

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022819AR\
 Data File : FD028012.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2019 21:06
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 01 04:09:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 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...	7.325	2178359	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
6) S 2-Fluorobiphenyl (SURR)	8.172	1502978	21.322 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.64%
11) S ortho-Terphenyl (SURR)	11.209	2478370	21.617 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.137	2034179	19.220 ug/ml
2) T Naphthalene (C11.7)	5.663	2345785	19.985 ug/ml
3) T 2-Methylnaphthalene (...)	6.711	2430202	20.544 ug/ml
5) T Acenaphthylene (C15.06)	7.976	2421509	21.001 ug/ml
7) T Acenaphthene (C15.5)	8.271	2555129	21.032 ug/ml
8) T Fluorene (C16.55)	9.048	2541720	21.124 ug/ml
9) T Phenanthrene (C19.36)	10.433	2398632	21.467 ug/ml
10) T Anthracene (C19.43)	10.508	2364764	21.361 ug/ml
12) T Fluoranthene (C21.85)	12.234	2198923	20.265 ug/ml
13) T Pyrene (C20.8)	12.526	2123298	20.234 ug/ml
14) T Benzo[a]anthracene (C...	14.392	2052341	20.279 ug/ml
15) T Chrysene (C27.41)	14.433	2085204	20.223 ug/ml
16) T benzo[b]fluoranthene ...	15.935	2130026	20.210 ug/ml
17) T Bnezo[k]fluoranthene ...	15.966	2170110	20.152 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.309	2151620	20.103 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.668	2095160	20.473 ug/ml
20) T Dibenz[a,h]anthracene...	17.710	2168755	21.524 ug/ml
21) T Benzo[g,h,i]perylene ...	17.919	2151315	19.909 ug/ml

(f)=RT Delta > 1/2 Window

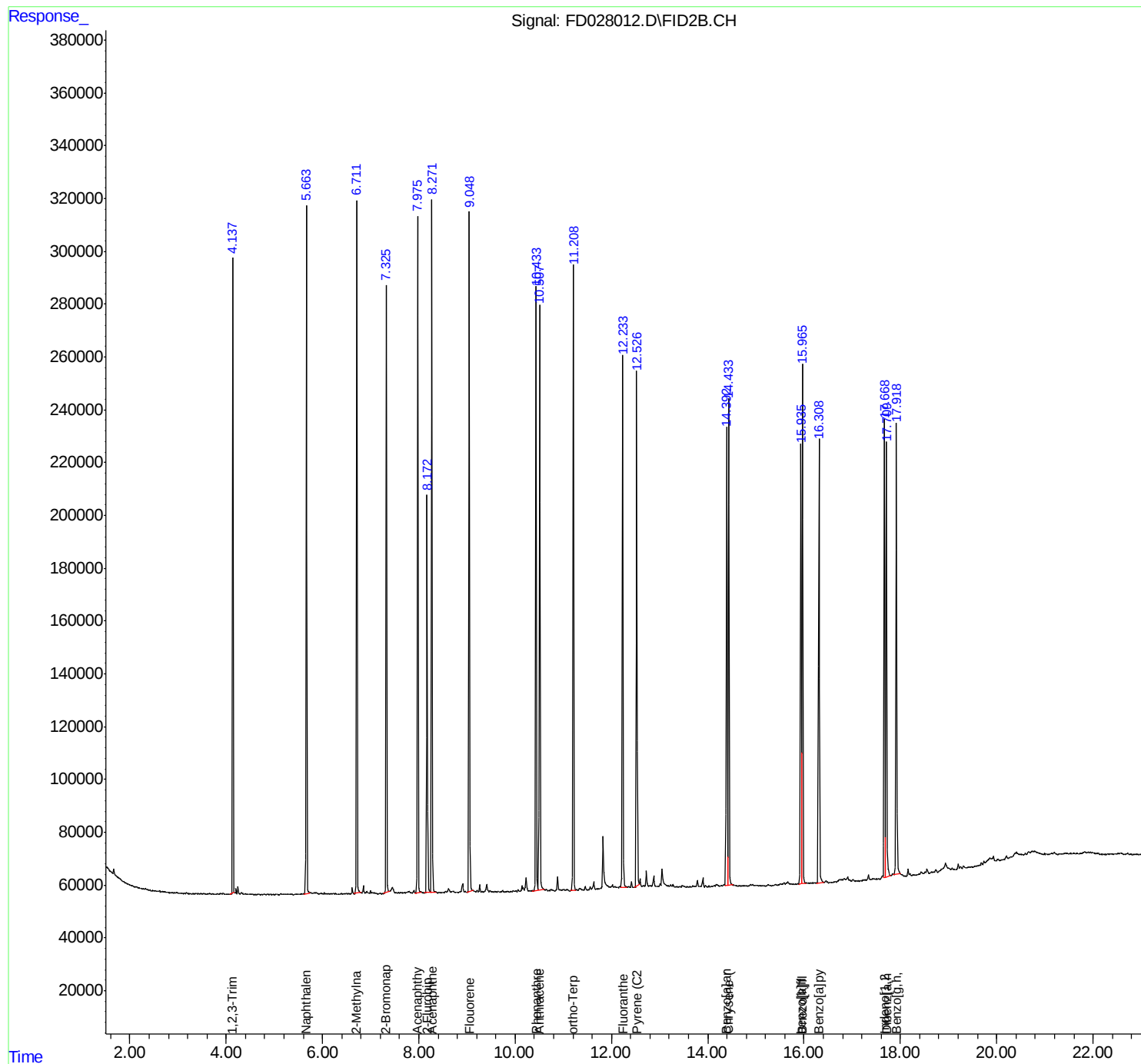
(m)=manual int.

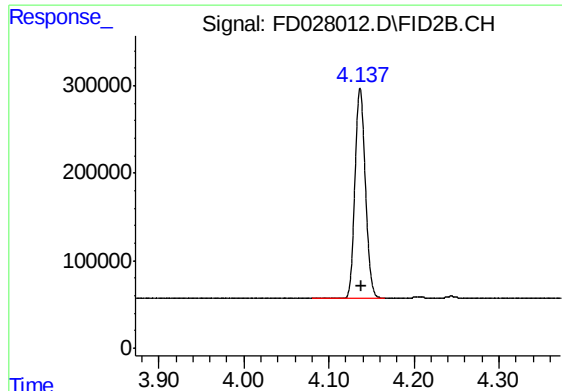
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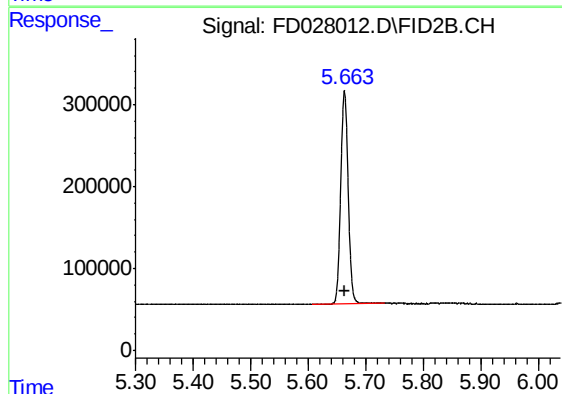




#1 1,2,3-Trimethylbenzene (C10.1)

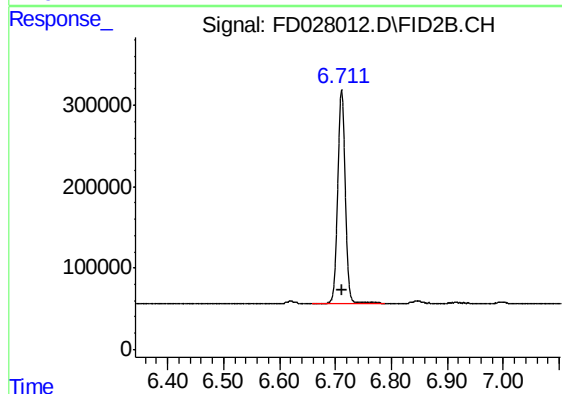
R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 2034179
Conc: 19.22 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



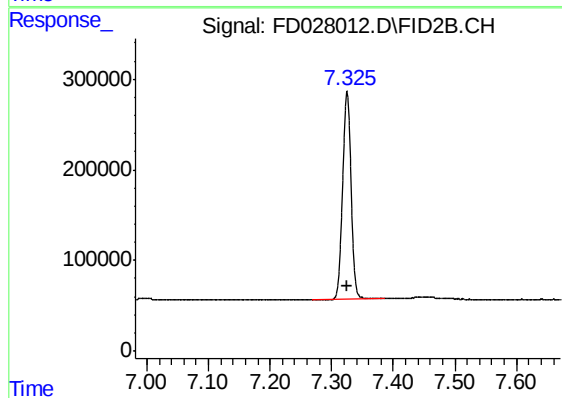
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 2345785
Conc: 19.98 ug/ml



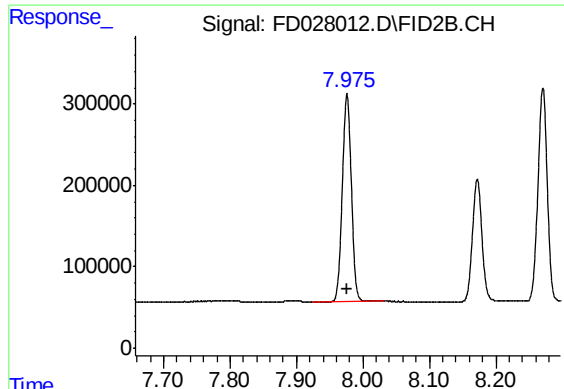
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 2430202
Conc: 20.54 ug/ml



#4 2-Bromonaphthalene (SURR)

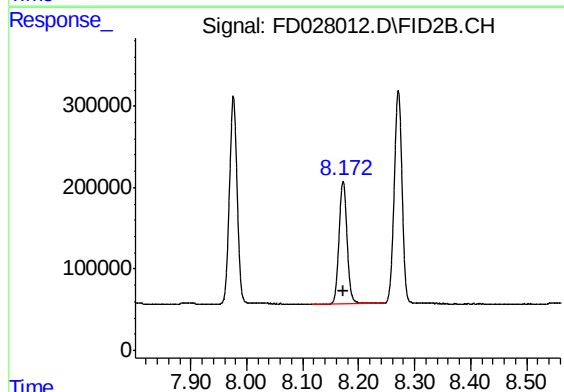
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 2178359
Conc: 20.64 ug/ml



#5 Acenaphthylene (C15.06)

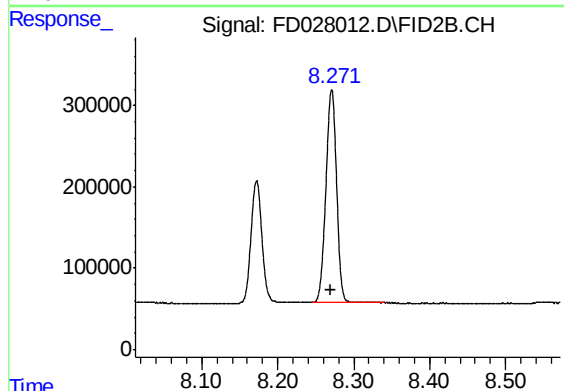
R.T.: 7.976 min
Delta R.T.: 0.000 min
Response: 2421509
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



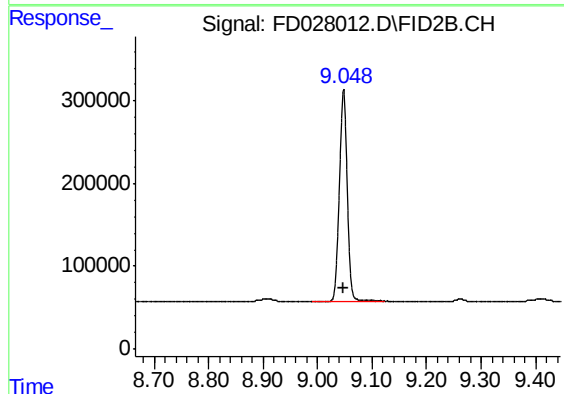
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.172 min
Delta R.T.: 0.000 min
Response: 1502978
Conc: 21.32 ug/ml



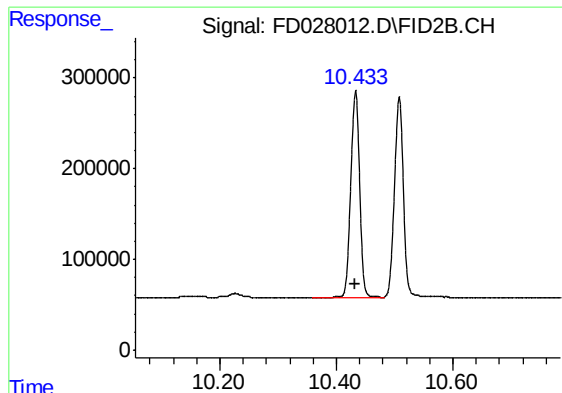
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 2555129
Conc: 21.03 ug/ml



#8 Flouorene (C16.55)

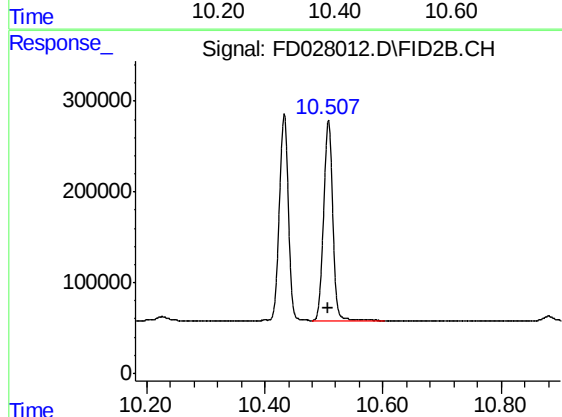
R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 2541720
Conc: 21.12 ug/ml



#9 Phenanthrene (C19.36)

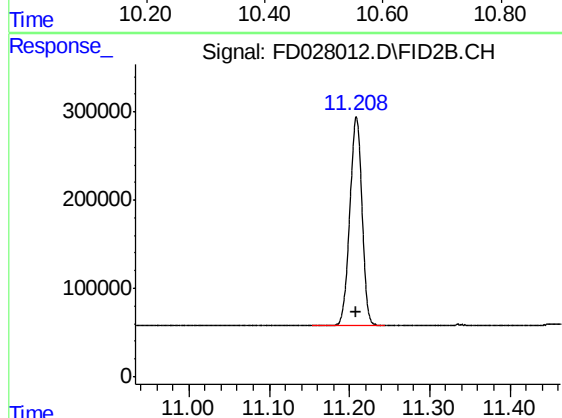
R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 2398632
Conc: 21.47 ug/ml

Instrument :
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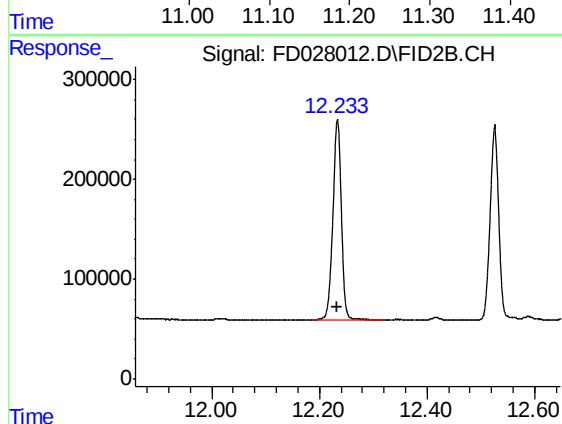
#10 Anthracene (C19.43)

R.T.: 10.508 min
Delta R.T.: 0.002 min
Response: 2364764
Conc: 21.36 ug/ml



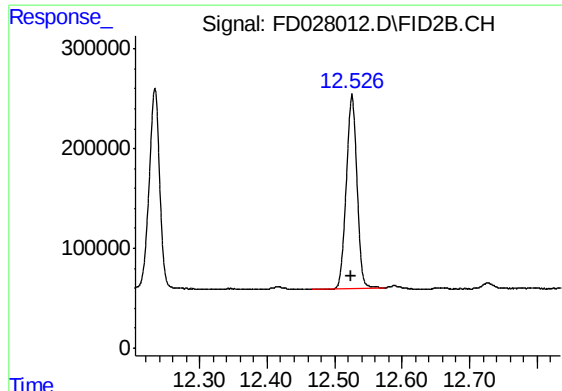
#11 ortho-Terphenyl (SURRE)

R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 2478370
Conc: 21.62 ug/ml



#12 Fluoranthene (C21.85)

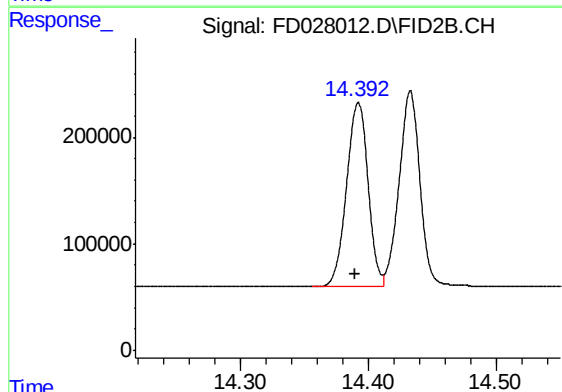
R.T.: 12.234 min
Delta R.T.: 0.000 min
Response: 2198923
Conc: 20.27 ug/ml



#13 Pyrene (C20.8)

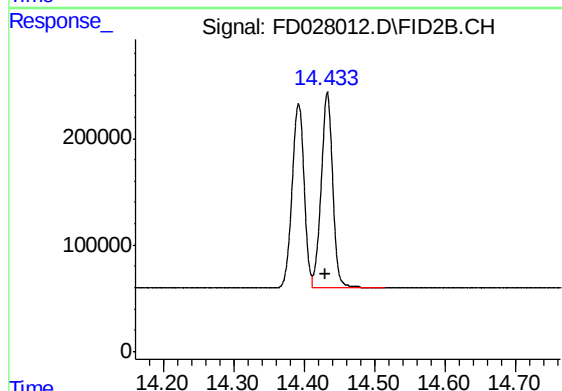
R.T.: 12.526 min
Delta R.T.: 0.000 min
Response: 2123298
Conc: 20.23 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



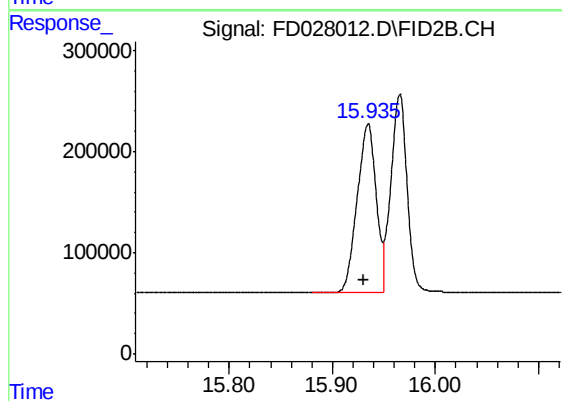
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.392 min
Delta R.T.: 0.003 min
Response: 2052341
Conc: 20.28 ug/ml



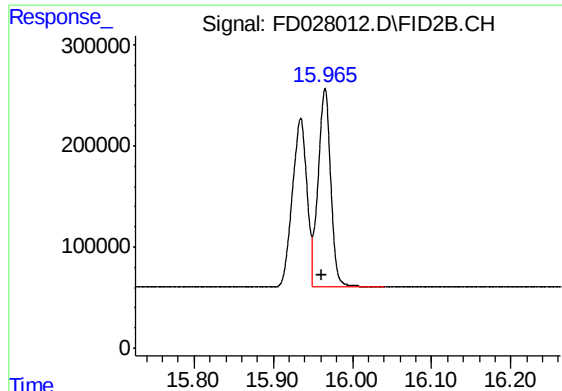
#15 Chrysene (C27.41)

R.T.: 14.433 min
Delta R.T.: 0.003 min
Response: 2085204
Conc: 20.22 ug/ml



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

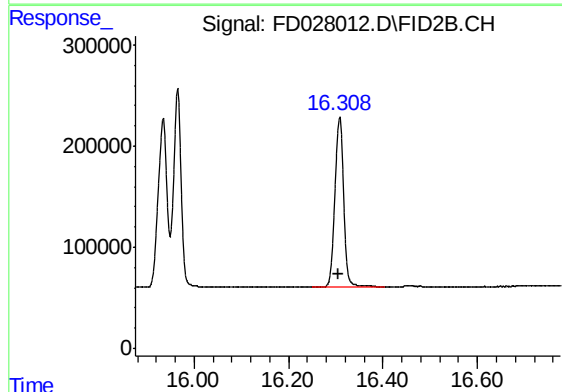
R.T.: 15.935 min
Delta R.T.: 0.004 min
Response: 2130026
Conc: 20.21 ug/ml



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

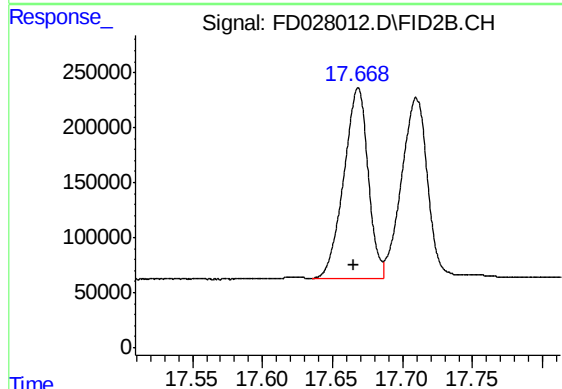
R.T.: 15.966 min
Delta R.T.: 0.004 min
Response: 2170110
Conc: 20.15 ug/ml

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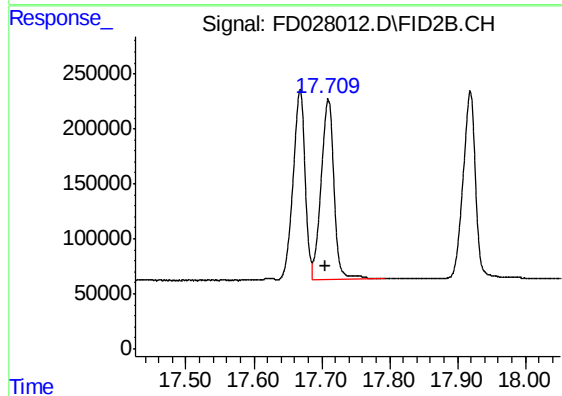
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.309 min
Delta R.T.: 0.002 min
Response: 2151620
Conc: 20.10 ug/ml



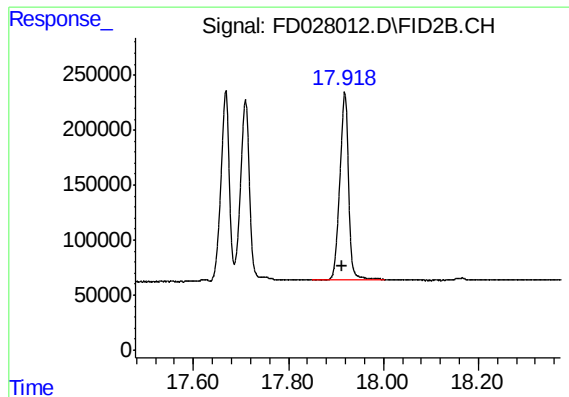
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.668 min
Delta R.T.: 0.004 min
Response: 2095160
Conc: 20.47 ug/ml



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

R.T.: 17.710 min
Delta R.T.: 0.004 min
Response: 2168755
Conc: 21.52 ug/ml



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

R.T.: 17.919 min
Delta R.T.: 0.005 min
Response: 2151315
Conc: 19.91 ug/ml

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