

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030820.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2019 20:17
 Operator : DD\AJ
 Sample : K5020-05MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RT-5124MSD

Integration File: autoint1.e
 Quant Time: Sep 27 03:20:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 2019
 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...	7.577	4912533	28.850 ug/ml
Spiked Amount 50.000		Recovery =	57.70%
6) S 2-Fluorobiphenyl (SURR)	8.437	2699811	23.409 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.82%
11) S ortho-Terphenyl (SURR)	11.466	3700716	19.818 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	3113251	16.905 ug/ml
2) T Naphthalene (C11.7)	5.918	4352133	22.634 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	4696585	24.657 ug/ml
5) T Acenaphthylene (C15.06)	8.241	5001559	27.155 ug/ml
7) T Acenaphthene (C15.5)	8.536	5245138	27.174 ug/ml
8) T Flouorene (C16.55)	9.315	5529741	29.256 ug/ml
9) T Phenanthrene (C19.36)	10.708	5702772	30.327 ug/ml
10) T Anthracene (C19.43)	10.783	5724990	31.325 ug/ml
12) T Fluoranthene (C21.85)	12.515	5792518	30.981 ug/ml
13) T Pyrene (C20.8)	12.811	5629715	30.614 ug/ml
14) T Benzo[a]anthracene (C...	14.677	5255577	30.376 ug/ml
15) T Chrysene (C27.41)	14.721	5842300	32.917 ug/ml
16) T benzo[b]fluoranthene ...	16.225	5270812	31.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	5079173	29.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.602	4748073	28.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.968	4753499	30.341 ug/ml
20) T Dibenz[a,h]anthracene...	18.003	4567491	29.190 ug/ml
21) T Benzo[g,h,i]perylene ...	18.222	4597319	29.853 ug/ml

(f)=RT Delta > 1/2 Window

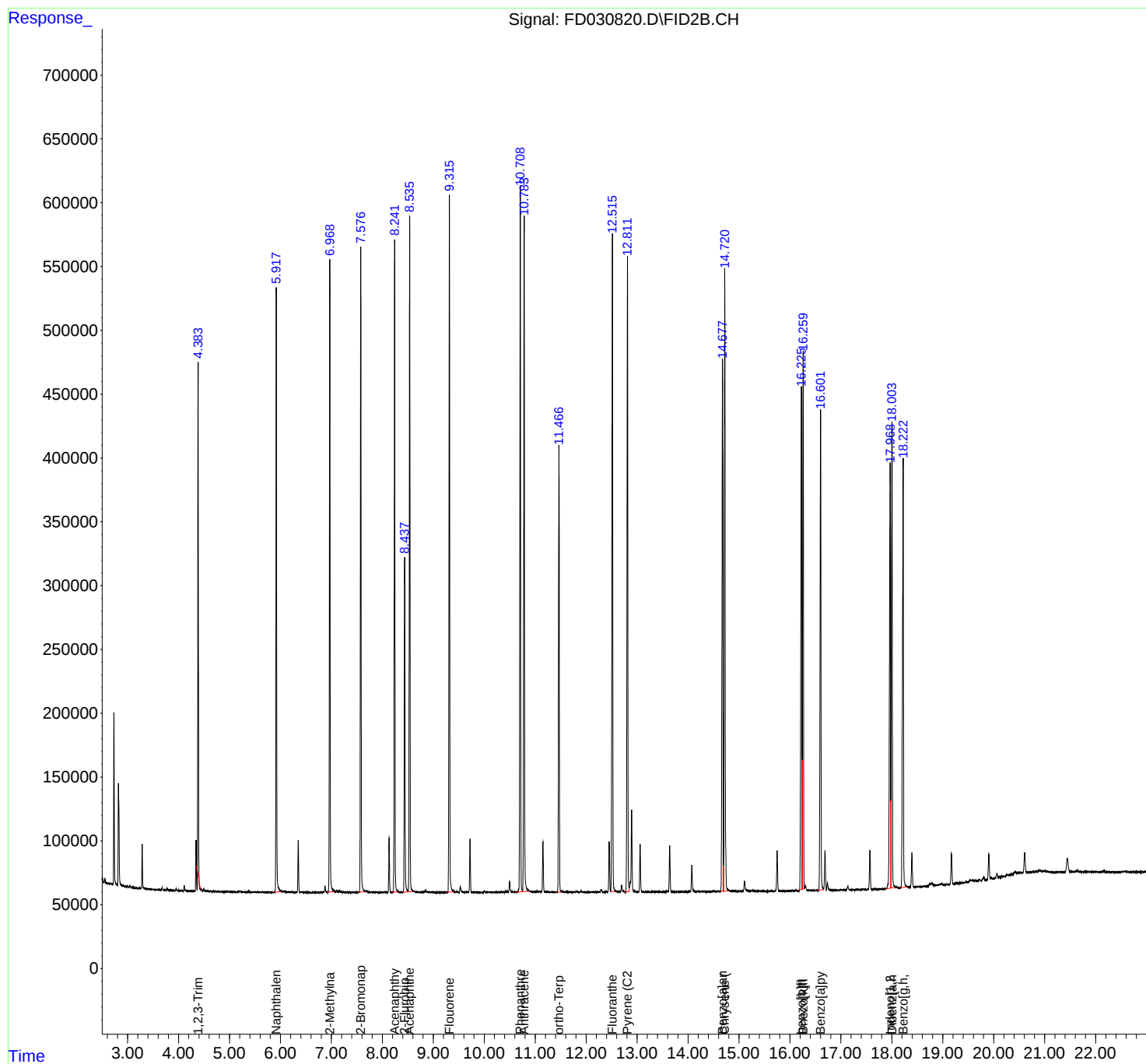
(m)=manual int.

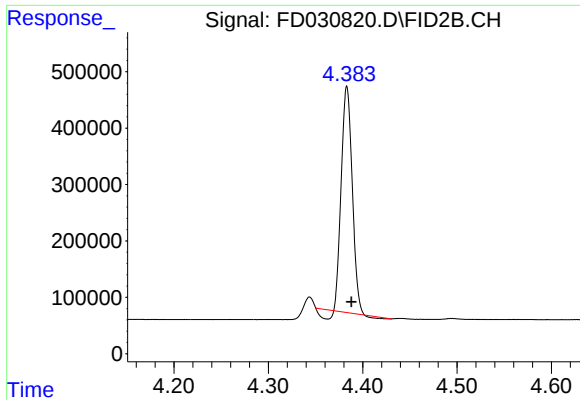
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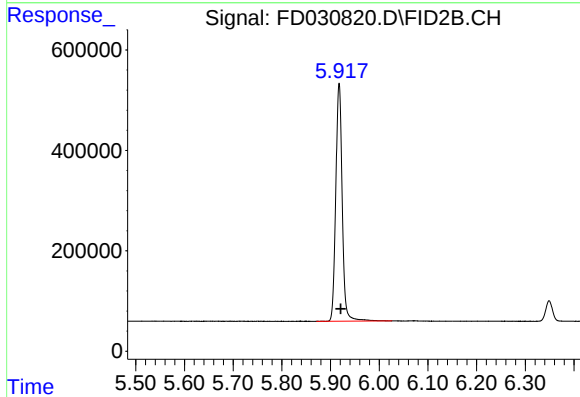




#1 1,2,3-Trimethylbenzene (C10.1)

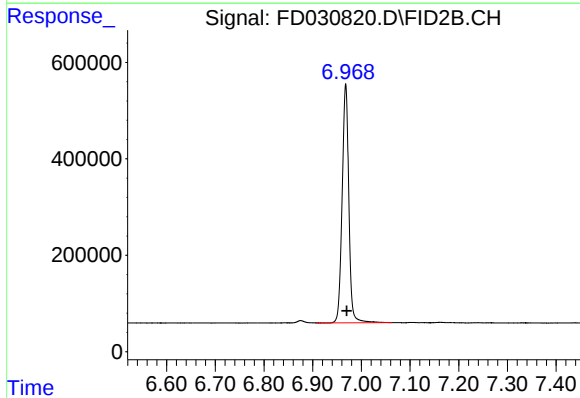
R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 3113251
Conc: 16.90 ug/ml

Instrument :
FID_D
ClientSampleId :
RT-5124MSD



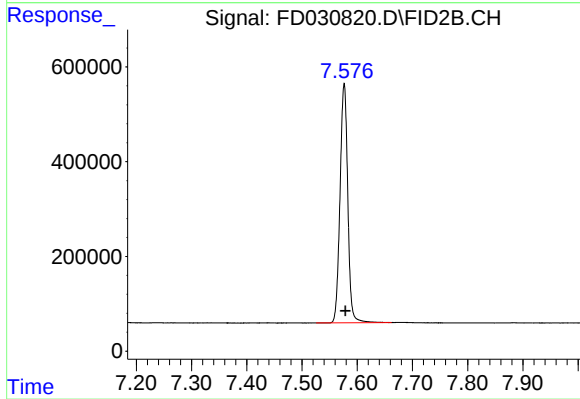
#2 Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 4352133
Conc: 22.63 ug/ml



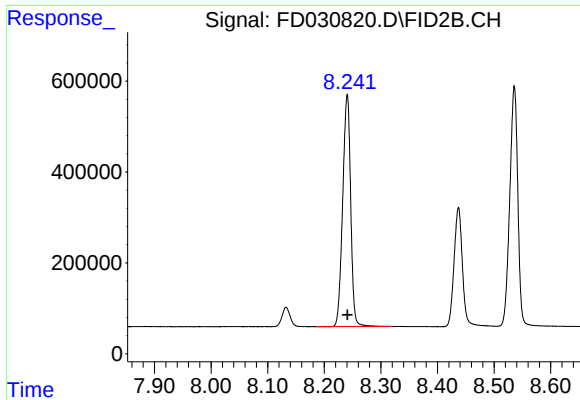
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 4696585
Conc: 24.66 ug/ml



#4 2-Bromonaphthalene (SURR)

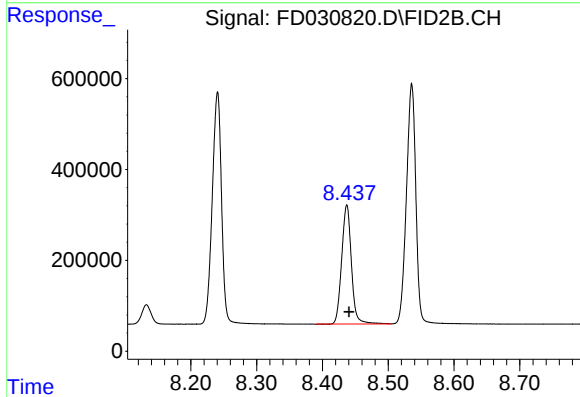
R.T.: 7.577 min
Delta R.T.: -0.002 min
Response: 4912533
Conc: 28.85 ug/ml



#5 Acenaphthylene (C15.06)

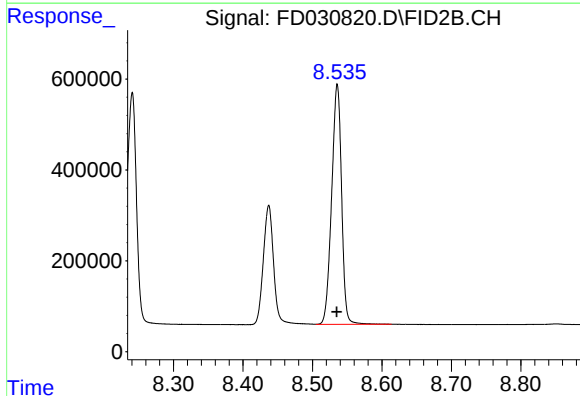
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 5001559
Conc: 27.15 ug/ml

Instrument :
FID_D
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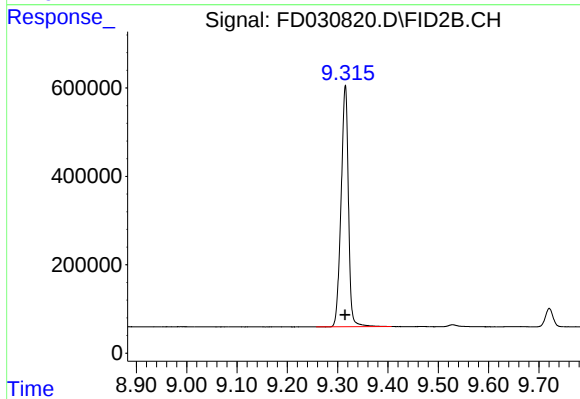
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: -0.003 min
Response: 2699811
Conc: 23.41 ug/ml



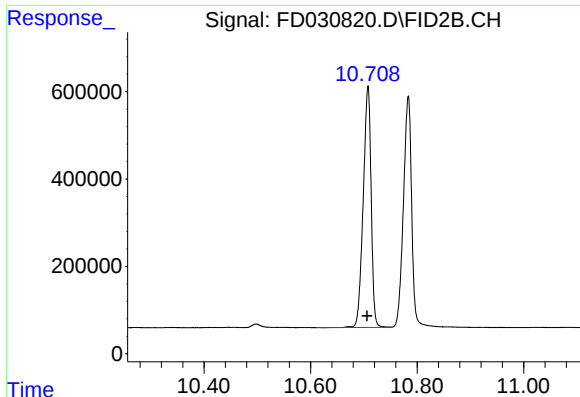
#7 Acenaphthene (C15.5)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 5245138
Conc: 27.17 ug/ml



#8 Flouorene (C16.55)

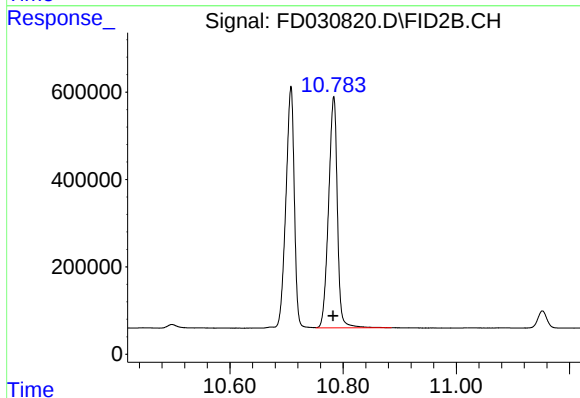
R.T.: 9.315 min
Delta R.T.: 0.000 min
Response: 5529741
Conc: 29.26 ug/ml



#9 Phenanthrene (C19.36)

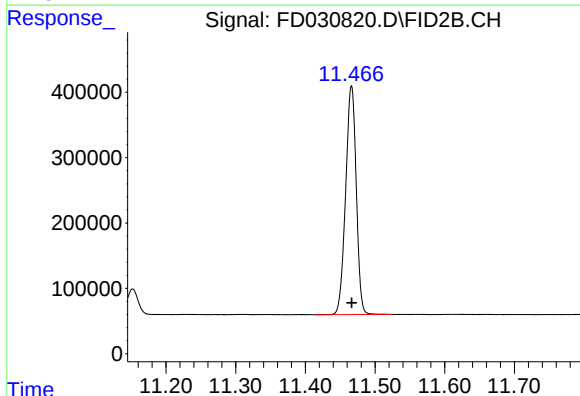
R.T.: 10.708 min
Delta R.T.: 0.002 min
Response: 5702772
Conc: 30.33 ug/ml

Instrument :
FID_D
ClientSampleId :
RT-5124MSD



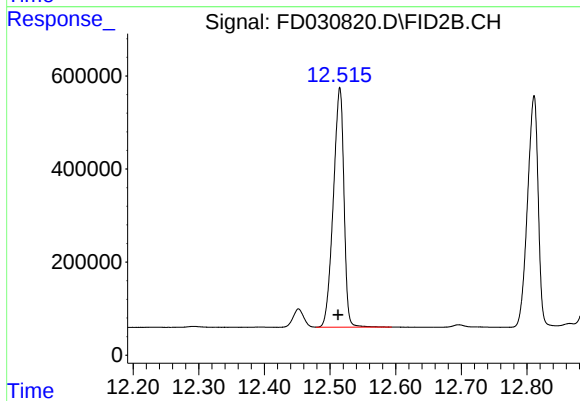
#10 Anthracene (C19.43)

R.T.: 10.783 min
Delta R.T.: 0.001 min
Response: 5724990
Conc: 31.33 ug/ml



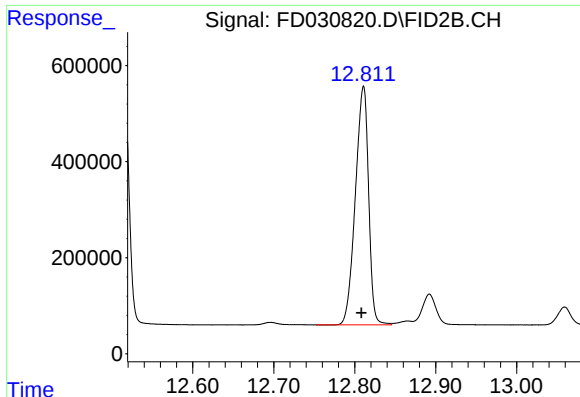
#11 ortho-Terphenyl (SURR)

R.T.: 11.466 min
Delta R.T.: 0.000 min
Response: 3700716
Conc: 19.82 ug/ml



#12 Fluoranthene (C21.85)

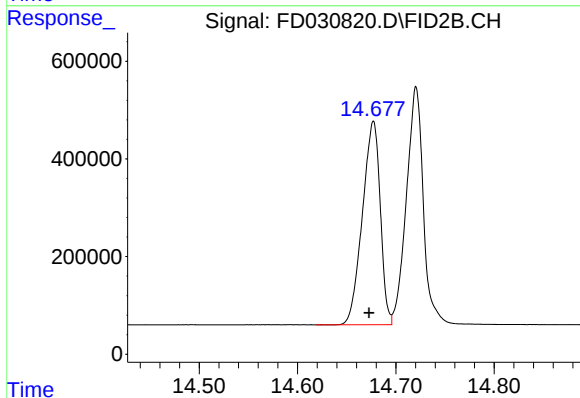
R.T.: 12.515 min
Delta R.T.: 0.003 min
Response: 5792518
Conc: 30.98 ug/ml



#13 Pyrene (C20.8)

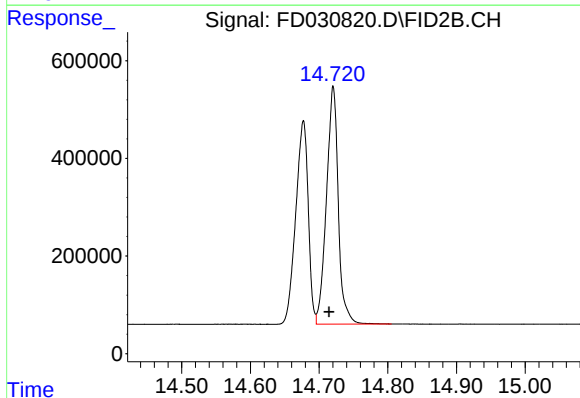
R.T.: 12.811 min
Delta R.T.: 0.003 min
Response: 5629715
Conc: 30.61 ug/ml

Instrument :
FID_D
ClientSampleId :
RT-5124MSD



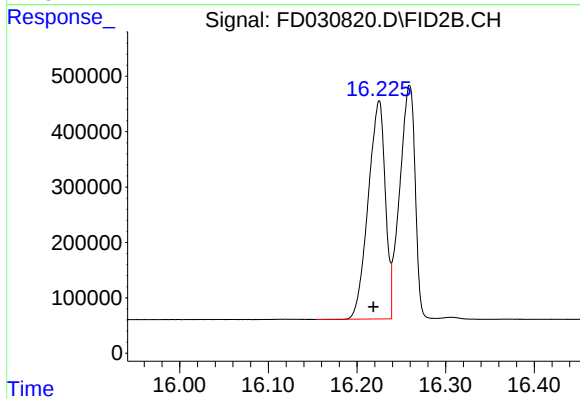
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.677 min
Delta R.T.: 0.004 min
Response: 5255577
Conc: 30.38 ug/ml



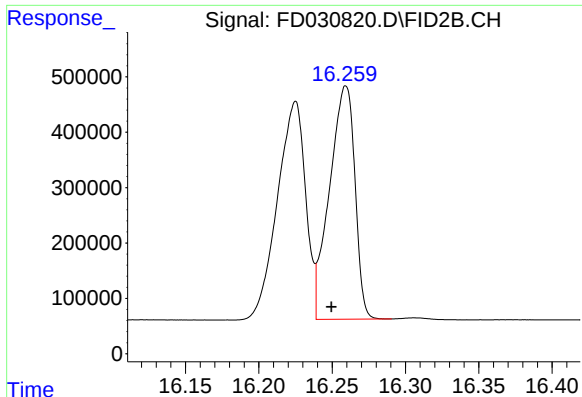
#15 Chrysene (C27.41)

R.T.: 14.721 min
Delta R.T.: 0.006 min
Response: 5842300
Conc: 32.92 ug/ml



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

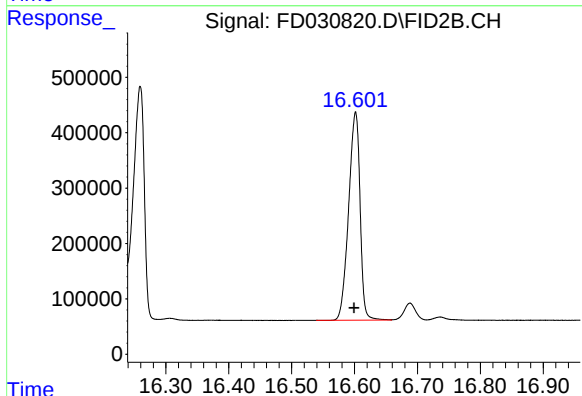
R.T.: 16.225 min
Delta R.T.: 0.006 min
Response: 5270812
Conc: 31.29 ug/ml



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

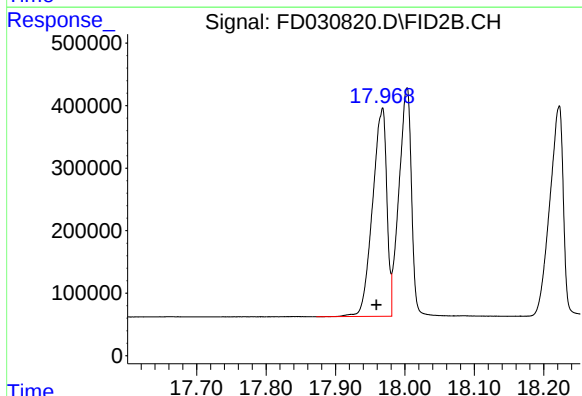
R.T.: 16.259 min
Delta R.T.: 0.010 min
Response: 5079173
Conc: 29.81 ug/ml

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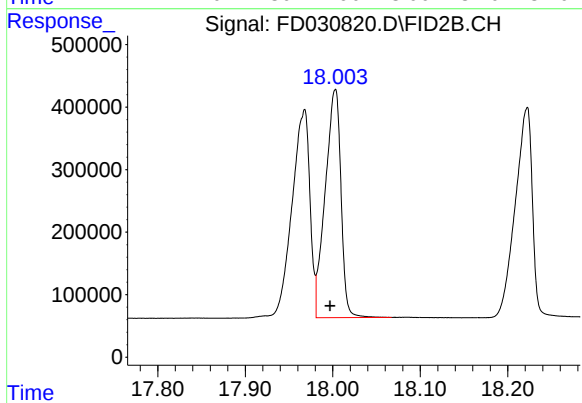
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.602 min
Delta R.T.: 0.002 min
Response: 4748073
Conc: 28.92 ug/ml



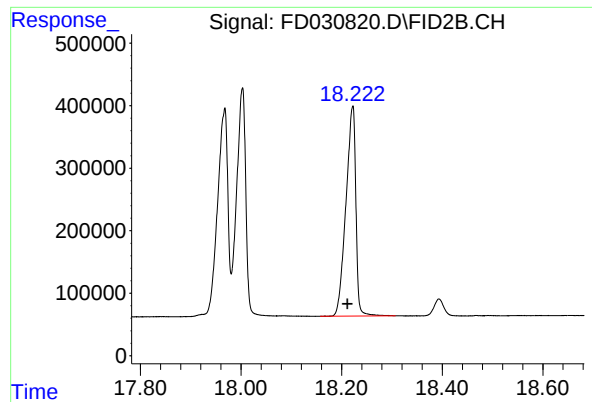
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.968 min
Delta R.T.: 0.009 min
Response: 4753499
Conc: 30.34 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.006 min
Response: 4567491
Conc: 29.19 ug/ml



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

R.T.: 18.222 min
Delta R.T.: 0.010 min
Response: 4597319
Conc: 29.85 ug/ml

Instrument :
FID_D
ClientSampleId :
RT-5124MSD