

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AR\
 Data File : FD028495.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2019 5:07
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 26 06:53:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.121	1797862	18.950 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
6) S 2-Fluorobiphenyl (SURR)	7.989	1243370	19.072 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.14%
11) S ortho-Terphenyl (SURR)	11.029	2152397	19.345 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.941	1852658	18.939 ug/ml
2) T Naphthalene (C11.7)	5.465	2011303	18.879 ug/ml
3) T 2-Methylnaphthalene (...)	6.513	2024021	18.919 ug/ml
5) T Acenaphthylene (C15.06)	7.792	1968240	19.007 ug/ml
7) T Acenaphthene (C15.5)	8.087	2065199	19.038 ug/ml
8) T Fluorene (C16.55)	8.868	2081905	19.150 ug/ml
9) T Phenanthrene (C19.36)	10.267	2101767	19.409 ug/ml
10) T Anthracene (C19.43)	10.341	2074922	19.315 ug/ml
12) T Fluoranthene (C21.85)	12.079	2102022	19.442 ug/ml
13) T Pyrene (C20.8)	12.378	2095938	19.463 ug/ml
14) T Benzo[a]anthracene (C...	14.246	2045810	19.512 ug/ml
15) T Chrysene (C27.41)	14.288	2041039	19.493 ug/ml
16) T benzo[b]fluoranthene ...	15.794	2100318	19.378 ug/ml
17) T Bnezo[k]fluoranthene ...	15.826	2088820	19.465 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.174	2097953	19.389 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.536	2137432	19.341 ug/ml
20) T Dibenz[a,h]anthracene...	17.574	2117972	19.703 ug/ml
21) T Benzo[g,h,i]perylene ...	17.792	2110499	19.474 ug/ml

(f)=RT Delta > 1/2 Window

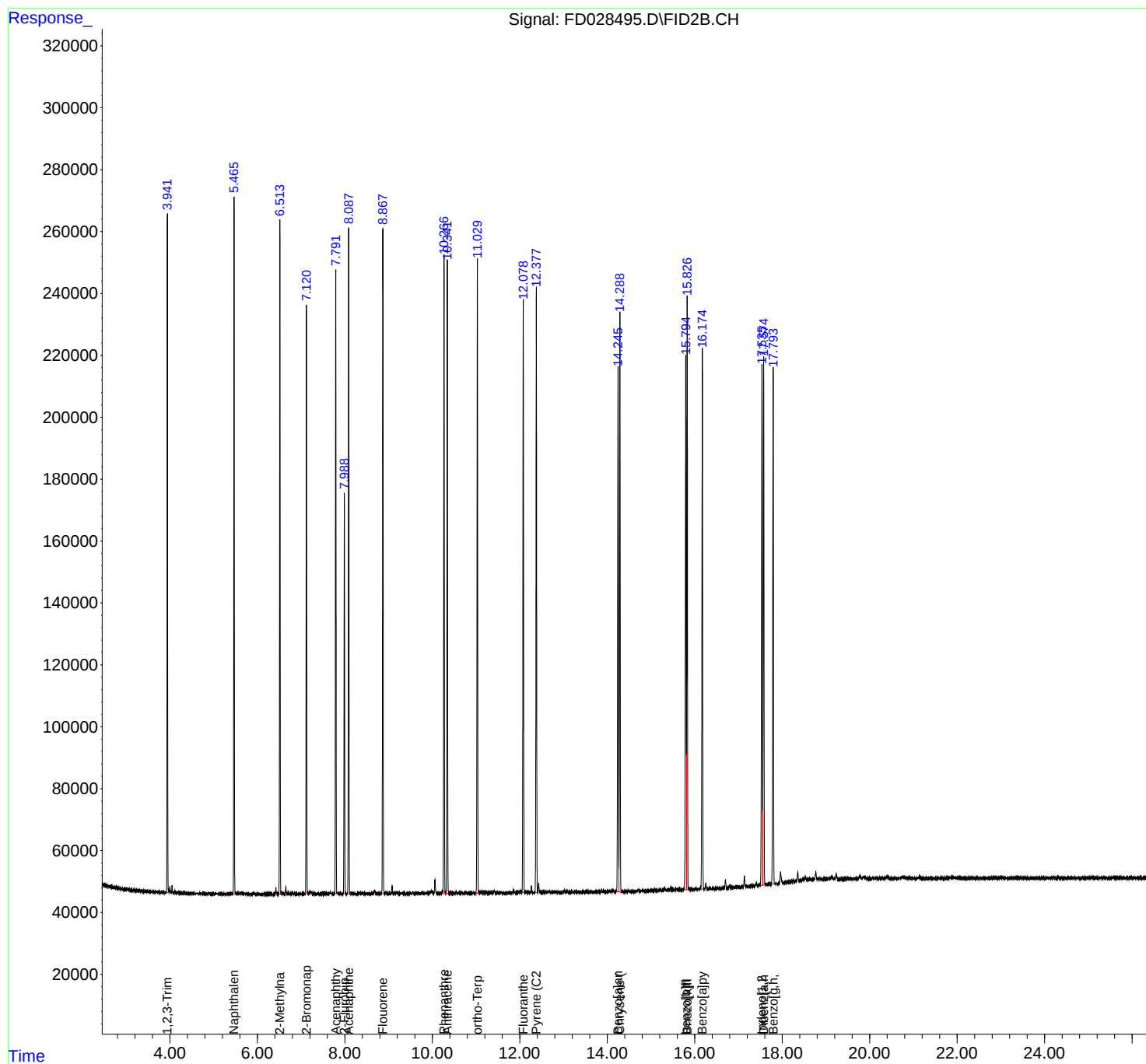
(m)=manual int.

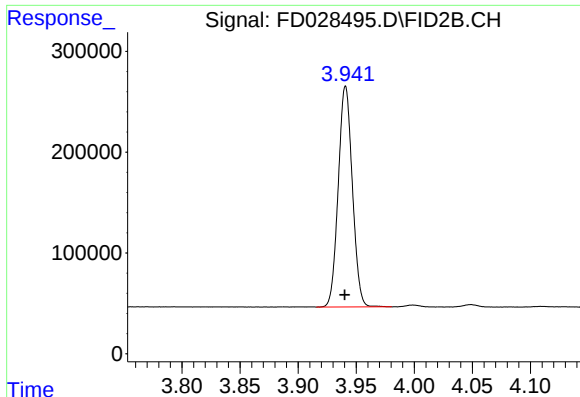
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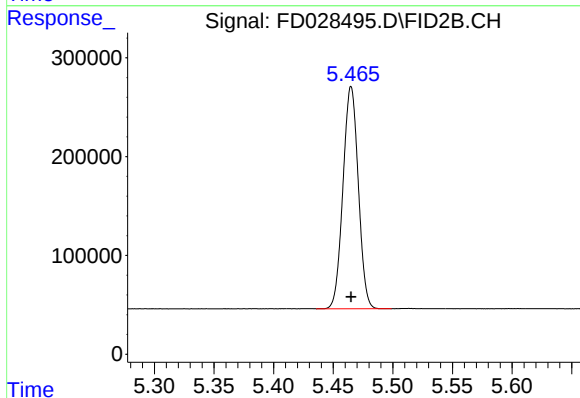




#1 1,2,3-Trimethylbenzene (C10.1)

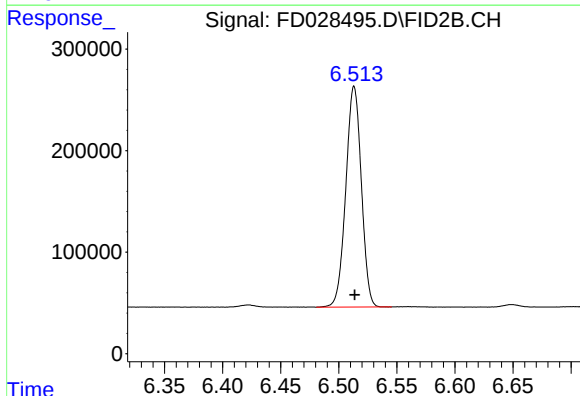
R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 1852658
Conc: 18.94 ug/ml

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20 PPM AROMATIC HC STD



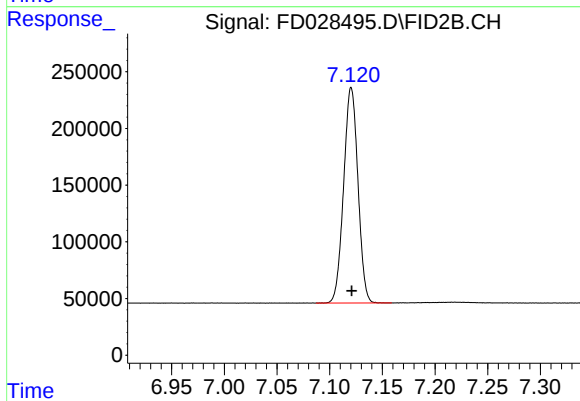
#2 Naphthalene (C11.7)

R.T.: 5.465 min
Delta R.T.: 0.000 min
Response: 2011303
Conc: 18.88 ug/ml



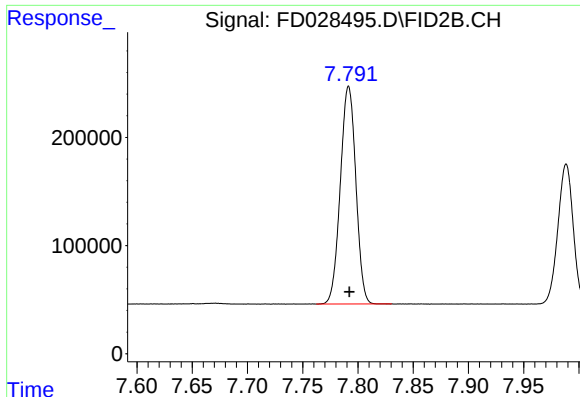
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2024021
Conc: 18.92 ug/ml



#4 2-Bromonaphthalene (SURR)

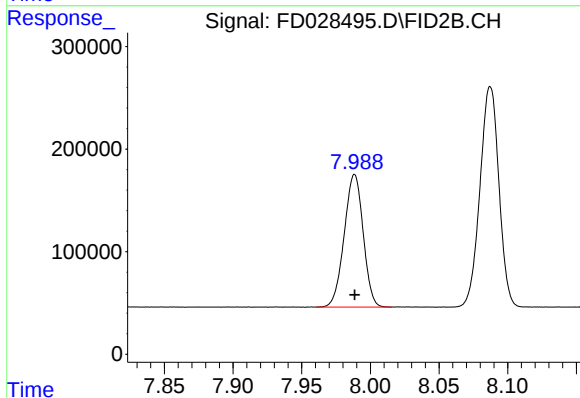
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 1797862
Conc: 18.95 ug/ml



#5 Acenaphthylene (C15.06)

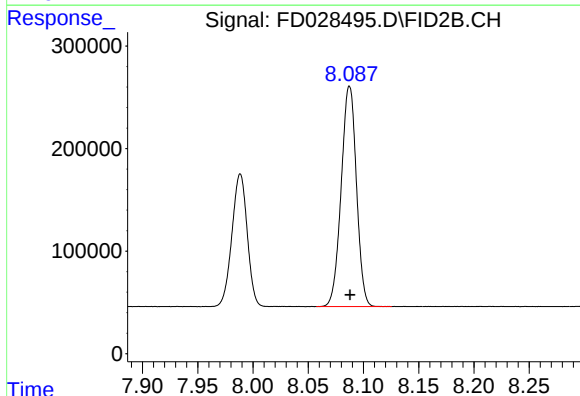
R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 1968240
Conc: 19.01 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



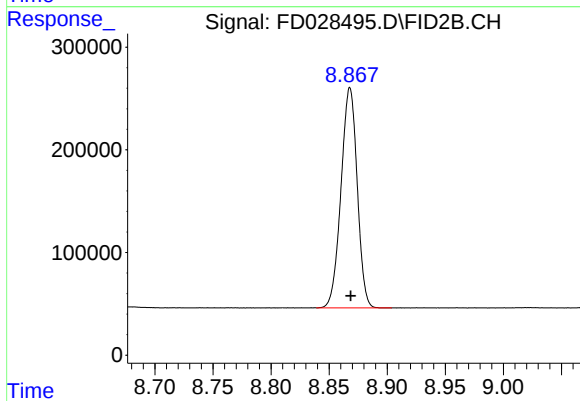
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 1243370
Conc: 19.07 ug/ml



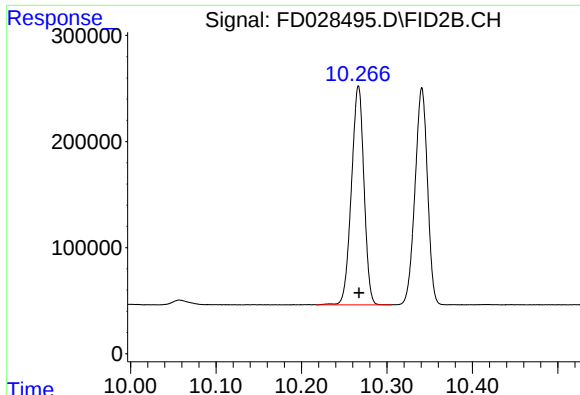
#7 Acenaphthene (C15.5)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 2065199
Conc: 19.04 ug/ml



#8 Flouorene (C16.55)

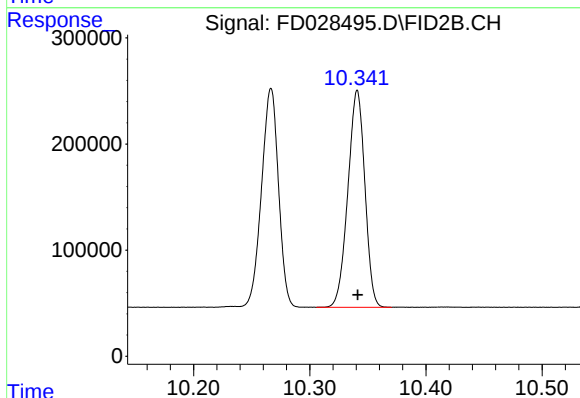
R.T.: 8.868 min
Delta R.T.: 0.000 min
Response: 2081905
Conc: 19.15 ug/ml



#9 Phenanthrene (C19.36)

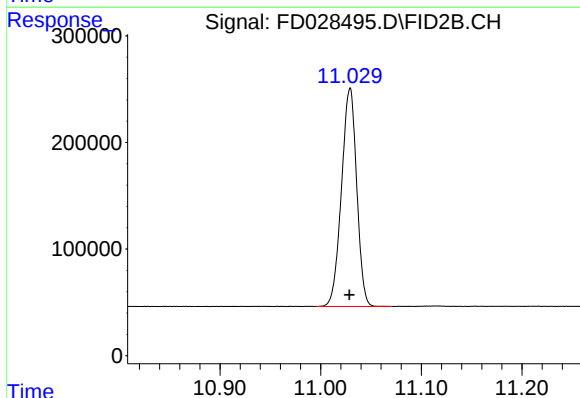
R.T.: 10.267 min
Delta R.T.: 0.000 min
Response: 2101767
Conc: 19.41 ug/ml

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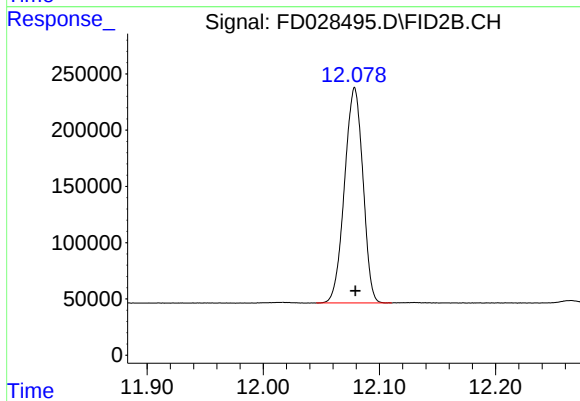
#10 Anthracene (C19.43)

R.T.: 10.341 min
Delta R.T.: 0.000 min
Response: 2074922
Conc: 19.32 ug/ml



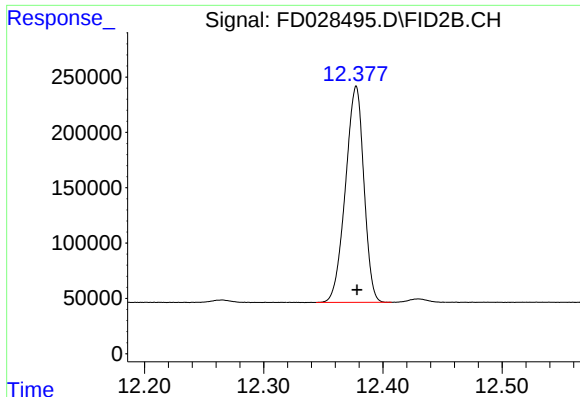
#11 ortho-Terphenyl (SURR)

R.T.: 11.029 min
Delta R.T.: 0.000 min
Response: 2152397
Conc: 19.34 ug/ml



#12 Fluoranthene (C21.85)

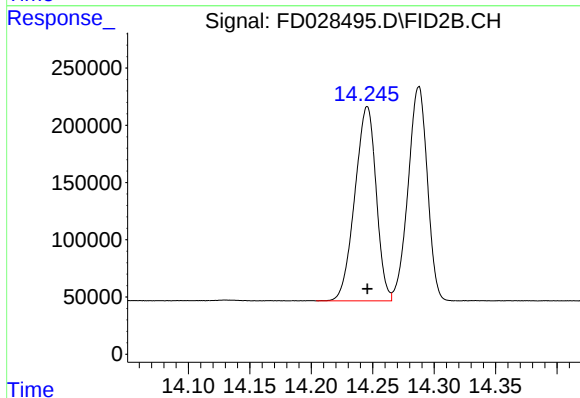
R.T.: 12.079 min
Delta R.T.: 0.000 min
Response: 2102022
Conc: 19.44 ug/ml



#13 Pyrene (C20.8)

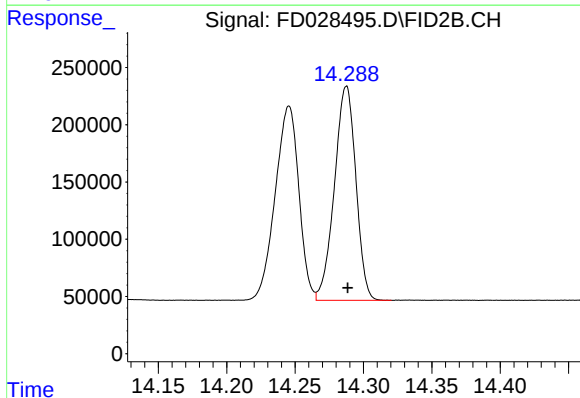
R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 2095938
Conc: 19.46 ug/ml

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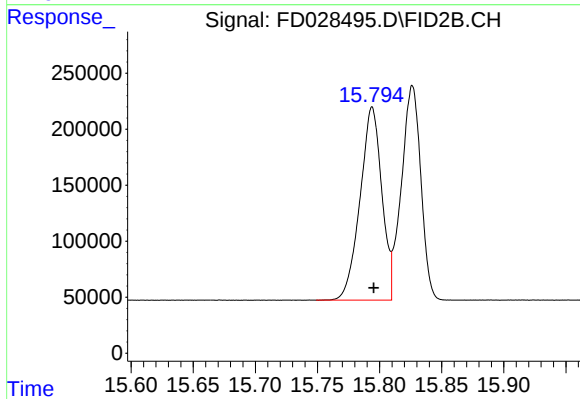
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.246 min
Delta R.T.: 0.000 min
Response: 2045810
Conc: 19.51 ug/ml



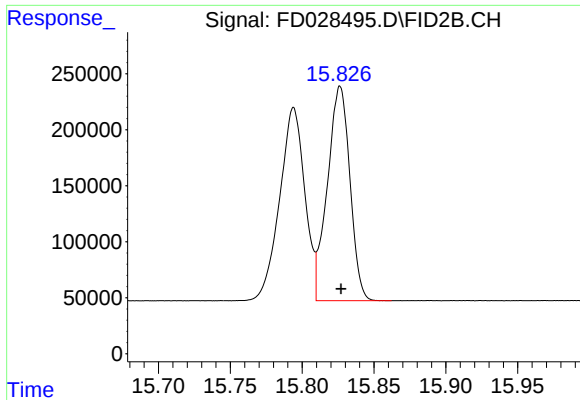
#15 Chrysene (C27.41)

R.T.: 14.288 min
Delta R.T.: 0.000 min
Response: 2041039
Conc: 19.49 ug/ml



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

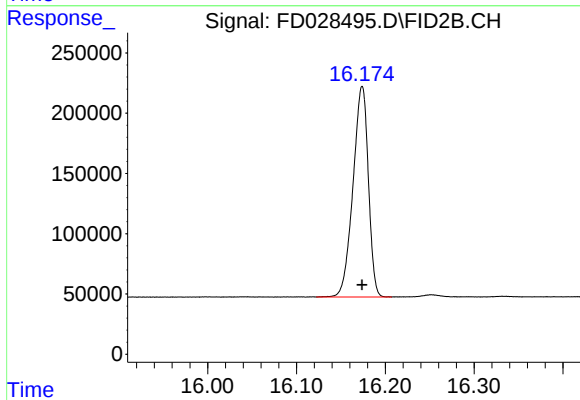
R.T.: 15.794 min
Delta R.T.: -0.001 min
Response: 2100318
Conc: 19.38 ug/ml



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

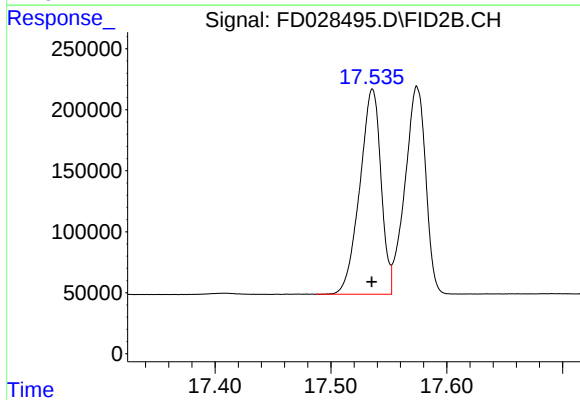
R.T.: 15.826 min
Delta R.T.: 0.000 min
Response: 2088820
Conc: 19.46 ug/ml

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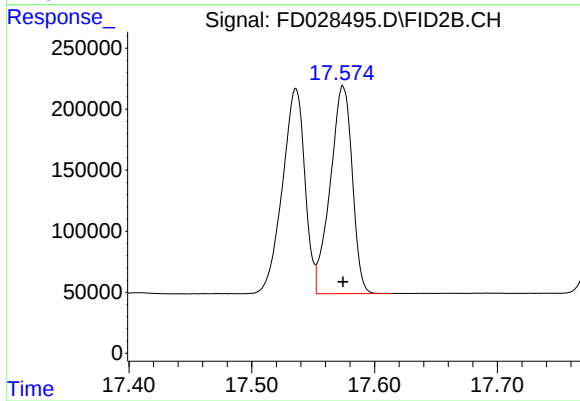
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.174 min
Delta R.T.: 0.000 min
Response: 2097953
Conc: 19.39 ug/ml



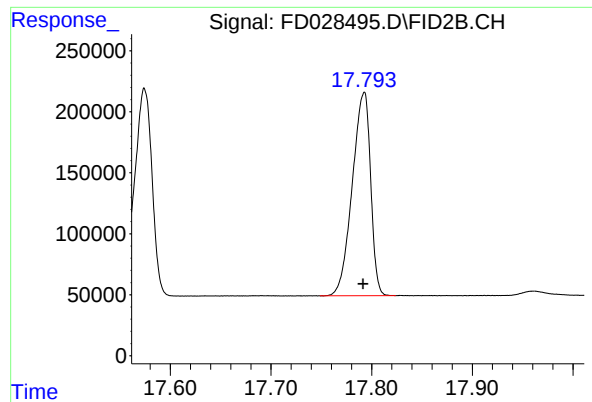
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.536 min
Delta R.T.: 0.000 min
Response: 2137432
Conc: 19.34 ug/ml



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

R.T.: 17.574 min
Delta R.T.: 0.000 min
Response: 2117972
Conc: 19.70 ug/ml



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

R.T.: 17.792 min
Delta R.T.: 0.001 min
Response: 2110499
Conc: 19.47 ug/ml

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