

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049213.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 16:32
 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: Apr 02 18:58:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 02 18:53:34 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...	7.749	5514083	48.669 ug/ml
Spiked Amount 50.000		Recovery =	97.34%
6) S 2-Fluorobiphenyl (SURR)	8.615	3917986	48.937 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.87%
11) S ortho-Terphenyl (SURR)	11.657	6920248	48.732 ug/ml
Spiked Amount 50.000		Recovery =	97.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	5212049	49.051 ug/ml
2) T Naphthalene (C11.7)	6.086	5848585	48.615 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	5913882	48.940 ug/ml
5) T Acenaphthylene (C15.06)	8.419	6602079	48.623 ug/ml
7) T Acenaphthene (C15.5)	8.715	6429133	48.840 ug/ml
8) T Fluorene (C16.55)	9.496	6484642	48.983 ug/ml
9) T Phenanthrene (C19.36)	10.895	6864837	49.154 ug/ml
10) T Anthracene (C19.43)	10.969	6216145	49.517 ug/ml
12) T Fluoranthene (C21.85)	12.708	7149057	49.290 ug/ml
13) T Pyrene (C20.8)	13.007	7196232	49.297 ug/ml
14) T Benzo[a]anthracene (C...	14.875	5918026	50.073 ug/ml
15) T Chrysene (C27.41)	14.920	6080001	49.858 ug/ml
16) T benzo[b]fluoranthene ...	16.426	6046533	49.700 ug/ml
17) T Bnezo[k]fluoranthene ...	16.461	5840473	49.892 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.806	5507518	49.877 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.168	4938730	49.591 ug/ml
20) T Dibenz[a,h]anthracene...	18.206	4449917	50.959 ug/ml
21) T Benzo[g,h,i]perylene ...	18.427	5408894	49.449 ug/ml

(f)=RT Delta > 1/2 Window

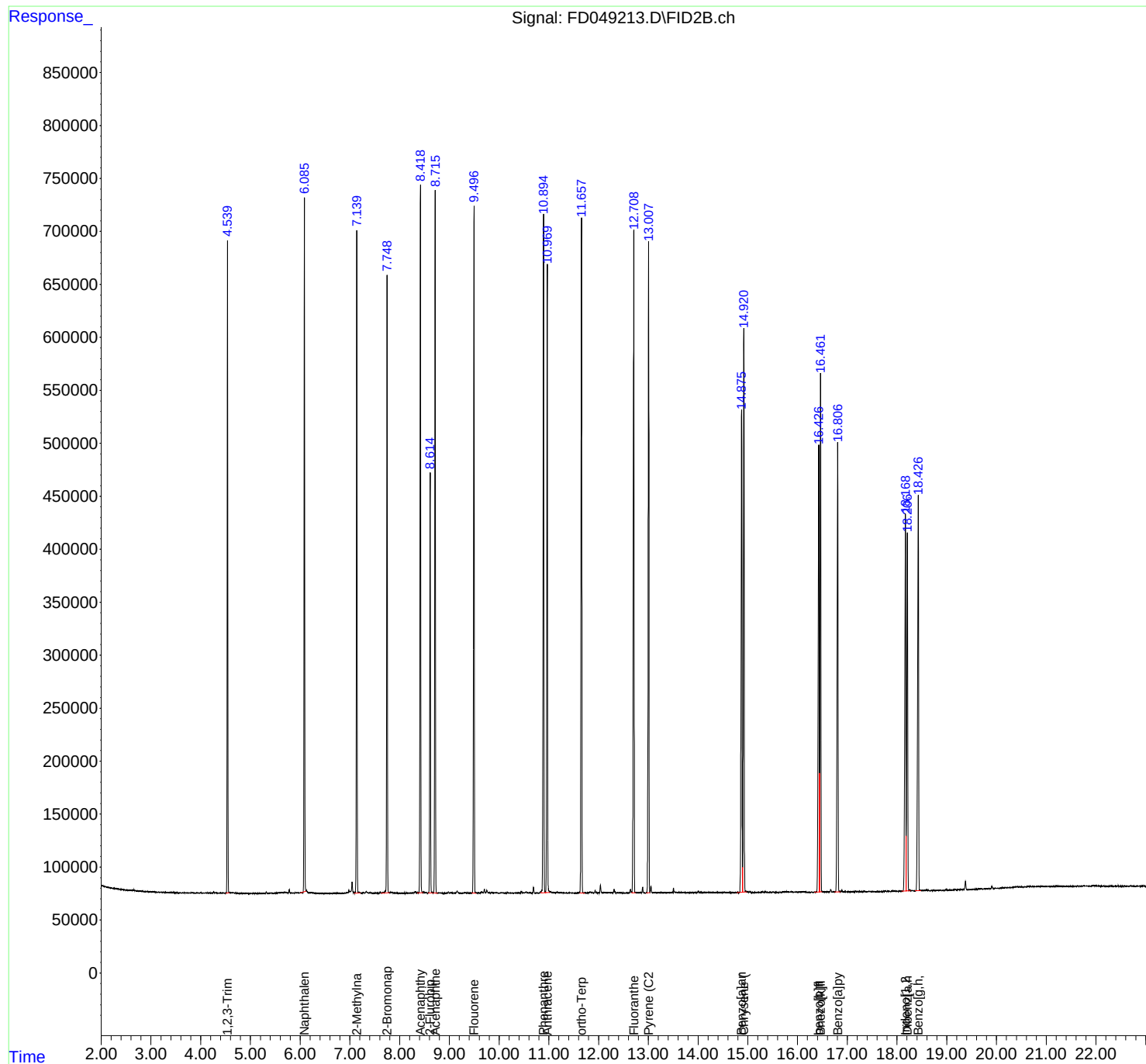
(m)=manual int.

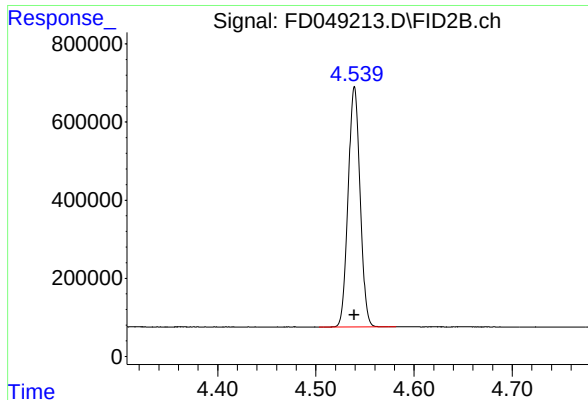
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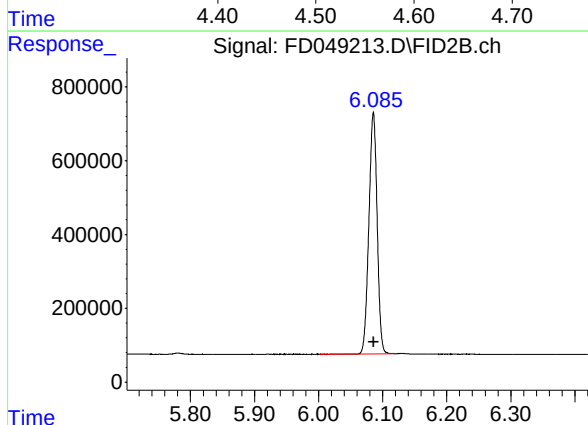




#1 1,2,3-Trimethylbenzene (C10.1)

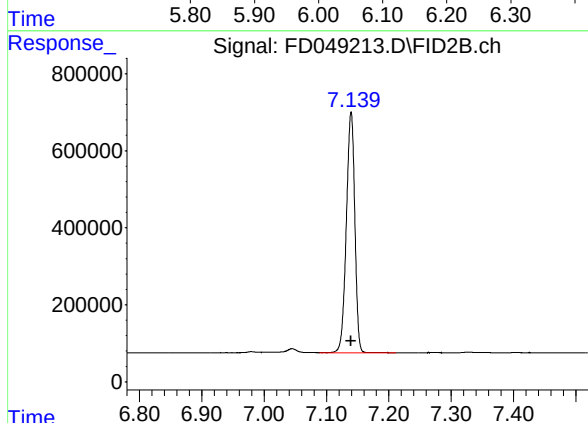
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 5212049
Conc: 49.05 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



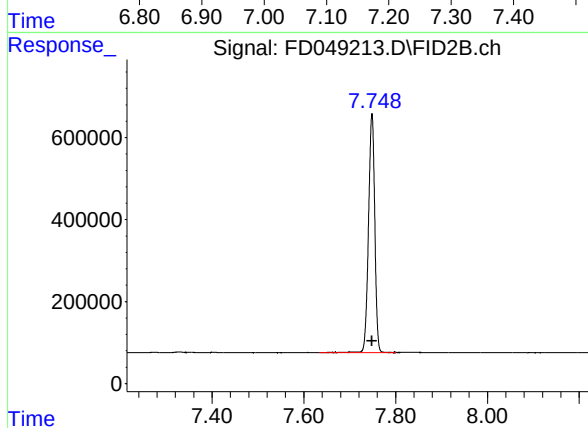
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 5848585
Conc: 48.62 ug/ml



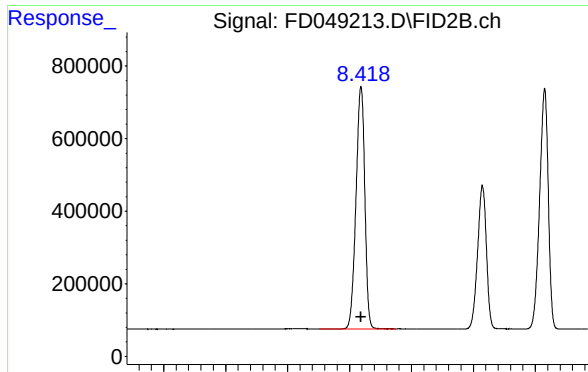
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 5913882
Conc: 48.94 ug/ml



#4 2-Bromonaphthalene (SURR)

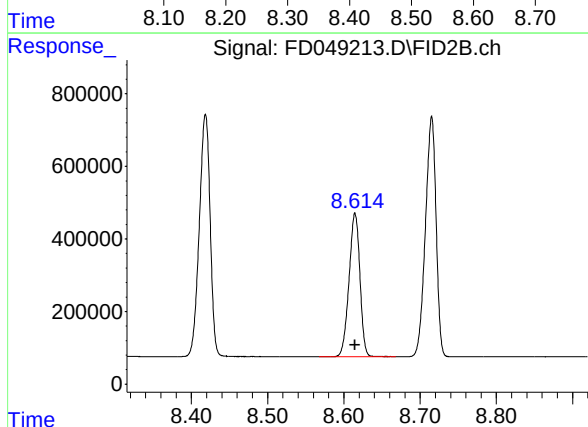
R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 5514083
Conc: 48.67 ug/ml



#5 Acenaphthylene (C15.06)

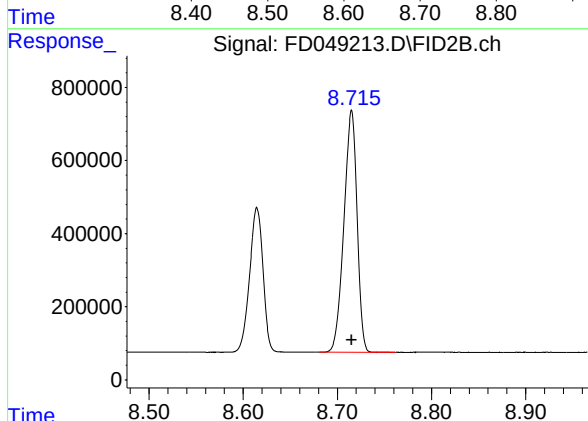
R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 6602079
Conc: 48.62 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



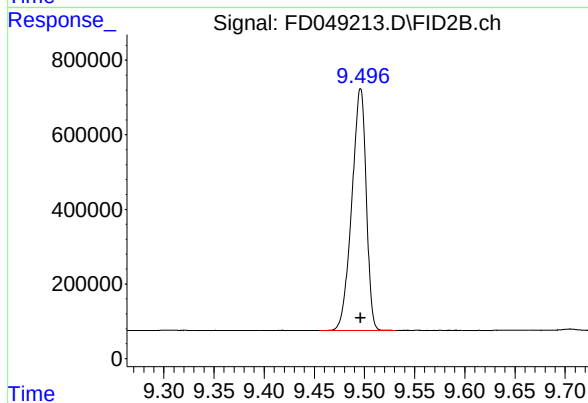
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 3917986
Conc: 48.94 ug/ml



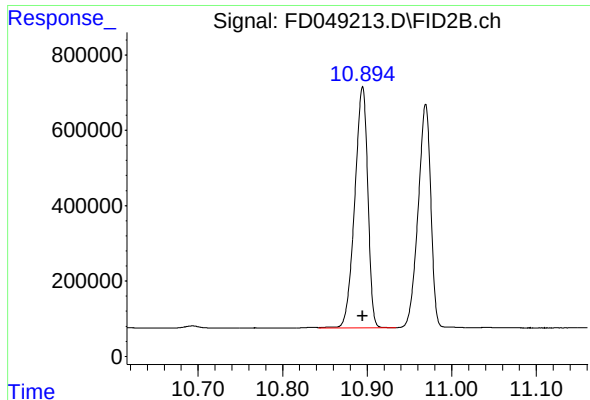
#7 Acenaphthene (C15.5)

R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 6429133
Conc: 48.84 ug/ml



#8 Flouorene (C16.55)

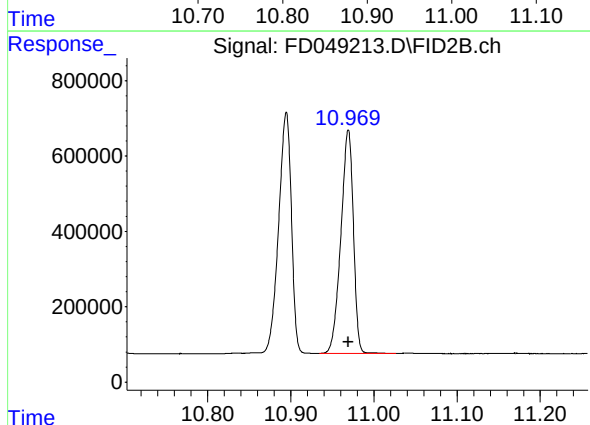
R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 6484642
Conc: 48.98 ug/ml



#9 Phenanthrene (C19.36)

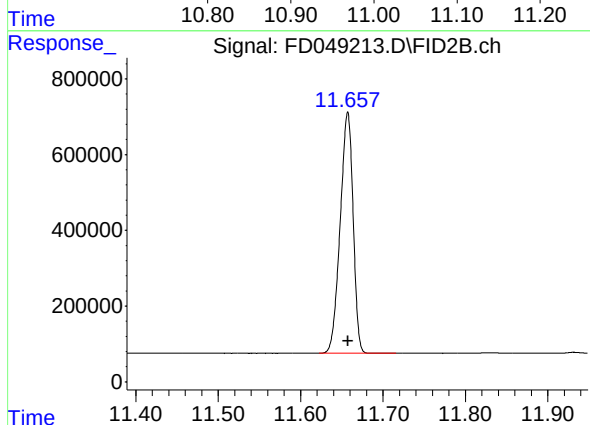
R.T.: 10.895 min
Delta R.T.: 0.000 min
Response: 6864837
Conc: 49.15 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



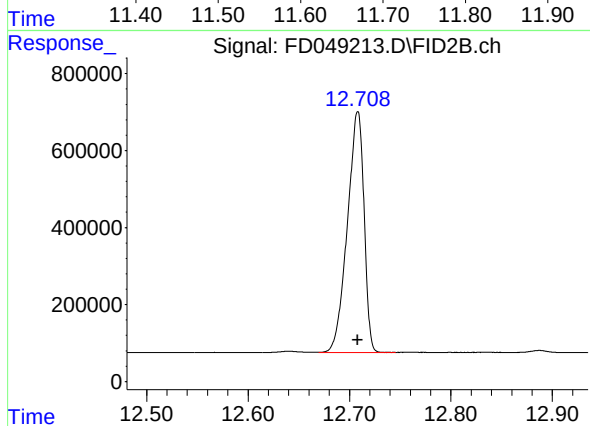
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: 0.000 min
Response: 6216145
Conc: 49.52 ug/ml



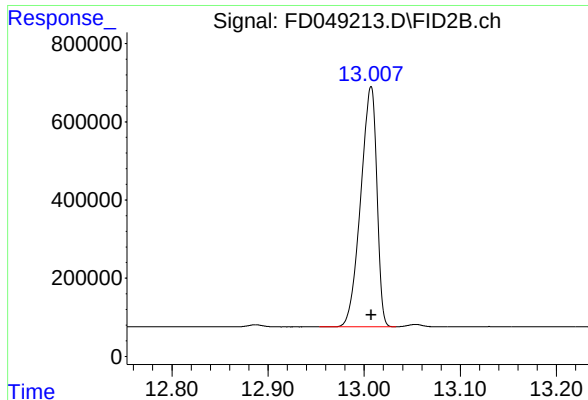
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: 0.000 min
Response: 6920248
Conc: 48.73 ug/ml



#12 Fluoranthene (C21.85)

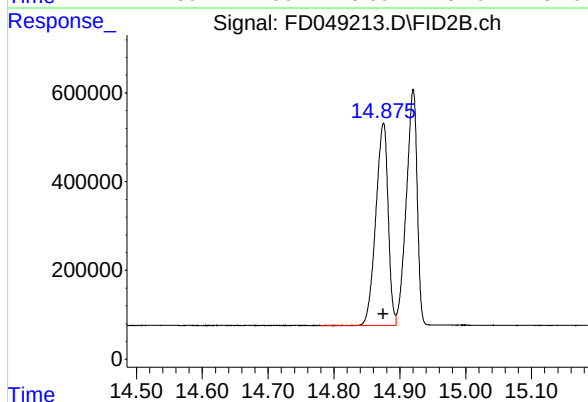
R.T.: 12.708 min
Delta R.T.: 0.000 min
Response: 7149057
Conc: 49.29 ug/ml



#13 Pyrene (C20.8)

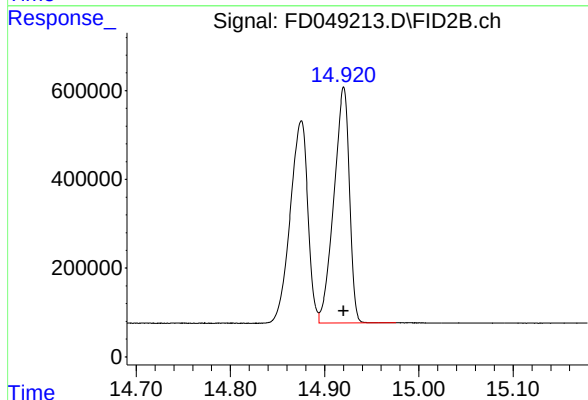
R.T.: 13.007 min
Delta R.T.: 0.000 min
Response: 7196232
Conc: 49.30 ug/ml

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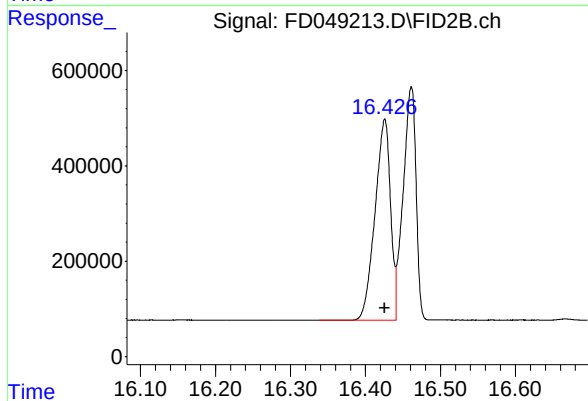
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.875 min
Delta R.T.: 0.000 min
Response: 5918026
Conc: 50.07 ug/ml



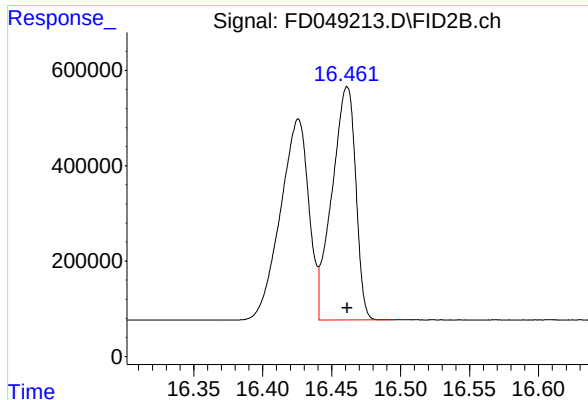
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: 0.000 min
Response: 6080001
Conc: 49.86 ug/ml



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

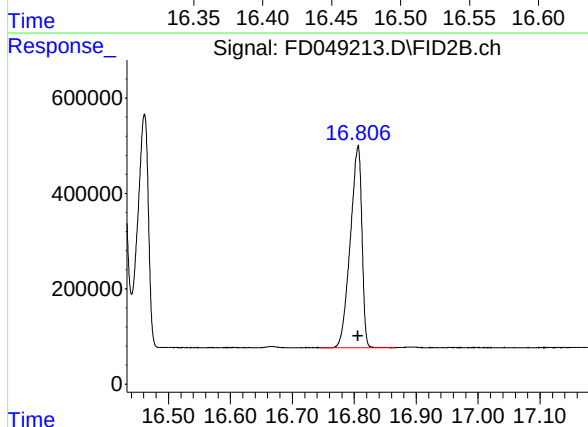
R.T.: 16.426 min
Delta R.T.: 0.000 min
Response: 6046533
Conc: 49.70 ug/ml



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

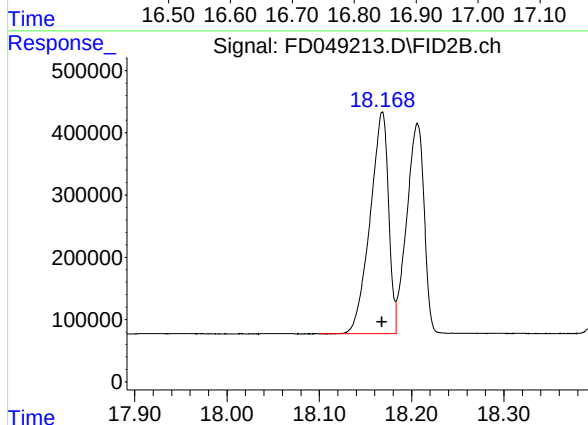
R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 5840473
Conc: 49.89 ug/ml

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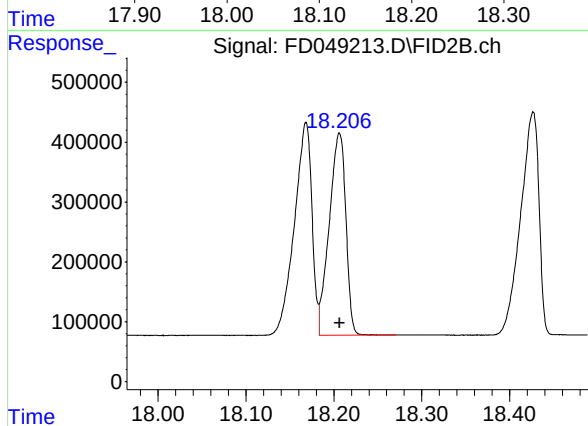
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.806 min
Delta R.T.: 0.000 min
Response: 5507518
Conc: 49.88 ug/ml



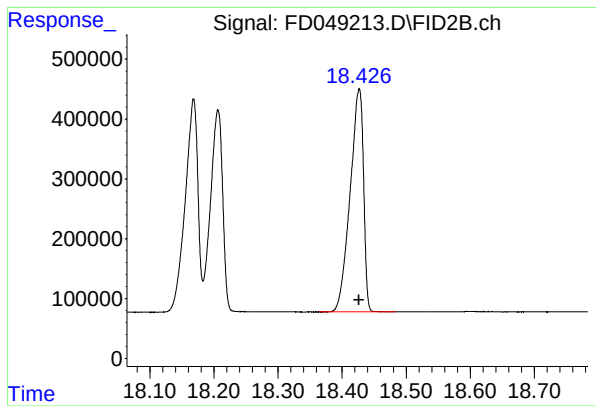
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 4938730
Conc: 49.59 ug/ml



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

R.T.: 18.206 min
Delta R.T.: 0.000 min
Response: 4449917
Conc: 50.96 ug/ml



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

R.T.: 18.427 min

Delta R.T.: 0.000 min

Response: 5408894

Conc: 49.45 ug/ml

Instrument :

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