

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039626.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 2:02
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 24 04:17:04 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...	7.747	5887562	52.291 ug/ml
Spiked Amount 50.000		Recovery =	104.58%
6) S 2-Fluorobiphenyl (SURR)	8.618	4032892	53.014 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.03%
11) S ortho-Terphenyl (SURR)	11.660	6339810	51.817 ug/ml
Spiked Amount 50.000		Recovery =	103.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	6338168	52.230 ug/ml
2) T Naphthalene (C11.7)	6.082	6691255	52.227 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	6803128	52.093 ug/ml
5) T Acenaphthylene (C15.06)	8.420	6276981	52.048 ug/ml
7) T Acenaphthene (C15.5)	8.716	6660595	52.002 ug/ml
8) T Fluorene (C16.55)	9.499	6527567	52.627 ug/ml
9) T Phenanthrene (C19.36)	10.902	6405845	53.159 ug/ml
10) T Anthracene (C19.43)	10.977	6291786	52.173 ug/ml
12) T Fluoranthene (C21.85)	12.720	6291557	53.133 ug/ml
13) T Pyrene (C20.8)	13.019	6057131	52.926 ug/ml
14) T Benzo[a]anthracene (C...	14.893	5407702	54.618 ug/ml
15) T Chrysene (C27.41)	14.937	5811808	51.330 ug/ml
16) T benzo[b]fluoranthene ...	16.447	5271702	53.817 ug/ml
17) T Bnezo[k]fluoranthene ...	16.482	5390418	51.753 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.830	5179702	52.949 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.199	5073807	55.196 ug/ml
20) T Dibenz[a,h]anthracene...	18.235	5145293	49.489 ug/ml
21) T Benzo[g,h,i]perylene ...	18.455	5083739	51.526 ug/ml

(f)=RT Delta > 1/2 Window

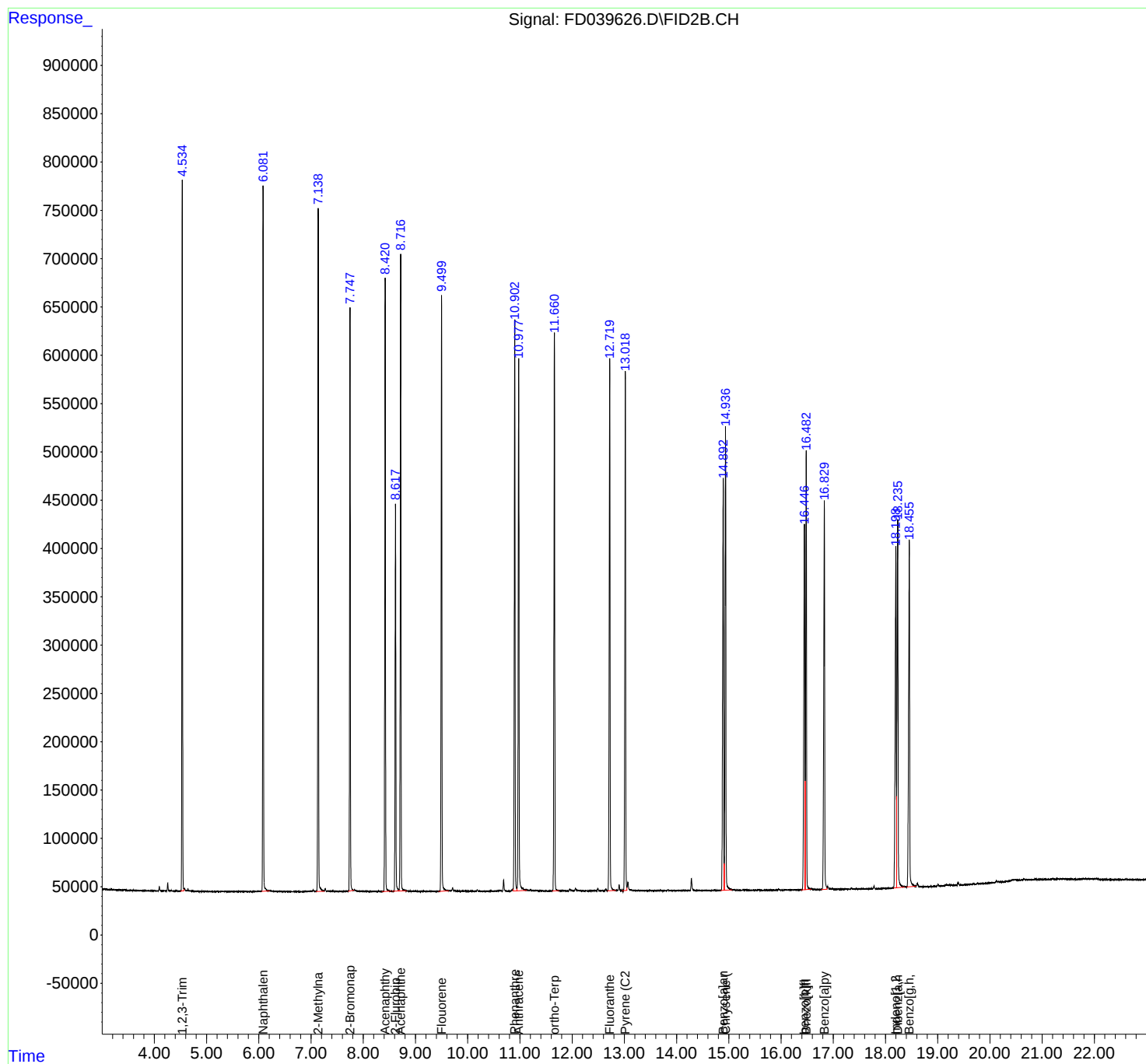
(m)=manual int.

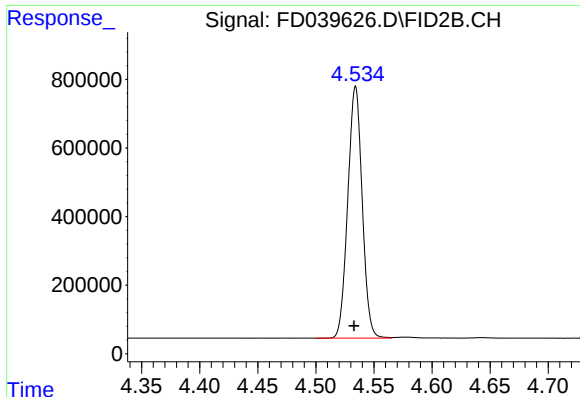
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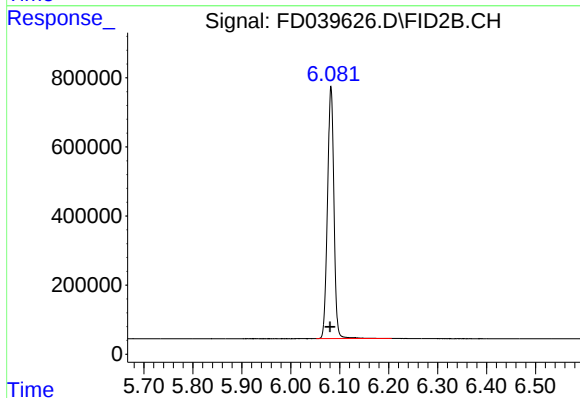




#1 1,2,3-Trimethylbenzene (C10.1)

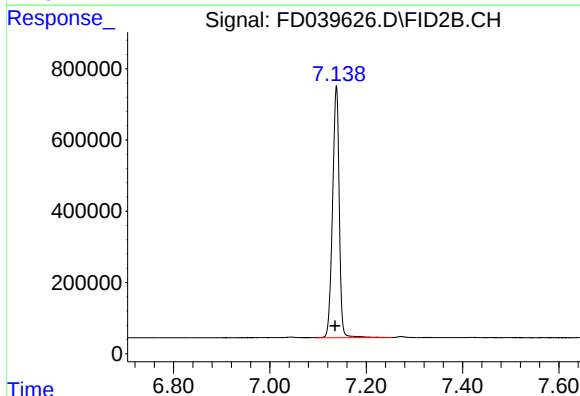
R.T.: 4.534 min
Delta R.T.: 0.001 min
Response: 6338168
Conc: 52.23 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



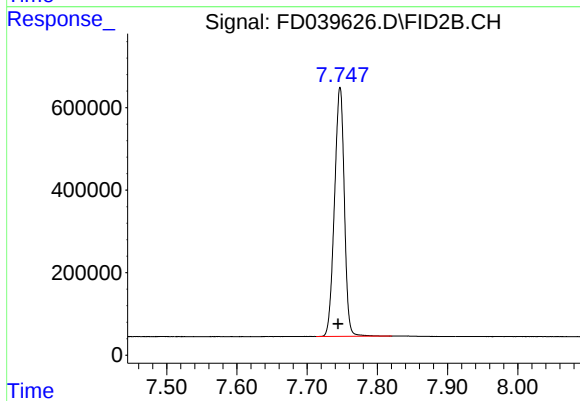
#2 Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 6691255
Conc: 52.23 ug/ml



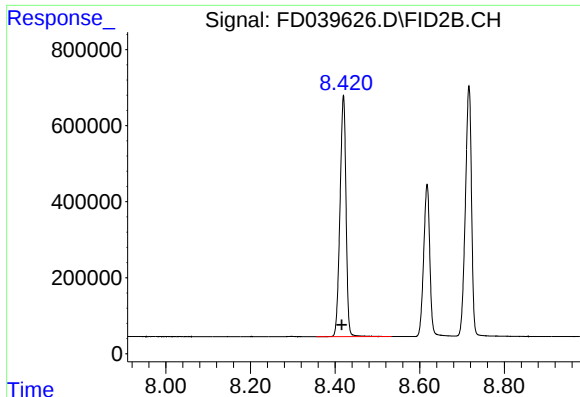
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 6803128
Conc: 52.09 ug/ml



#4 2-Bromonaphthalene (SURR)

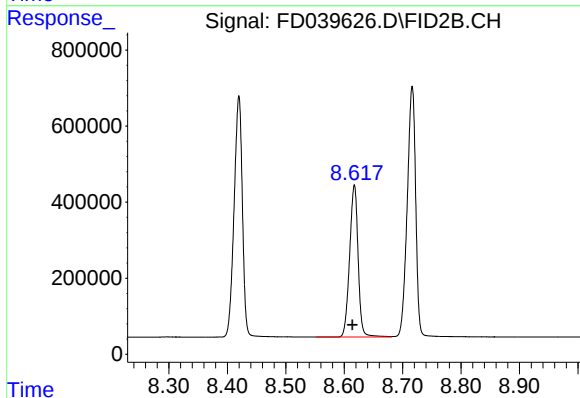
R.T.: 7.747 min
Delta R.T.: 0.003 min
Response: 5887562
Conc: 52.29 ug/ml



#5 Acenaphthylene (C15.06)

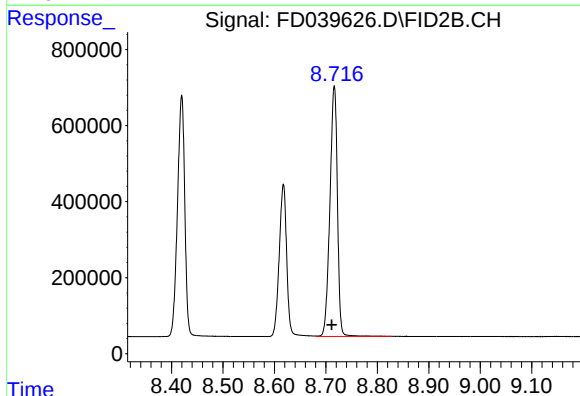
R.T.: 8.420 min
Delta R.T.: 0.004 min
Response: 6276981
Conc: 52.05 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



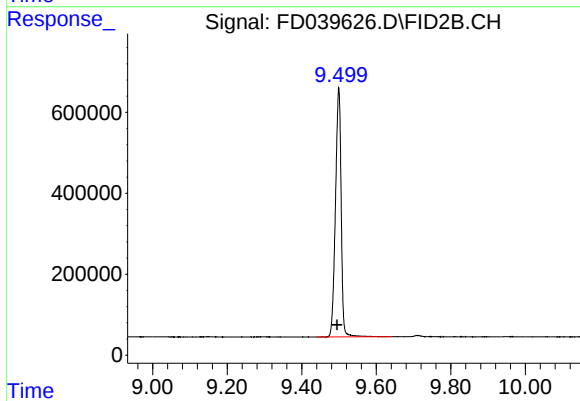
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min
Delta R.T.: 0.003 min
Response: 4032892
Conc: 53.01 ug/ml



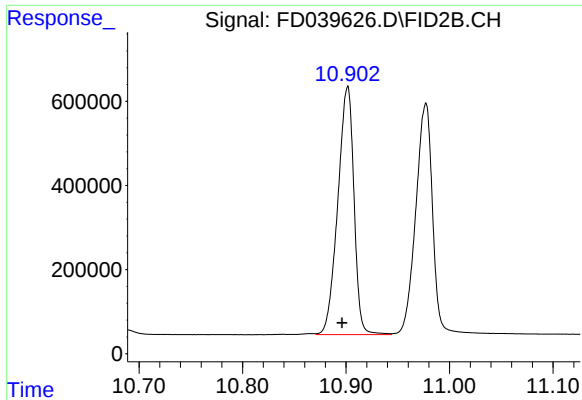
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: 0.005 min
Response: 6660595
Conc: 52.00 ug/ml



#8 Fluorene (C16.55)

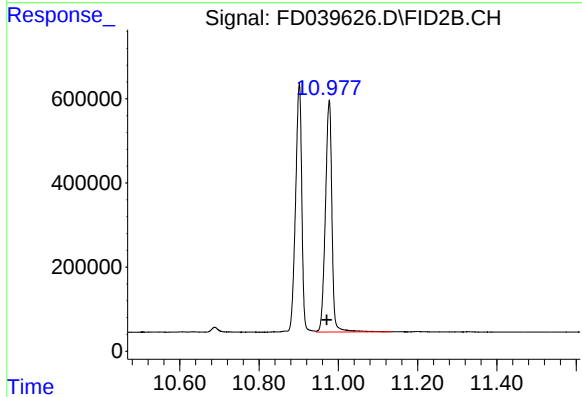
R.T.: 9.499 min
Delta R.T.: 0.005 min
Response: 6527567
Conc: 52.63 ug/ml



#9 Phenanthrene (C19.36)

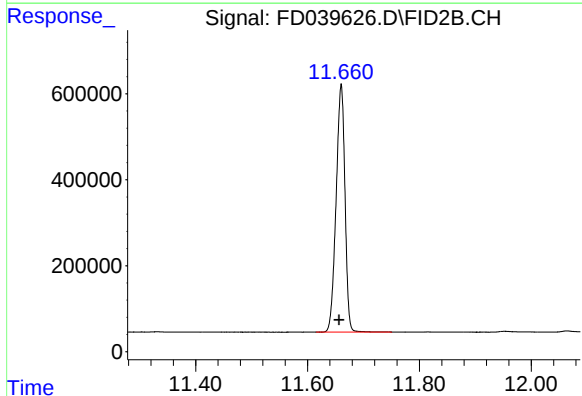
R.T.: 10.902 min
Delta R.T.: 0.006 min
Response: 6405845
Conc: 53.16 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



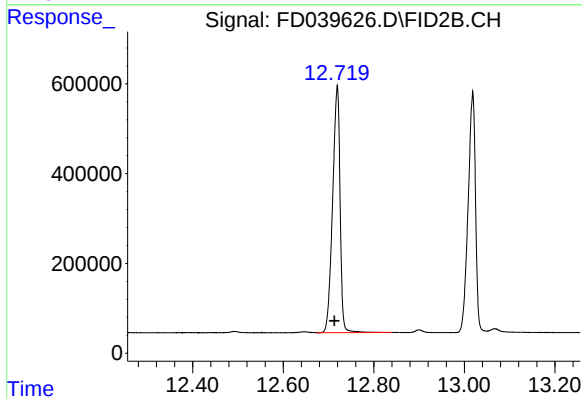
#10 Anthracene (C19.43)

R.T.: 10.977 min
Delta R.T.: 0.006 min
Response: 6291786
Conc: 52.17 ug/ml



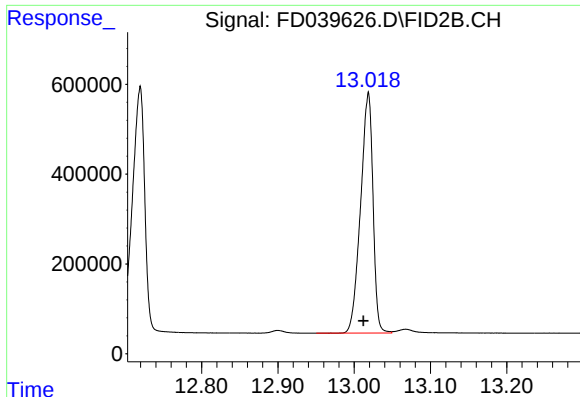
#11 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: 0.004 min
Response: 6339810
Conc: 51.82 ug/ml



#12 Fluoranthene (C21.85)

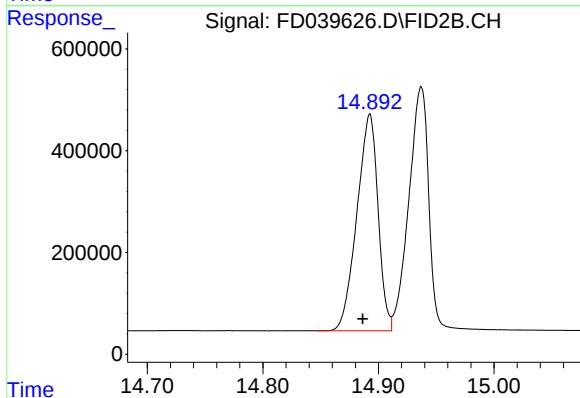
R.T.: 12.720 min
Delta R.T.: 0.006 min
Response: 6291557
Conc: 53.13 ug/ml



#13 Pyrene (C20.8)

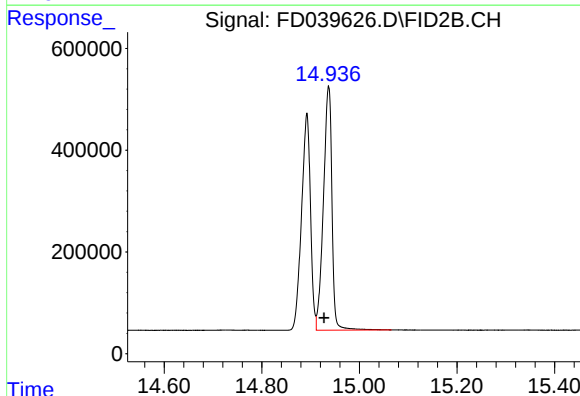
R.T.: 13.019 min
Delta R.T.: 0.007 min
Response: 6057131
Conc: 52.93 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



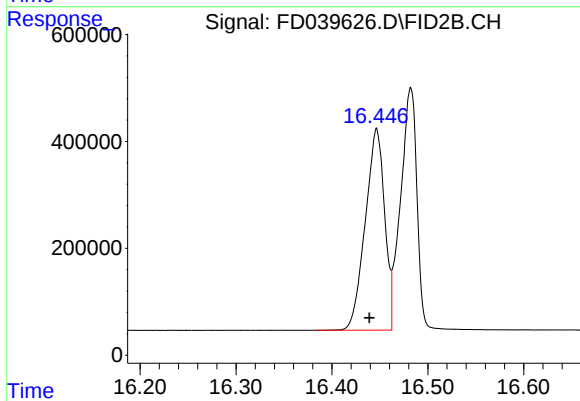
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.893 min
Delta R.T.: 0.006 min
Response: 5407702
Conc: 54.62 ug/ml



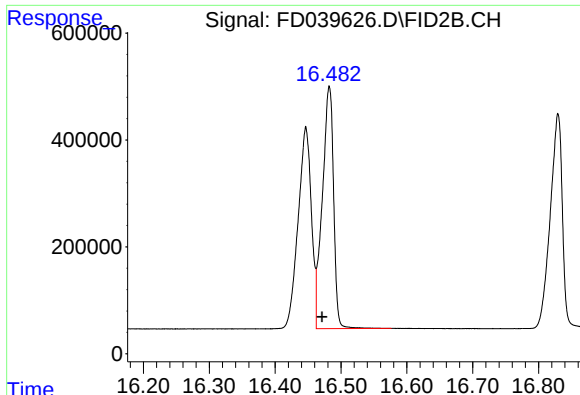
#15 Chrysene (C27.41)

R.T.: 14.937 min
Delta R.T.: 0.010 min
Response: 5811808
Conc: 51.33 ug/ml



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

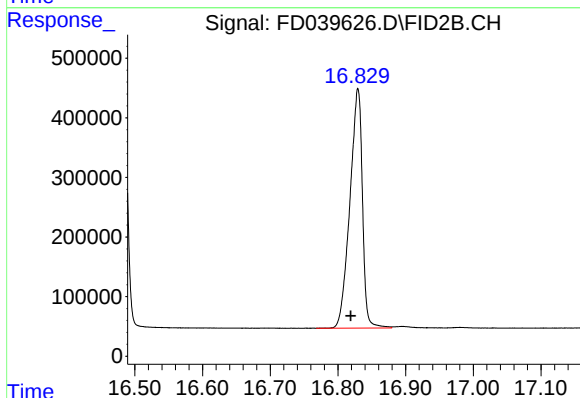
R.T.: 16.447 min
Delta R.T.: 0.007 min
Response: 5271702
Conc: 53.82 ug/ml



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

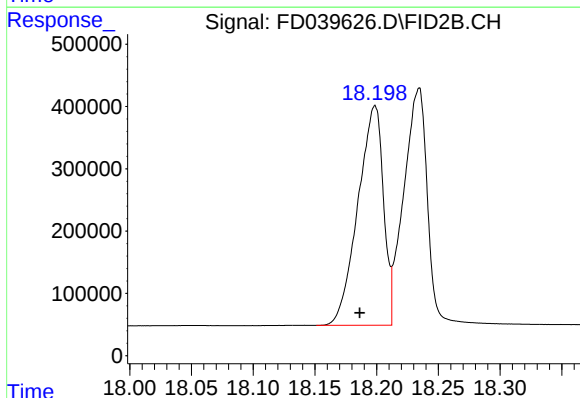
R.T.: 16.482 min
Delta R.T.: 0.011 min
Response: 5390418
Conc: 51.75 ug/ml

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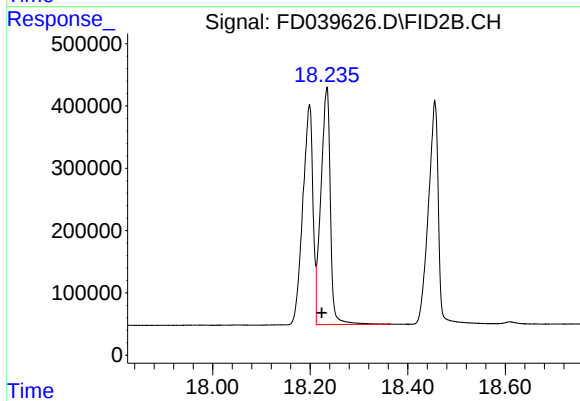
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.830 min
Delta R.T.: 0.010 min
Response: 5179702
Conc: 52.95 ug/ml



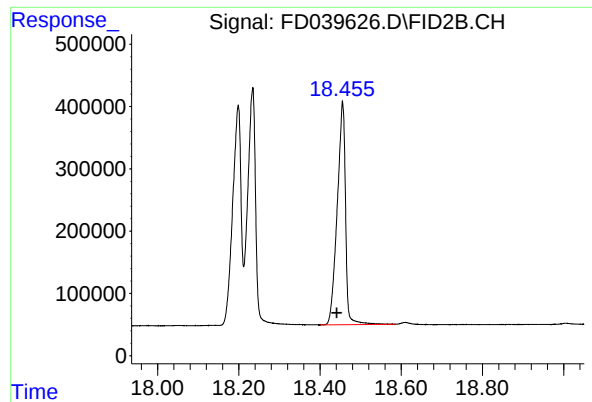
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.199 min
Delta R.T.: 0.012 min
Response: 5073807
Conc: 55.20 ug/ml



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

R.T.: 18.235 min
Delta R.T.: 0.011 min
Response: 5145293
Conc: 49.49 ug/ml



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

R.T.: 18.455 min
Delta R.T.: 0.014 min
Response: 5083739
Conc: 51.53 ug/ml

Instrument :
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ClientSampleId :
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