

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122118AR\
 Data File : FD027035.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2018 12:42
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 23 22:32:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 2018
 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...	7.374	1646174	19.988 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
6) S 2-Fluorobiphenyl (SURR)	8.224	1133610	20.063 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.13%
11) S ortho-Terphenyl (SURR)	11.269	1956241	20.641 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	1714505	19.419 ug/ml
2) T Naphthalene (C11.7)	5.708	1883806	19.790 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	1871053	19.892 ug/ml
5) T Acenaphthylene (C15.06)	8.028	1831983	20.084 ug/ml
7) T Acenaphthene (C15.5)	8.323	1917379	20.072 ug/ml
8) T Fluorene (C16.55)	9.103	1911465	20.146 ug/ml
9) T Phenanthrene (C19.36)	10.492	1963059	20.614 ug/ml
10) T Anthracene (C19.43)	10.567	1940270	20.536 ug/ml
12) T Fluoranthene (C21.85)	12.299	2050423	21.261 ug/ml
13) T Pyrene (C20.8)	12.593	2069593	21.407 ug/ml
14) T Benzo[a]anthracene (C...	14.464	2036063	21.612 ug/ml
15) T Chrysene (C27.41)	14.505	2055881	21.736 ug/ml
16) T benzo[b]fluoranthene ...	16.010	2102778	21.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	2106969	21.267 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	2085935	20.819 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	1999099	18.813 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	1961464	19.450 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	2046136	19.482 ug/ml

(f)=RT Delta > 1/2 Window

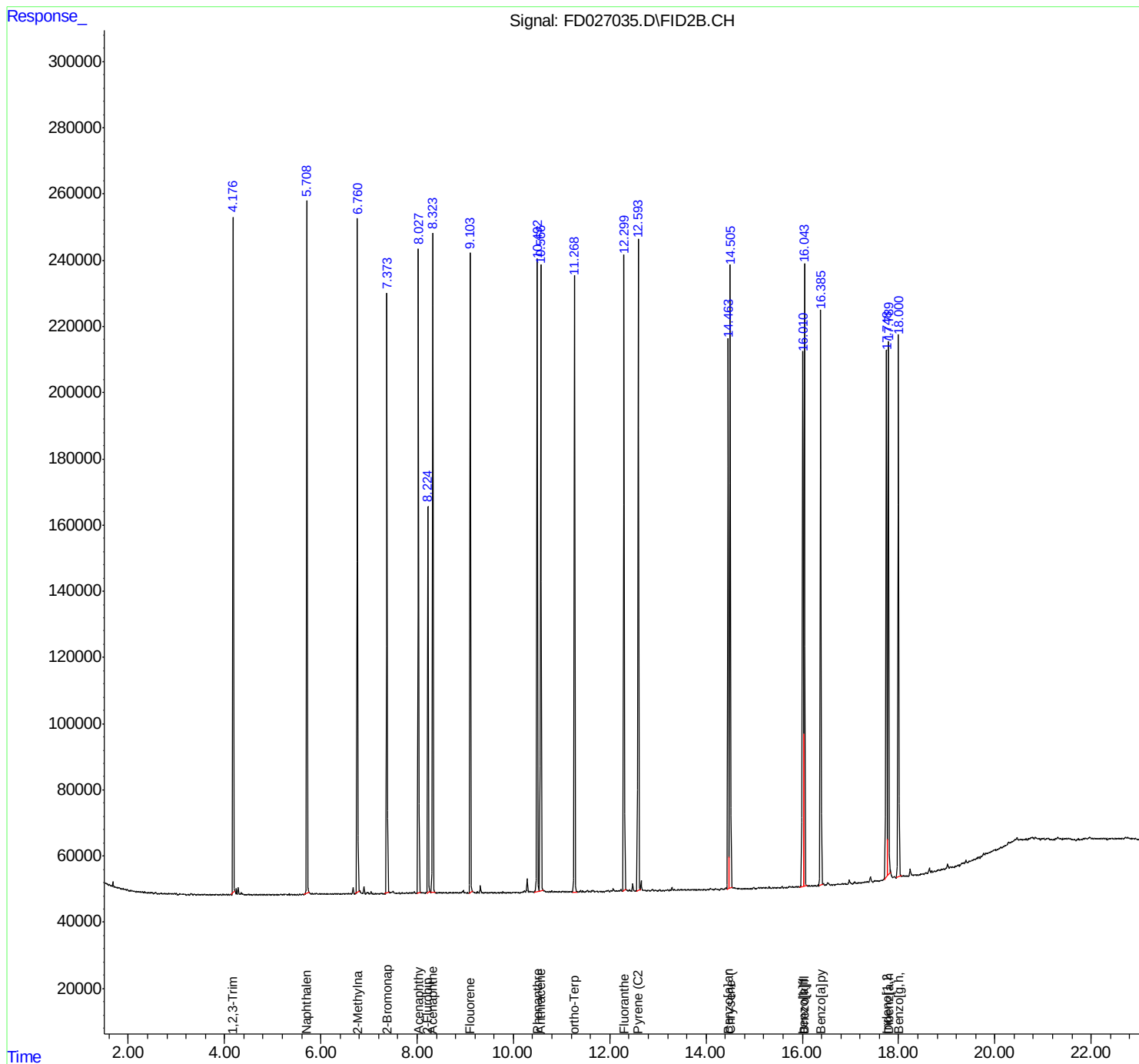
(m)=manual int.

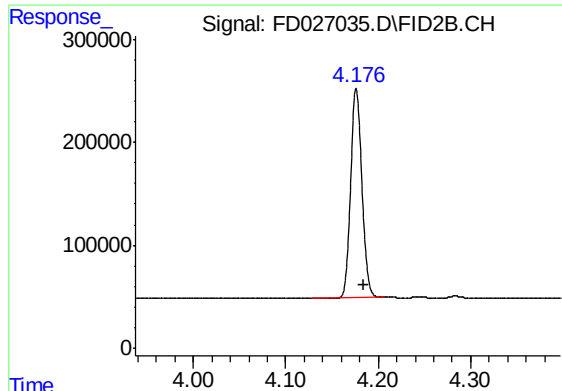
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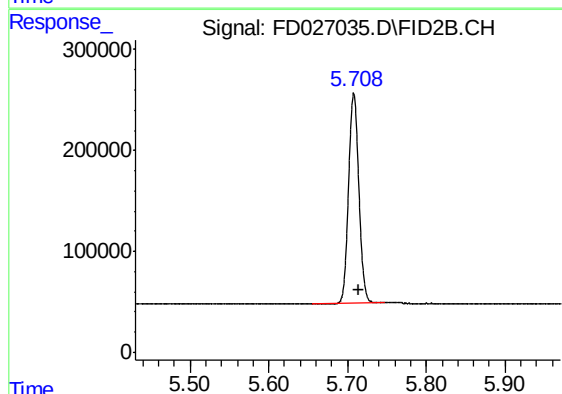




#1 1,2,3-Trimethylbenzene (C10.1)

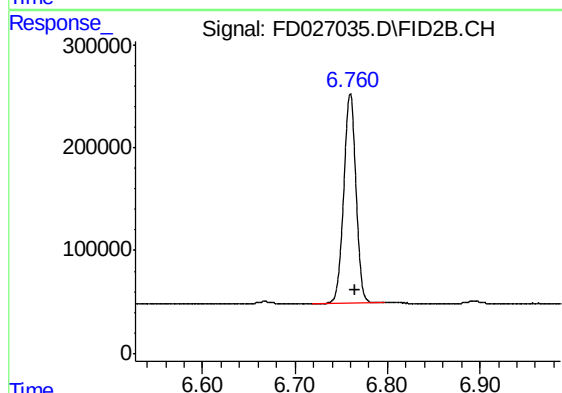
R.T.: 4.176 min
Delta R.T.: -0.008 min
Response: 1714505
Conc: 19.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



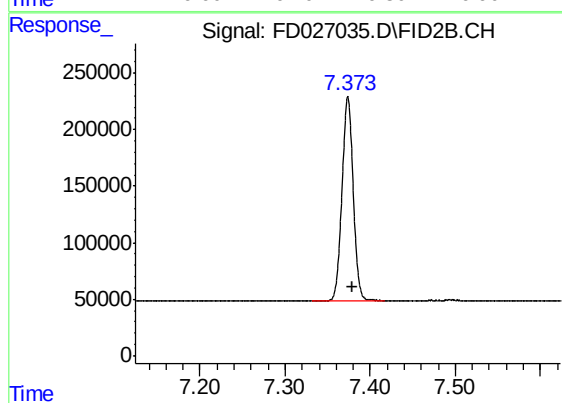
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 1883806
Conc: 19.79 ug/ml



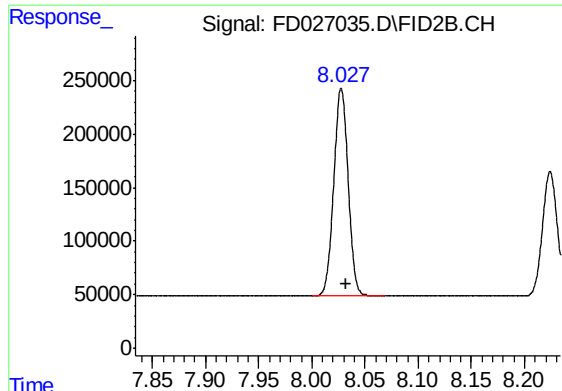
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 1871053
Conc: 19.89 ug/ml



#4 2-Bromonaphthalene (SURR)

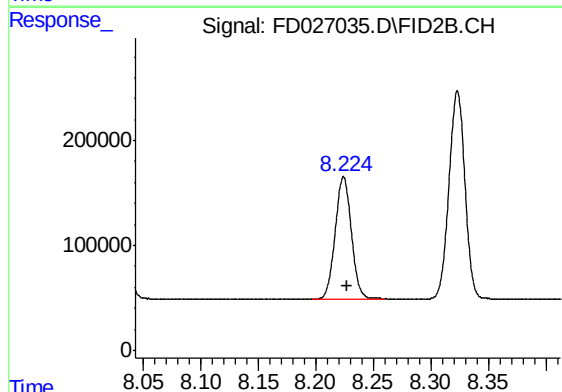
R.T.: 7.374 min
Delta R.T.: -0.005 min
Response: 1646174
Conc: 19.99 ug/ml



#5 Acenaphthylene (C15.06)

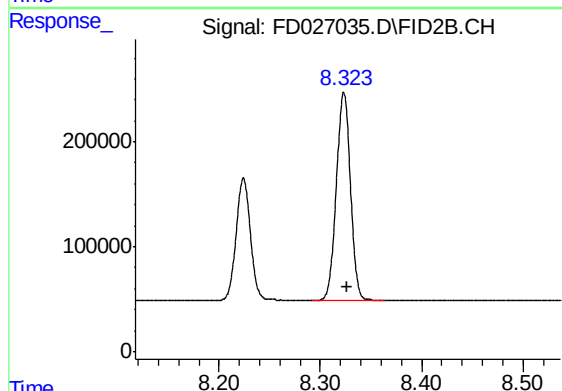
R.T.: 8.028 min
Delta R.T.: -0.004 min
Response: 1831983
Conc: 20.08 ug/ml

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20 PPM AROMATIC HC STD



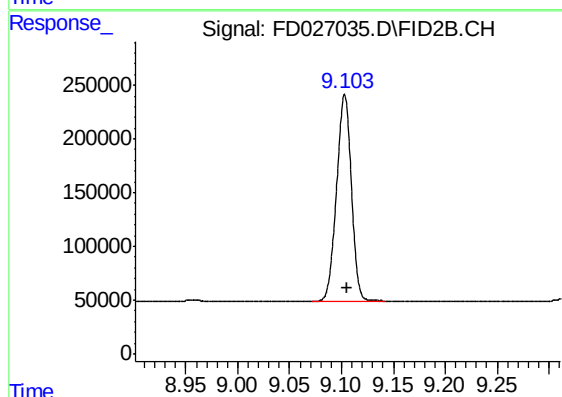
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 1133610
Conc: 20.06 ug/ml



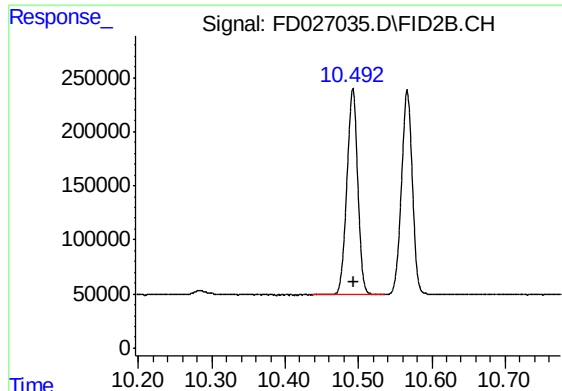
#7 Acenaphthene (C15.5)

R.T.: 8.323 min
Delta R.T.: -0.003 min
Response: 1917379
Conc: 20.07 ug/ml



#8 Fluorene (C16.55)

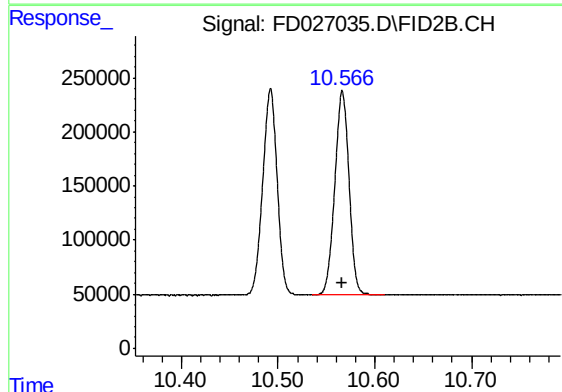
R.T.: 9.103 min
Delta R.T.: -0.002 min
Response: 1911465
Conc: 20.15 ug/ml



#9 Phenanthrene (C19.36)

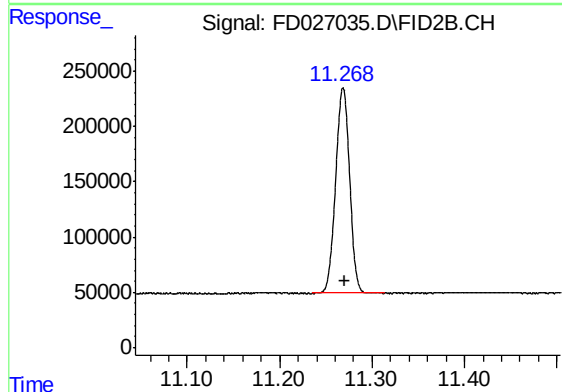
R.T.: 10.492 min
Delta R.T.: 0.000 min
Response: 1963059
Conc: 20.61 ug/ml

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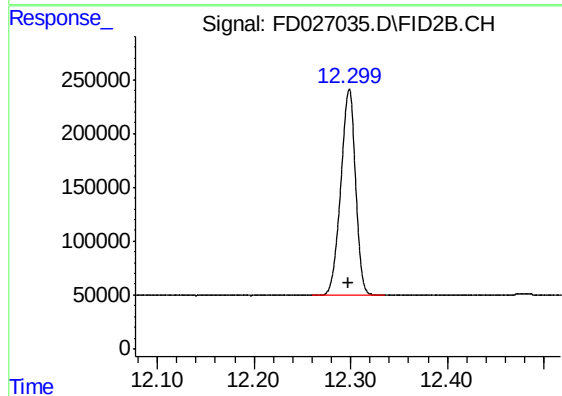
#10 Anthracene (C19.43)

R.T.: 10.567 min
Delta R.T.: 0.000 min
Response: 1940270
Conc: 20.54 ug/ml



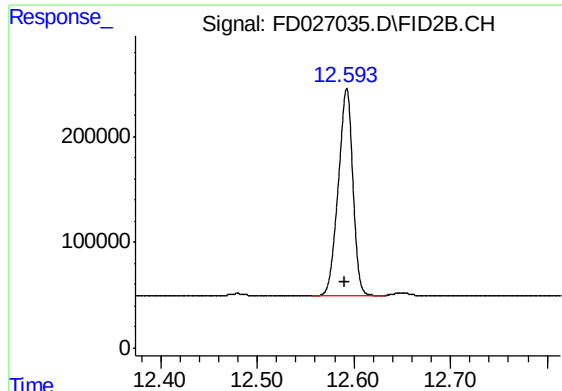
#11 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.002 min
Response: 1956241
Conc: 20.64 ug/ml



#12 Fluoranthene (C21.85)

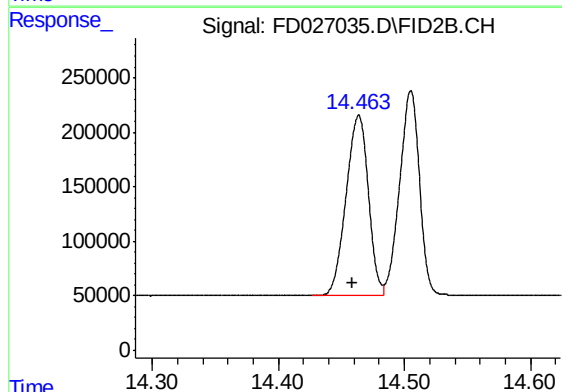
R.T.: 12.299 min
Delta R.T.: 0.001 min
Response: 2050423
Conc: 21.26 ug/ml



#13 Pyrene (C20.8)

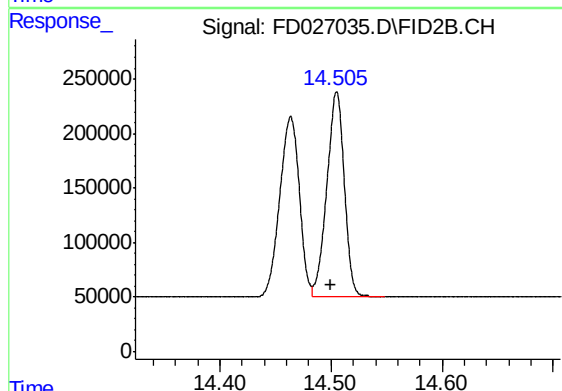
R.T.: 12.593 min
Delta R.T.: 0.002 min
Response: 2069593
Conc: 21.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



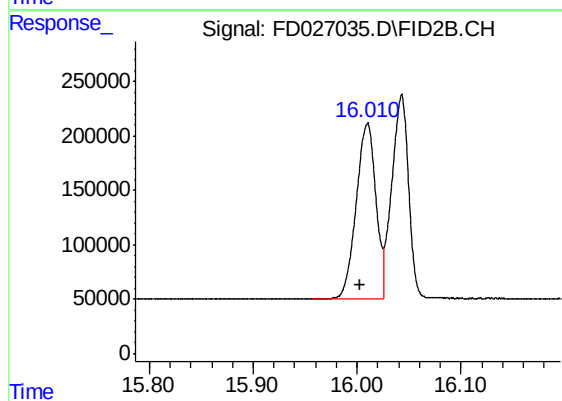
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: 0.005 min
Response: 2036063
Conc: 21.61 ug/ml



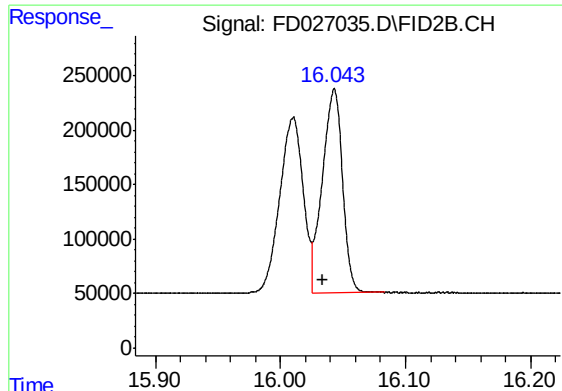
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: 0.005 min
Response: 2055881
Conc: 21.74 ug/ml



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

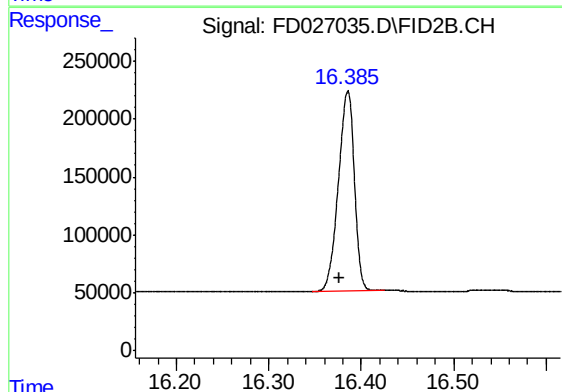
R.T.: 16.010 min
Delta R.T.: 0.007 min
Response: 2102778
Conc: 21.12 ug/ml



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

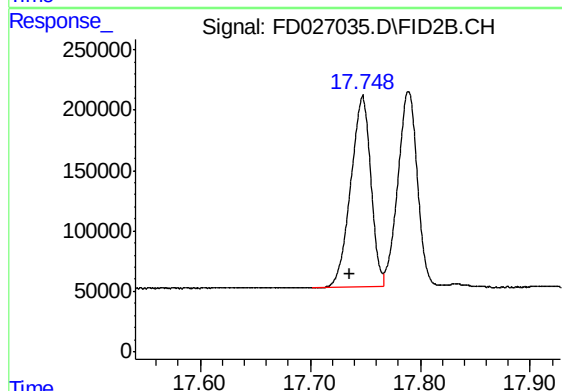
R.T.: 16.043 min
Delta R.T.: 0.009 min
Response: 2106969
Conc: 21.27 ug/ml

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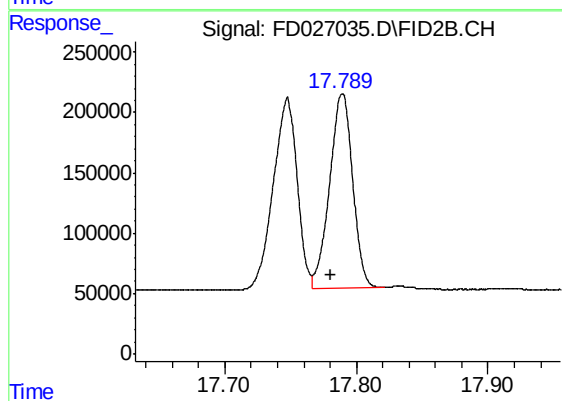
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: 0.008 min
Response: 2085935
Conc: 20.82 ug/ml



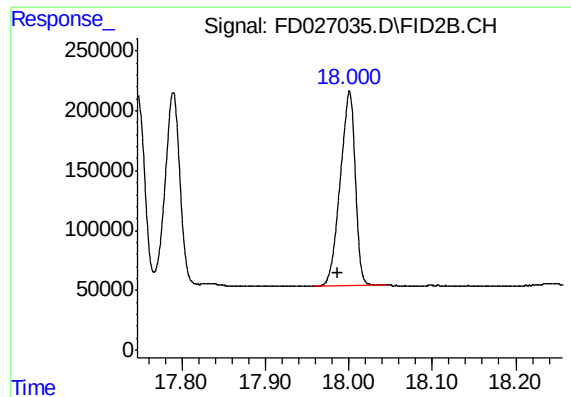
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: 0.011 min
Response: 1999099
Conc: 18.81 ug/ml



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

R.T.: 17.789 min
Delta R.T.: 0.009 min
Response: 1961464
Conc: 19.45 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.014 min
Response: 2046136
Conc: 19.48 ug/ml

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