

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039893.D
 Signal(s) : FID2B.CH
 Acq On : 14 Dec 2021 21:01
 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: Dec 15 10:26:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 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...	6.943	2597456	18.269 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
6) S 2-Fluorobiphenyl (SURR)	7.799	1797684	18.298 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.60%
11) S ortho-Terphenyl (SURR)	10.842	2807971	18.445 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.775	2747386	18.142 ug/ml
2) T Naphthalene (C11.7)	5.287	2922604	18.185 ug/ml
3) T 2-Methylnaphthalene (...)	6.332	2965230	18.250 ug/ml
5) T Acenaphthylene (C15.06)	7.604	2735926	18.289 ug/ml
7) T Acenaphthene (C15.5)	7.898	2910985	18.321 ug/ml
8) T Flouorene (C16.55)	8.678	2893863	18.392 ug/ml
9) T Phenanthrene (C19.36)	10.071	2858434	18.422 ug/ml
10) T Anthracene (C19.43)	10.144	2748362	18.413 ug/ml
12) T Fluoranthene (C21.85)	11.878	2833680	18.526 ug/ml
13) T Pyrene (C20.8)	12.173	2752582	18.466 ug/ml
14) T Benzo[a]anthracene (C...	14.042	2504684	18.563 ug/ml
15) T Chrysene (C27.41)	14.085	2610862	18.567 ug/ml
16) T benzo[b]fluoranthene ...	15.590	2491335	18.570 ug/ml
17) T Bnezo[k]fluoranthene ...	15.622	2482054	18.344 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.966	2409789	18.586 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.327	2263362	18.480 ug/ml
20) T Dibenz[a,h]anthracene...	17.370	2430585	19.823 ug/ml
21) T Benzo[g,h,i]perylene ...	17.581	2313769	18.522 ug/ml

(f)=RT Delta > 1/2 Window

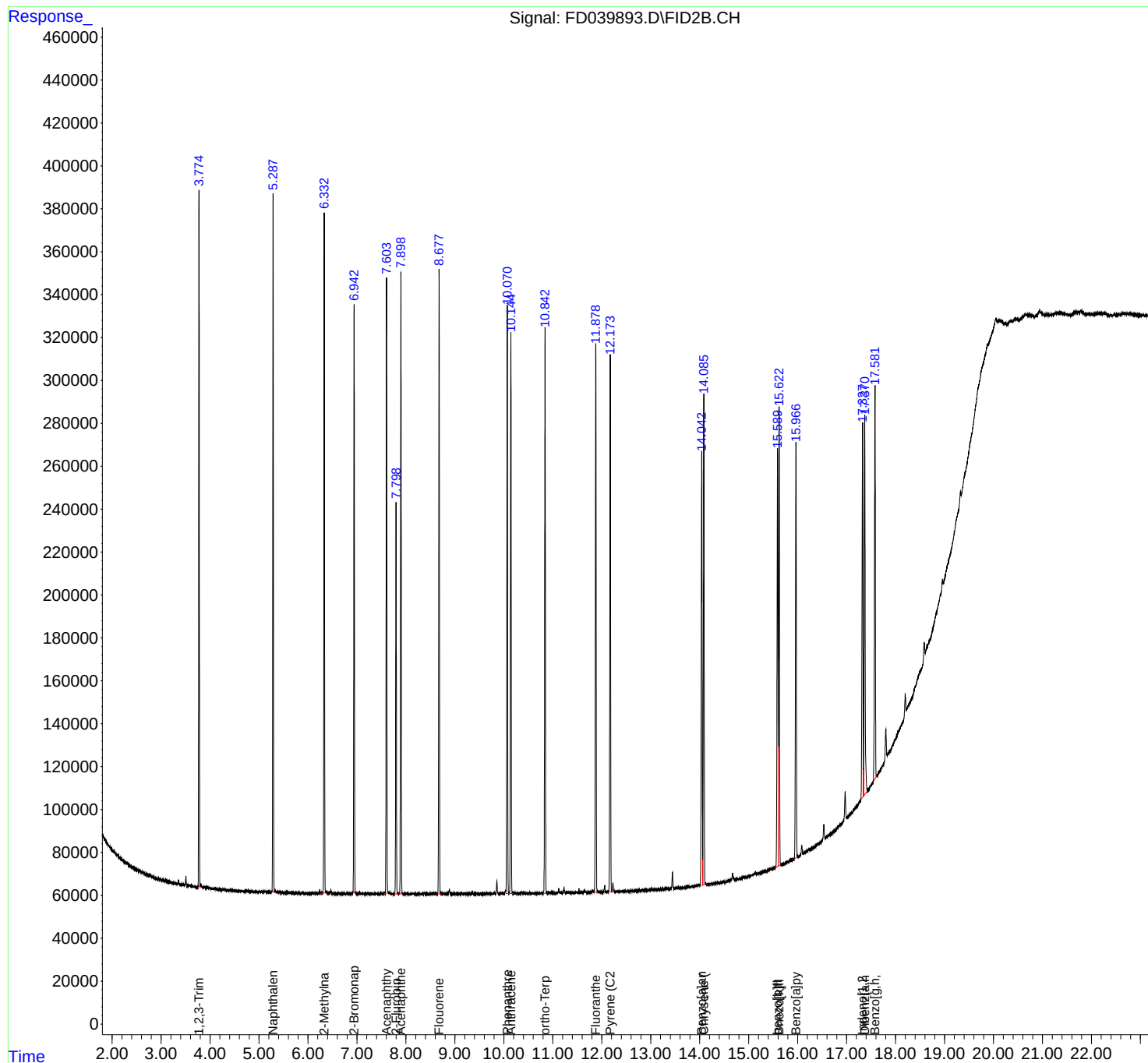
(m)=manual int.

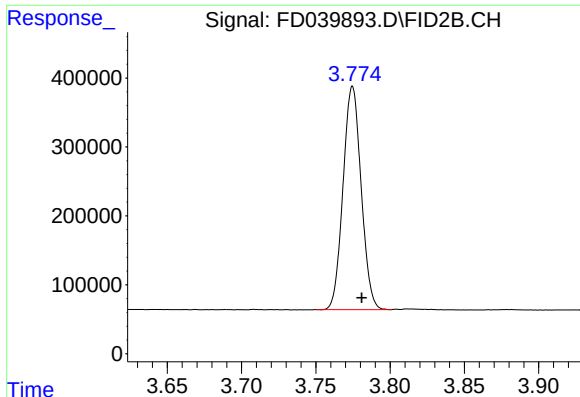
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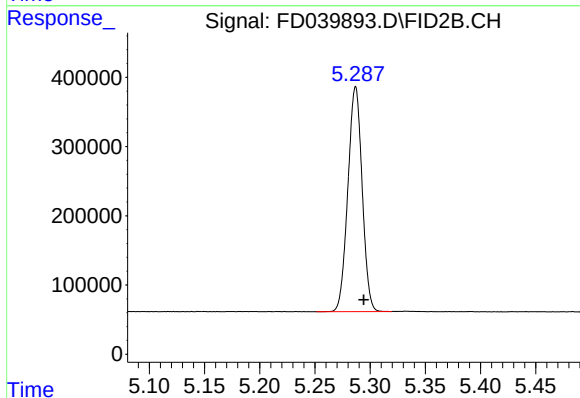




#1 1,2,3-Trimethylbenzene (C10.1)

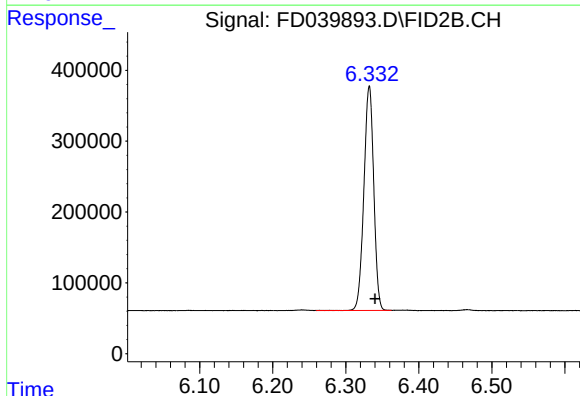
R.T.: 3.775 min
Delta R.T.: -0.006 min
Response: 2747386
Conc: 18.14 ug/ml

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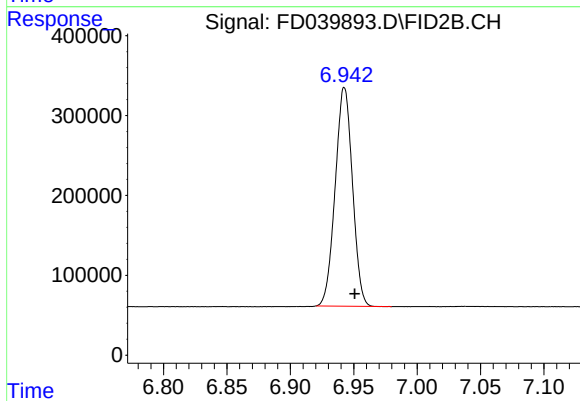
#2 Naphthalene (C11.7)

R.T.: 5.287 min
Delta R.T.: -0.007 min
Response: 2922604
Conc: 18.19 ug/ml



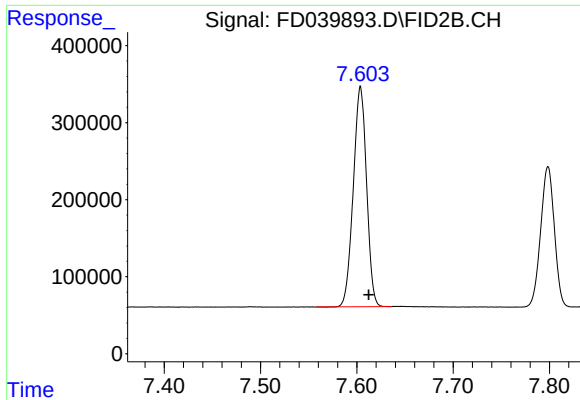
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.332 min
Delta R.T.: -0.008 min
Response: 2965230
Conc: 18.25 ug/ml



#4 2-Bromonaphthalene (SURR)

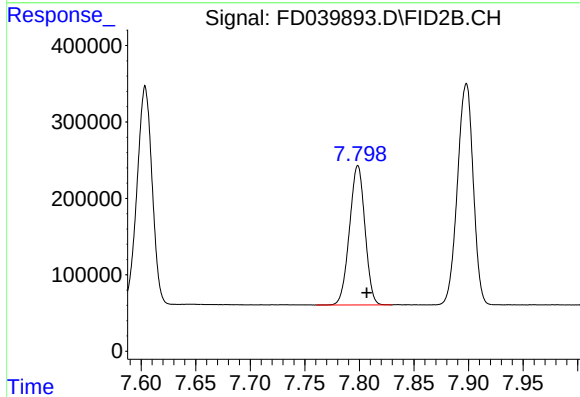
R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 2597456
Conc: 18.27 ug/ml



#5 Acenaphthylene (C15.06)

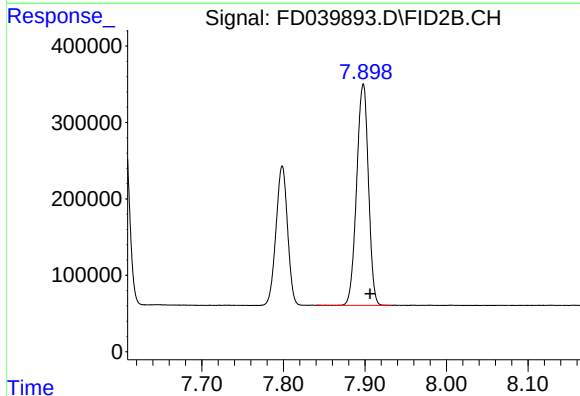
R.T.: 7.604 min
Delta R.T.: -0.008 min
Response: 2735926
Conc: 18.29 ug/ml

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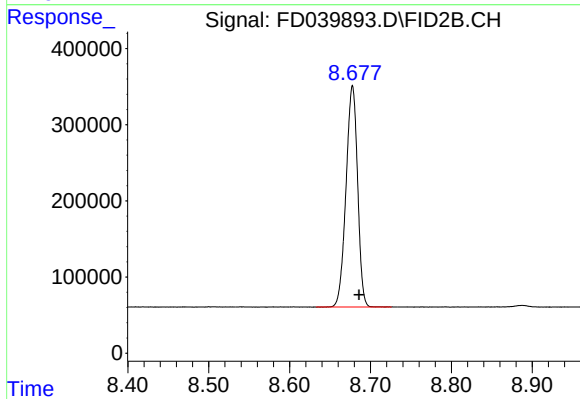
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.799 min
Delta R.T.: -0.008 min
Response: 1797684
Conc: 18.30 ug/ml



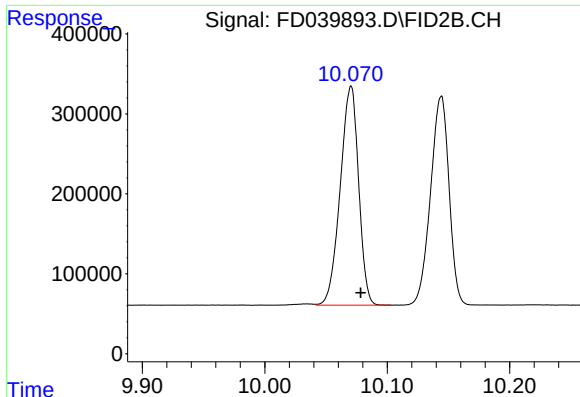
#7 Acenaphthene (C15.5)

R.T.: 7.898 min
Delta R.T.: -0.008 min
Response: 2910985
Conc: 18.32 ug/ml



#8 Fluorene (C16.55)

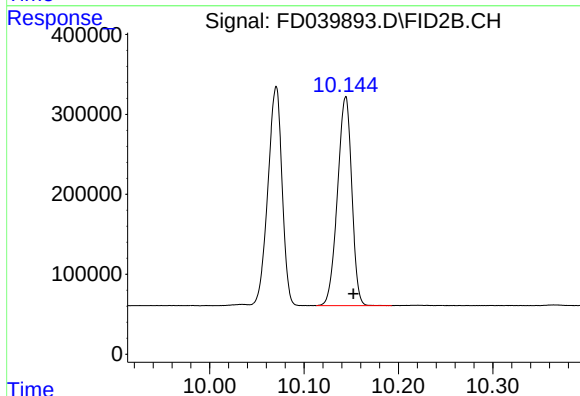
R.T.: 8.678 min
Delta R.T.: -0.008 min
Response: 2893863
Conc: 18.39 ug/ml



#9 Phenanthrene (C19.36)

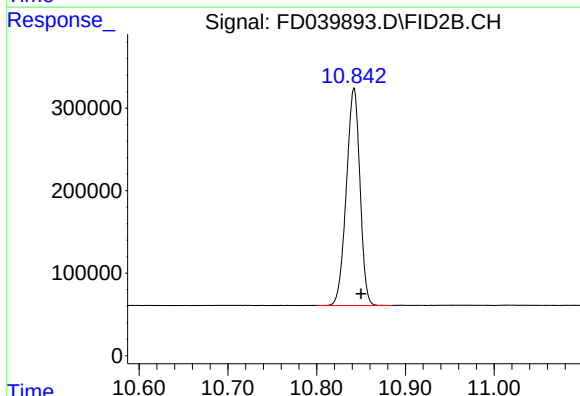
R.T.: 10.071 min
Delta R.T.: -0.008 min
Response: 2858434
Conc: 18.42 ug/ml

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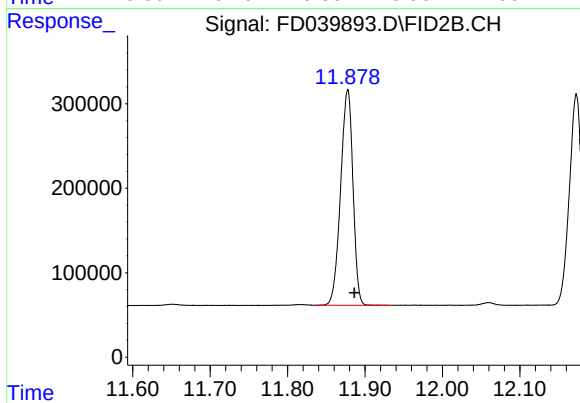
#10 Anthracene (C19.43)

R.T.: 10.144 min
Delta R.T.: -0.008 min
Response: 2748362
Conc: 18.41 ug/ml



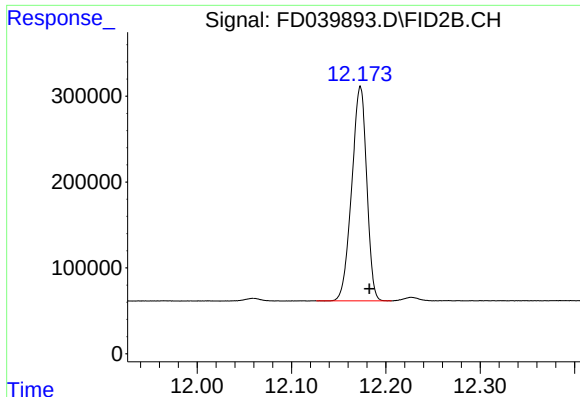
#11 ortho-Terphenyl (SURR)

R.T.: 10.842 min
Delta R.T.: -0.008 min
Response: 2807971
Conc: 18.45 ug/ml



#12 Fluoranthene (C21.85)

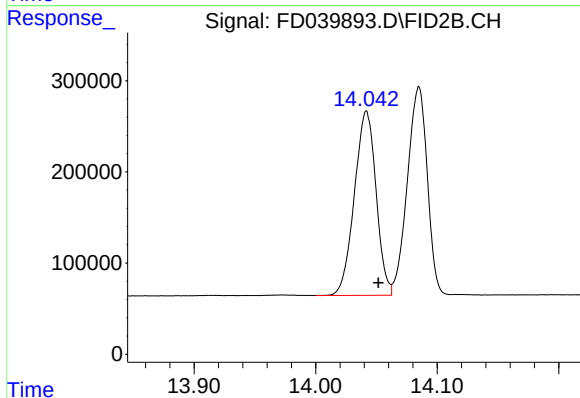
R.T.: 11.878 min
Delta R.T.: -0.008 min
Response: 2833680
Conc: 18.53 ug/ml



#13 Pyrene (C20.8)

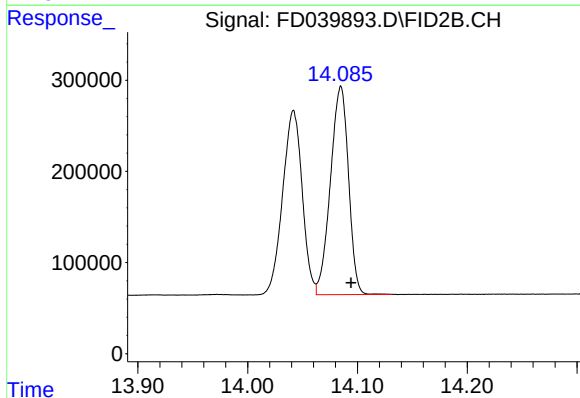
R.T.: 12.173 min
Delta R.T.: -0.010 min
Response: 2752582
Conc: 18.47 ug/ml

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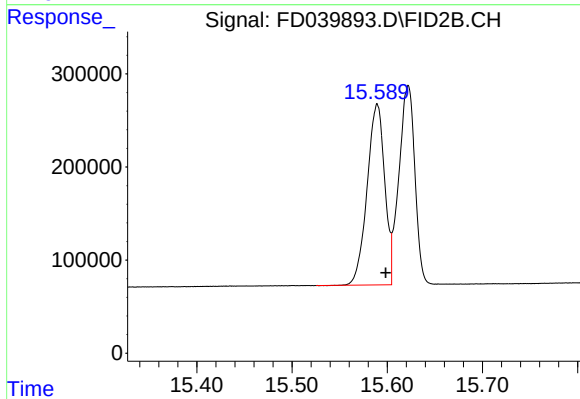
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.042 min
Delta R.T.: -0.010 min
Response: 2504684
Conc: 18.56 ug/ml



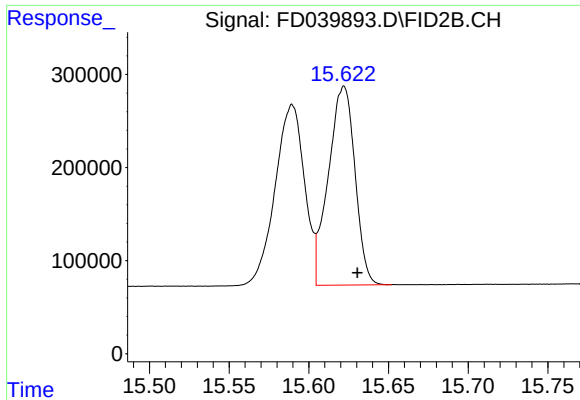
#15 Chrysene (C27.41)

R.T.: 14.085 min
Delta R.T.: -0.009 min
Response: 2610862
Conc: 18.57 ug/ml



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

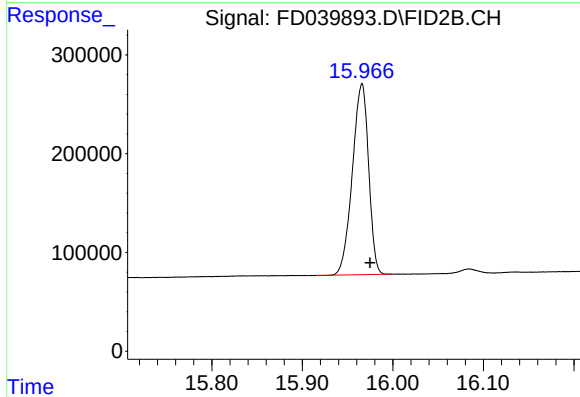
R.T.: 15.590 min
Delta R.T.: -0.009 min
Response: 2491335
Conc: 18.57 ug/ml



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

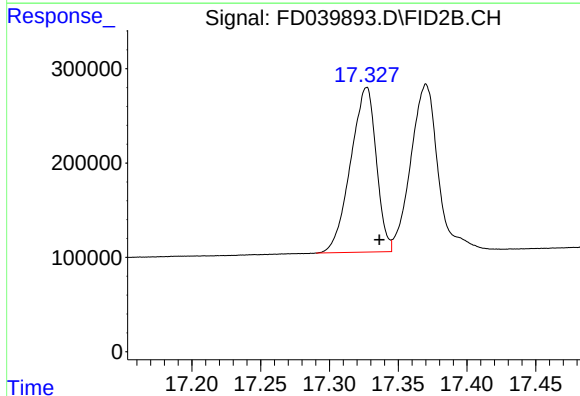
R.T.: 15.622 min
Delta R.T.: -0.009 min
Response: 2482054
Conc: 18.34 ug/ml

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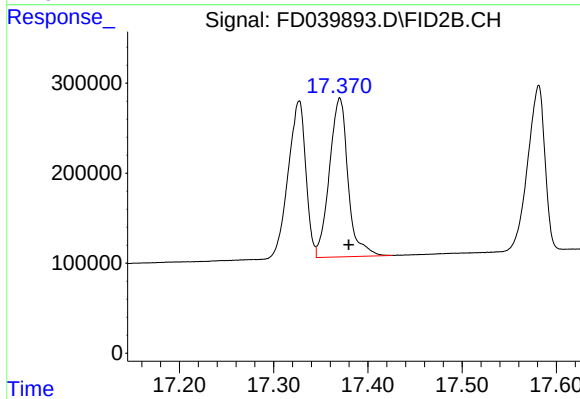
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.966 min
Delta R.T.: -0.009 min
Response: 2409789
Conc: 18.59 ug/ml



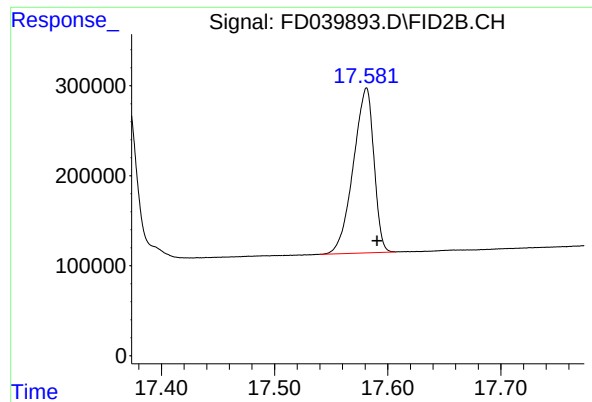
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.327 min
Delta R.T.: -0.009 min
Response: 2263362
Conc: 18.48 ug/ml



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

R.T.: 17.370 min
Delta R.T.: -0.009 min
Response: 2430585
Conc: 19.82 ug/ml



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

R.T.: 17.581 min
Delta R.T.: -0.009 min
Response: 2313769
Conc: 18.52 ug/ml

Instrument :
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