

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AR\
 Data File : FD036618.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2021 23:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 29 09:00:54 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...	7.591	2946818	20.952 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
6) S 2-Fluorobiphenyl (SURR)	8.451	1955153	20.829 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.66%
11) S ortho-Terphenyl (SURR)	11.491	3115224	20.397 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	3099432	21.145 ug/ml
2) T Naphthalene (C11.7)	5.929	3302026	21.010 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	3293975	20.959 ug/ml
5) T Acenaphthylene (C15.06)	8.255	3120541	20.826 ug/ml
7) T Acenaphthene (C15.5)	8.550	3236446	20.849 ug/ml
8) T Flouorene (C16.55)	9.330	3115555	20.693 ug/ml
9) T Phenanthrene (C19.36)	10.723	2979310	20.327 ug/ml
10) T Anthracene (C19.43)	10.797	2876022	19.866 ug/ml
12) T Fluoranthene (C21.85)	12.532	2802614	19.962 ug/ml
13) T Pyrene (C20.8)	12.828	2724259	19.856 ug/ml
14) T Benzo[a]anthracene (C...	14.695	2314171	19.486 ug/ml
15) T Chrysene (C27.41)	14.738	2373786	19.629 ug/ml
16) T benzo[b]fluoranthene ...	16.241	2144420	19.542 ug/ml
17) T Bnezo[k]fluoranthene ...	16.273	2088281	19.645 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	1952722	19.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2029126	20.187 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2056728	20.397 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2069464	20.425 ug/ml

(f)=RT Delta > 1/2 Window

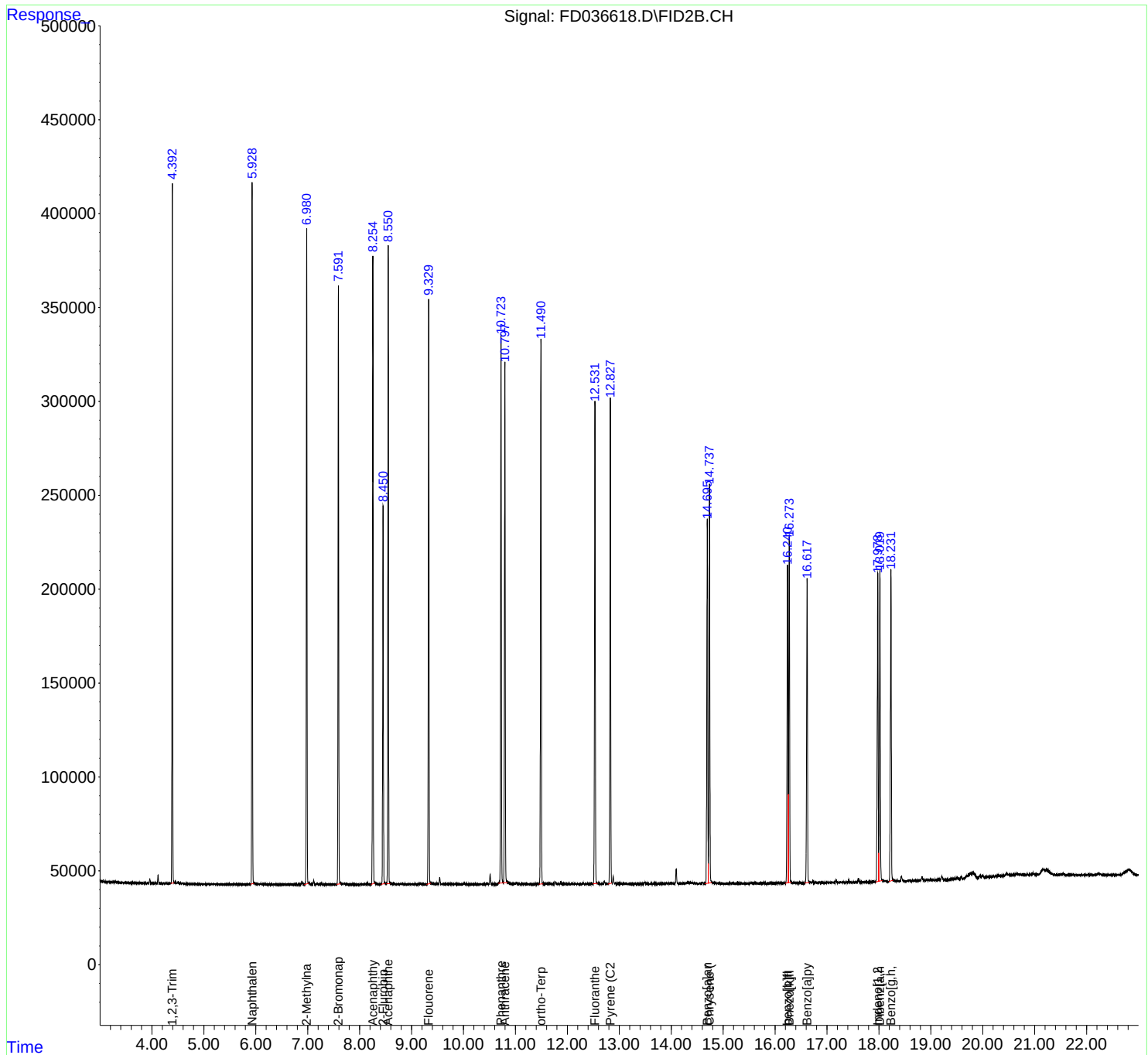
(m)=manual int.

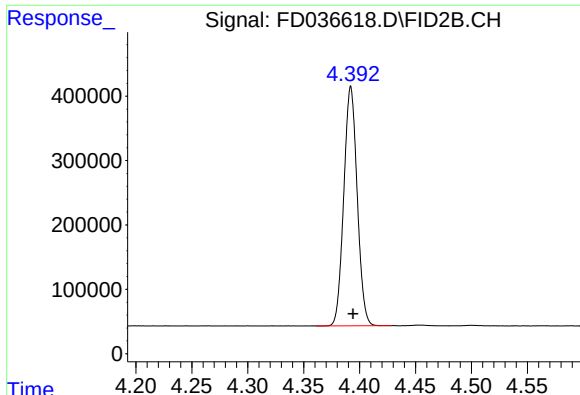
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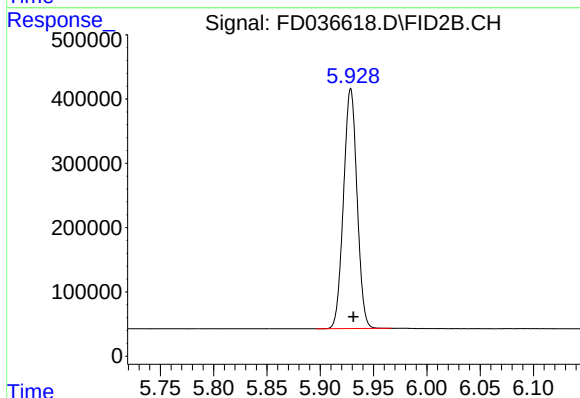




#1 1,2,3-Trimethylbenzene (C10.1)

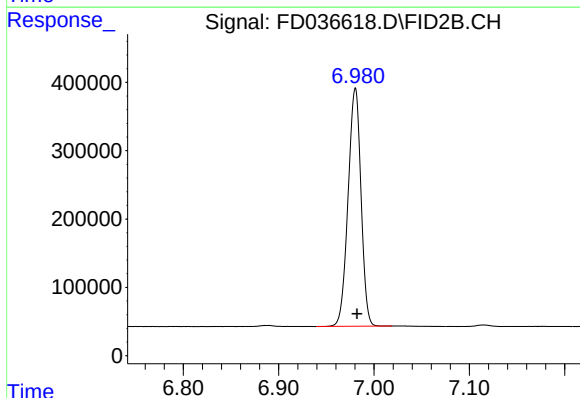
R.T.: 4.392 min
Delta R.T.: -0.002 min
Response: 3099432
Conc: 21.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



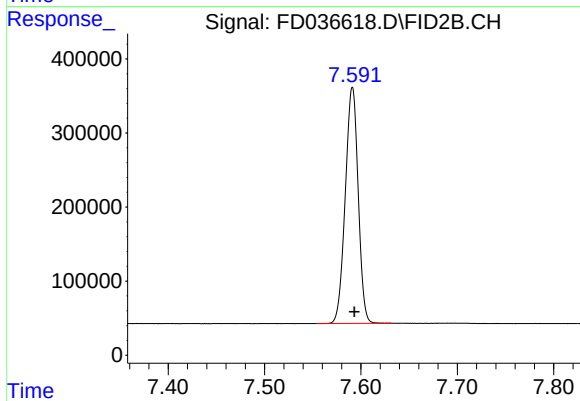
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 3302026
Conc: 21.01 ug/ml



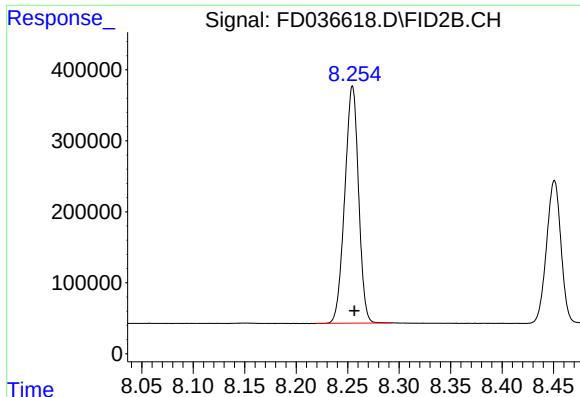
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 3293975
Conc: 20.96 ug/ml



#4 2-Bromonaphthalene (SURR)

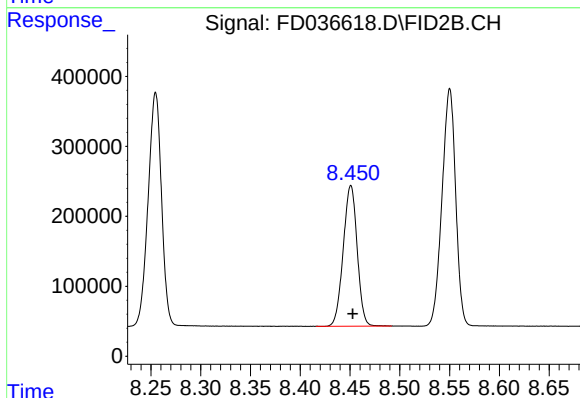
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 2946818
Conc: 20.95 ug/ml



#5 Acenaphthylene (C15.06)

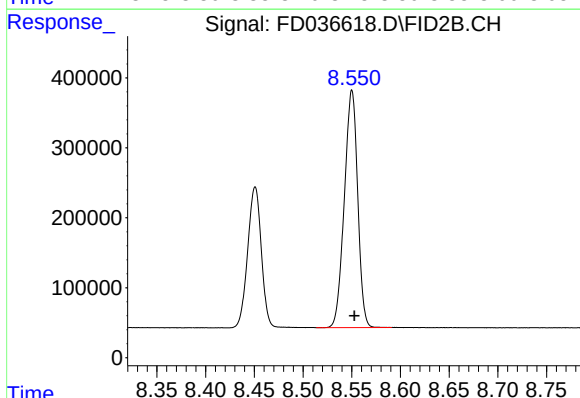
R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 3120541
Conc: 20.83 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



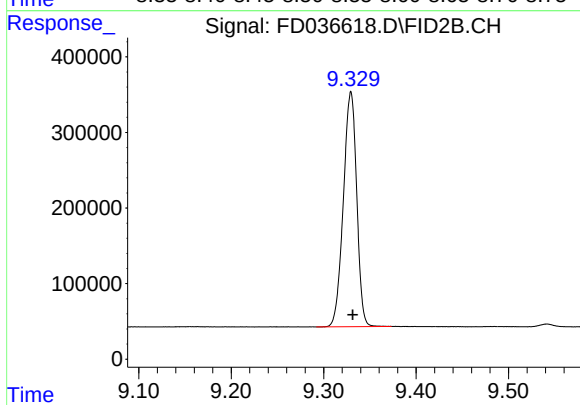
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 1955153
Conc: 20.83 ug/ml



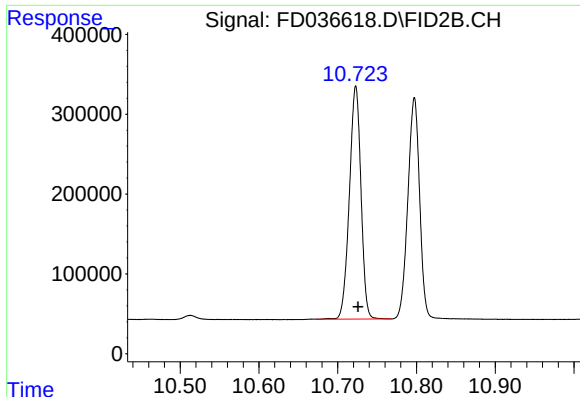
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 3236446
Conc: 20.85 ug/ml



#8 Fluorene (C16.55)

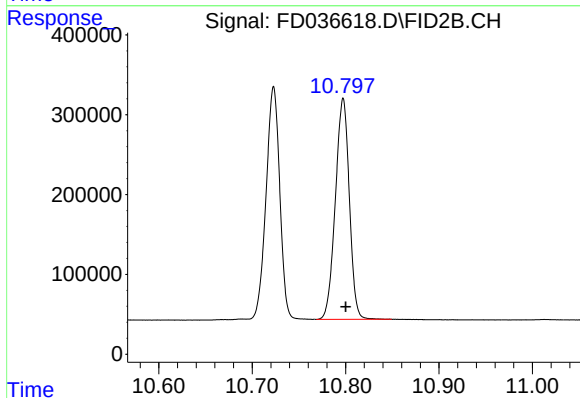
R.T.: 9.330 min
Delta R.T.: -0.002 min
Response: 3115555
Conc: 20.69 ug/ml



#9 Phenanthrene (C19.36)

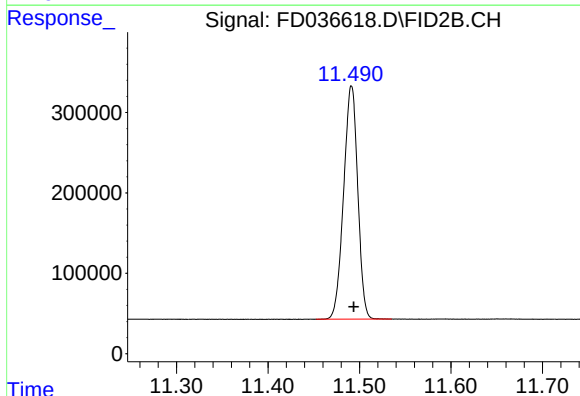
R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 2979310
Conc: 20.33 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



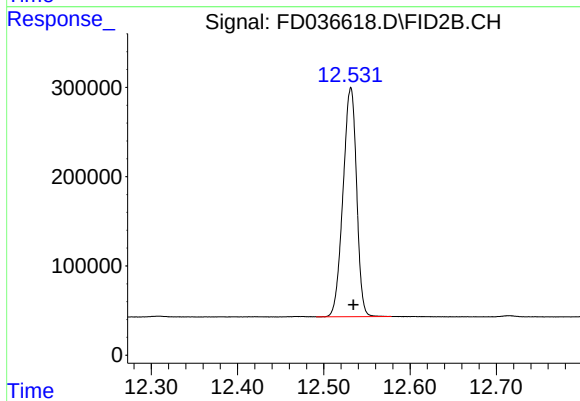
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.003 min
Response: 2876022
Conc: 19.87 ug/ml



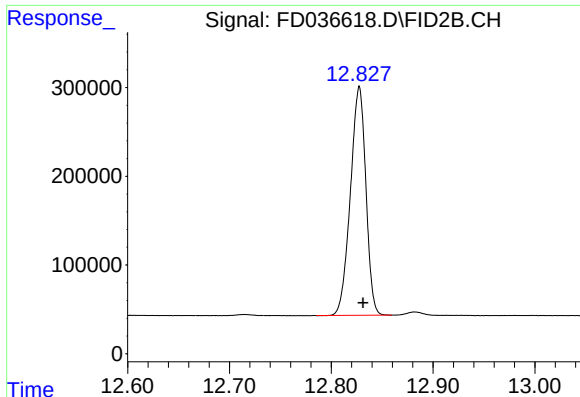
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 3115224
Conc: 20.40 ug/ml



#12 Fluoranthene (C21.85)

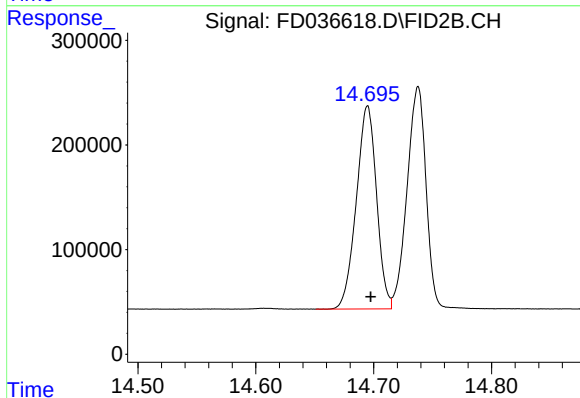
R.T.: 12.532 min
Delta R.T.: -0.003 min
Response: 2802614
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

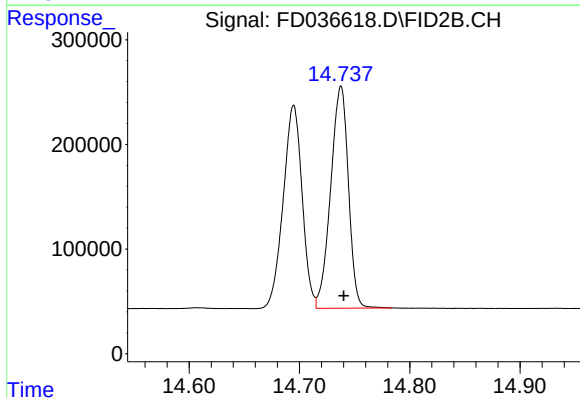
R.T.: 12.828 min
Delta R.T.: -0.004 min
Response: 2724259
Conc: 19.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



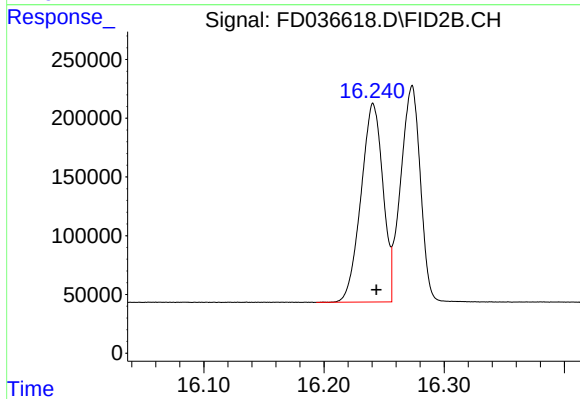
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.003 min
Response: 2314171
Conc: 19.49 ug/ml



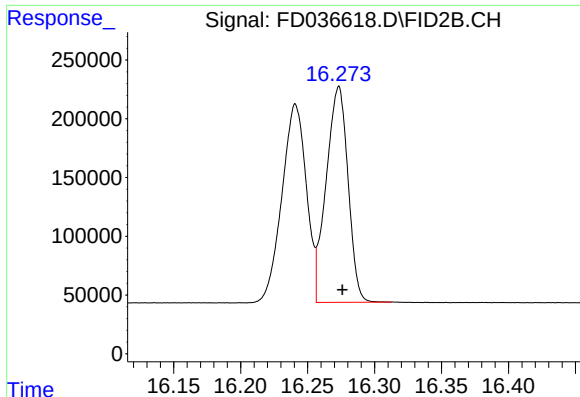
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.002 min
Response: 2373786
Conc: 19.63 ug/ml



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

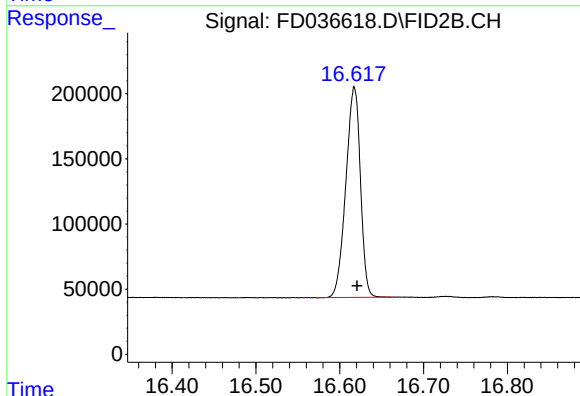
R.T.: 16.241 min
Delta R.T.: -0.003 min
Response: 2144420
Conc: 19.54 ug/ml



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

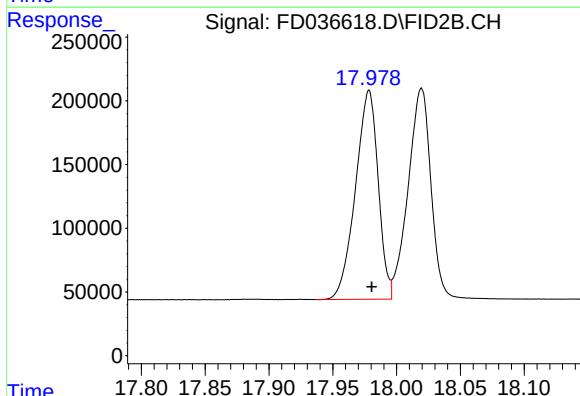
R.T.: 16.273 min
Delta R.T.: -0.003 min
Response: 2088281
Conc: 19.65 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



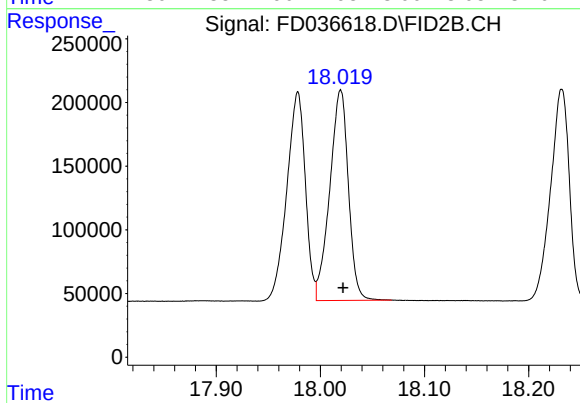
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.003 min
Response: 1952722
Conc: 19.59 ug/ml



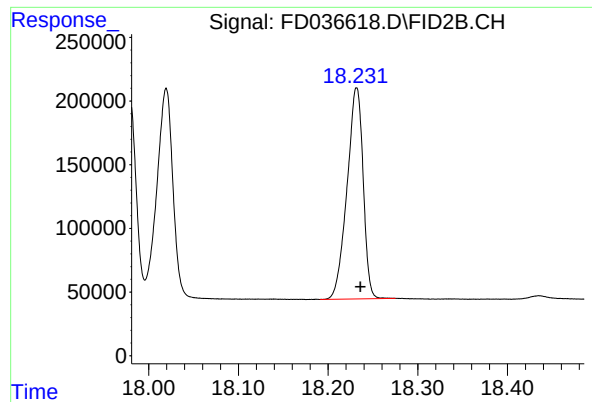
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.002 min
Response: 2029126
Conc: 20.19 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2056728
Conc: 20.40 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.004 min
Response: 2069464
Conc: 20.42 ug/ml

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