

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AR\
 Data File : FD036525.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 11:33
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 11:57:15 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	2964679	21.079 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
6) S 2-Fluorobiphenyl (SURR)	8.451	2001701	21.325 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.65%
11) S ortho-Terphenyl (SURR)	11.492	3262655	21.362 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	3024041	20.630 ug/ml
2) T Naphthalene (C11.7)	5.930	3270116	20.807 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	3293947	20.959 ug/ml
5) T Acenaphthylene (C15.06)	8.255	3179817	21.221 ug/ml
7) T Acenaphthene (C15.5)	8.551	3297823	21.244 ug/ml
8) T Flouorene (C16.55)	9.330	3221042	21.394 ug/ml
9) T Phenanthrene (C19.36)	10.724	3145917	21.463 ug/ml
10) T Anthracene (C19.43)	10.798	3095175	21.380 ug/ml
12) T Fluoranthene (C21.85)	12.533	3003853	21.396 ug/ml
13) T Pyrene (C20.8)	12.829	2926986	21.333 ug/ml
14) T Benzo[a]anthracene (C...	14.697	2515807	21.184 ug/ml
15) T Chrysene (C27.41)	14.739	2570506	21.256 ug/ml
16) T benzo[b]fluoranthene ...	16.242	2258661	20.584 ug/ml
17) T Bnezo[k]fluoranthene ...	16.275	2195420	20.653 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	2030604	20.375 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	1987157	19.769 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	2031695	20.149 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	2005193	19.790 ug/ml

(f)=RT Delta > 1/2 Window

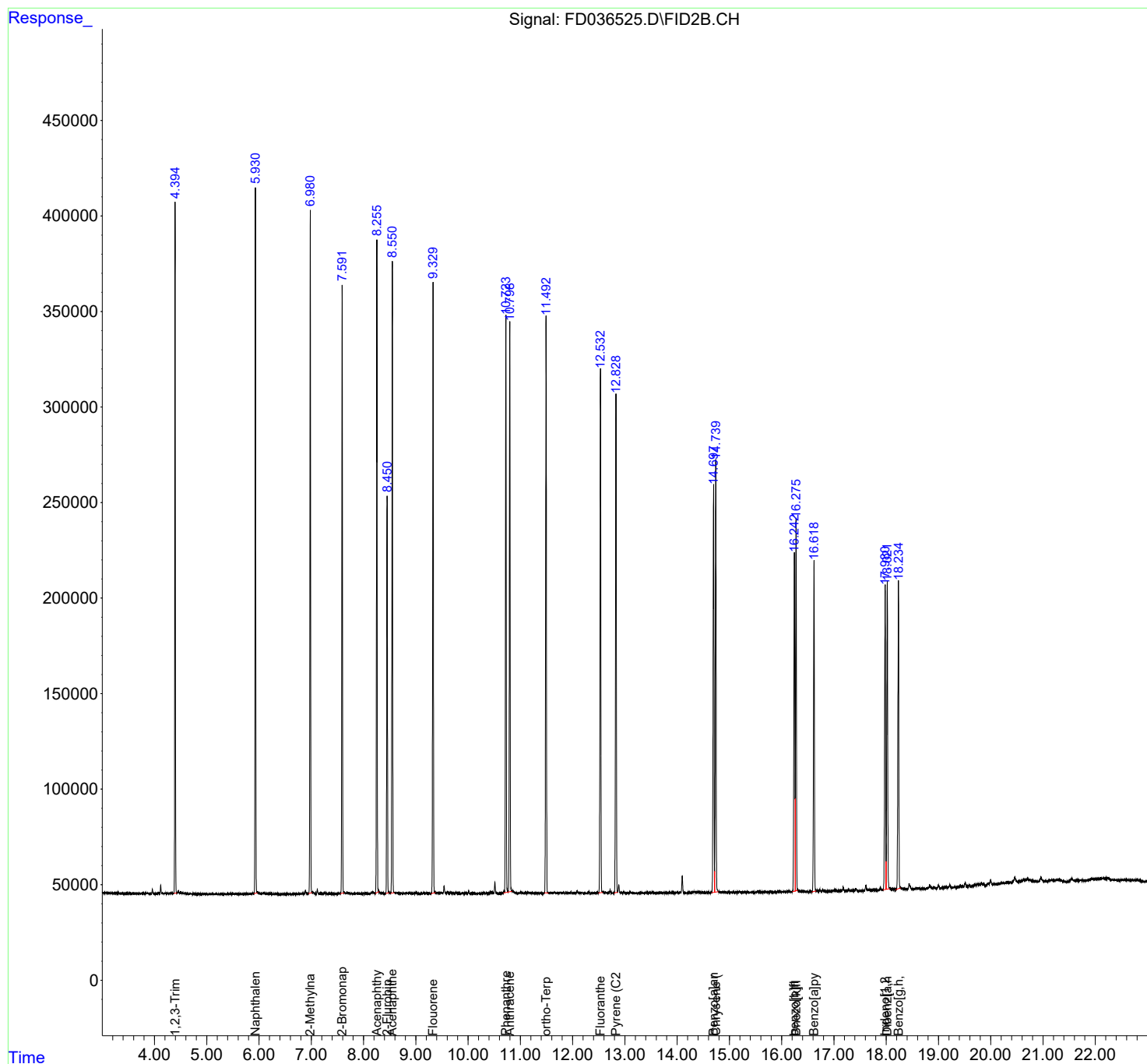
(m)=manual int.

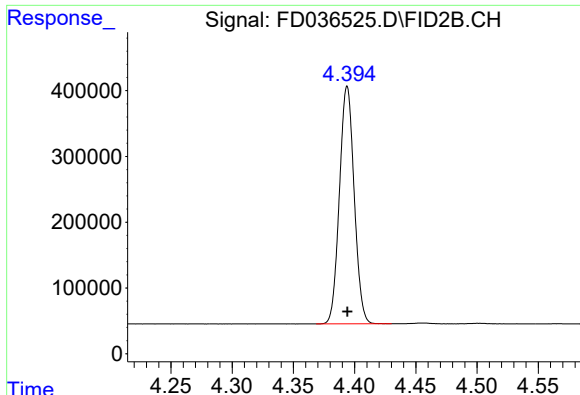
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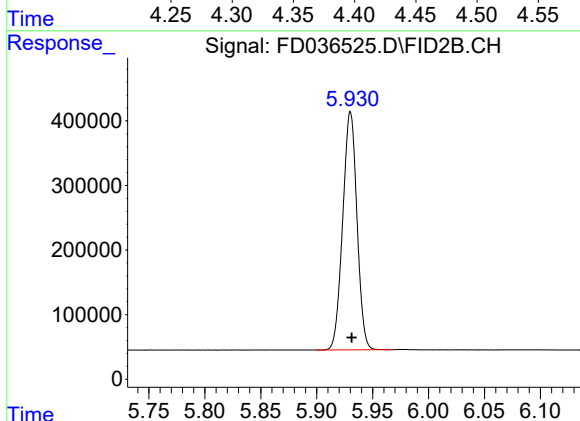




#1 1,2,3-Trimethylbenzene (C10.1)

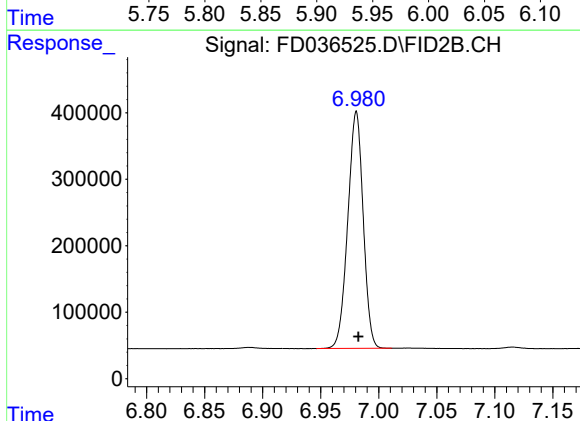
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 3024041
Conc: 20.63 ug/ml

Instrument :
FID_D
ClientSampleId :



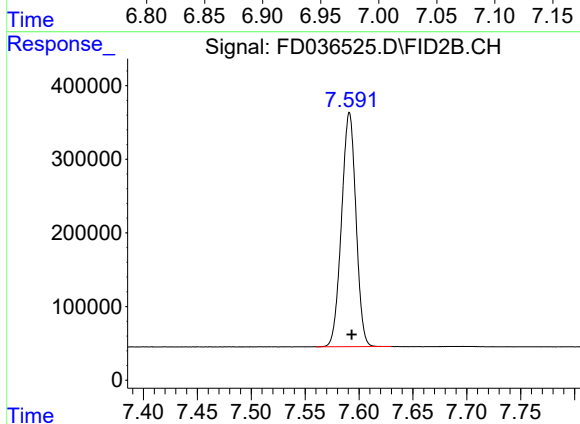
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 3270116
Conc: 20.81 ug/ml



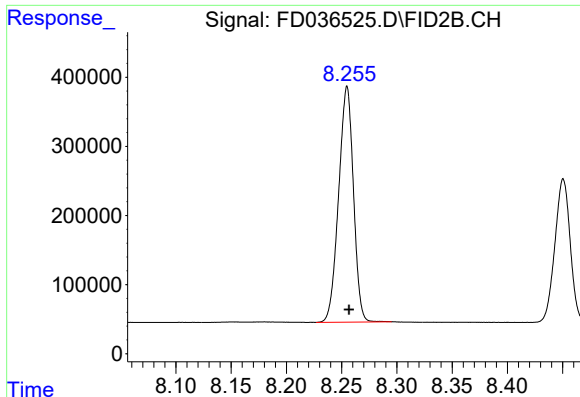
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 3293947
Conc: 20.96 ug/ml



#4 2-Bromonaphthalene (SURR)

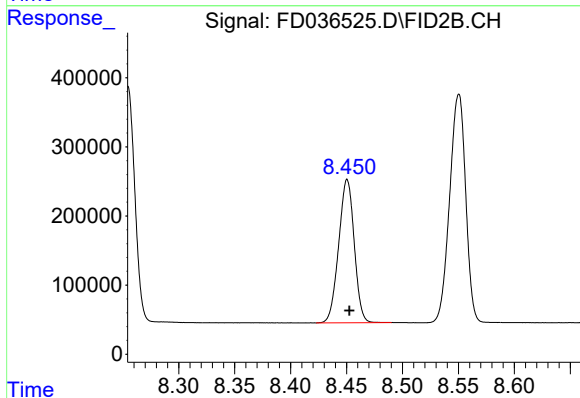
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 2964679
Conc: 21.08 ug/ml



#5 Acenaphthylene (C15.06)

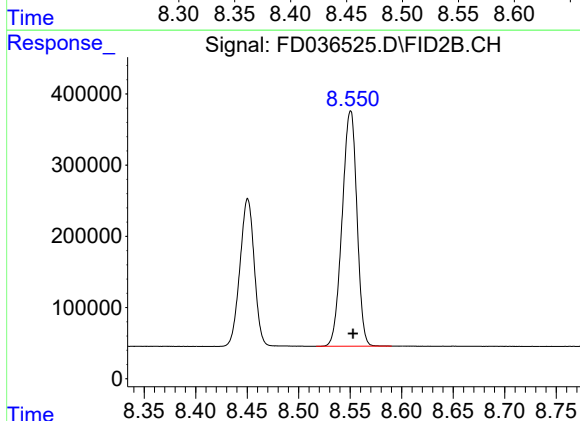
R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 3179817
Conc: 21.22 ug/ml

Instrument :
FID_D
ClientSampleId :



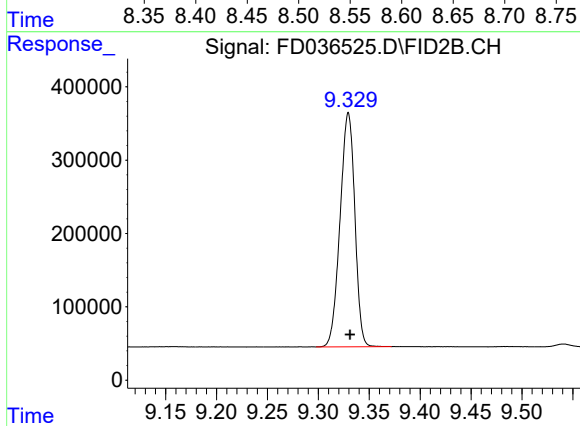
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 2001701
Conc: 21.32 ug/ml



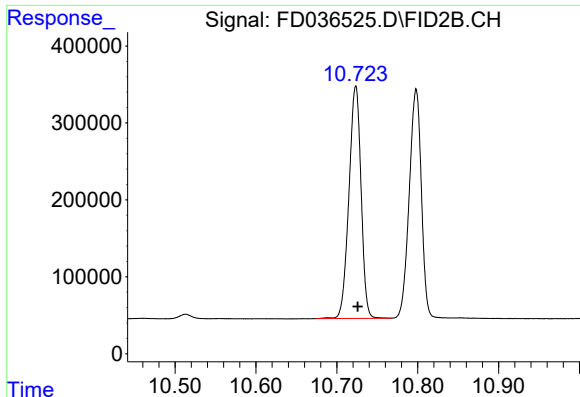
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 3297823
Conc: 21.24 ug/ml



#8 Flouorene (C16.55)

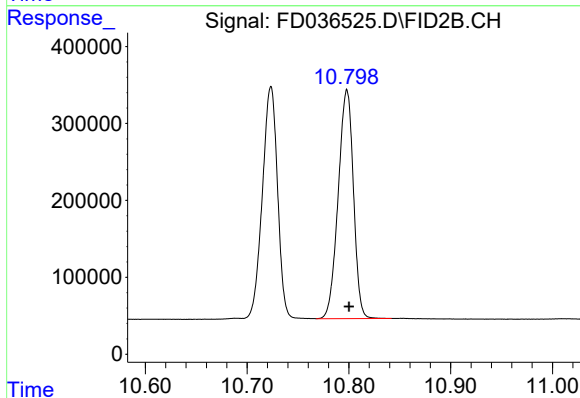
R.T.: 9.330 min
Delta R.T.: -0.002 min
Response: 3221042
Conc: 21.39 ug/ml



#9 Phenanthrene (C19.36)

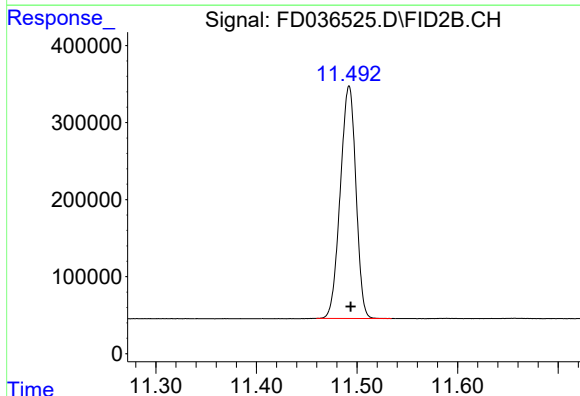
R.T.: 10.724 min
Delta R.T.: -0.002 min
Response: 3145917
Conc: 21.46 ug/ml

Instrument :
FID_D
ClientSampleId :



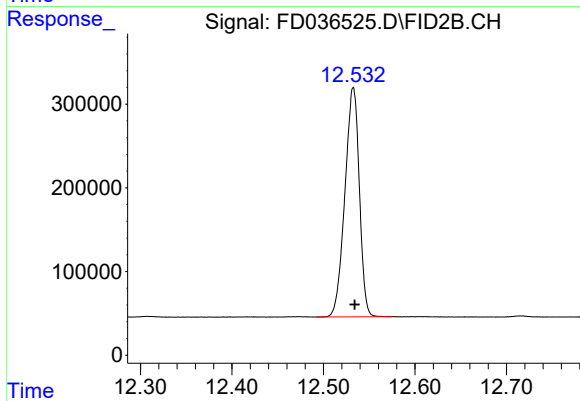
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.002 min
Response: 3095175
Conc: 21.38 ug/ml



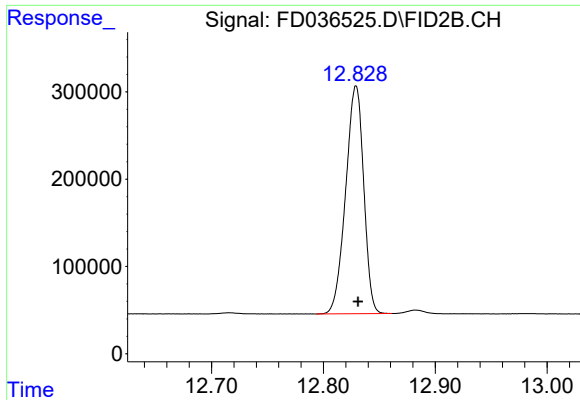
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 3262655
Conc: 21.36 ug/ml



#12 Fluoranthene (C21.85)

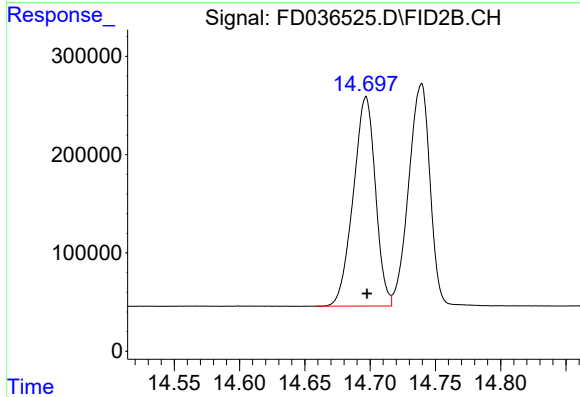
R.T.: 12.533 min
Delta R.T.: -0.002 min
Response: 3003853
Conc: 21.40 ug/ml



#13 Pyrene (C20.8)

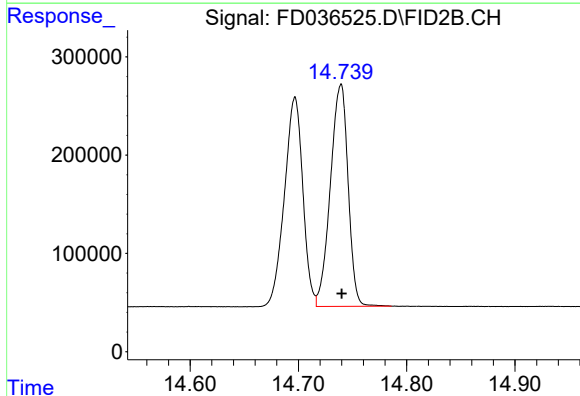
R.T.: 12.829 min
Delta R.T.: -0.002 min
Response: 2926986
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :



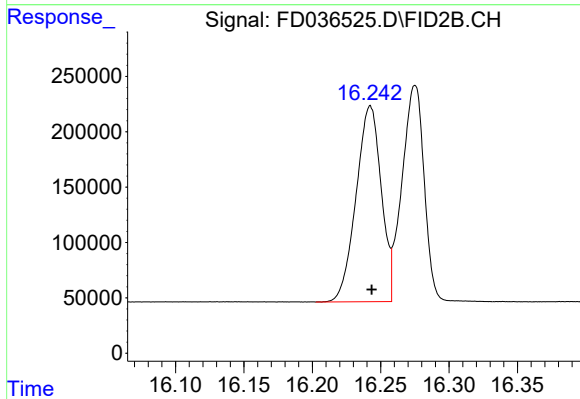
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.697 min
Delta R.T.: 0.000 min
Response: 2515807
Conc: 21.18 ug/ml



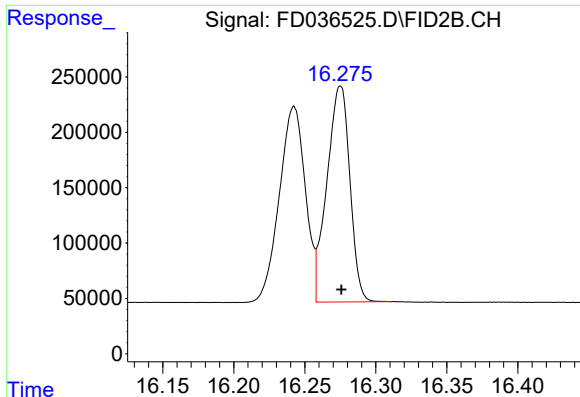
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 2570506
Conc: 21.26 ug/ml



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

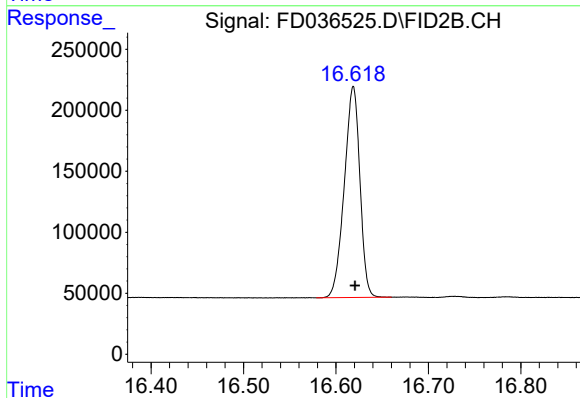
R.T.: 16.242 min
Delta R.T.: -0.001 min
Response: 2258661
Conc: 20.58 ug/ml



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

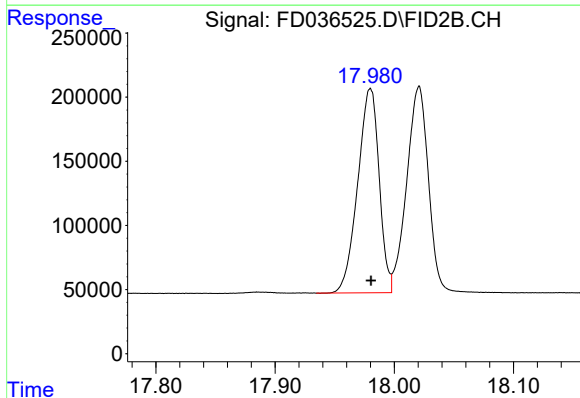
R.T.: 16.275 min
Delta R.T.: 0.000 min
Response: 2195420
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



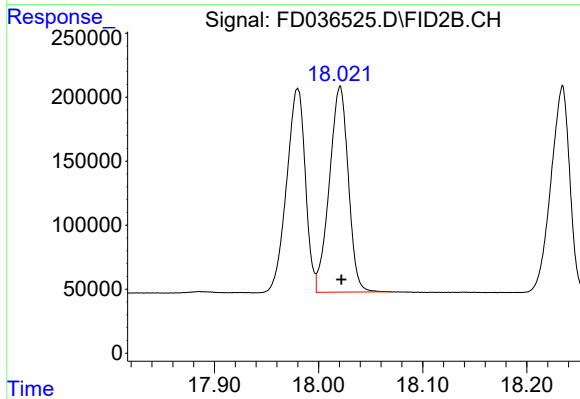
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: -0.002 min
Response: 2030604
Conc: 20.37 ug/ml



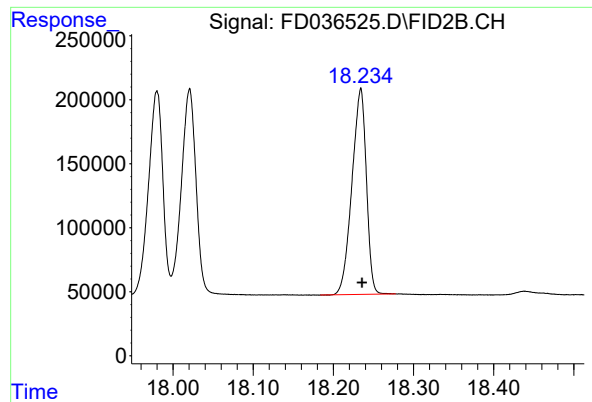
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 1987157
Conc: 19.77 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.001 min
Response: 2031695
Conc: 20.15 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.002 min
Response: 2005193
Conc: 19.79 ug/ml

Instrument :
FID_D
ClientSampleId :