

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103025AR\
 Data File : FD049852.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 13:53
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 30 15:54:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 15:52:03 2025
 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...	7.701	5735130	52.862 ug/ml
Spiked Amount 50.000		Recovery =	105.72%
6) S 2-Fluorobiphenyl (SURR)	8.566	4096139	52.971 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.94%
11) S ortho-Terphenyl (SURR)	11.614	7284354	53.060 ug/ml
Spiked Amount 50.000		Recovery =	106.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	5593515	52.522 ug/ml
2) T Naphthalene (C11.7)	6.036	6400469	52.635 ug/ml
3) T 2-Methylnaphthalene (...)	7.091	6679752	52.741 ug/ml
5) T Acenaphthylene (C15.06)	8.370	7020472	52.845 ug/ml
7) T Acenaphthene (C15.5)	8.667	7042310	52.851 ug/ml
8) T Flouorene (C16.55)	9.448	7078776	53.068 ug/ml
9) T Phenanthrene (C19.36)	10.847	7242060	53.124 ug/ml
10) T Anthracene (C19.43)	10.922	6481383	51.783 ug/ml
12) T Fluoranthene (C21.85)	12.662	7314718	53.337 ug/ml
13) T Pyrene (C20.8)	12.960	7268809	53.173 ug/ml
14) T Benzo[a]anthracene (C...	14.833	6579189	52.974 ug/ml
15) T Chrysene (C27.41)	14.878	6735031	53.029 ug/ml
16) T benzo[b]fluoranthene ...	16.385	6634680	52.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.420	6142209	52.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.765	6369655	52.509 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.131	5947903	52.770 ug/ml
20) T Dibenz[a,h]anthracene...	18.171	6167884	53.231 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	6325289	52.622 ug/ml

(f)=RT Delta > 1/2 Window

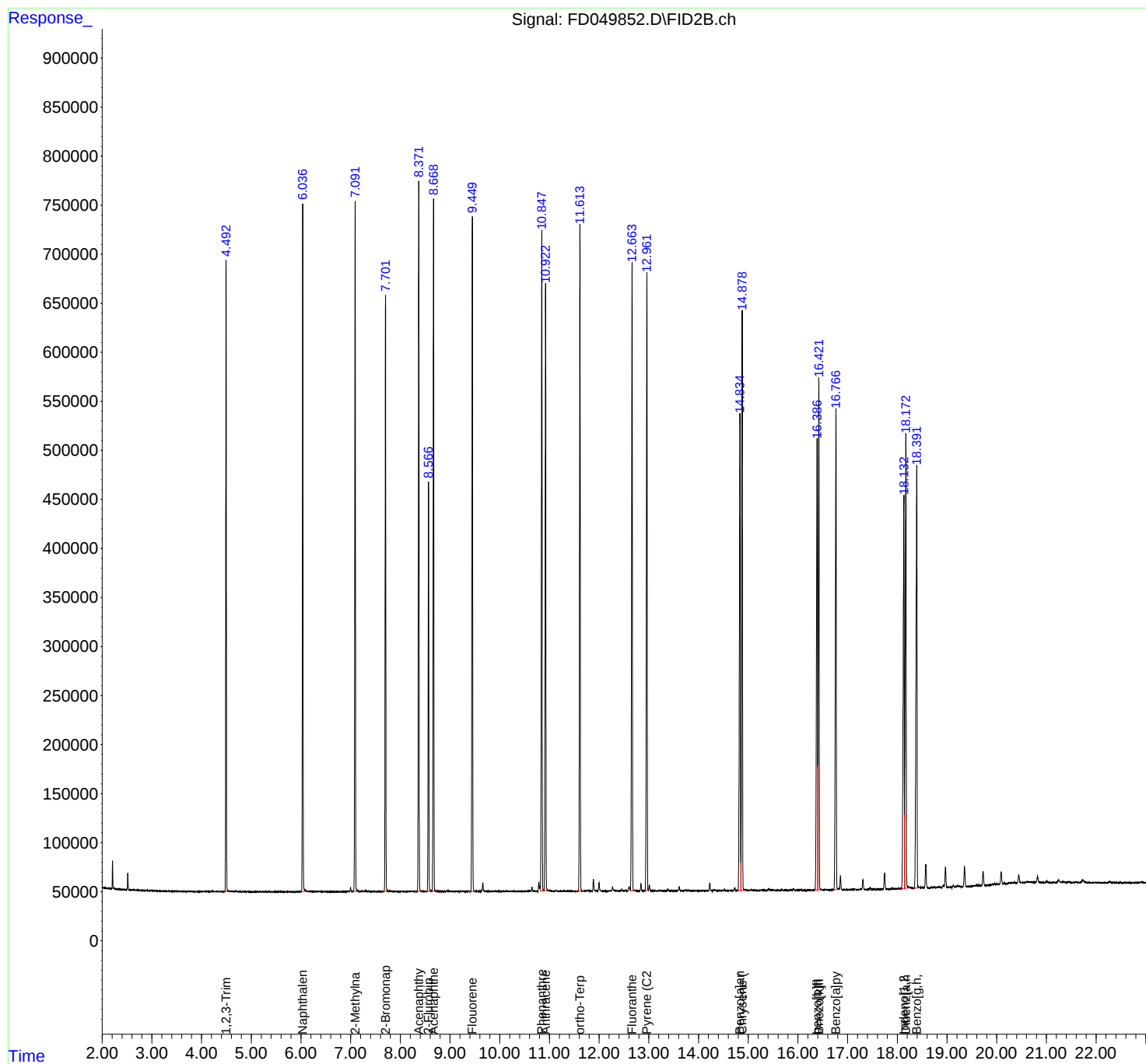
(m)=manual int.

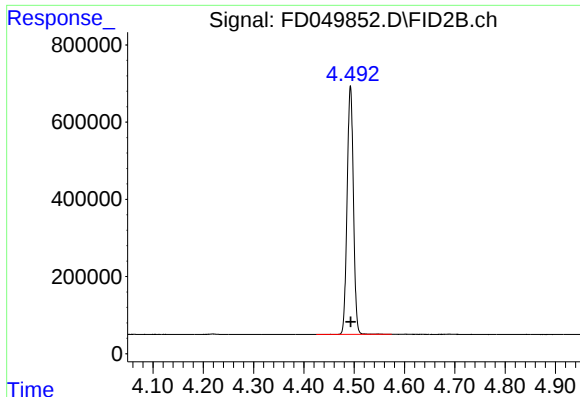
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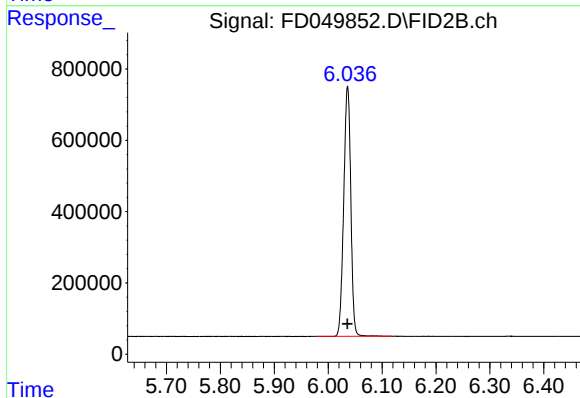




#1 1,2,3-Trimethylbenzene (C10.1)

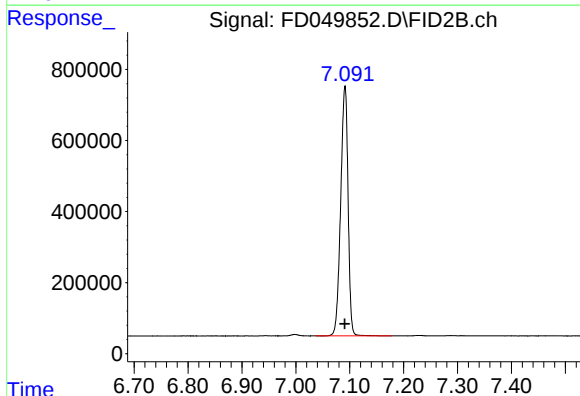
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 5593515
Conc: 52.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



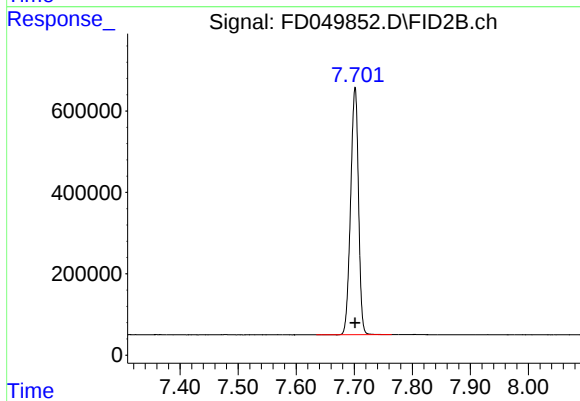
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 6400469
Conc: 52.63 ug/ml



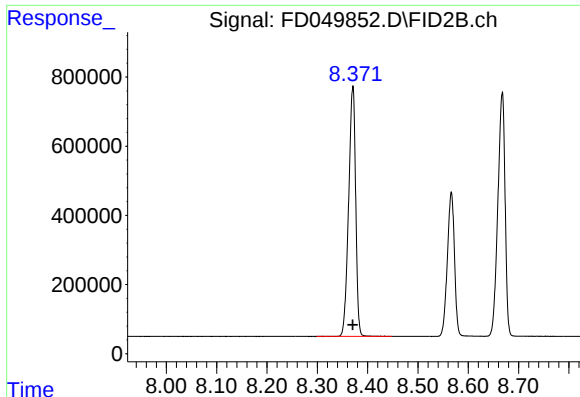
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 6679752
Conc: 52.74 ug/ml



#4 2-Bromonaphthalene (SURR)

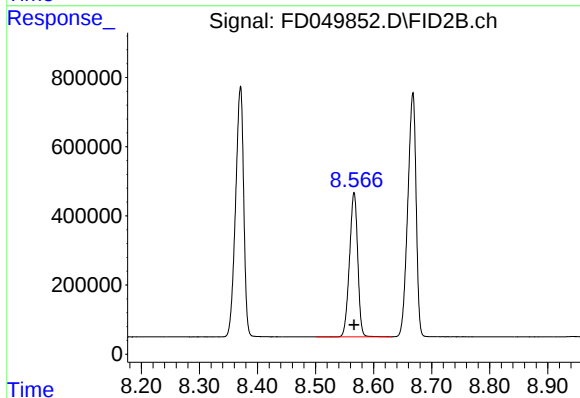
R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 5735130
Conc: 52.86 ug/ml



#5 Acenaphthylene (C15.06)

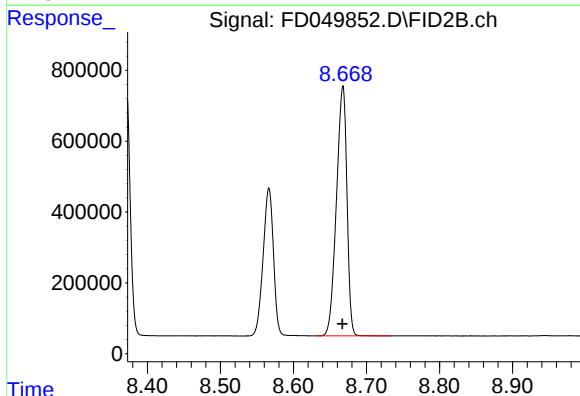
R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 7020472
Conc: 52.84 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



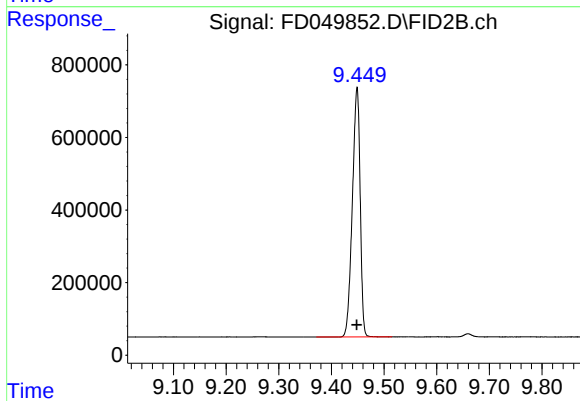
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 4096139
Conc: 52.97 ug/ml



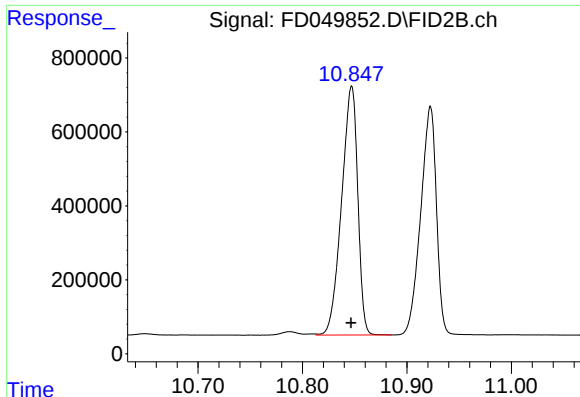
#7 Acenaphthene (C15.5)

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 7042310
Conc: 52.85 ug/ml



#8 Fluorene (C16.55)

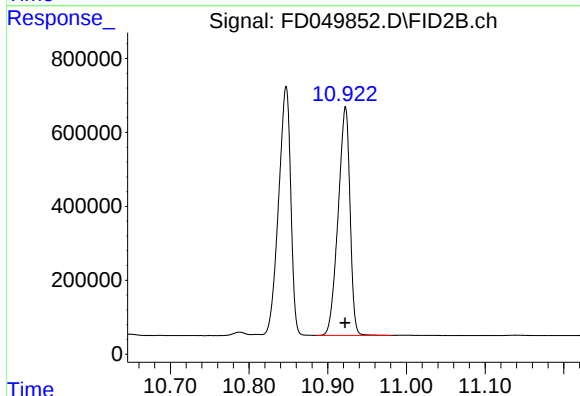
R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 7078776
Conc: 53.07 ug/ml



#9 Phenanthrene (C19.36)

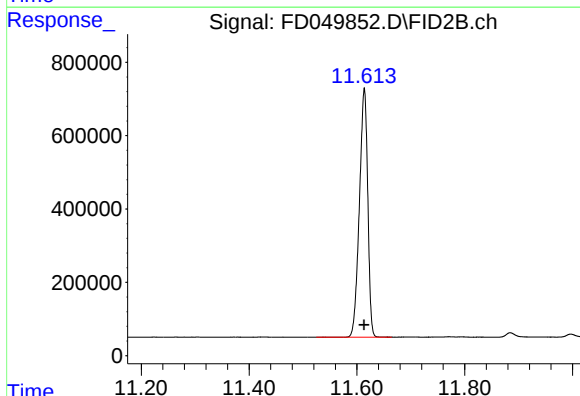
R.T.: 10.847 min
Delta R.T.: 0.000 min
Response: 7242060
Conc: 53.12 ug/ml

Instrument :
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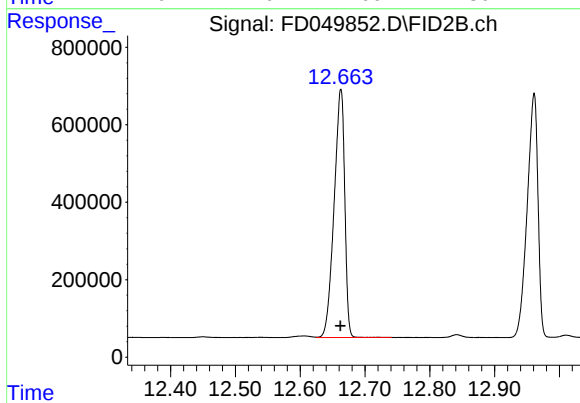
#10 Anthracene (C19.43)

R.T.: 10.922 min
Delta R.T.: 0.000 min
Response: 6481383
Conc: 51.78 ug/ml



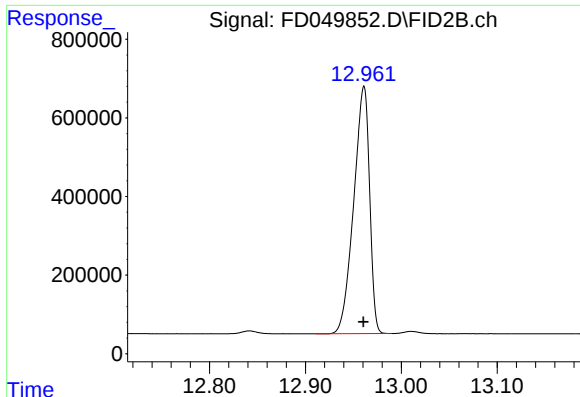
#11 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: 0.000 min
Response: 7284354
Conc: 53.06 ug/ml



#12 Fluoranthene (C21.85)

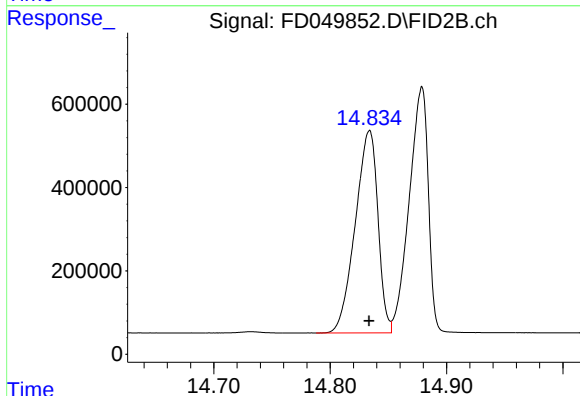
R.T.: 12.662 min
Delta R.T.: 0.000 min
Response: 7314718
Conc: 53.34 ug/ml



#13 Pyrene (C20.8)

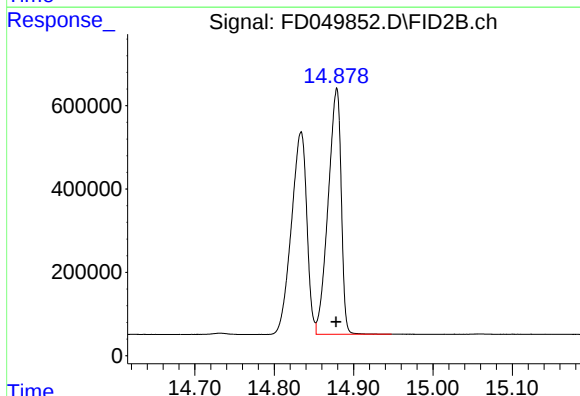
R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 7268809
Conc: 53.17 ug/ml

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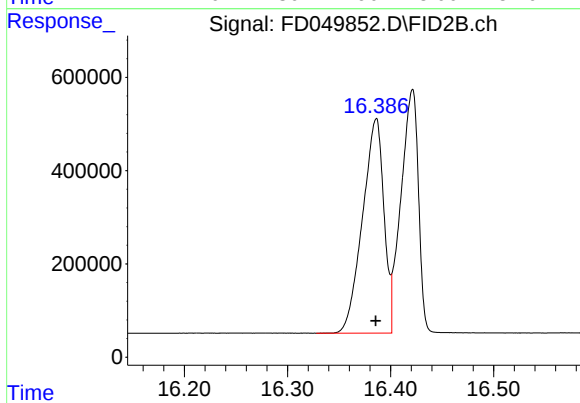
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.833 min
Delta R.T.: 0.000 min
Response: 6579189
Conc: 52.97 ug/ml



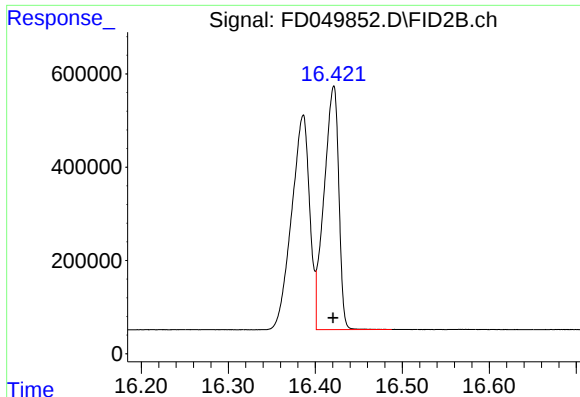
#15 Chrysene (C27.41)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 6735031
Conc: 53.03 ug/ml



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

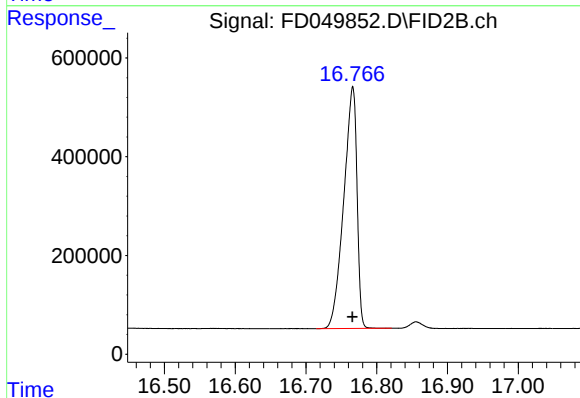
R.T.: 16.385 min
Delta R.T.: 0.000 min
Response: 6634680
Conc: 53.00 ug/ml



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

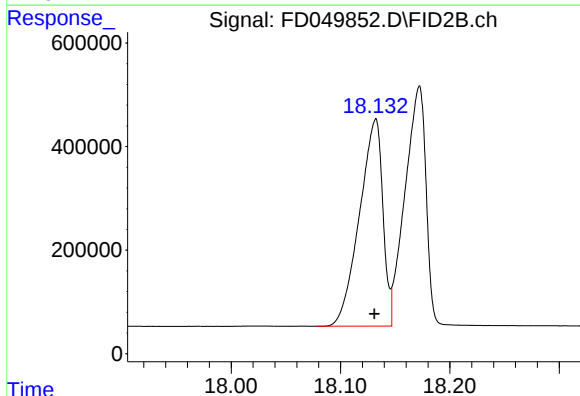
R.T.: 16.420 min
Delta R.T.: 0.000 min
Response: 6142209
Conc: 52.74 ug/ml

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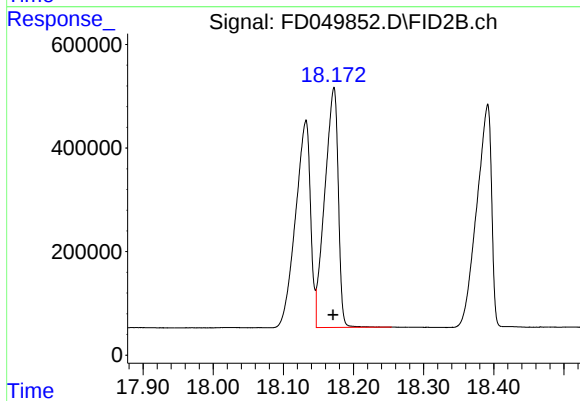
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.765 min
Delta R.T.: 0.000 min
Response: 6369655
Conc: 52.51 ug/ml



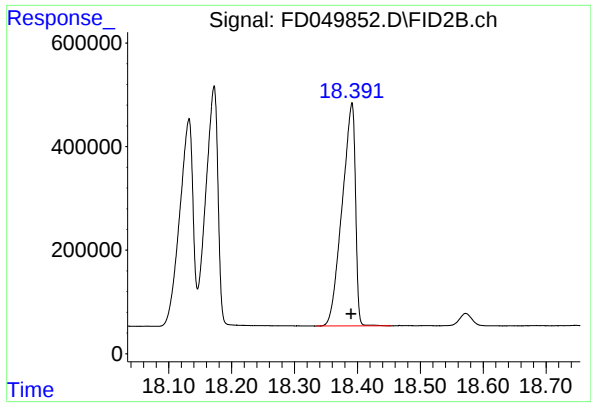
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.131 min
Delta R.T.: 0.000 min
Response: 5947903
Conc: 52.77 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.000 min
Response: 6167884
Conc: 53.23 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.000 min
Response: 6325289
Conc: 52.62 ug/ml

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