

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021419AR\
 Data File : FD027769.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2019 20:21
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 14 23:16:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.336	1519376	20.466 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
6) S 2-Fluorobiphenyl (SURR)	8.184	1025386	20.154 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.31%
11) S ortho-Terphenyl (SURR)	11.221	1801107	20.318 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1659660	20.999 ug/ml
2) T Naphthalene (C11.7)	5.673	1726244	20.281 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	1723421	20.428 ug/ml
5) T Acenaphthylene (C15.06)	7.988	1693282	20.223 ug/ml
7) T Acenaphthene (C15.5)	8.281	1763135	20.059 ug/ml
8) T Flouorene (C16.55)	9.059	1726832	19.801 ug/ml
9) T Phenanthrene (C19.36)	10.445	1752966	19.956 ug/ml
10) T Anthracene (C19.43)	10.520	1712964	19.824 ug/ml
12) T Fluoranthene (C21.85)	12.247	1802214	20.131 ug/ml
13) T Pyrene (C20.8)	12.541	1803117	20.320 ug/ml
14) T Benzo[a]anthracene (C...	14.407	1799824	20.129 ug/ml
15) T Chrysene (C27.41)	14.448	1838996	20.250 ug/ml
16) T benzo[b]fluoranthene ...	15.949	1860895	19.054 ug/ml
17) T Bnezo[k]fluoranthene ...	15.981	1919746	19.416 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.324	1844110	18.860 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.683	1730246	17.448 ug/ml
20) T Dibenz[a,h]anthracene...	17.725	1710909	17.394 ug/ml
21) T Benzo[g,h,i]perylene ...	17.934	1816898	17.922 ug/ml

(f)=RT Delta > 1/2 Window

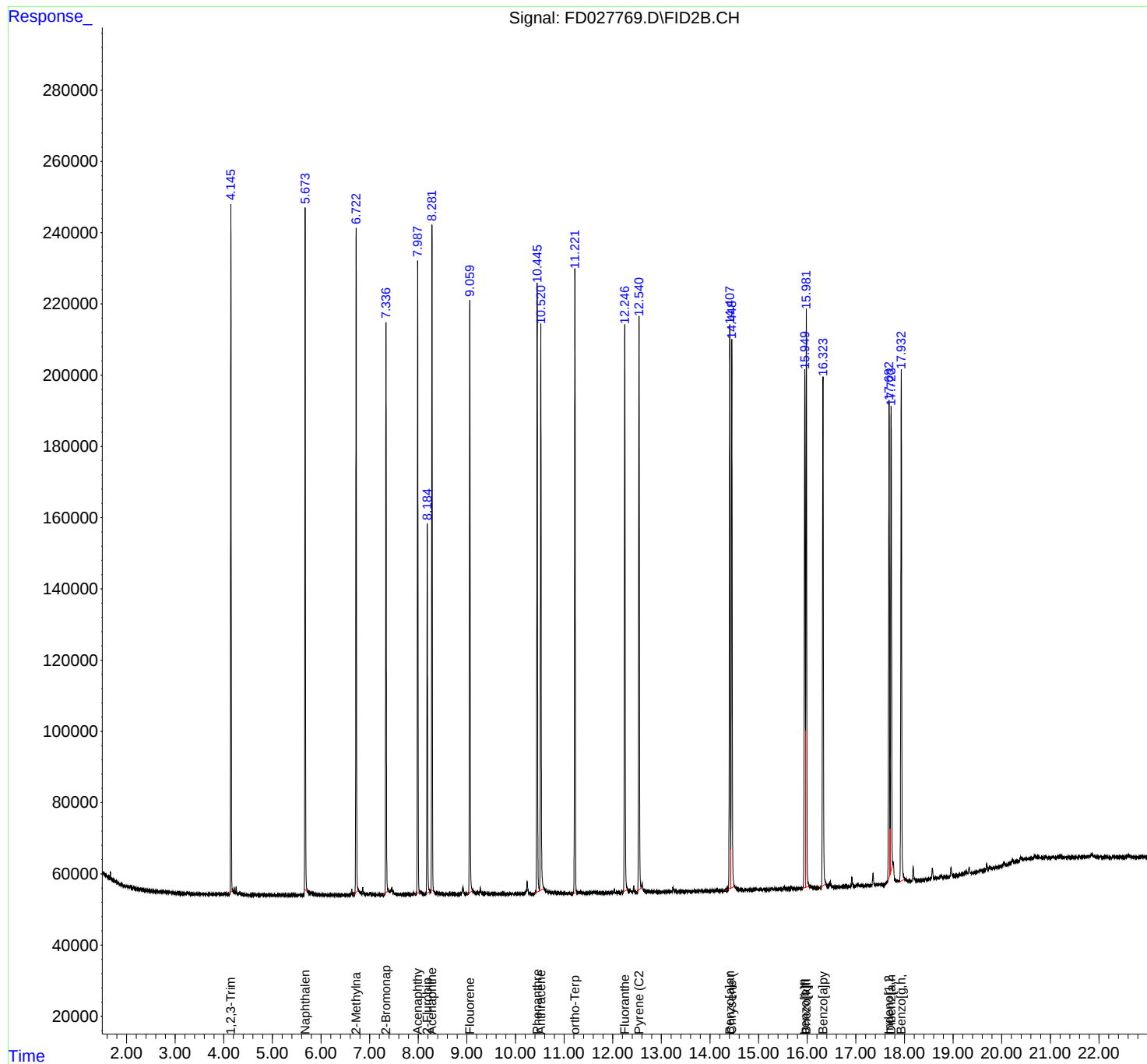
(m)=manual int.

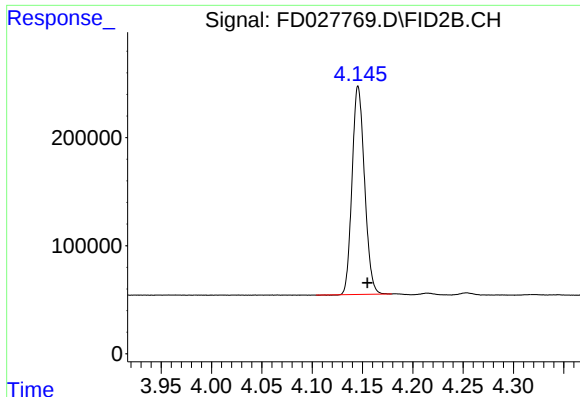
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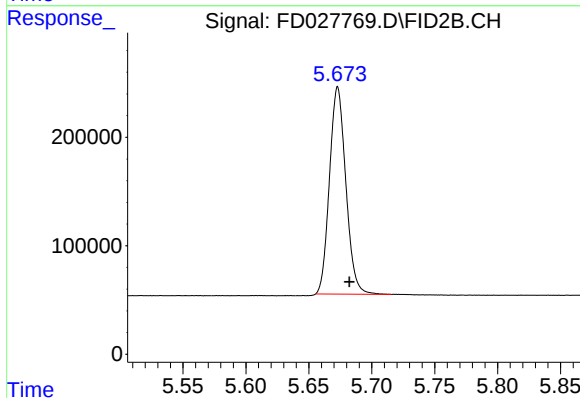




#1 1,2,3-Trimethylbenzene (C10.1)

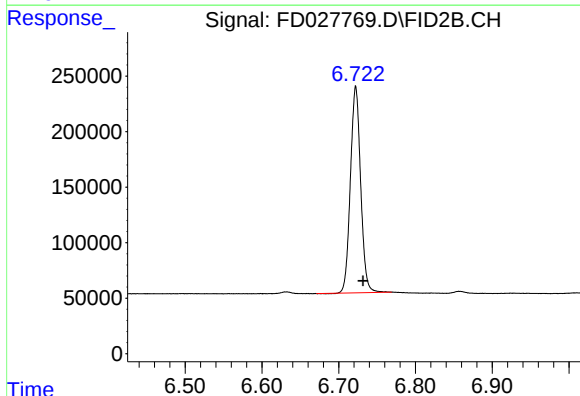
R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1659660
Conc: 21.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



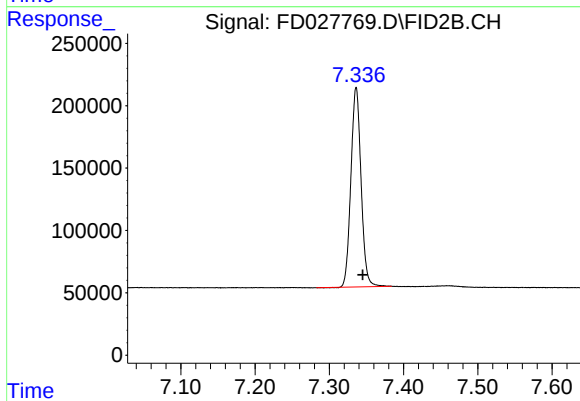
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.009 min
Response: 1726244
Conc: 20.28 ug/ml



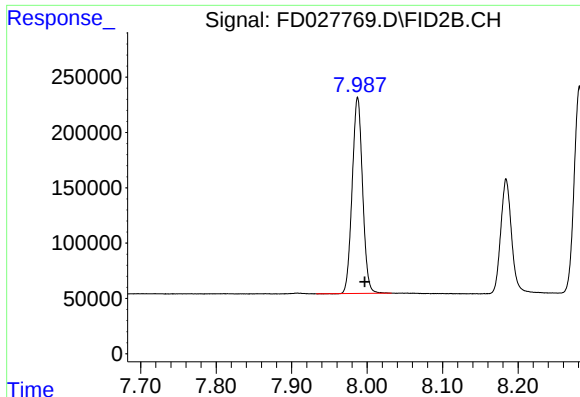
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 1723421
Conc: 20.43 ug/ml



#4 2-Bromonaphthalene (SURR)

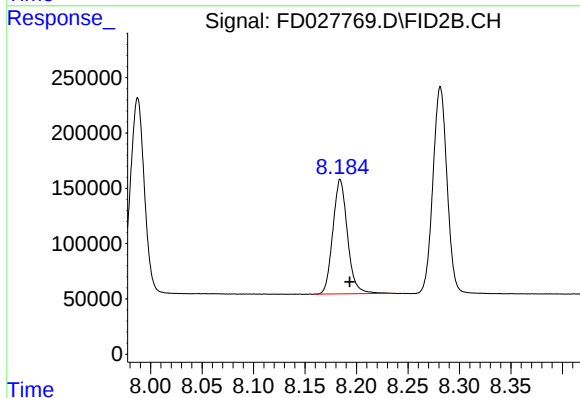
R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 1519376
Conc: 20.47 ug/ml



#5 Acenaphthylene (C15.06)

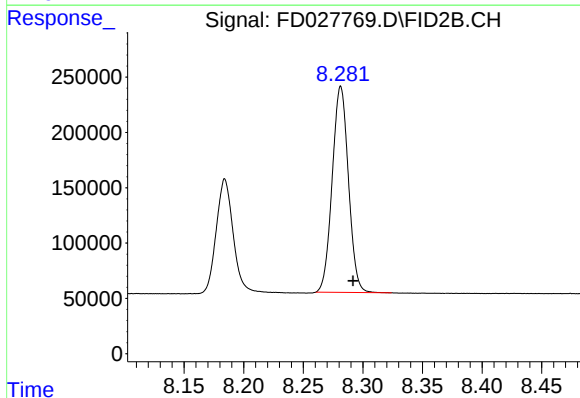
R.T.: 7.988 min
Delta R.T.: -0.009 min
Response: 1693282
Conc: 20.22 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



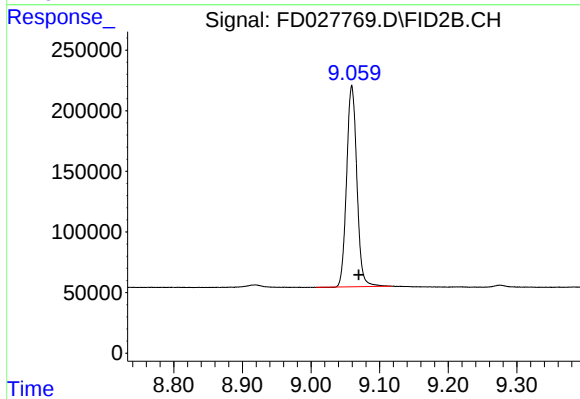
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.009 min
Response: 1025386
Conc: 20.15 ug/ml



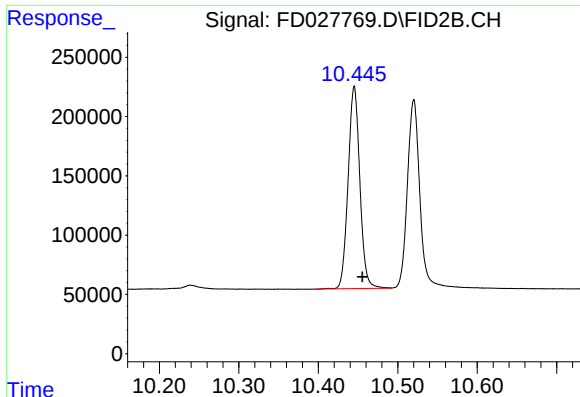
#7 Acenaphthene (C15.5)

R.T.: 8.281 min
Delta R.T.: -0.010 min
Response: 1763135
Conc: 20.06 ug/ml



#8 Fluorene (C16.55)

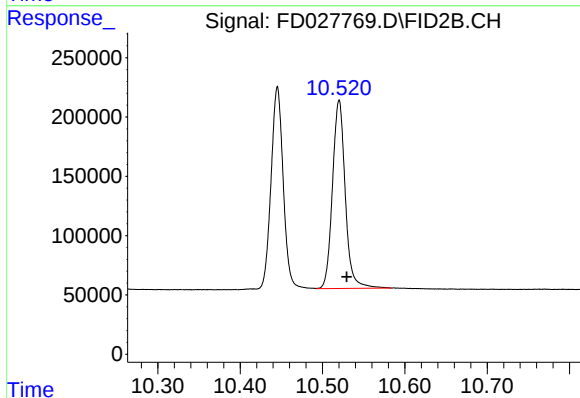
R.T.: 9.059 min
Delta R.T.: -0.010 min
Response: 1726832
Conc: 19.80 ug/ml



#9 Phenanthrene (C19.36)

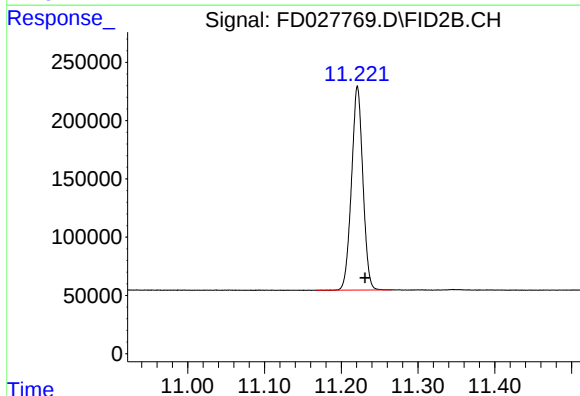
R.T.: 10.445 min
Delta R.T.: -0.010 min
Response: 1752966
Conc: 19.96 ug/ml

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20 PPM AROMATIC HC STD



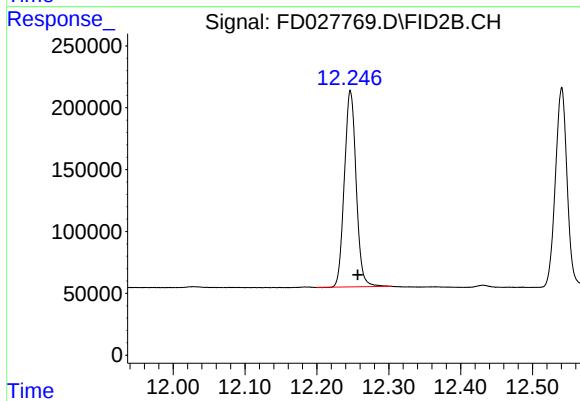
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 1712964
Conc: 19.82 ug/ml



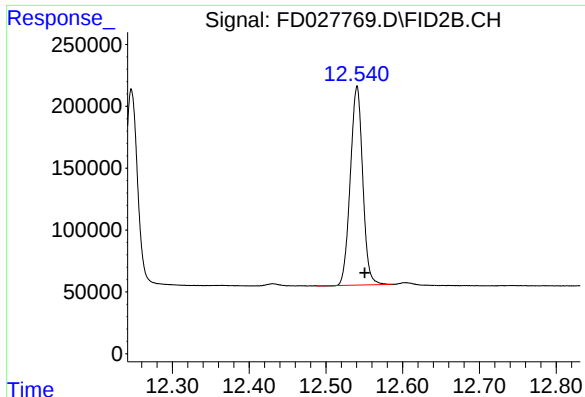
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.010 min
Response: 1801107
Conc: 20.32 ug/ml



#12 Fluoranthene (C21.85)

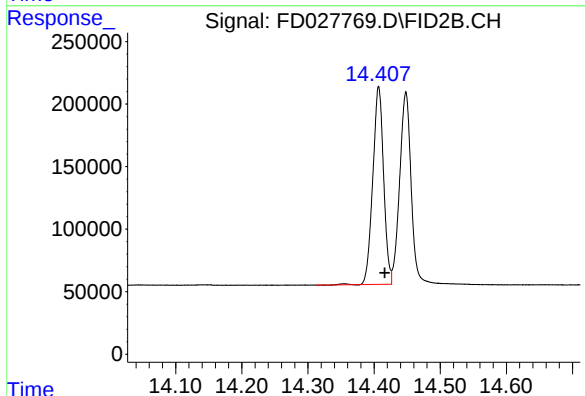
R.T.: 12.247 min
Delta R.T.: -0.010 min
Response: 1802214
Conc: 20.13 ug/ml



#13 Pyrene (C20.8)

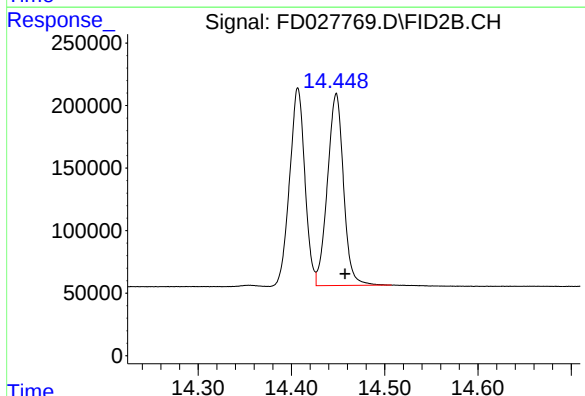
R.T.: 12.541 min
Delta R.T.: -0.010 min
Response: 1803117
Conc: 20.32 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



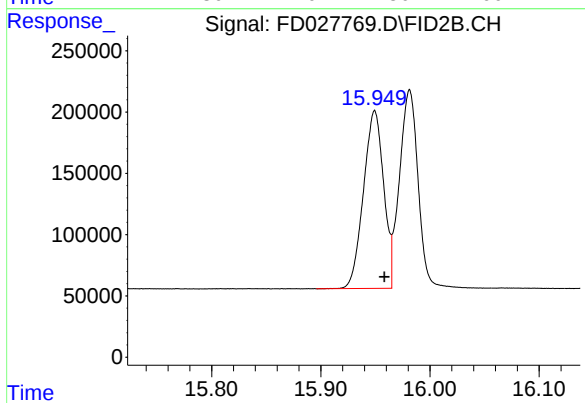
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.407 min
Delta R.T.: -0.009 min
Response: 1799824
Conc: 20.13 ug/ml



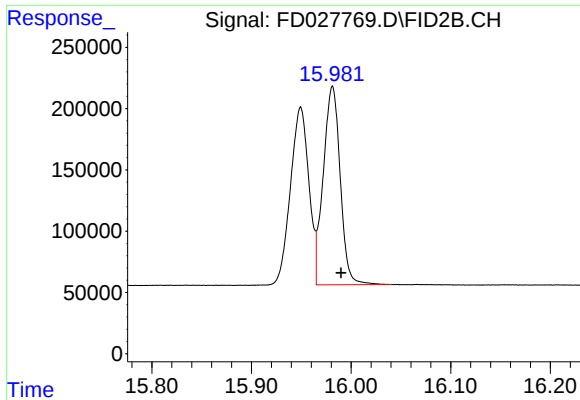
#15 Chrysene (C27.41)

R.T.: 14.448 min
Delta R.T.: -0.009 min
Response: 1838996
Conc: 20.25 ug/ml



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

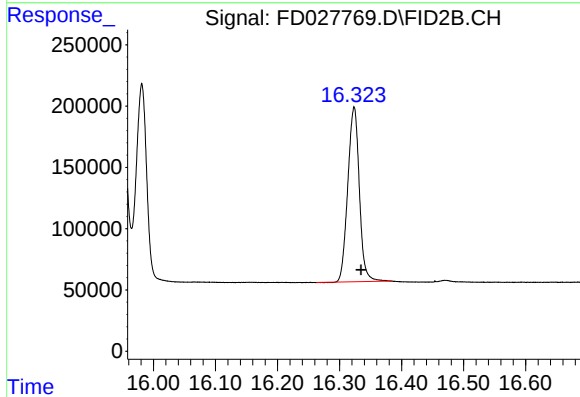
R.T.: 15.949 min
Delta R.T.: -0.009 min
Response: 1860895
Conc: 19.05 ug/ml



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

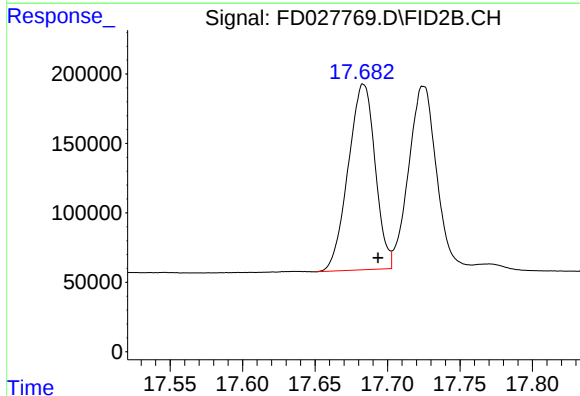
R.T.: 15.981 min
Delta R.T.: -0.008 min
Response: 1919746
Conc: 19.42 ug/ml

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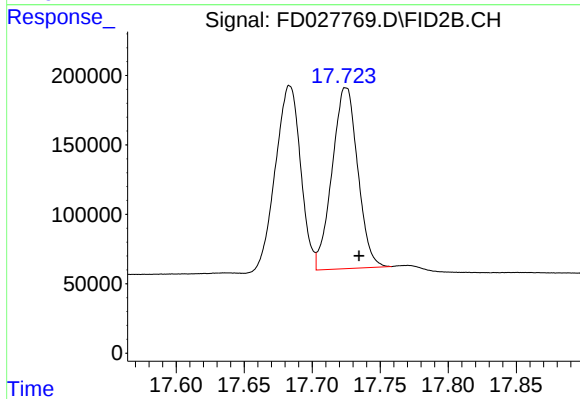
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.324 min
Delta R.T.: -0.011 min
Response: 1844110
Conc: 18.86 ug/ml



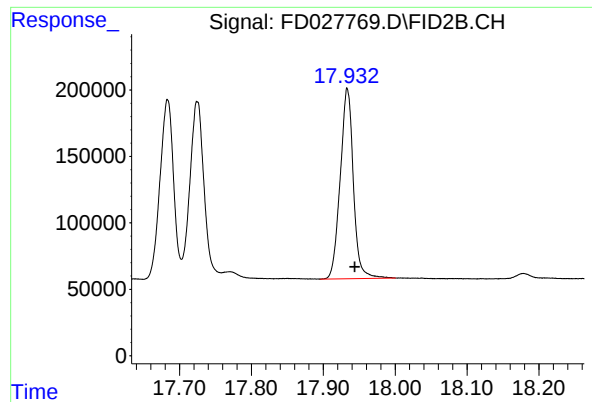
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.683 min
Delta R.T.: -0.010 min
Response: 1730246
Conc: 17.45 ug/ml



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

R.T.: 17.725 min
Delta R.T.: -0.010 min
Response: 1710909
Conc: 17.39 ug/ml



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

R.T.: 17.934 min
Delta R.T.: -0.010 min
Response: 1816898
Conc: 17.92 ug/ml

Instrument :
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ClientSampleId :
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