

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AR\
 Data File : FD038606.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2021 22:06
 Operator : AJ\MA
 Sample : PB138453BSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB138453BSD

Integration File: autoint1.e
 Quant Time: Aug 18 05:30:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.471	6203586	48.950 ug/ml
Spiked Amount 50.000		Recovery =	97.90%
6) S 2-Fluorobiphenyl (SURR)	8.331	4129854	47.566 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.13%
11) S ortho-Terphenyl (SURR)	11.365	6411075	44.693 ug/ml
Spiked Amount 50.000		Recovery =	89.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	7132797	50.861 ug/ml
2) T Naphthalene (C11.7)	5.811	7272707	49.940 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	7092568	48.907 ug/ml
5) T Acenaphthylene (C15.06)	8.134	6705620	46.443 ug/ml
7) T Acenaphthene (C15.5)	8.430	6953513	46.454 ug/ml
8) T Fluorene (C16.55)	9.209	6573214	46.130 ug/ml
9) T Phenanthrene (C19.36)	10.602	6140456	43.503 ug/ml
10) T Anthracene (C19.43)	10.678	5718648	41.832 ug/ml
12) T Fluoranthene (C21.85)	12.413	5668074	40.353 ug/ml
13) T Pyrene (C20.8)	12.710	5535582	39.516 ug/ml
14) T Benzo[a]anthracene (C...	14.583	5092069	39.768 ug/ml
15) T Chrysene (C27.41)	14.628	5340753	38.670 ug/ml
16) T benzo[b]fluoranthene ...	16.140	5249415	41.979 ug/ml
17) T Bnezo[k]fluoranthene ...	16.174	5224073	39.626 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	4980842	41.676 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	5255389	47.698 ug/ml
20) T Dibenz[a,h]anthracene...	17.929	5274488	42.851 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	5260880	45.927 ug/ml

(f)=RT Delta > 1/2 Window

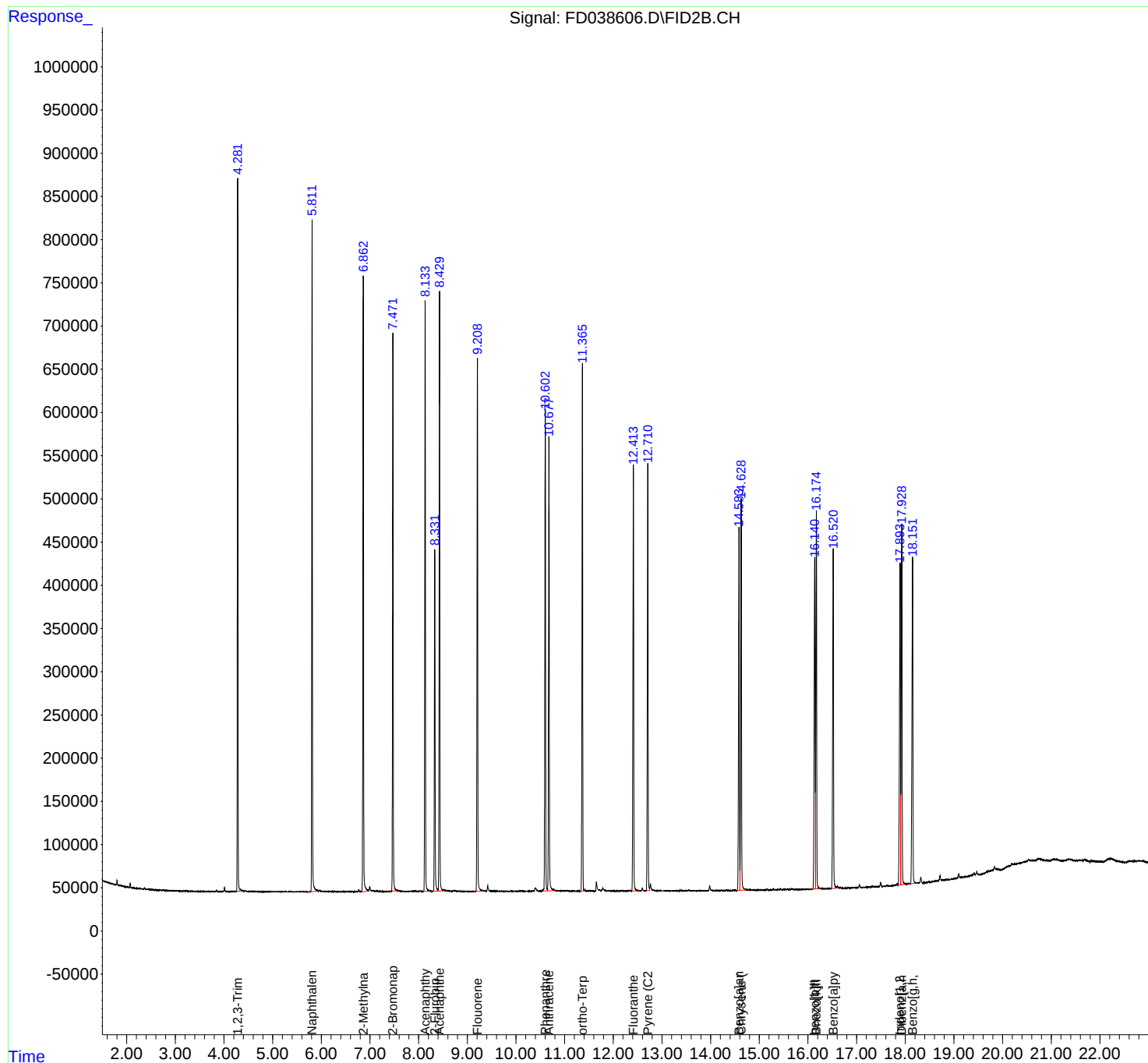
(m)=manual int.

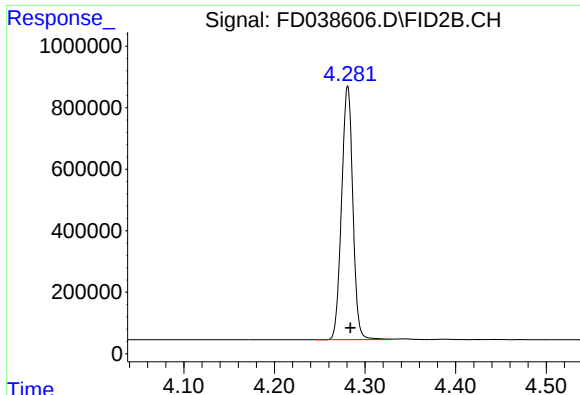
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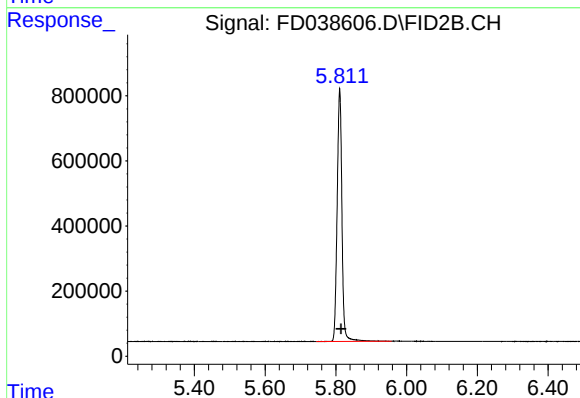




#1 1,2,3-Trimethylbenzene (C10.1)

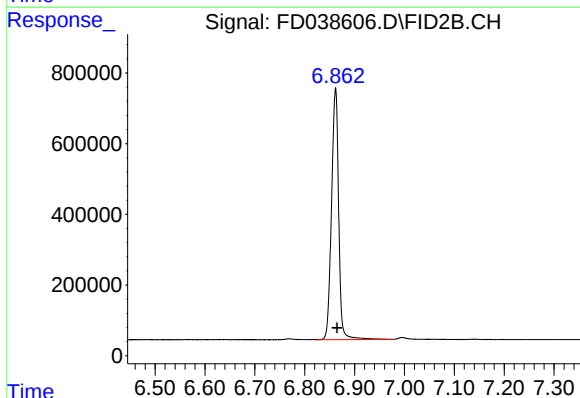
R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 7132797
Conc: 50.86 ug/ml

Instrument :
FID_D
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PB138453BSD



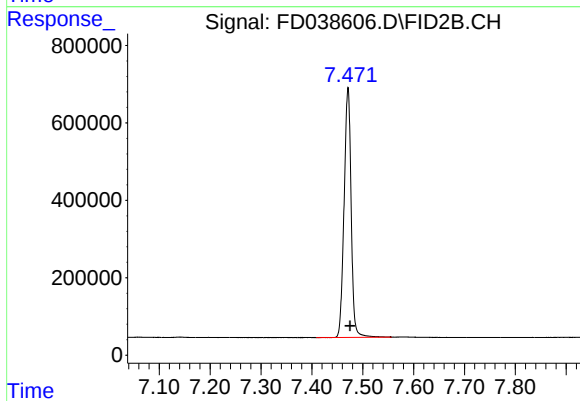
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.003 min
Response: 7272707
Conc: 49.94 ug/ml



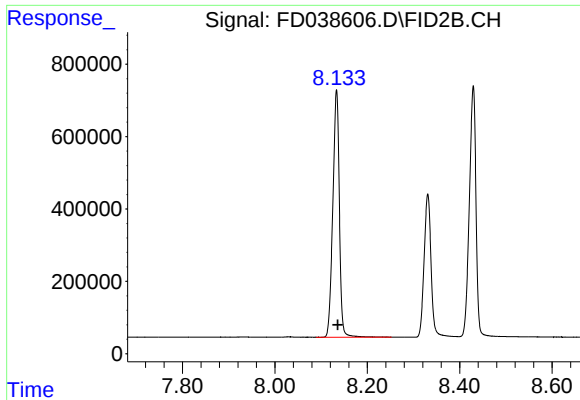
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 7092568
Conc: 48.91 ug/ml



#4 2-Bromonaphthalene (SURR)

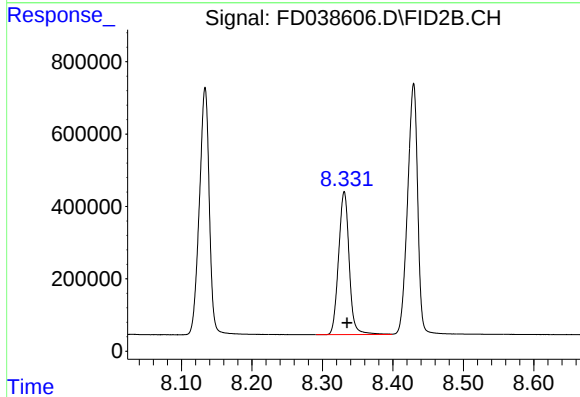
R.T.: 7.471 min
Delta R.T.: -0.004 min
Response: 6203586
Conc: 48.95 ug/ml



#5 Acenaphthylene (C15.06)

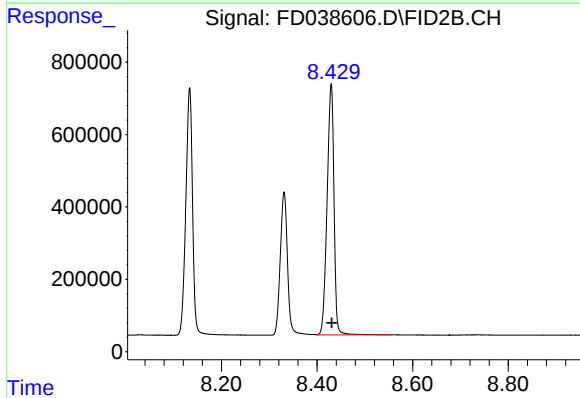
R.T.: 8.134 min
Delta R.T.: -0.002 min
Response: 6705620
Conc: 46.44 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138453BSD



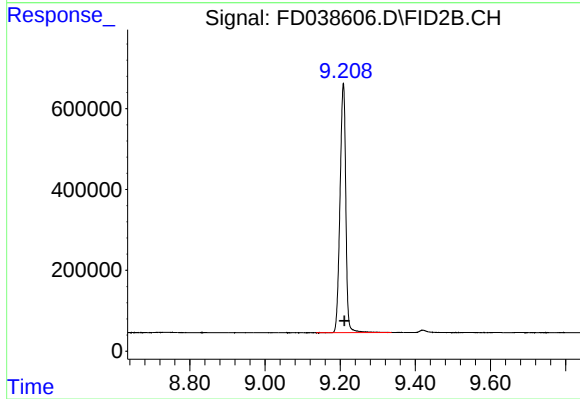
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.004 min
Response: 4129854
Conc: 47.57 ug/ml



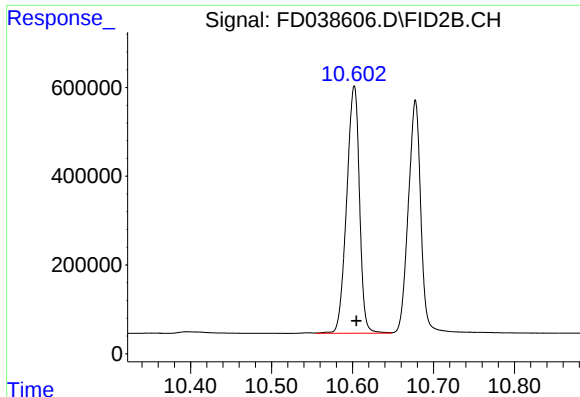
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: -0.001 min
Response: 6953513
Conc: 46.45 ug/ml



#8 Flouorene (C16.55)

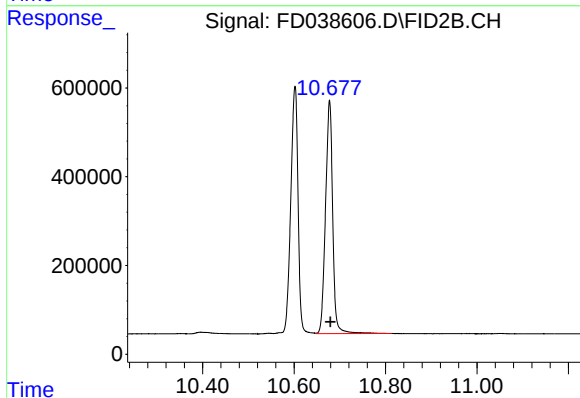
R.T.: 9.209 min
Delta R.T.: -0.003 min
Response: 6573214
Conc: 46.13 ug/ml



#9 Phenanthrene (C19.36)

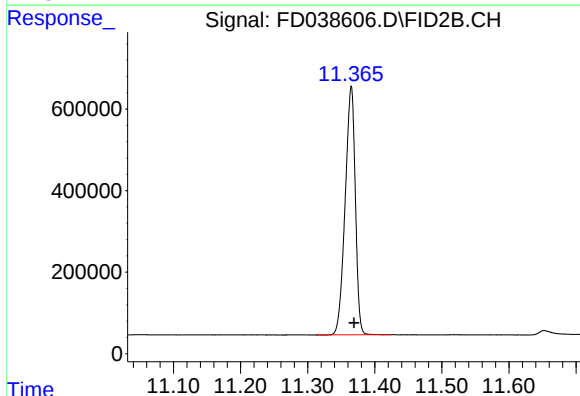
R.T.: 10.602 min
Delta R.T.: -0.002 min
Response: 6140456
Conc: 43.50 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138453BSD



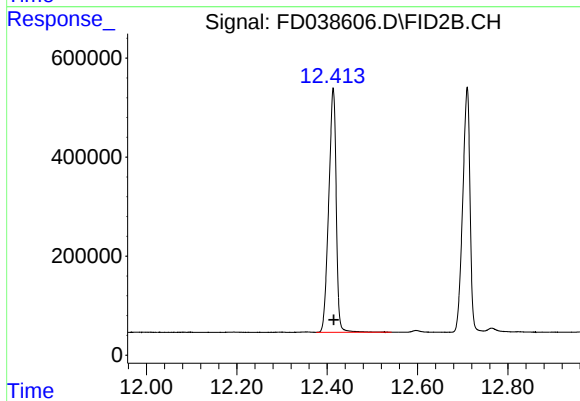
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: -0.002 min
Response: 5718648
Conc: 41.83 ug/ml



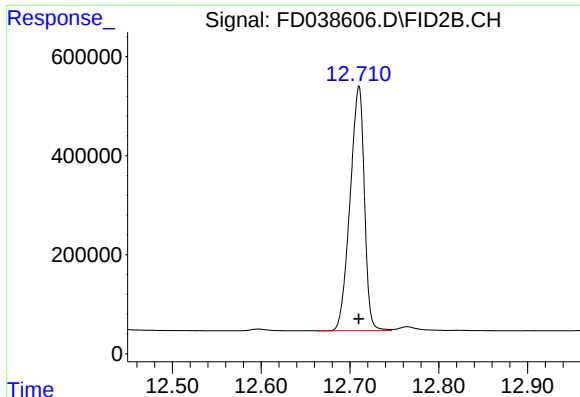
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: -0.004 min
Response: 6411075
Conc: 44.69 ug/ml



#12 Fluoranthene (C21.85)

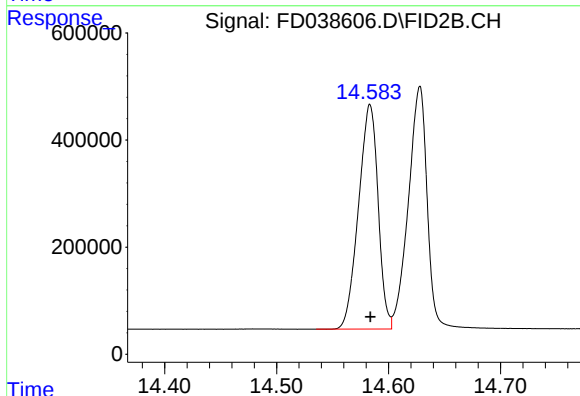
R.T.: 12.413 min
Delta R.T.: -0.001 min
Response: 5668074
Conc: 40.35 ug/ml



#13 Pyrene (C20.8)

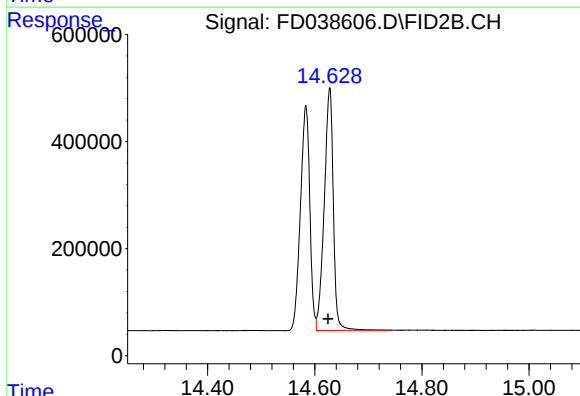
R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 5535582
Conc: 39.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB138453BSD



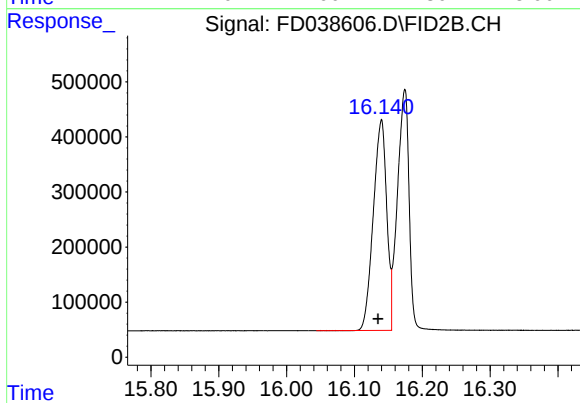
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 5092069
Conc: 39.77 ug/ml



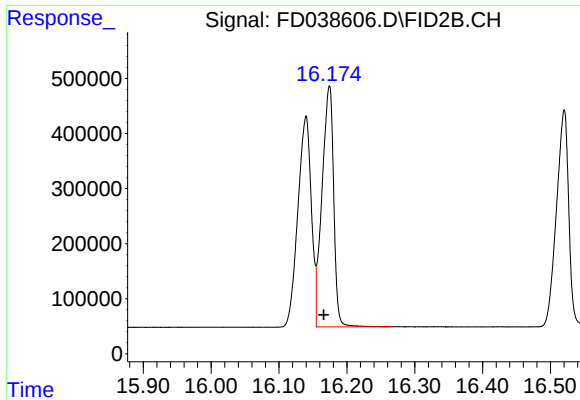
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.003 min
Response: 5340753
Conc: 38.67 ug/ml



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

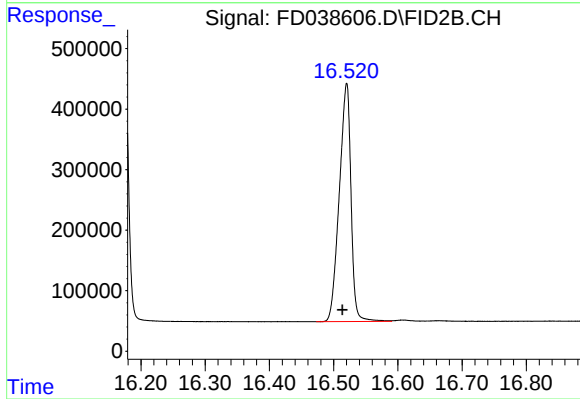
R.T.: 16.140 min
Delta R.T.: 0.005 min
Response: 5249415
Conc: 41.98 ug/ml



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

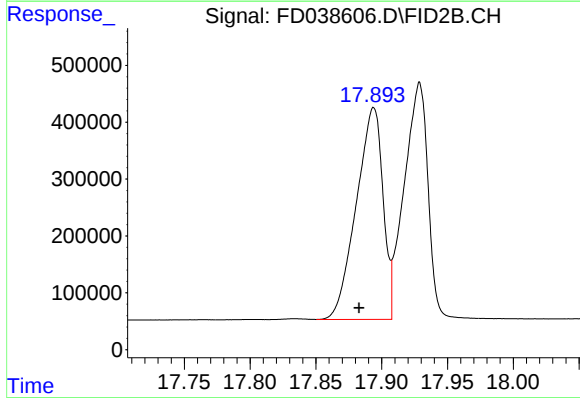
R.T.: 16.174 min
Delta R.T.: 0.008 min
Response: 5224073
Conc: 39.63 ug/ml

Instrument :
FID_D
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PB138453BSD



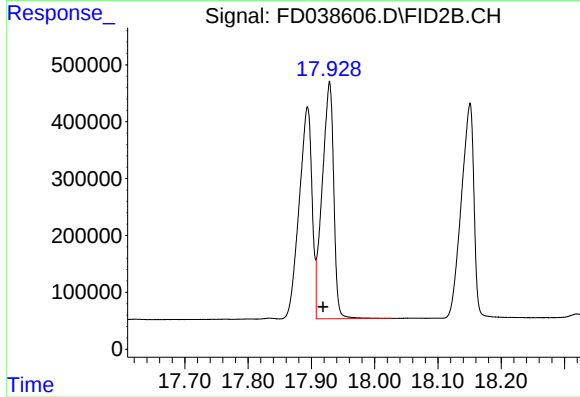
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: 0.007 min
Response: 4980842
Conc: 41.68 ug/ml



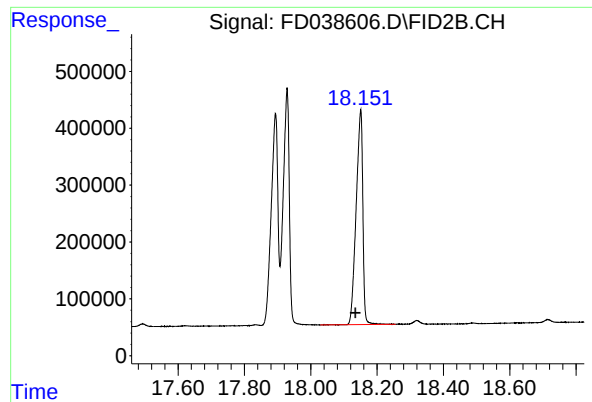
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.011 min
Response: 5255389
Conc: 47.70 ug/ml



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

R.T.: 17.929 min
Delta R.T.: 0.010 min
Response: 5274488
Conc: 42.85 ug/ml



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

R.T.: 18.151 min
Delta R.T.: 0.016 min
Response: 5260880
Conc: 45.93 ug/ml

Instrument :
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ClientSampleId :
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