

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036417.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2021 1:44
 Operator : DD\AJ
 Sample : M1687-01MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 02:17:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.625	31193172	264.638 ug/ml
Spiked Amount 50.000		Recovery =	529.28%
6) S 2-Fluorobiphenyl (SURR)	8.490	26517886	318.641 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	637.28%#
11) S ortho-Terphenyl (SURR)	11.522	23310683	165.459 ug/ml
Spiked Amount 50.000		Recovery =	330.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.410	13795905	110.035 ug/ml
2) T Naphthalene (C11.7)	5.955	12811498	94.543 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	49212357	360.392 ug/ml
5) T Acenaphthylene (C15.06)	8.255	8911794	66.239 ug/ml
7) T Acenaphthene (C15.5)	8.551	12429974	89.803 ug/ml
8) T Fluorene (C16.55)	9.327	9077850	66.519 ug/ml
9) T Phenanthrene (C19.36)	10.761	20334567	147.591 ug/ml
10) T Anthracene (C19.43)	10.836	22451931	167.231 ug/ml
12) T Fluoranthene (C21.85)	12.570	19134759	137.785 ug/ml
13) T Pyrene (C20.8)	12.866	16567451	120.843 ug/ml
14) T Benzo[a]anthracene (C...	14.727	8654985	68.428 ug/ml
15) T Chrysene (C27.41)	14.772	10089180	77.908 ug/ml
16) T benzo[b]fluoranthene ...	16.272	7778895	63.917 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	6924607	58.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	7283683	66.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	7472564	67.539 ug/ml
20) T Dibenz[a,h]anthracene...	18.051	7099554	64.155 ug/ml
21) T Benzo[g,h,i]perylene ...	18.269	7044587	63.710 ug/ml

(f)=RT Delta > 1/2 Window

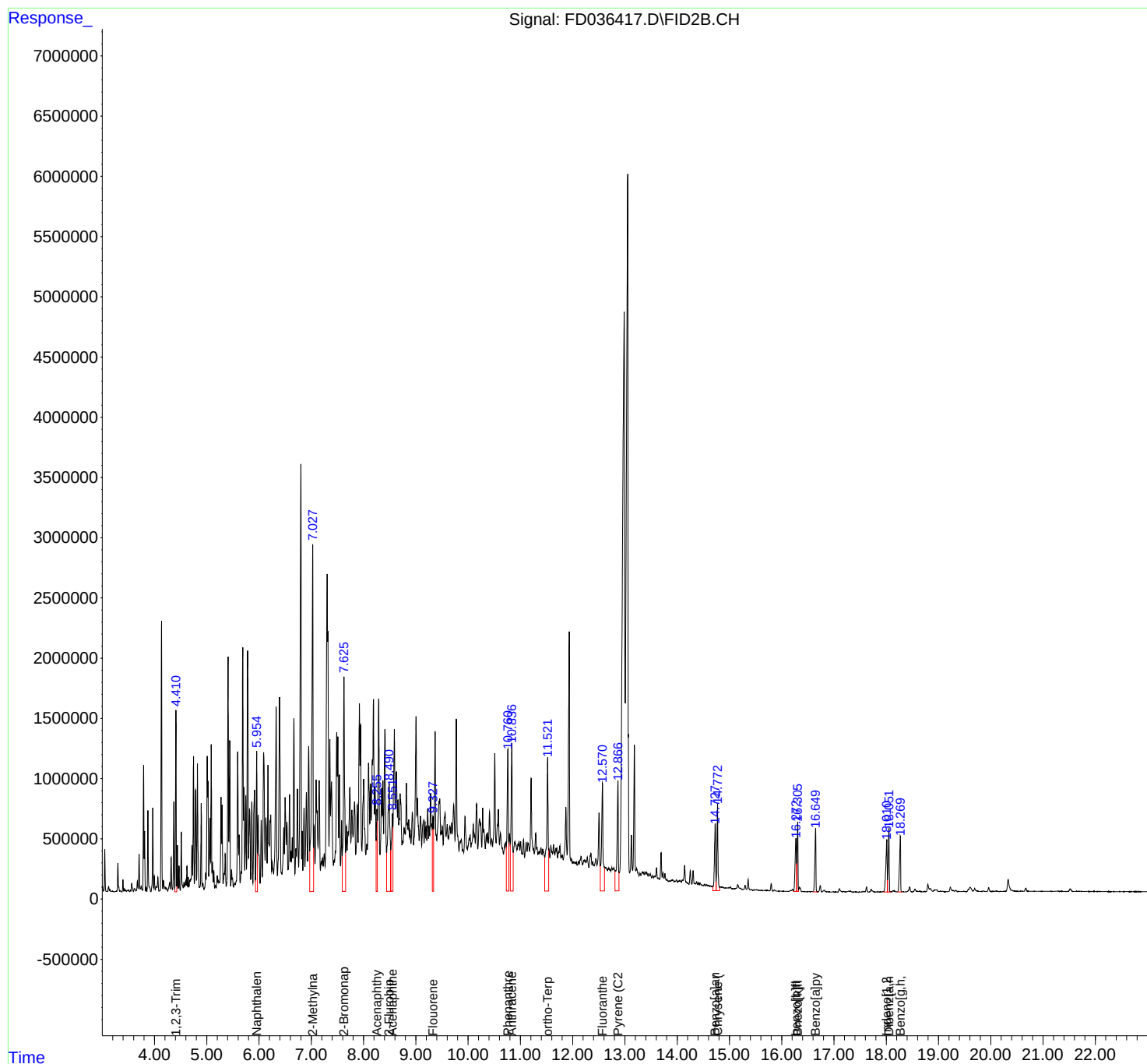
(m)=manual int.

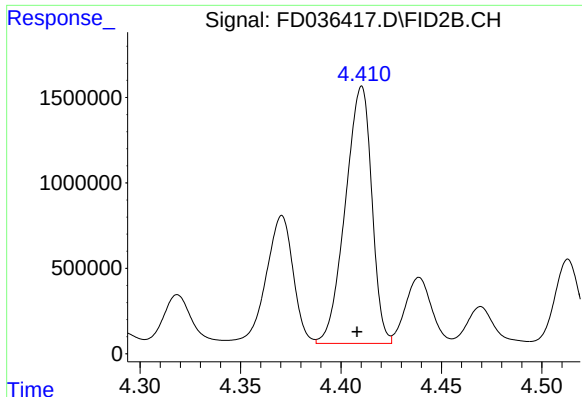
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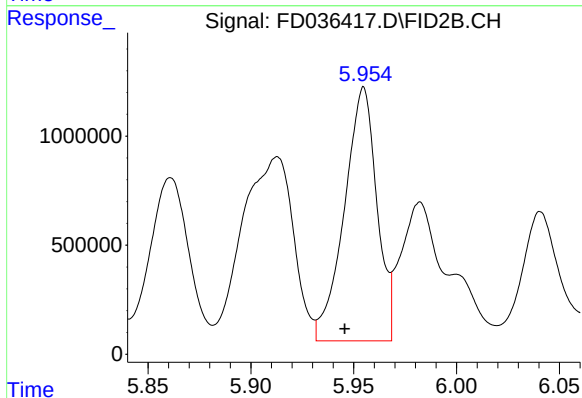




#1 1,2,3-Trimethylbenzene (C10.1)

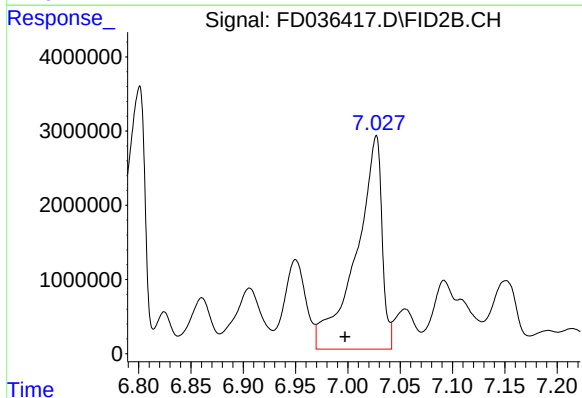
R.T.: 4.410 min
Delta R.T.: 0.002 min
Response: 13795905
Conc: 110.03 ug/ml

Instrument :
FID_D
ClientSampleId :



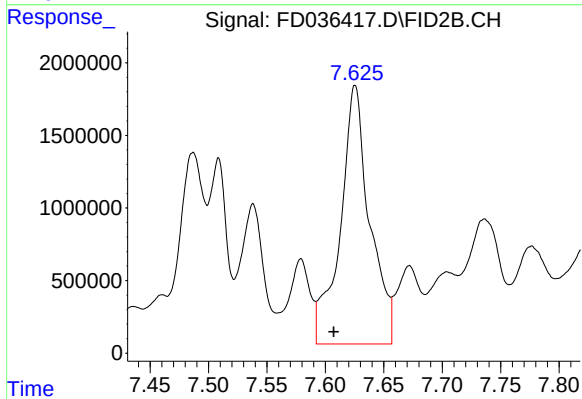
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.009 min
Response: 12811498
Conc: 94.54 ug/ml



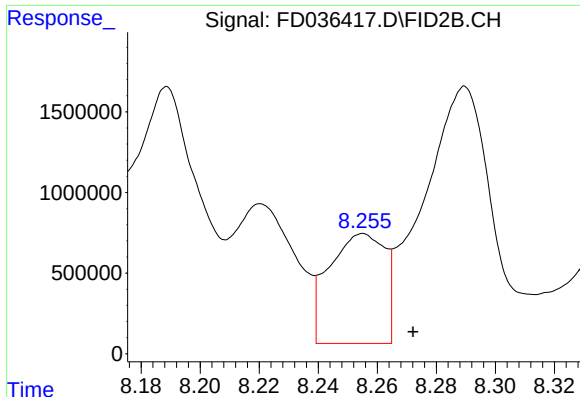
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: 0.030 min
Response: 49212357
Conc: 360.39 ug/ml



#4 2-Bromonaphthalene (SURR)

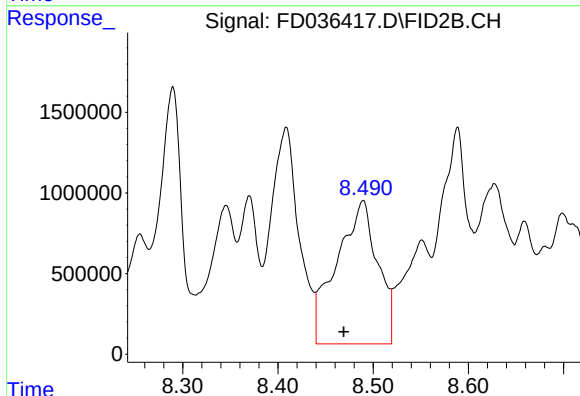
R.T.: 7.625 min
Delta R.T.: 0.018 min
Response: 31193172
Conc: 264.64 ug/ml



#5 Acenaphthylene (C15.06)

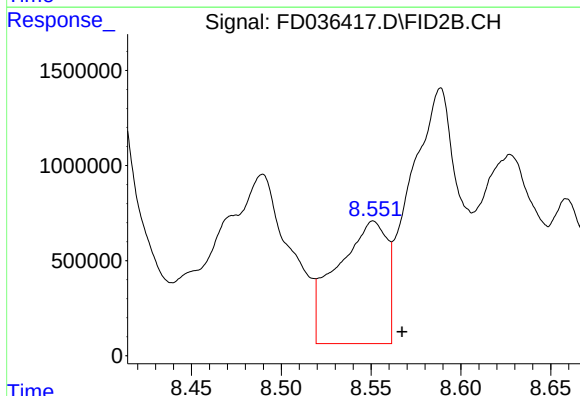
R.T.: 8.255 min
Delta R.T.: -0.017 min
Response: 8911794
Conc: 66.24 ug/ml

Instrument :
FID_D
ClientSampleId :



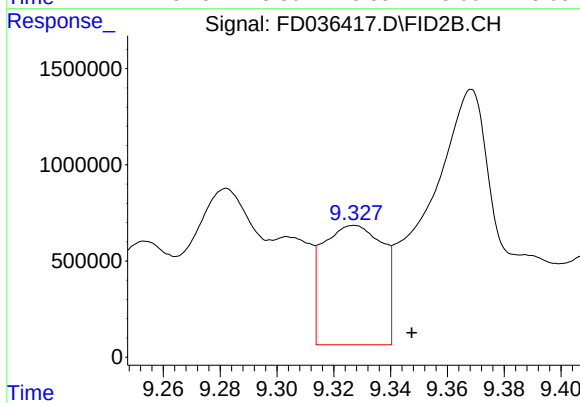
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: 0.021 min
Response: 26517886
Conc: 318.64 ug/ml



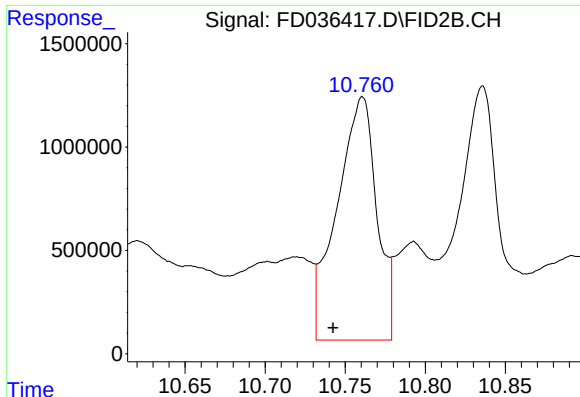
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.016 min
Response: 12429974
Conc: 89.80 ug/ml



#8 Flouorene (C16.55)

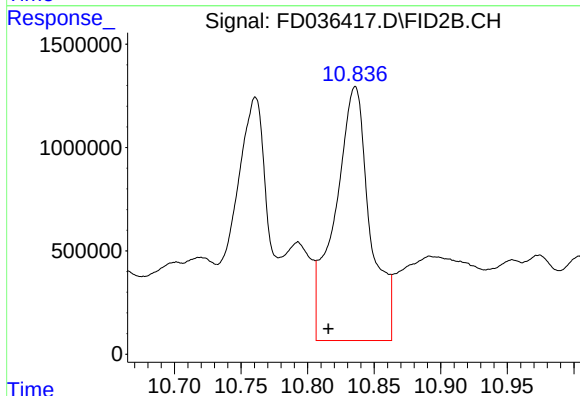
R.T.: 9.327 min
Delta R.T.: -0.020 min
Response: 9077850
Conc: 66.52 ug/ml



#9 Phenanthrene (C19.36)

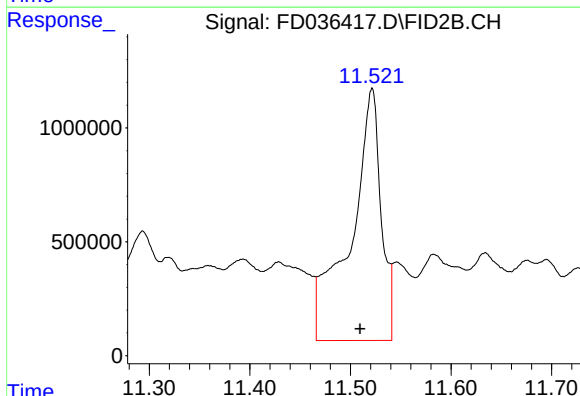
R.T.: 10.761 min
Delta R.T.: 0.018 min
Response: 20334567
Conc: 147.59 ug/ml

Instrument :
FID_D
ClientSampleId :



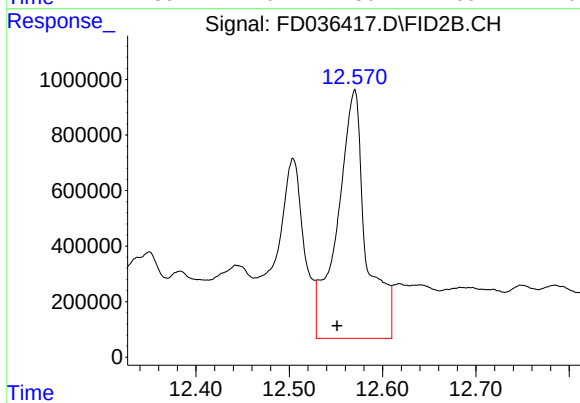
#10 Anthracene (C19.43)

R.T.: 10.836 min
Delta R.T.: 0.020 min
Response: 22451931
Conc: 167.23 ug/ml



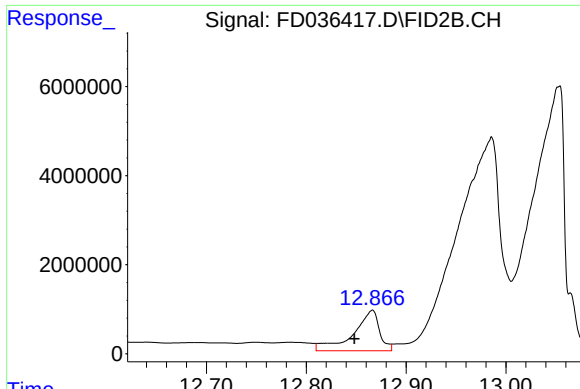
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.012 min
Response: 23310683
Conc: 165.46 ug/ml



#12 Fluoranthene (C21.85)

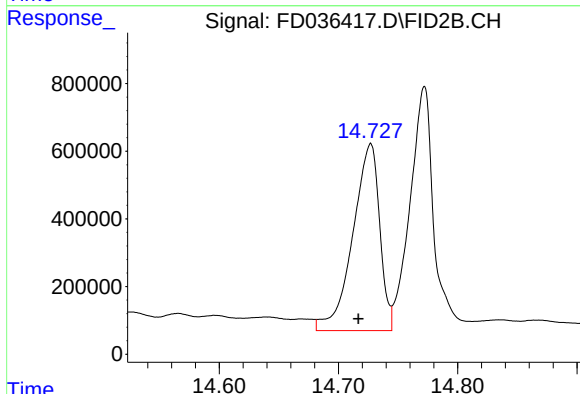
R.T.: 12.570 min
Delta R.T.: 0.019 min
Response: 19134759
Conc: 137.78 ug/ml



#13 Pyrene (C20.8)

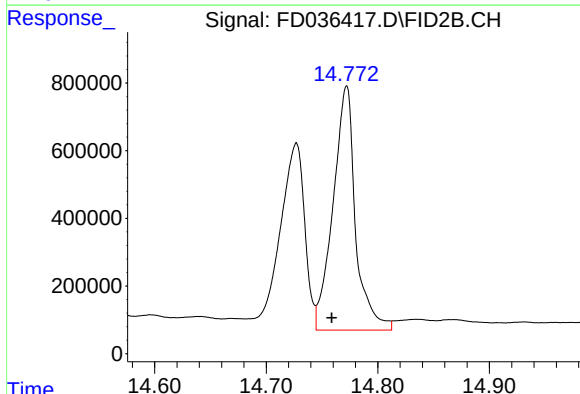
R.T.: 12.866 min
Delta R.T.: 0.018 min
Response: 16567451
Conc: 120.84 ug/ml

Instrument :
FID_D
ClientSampleId :



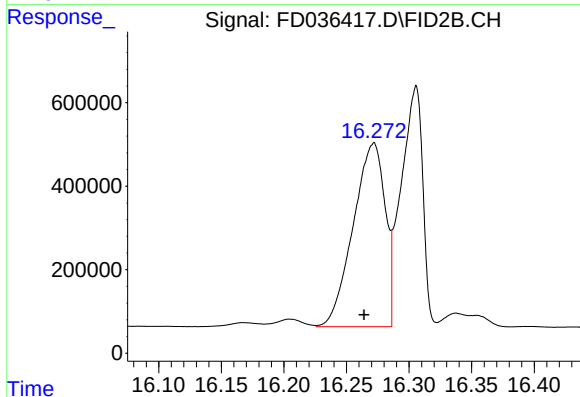
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.727 min
Delta R.T.: 0.010 min
Response: 8654985
Conc: 68.43 ug/ml



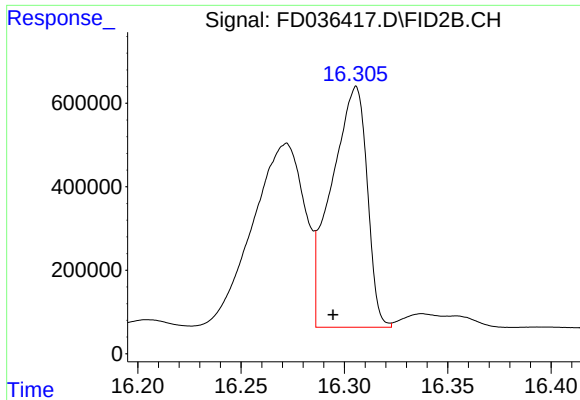
#15 Chrysene (C27.41)

R.T.: 14.772 min
Delta R.T.: 0.013 min
Response: 10089180
Conc: 77.91 ug/ml



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

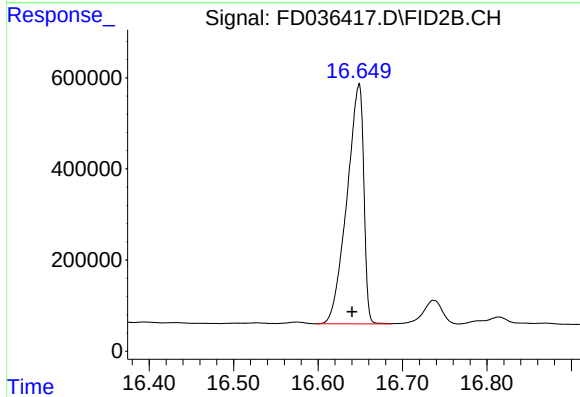
R.T.: 16.272 min
Delta R.T.: 0.008 min
Response: 7778895
Conc: 63.92 ug/ml



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

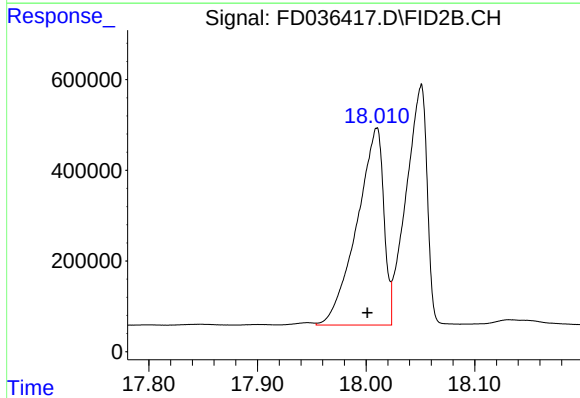
R.T.: 16.305 min
Delta R.T.: 0.011 min
Response: 6924607
Conc: 58.80 ug/ml

Instrument :
FID_D
ClientSampleId :



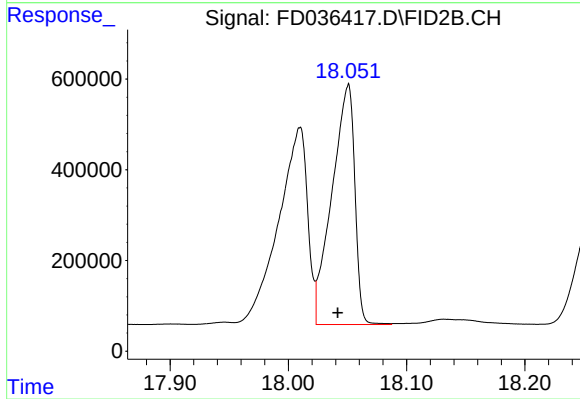
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: 0.008 min
Response: 7283683
Conc: 66.05 ug/ml



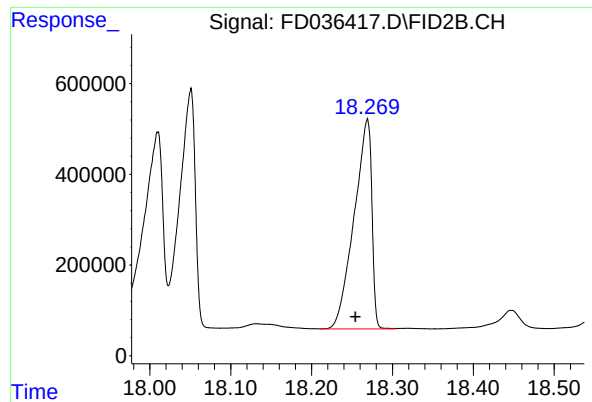
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: 0.009 min
Response: 7472564
Conc: 67.54 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.009 min
Response: 7099554
Conc: 64.15 ug/ml



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

R.T.: 18.269 min
Delta R.T.: 0.015 min
Response: 7044587
Conc: 63.71 ug/ml

Instrument :
FID_D
ClientSampleId :