

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039627.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 2:40
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Nov 24 04:17:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:11:23 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.744	2251864	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.614	1521457	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.656	2446987	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	2427018	20.000 ug/ml
2) T Naphthalene (C11.7)	6.081	2562367	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	2611897	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.416	2412004	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.711	2561647	20.000 ug/ml
8) T Flouorene (C16.55)	9.495	2480690	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.896	2410067	20.000 ug/ml
10) T Anthracene (C19.43)	10.971	2411905	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.713	2368236	20.000 ug/ml
13) T Pyrene (C20.8)	13.012	2288921	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.886	1980206	20.000 ug/ml
15) T Chrysene (C27.41)	14.928	2264483	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.439	1959116	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.471	2083114	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	1956494	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.186	1838461	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.224	2079361	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.441	1973291	20.000 ug/ml

(f)=RT Delta > 1/2 Window

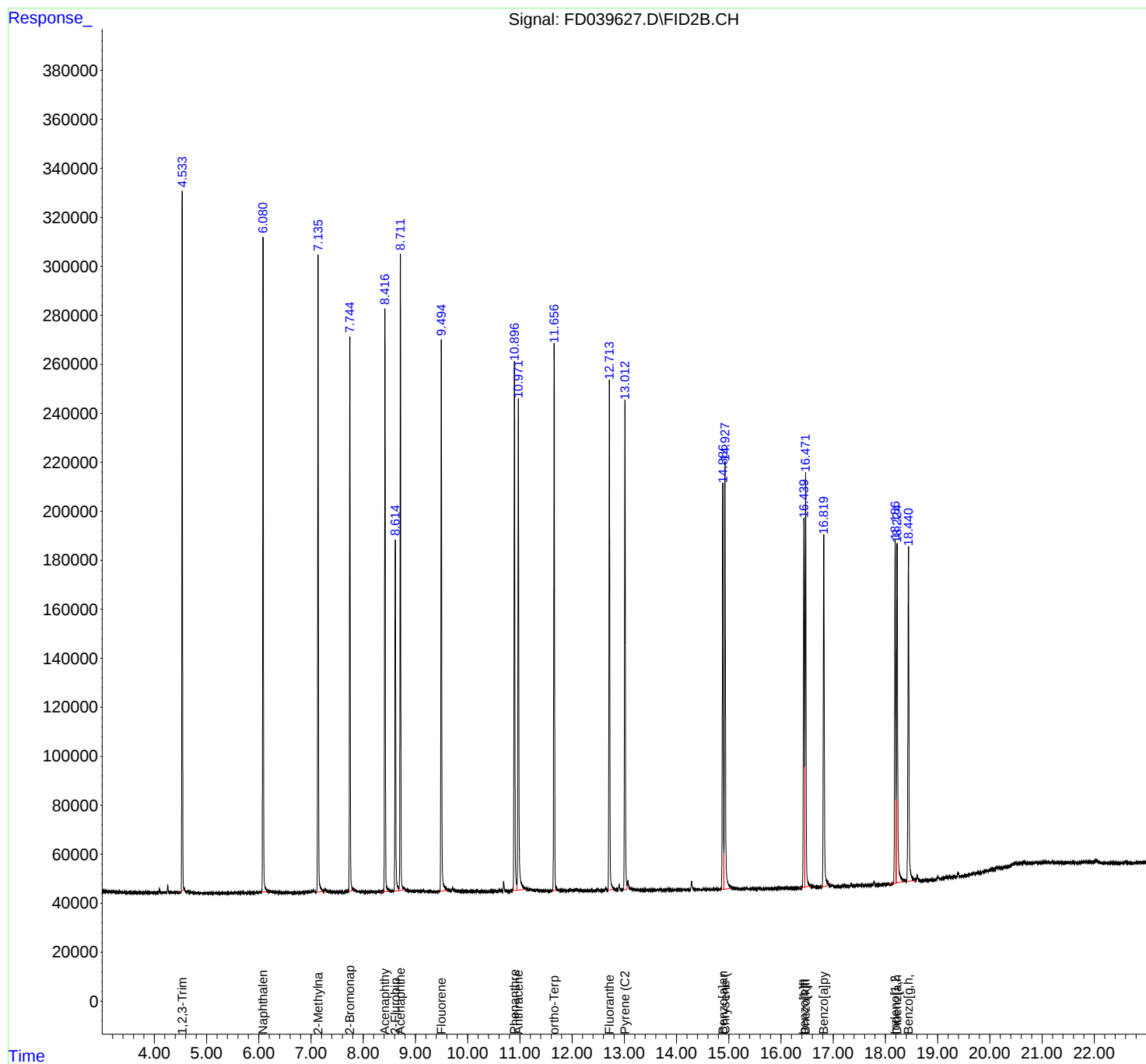
(m)=manual int.

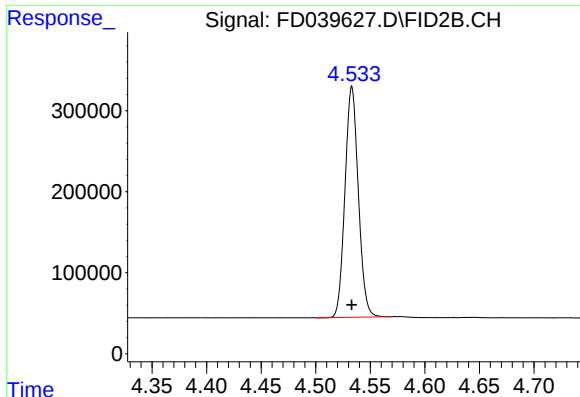
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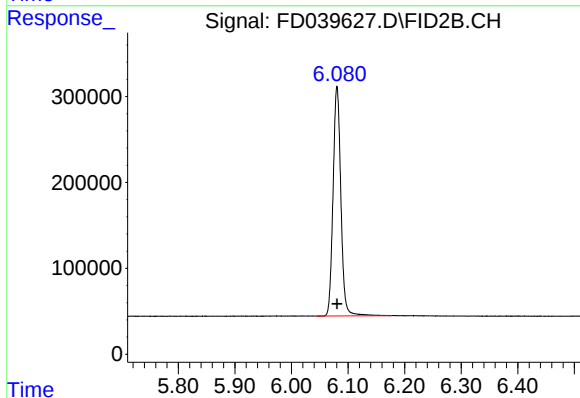




#1 1,2,3-Trimethylbenzene (C10.1)

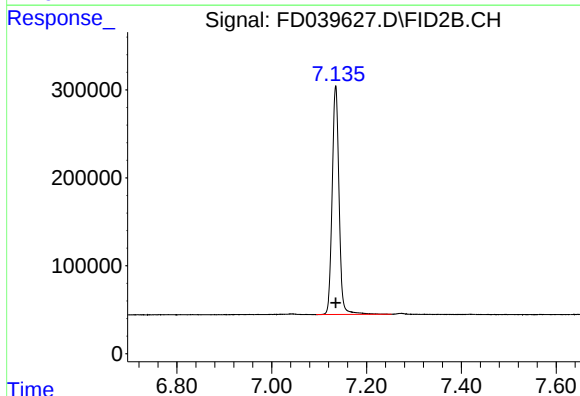
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 2427018
Conc: 20.00 ug/ml

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FID_D
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20 PPM AROMATIC HC STD3



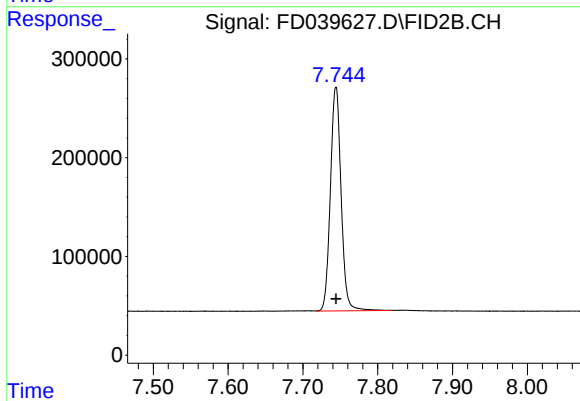
#2 Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 2562367
Conc: 20.00 ug/ml



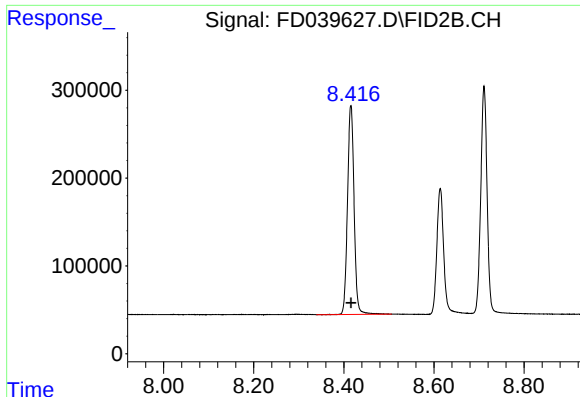
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 2611897
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

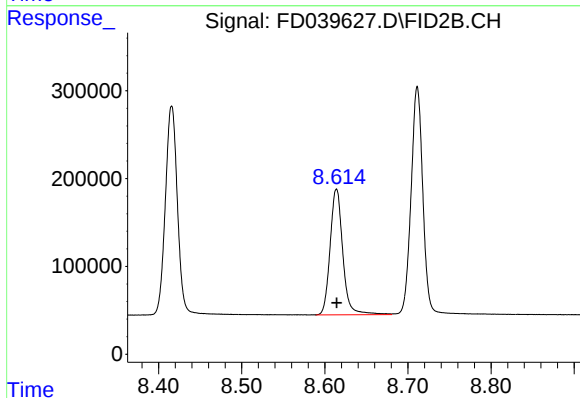
R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 2251864
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

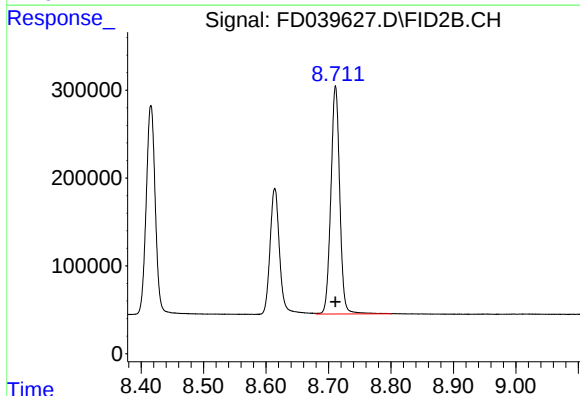
R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 2412004
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



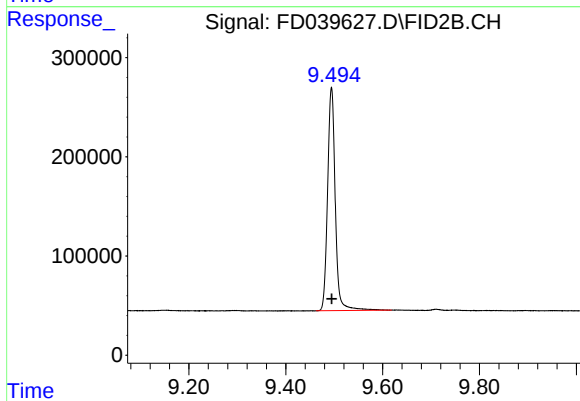
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 1521457
Conc: 20.00 ug/ml



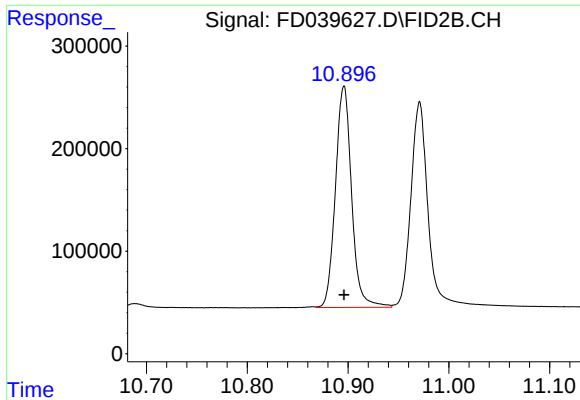
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2561647
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

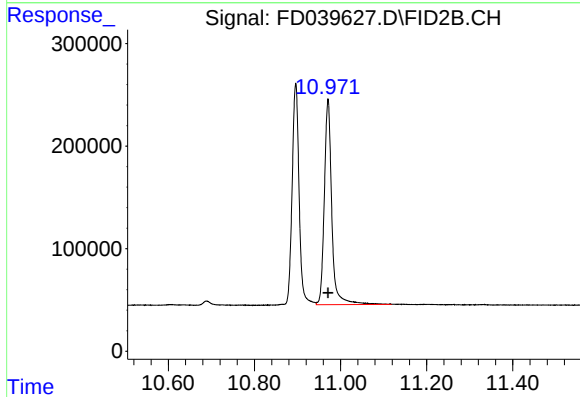
R.T.: 9.495 min
Delta R.T.: 0.000 min
Response: 2480690
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

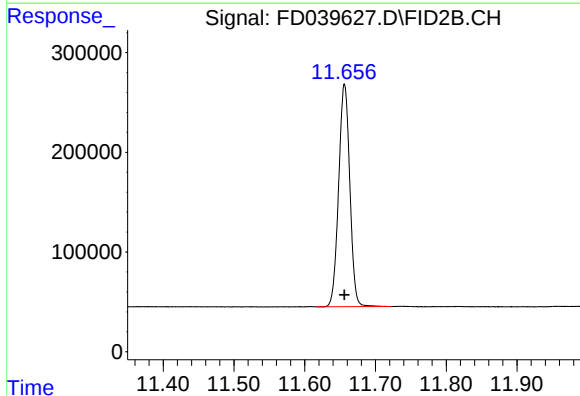
R.T.: 10.896 min
Delta R.T.: 0.000 min
Response: 2410067
Conc: 20.00 ug/ml

Instrument :
FID_D
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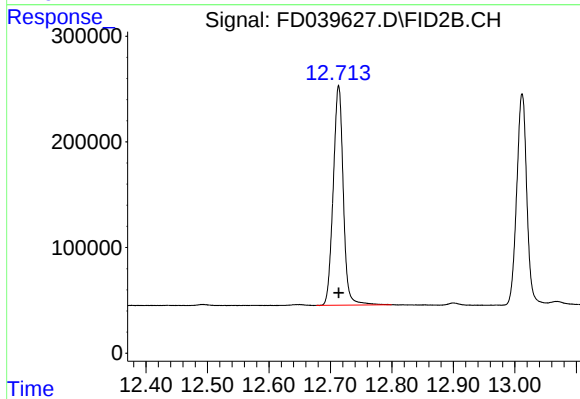
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: 0.000 min
Response: 2411905
Conc: 20.00 ug/ml



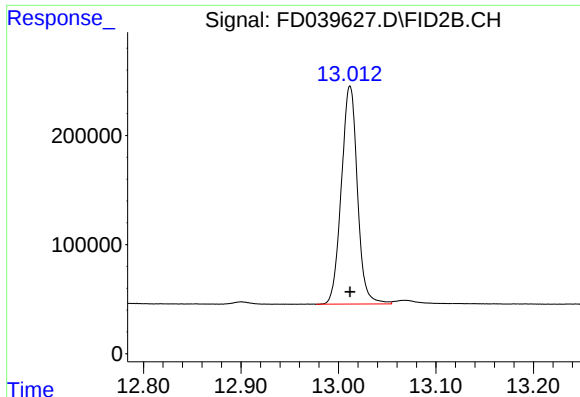
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: 0.000 min
Response: 2446987
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

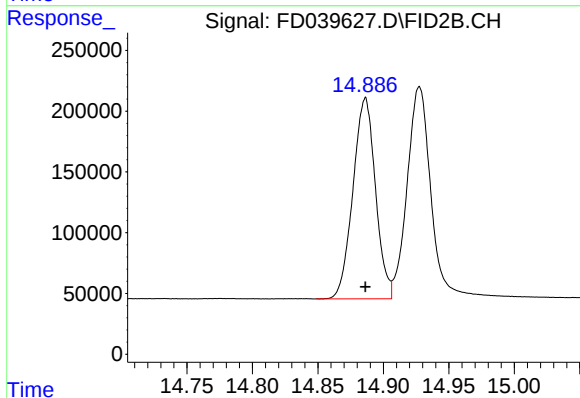
R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 2368236
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

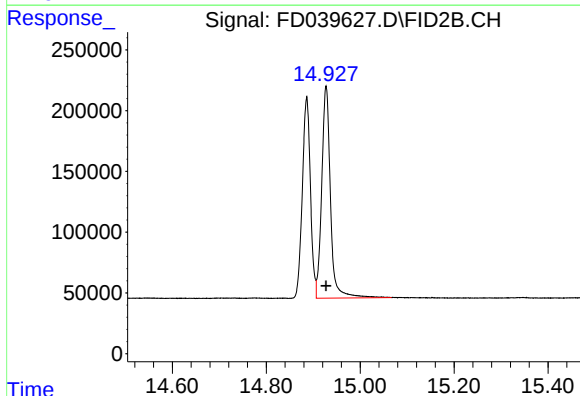
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 2288921
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



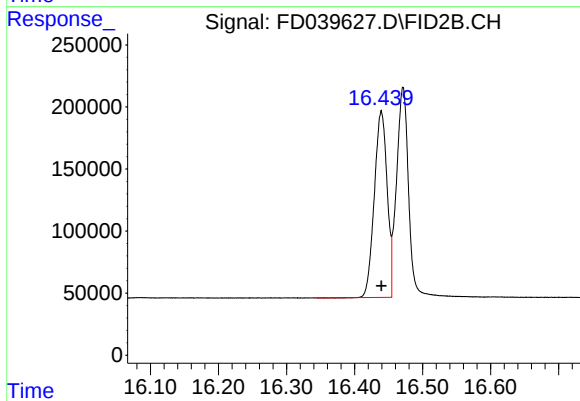
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.886 min
Delta R.T.: 0.000 min
Response: 1980206
Conc: 20.00 ug/ml



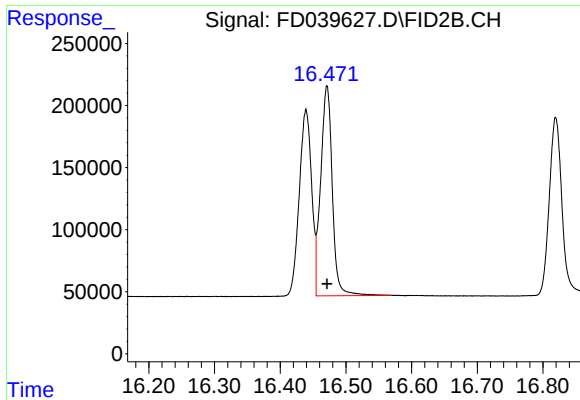
#15 Chrysene (C27.41)

R.T.: 14.928 min
Delta R.T.: 0.000 min
Response: 2264483
Conc: 20.00 ug/ml



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

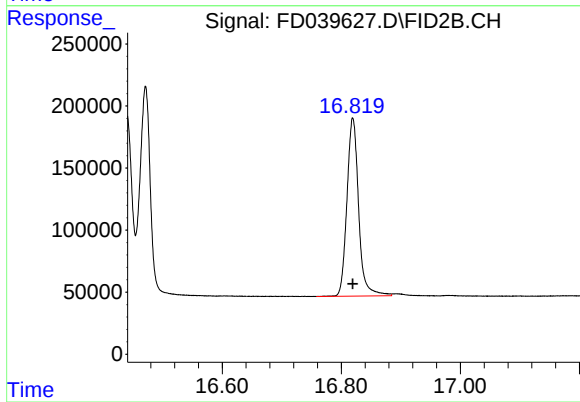
R.T.: 16.439 min
Delta R.T.: 0.000 min
Response: 1959116
Conc: 20.00 ug/ml



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

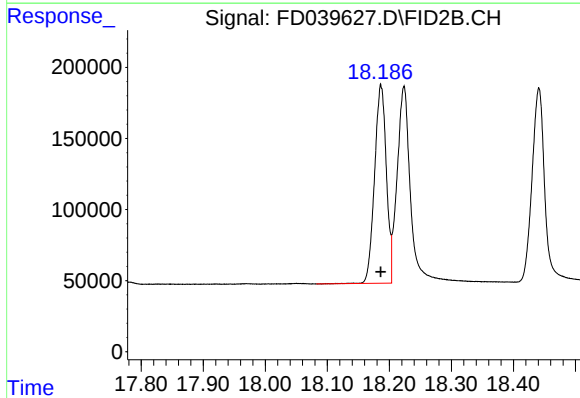
R.T.: 16.471 min
Delta R.T.: 0.000 min
Response: 2083114
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



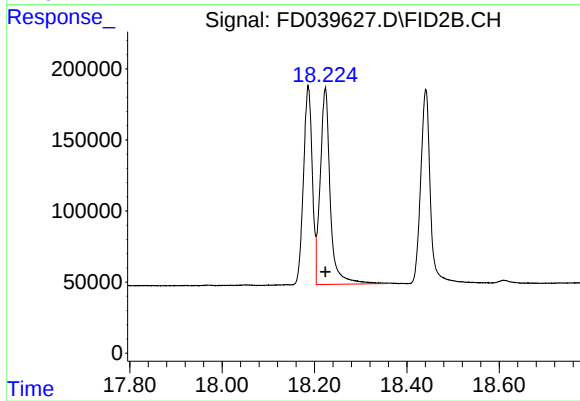
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min
Delta R.T.: 0.000 min
Response: 1956494
Conc: 20.00 ug/ml



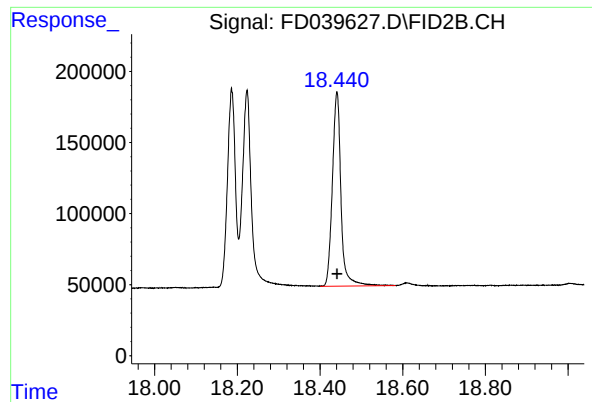
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.186 min
Delta R.T.: 0.000 min
Response: 1838461
Conc: 20.00 ug/ml



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

R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 2079361
Conc: 20.00 ug/ml



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

R.T.: 18.441 min
Delta R.T.: 0.000 min
Response: 1973291
Conc: 20.00 ug/ml

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