

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038609.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2021 00:07
 Operator : AJ\MA
 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: Aug 18 05:31:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.469	2686011	21.194 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
6) S 2-Fluorobiphenyl (SURR)	8.329	1753127	20.192 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.38%
11) S ortho-Terphenyl (SURR)	11.363	2791596	19.461 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	3045664	21.717 ug/ml
2) T Naphthalene (C11.7)	5.809	3123393	21.448 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	3013382	20.779 ug/ml
5) T Acenaphthylene (C15.06)	8.131	2918545	20.214 ug/ml
7) T Acenaphthene (C15.5)	8.425	3021303	20.184 ug/ml
8) T Flouorene (C16.55)	9.206	2814443	19.752 ug/ml
9) T Phenanthrene (C19.36)	10.600	2611806	18.504 ug/ml
10) T Anthracene (C19.43)	10.675	2471547	18.079 ug/ml
12) T Fluoranthene (C21.85)	12.410	2441686	17.383 ug/ml
13) T Pyrene (C20.8)	12.706	2379056	16.983 ug/ml
14) T Benzo[a]anthracene (C...	14.579	2155985	16.838 ug/ml
15) T Chrysene (C27.41)	14.621	2306238	16.698 ug/ml
16) T benzo[b]fluoranthene ...	16.132	2209383	17.668 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	2262122	17.159 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	2114688	17.694 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	2164975	19.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.918	2317617	18.829 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	2235644	19.517 ug/ml

(f)=RT Delta > 1/2 Window

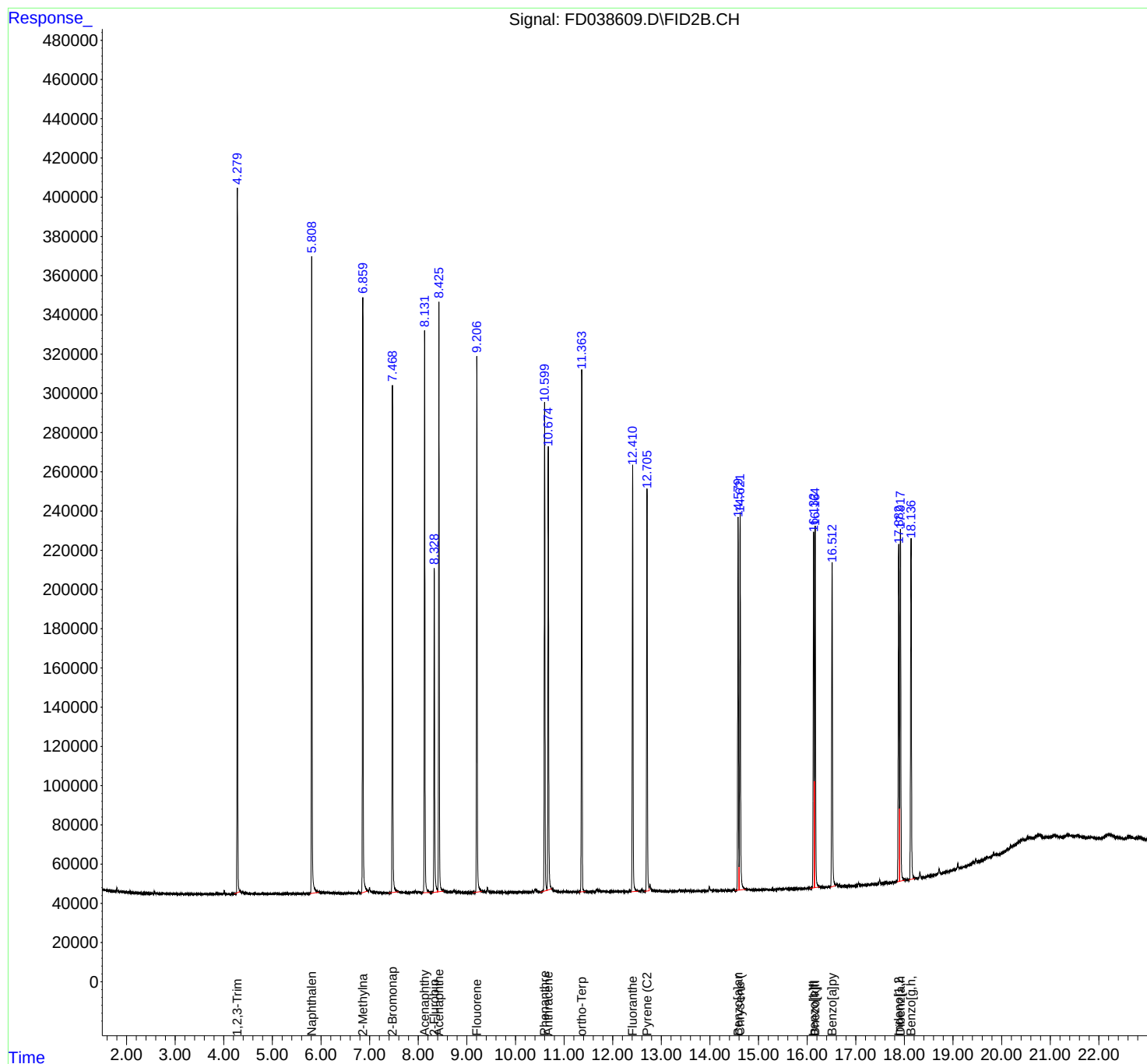
(m)=manual int.

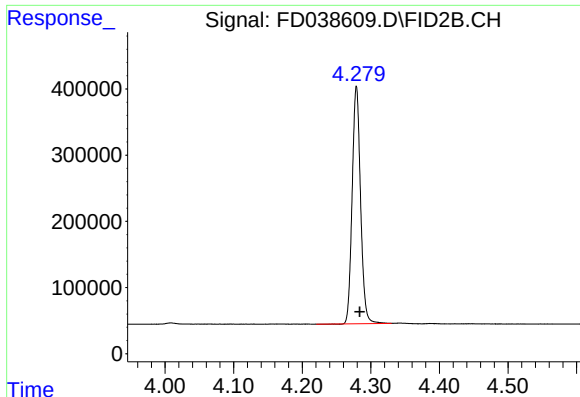
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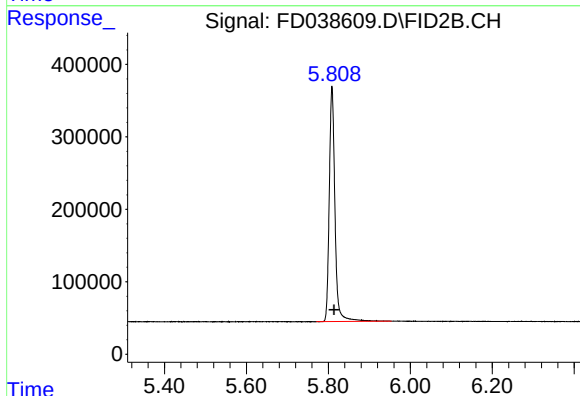




#1 1,2,3-Trimethylbenzene (C10.1)

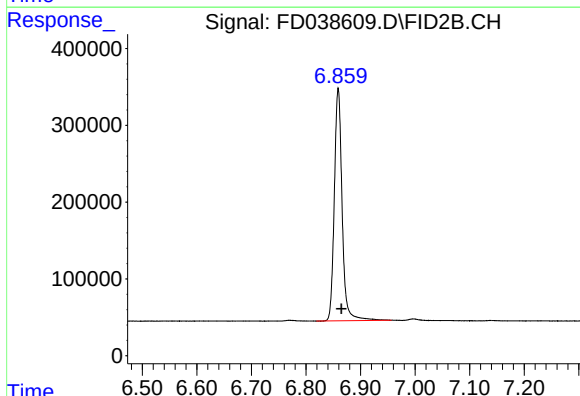
R.T.: 4.279 min
Delta R.T.: -0.005 min
Response: 3045664
Conc: 21.72 ug/ml

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20 PPM AROMATIC HC STD



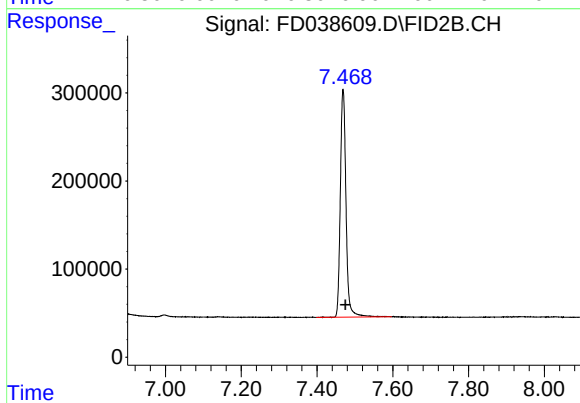
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.005 min
Response: 3123393
Conc: 21.45 ug/ml



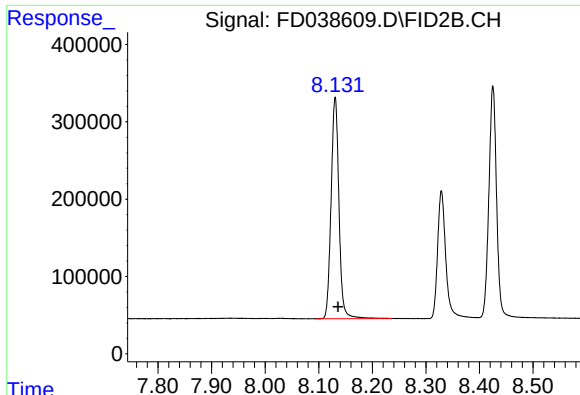
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 3013382
Conc: 20.78 ug/ml



#4 2-Bromonaphthalene (SURR)

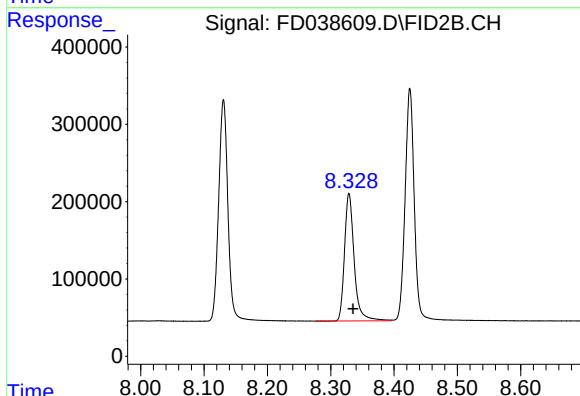
R.T.: 7.469 min
Delta R.T.: -0.007 min
Response: 2686011
Conc: 21.19 ug/ml



#5 Acenaphthylene (C15.06)

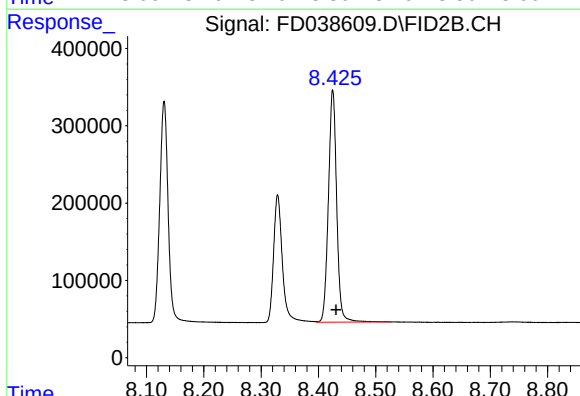
R.T.: 8.131 min
Delta R.T.: -0.005 min
Response: 2918545
Conc: 20.21 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



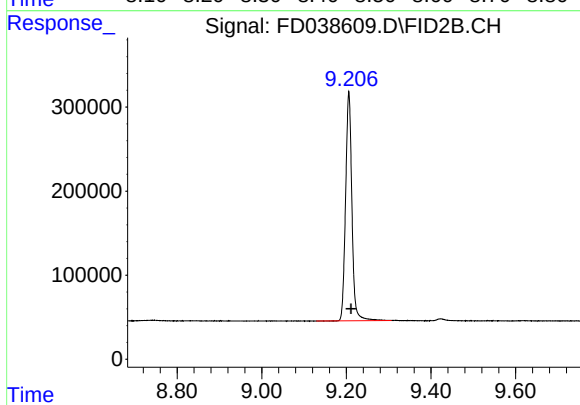
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.006 min
Response: 1753127
Conc: 20.19 ug/ml



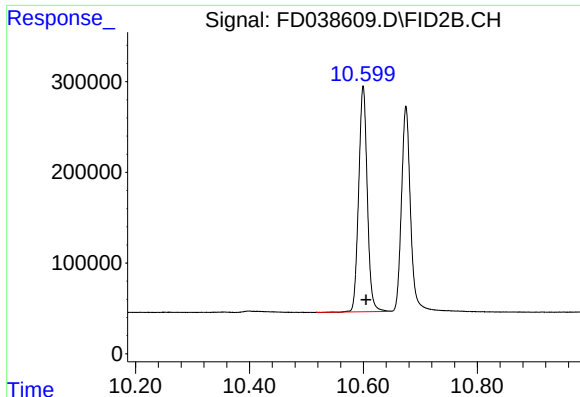
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.006 min
Response: 3021303
Conc: 20.18 ug/ml



#8 Fluorene (C16.55)

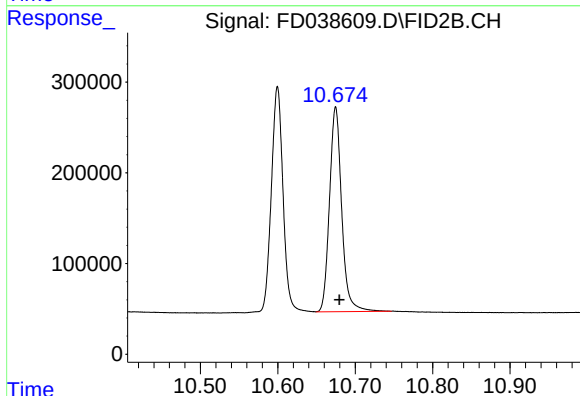
R.T.: 9.206 min
Delta R.T.: -0.005 min
Response: 2814443
Conc: 19.75 ug/ml



#9 Phenanthrene (C19.36)

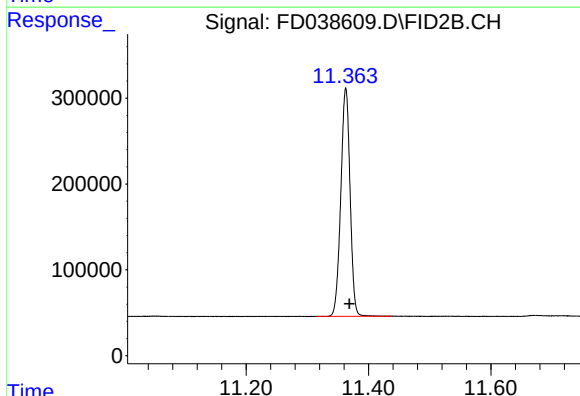
R.T.: 10.600 min
Delta R.T.: -0.005 min
Response: 2611806
Conc: 18.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



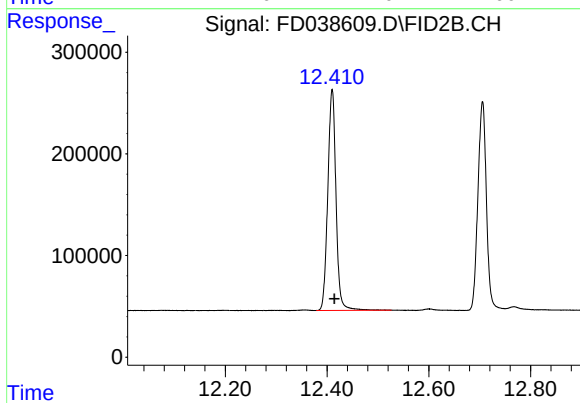
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.005 min
Response: 2471547
Conc: 18.08 ug/ml



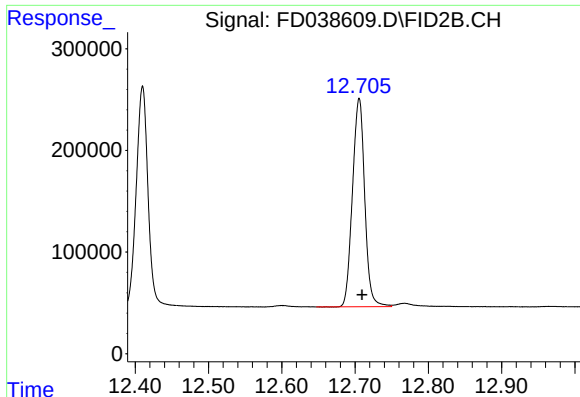
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: -0.006 min
Response: 2791596
Conc: 19.46 ug/ml



#12 Fluoranthene (C21.85)

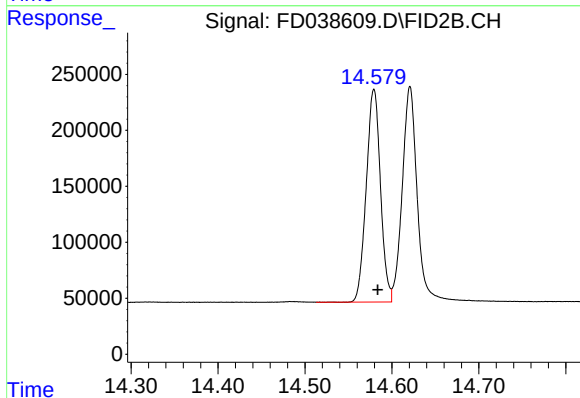
R.T.: 12.410 min
Delta R.T.: -0.004 min
Response: 2441686
Conc: 17.38 ug/ml



#13 Pyrene (C20.8)

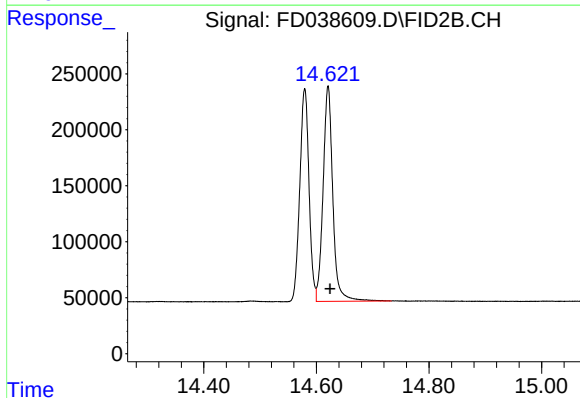
R.T.: 12.706 min
Delta R.T.: -0.004 min
Response: 2379056
Conc: 16.98 ug/ml

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20 PPM AROMATIC HC STD



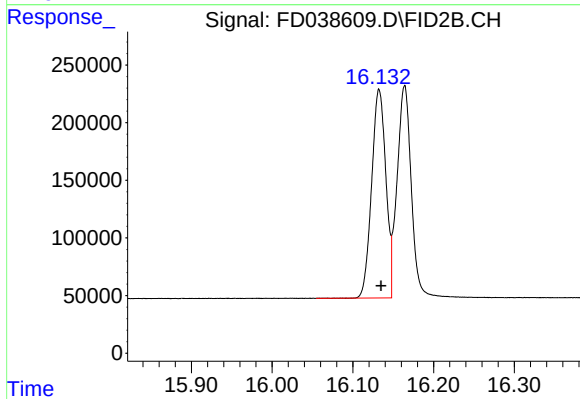
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.004 min
Response: 2155985
Conc: 16.84 ug/ml



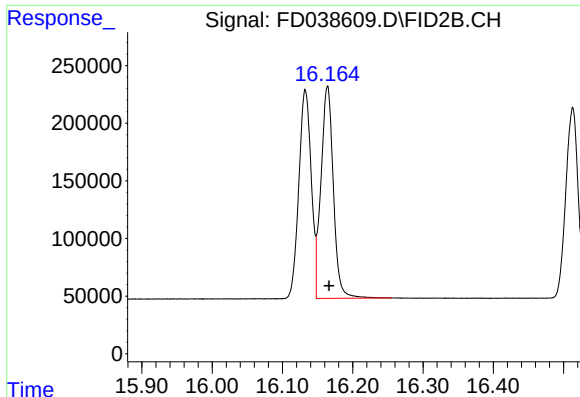
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: -0.004 min
Response: 2306238
Conc: 16.70 ug/ml



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

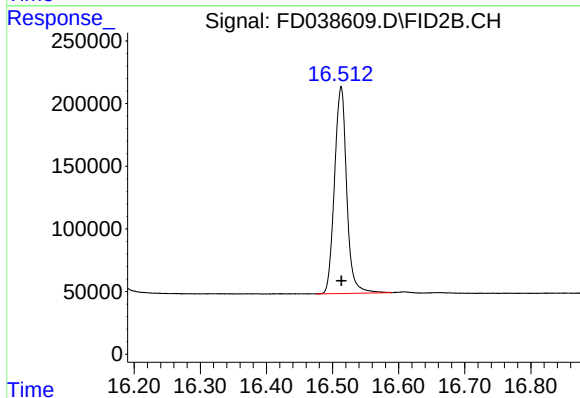
R.T.: 16.132 min
Delta R.T.: -0.003 min
Response: 2209383
Conc: 17.67 ug/ml



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

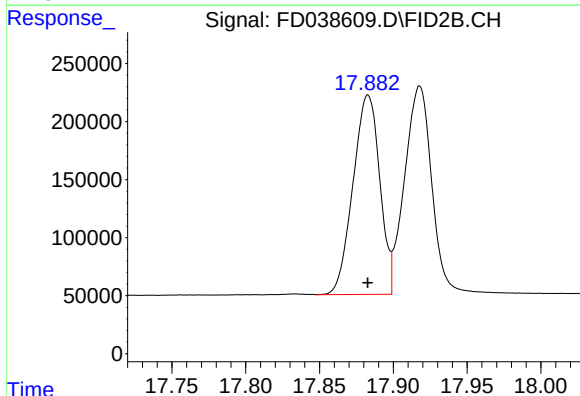
R.T.: 16.164 min
Delta R.T.: -0.002 min
Response: 2262122
Conc: 17.16 ug/ml

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20 PPM AROMATIC HC STD



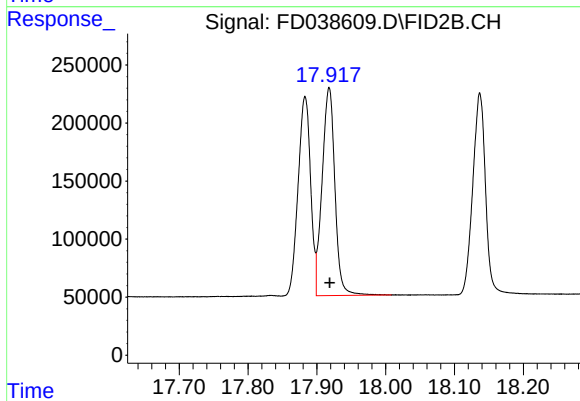
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.000 min
Response: 2114688
Conc: 17.69 ug/ml



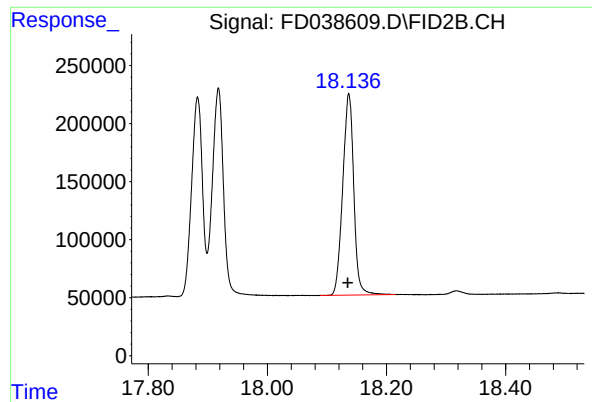
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 2164975
Conc: 19.65 ug/ml



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

R.T.: 17.918 min
Delta R.T.: 0.000 min
Response: 2317617
Conc: 18.83 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.002 min
Response: 2235644
Conc: 19.52 ug/ml

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