

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047801.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 16:17
 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 21 17:36:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 17:31:28 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... Spiked Amount 50.000	7.458	6611503 Recovery =	48.003 ug/ml 96.01%
6) S 2-Fluorobiphenyl (SURR) Spiked Amount 50.000 Range 0 - 131	8.312	4451736 Recovery =	48.043 ug/ml 96.09%
11) S ortho-Terphenyl (SURR) Spiked Amount 50.000	11.354	7411547 Recovery =	47.874 ug/ml 95.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	7385541	48.056 ug/ml
2) T Naphthalene (C11.7)	5.796	7722427	48.060 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	7790415	48.074 ug/ml
5) T Acenaphthylene (C15.06)	8.116	7653958	47.972 ug/ml
7) T Acenaphthene (C15.5)	8.412	7634556	47.916 ug/ml
8) T Fluorene (C16.55)	9.191	7442541	47.993 ug/ml
9) T Phenanthrene (C19.36)	10.582	7332797	48.098 ug/ml
10) T Anthracene (C19.43)	10.657	7264604	48.402 ug/ml
12) T Fluoranthene (C21.85)	12.390	7153285	47.972 ug/ml
13) T Pyrene (C20.8)	12.684	7097381	47.940 ug/ml
14) T Benzo[a]anthracene (C...)	14.555	6668372	48.128 ug/ml
15) T Chrysene (C27.41)	14.599	6831383	47.885 ug/ml
16) T benzo[b]fluoranthene ...	16.104	6735581	48.041 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	6336070	47.886 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.481	6592250	47.956 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	5925391	48.374 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	6312862	48.138 ug/ml
21) T Benzo[g,h,i]perylene ...	18.099	6442939	48.168 ug/ml

(f)=RT Delta > 1/2 Window

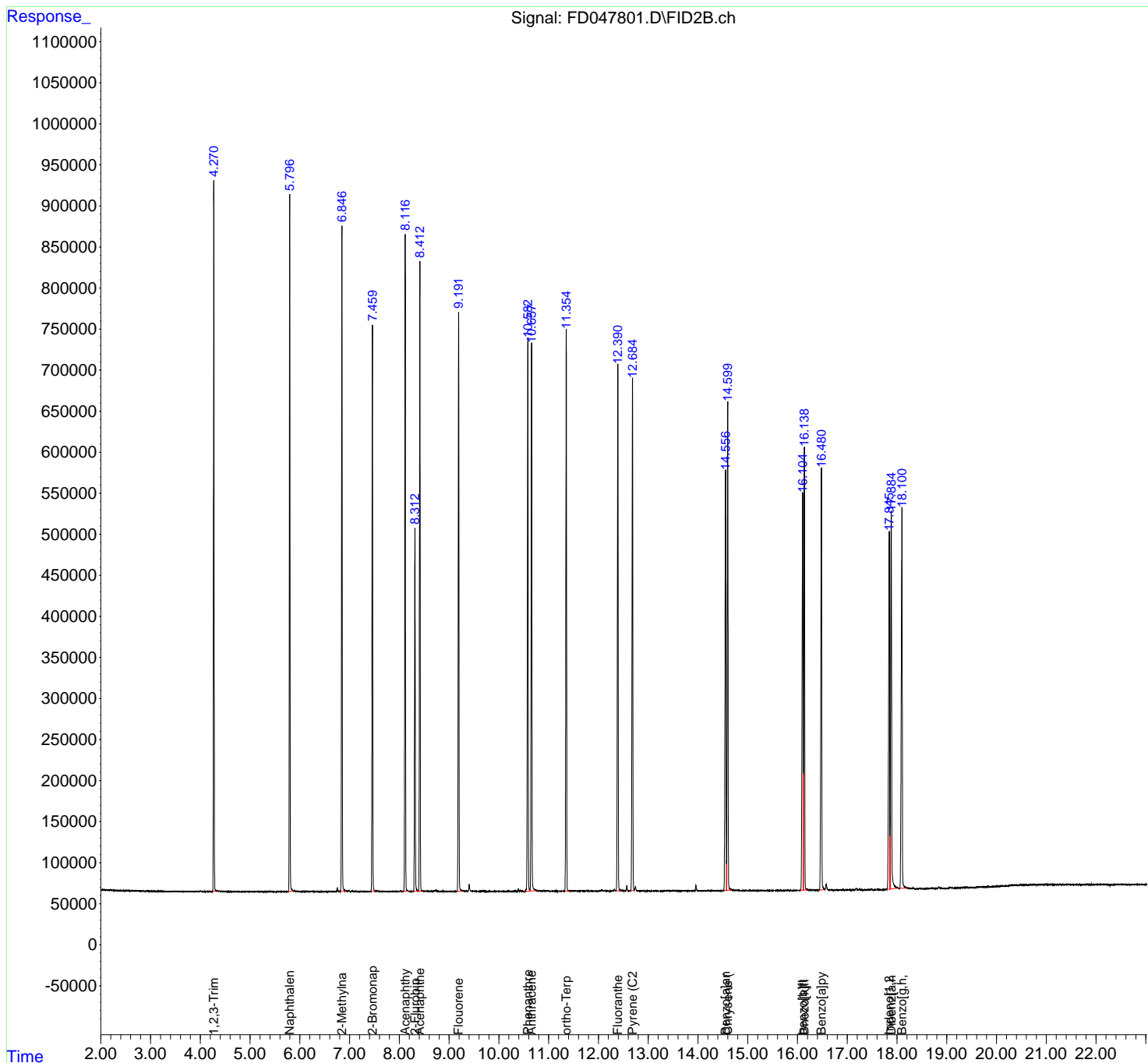
(m)=manual int.

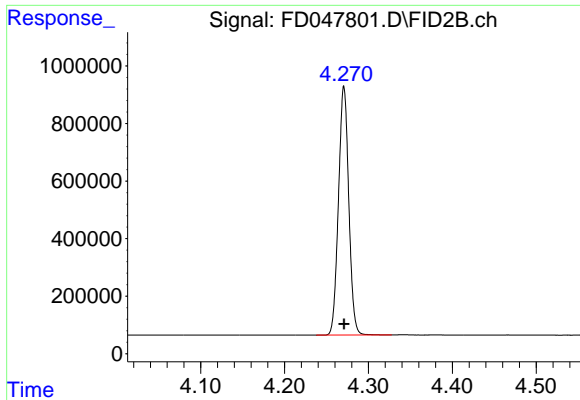
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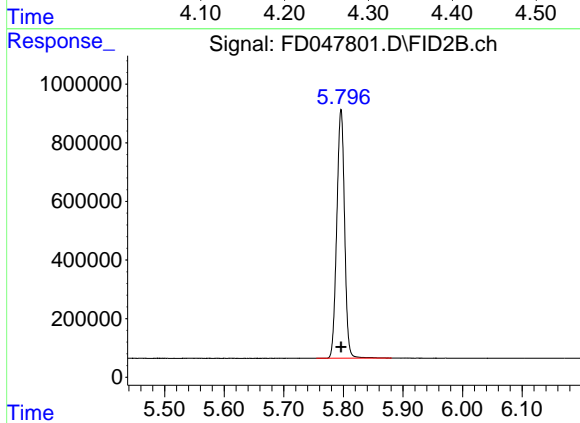




#1 1,2,3-Trimethylbenzene (C10.1)

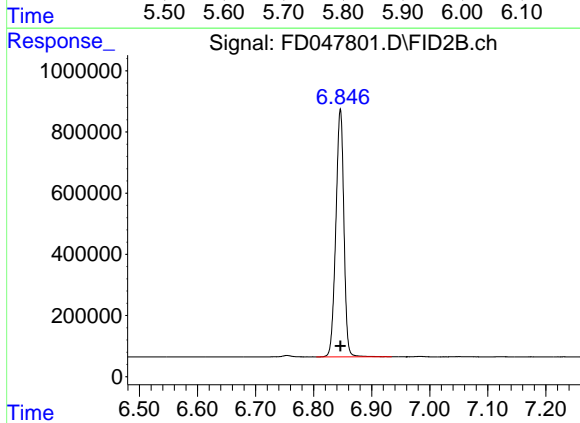
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 7385541
Conc: 48.06 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



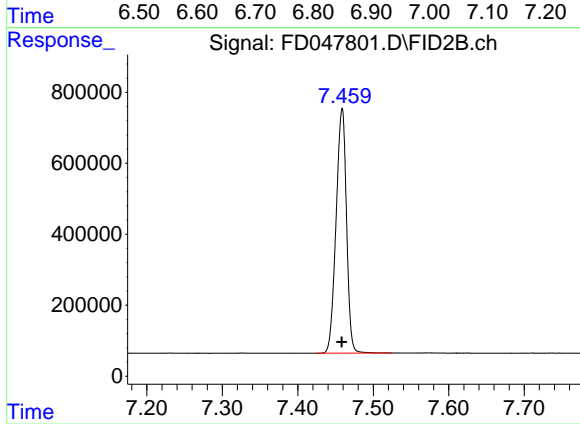
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 7722427
Conc: 48.06 ug/ml



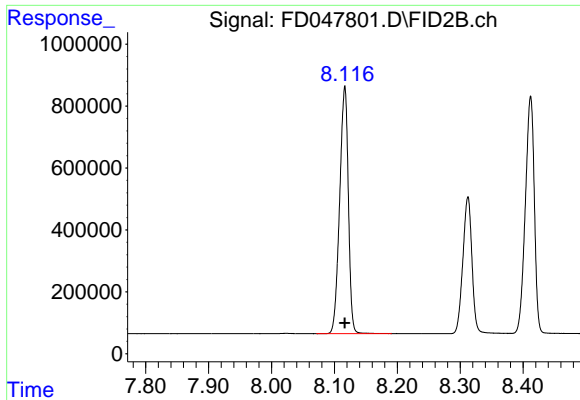
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 7790415
Conc: 48.07 ug/ml



#4 2-Bromonaphthalene (SURR)

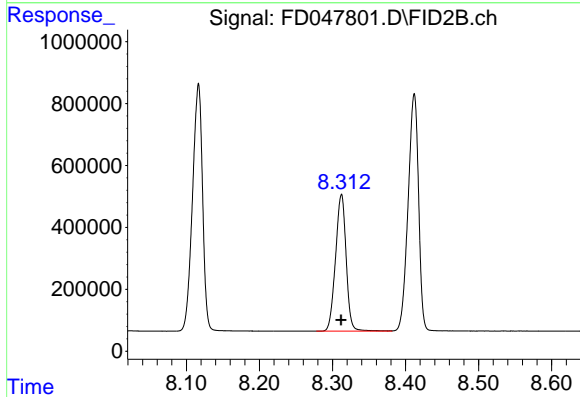
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 6611503
Conc: 48.00 ug/ml



#5 Acenaphthylene (C15.06)

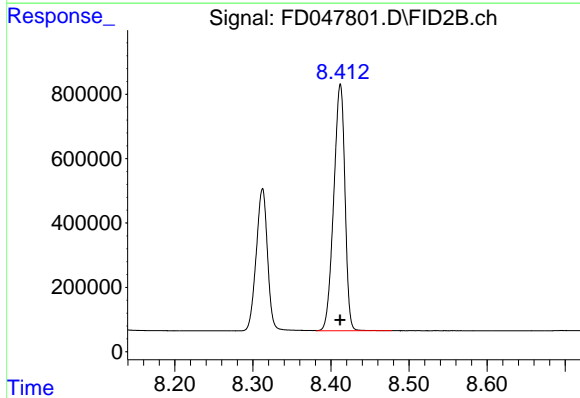
R.T.: 8.116 min
 Delta R.T.: 0.000 min
 Response: 7653958
 Conc: 47.97 ug/ml

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2



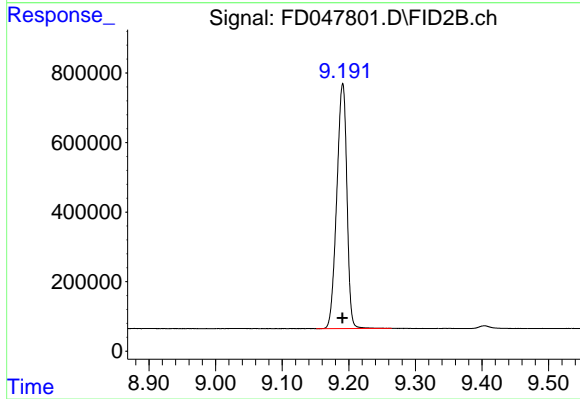
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
 Delta R.T.: 0.000 min
 Response: 4451736
 Conc: 48.04 ug/ml



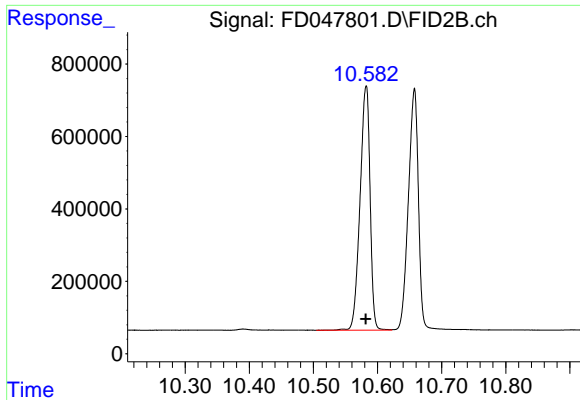
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
 Delta R.T.: 0.000 min
 Response: 7634556
 Conc: 47.92 ug/ml



#8 Fluorene (C16.55)

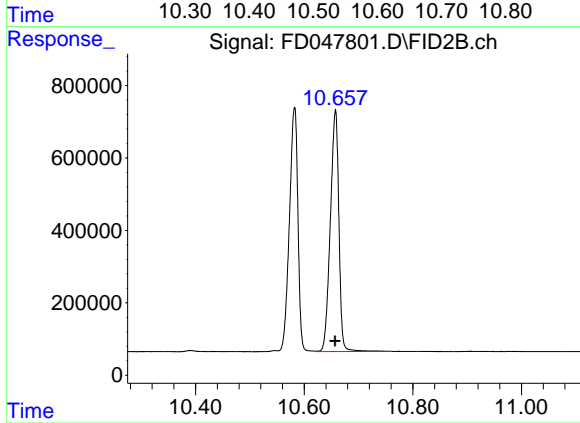
R.T.: 9.191 min
 Delta R.T.: 0.000 min
 Response: 7442541
 Conc: 47.99 ug/ml



#9 Phenanthrene (C19.36)

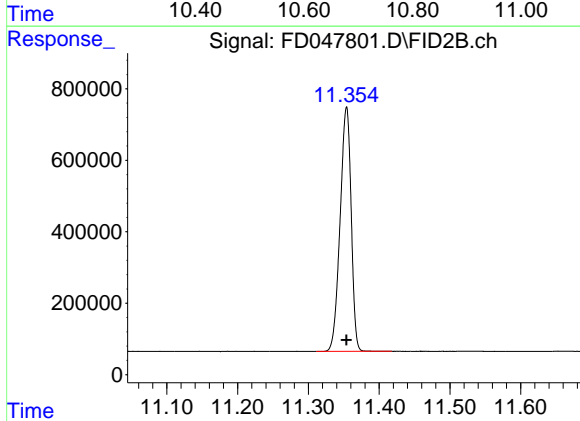
R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 7332797
Conc: 48.10 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



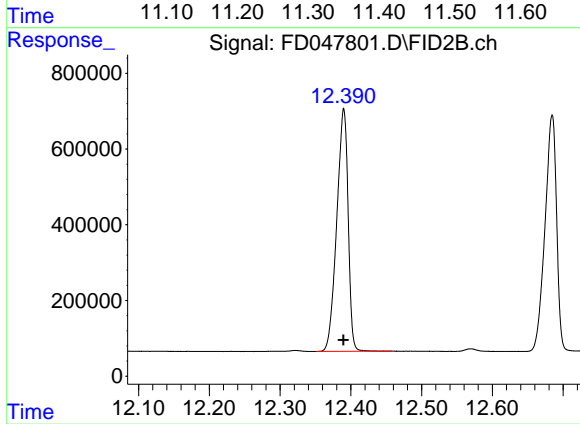
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.000 min
Response: 7264604
Conc: 48.40 ug/ml



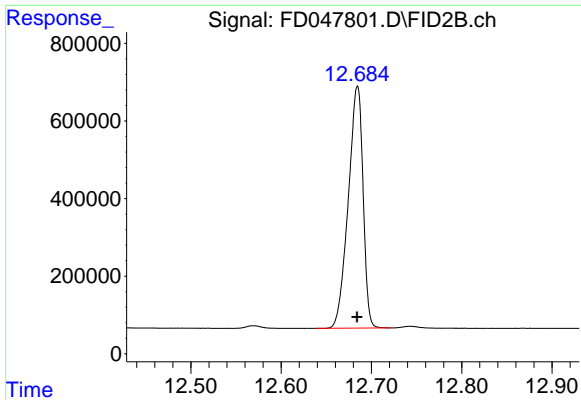
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 7411547
Conc: 47.87 ug/ml



#12 Fluoranthene (C21.85)

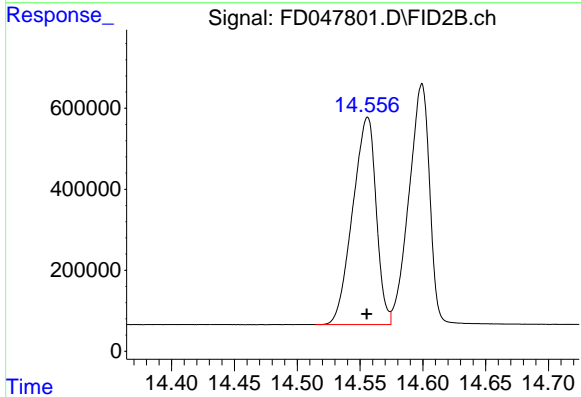
R.T.: 12.390 min
Delta R.T.: 0.000 min
Response: 7153285
Conc: 47.97 ug/ml



#13 Pyrene (C20.8)

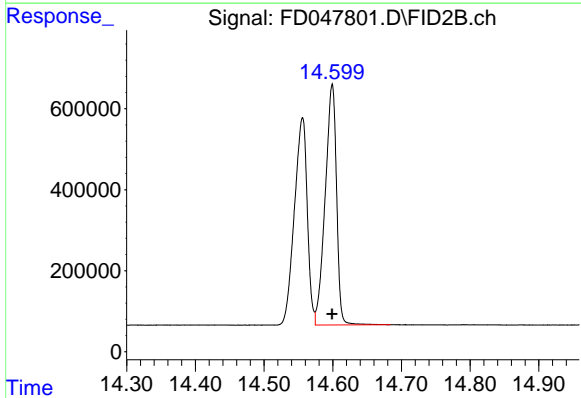
R.T.: 12.684 min
 Delta R.T.: 0.000 min
 Response: 7097381
 Conc: 47.94 ug/ml

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2



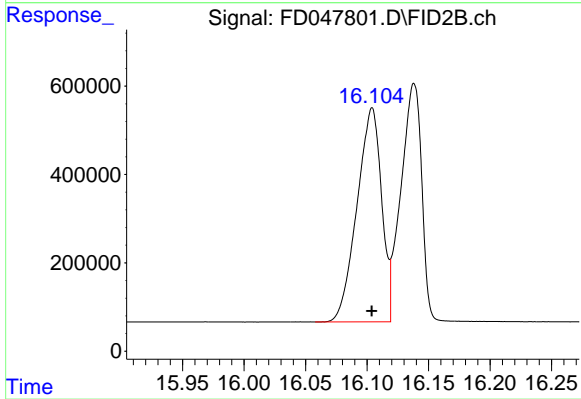
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
 Delta R.T.: 0.000 min
 Response: 6668372
 Conc: 48.13 ug/ml



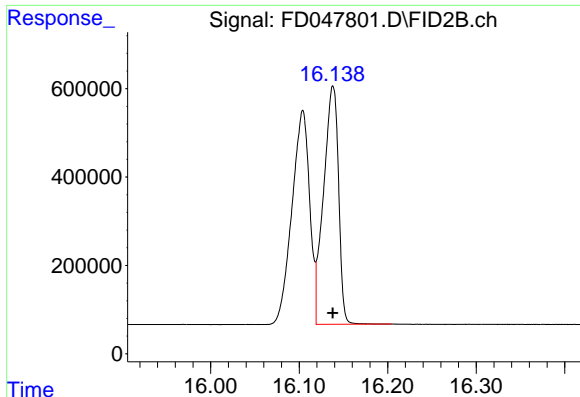
#15 Chrysene (C27.41)

R.T.: 14.599 min
 Delta R.T.: 0.000 min
 Response: 6831383
 Conc: 47.88 ug/ml



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

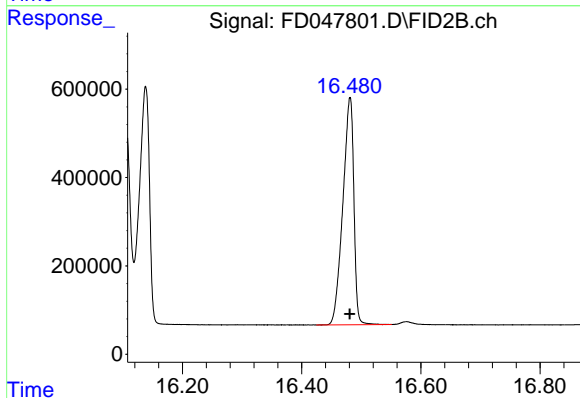
R.T.: 16.104 min
 Delta R.T.: 0.000 min
 Response: 6735581
 Conc: 48.04 ug/ml



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

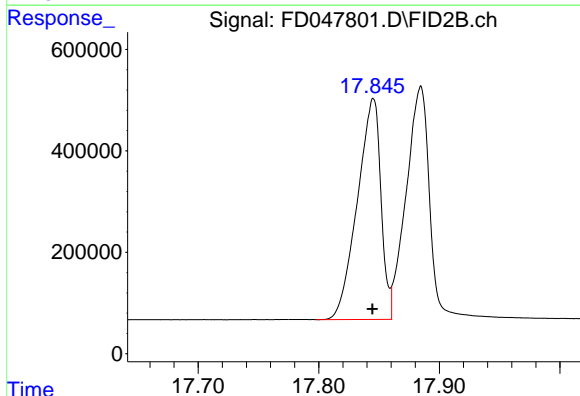
R.T.: 16.138 min
 Delta R.T.: 0.000 min
 Response: 6336070
 Conc: 47.89 ug/ml

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2



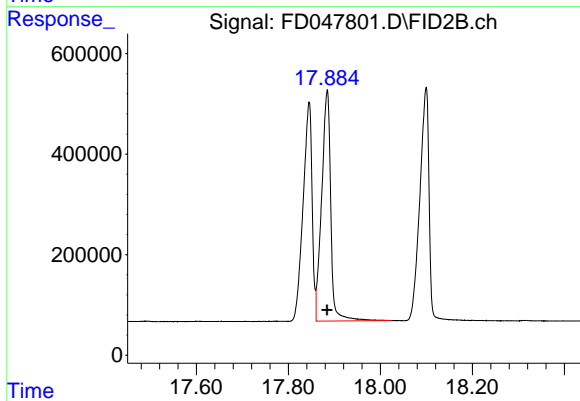
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min
 Delta R.T.: 0.000 min
 Response: 6592250
 Conc: 47.96 ug/ml



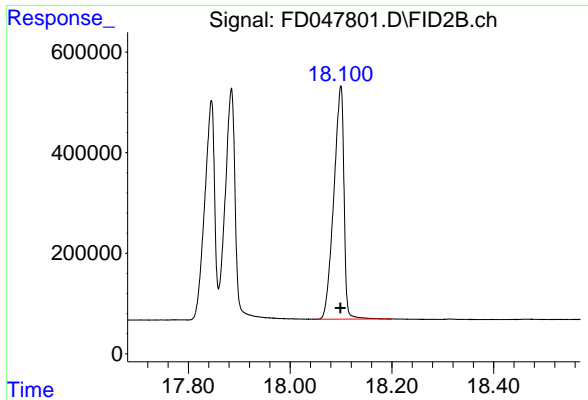
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
 Delta R.T.: 0.000 min
 Response: 5925391
 Conc: 48.37 ug/ml



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

R.T.: 17.884 min
 Delta R.T.: 0.000 min
 Response: 6312862
 Conc: 48.14 ug/ml



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

R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 6442939
Conc: 48.17 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2