

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103025AR\
 Data File : FD049853.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 14:35
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 30 15:49:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 15:48:52 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...	7.699	2125891	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.563	1504937	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.609	2703437	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2120320	20.000 ug/ml
2) T Naphthalene (C11.7)	6.035	2392453	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	2485686	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.366	2601529	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.662	2616077	20.000 ug/ml
8) T Flouorene (C16.55)	9.443	2601569	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.841	2652740	20.000 ug/ml
10) T Anthracene (C19.43)	10.916	2403907	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.655	2670177	20.000 ug/ml
13) T Pyrene (C20.8)	12.953	2672107	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.825	2451837	20.000 ug/ml
15) T Chrysene (C27.41)	14.867	2529146	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2501962	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2360251	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2450710	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.118	2228576	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.160	2475474	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2447343	20.000 ug/ml

(f)=RT Delta > 1/2 Window

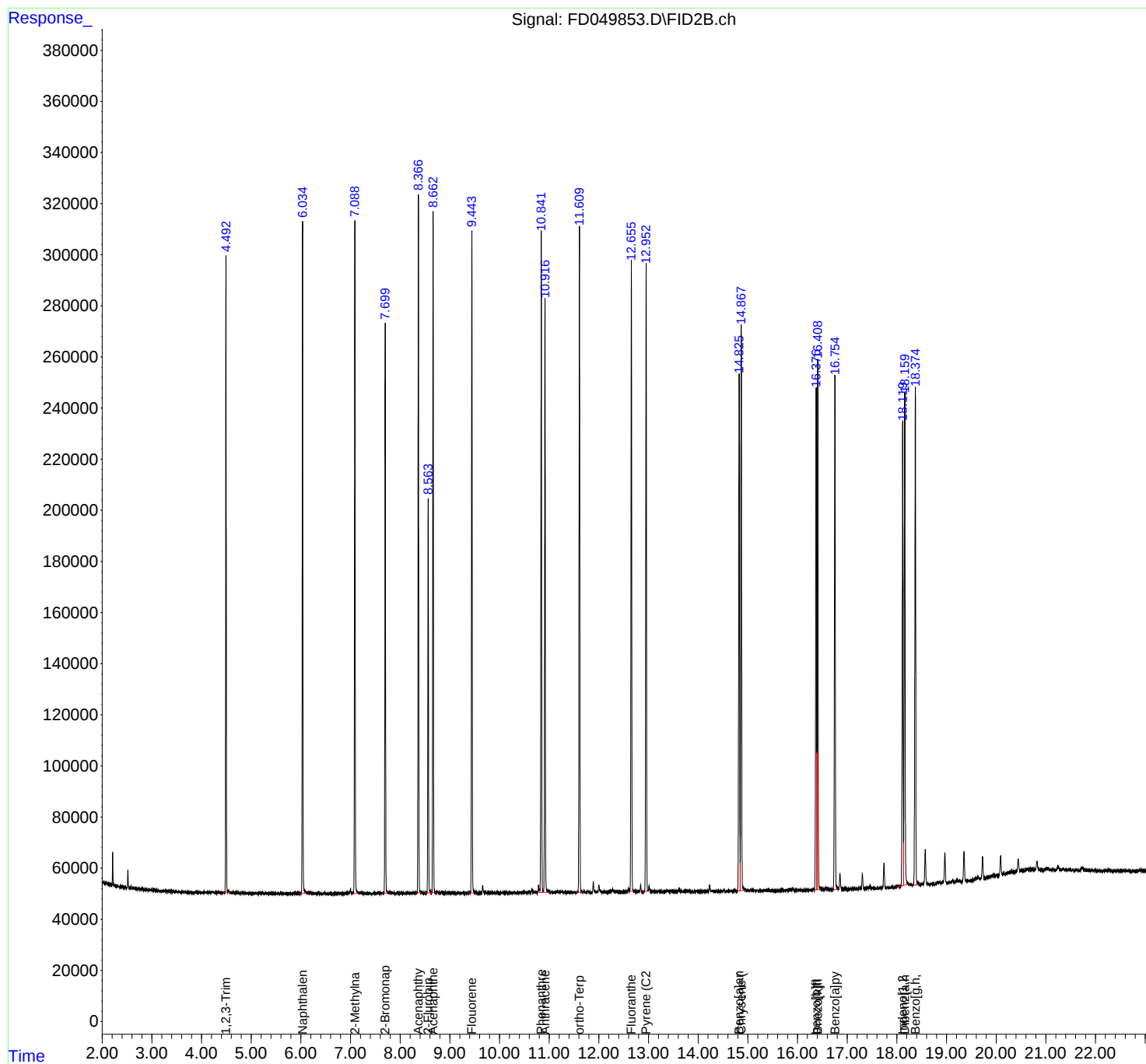
(m)=manual int.

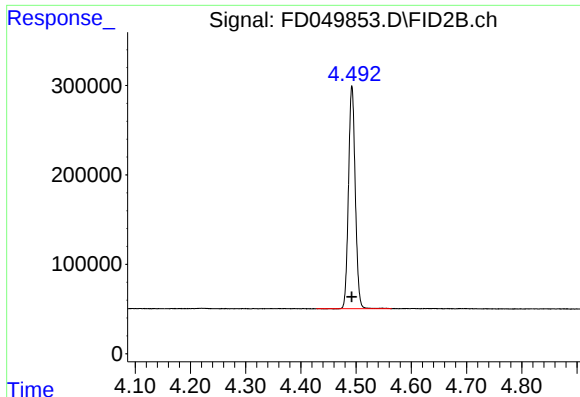
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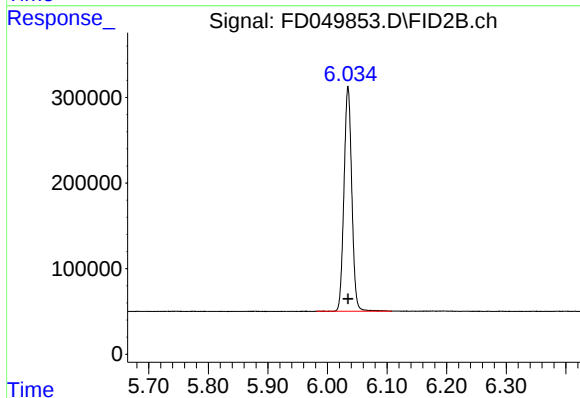




#1 1,2,3-Trimethylbenzene (C10.1)

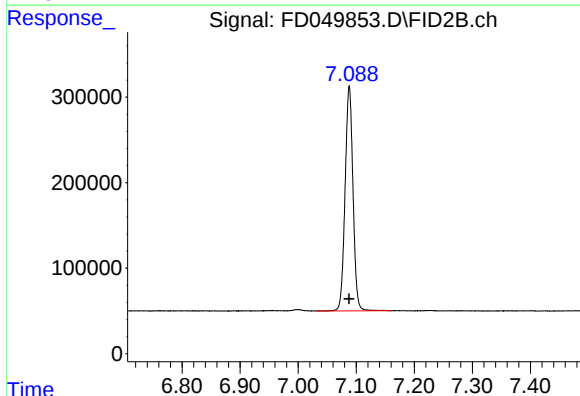
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 2120320
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



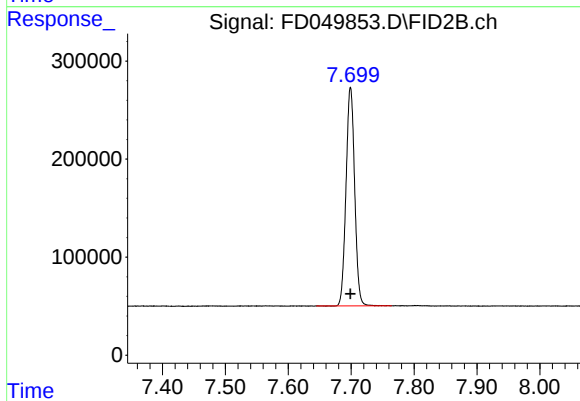
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2392453
Conc: 20.00 ug/ml



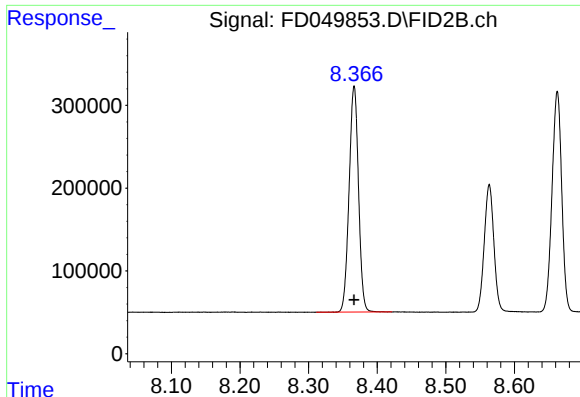
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 2485686
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

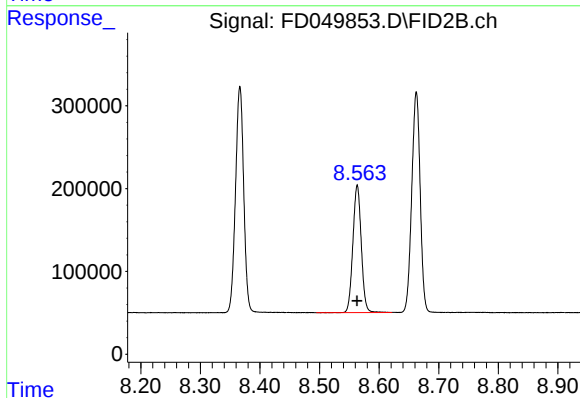
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 2125891
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

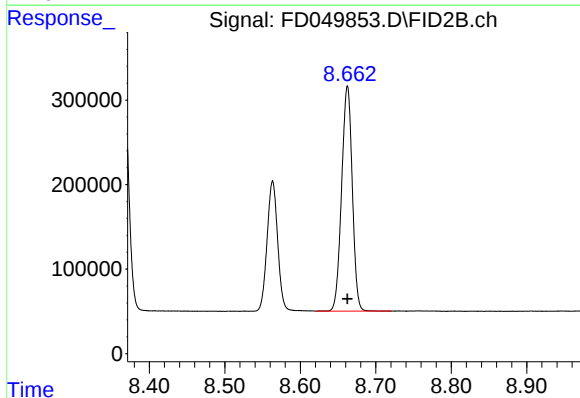
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 2601529
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



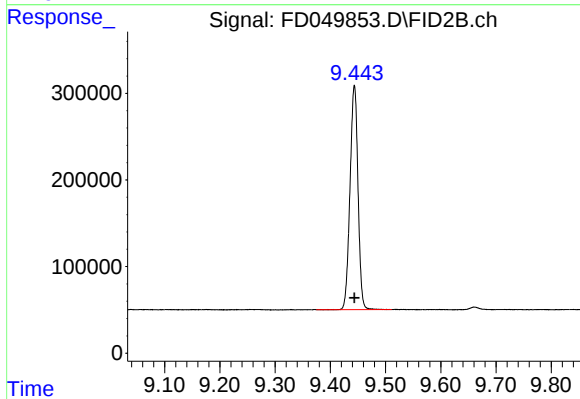
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 1504937
Conc: 20.00 ug/ml



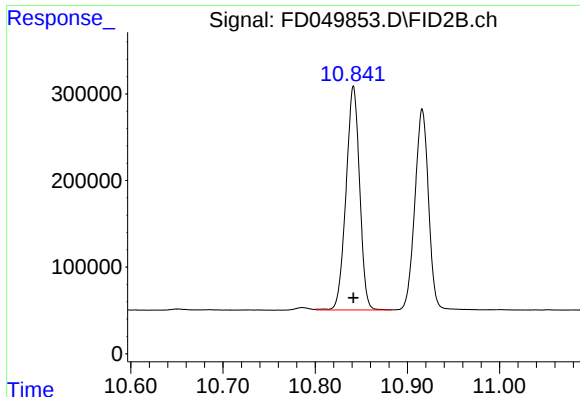
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 2616077
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

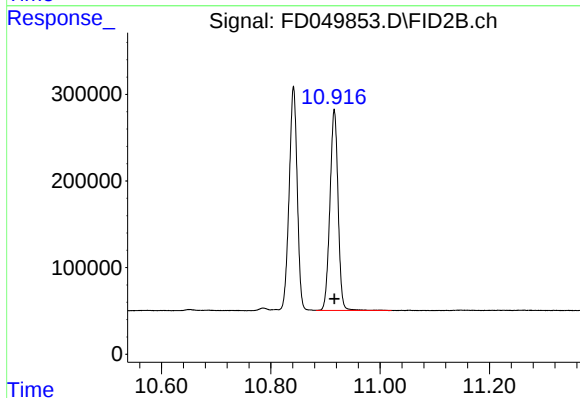
R.T.: 9.443 min
Delta R.T.: 0.000 min
Response: 2601569
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

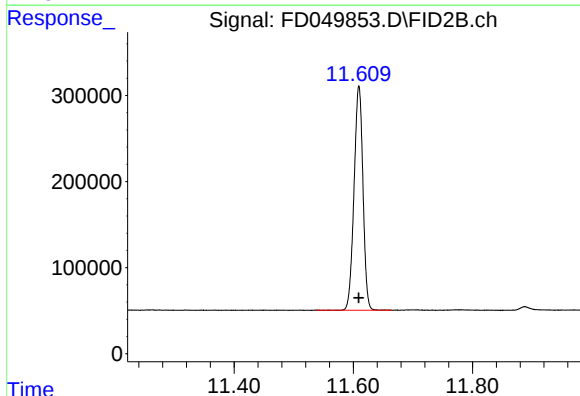
R.T.: 10.841 min
Delta R.T.: 0.000 min
Response: 2652740
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



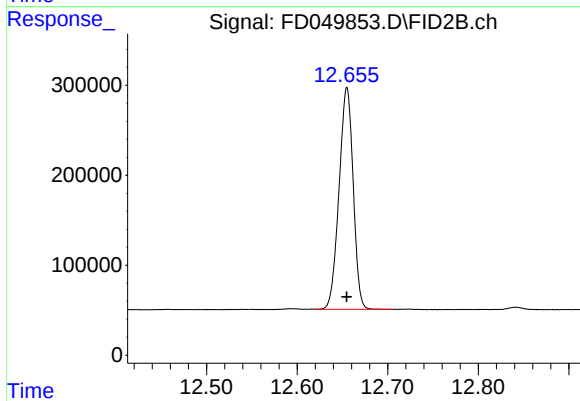
#10 Anthracene (C19.43)

R.T.: 10.916 min
Delta R.T.: 0.000 min
Response: 2403907
Conc: 20.00 ug/ml



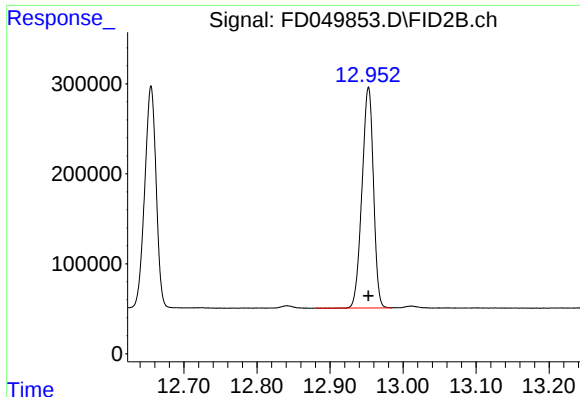
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 2703437
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

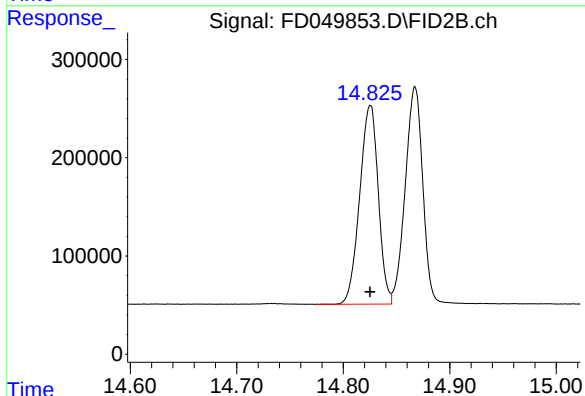
R.T.: 12.655 min
Delta R.T.: 0.000 min
Response: 2670177
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

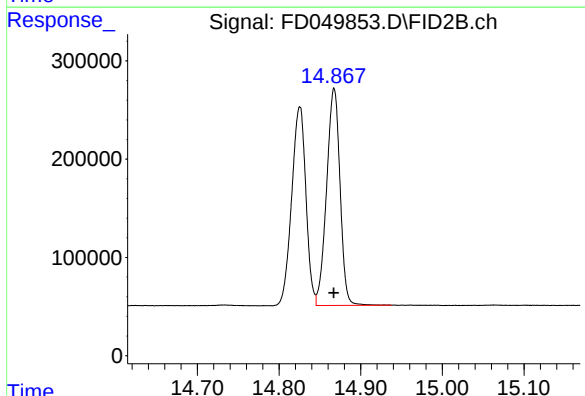
R.T.: 12.953 min
Delta R.T.: 0.000 min
Response: 2672107
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



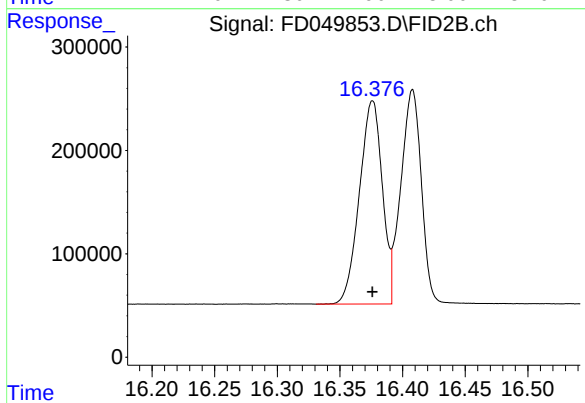
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 2451837
Conc: 20.00 ug/ml



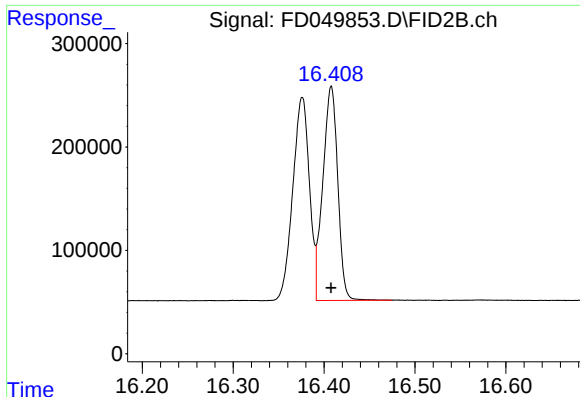
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 2529146
Conc: 20.00 ug/ml



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

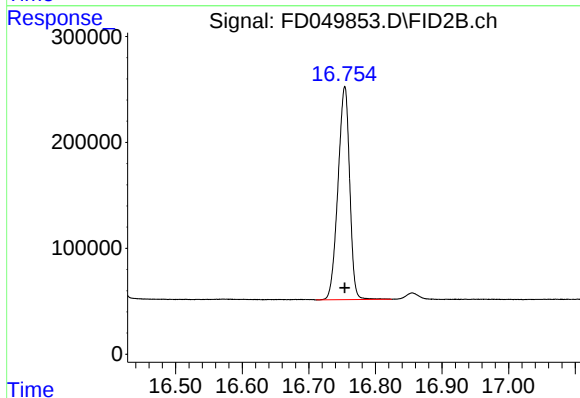
R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 2501962
Conc: 20.00 ug/ml



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

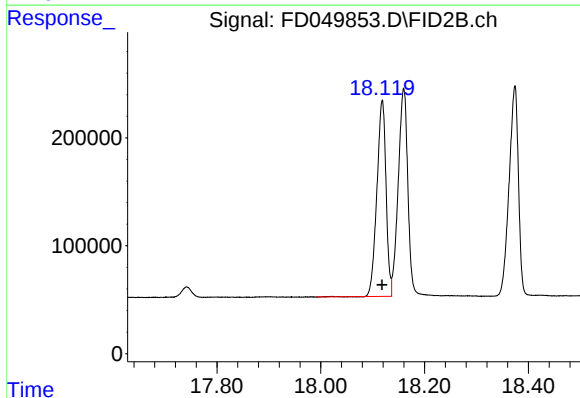
R.T.: 16.408 min
Delta R.T.: 0.000 min
Response: 2360251
Conc: 20.00 ug/ml

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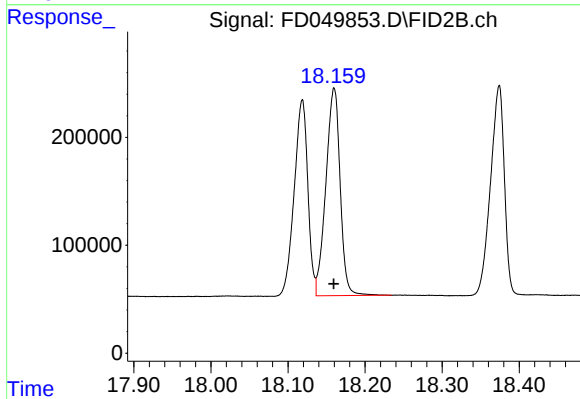
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 2450710
Conc: 20.00 ug/ml



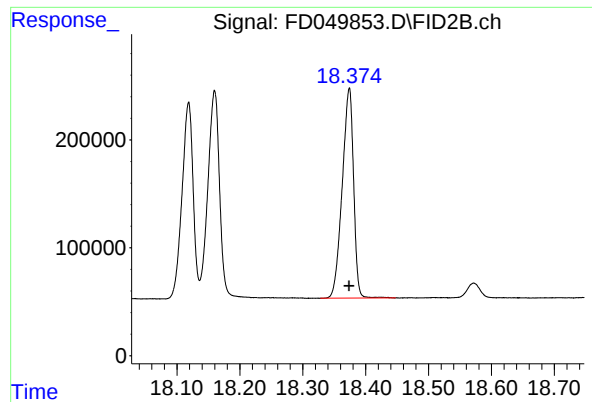
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.118 min
Delta R.T.: 0.000 min
Response: 2228576
Conc: 20.00 ug/ml



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

R.T.: 18.160 min
Delta R.T.: 0.000 min
Response: 2475474
Conc: 20.00 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.000 min
Response: 2447343
Conc: 20.00 ug/ml

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