

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040299.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 14:07
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 30 15:19:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 15:18:33 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...	6.818	6715590	50.758 ug/ml
Spiked Amount 50.000		Recovery =	101.52%
6) S 2-Fluorobiphenyl (SURR)	7.668	4444951	51.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.66%
11) S ortho-Terphenyl (SURR)	10.704	7022733	50.403 ug/ml
Spiked Amount 50.000		Recovery =	100.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.669	7495651	49.927 ug/ml
2) T Naphthalene (C11.7)	5.167	7687111	50.621 ug/ml
3) T 2-Methylnaphthalene (...)	6.209	7678872	50.755 ug/ml
5) T Acenaphthylene (C15.06)	7.473	6935567	50.878 ug/ml
7) T Acenaphthene (C15.5)	7.768	7371227	50.684 ug/ml
8) T Fluorene (C16.55)	8.544	7139730	51.363 ug/ml
9) T Phenanthrene (C19.36)	9.932	6921631	50.981 ug/ml
10) T Anthracene (C19.43)	10.006	6517237	51.258 ug/ml
12) T Fluoranthene (C21.85)	11.735	6817501	50.853 ug/ml
13) T Pyrene (C20.8)	12.030	6641825	50.968 ug/ml
14) T Benzo[a]anthracene (C...	13.895	6057621	51.151 ug/ml
15) T Chrysene (C27.41)	13.940	6402324	50.409 ug/ml
16) T benzo[b]fluoranthene ...	15.441	6306049	50.647 ug/ml
17) T Bnezo[k]fluoranthene ...	15.478	6267897	49.928 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.819	6161576	50.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.181	6047300	51.500 ug/ml
20) T Dibenz[a,h]anthracene...	17.221	6025737	52.141 ug/ml
21) T Benzo[g,h,i]perylene ...	17.437	6206856	50.180 ug/ml

(f)=RT Delta > 1/2 Window

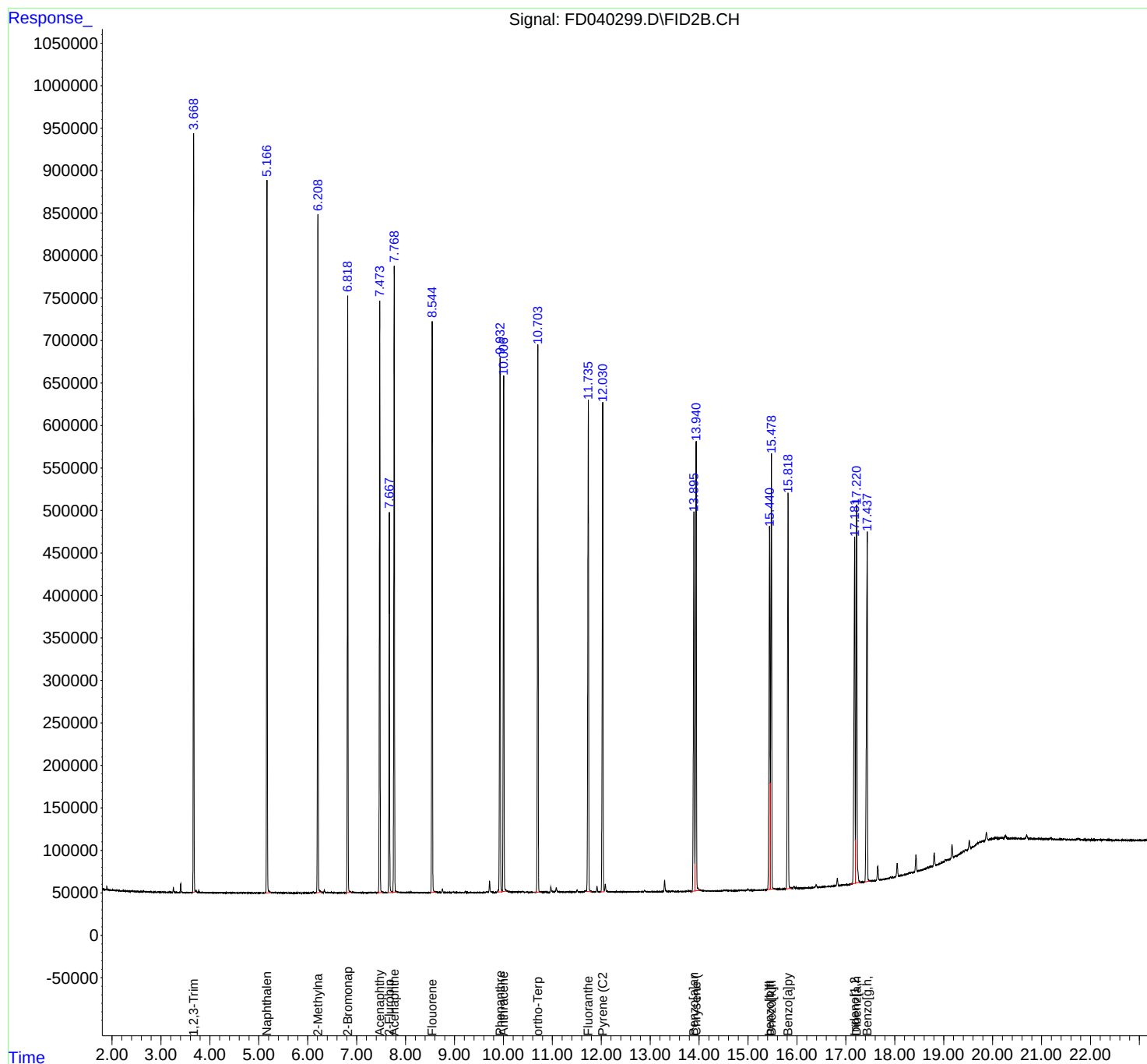
(m)=manual int.

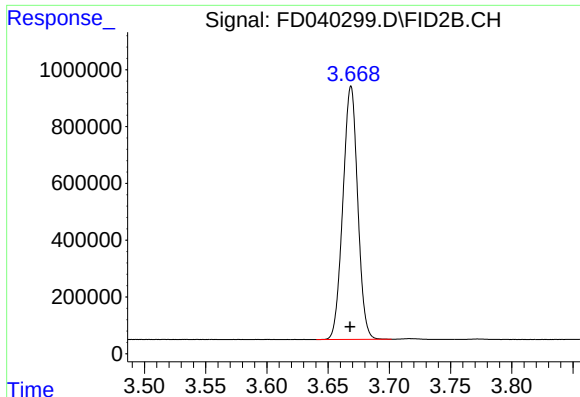
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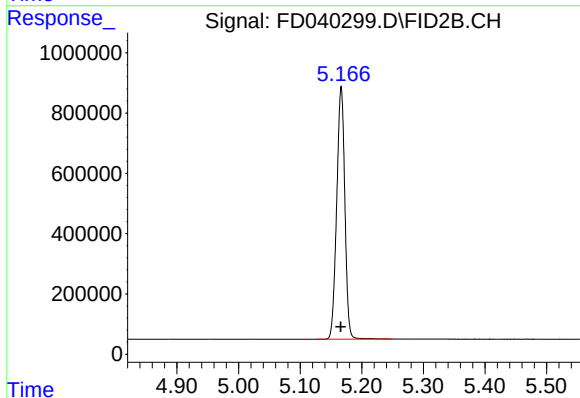




#1 1,2,3-Trimethylbenzene (C10.1)

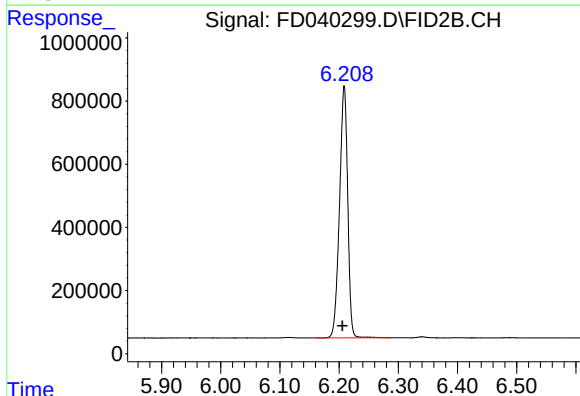
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 7495651
Conc: 49.93 ug/ml

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FID_D
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50 PPM AROMATIC HC STD2



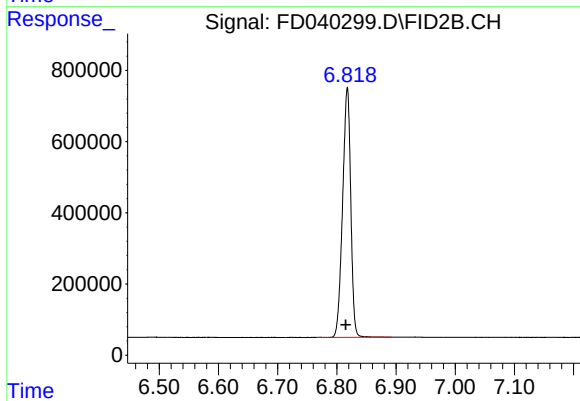
#2 Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: 0.001 min
Response: 7687111
Conc: 50.62 ug/ml



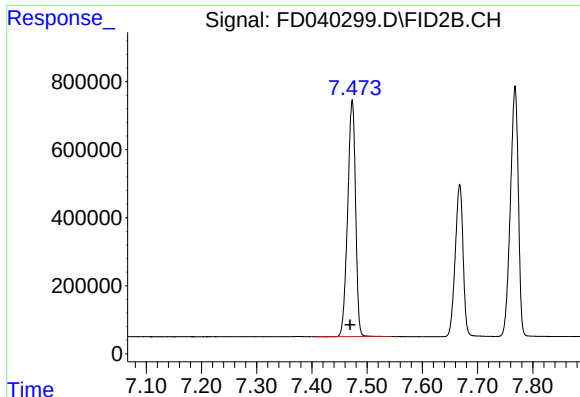
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.209 min
Delta R.T.: 0.003 min
Response: 7678872
Conc: 50.76 ug/ml



#4 2-Bromonaphthalene (SURR)

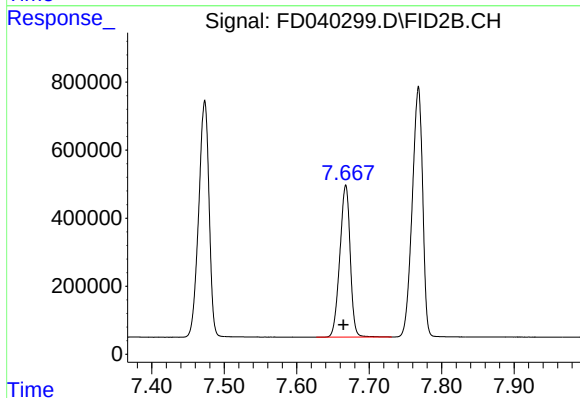
R.T.: 6.818 min
Delta R.T.: 0.003 min
Response: 6715590
Conc: 50.76 ug/ml



#5 Acenaphthylene (C15.06)

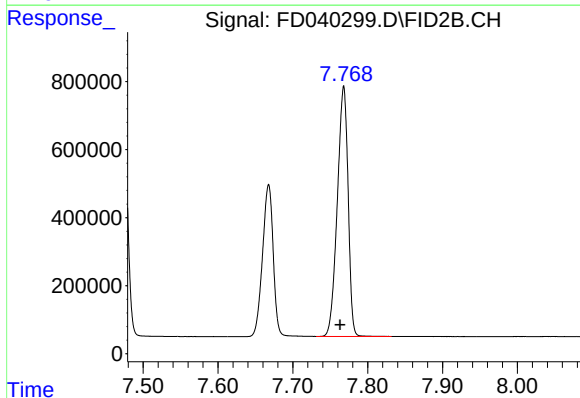
R.T.: 7.473 min
Delta R.T.: 0.004 min
Response: 6935567
Conc: 50.88 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



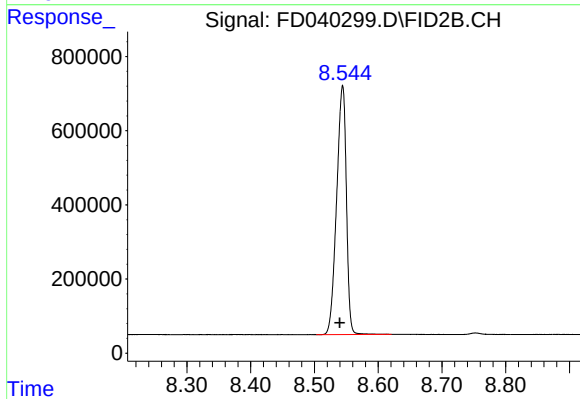
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.668 min
Delta R.T.: 0.004 min
Response: 4444951
Conc: 51.83 ug/ml



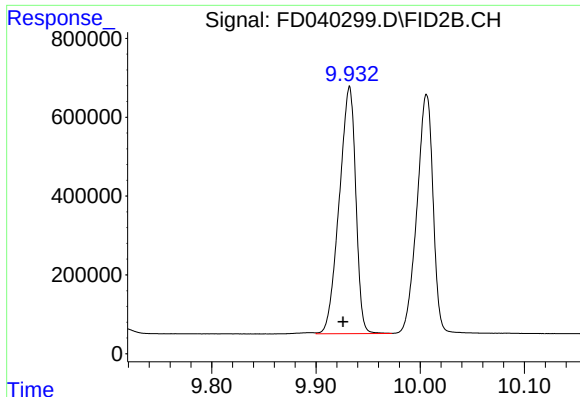
#7 Acenaphthene (C15.5)

R.T.: 7.768 min
Delta R.T.: 0.005 min
Response: 7371227
Conc: 50.68 ug/ml



#8 Flouorene (C16.55)

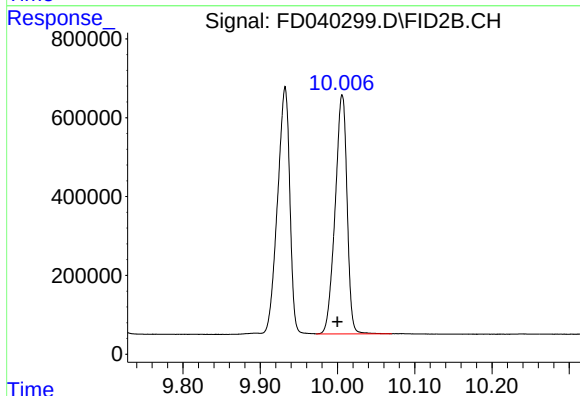
R.T.: 8.544 min
Delta R.T.: 0.005 min
Response: 7139730
Conc: 51.36 ug/ml



#9 Phenanthrene (C19.36)

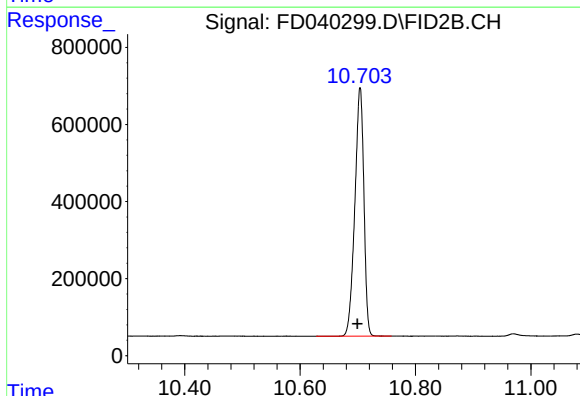
R.T.: 9.932 min
Delta R.T.: 0.006 min
Response: 6921631
Conc: 50.98 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



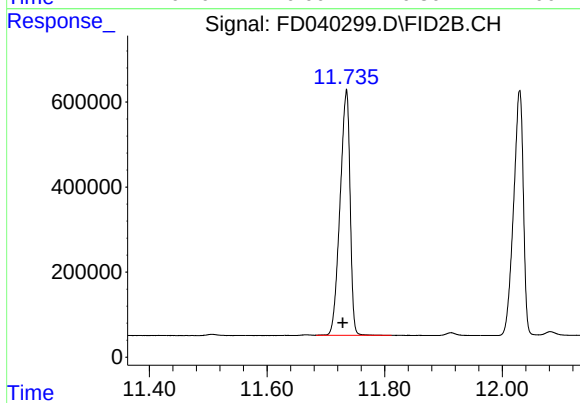
#10 Anthracene (C19.43)

R.T.: 10.006 min
Delta R.T.: 0.006 min
Response: 6517237
Conc: 51.26 ug/ml



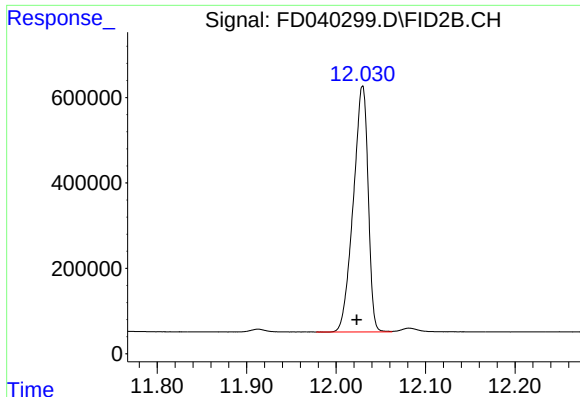
#11 ortho-Terphenyl (SURR)

R.T.: 10.704 min
Delta R.T.: 0.004 min
Response: 7022733
Conc: 50.40 ug/ml



#12 Fluoranthene (C21.85)

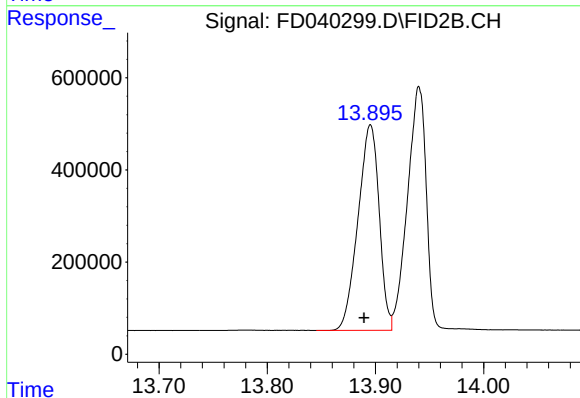
R.T.: 11.735 min
Delta R.T.: 0.007 min
Response: 6817501
Conc: 50.85 ug/ml



#13 Pyrene (C20.8)

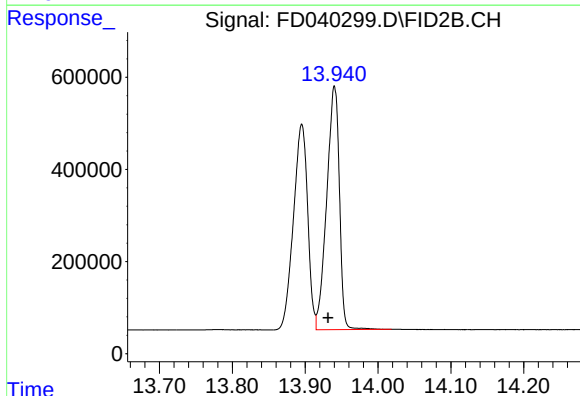
R.T.: 12.030 min
Delta R.T.: 0.006 min
Response: 6641825
Conc: 50.97 ug/ml

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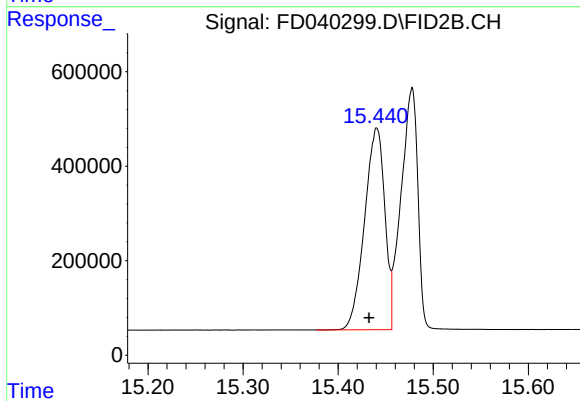
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.895 min
Delta R.T.: 0.006 min
Response: 6057621
Conc: 51.15 ug/ml



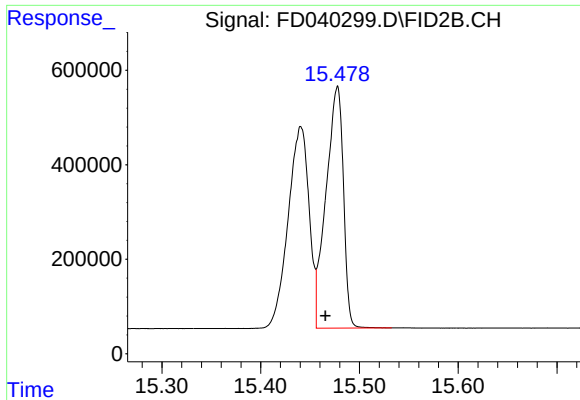
#15 Chrysene (C27.41)

R.T.: 13.940 min
Delta R.T.: 0.009 min
Response: 6402324
Conc: 50.41 ug/ml



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

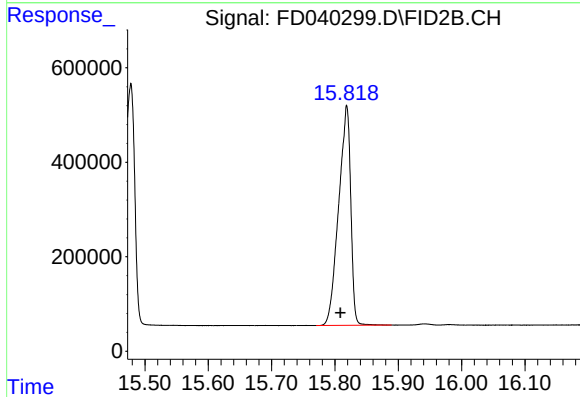
R.T.: 15.441 min
Delta R.T.: 0.008 min
Response: 6306049
Conc: 50.65 ug/ml



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

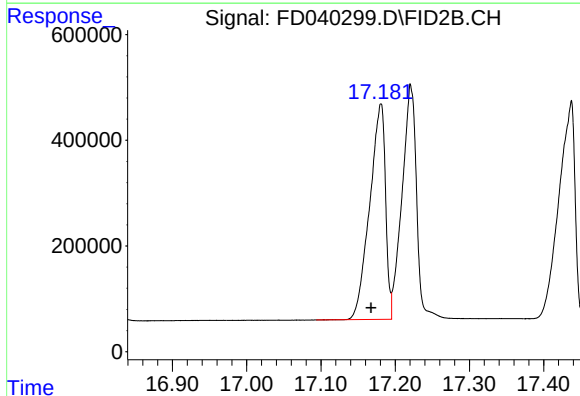
R.T.: 15.478 min
Delta R.T.: 0.012 min
Response: 6267897
Conc: 49.93 ug/ml

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FID_D
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50 PPM AROMATIC HC STD2



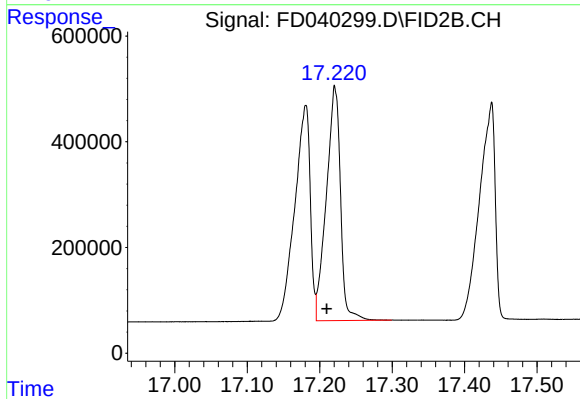
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.819 min
Delta R.T.: 0.010 min
Response: 6161576
Conc: 50.59 ug/ml



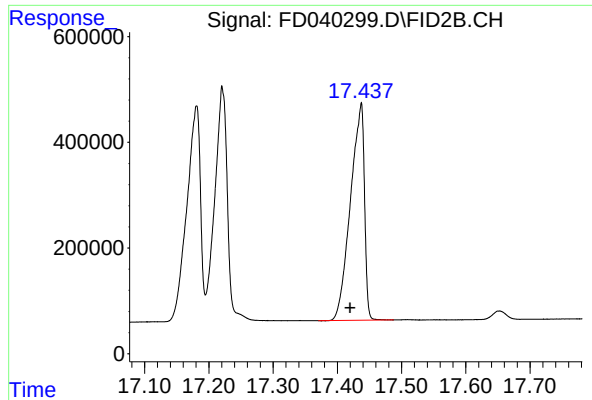
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.181 min
Delta R.T.: 0.013 min
Response: 6047300
Conc: 51.50 ug/ml



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

R.T.: 17.221 min
Delta R.T.: 0.011 min
Response: 6025737
Conc: 52.14 ug/ml



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

R.T.: 17.437 min
Delta R.T.: 0.017 min
Response: 6206856
Conc: 50.18 ug/ml

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