

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AR\
 Data File : FD039276.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 21:44
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 27 09:40:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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...	7.758	2339072	20.160 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
6) S 2-Fluorobiphenyl (SURR)	8.628	1624523	20.263 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.671	2564146	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	2485450	20.195 ug/ml
2) T Naphthalene (C11.7)	6.095	2626146	20.262 ug/ml
3) T 2-Methylnaphthalene (...)	7.149	2702659	20.350 ug/ml
5) T Acenaphthylene (C15.06)	8.430	2506988	20.312 ug/ml
7) T Acenaphthene (C15.5)	8.726	2635333	20.203 ug/ml
8) T Flouorene (C16.55)	9.509	2624618	20.270 ug/ml
9) T Phenanthrene (C19.36)	10.911	2606986	20.187 ug/ml
10) T Anthracene (C19.43)	10.986	2574270	20.122 ug/ml
12) T Fluoranthene (C21.85)	12.728	2627042	20.163 ug/ml
13) T Pyrene (C20.8)	13.027	2553454	20.191 ug/ml
14) T Benzo[a]anthracene (C...	14.900	2382411	20.142 ug/ml
15) T Chrysene (C27.41)	14.944	2522055	20.051 ug/ml
16) T benzo[b]fluoranthene ...	16.454	2337739	19.925 ug/ml
17) T Bnezo[k]fluoranthene ...	16.486	2345003	19.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.834	2266007	19.909 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.200	2099478	19.611 ug/ml
20) T Dibenz[a,h]anthracene...	18.237	2126087	19.941 ug/ml
21) T Benzo[g,h,i]perylene ...	18.456	2091865	19.822 ug/ml

(f)=RT Delta > 1/2 Window

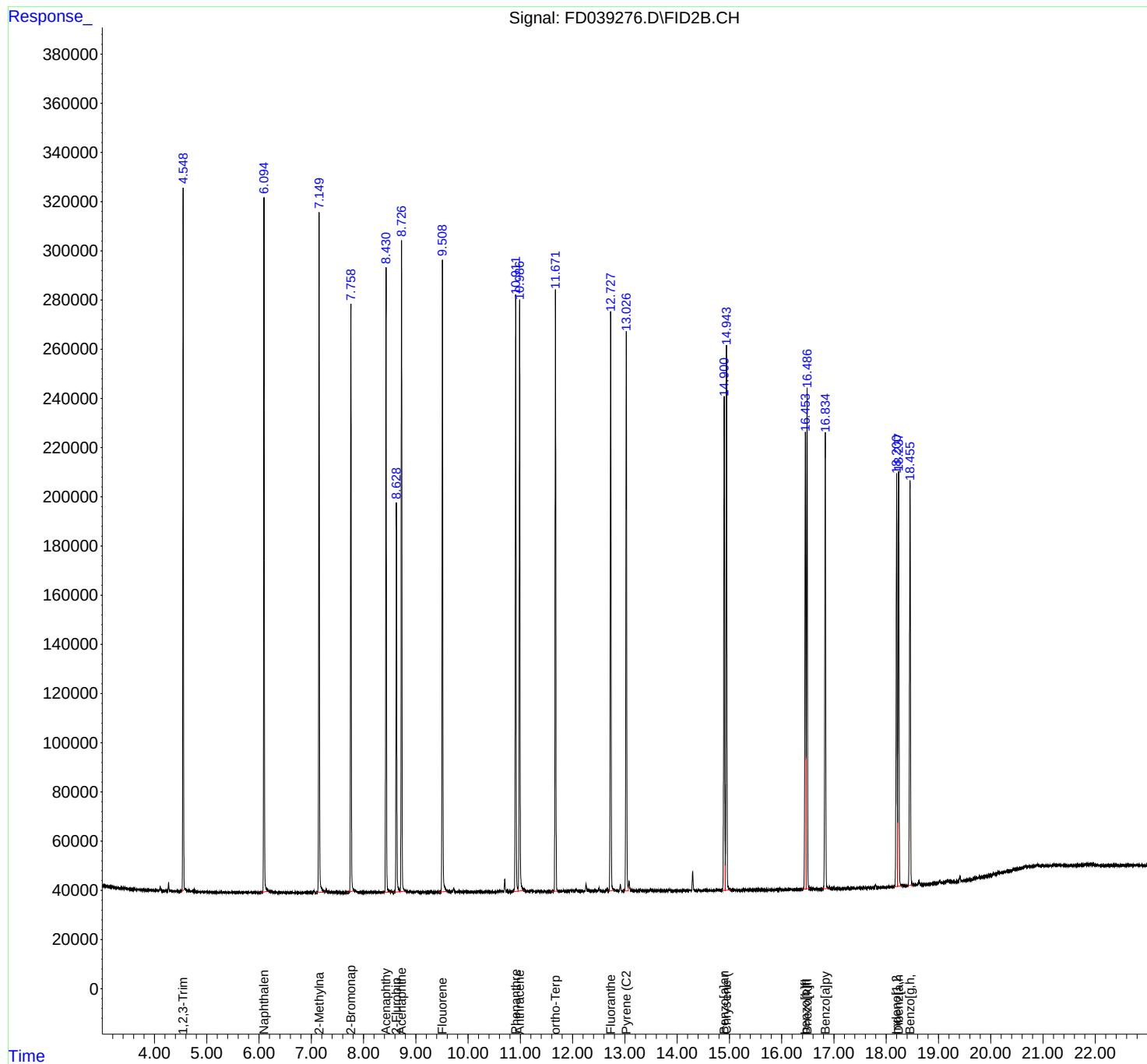
(m)=manual int.

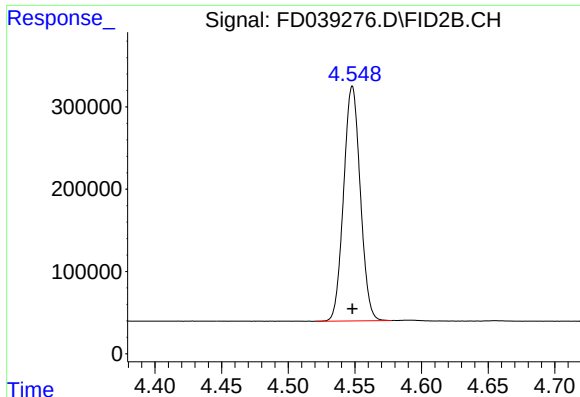
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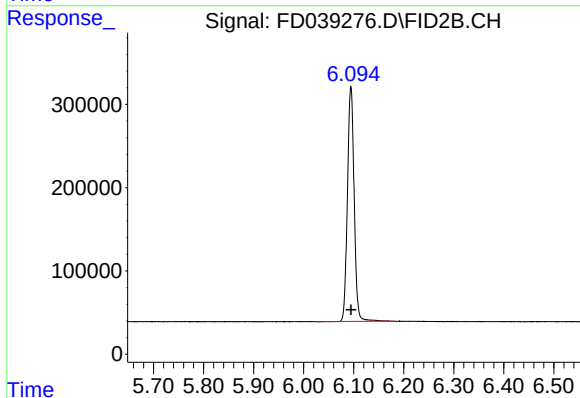




#1 1,2,3-Trimethylbenzene (C10.1)

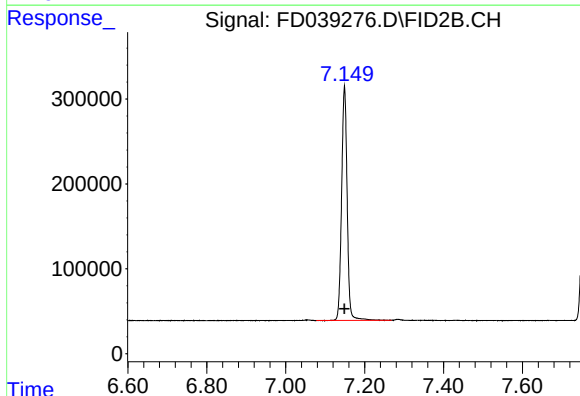
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 2485450
Conc: 20.19 ug/ml

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20 PPM AROMATIC HC STD ICV



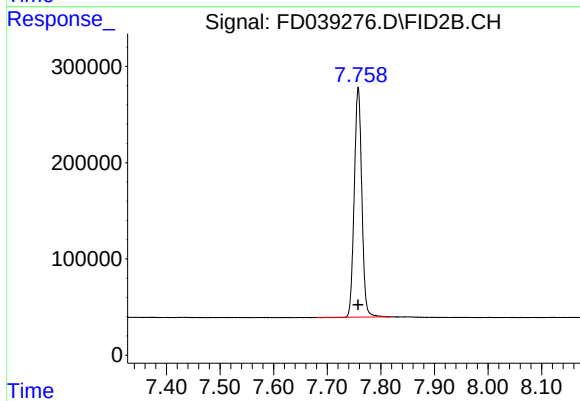
#2 Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 2626146
Conc: 20.26 ug/ml



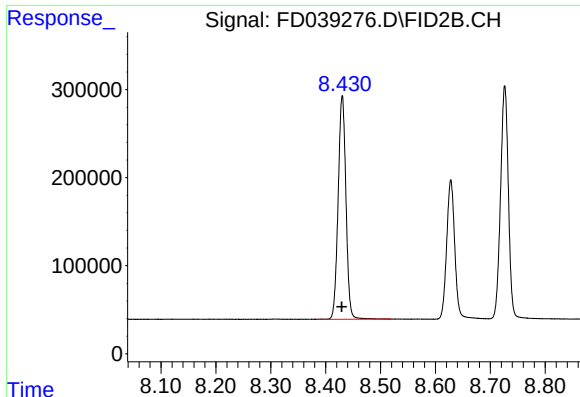
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 2702659
Conc: 20.35 ug/ml



#4 2-Bromonaphthalene (SURR)

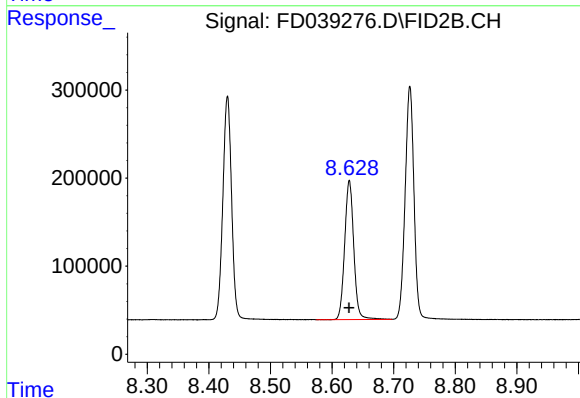
R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 2339072
Conc: 20.16 ug/ml



#5 Acenaphthylene (C15.06)

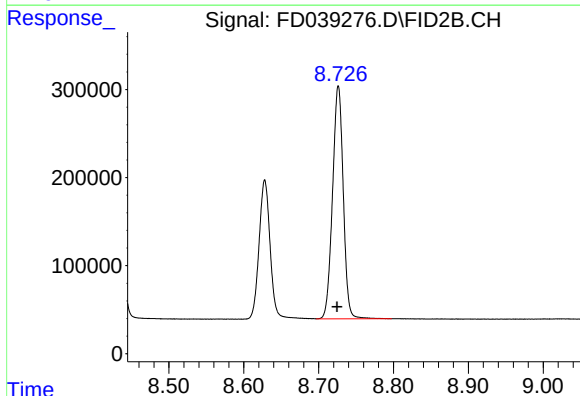
R.T.: 8.430 min
Delta R.T.: 0.001 min
Response: 2506988
Conc: 20.31 ug/ml

Instrument :
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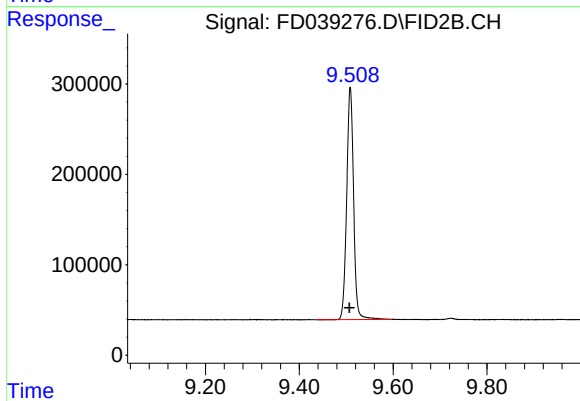
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 1624523
Conc: 20.26 ug/ml



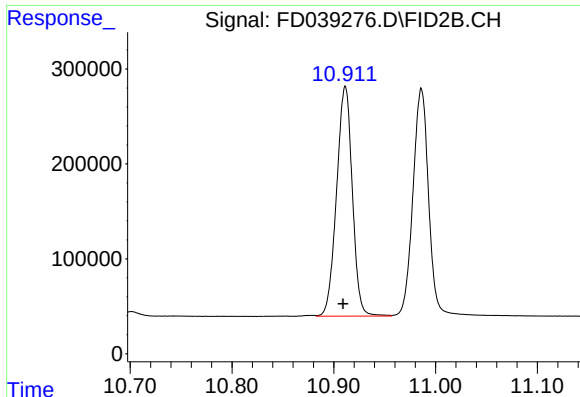
#7 Acenaphthene (C15.5)

R.T.: 8.726 min
Delta R.T.: 0.002 min
Response: 2635333
Conc: 20.20 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.509 min
Delta R.T.: 0.001 min
Response: 2624618
Conc: 20.27 ug/ml



#9 Phenanthrene (C19.36)

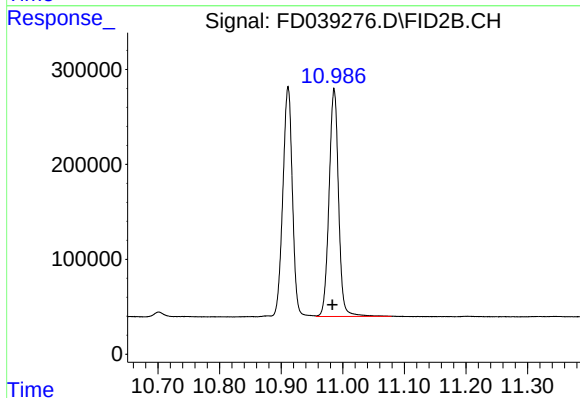
R.T.: 10.911 min
Delta R.T.: 0.002 min
Response: 2606986
Conc: 20.19 ug/ml

Instrument :

FID_D

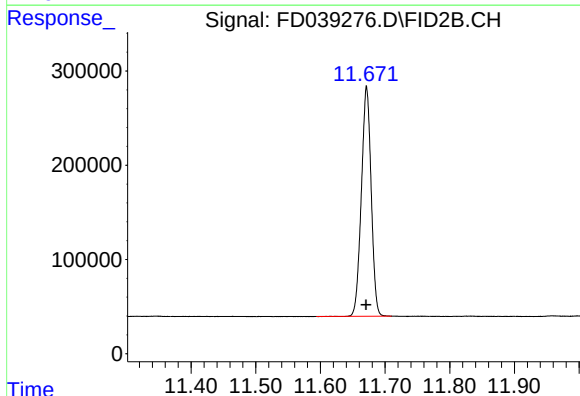
ClientSampleId :

20 PPM AROMATIC HC STD ICV



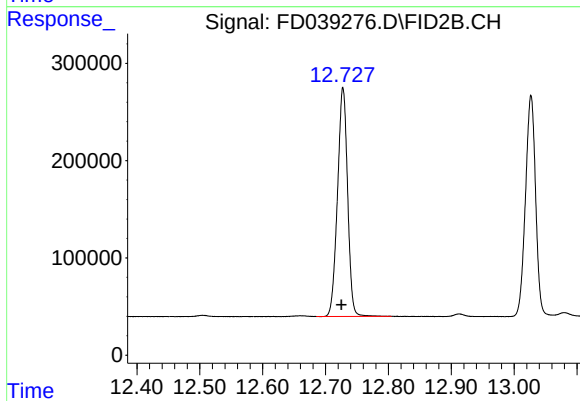
#10 Anthracene (C19.43)

R.T.: 10.986 min
Delta R.T.: 0.003 min
Response: 2574270
Conc: 20.12 ug/ml



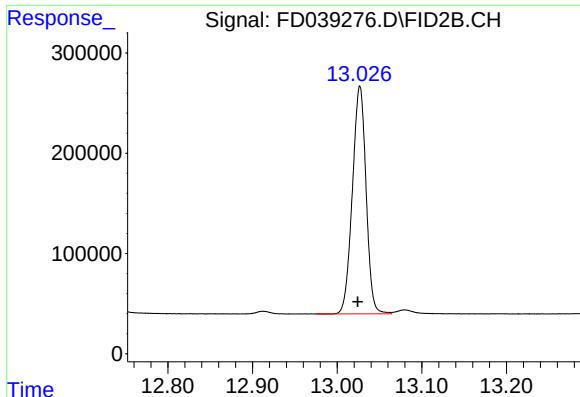
#11 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: 0.000 min
Response: 2564146
Conc: 20.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.728 min
Delta R.T.: 0.002 min
Response: 2627042
Conc: 20.16 ug/ml



#13 Pyrene (C20.8)

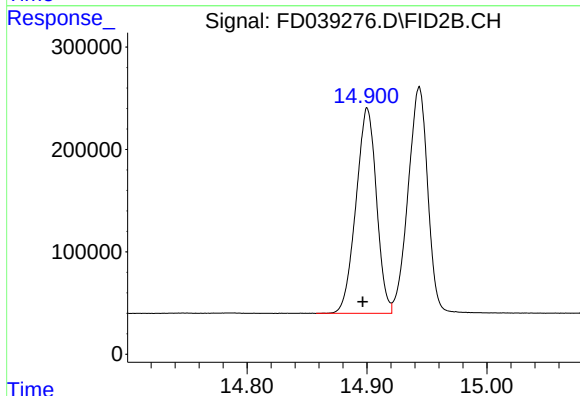
R.T.: 13.027 min
Delta R.T.: 0.002 min
Response: 2553454
Conc: 20.19 ug/ml

Instrument :

FID_D

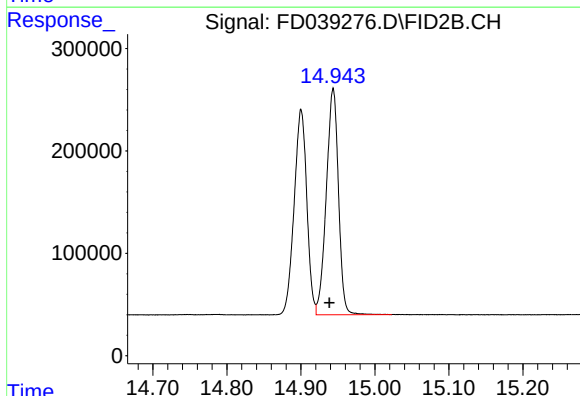
ClientSampleId :

20 PPM AROMATIC HC STD ICV



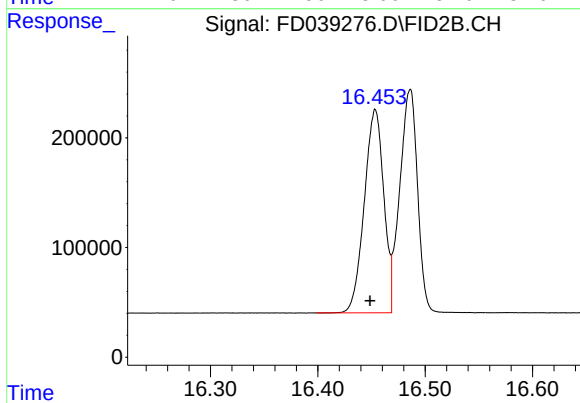
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.900 min
Delta R.T.: 0.004 min
Response: 2382411
Conc: 20.14 ug/ml



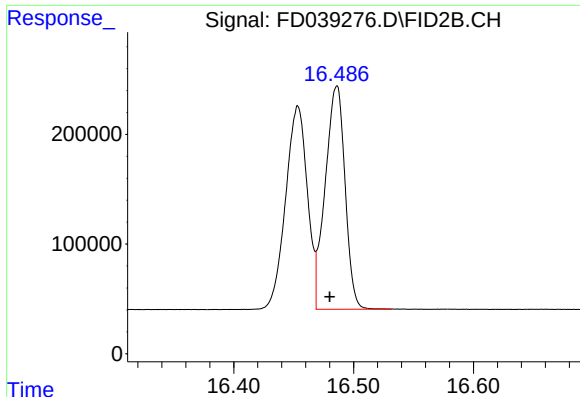
#15 Chrysene (C27.41)

R.T.: 14.944 min
Delta R.T.: 0.005 min
Response: 2522055
Conc: 20.05 ug/ml



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

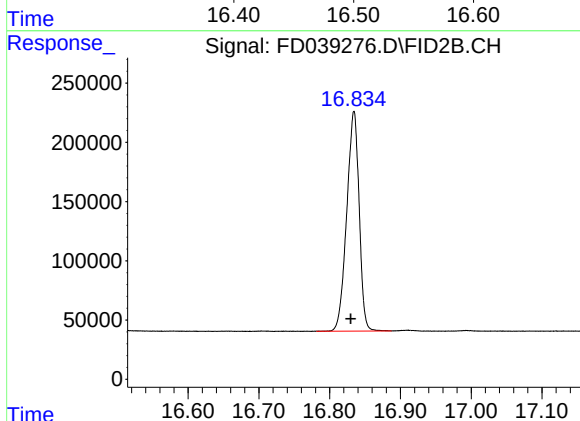
R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 2337739
Conc: 19.92 ug/ml



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

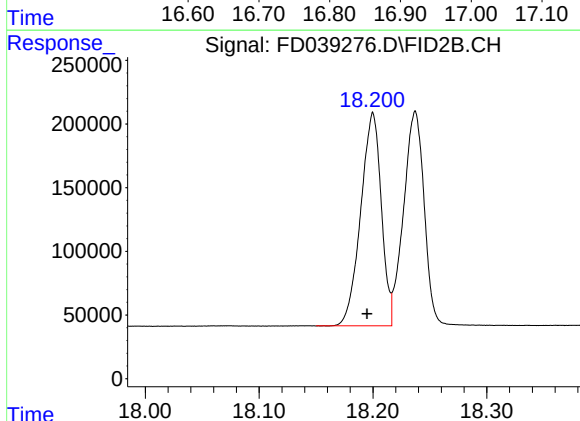
R.T.: 16.486 min
Delta R.T.: 0.006 min
Response: 2345003
Conc: 19.93 ug/ml

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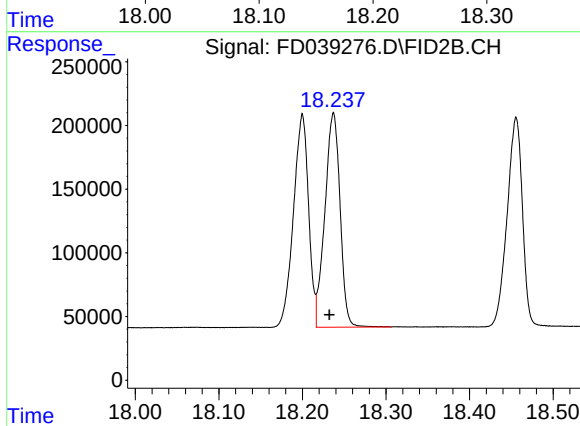
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min
Delta R.T.: 0.004 min
Response: 2266007
Conc: 19.91 ug/ml



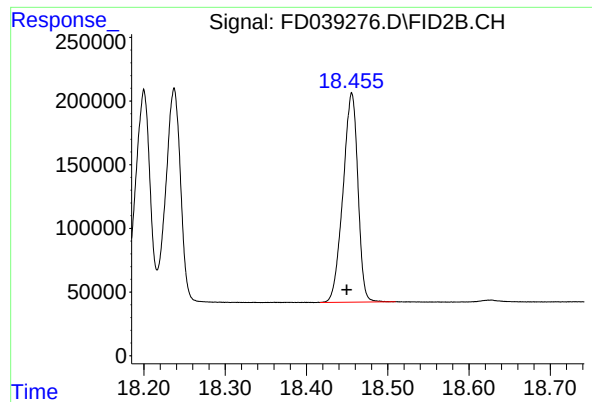
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.200 min
Delta R.T.: 0.005 min
Response: 2099478
Conc: 19.61 ug/ml



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

R.T.: 18.237 min
Delta R.T.: 0.005 min
Response: 2126087
Conc: 19.94 ug/ml



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

R.T.: 18.456 min
Delta R.T.: 0.006 min
Response: 2091865
Conc: 19.82 ug/ml

Instrument :
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