

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030920AR\
 Data File : FD032525.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2020 10:10
 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: Mar 10 09:04:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.618	2466321	19.082 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
6) S 2-Fluorobiphenyl (SURR)	8.480	1629762	18.461 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.92%
11) S ortho-Terphenyl (SURR)	11.516	2529547	18.244 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.423	2752131	20.690 ug/ml
2) T Naphthalene (C11.7)	5.959	2803392	19.730 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	2738521	19.292 ug/ml
5) T Acenaphthylene (C15.06)	8.283	2536846	18.545 ug/ml
7) T Acenaphthene (C15.5)	8.578	2646599	18.745 ug/ml
8) T Flouorene (C16.55)	9.357	2554494	18.223 ug/ml
9) T Phenanthrene (C19.36)	10.752	2499031	17.882 ug/ml
10) T Anthracene (C19.43)	10.826	2314908	16.534 ug/ml
12) T Fluoranthene (C21.85)	12.560	2413388	17.207 ug/ml
13) T Pyrene (C20.8)	12.857	2374928	17.273 ug/ml
14) T Benzo[a]anthracene (C...	14.727	2202612	16.880 ug/ml
15) T Chrysene (C27.41)	14.769	2295564	17.052 ug/ml
16) T benzo[b]fluoranthene ...	16.276	2249568	17.535 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2277652	17.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.654	2239246	17.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	2183357	18.322 ug/ml
20) T Dibenz[a,h]anthracene...	18.058	2303499	18.218 ug/ml
21) T Benzo[g,h,i]perylene ...	18.274	2241690	18.962 ug/ml

(f)=RT Delta > 1/2 Window

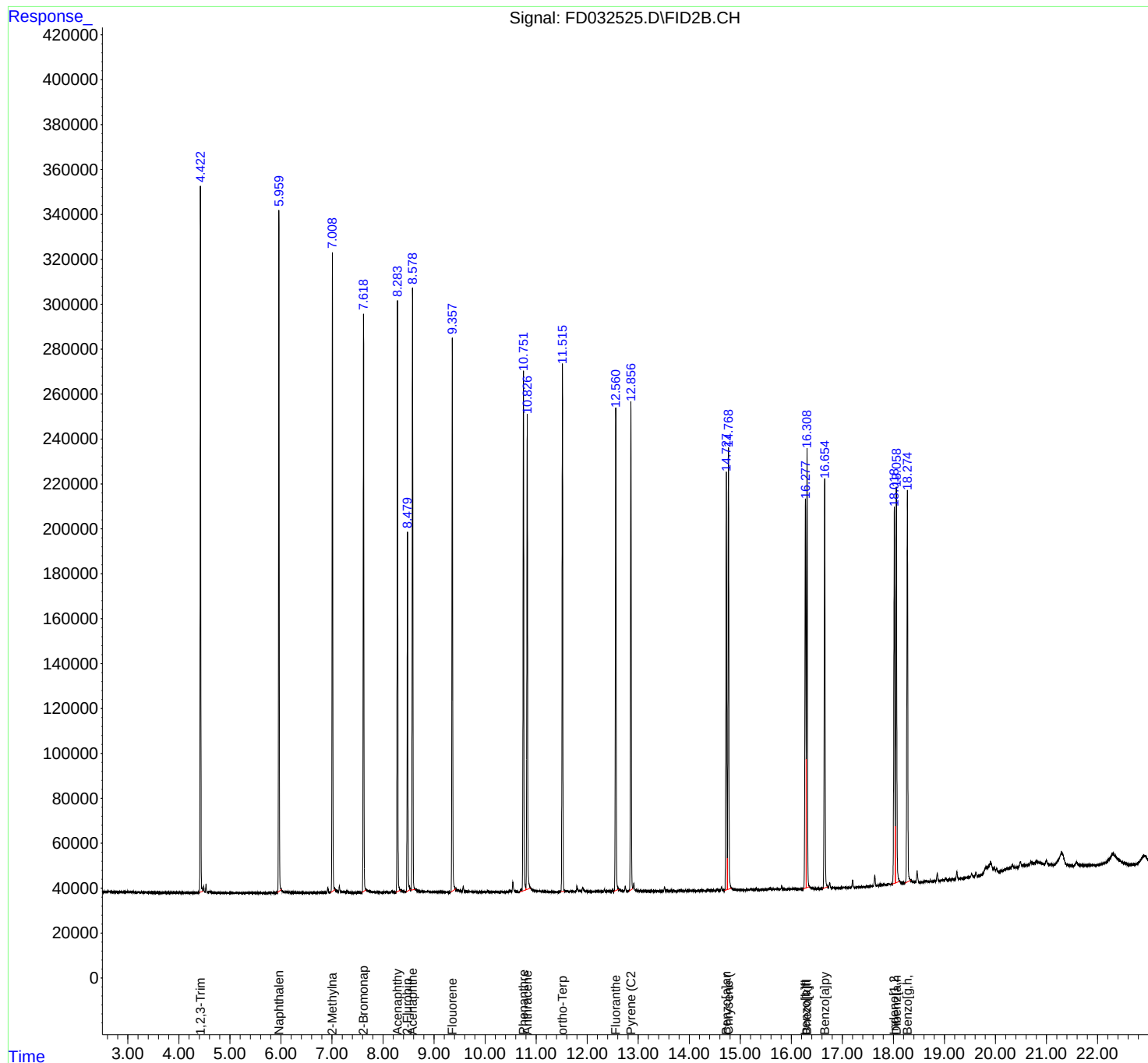
(m)=manual int.

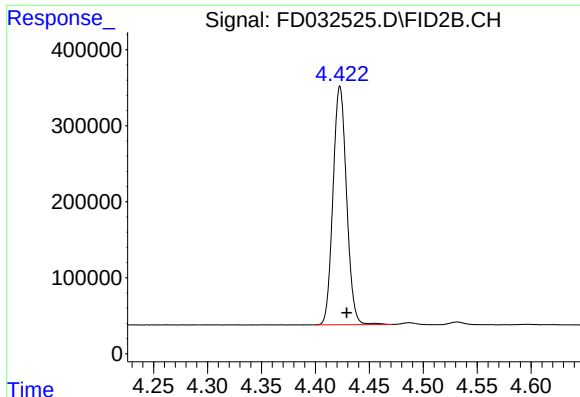
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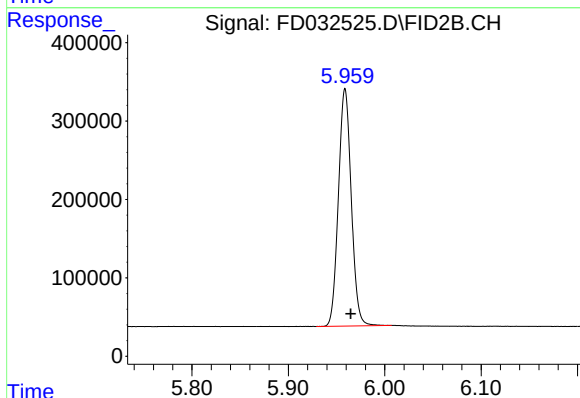




#1 1,2,3-Trimethylbenzene (C10.1)

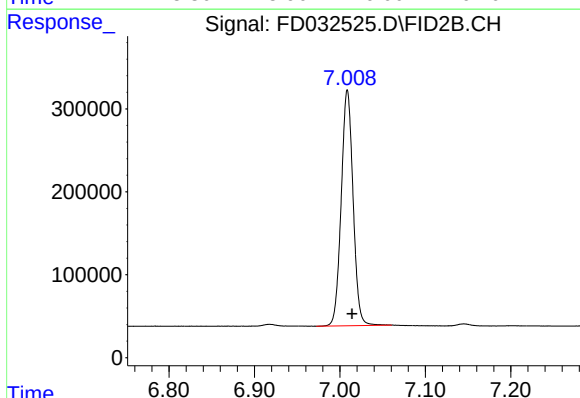
R.T.: 4.423 min
Delta R.T.: -0.006 min
Response: 2752131
Conc: 20.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



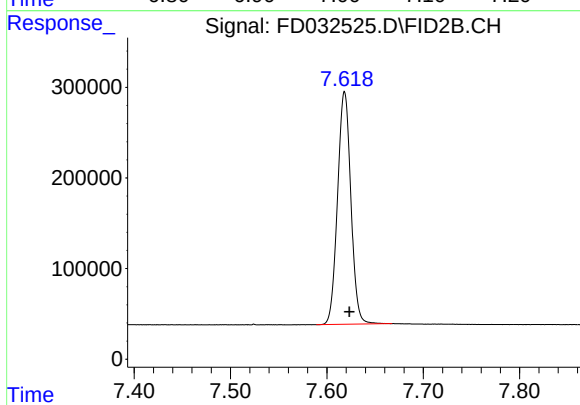
#2 Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.006 min
Response: 2803392
Conc: 19.73 ug/ml



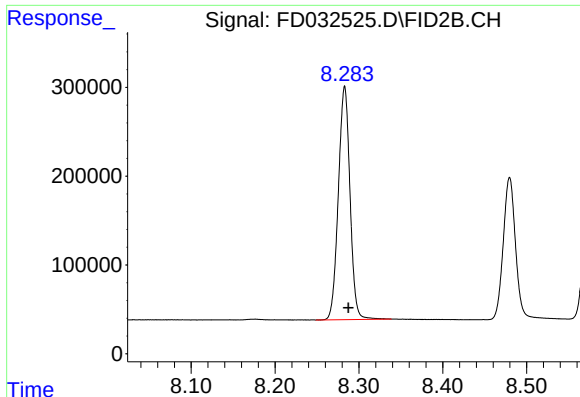
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.005 min
Response: 2738521
Conc: 19.29 ug/ml



#4 2-Bromonaphthalene (SURR)

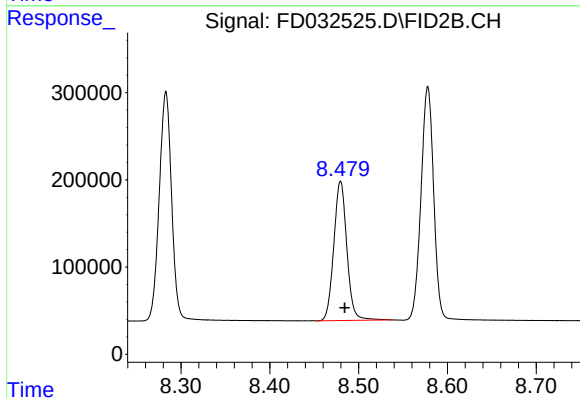
R.T.: 7.618 min
Delta R.T.: -0.005 min
Response: 2466321
Conc: 19.08 ug/ml



#5 Acenaphthylene (C15.06)

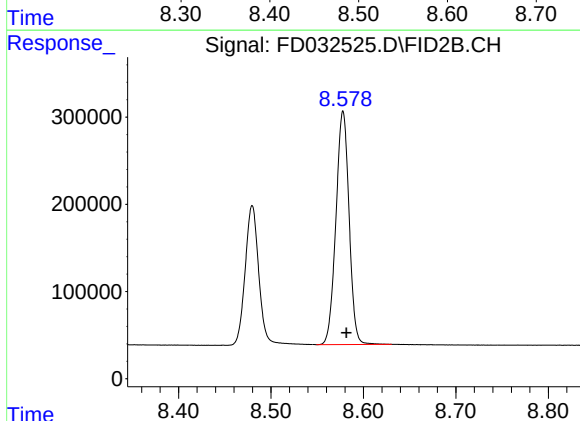
R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 2536846
Conc: 18.55 ug/ml

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20 PPM AROMATIC HC STD



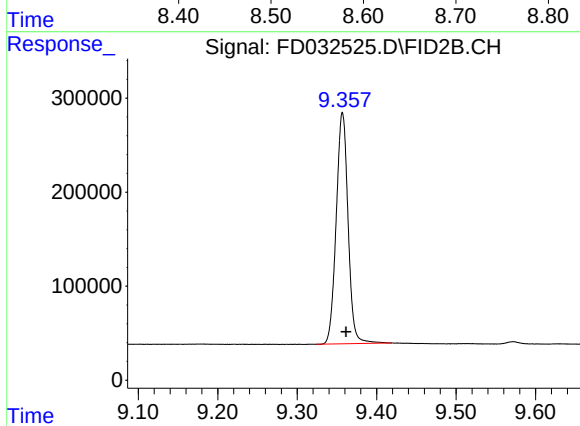
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.005 min
Response: 1629762
Conc: 18.46 ug/ml



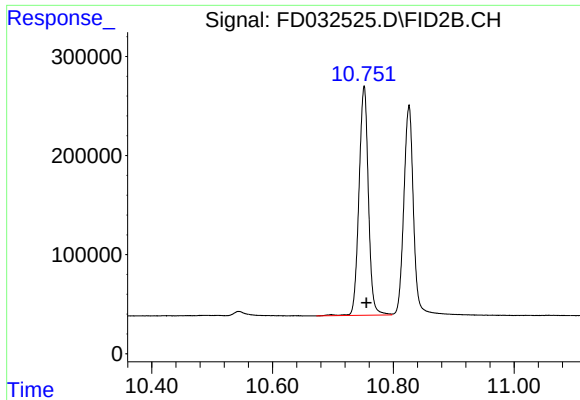
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 2646599
Conc: 18.75 ug/ml



#8 Fluorene (C16.55)

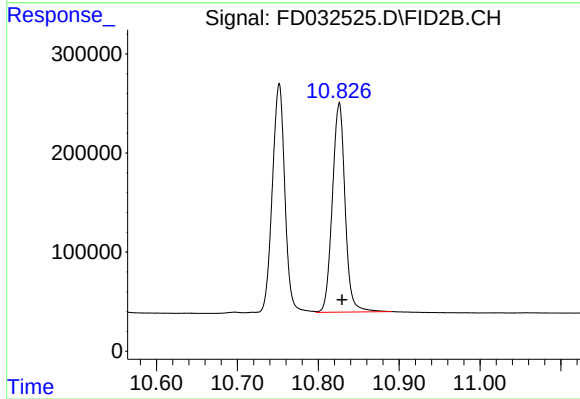
R.T.: 9.357 min
Delta R.T.: -0.005 min
Response: 2554494
Conc: 18.22 ug/ml



#9 Phenanthrene (C19.36)

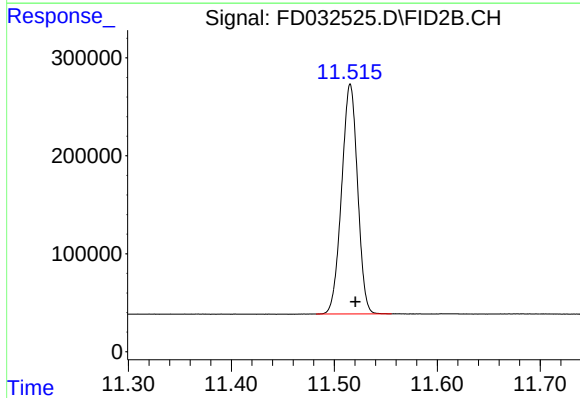
R.T.: 10.752 min
Delta R.T.: -0.004 min
Response: 2499031
Conc: 17.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



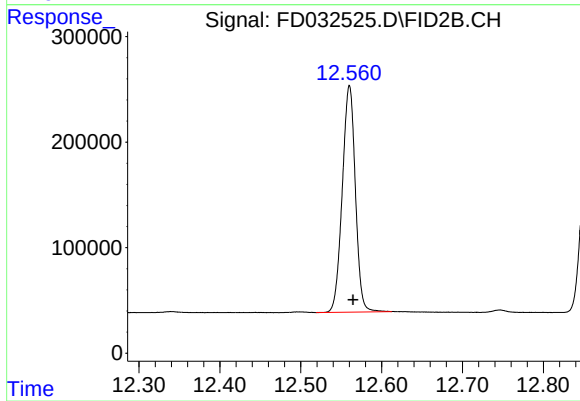
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.003 min
Response: 2314908
Conc: 16.53 ug/ml



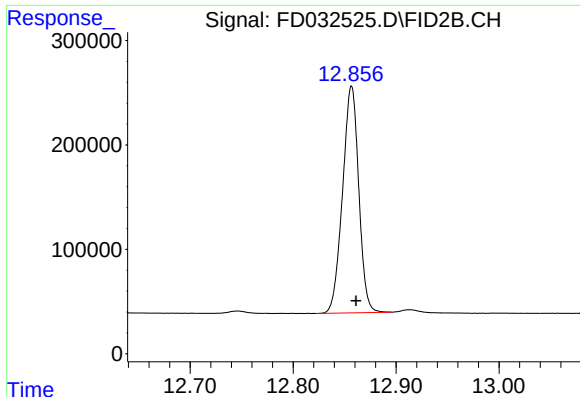
#11 ortho-Terphenyl (SURR)

R.T.: 11.516 min
Delta R.T.: -0.005 min
Response: 2529547
Conc: 18.24 ug/ml



#12 Fluoranthene (C21.85)

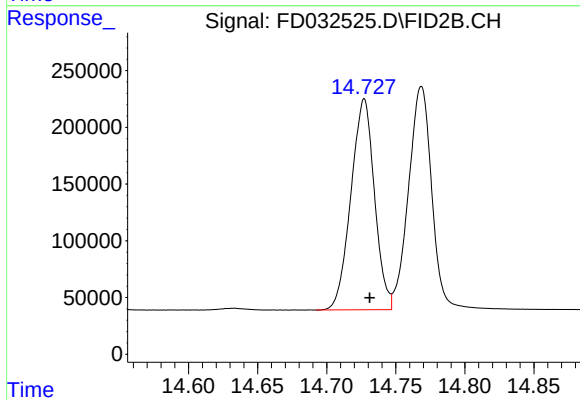
R.T.: 12.560 min
Delta R.T.: -0.005 min
Response: 2413388
Conc: 17.21 ug/ml



#13 Pyrene (C20.8)

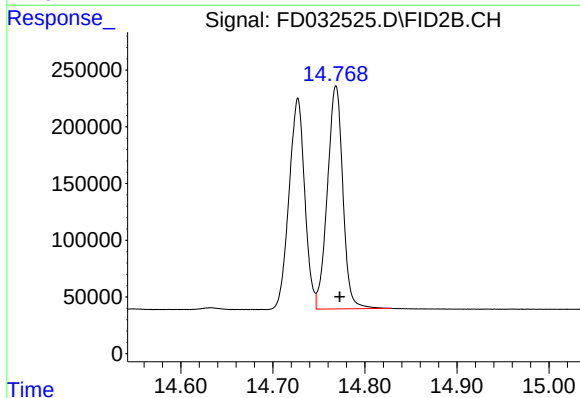
R.T.: 12.857 min
Delta R.T.: -0.004 min
Response: 2374928
Conc: 17.27 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



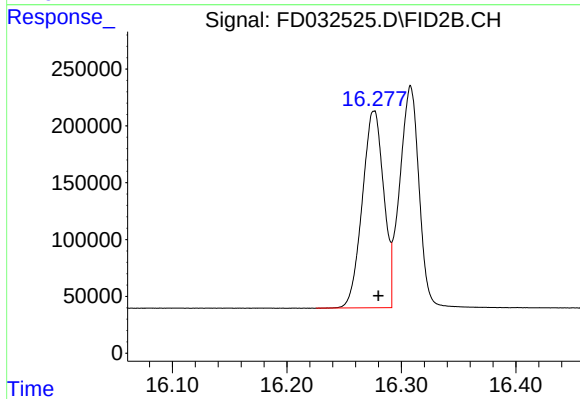
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.727 min
Delta R.T.: -0.004 min
Response: 2202612
Conc: 16.88 ug/ml



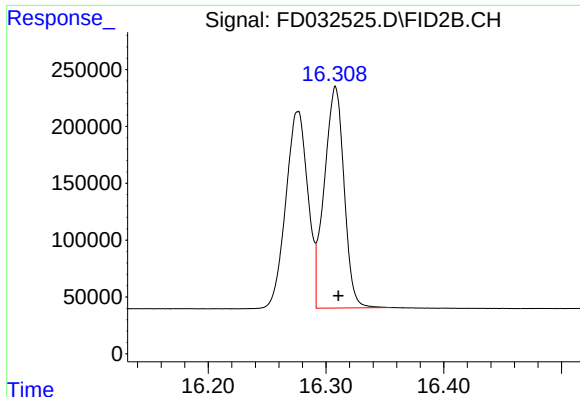
#15 Chrysene (C27.41)

R.T.: 14.769 min
Delta R.T.: -0.004 min
Response: 2295564
Conc: 17.05 ug/ml



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

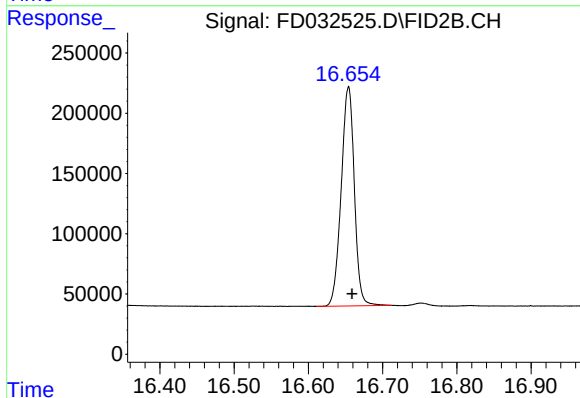
R.T.: 16.276 min
Delta R.T.: -0.004 min
Response: 2249568
Conc: 17.54 ug/ml



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

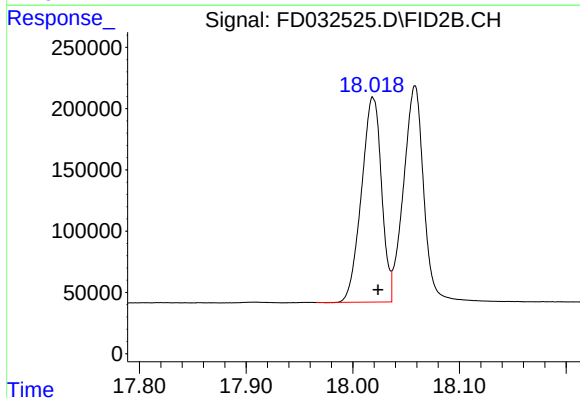
R.T.: 16.308 min
Delta R.T.: -0.002 min
Response: 2277652
Conc: 17.35 ug/ml

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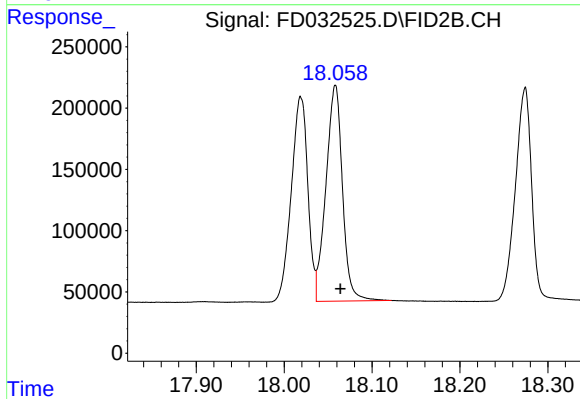
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: -0.005 min
Response: 2239246
Conc: 17.58 ug/ml



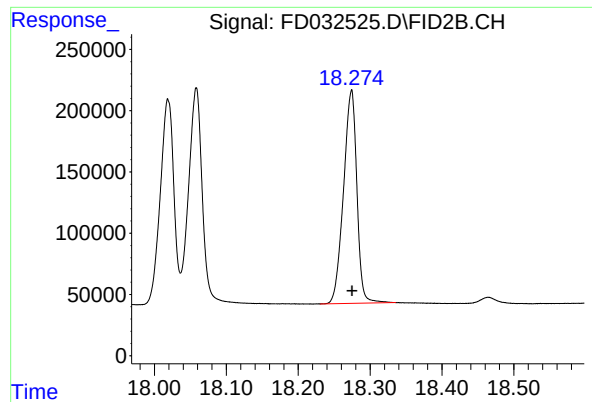
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: -0.005 min
Response: 2183357
Conc: 18.32 ug/ml



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

R.T.: 18.058 min
Delta R.T.: -0.006 min
Response: 2303499
Conc: 18.22 ug/ml



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

R.T.: 18.274 min
Delta R.T.: 0.000 min
Response: 2241690
Conc: 18.96 ug/ml

Instrument :
FID_D
ClientSampleId :
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