

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
 Data File : FD042802.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 10:13
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 08 06:15:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.663	3242871	21.221 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
6) S 2-Fluorobiphenyl (SURR)	8.528	2139829	20.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.61%
11) S ortho-Terphenyl (SURR)	11.576	3519519	19.826 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.454	3632739	21.697 ug/ml
2) T Naphthalene (C11.7)	5.997	3711269	21.465 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	3394749	21.288 ug/ml
5) T Acenaphthylene (C15.06)	8.331	3541840	20.500 ug/ml
7) T Acenaphthene (C15.5)	8.627	3550368	20.634 ug/ml
8) T Flouorene (C16.55)	9.409	3453478	20.571 ug/ml
9) T Phenanthrene (C19.36)	10.808	3262461	19.840 ug/ml
10) T Anthracene (C19.43)	10.883	2978452	19.487 ug/ml
12) T Fluoranthene (C21.85)	12.622	2972330	18.866 ug/ml
13) T Pyrene (C20.8)	12.919	2898347	18.616 ug/ml
14) T Benzo[a]anthracene (C...	14.792	2643092	19.823 ug/ml
15) T Chrysene (C27.41)	14.834	2637304	19.962 ug/ml
16) T benzo[b]fluoranthene ...	16.344	2744016	20.598 ug/ml
17) T Bnezo[k]fluoranthene ...	16.376	2611674	21.086 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.723	2629730	21.247 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.088	2495164	22.386 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	2671889	24.020 ug/ml
21) T Benzo[g,h,i]perylene ...	18.344	2654235	22.331 ug/ml

(f)=RT Delta > 1/2 Window

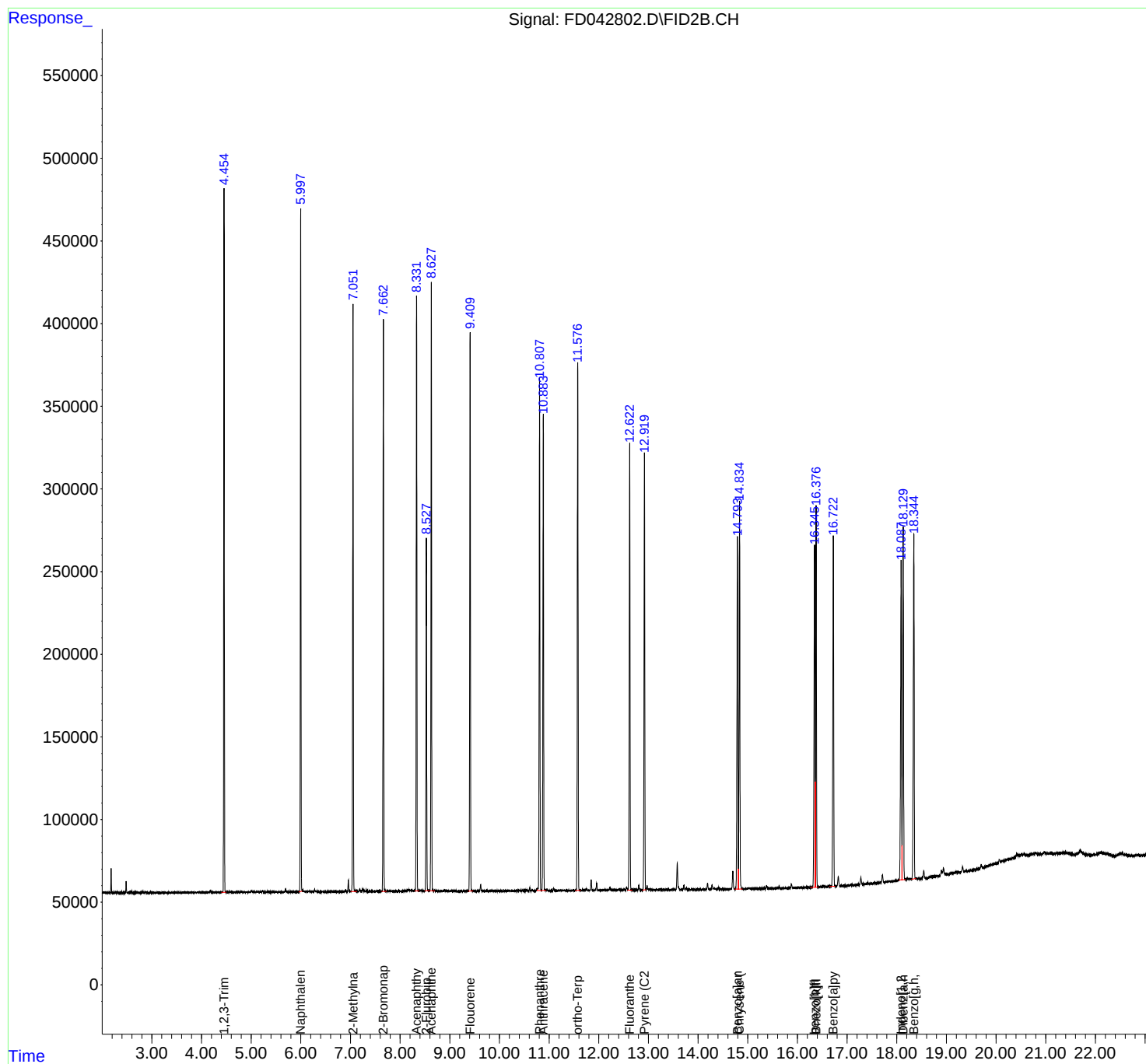
(m)=manual int.

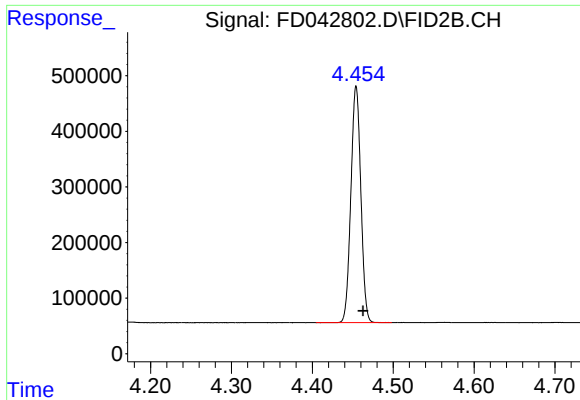
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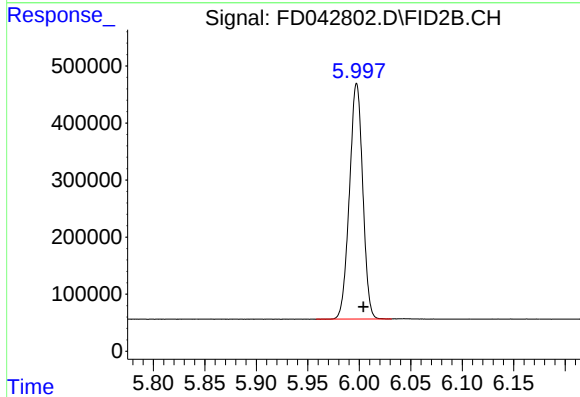




#1 1,2,3-Trimethylbenzene (C10.1)

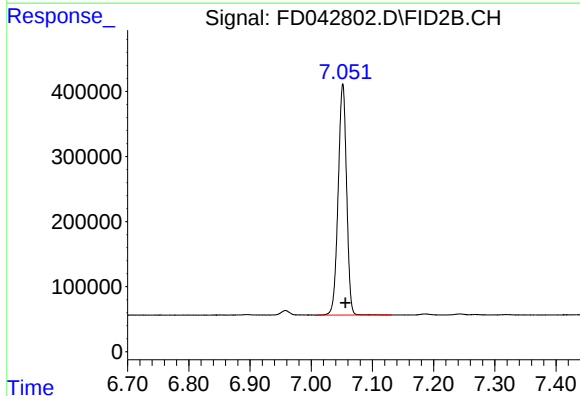
R.T.: 4.454 min
Delta R.T.: -0.009 min
Response: 3632739
Conc: 21.70 ug/ml

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20 PPM AROMATIC HC STD



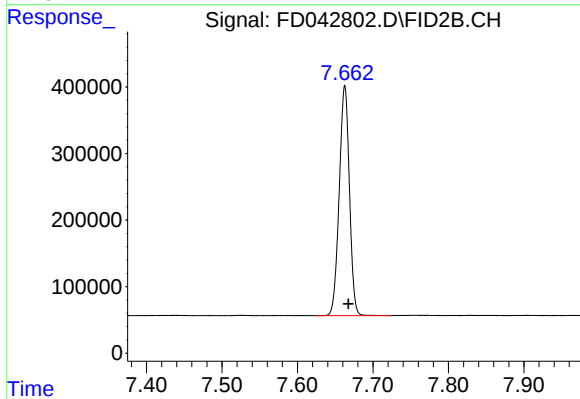
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3711269
Conc: 21.47 ug/ml



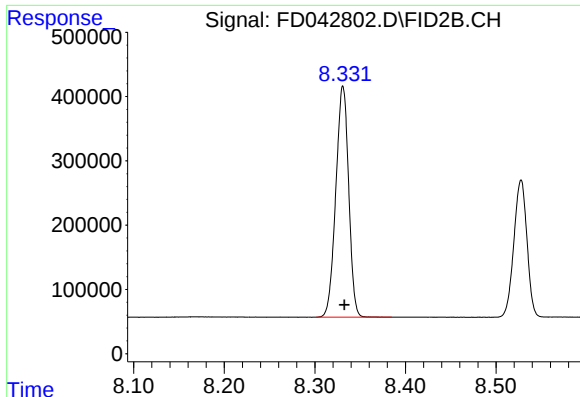
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 3394749
Conc: 21.29 ug/ml



#4 2-Bromonaphthalene (SURR)

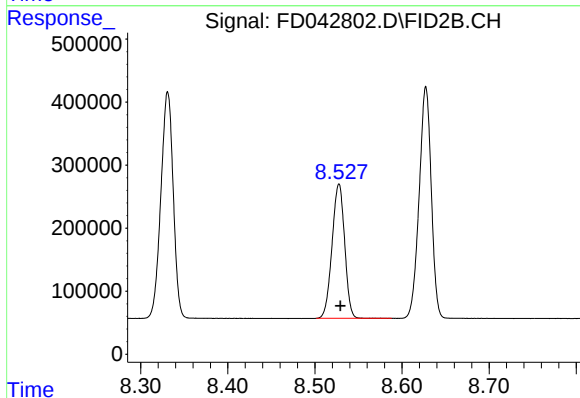
R.T.: 7.663 min
Delta R.T.: -0.005 min
Response: 3242871
Conc: 21.22 ug/ml



#5 Acenaphthylene (C15.06)

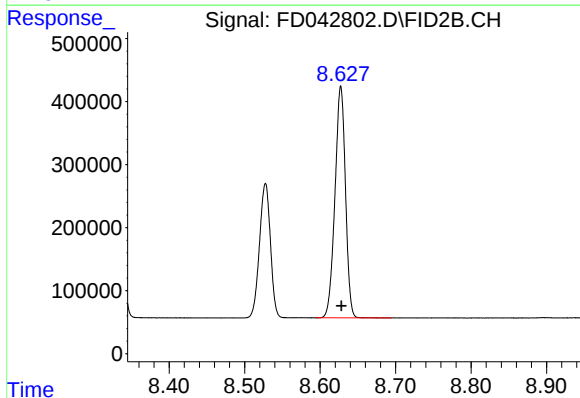
R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 3541840
Conc: 20.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



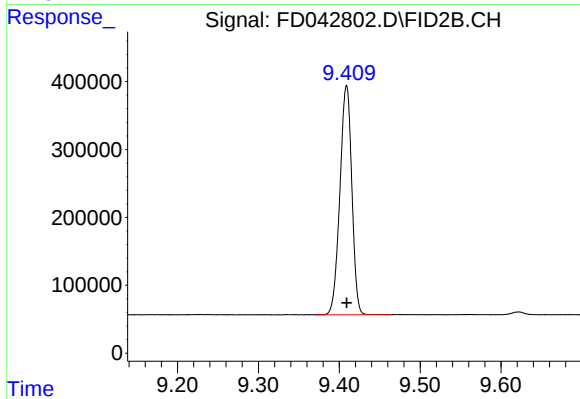
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 2139829
Conc: 20.81 ug/ml



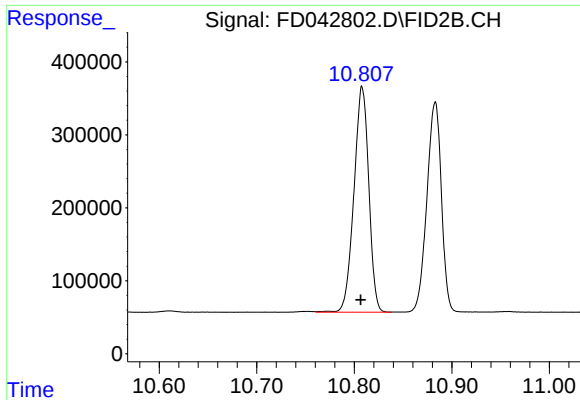
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 3550368
Conc: 20.63 ug/ml



#8 Fluorene (C16.55)

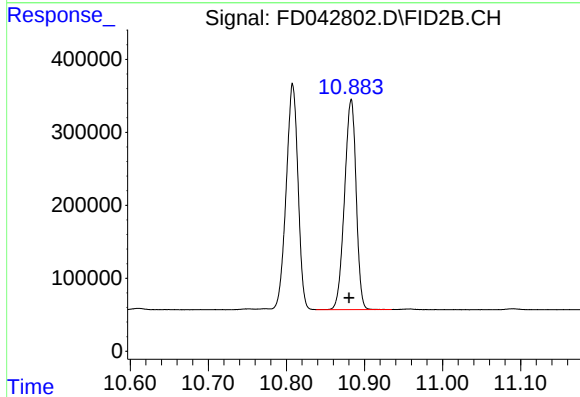
R.T.: 9.409 min
Delta R.T.: 0.000 min
Response: 3453478
Conc: 20.57 ug/ml



#9 Phenanthrene (C19.36)

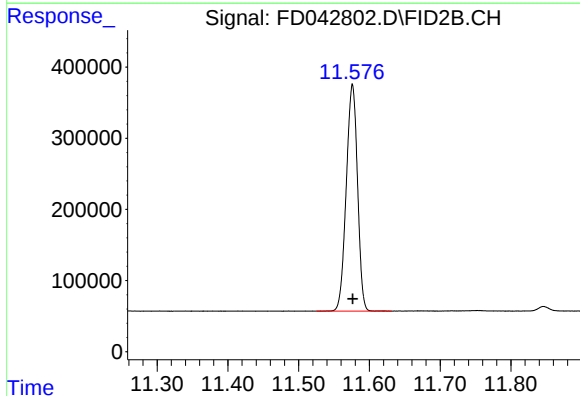
R.T.: 10.808 min
Delta R.T.: 0.002 min
Response: 3262461
Conc: 19.84 ug/ml

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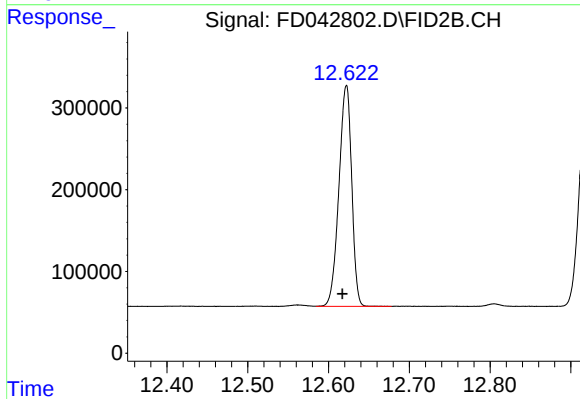
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2978452
Conc: 19.49 ug/ml



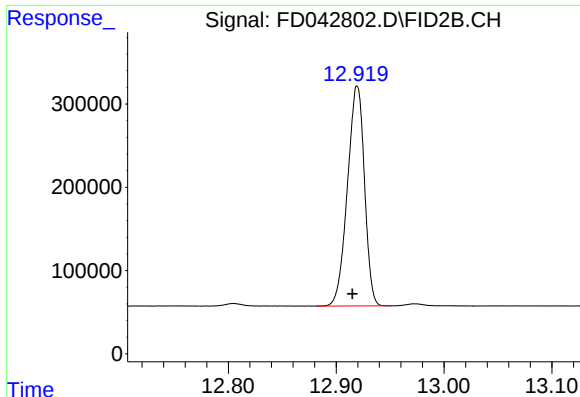
#11 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 3519519
Conc: 19.83 ug/ml



#12 Fluoranthene (C21.85)

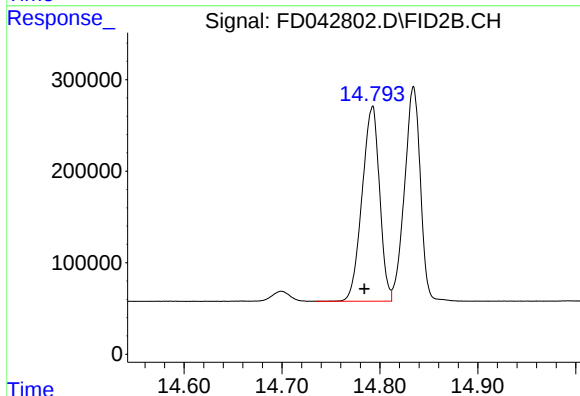
R.T.: 12.622 min
Delta R.T.: 0.004 min
Response: 2972330
Conc: 18.87 ug/ml



#13 Pyrene (C20.8)

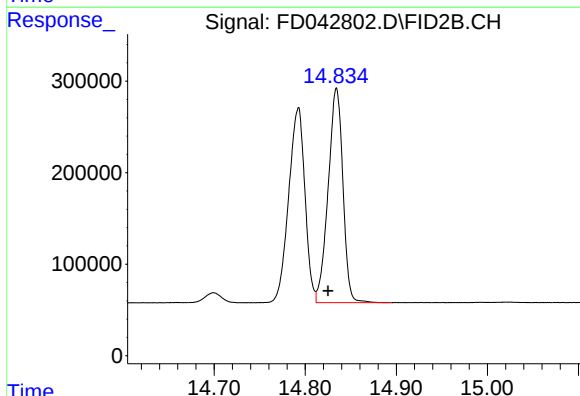
R.T.: 12.919 min
Delta R.T.: 0.004 min
Response: 2898347
Conc: 18.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



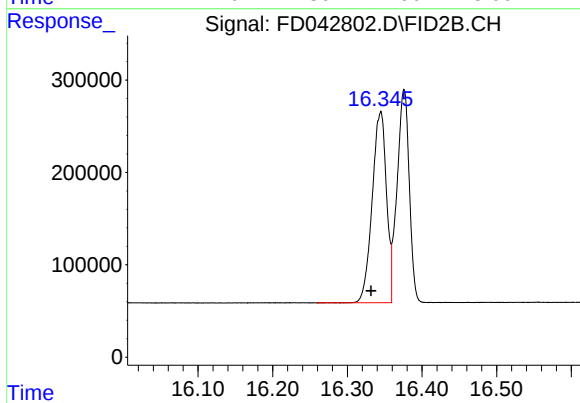
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.792 min
Delta R.T.: 0.008 min
Response: 2643092
Conc: 19.82 ug/ml



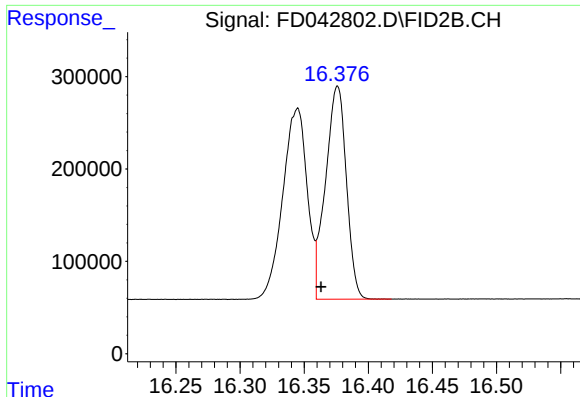
#15 Chrysene (C27.41)

R.T.: 14.834 min
Delta R.T.: 0.009 min
Response: 2637304
Conc: 19.96 ug/ml



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

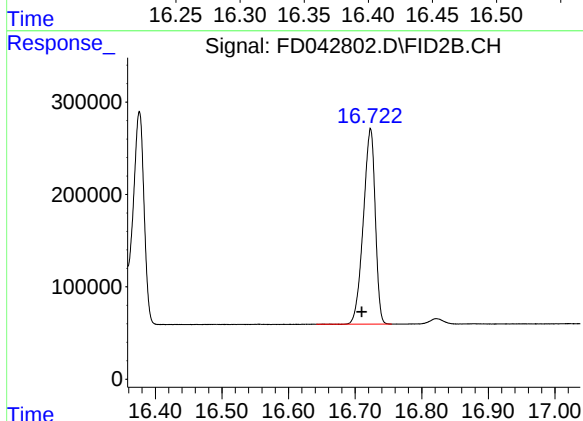
R.T.: 16.344 min
Delta R.T.: 0.012 min
Response: 2744016
Conc: 20.60 ug/ml



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

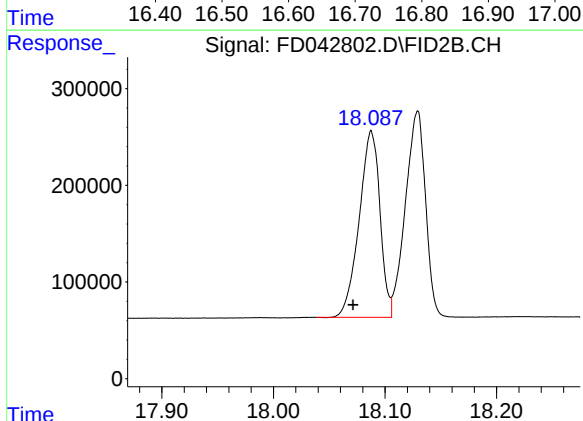
R.T.: 16.376 min
Delta R.T.: 0.013 min
Response: 2611674
Conc: 21.09 ug/ml

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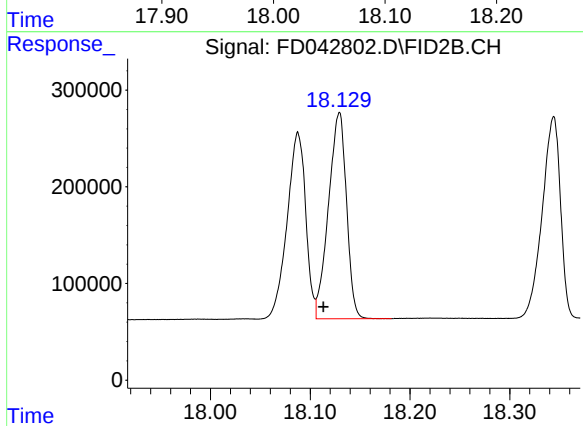
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.723 min
Delta R.T.: 0.013 min
Response: 2629730
Conc: 21.25 ug/ml



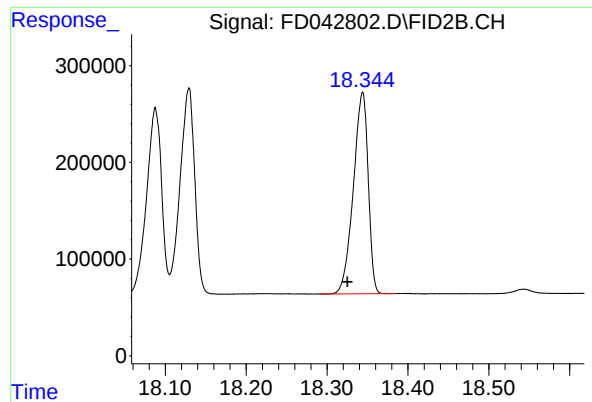
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.088 min
Delta R.T.: 0.016 min
Response: 2495164
Conc: 22.39 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.015 min
Response: 2671889
Conc: 24.02 ug/ml



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

R.T.: 18.344 min
Delta R.T.: 0.018 min
Response: 2654235
Conc: 22.33 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD