

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049395.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 15:28
 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: May 27 02:54:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 02:53:01 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...	7.740	8637317	50.807 ug/ml
Spiked Amount 50.000		Recovery =	101.61%
6) S 2-Fluorobiphenyl (SURR)	8.607	5972073	50.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.92%
11) S ortho-Terphenyl (SURR)	11.653	10263490	49.723 ug/ml
Spiked Amount 50.000		Recovery =	99.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	8242038	50.592 ug/ml
2) T Naphthalene (C11.7)	6.075	9134543	50.980 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	9302353	51.032 ug/ml
5) T Acenaphthylene (C15.06)	8.411	10000645	50.446 ug/ml
7) T Acenaphthene (C15.5)	8.708	9823949	50.477 ug/ml
8) T Fluorene (C16.55)	9.489	10126525	50.466 ug/ml
9) T Phenanthrene (C19.36)	10.889	9881843	50.431 ug/ml
10) T Anthracene (C19.43)	10.965	9102390	50.587 ug/ml
12) T Fluoranthene (C21.85)	12.704	9325779	49.963 ug/ml
13) T Pyrene (C20.8)	13.004	9259311	50.185 ug/ml
14) T Benzo[a]anthracene (C...	14.874	7965496	50.771 ug/ml
15) T Chrysene (C27.41)	14.920	7925641	50.552 ug/ml
16) T benzo[b]fluoranthene ...	16.426	7432800	50.065 ug/ml
17) T Bnezo[k]fluoranthene ...	16.463	7335357	49.695 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.807	6930975	49.635 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.173	6521617	50.013 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	6755665	48.878 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	6825322	49.365 ug/ml

(f)=RT Delta > 1/2 Window

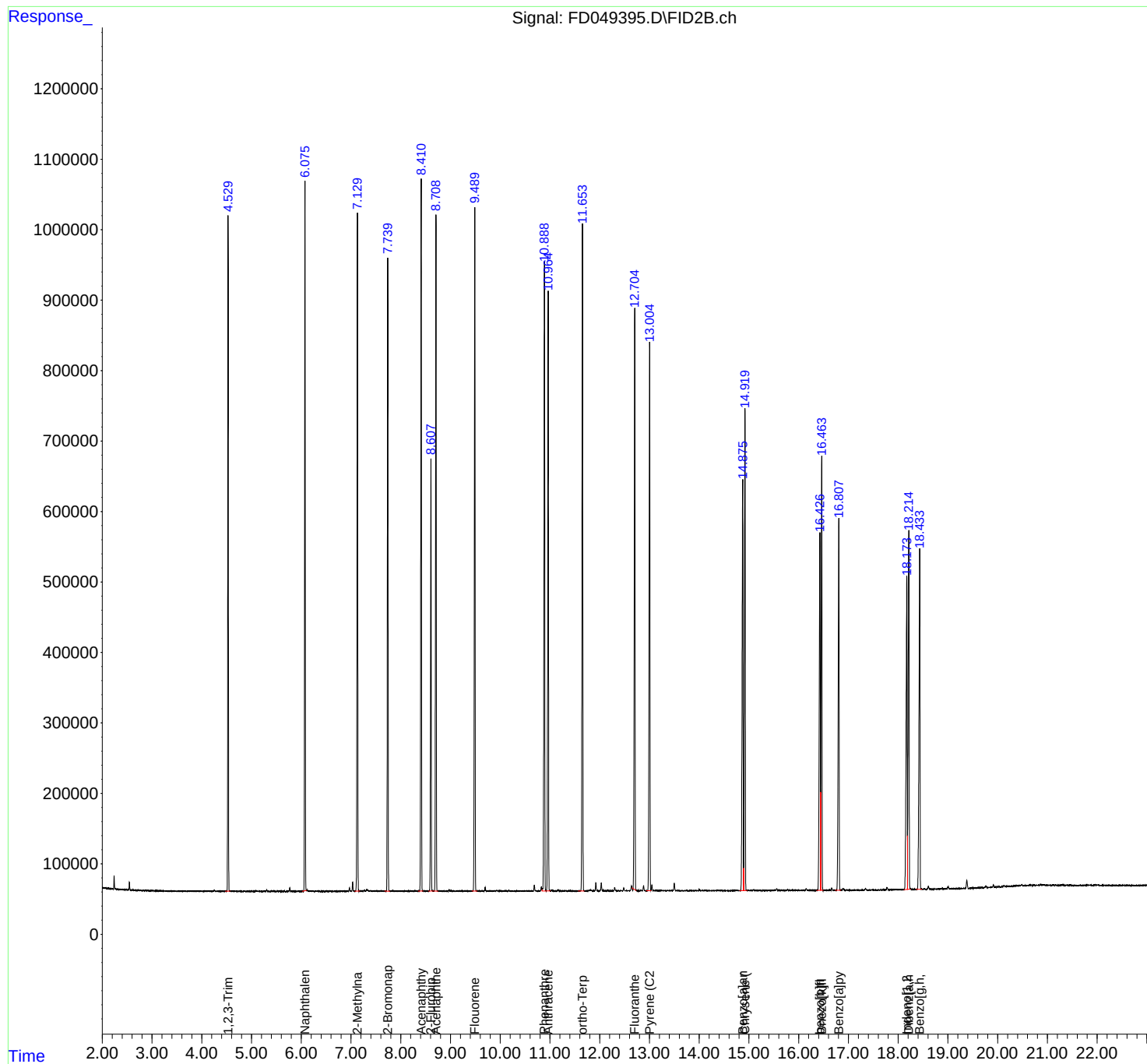
(m)=manual int.

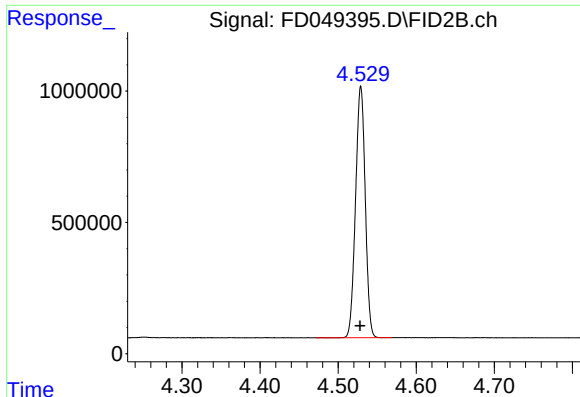
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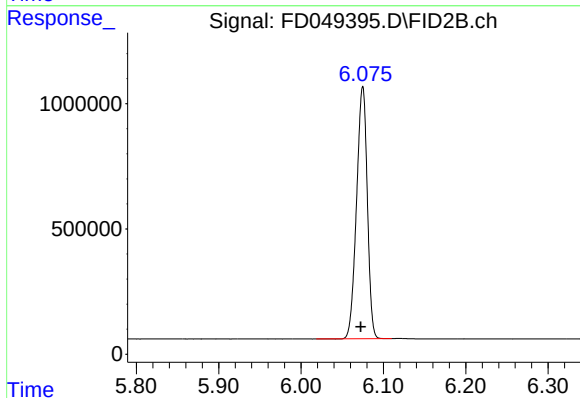




#1 1,2,3-Trimethylbenzene (C10.1)

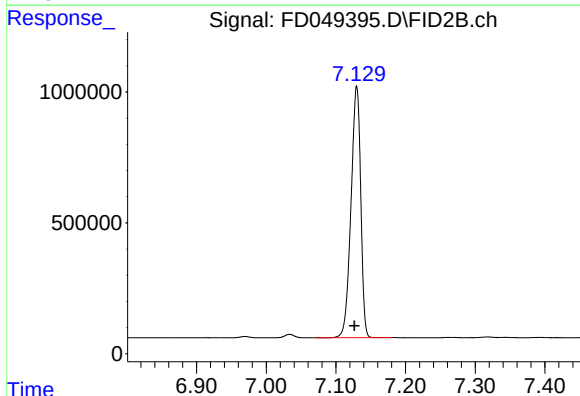
R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 8242038
Conc: 50.59 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



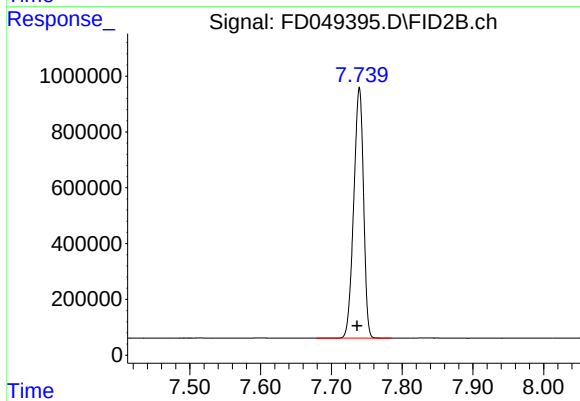
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.003 min
Response: 9134543
Conc: 50.98 ug/ml



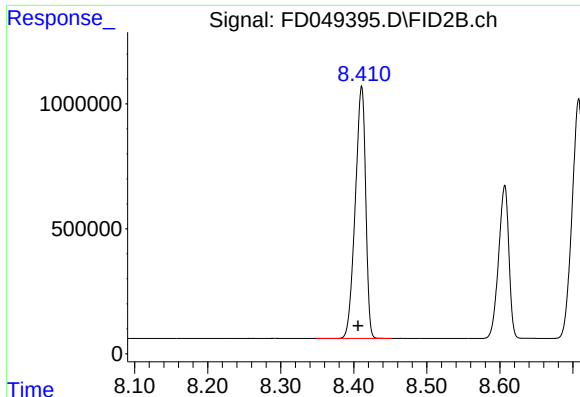
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.003 min
Response: 9302353
Conc: 51.03 ug/ml



#4 2-Bromonaphthalene (SURR)

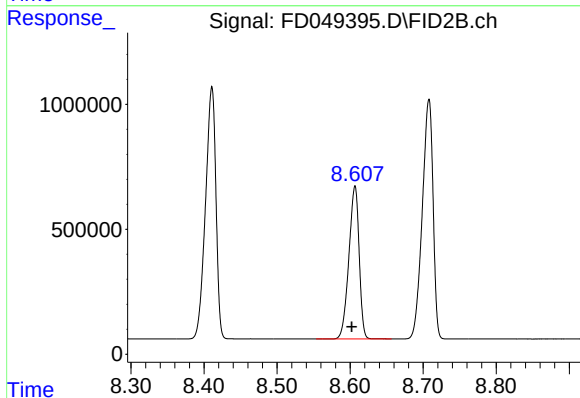
R.T.: 7.740 min
Delta R.T.: 0.003 min
Response: 8637317
Conc: 50.81 ug/ml



#5 Acenaphthylene (C15.06)

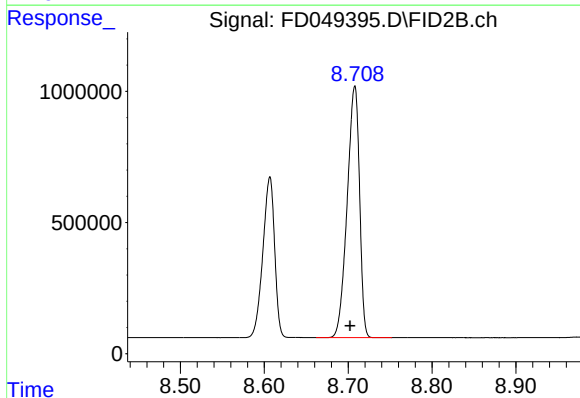
R.T.: 8.411 min
Delta R.T.: 0.005 min
Response: 10000645
Conc: 50.45 ug/ml

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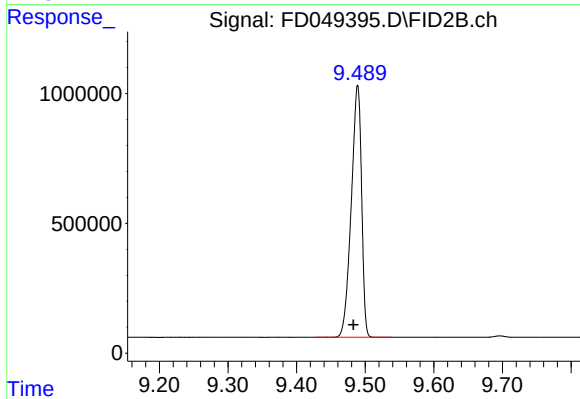
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: 0.004 min
Response: 5972073
Conc: 50.96 ug/ml



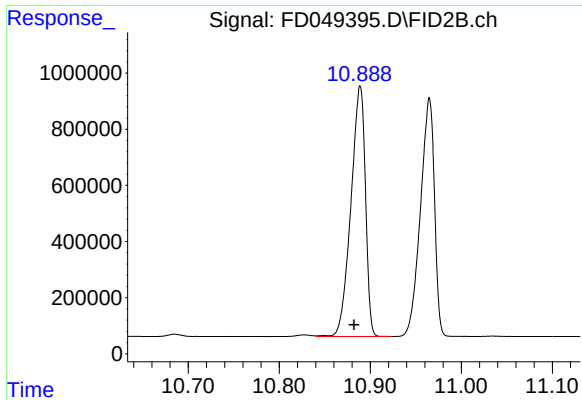
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: 0.006 min
Response: 9823949
Conc: 50.48 ug/ml



#8 Fluorene (C16.55)

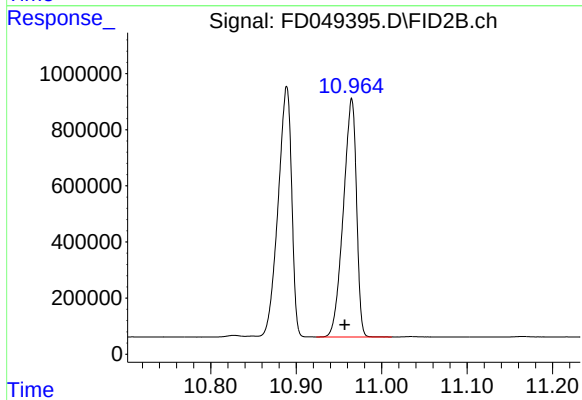
R.T.: 9.489 min
Delta R.T.: 0.006 min
Response: 10126525
Conc: 50.47 ug/ml



#9 Phenanthrene (C19.36)

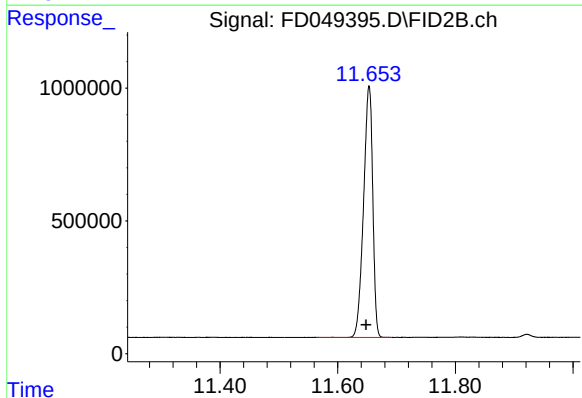
R.T.: 10.889 min
Delta R.T.: 0.007 min
Response: 9881843
Conc: 50.43 ug/ml

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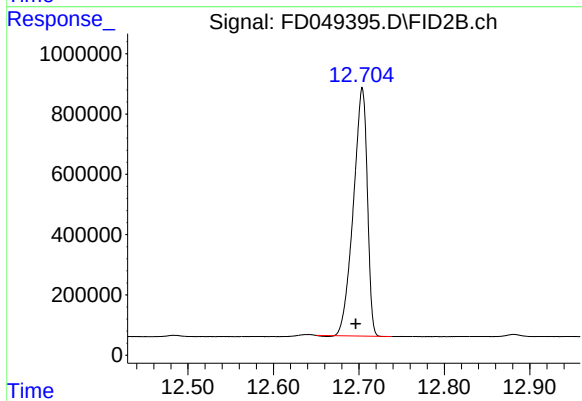
#10 Anthracene (C19.43)

R.T.: 10.965 min
Delta R.T.: 0.008 min
Response: 9102390
Conc: 50.59 ug/ml



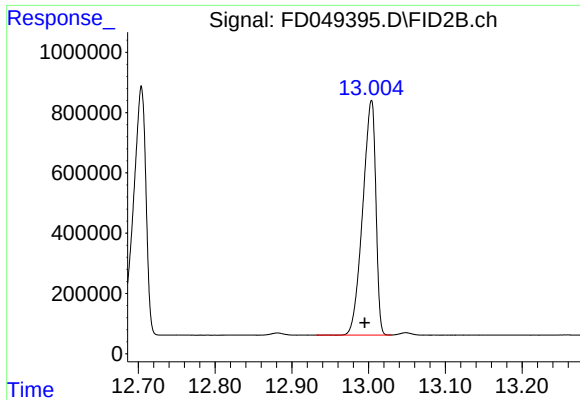
#11 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: 0.005 min
Response: 10263490
Conc: 49.72 ug/ml



#12 Fluoranthene (C21.85)

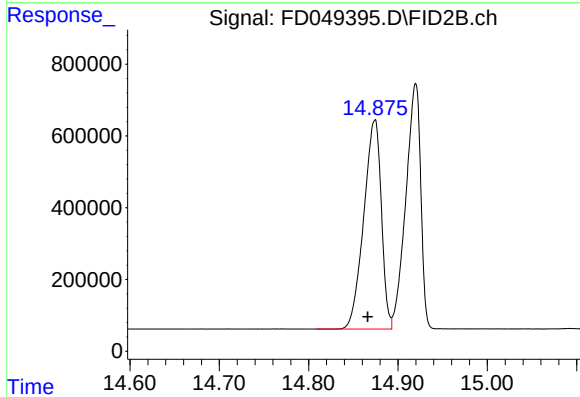
R.T.: 12.704 min
Delta R.T.: 0.007 min
Response: 9325779
Conc: 49.96 ug/ml



#13 Pyrene (C20.8)

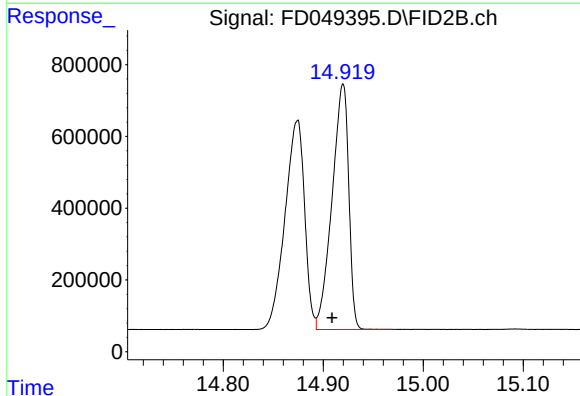
R.T.: 13.004 min
Delta R.T.: 0.009 min
Response: 9259311
Conc: 50.19 ug/ml

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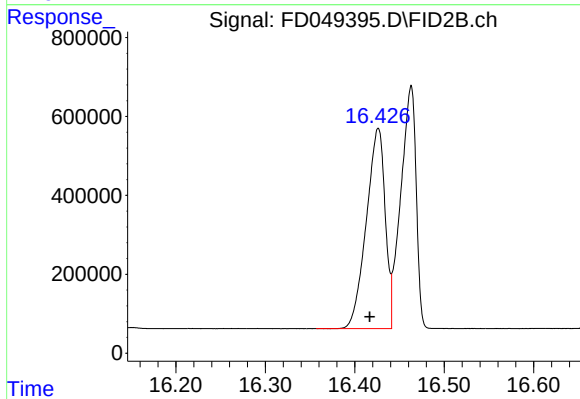
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.874 min
Delta R.T.: 0.008 min
Response: 7965496
Conc: 50.77 ug/ml



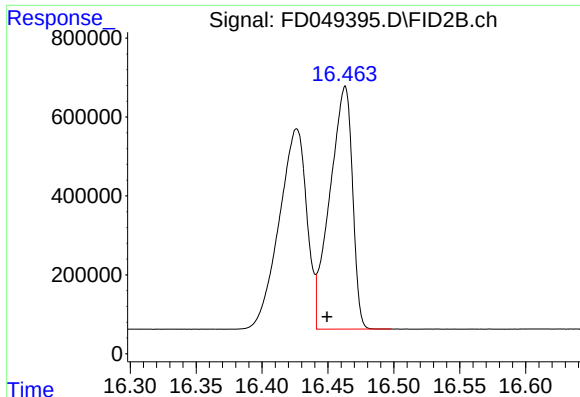
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: 0.011 min
Response: 7925641
Conc: 50.55 ug/ml



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

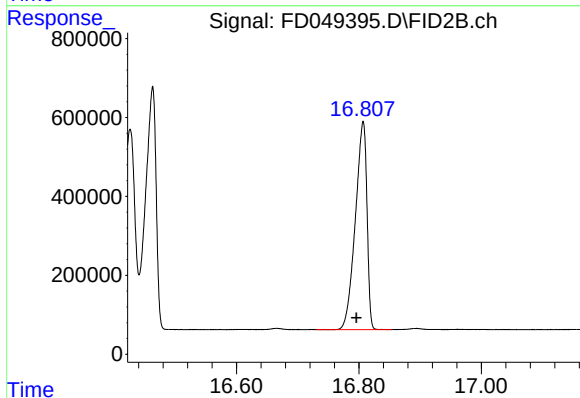
R.T.: 16.426 min
Delta R.T.: 0.009 min
Response: 7432800
Conc: 50.07 ug/ml



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

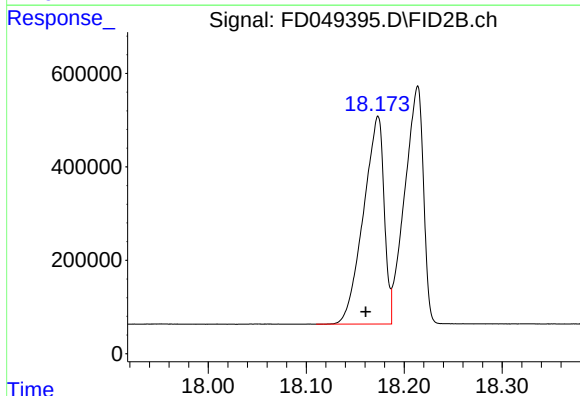
R.T.: 16.463 min
Delta R.T.: 0.014 min
Response: 7335357
Conc: 49.69 ug/ml

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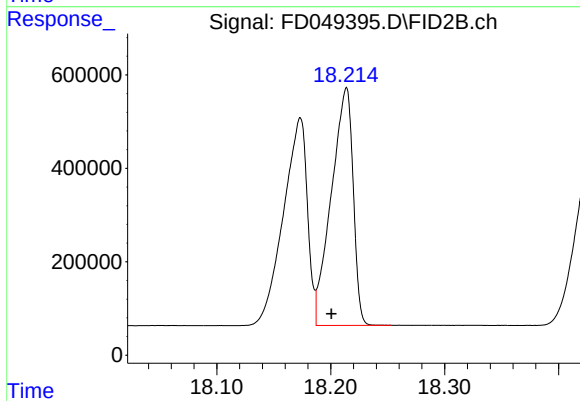
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.807 min
Delta R.T.: 0.011 min
Response: 6930975
Conc: 49.64 ug/ml



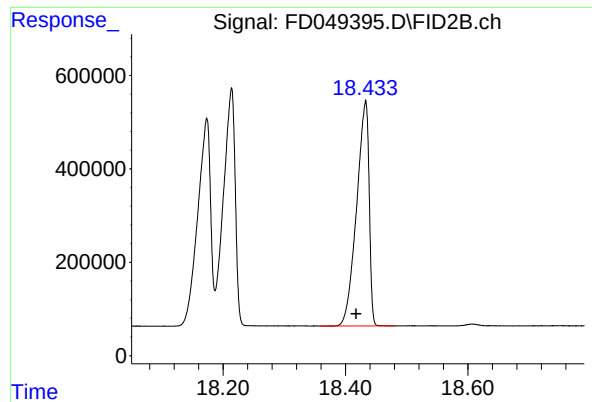
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.173 min
Delta R.T.: 0.012 min
Response: 6521617
Conc: 50.01 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.013 min
Response: 6755665
Conc: 48.88 ug/ml



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

R.T.: 18.433 min
Delta R.T.: 0.015 min
Response: 6825322
Conc: 49.37 ug/ml

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