

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
 Data File : FD047609.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2024 14:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 29 16:09:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 16:08:55 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	3127002	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.312	2098849	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.352	3698513	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3227705	20.000 ug/ml
2) T Naphthalene (C11.7)	5.796	3387885	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	3401446	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3258255	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.410	3360819	20.000 ug/ml
8) T Flouorene (C16.55)	9.189	3316642	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.579	3258084	20.000 ug/ml
10) T Anthracene (C19.43)	10.654	2982457	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.385	3308542	20.000 ug/ml
13) T Pyrene (C20.8)	12.679	3216909	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2941629	20.000 ug/ml
15) T Chrysene (C27.41)	14.589	3154517	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.094	3003558	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	3012076	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	2911877	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	2722564	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	2876699	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	2779411	20.000 ug/ml

(f)=RT Delta > 1/2 Window

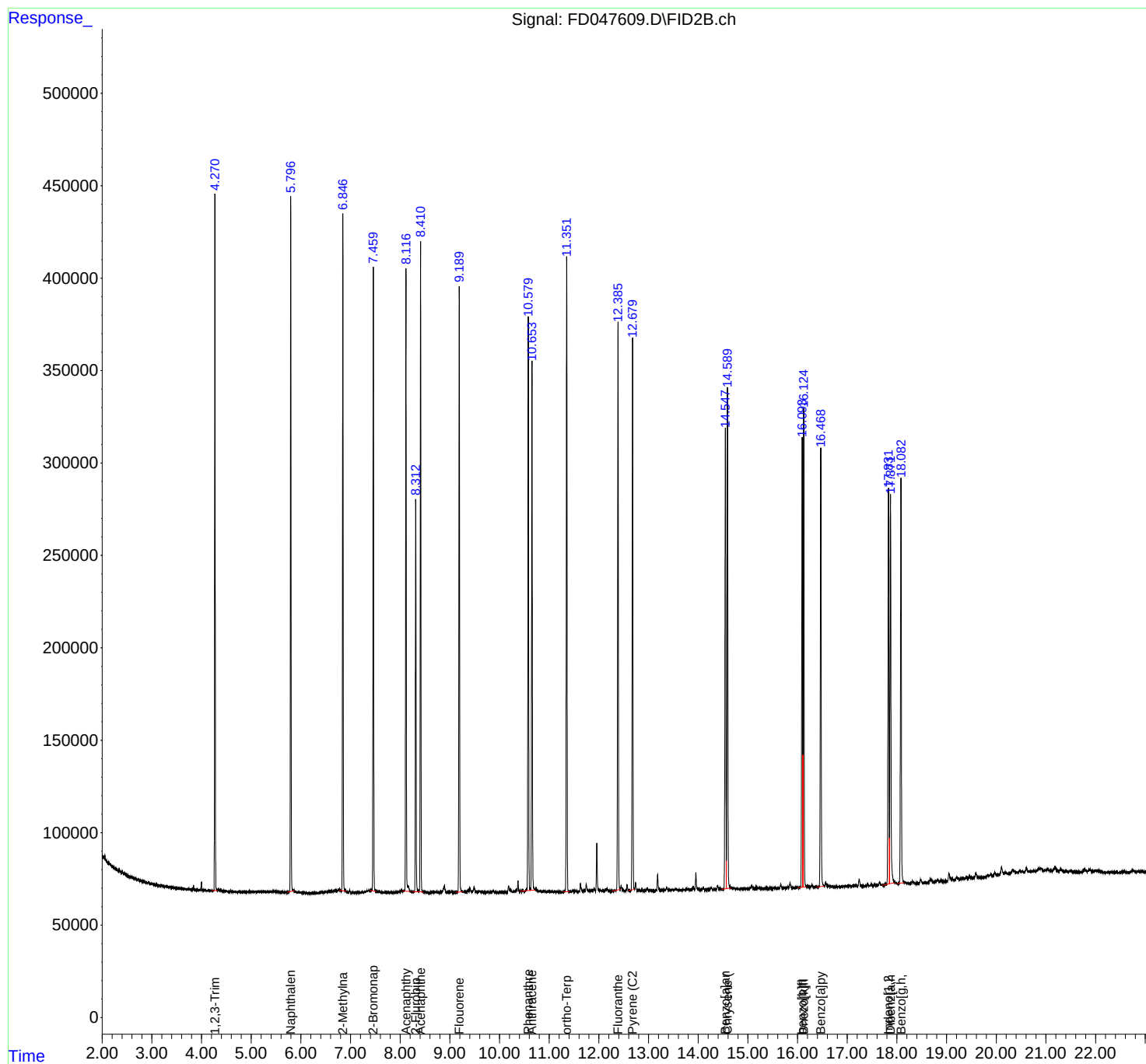
(m)=manual int.

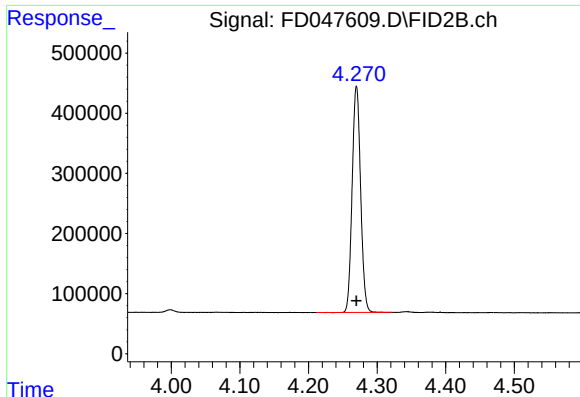
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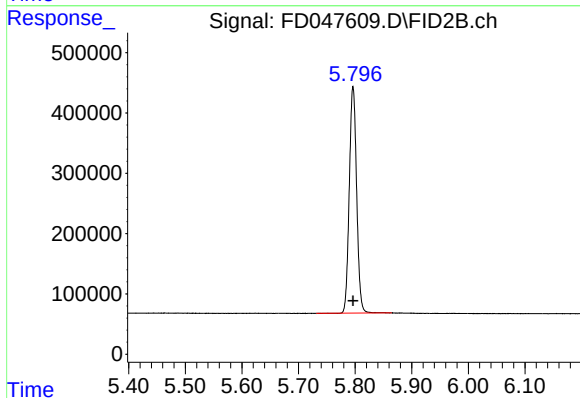




#1 1,2,3-Trimethylbenzene (C10.1)

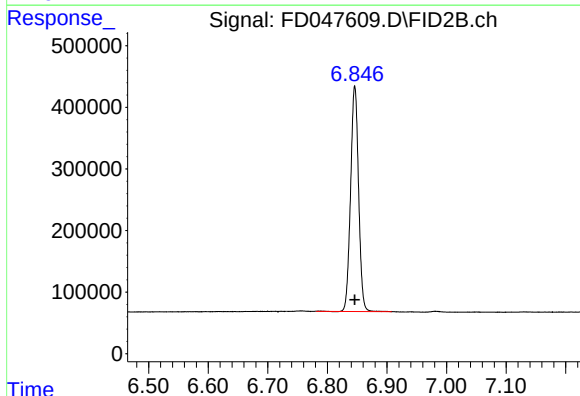
R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 3227705
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



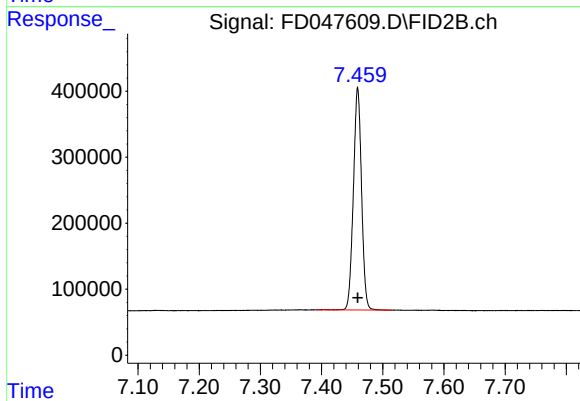
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 3387885
Conc: 20.00 ug/ml



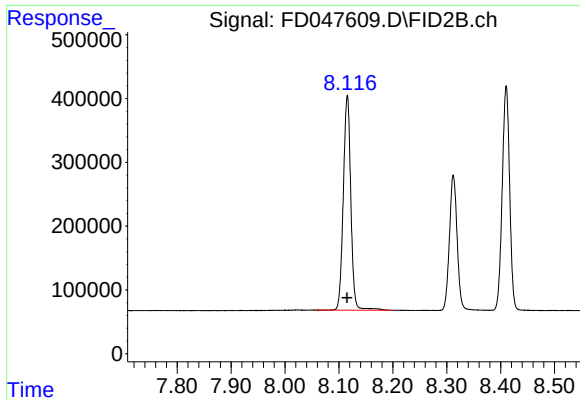
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 3401446
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

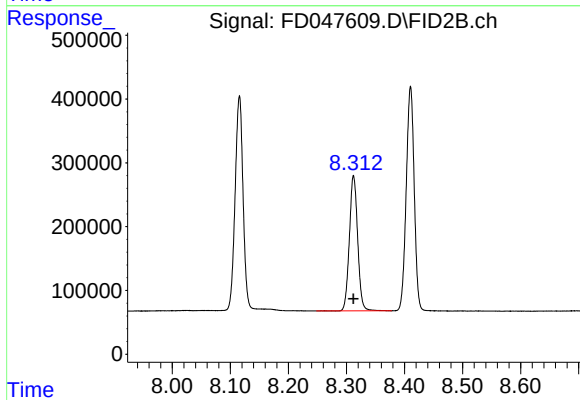
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 3127002
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

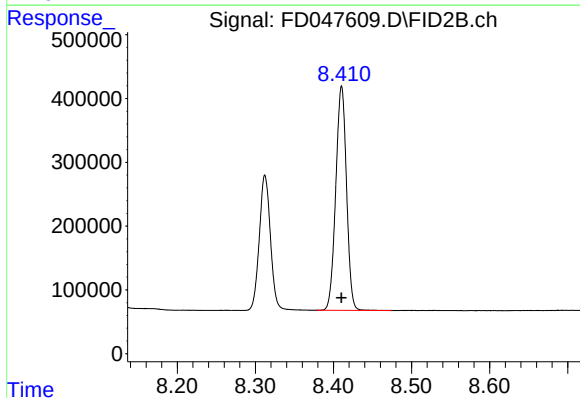
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3258255
Conc: 20.00 ug/ml

Instrument :
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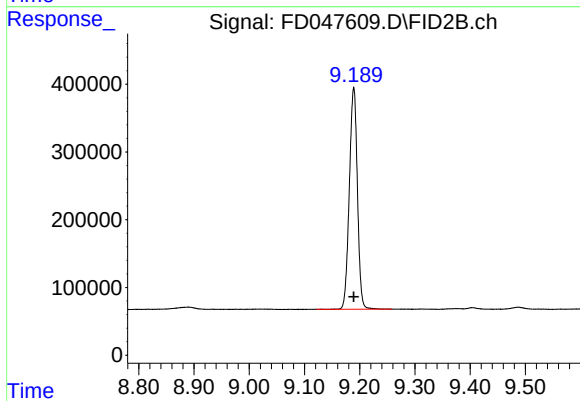
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2098849
Conc: 20.00 ug/ml



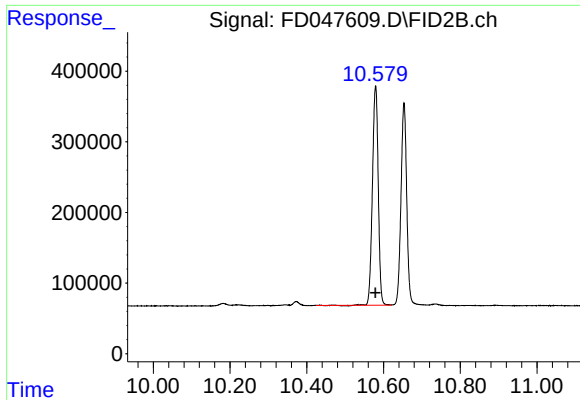
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 3360819
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

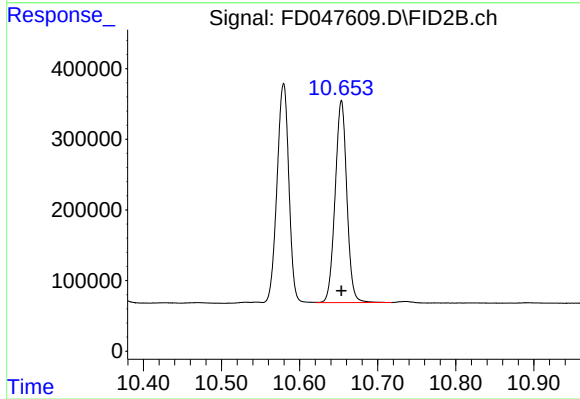
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3316642
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

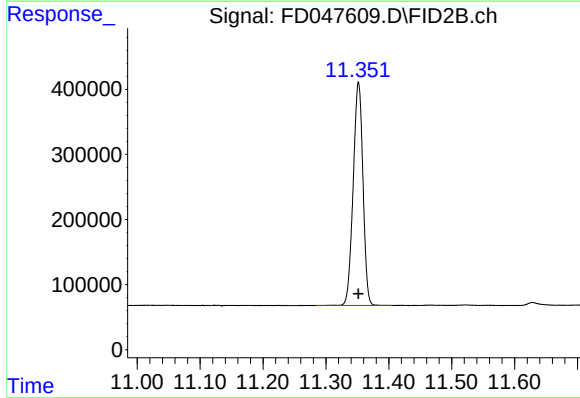
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 3258084
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



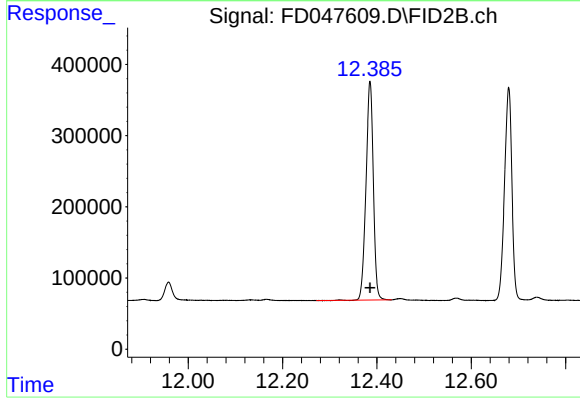
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2982457
Conc: 20.00 ug/ml



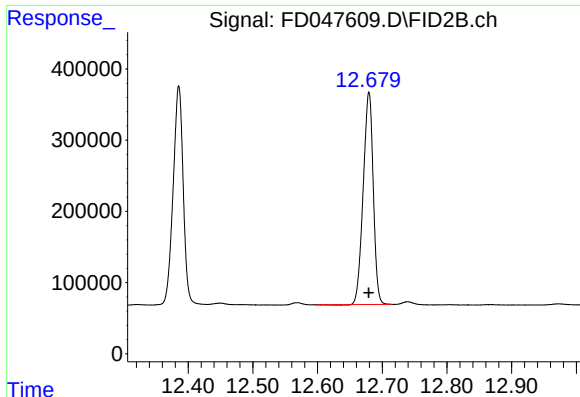
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 3698513
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

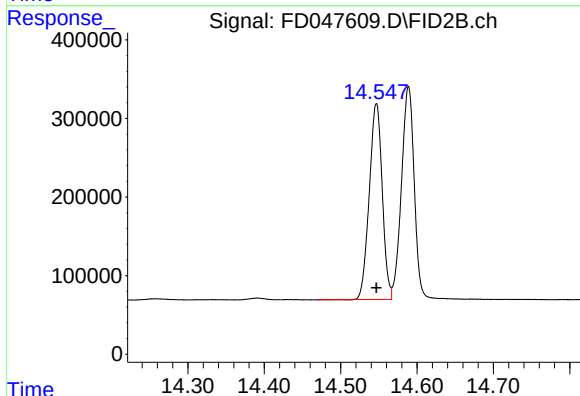
R.T.: 12.385 min
Delta R.T.: 0.000 min
Response: 3308542
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

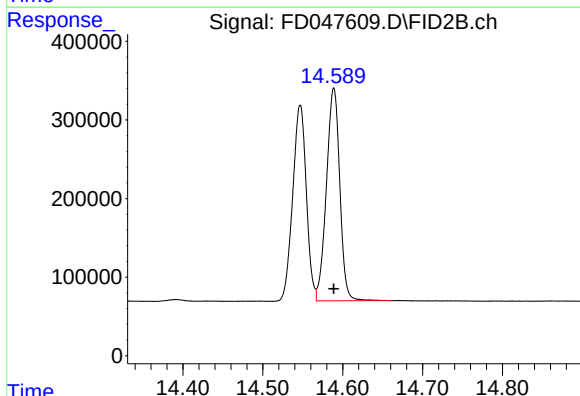
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 3216909
Conc: 20.00 ug/ml

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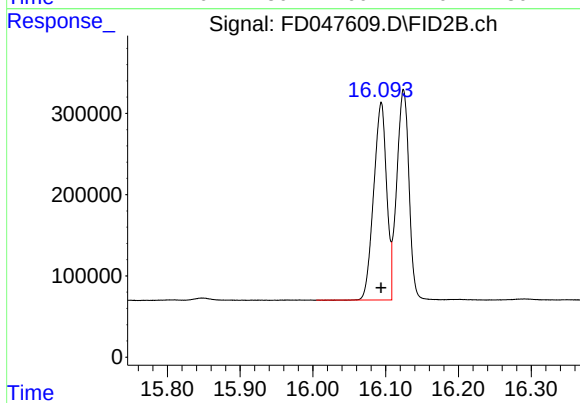
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.000 min
Response: 2941629
Conc: 20.00 ug/ml



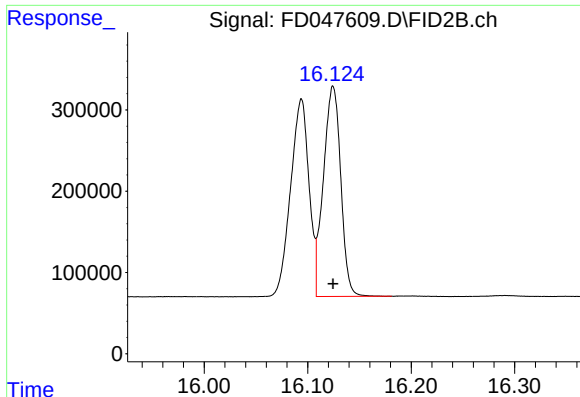
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.000 min
Response: 3154517
Conc: 20.00 ug/ml



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

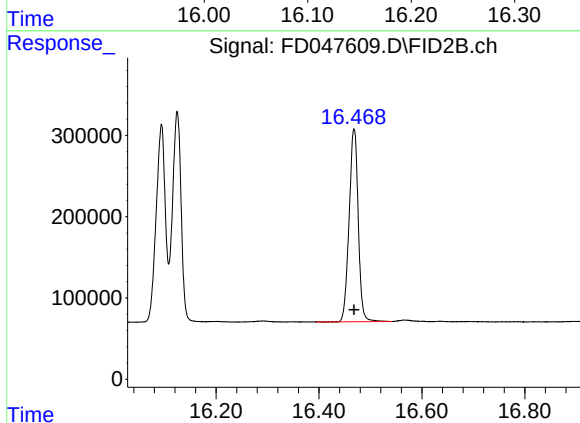
R.T.: 16.094 min
Delta R.T.: 0.000 min
Response: 3003558
Conc: 20.00 ug/ml



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

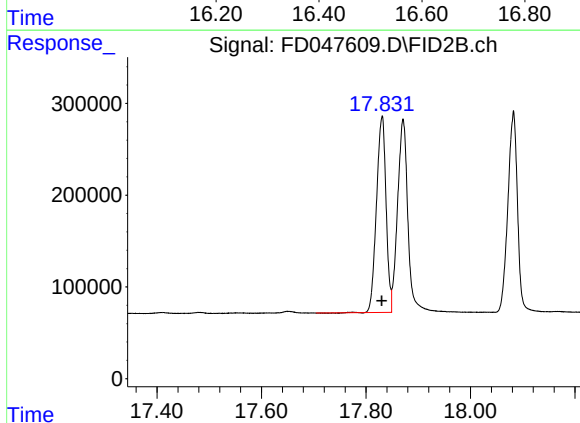
R.T.: 16.124 min
Delta R.T.: 0.000 min
Response: 3012076
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



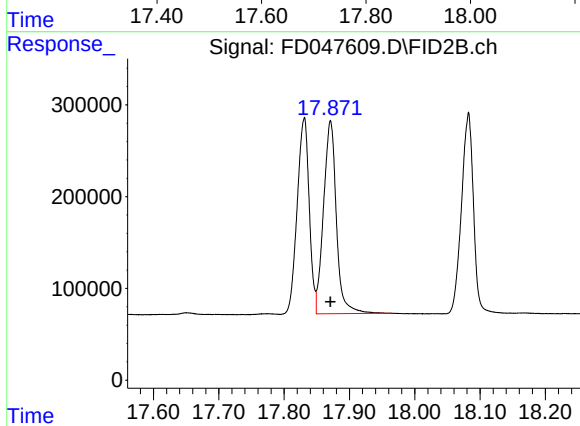
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.000 min
Response: 2911877
Conc: 20.00 ug/ml



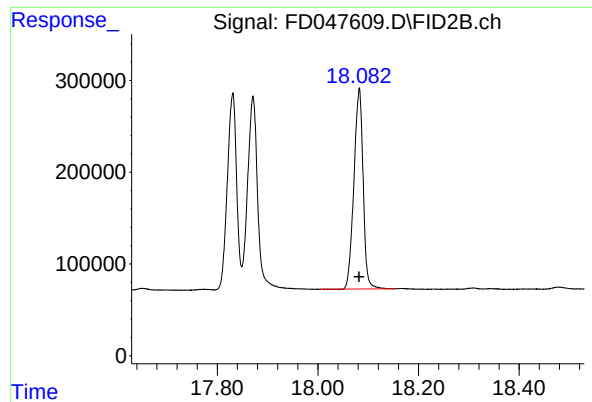
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.000 min
Response: 2722564
Conc: 20.00 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 2876699
Conc: 20.00 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.000 min
Response: 2779411
Conc: 20.00 ug/ml

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