

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111221AR\
 Data File : FD039425.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 14:19
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Nov 12 23:10:24 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...	7.750	2446486	21.086 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
6) S 2-Fluorobiphenyl (SURR)	8.620	1592730	19.867 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.73%
11) S ortho-Terphenyl (SURR)	11.662	2571796	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	2755342	22.388 ug/ml
2) T Naphthalene (C11.7)	6.086	2785634	21.493 ug/ml
3) T 2-Methylnaphthalene (...)	7.141	2777098	20.910 ug/ml
5) T Acenaphthylene (C15.06)	8.421	2550161	20.662 ug/ml
7) T Acenaphthene (C15.5)	8.717	2710367	20.778 ug/ml
8) T Flouorene (C16.55)	9.500	2562191	19.788 ug/ml
9) T Phenanthrene (C19.36)	10.901	2455434	19.014 ug/ml
10) T Anthracene (C19.43)	10.976	2019110	15.783 ug/ml
12) T Fluoranthene (C21.85)	12.717	2370202	18.192 ug/ml
13) T Pyrene (C20.8)	13.016	2277695	18.011 ug/ml
14) T Benzo[a]anthracene (C...	14.889	2074366	17.538 ug/ml
15) T Chrysene (C27.41)	14.932	2236360	17.779 ug/ml
16) T benzo[b]fluoranthene ...	16.442	2166520	18.466 ug/ml
17) T Bnezo[k]fluoranthene ...	16.475	2194243	18.646 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.823	2077453	18.252 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.189	2113484	19.742 ug/ml
20) T Dibenz[a,h]anthracene...	18.227	2142481	20.095 ug/ml
21) T Benzo[g,h,i]perylene ...	18.445	2143065	20.308 ug/ml

(f)=RT Delta > 1/2 Window

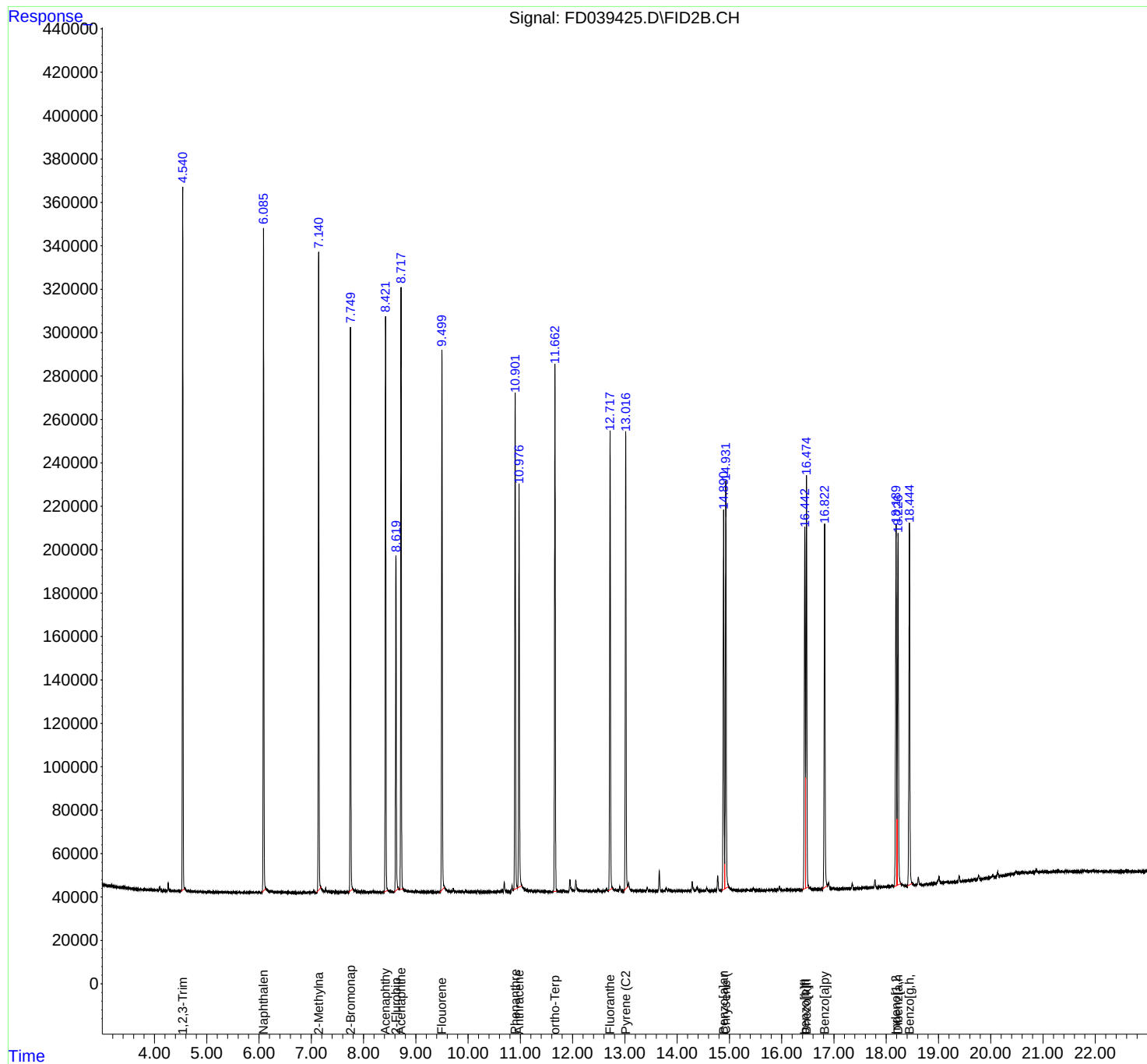
(m)=manual int.

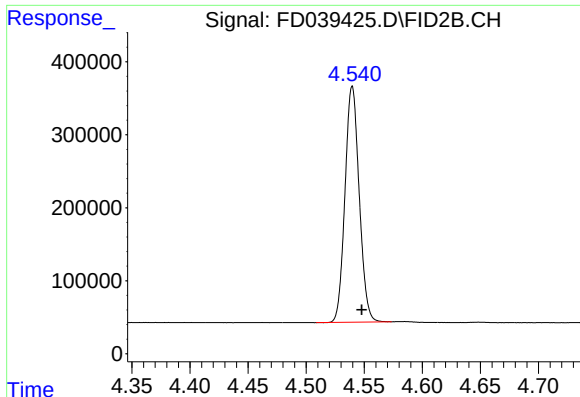
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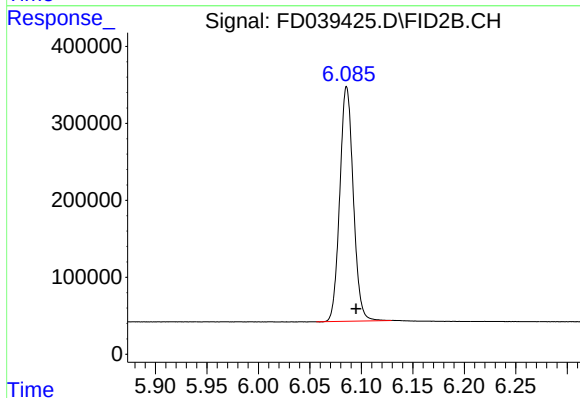




#1 1,2,3-Trimethylbenzene (C10.1)

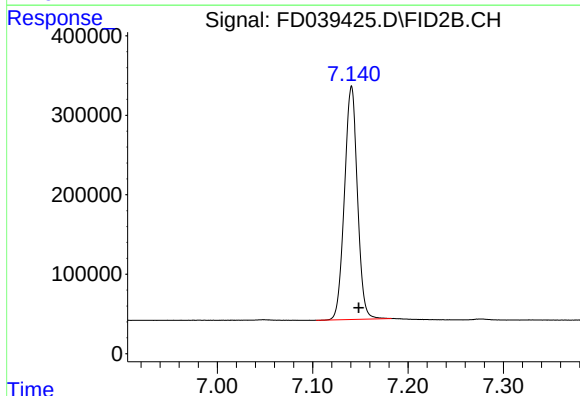
R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 2755342
Conc: 22.39 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



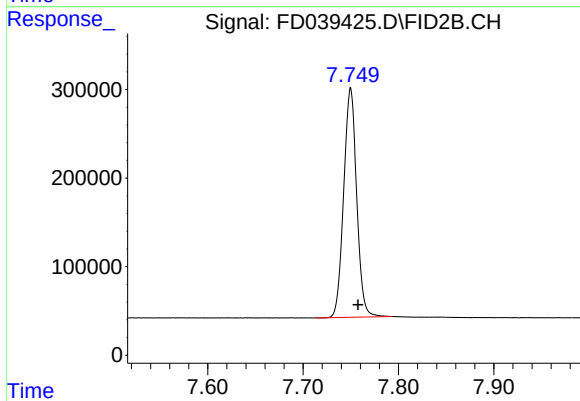
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 2785634
Conc: 21.49 ug/ml



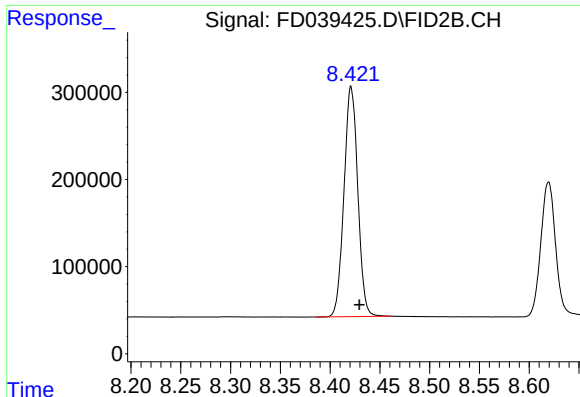
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.007 min
Response: 2777098
Conc: 20.91 ug/ml



#4 2-Bromonaphthalene (SURR)

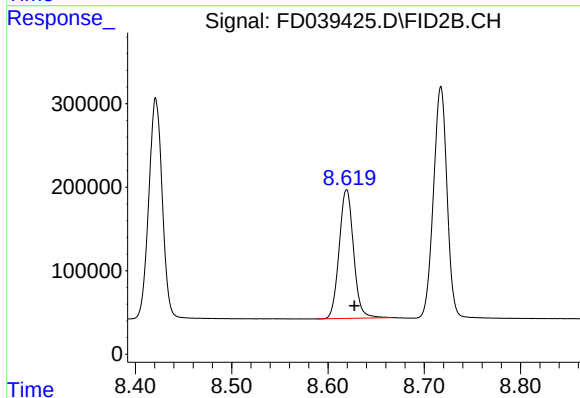
R.T.: 7.750 min
Delta R.T.: -0.008 min
Response: 2446486
Conc: 21.09 ug/ml



#5 Acenaphthylene (C15.06)

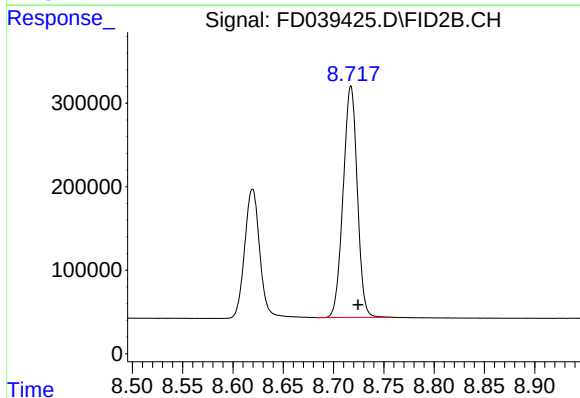
R.T.: 8.421 min
Delta R.T.: -0.008 min
Response: 2550161
Conc: 20.66 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



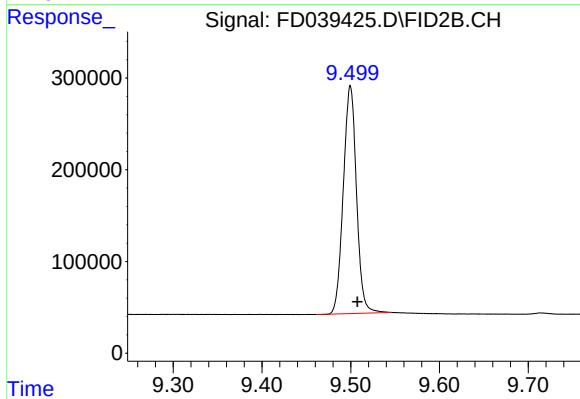
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 1592730
Conc: 19.87 ug/ml



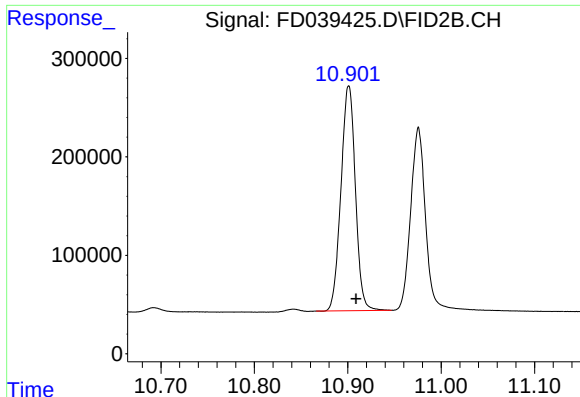
#7 Acenaphthene (C15.5)

R.T.: 8.717 min
Delta R.T.: -0.007 min
Response: 2710367
Conc: 20.78 ug/ml



#8 Fluorene (C16.55)

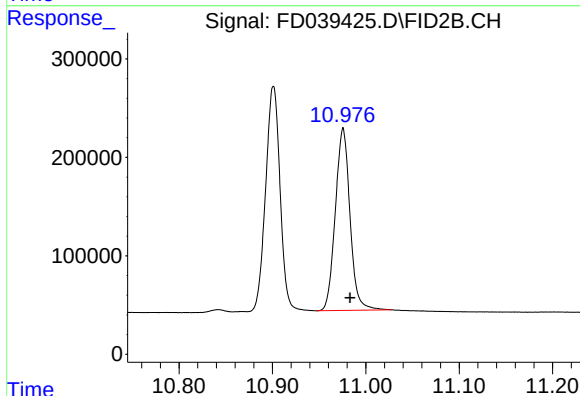
R.T.: 9.500 min
Delta R.T.: -0.008 min
Response: 2562191
Conc: 19.79 ug/ml



#9 Phenanthrene (C19.36)

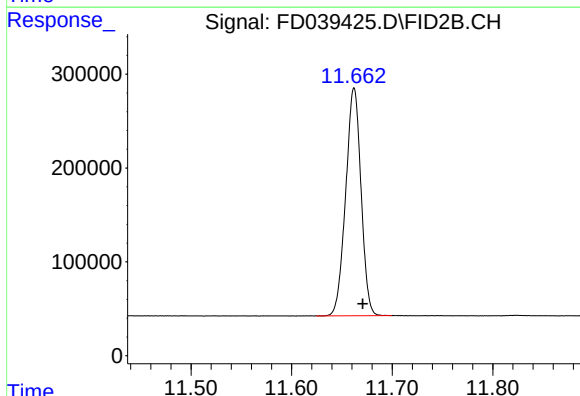
R.T.: 10.901 min
Delta R.T.: -0.008 min
Response: 2455434
Conc: 19.01 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



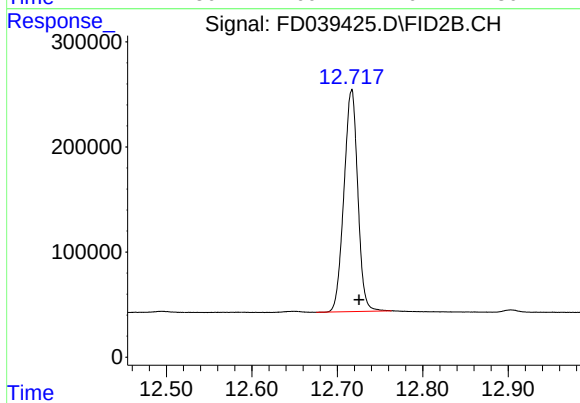
#10 Anthracene (C19.43)

R.T.: 10.976 min
Delta R.T.: -0.007 min
Response: 2019110
Conc: 15.78 ug/ml



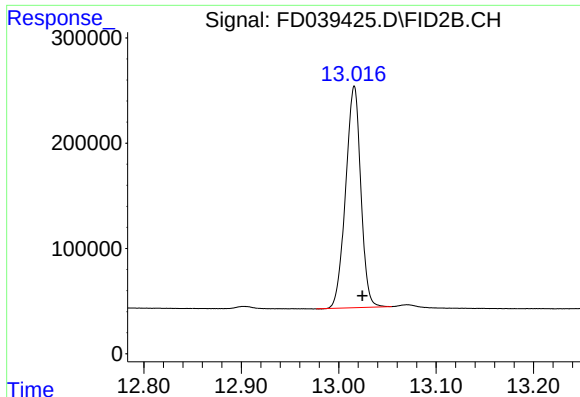
#11 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.008 min
Response: 2571796
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

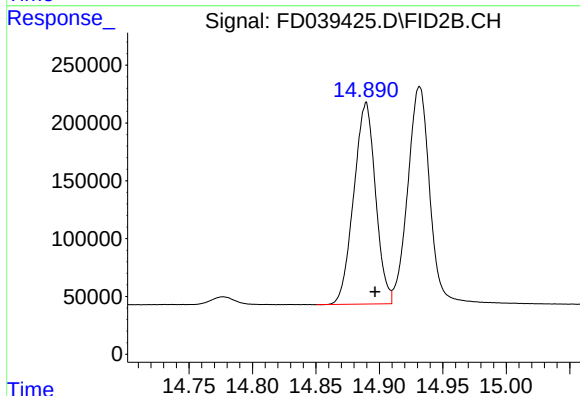
R.T.: 12.717 min
Delta R.T.: -0.008 min
Response: 2370202
Conc: 18.19 ug/ml



#13 Pyrene (C20.8)

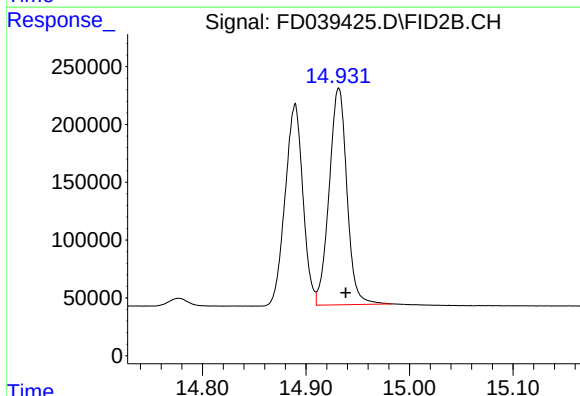
R.T.: 13.016 min
Delta R.T.: -0.008 min
Response: 2277695
Conc: 18.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



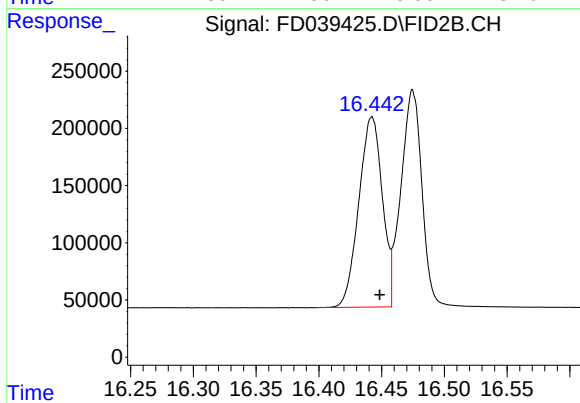
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.889 min
Delta R.T.: -0.007 min
Response: 2074366
Conc: 17.54 ug/ml



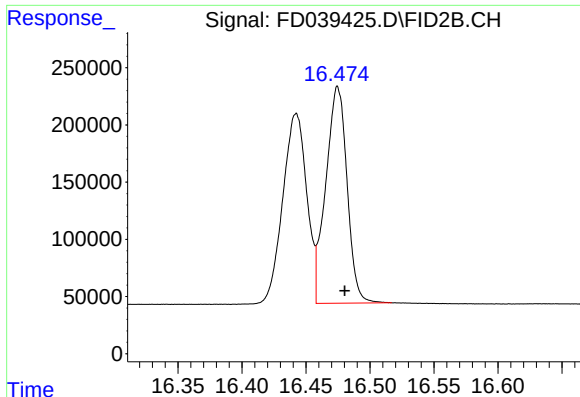
#15 Chrysene (C27.41)

R.T.: 14.932 min
Delta R.T.: -0.007 min
Response: 2236360
Conc: 17.78 ug/ml



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

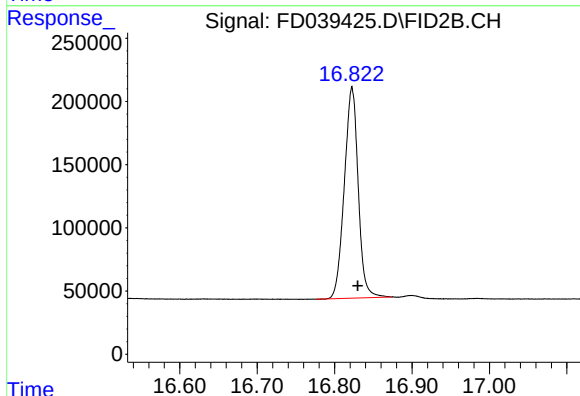
R.T.: 16.442 min
Delta R.T.: -0.006 min
Response: 2166520
Conc: 18.47 ug/ml



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

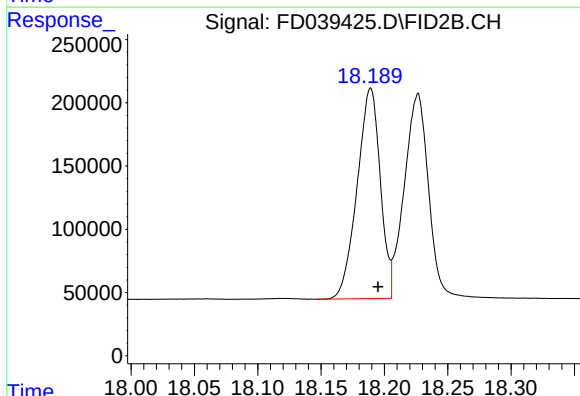
R.T.: 16.475 min
Delta R.T.: -0.005 min
Response: 2194243
Conc: 18.65 ug/ml

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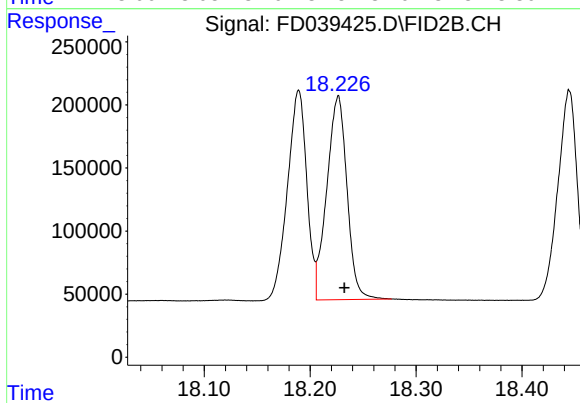
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.823 min
Delta R.T.: -0.007 min
Response: 2077453
Conc: 18.25 ug/ml



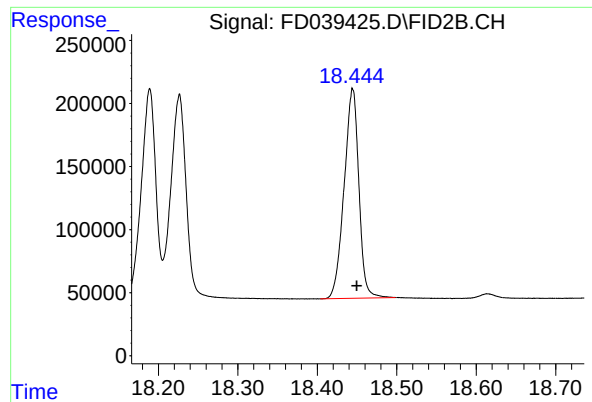
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.189 min
Delta R.T.: -0.006 min
Response: 2113484
Conc: 19.74 ug/ml



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

R.T.: 18.227 min
Delta R.T.: -0.006 min
Response: 2142481
Conc: 20.10 ug/ml



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

R.T.: 18.445 min
Delta R.T.: -0.005 min
Response: 2143065
Conc: 20.31 ug/ml

Instrument :

FID_D

ClientSampleId :

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