

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031020AR\
 Data File : FD032555.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2020 20:42
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 11 02:32:00 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	2683002	20.759 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
6) S 2-Fluorobiphenyl (SURR)	8.479	1758197	19.916 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.83%
11) S ortho-Terphenyl (SURR)	11.514	2717978	19.603 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3004940	22.590 ug/ml
2) T Naphthalene (C11.7)	5.959	3058573	21.526 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	2976955	20.971 ug/ml
5) T Acenaphthylene (C15.06)	8.282	2742808	20.051 ug/ml
7) T Acenaphthene (C15.5)	8.577	2873052	20.349 ug/ml
8) T Fluorene (C16.55)	9.356	2753845	19.645 ug/ml
9) T Phenanthrene (C19.36)	10.750	2646243	18.936 ug/ml
10) T Anthracene (C19.43)	10.824	2427528	17.339 ug/ml
12) T Fluoranthene (C21.85)	12.559	2600570	18.542 ug/ml
13) T Pyrene (C20.8)	12.856	2559169	18.613 ug/ml
14) T Benzo[a]anthracene (C...	14.726	2384896	18.276 ug/ml
15) T Chrysene (C27.41)	14.768	2513044	18.668 ug/ml
16) T benzo[b]fluoranthene ...	16.275	2464187	19.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2490351	18.970 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	2446405	19.204 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	2409457	20.220 ug/ml
20) T Dibenz[a,h]anthracene...	18.058	2579786	20.403 ug/ml
21) T Benzo[g,h,i]perylene ...	18.274	2462443	20.830 ug/ml

(f)=RT Delta > 1/2 Window

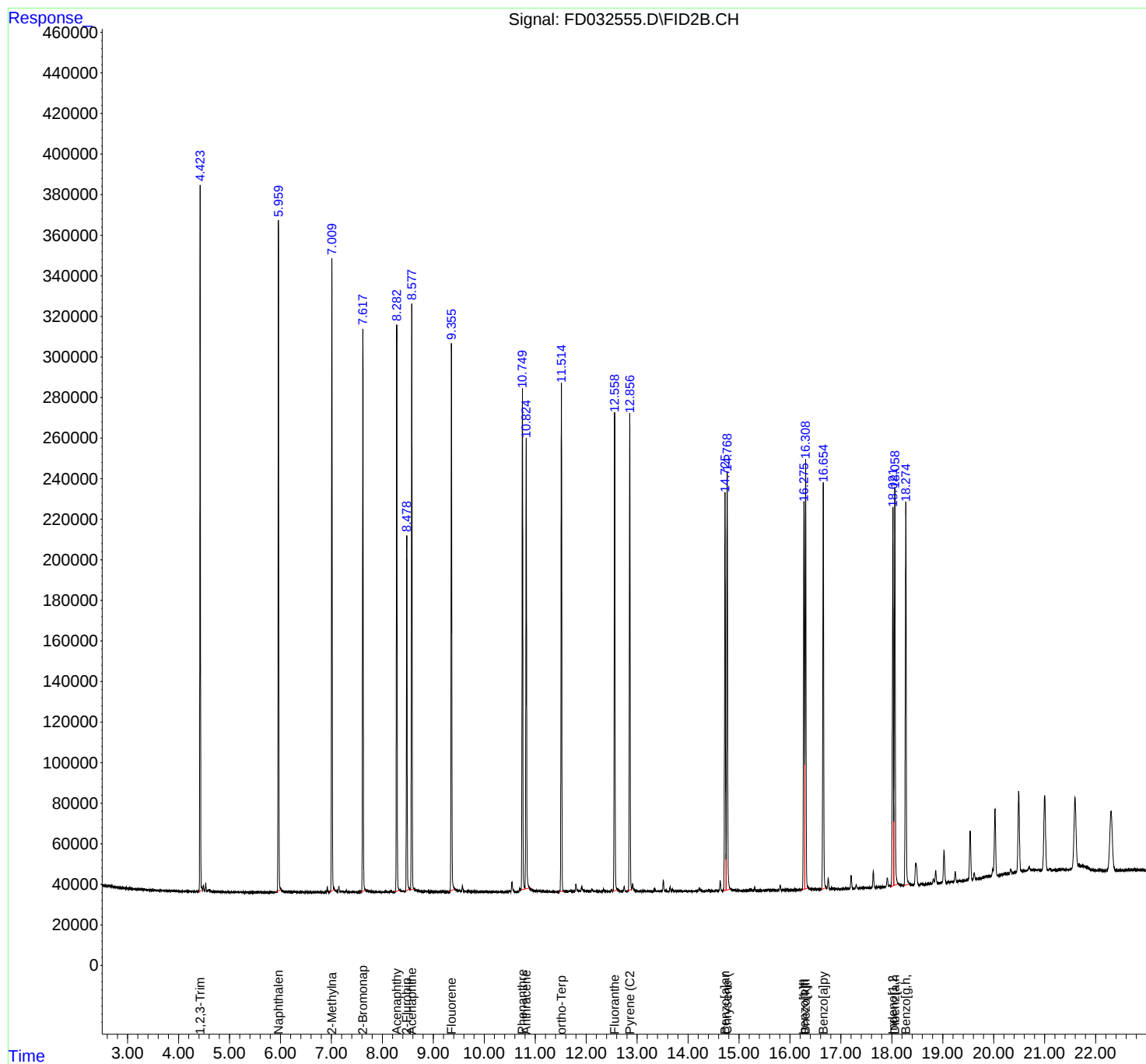
(m)=manual int.

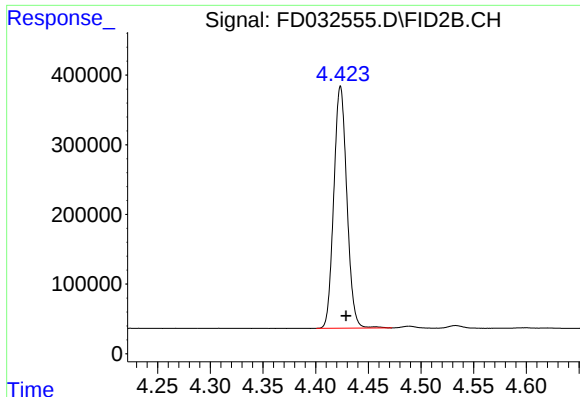
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031020AR\
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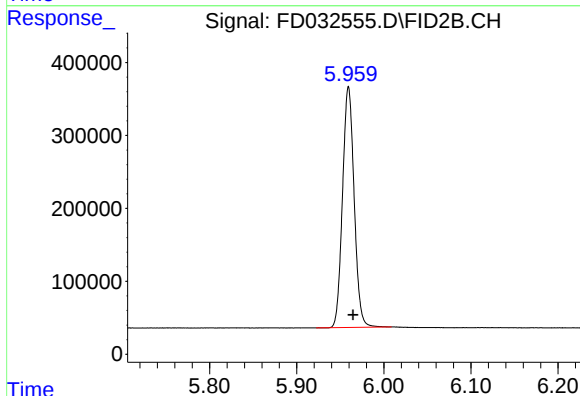




#1 1,2,3-Trimethylbenzene (C10.1)

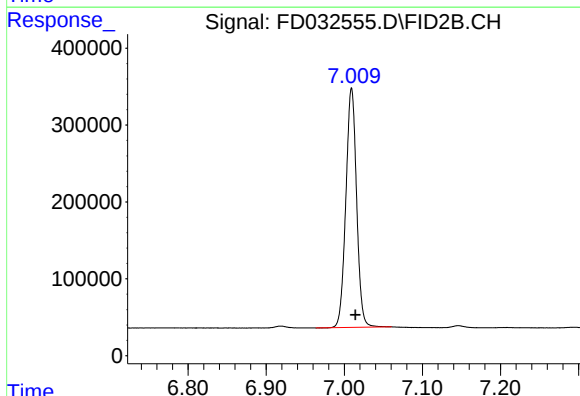
R.T.: 4.424 min
Delta R.T.: -0.005 min
Response: 3004940
Conc: 22.59 ug/ml

Instrument :
FID_D
ClientSampleId :



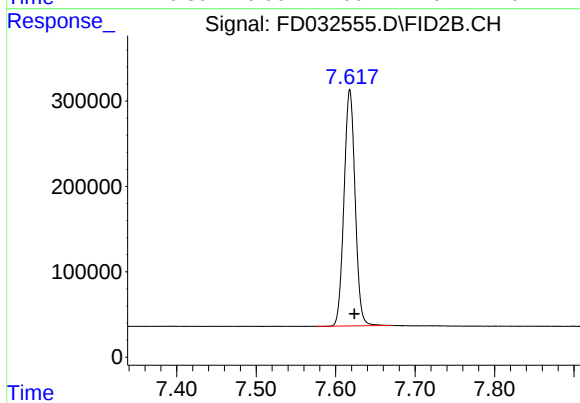
#2 Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.005 min
Response: 3058573
Conc: 21.53 ug/ml



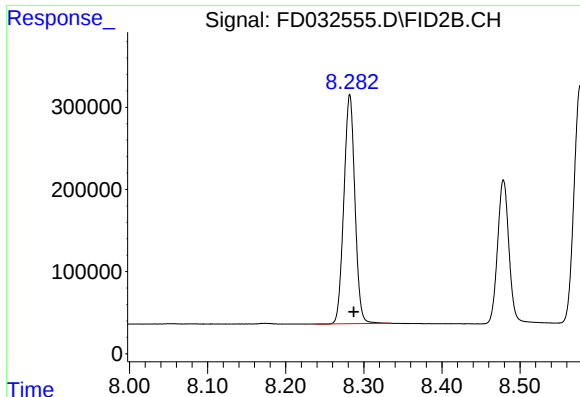
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.005 min
Response: 2976955
Conc: 20.97 ug/ml



#4 2-Bromonaphthalene (SURR)

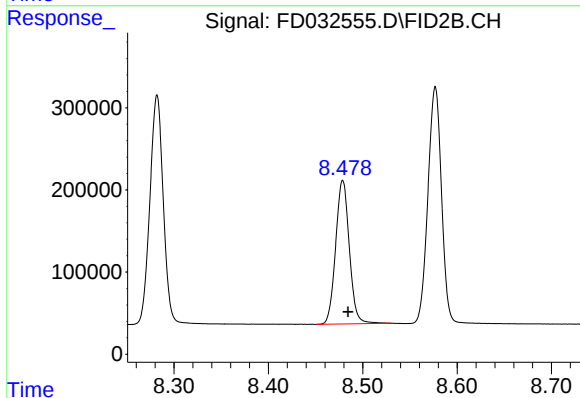
R.T.: 7.618 min
Delta R.T.: -0.006 min
Response: 2683002
Conc: 20.76 ug/ml



#5 Acenaphthylene (C15.06)

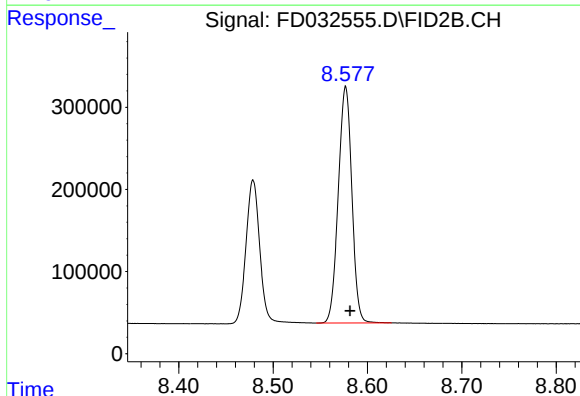
R.T.: 8.282 min
Delta R.T.: -0.005 min
Response: 2742808
Conc: 20.05 ug/ml

Instrument :
FID_D
ClientSampleId :



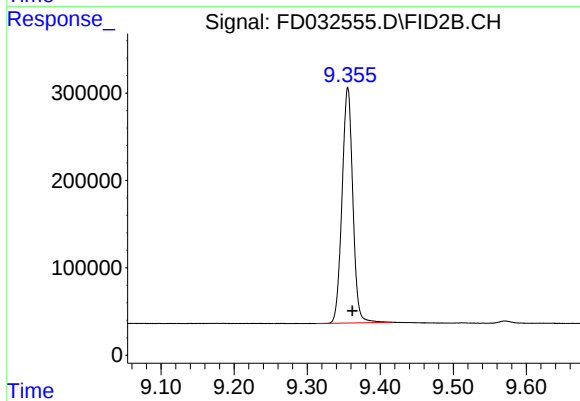
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: -0.006 min
Response: 1758197
Conc: 19.92 ug/ml



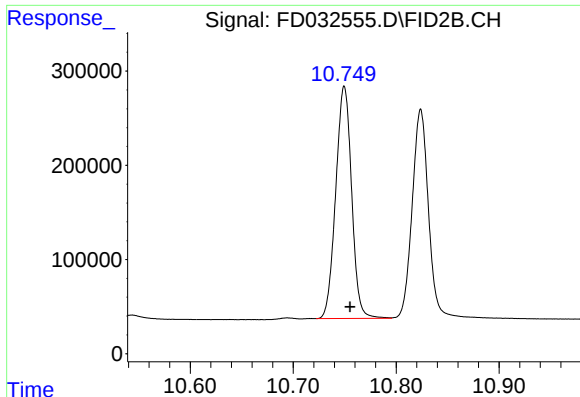
#7 Acenaphthene (C15.5)

R.T.: 8.577 min
Delta R.T.: -0.005 min
Response: 2873052
Conc: 20.35 ug/ml



#8 Fluorene (C16.55)

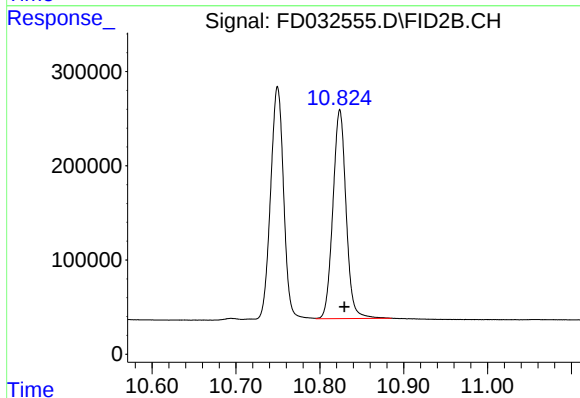
R.T.: 9.356 min
Delta R.T.: -0.006 min
Response: 2753845
Conc: 19.64 ug/ml



#9 Phenanthrene (C19.36)

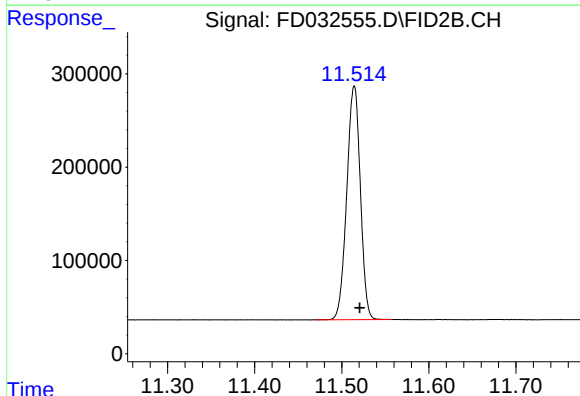
R.T.: 10.750 min
Delta R.T.: -0.006 min
Response: 2646243
Conc: 18.94 ug/ml

Instrument :
FID_D
ClientSampleId :



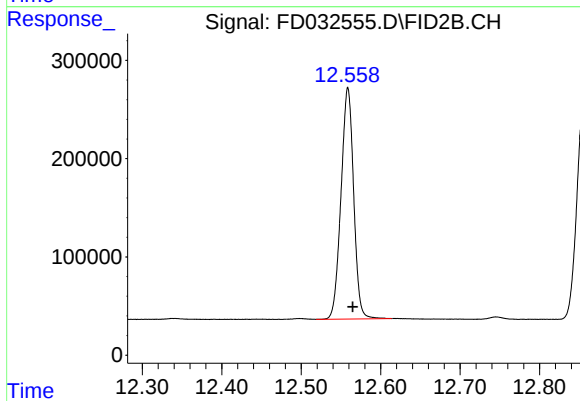
#10 Anthracene (C19.43)

R.T.: 10.824 min
Delta R.T.: -0.005 min
Response: 2427528
Conc: 17.34 ug/ml



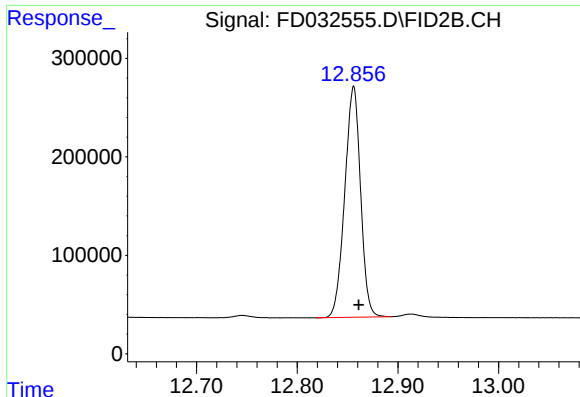
#11 ortho-Terphenyl (SURR)

R.T.: 11.514 min
Delta R.T.: -0.006 min
Response: 2717978
Conc: 19.60 ug/ml



#12 Fluoranthene (C21.85)

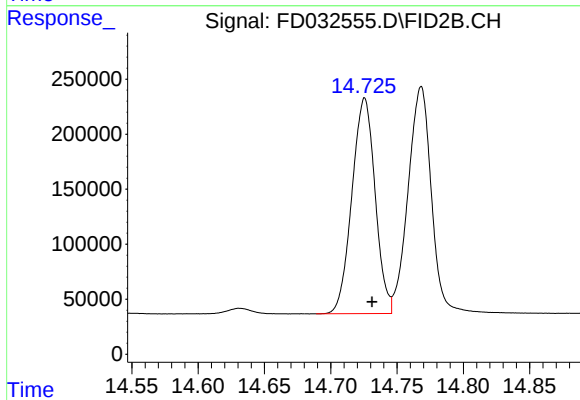
R.T.: 12.559 min
Delta R.T.: -0.006 min
Response: 2600570
Conc: 18.54 ug/ml



#13 Pyrene (C20.8)

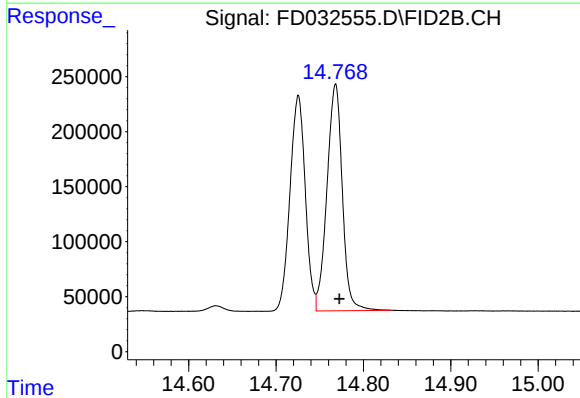
R.T.: 12.856 min
Delta R.T.: -0.005 min
Response: 2559169
Conc: 18.61 ug/ml

Instrument :
FID_D
ClientSampleId :



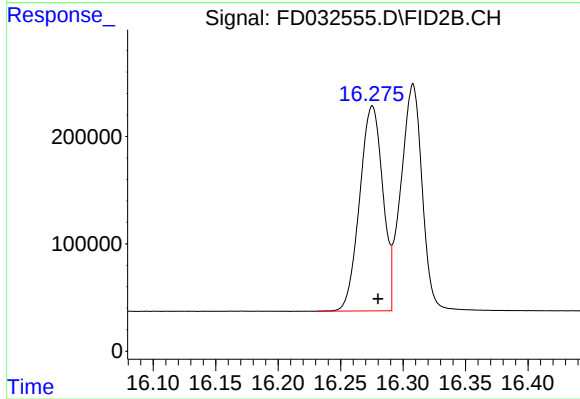
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.726 min
Delta R.T.: -0.006 min
Response: 2384896
Conc: 18.28 ug/ml



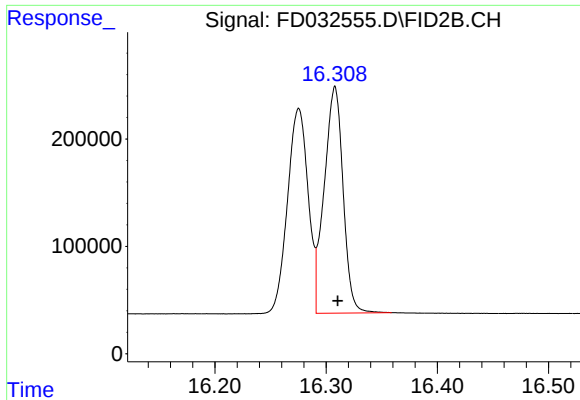
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: -0.004 min
Response: 2513044
Conc: 18.67 ug/ml



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

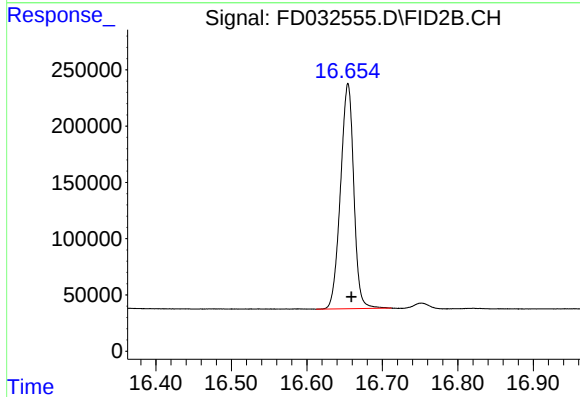
R.T.: 16.275 min
Delta R.T.: -0.005 min
Response: 2464187
Conc: 19.21 ug/ml



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

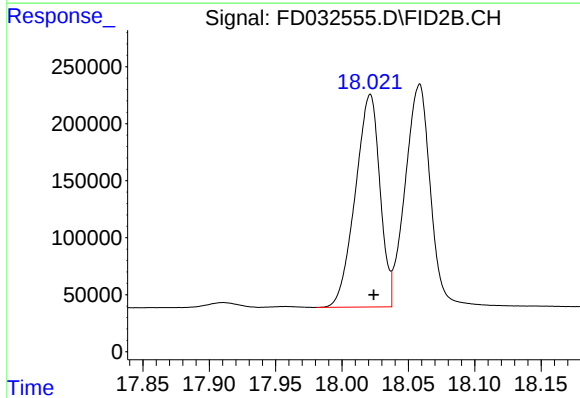
R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 2490351
Conc: 18.97 ug/ml

Instrument :
FID_D
ClientSampleId :



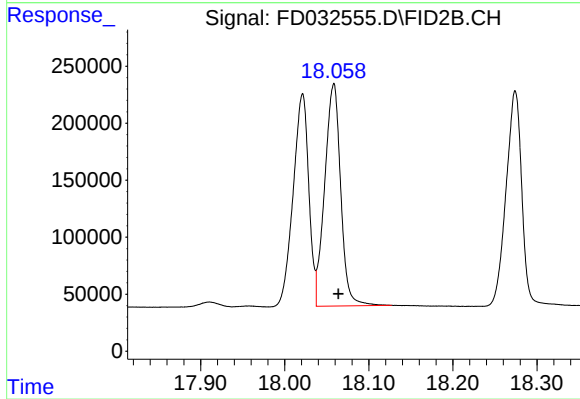
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: -0.004 min
Response: 2446405
Conc: 19.20 ug/ml



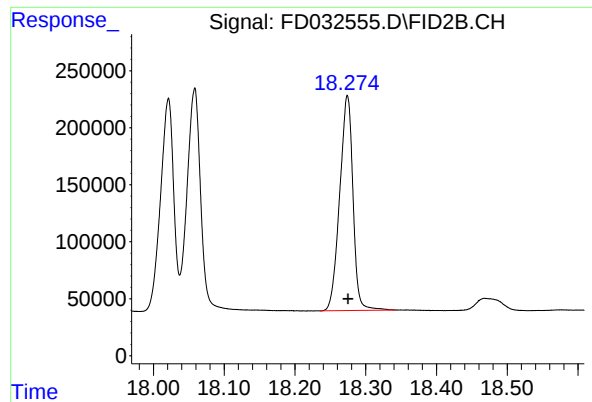
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.003 min
Response: 2409457
Conc: 20.22 ug/ml



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

R.T.: 18.058 min
Delta R.T.: -0.005 min
Response: 2579786
Conc: 20.40 ug/ml



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

R.T.: 18.274 min
Delta R.T.: 0.000 min
Response: 2462443
Conc: 20.83 ug/ml

Instrument :
FID_D
ClientSampleId :