

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041221AR\
 Data File : FD036860.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 7:46
 Operator : DD\AJ
 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: Apr 13 08:30:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.587	2472410	17.579 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
6) S 2-Fluorobiphenyl (SURR)	8.448	1586769	16.904 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.81%
11) S ortho-Terphenyl (SURR)	11.488	2518012	16.487 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.387	2725431	18.593 ug/ml
2) T Naphthalene (C11.7)	5.925	2824156	17.970 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	2769756	17.623 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2567098	17.132 ug/ml
7) T Acenaphthene (C15.5)	8.547	2661546	17.145 ug/ml
8) T Fluorene (C16.55)	9.326	2518361	16.727 ug/ml
9) T Phenanthrene (C19.36)	10.721	2349603	16.030 ug/ml
10) T Anthracene (C19.43)	10.795	2100200	14.507 ug/ml
12) T Fluoranthene (C21.85)	12.531	2215099	15.778 ug/ml
13) T Pyrene (C20.8)	12.827	2173021	15.838 ug/ml
14) T Benzo[a]anthracene (C...	14.695	2022403	17.030 ug/ml
15) T Chrysene (C27.41)	14.737	2093253	17.309 ug/ml
16) T benzo[b]fluoranthene ...	16.244	2127964	19.392 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	2066253	19.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	1976934	19.836 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2091475	20.807 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	2109076	20.916 ug/ml
21) T Benzo[g,h,i]perylene ...	18.239	2139747	21.118 ug/ml

(f)=RT Delta > 1/2 Window

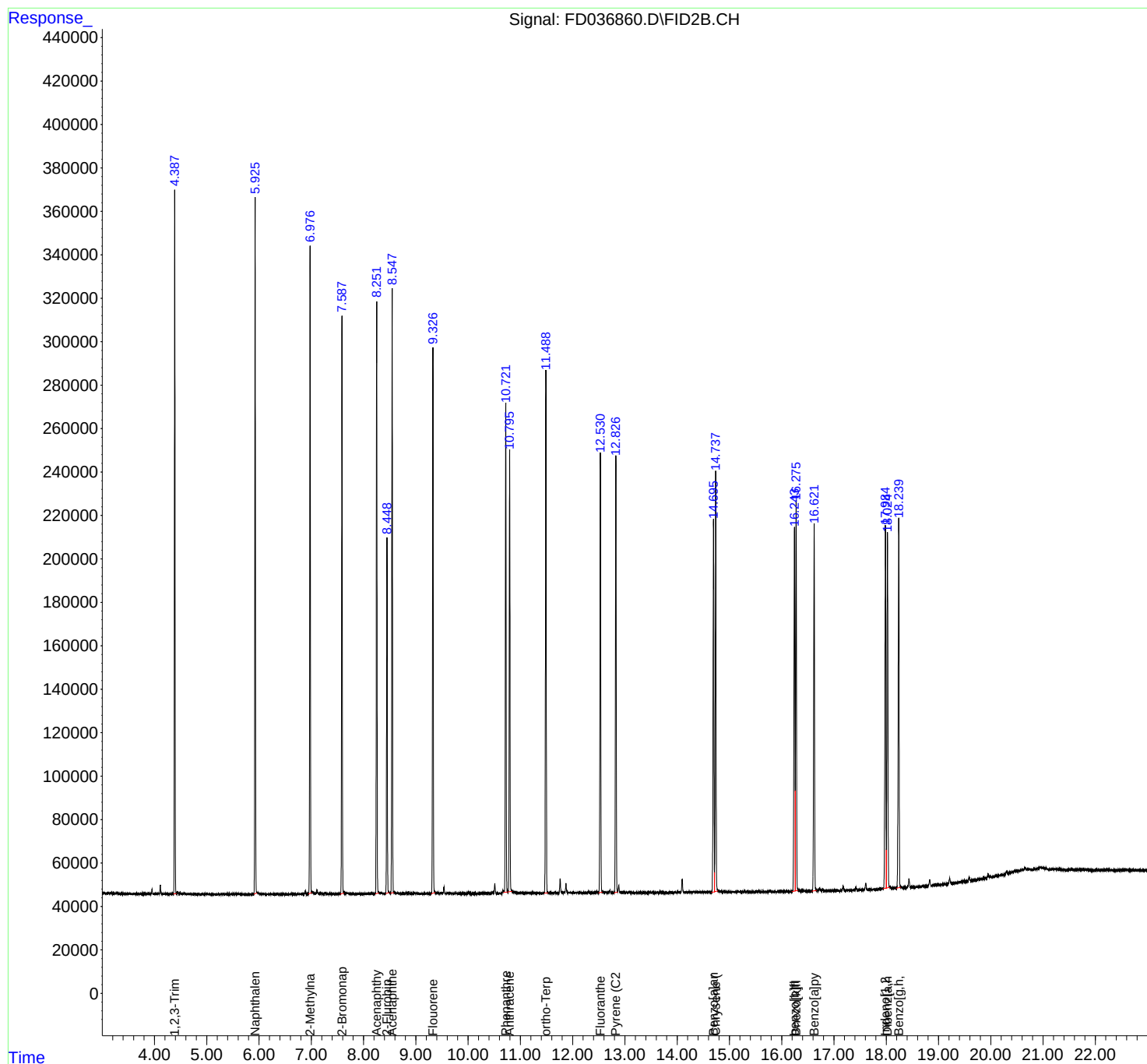
(m)=manual int.

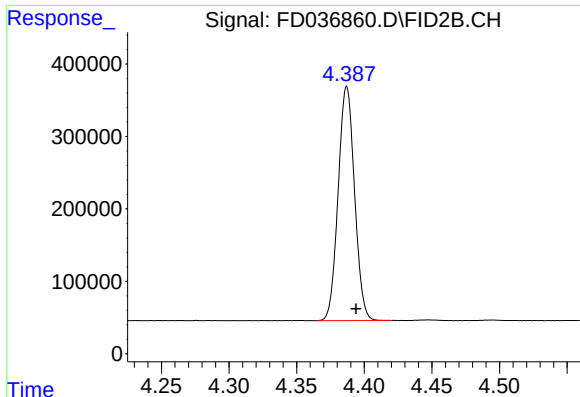
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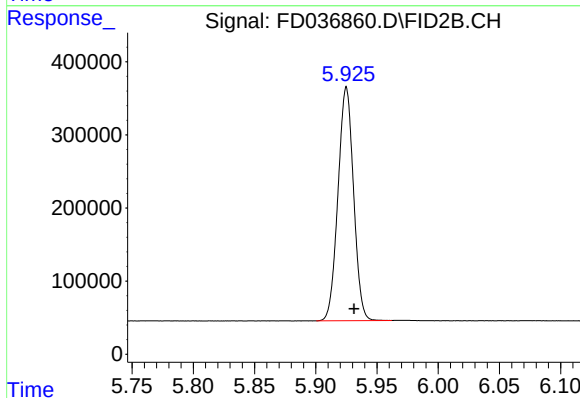




#1 1,2,3-Trimethylbenzene (C10.1)

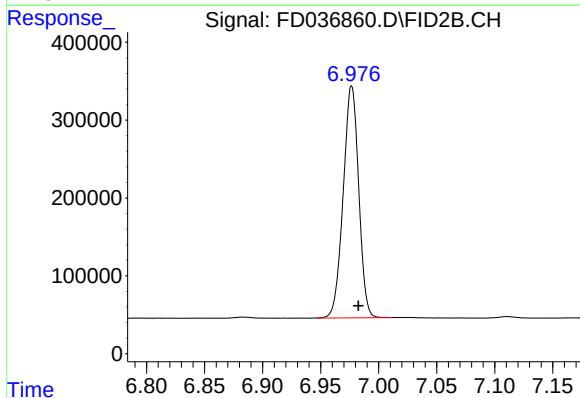
R.T.: 4.387 min
Delta R.T.: -0.007 min
Response: 2725431
Conc: 18.59 ug/ml

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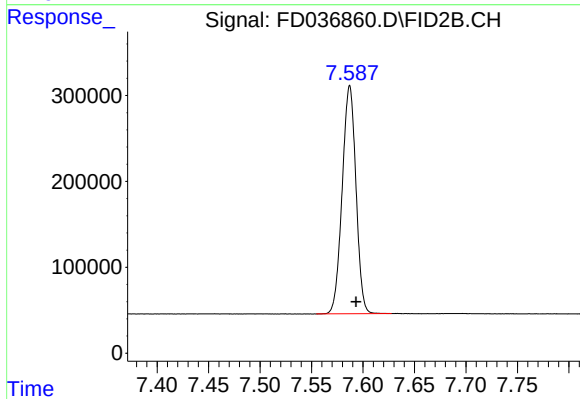
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 2824156
Conc: 17.97 ug/ml



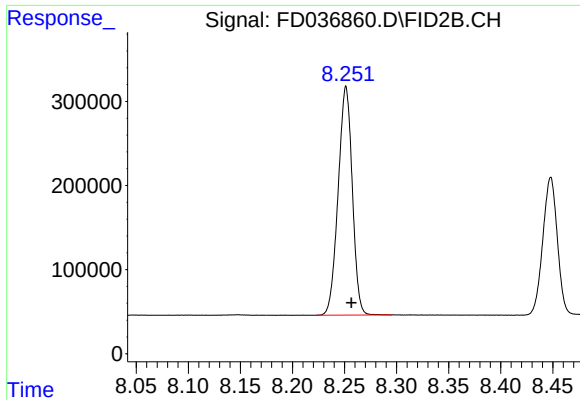
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.006 min
Response: 2769756
Conc: 17.62 ug/ml



#4 2-Bromonaphthalene (SURR)

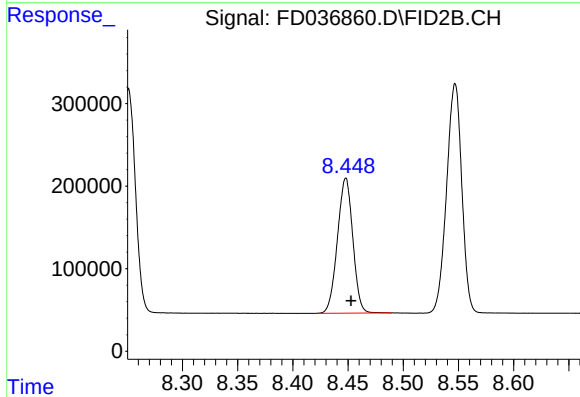
R.T.: 7.587 min
Delta R.T.: -0.006 min
Response: 2472410
Conc: 17.58 ug/ml



#5 Acenaphthylene (C15.06)

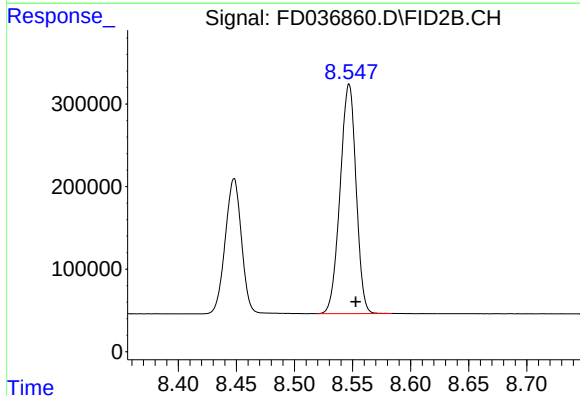
R.T.: 8.251 min
Delta R.T.: -0.005 min
Response: 2567098
Conc: 17.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



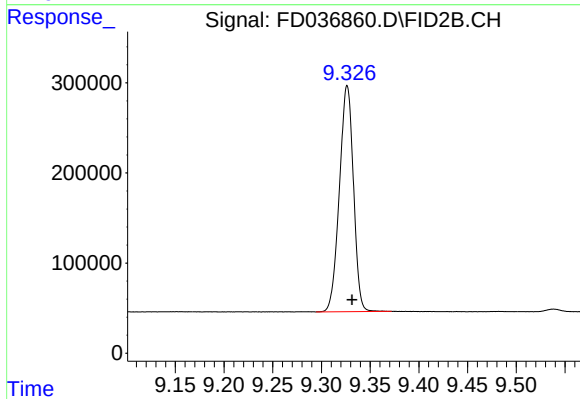
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 1586769
Conc: 16.90 ug/ml



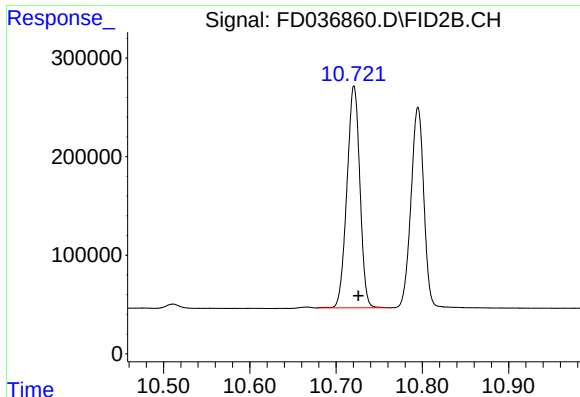
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.006 min
Response: 2661546
Conc: 17.15 ug/ml



#8 Fluorene (C16.55)

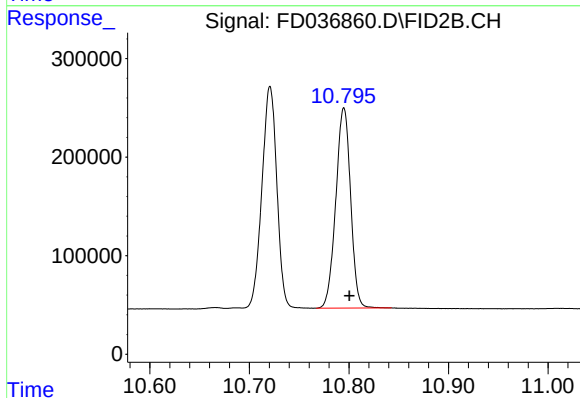
R.T.: 9.326 min
Delta R.T.: -0.005 min
Response: 2518361
Conc: 16.73 ug/ml



#9 Phenanthrene (C19.36)

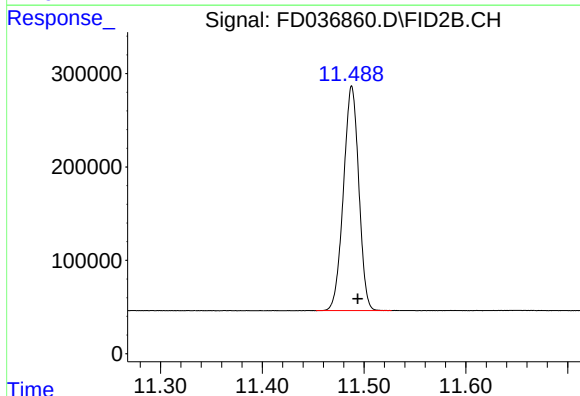
R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 2349603
Conc: 16.03 ug/ml

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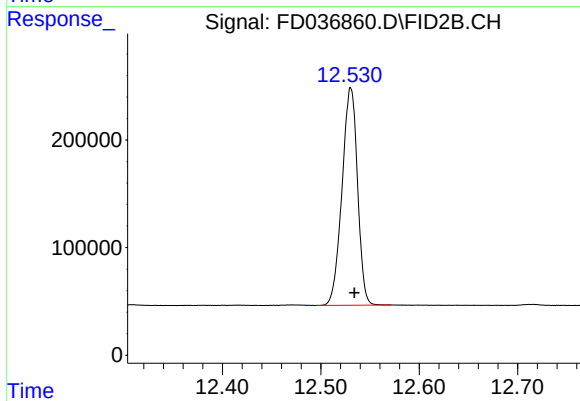
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.005 min
Response: 2100200
Conc: 14.51 ug/ml



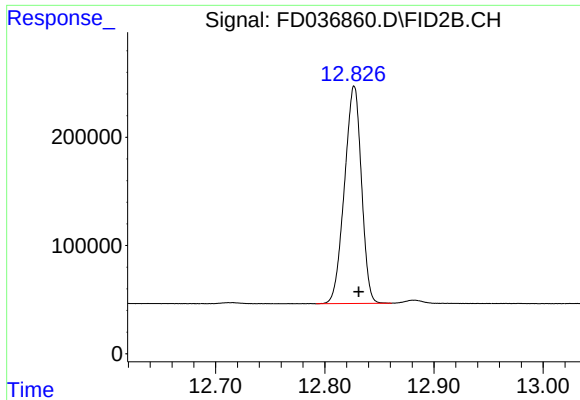
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 2518012
Conc: 16.49 ug/ml



#12 Fluoranthene (C21.85)

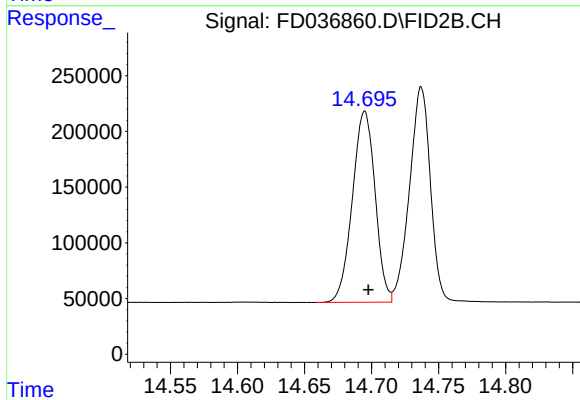
R.T.: 12.531 min
Delta R.T.: -0.004 min
Response: 2215099
Conc: 15.78 ug/ml



#13 Pyrene (C20.8)

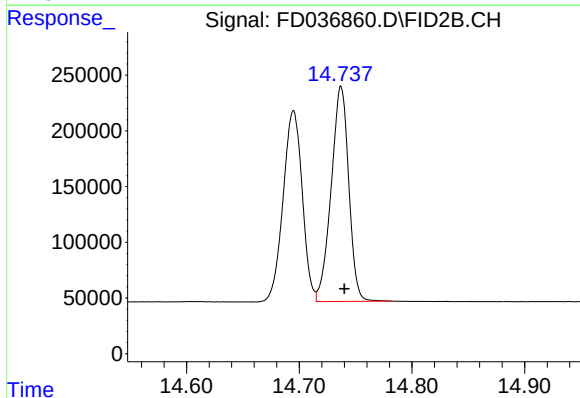
R.T.: 12.827 min
Delta R.T.: -0.004 min
Response: 2173021
Conc: 15.84 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



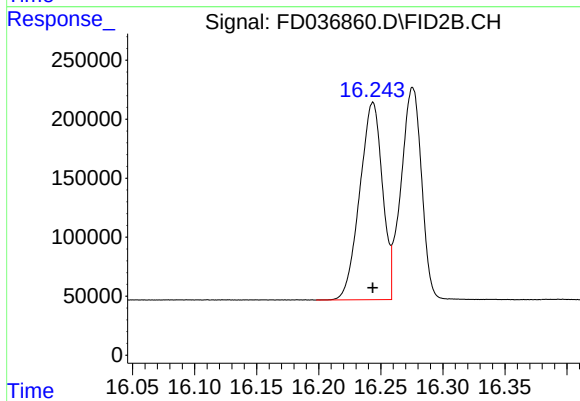
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.003 min
Response: 2022403
Conc: 17.03 ug/ml



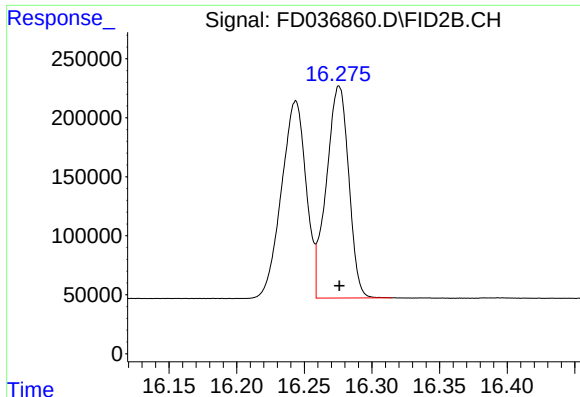
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.003 min
Response: 2093253
Conc: 17.31 ug/ml



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

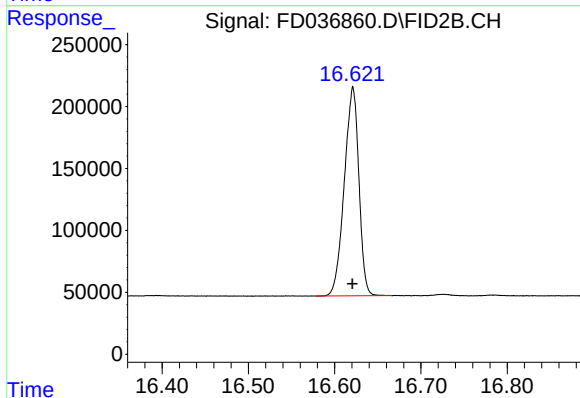
R.T.: 16.244 min
Delta R.T.: 0.000 min
Response: 2127964
Conc: 19.39 ug/ml



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

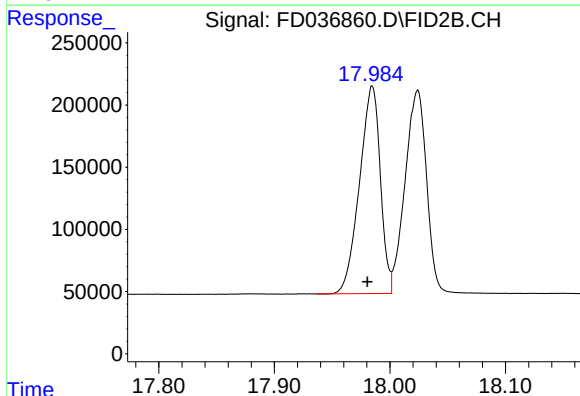
R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 2066253
Conc: 19.44 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



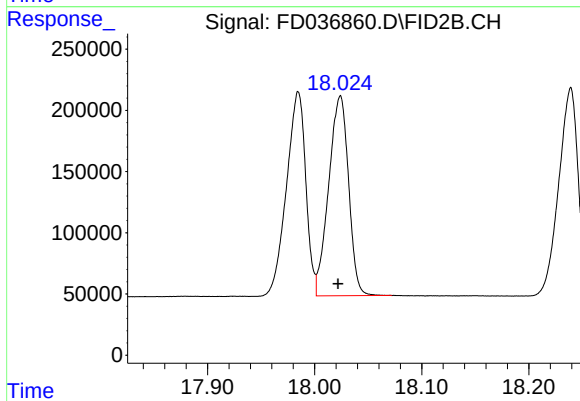
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 1976934
Conc: 19.84 ug/ml



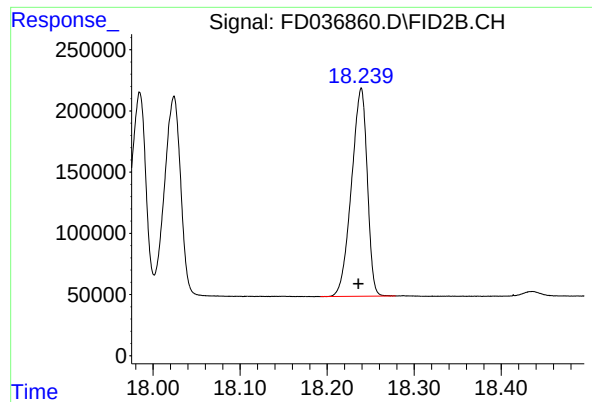
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: 0.004 min
Response: 2091475
Conc: 20.81 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.002 min
Response: 2109076
Conc: 20.92 ug/ml



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

R.T.: 18.239 min
Delta R.T.: 0.003 min
Response: 2139747
Conc: 21.12 ug/ml

Instrument :
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