

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121418AR\
 Data File : FD026938.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2018 15:19
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 16 00:23:59 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...	7.377	1862453	22.615 ug/ml
Spiked Amount 50.000		Recovery =	45.23%
6) S 2-Fluorobiphenyl (SURR)	8.227	1273159	22.533 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.07%
11) S ortho-Terphenyl (SURR)	11.272	2143553	22.617 ug/ml
Spiked Amount 50.000		Recovery =	45.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	1996342	22.611 ug/ml
2) T Naphthalene (C11.7)	5.711	2170227	22.799 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	2134369	22.691 ug/ml
5) T Acenaphthylene (C15.06)	8.031	2056736	22.548 ug/ml
7) T Acenaphthene (C15.5)	8.326	2147300	22.479 ug/ml
8) T Flouorene (C16.55)	9.106	2124850	22.395 ug/ml
9) T Phenanthrene (C19.36)	10.496	2158002	22.661 ug/ml
10) T Anthracene (C19.43)	10.570	2132625	22.572 ug/ml
12) T Fluoranthene (C21.85)	12.302	2232629	23.150 ug/ml
13) T Pyrene (C20.8)	12.596	2258116	23.357 ug/ml
14) T Benzo[a]anthracene (C...	14.466	2242877	23.808 ug/ml
15) T Chrysene (C27.41)	14.507	2262455	23.920 ug/ml
16) T benzo[b]fluoranthene ...	16.012	2323856	23.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	2332607	23.544 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	2303870	22.994 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	2245617	21.133 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	2199983	21.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	2290604	21.809 ug/ml

(f)=RT Delta > 1/2 Window

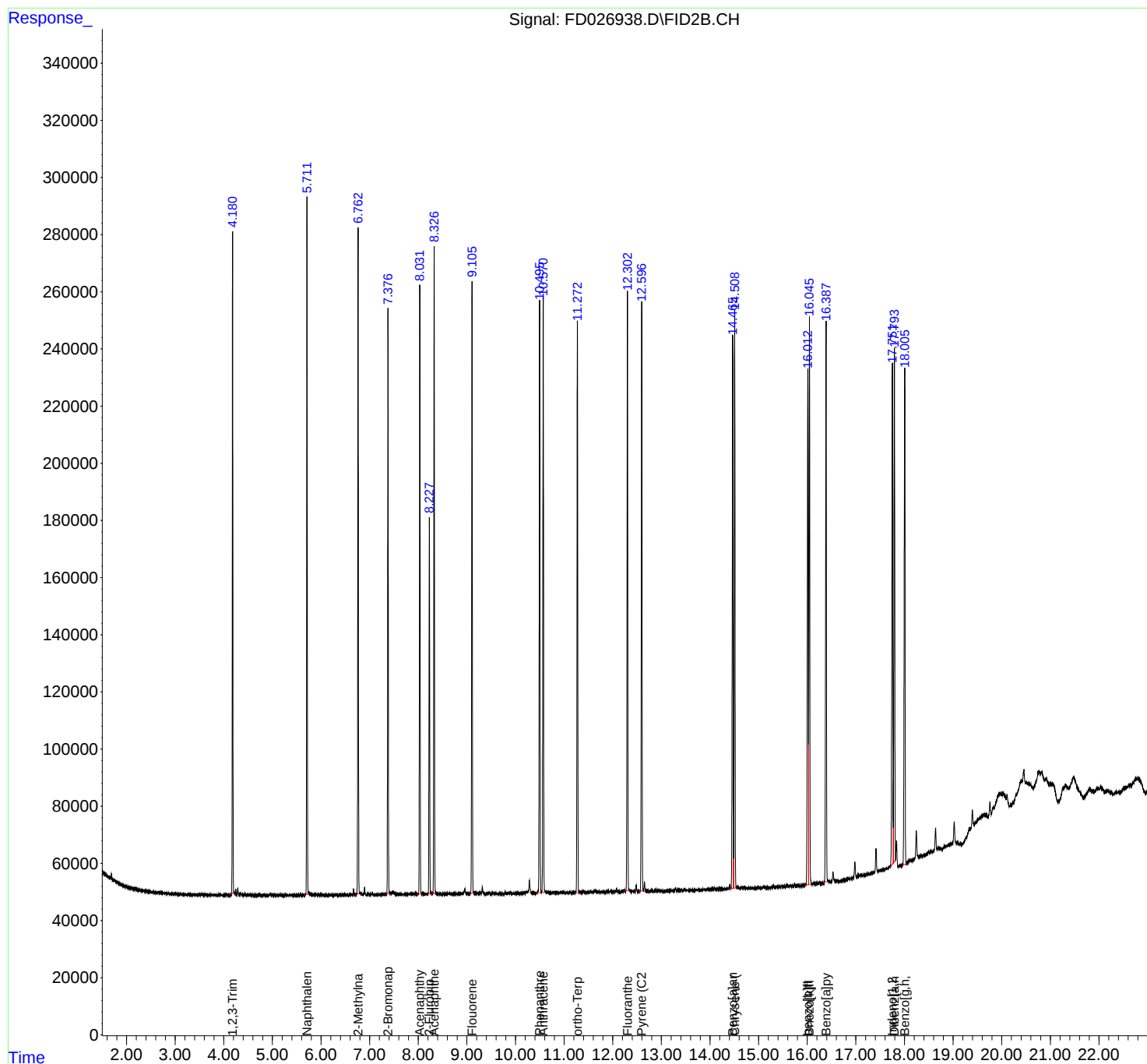
(m)=manual int.

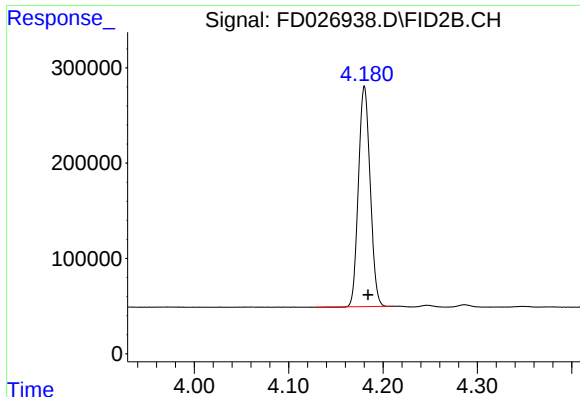
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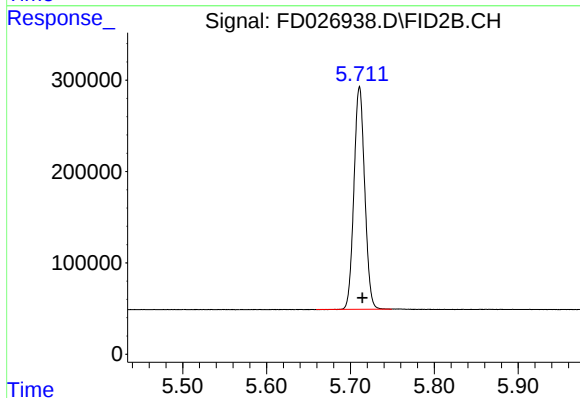




#1 1,2,3-Trimethylbenzene (C10.1)

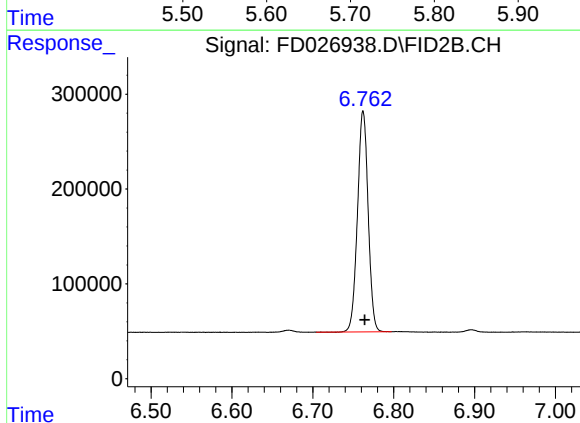
R.T.: 4.180 min
Delta R.T.: -0.004 min
Response: 1996342
Conc: 22.61 ug/ml

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20 PPM AROMATIC HC STD



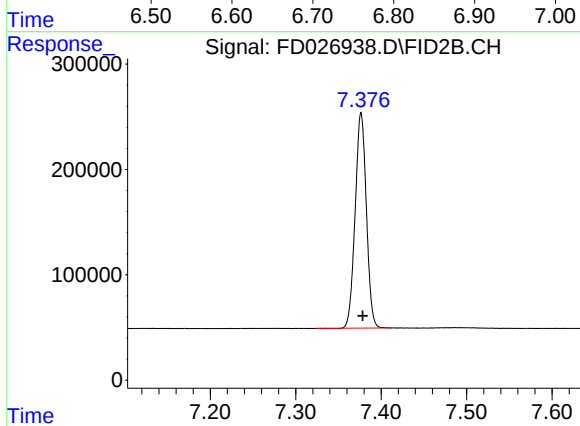
#2 Naphthalene (C11.7)

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 2170227
Conc: 22.80 ug/ml



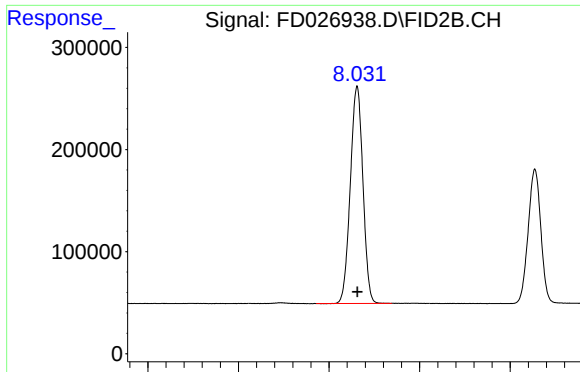
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 2134369
Conc: 22.69 ug/ml



#4 2-Bromonaphthalene (SURR)

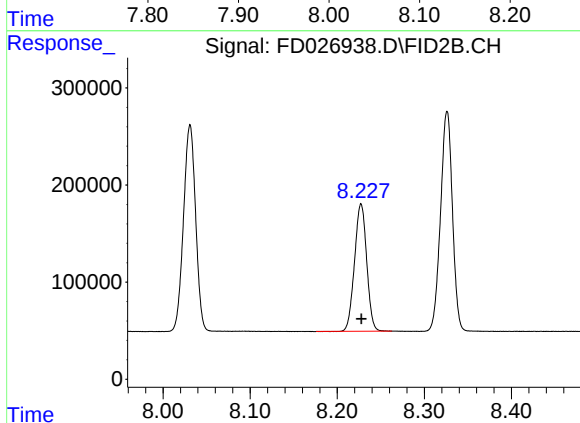
R.T.: 7.377 min
Delta R.T.: -0.002 min
Response: 1862453
Conc: 22.61 ug/ml



#5 Acenaphthylene (C15.06)

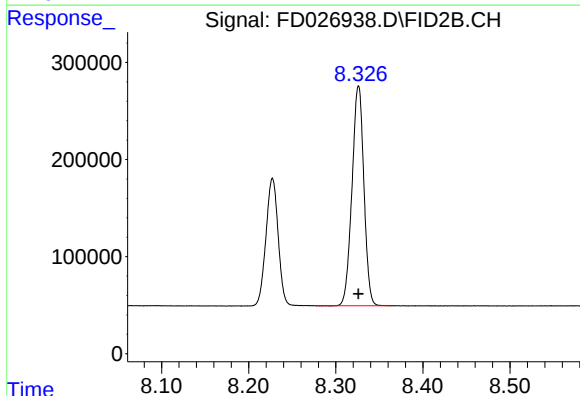
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 2056736
Conc: 22.55 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



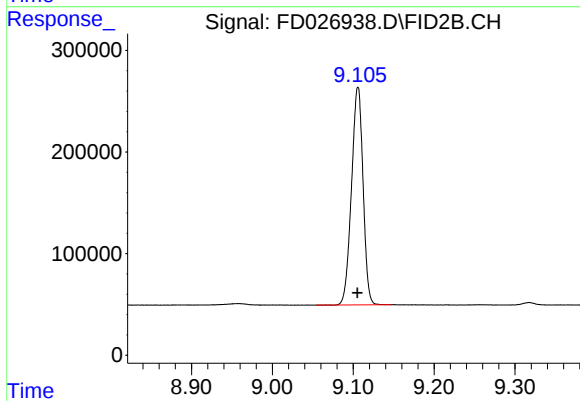
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 1273159
Conc: 22.53 ug/ml



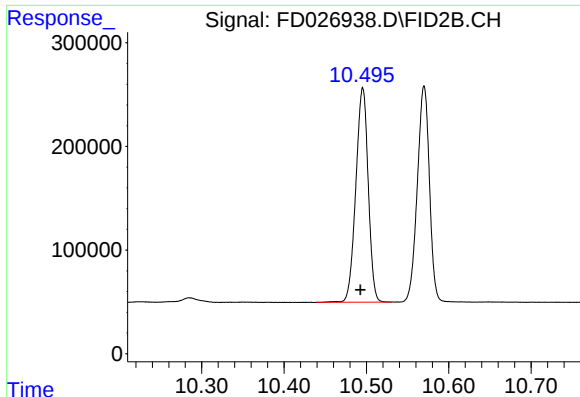
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 2147300
Conc: 22.48 ug/ml



#8 Flouorene (C16.55)

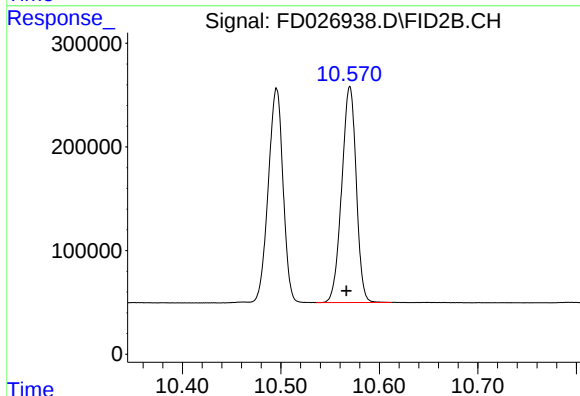
R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 2124850
Conc: 22.40 ug/ml



#9 Phenanthrene (C19.36)

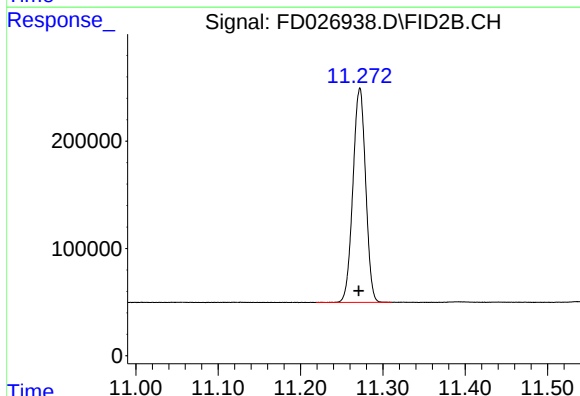
R.T.: 10.496 min
Delta R.T.: 0.003 min
Response: 2158002
Conc: 22.66 ug/ml

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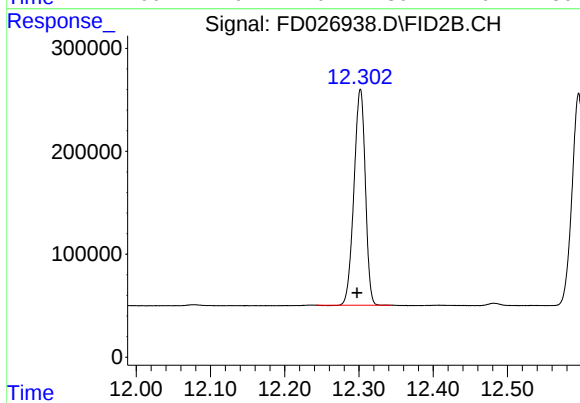
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: 0.003 min
Response: 2132625
Conc: 22.57 ug/ml



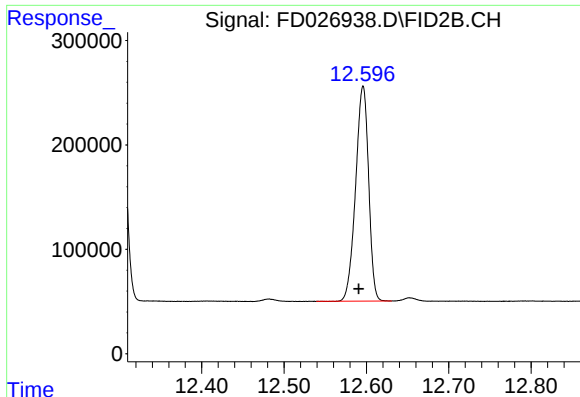
#11 ortho-Terphenyl (SURR)

R.T.: 11.272 min
Delta R.T.: 0.002 min
Response: 2143553
Conc: 22.62 ug/ml



#12 Fluoranthene (C21.85)

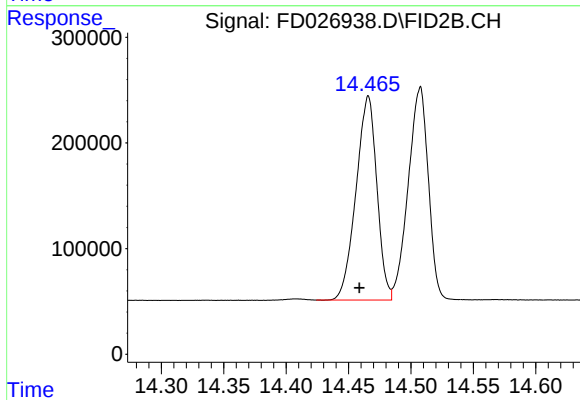
R.T.: 12.302 min
Delta R.T.: 0.005 min
Response: 2232629
Conc: 23.15 ug/ml



#13 Pyrene (C20.8)

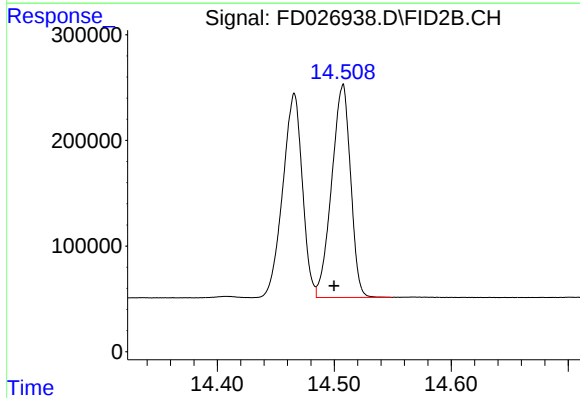
R.T.: 12.596 min
Delta R.T.: 0.005 min
Response: 2258116
Conc: 23.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



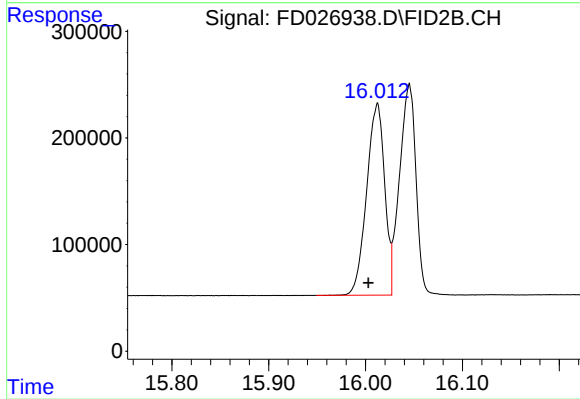
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: 0.007 min
Response: 2242877
Conc: 23.81 ug/ml



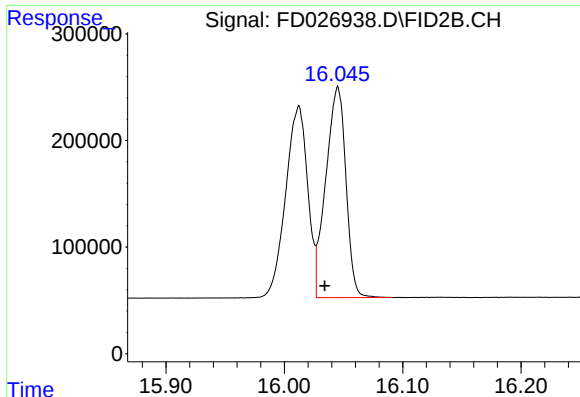
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: 0.007 min
Response: 2262455
Conc: 23.92 ug/ml



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

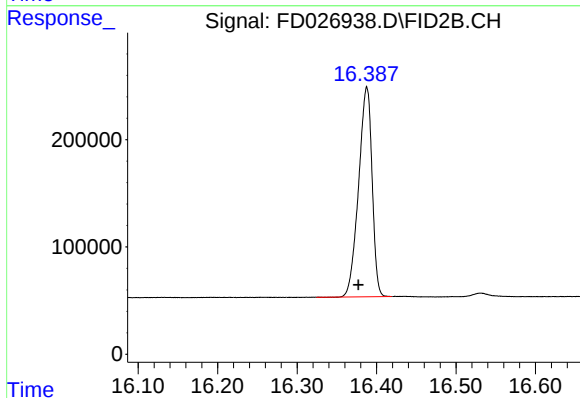
R.T.: 16.012 min
Delta R.T.: 0.009 min
Response: 2323856
Conc: 23.34 ug/ml



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

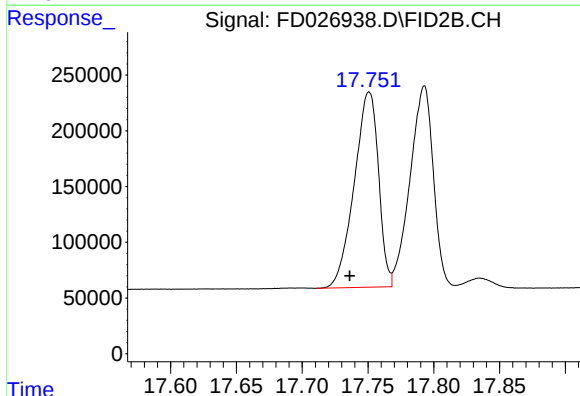
R.T.: 16.045 min
Delta R.T.: 0.011 min
Response: 2332607
Conc: 23.54 ug/ml

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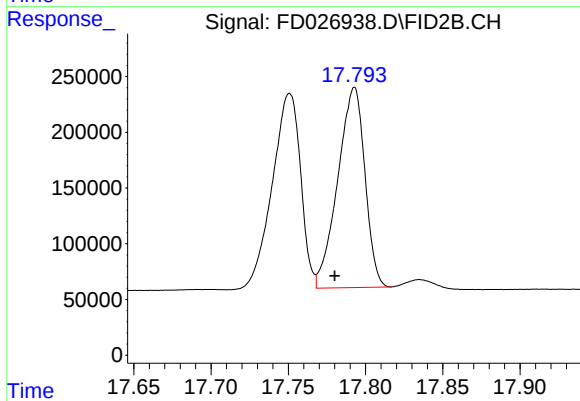
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: 0.011 min
Response: 2303870
Conc: 22.99 ug/ml



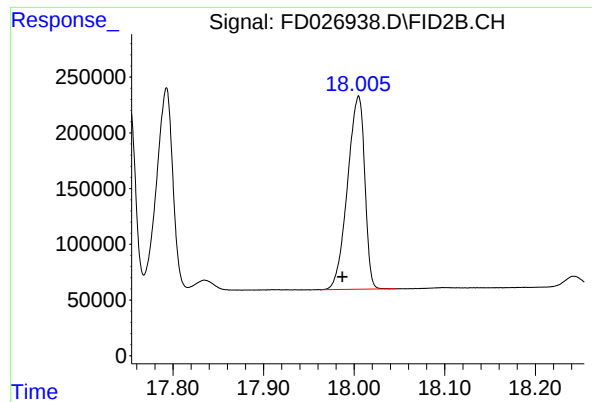
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: 0.015 min
Response: 2245617
Conc: 21.13 ug/ml



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

R.T.: 17.793 min
Delta R.T.: 0.013 min
Response: 2199983
Conc: 21.82 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.018 min
Response: 2290604
Conc: 21.81 ug/ml

Instrument :
FID_D
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