

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048569.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 15:48
 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 23 17:15:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:09:25 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...	7.375	7529591	49.962 ug/ml
Spiked Amount 50.000		Recovery =	99.92%
6) S 2-Fluorobiphenyl (SURR)	8.225	5021501	50.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.26%
11) S ortho-Terphenyl (SURR)	11.261	8334280	49.996 ug/ml
Spiked Amount 50.000		Recovery =	99.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	8539641	49.894 ug/ml
2) T Naphthalene (C11.7)	5.715	8873483	49.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	8891978	49.967 ug/ml
5) T Acenaphthylene (C15.06)	8.029	8649197	49.954 ug/ml
7) T Acenaphthene (C15.5)	8.324	8673178	49.886 ug/ml
8) T Fluorene (C16.55)	9.102	8428307	50.018 ug/ml
9) T Phenanthrene (C19.36)	10.489	8272929	50.044 ug/ml
10) T Anthracene (C19.43)	10.565	7888616	49.915 ug/ml
12) T Fluoranthene (C21.85)	12.294	8076662	49.863 ug/ml
13) T Pyrene (C20.8)	12.587	8025067	50.162 ug/ml
14) T Benzo[a]anthracene (C...	14.456	7527575	50.230 ug/ml
15) T Chrysene (C27.41)	14.500	7833293	49.731 ug/ml
16) T benzo[b]fluoranthene ...	16.005	7671770	49.961 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	7231888	49.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	7547267	50.152 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	6949708	50.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	7539487	49.466 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	7527026	49.870 ug/ml

(f)=RT Delta > 1/2 Window

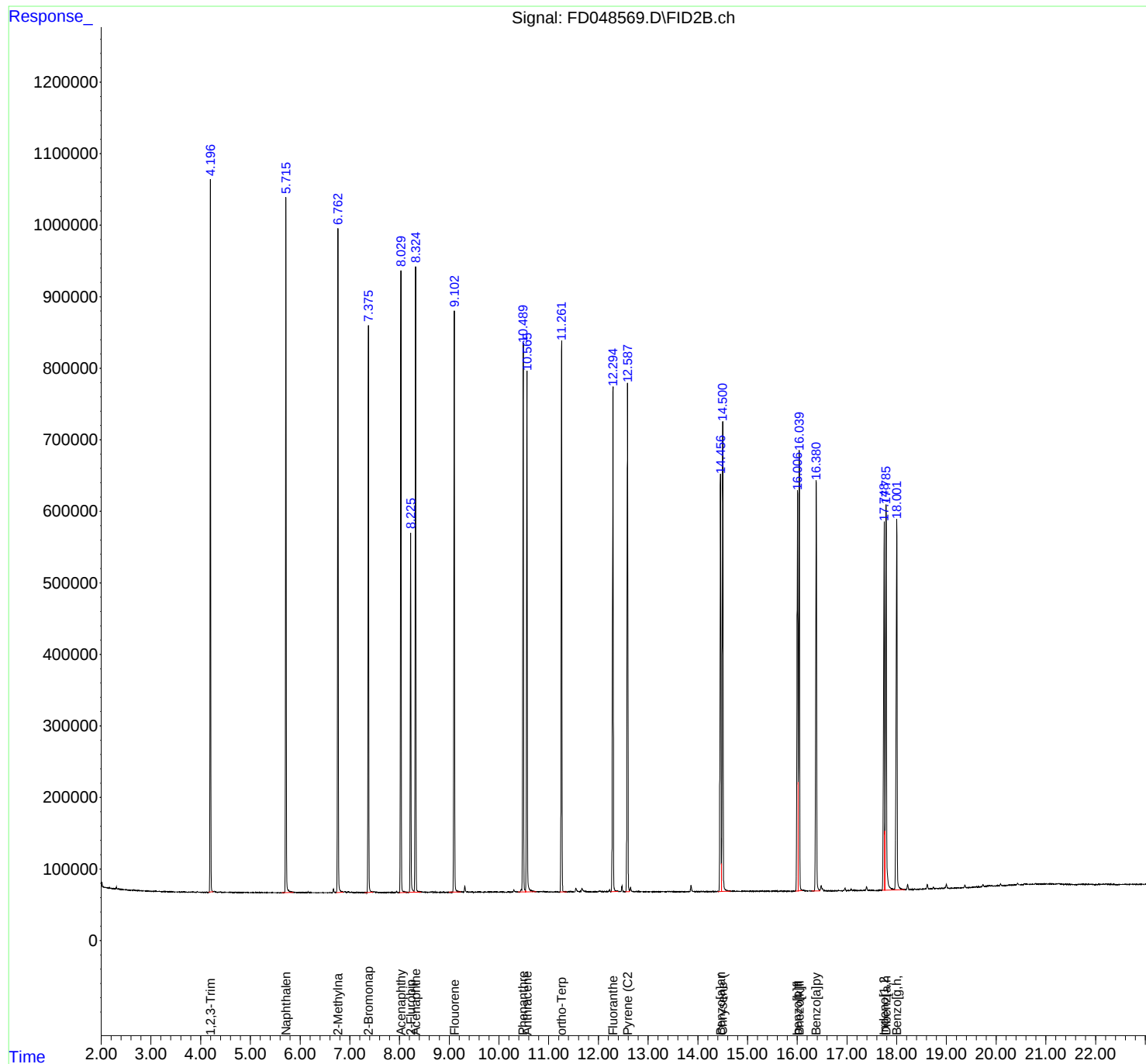
(m)=manual int.

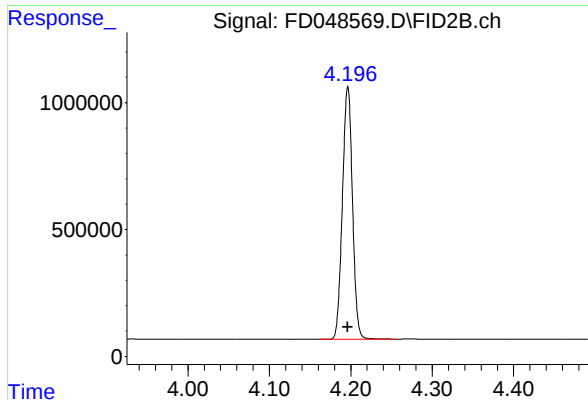
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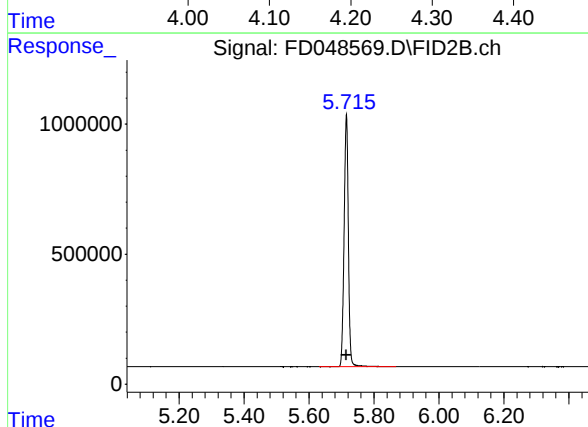




#1 1,2,3-Trimethylbenzene (C10.1)

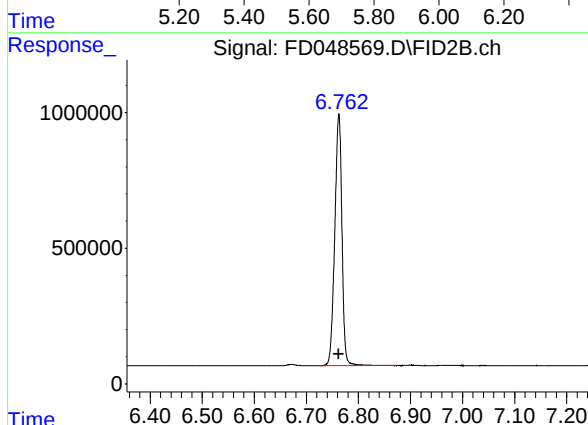
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 8539641
Conc: 49.89 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



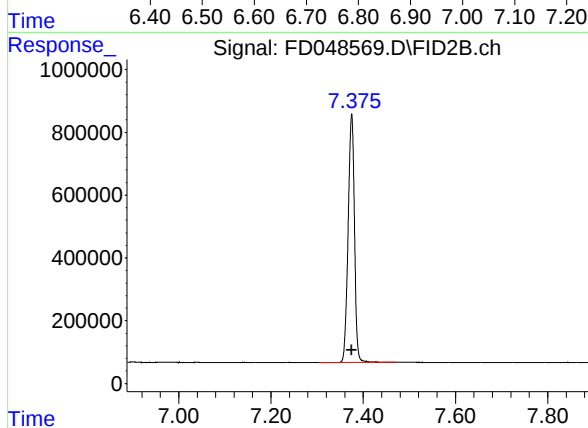
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 8873483
Conc: 49.90 ug/ml



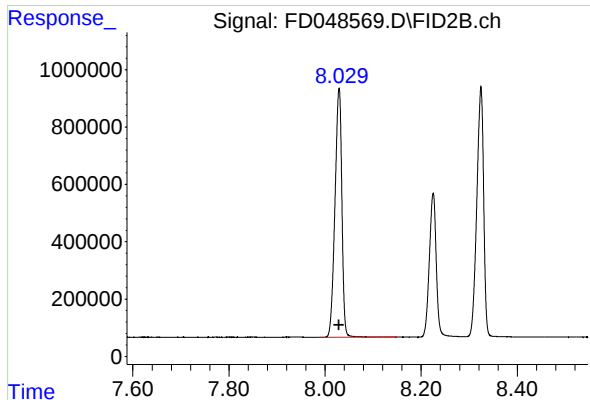
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 8891978
Conc: 49.97 ug/ml



#4 2-Bromonaphthalene (SURR)

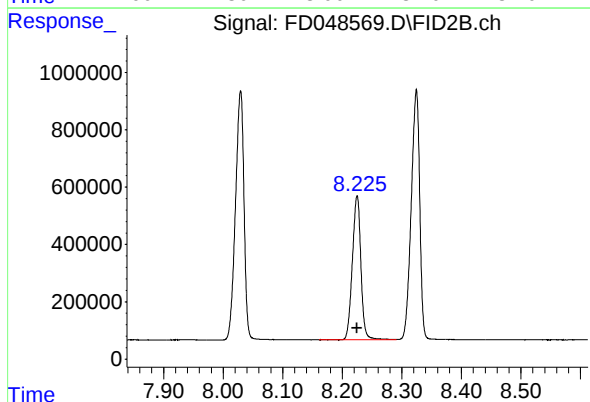
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 7529591
Conc: 49.96 ug/ml



#5 Acenaphthylene (C15.06)

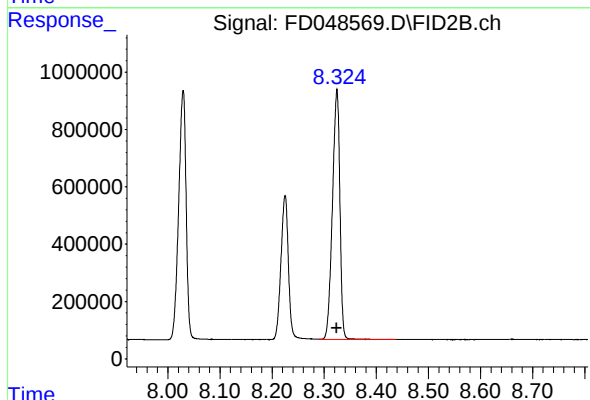
R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 8649197
Conc: 49.95 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



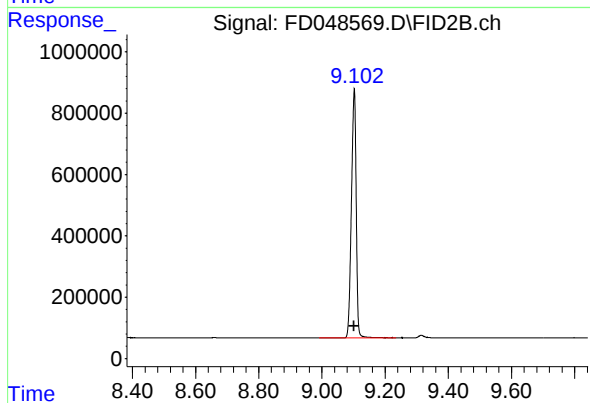
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 5021501
Conc: 50.13 ug/ml



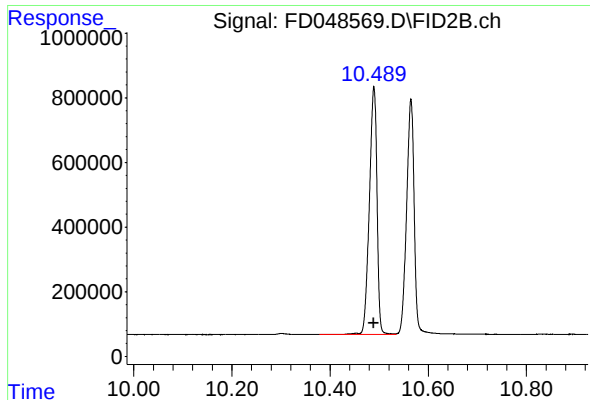
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 8673178
Conc: 49.89 ug/ml



#8 Fluorene (C16.55)

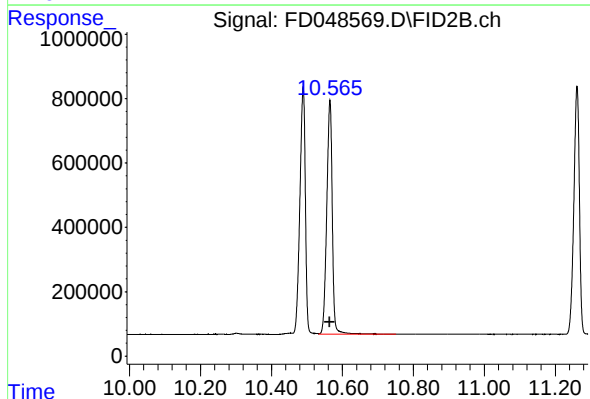
R.T.: 9.102 min
Delta R.T.: 0.000 min
Response: 8428307
Conc: 50.02 ug/ml



#9 Phenanthrene (C19.36)

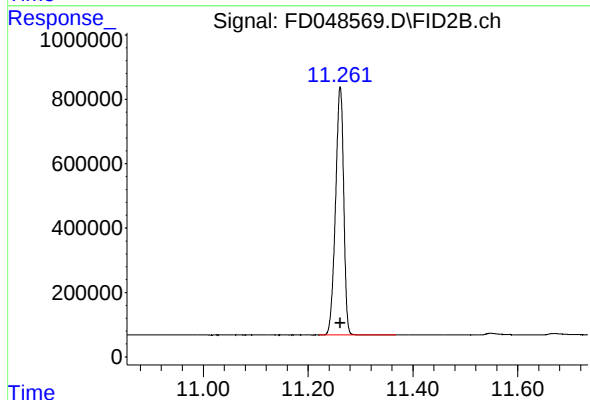
R.T.: 10.489 min
Delta R.T.: 0.000 min
Response: 8272929
Conc: 50.04 ug/ml

Instrument :
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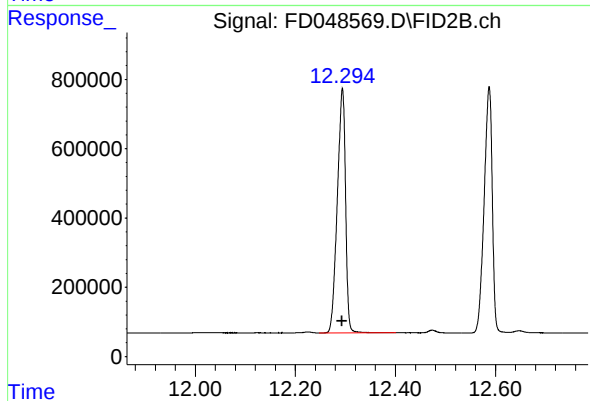
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: 0.000 min
Response: 7888616
Conc: 49.92 ug/ml



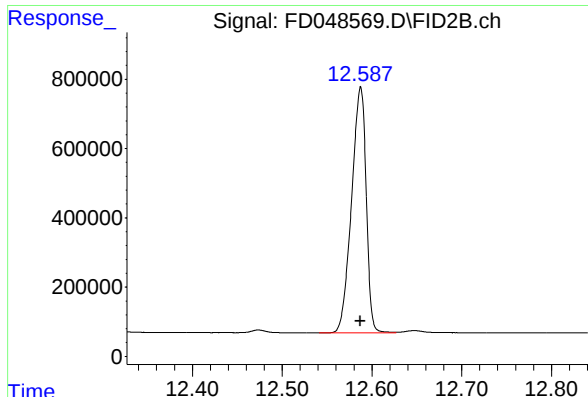
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.000 min
Response: 8334280
Conc: 50.00 ug/ml



#12 Fluoranthene (C21.85)

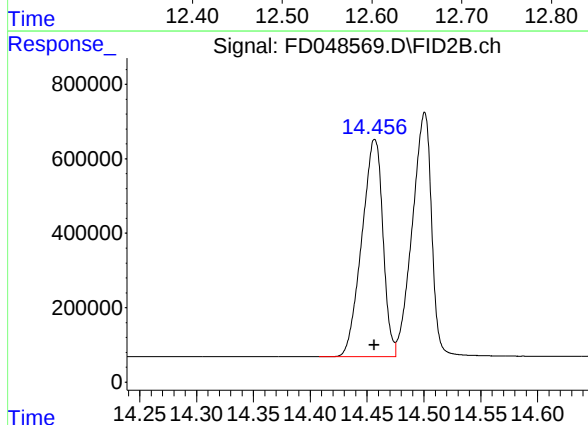
R.T.: 12.294 min
Delta R.T.: 0.000 min
Response: 8076662
Conc: 49.86 ug/ml



#13 Pyrene (C20.8)

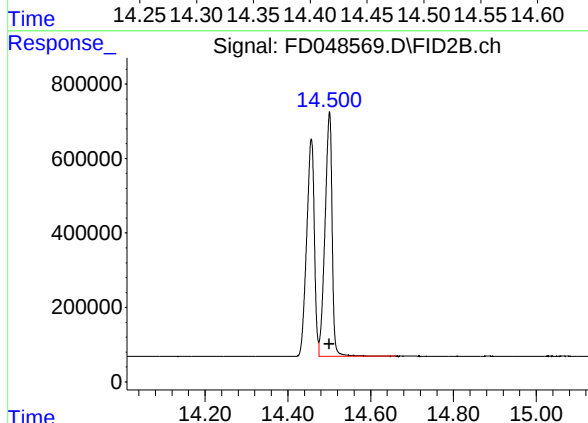
R.T.: 12.587 min
Delta R.T.: 0.000 min
Response: 8025067
Conc: 50.16 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



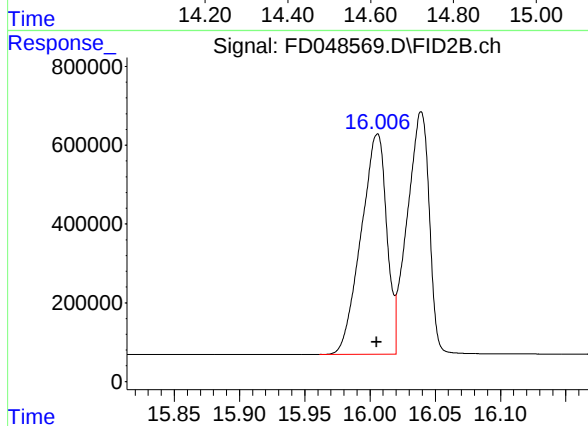
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: 0.000 min
Response: 7527575
Conc: 50.23 ug/ml



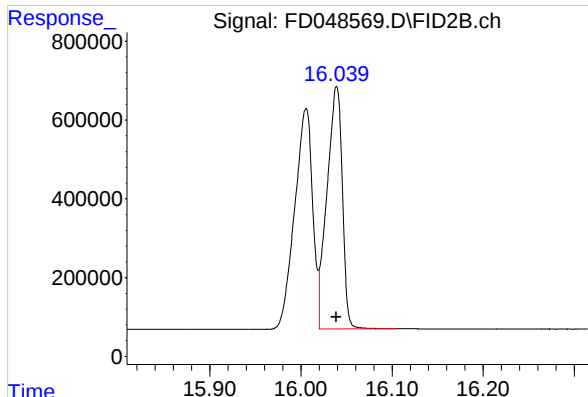
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: 0.000 min
Response: 7833293
Conc: 49.73 ug/ml



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

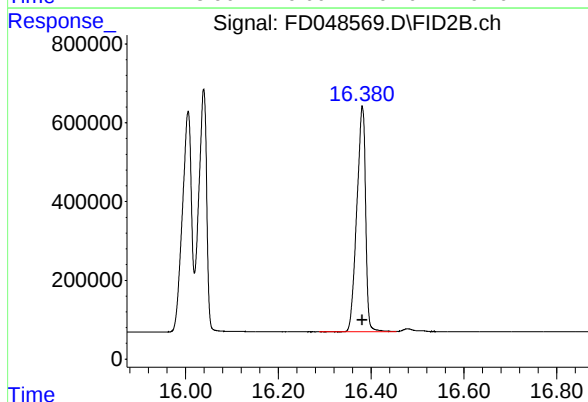
R.T.: 16.005 min
Delta R.T.: 0.000 min
Response: 7671770
Conc: 49.96 ug/ml



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

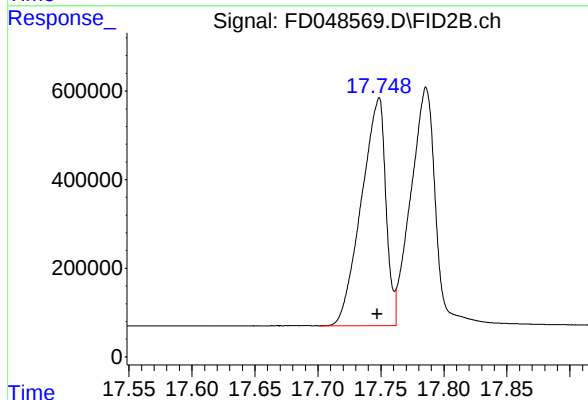
R.T.: 16.039 min
Delta R.T.: 0.000 min
Response: 7231888
Conc: 49.60 ug/ml

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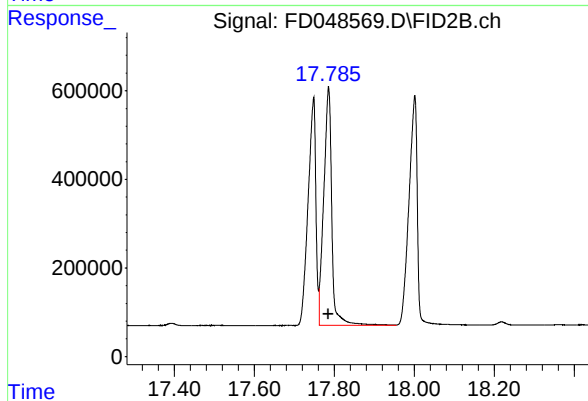
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 7547267
Conc: 50.15 ug/ml



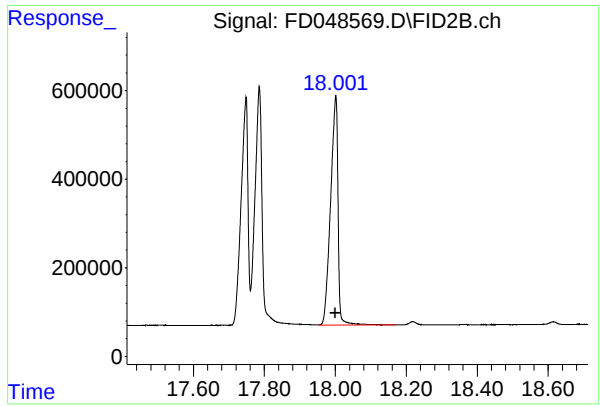
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.000 min
Response: 6949708
Conc: 50.43 ug/ml



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

R.T.: 17.785 min
Delta R.T.: 0.000 min
Response: 7539487
Conc: 49.47 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.000 min
Response: 7527026
Conc: 49.87 ug/ml

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