122
Conc: 34.84 ug/ml



#4 2-Bromonaphthalene (SURR)

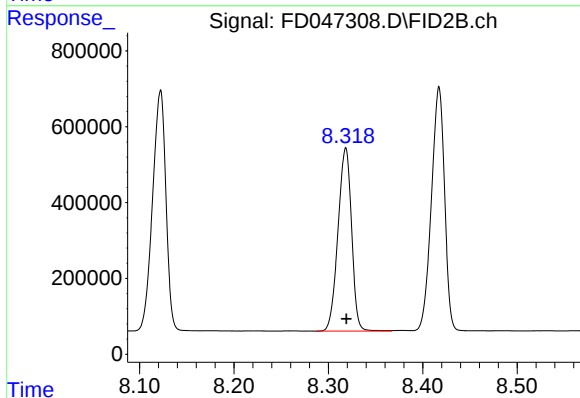
R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 7444685
Conc: 48.90 ug/ml



#5 Acenaphthylene (C15.06)

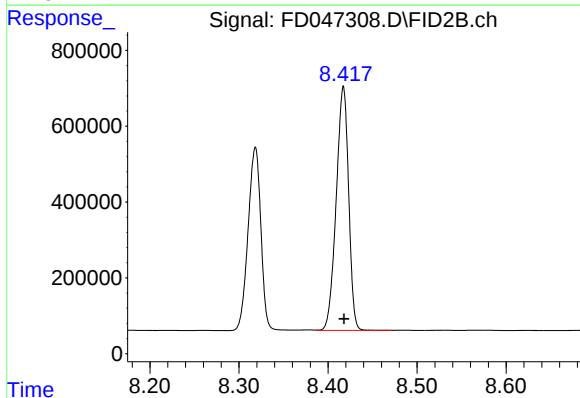
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 6285001
Conc: 40.83 ug/ml

Instrument :
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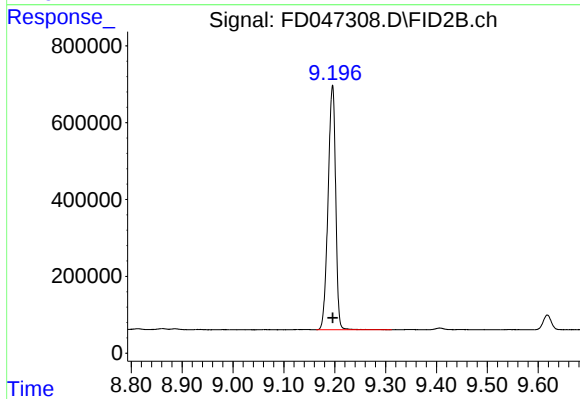
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 4832144
Conc: 47.81 ug/ml



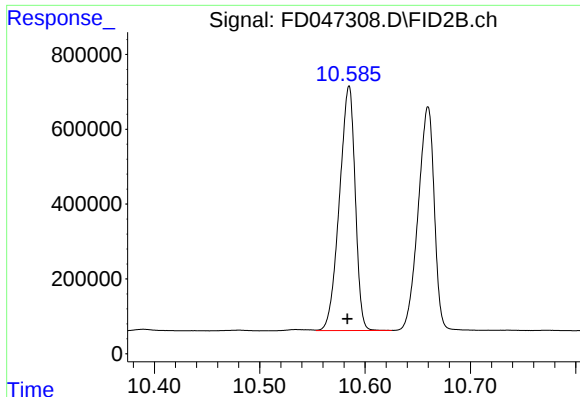
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 6239958
Conc: 37.86 ug/ml



#8 Fluorene (C16.55)

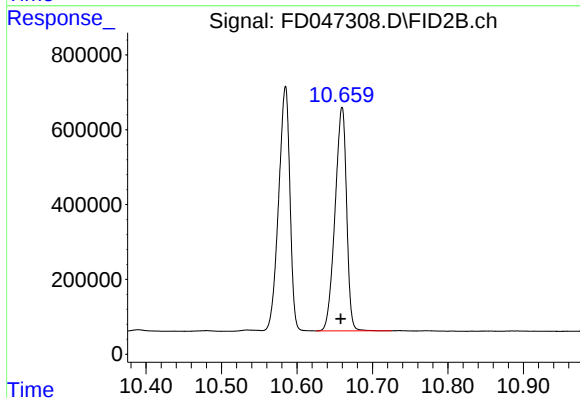
R.T.: 9.195 min
Delta R.T.: 0.000 min
Response: 6588469
Conc: 41.56 ug/ml



#9 Phenanthrene (C19.36)

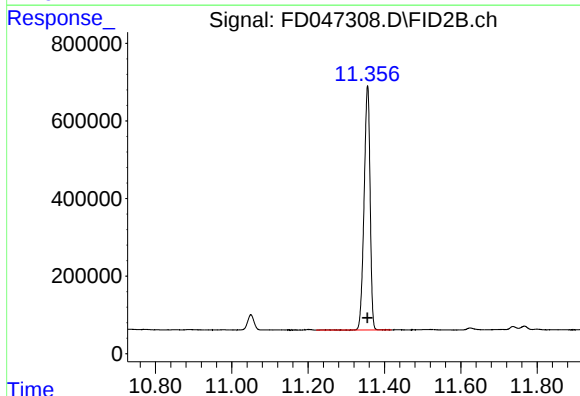
R.T.: 10.584 min
Delta R.T.: 0.001 min
Response: 6792325
Conc: 43.72 ug/ml

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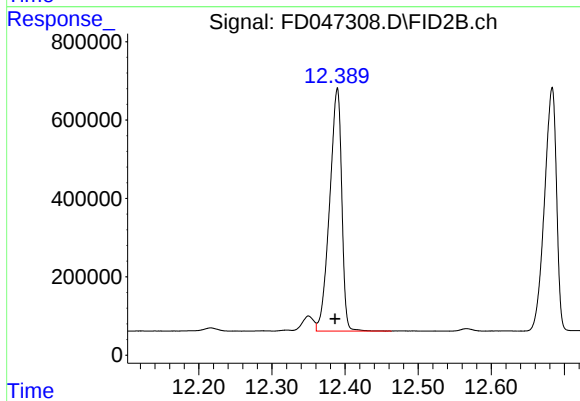
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.002 min
Response: 6352518
Conc: 43.08 ug/ml



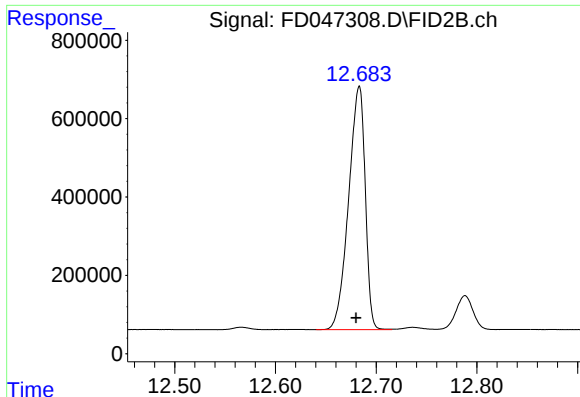
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 6861589
Conc: 38.90 ug/ml



#12 Fluoranthene (C21.85)

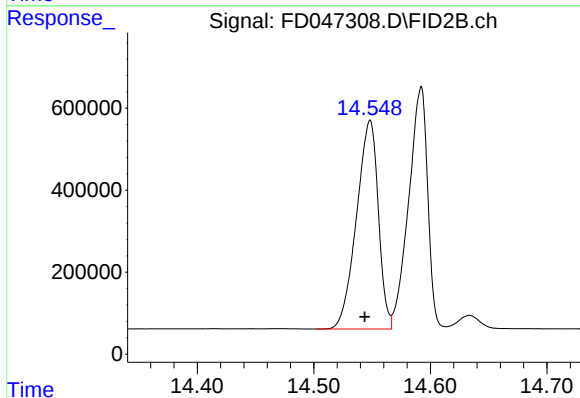
R.T.: 12.389 min
Delta R.T.: 0.003 min
Response: 7123490
Conc: 46.01 ug/ml



#13 Pyrene (C20.8)

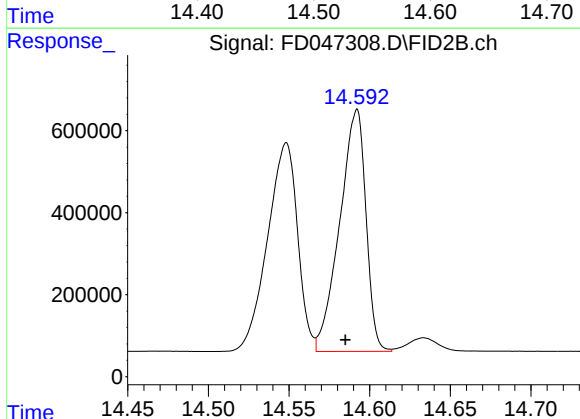
R.T.: 12.683 min
Delta R.T.: 0.003 min
Response: 7104431
Conc: 47.23 ug/ml

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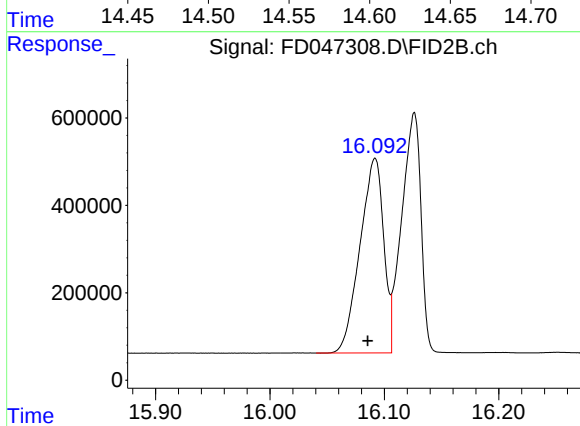
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: 0.004 min
Response: 6615761
Conc: 49.22 ug/ml



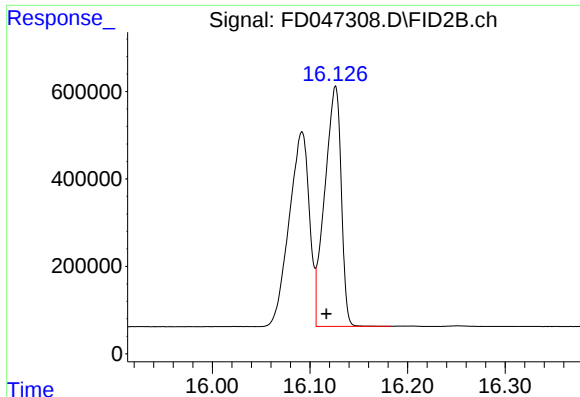
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.006 min
Response: 6686456
Conc: 45.66 ug/ml



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

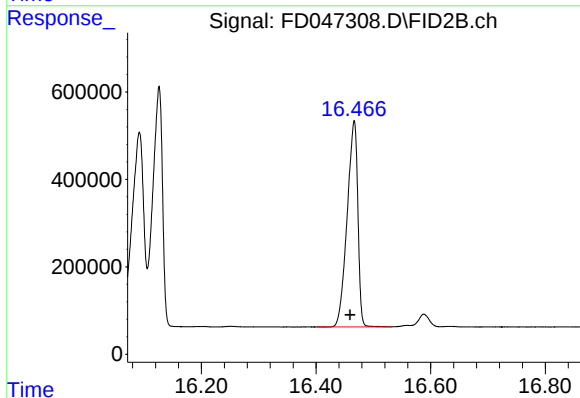
R.T.: 16.092 min
Delta R.T.: 0.006 min
Response: 6411338
Conc: 46.57 ug/ml



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

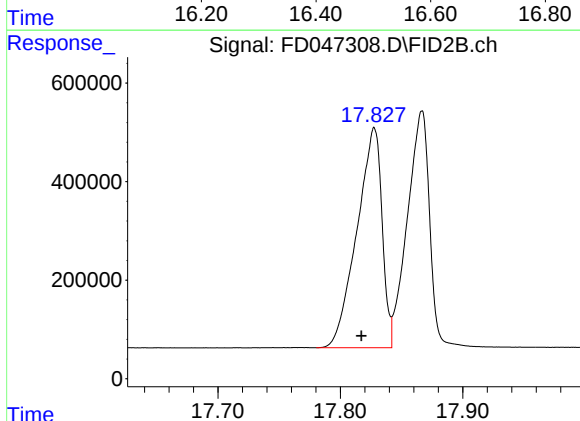
R.T.: 16.126 min
Delta R.T.: 0.009 min
Response: 6420249
Conc: 46.27 ug/ml

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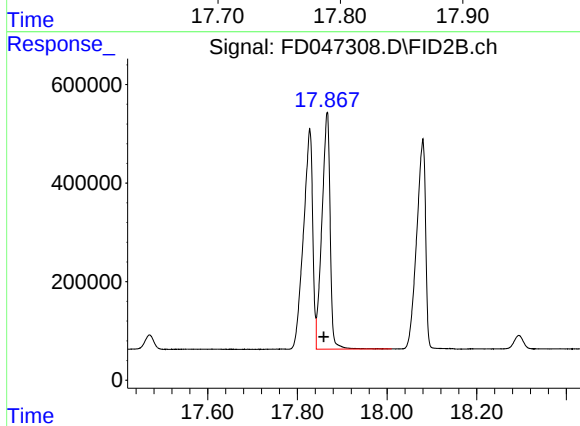
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.007 min
Response: 6104259
Conc: 45.09 ug/ml



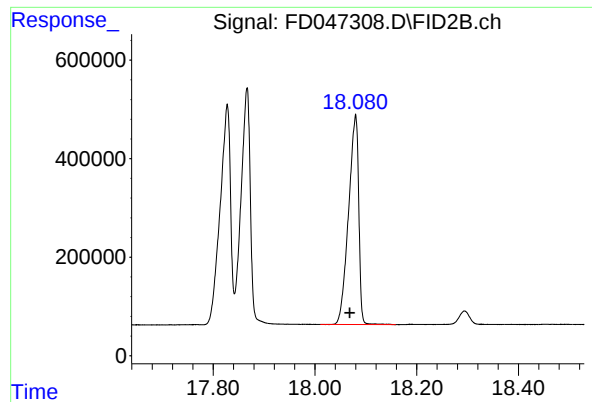
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.010 min
Response: 6364899
Conc: 50.42 ug/ml



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

R.T.: 17.866 min
Delta R.T.: 0.007 min
Response: 6116025
Conc: 45.90 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.010 min
Response: 5896502
Conc: 44.47 ug/ml

Instrument :
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