

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021319AR\
 Data File : FD027760.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2019 15:00
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 14 15:34:25 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	1427806	19.232 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
6) S 2-Fluorobiphenyl (SURR)	8.185	1000775	19.670 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.34%
11) S ortho-Terphenyl (SURR)	11.222	1799546	20.301 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1560236	19.741 ug/ml
2) T Naphthalene (C11.7)	5.674	1635201	19.211 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	1631591	19.340 ug/ml
5) T Acenaphthylene (C15.06)	7.988	1640543	19.594 ug/ml
7) T Acenaphthene (C15.5)	8.283	1720697	19.576 ug/ml
8) T Fluorene (C16.55)	9.060	1706981	19.573 ug/ml
9) T Phenanthrene (C19.36)	10.447	1797100	20.458 ug/ml
10) T Anthracene (C19.43)	10.521	1759557	20.363 ug/ml
12) T Fluoranthene (C21.85)	12.249	1885862	21.065 ug/ml
13) T Pyrene (C20.8)	12.541	1904381	21.461 ug/ml
14) T Benzo[a]anthracene (C...	14.408	1896991	21.215 ug/ml
15) T Chrysene (C27.41)	14.449	1943035	21.396 ug/ml
16) T benzo[b]fluoranthene ...	15.951	1976681	20.239 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	2012245	20.351 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.326	1956648	20.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.686	1868517	18.842 ug/ml
20) T Dibenz[a,h]anthracene...	17.727	1968100	20.009 ug/ml
21) T Benzo[g,h,i]perylene ...	17.936	1925612	18.994 ug/ml

(f)=RT Delta > 1/2 Window

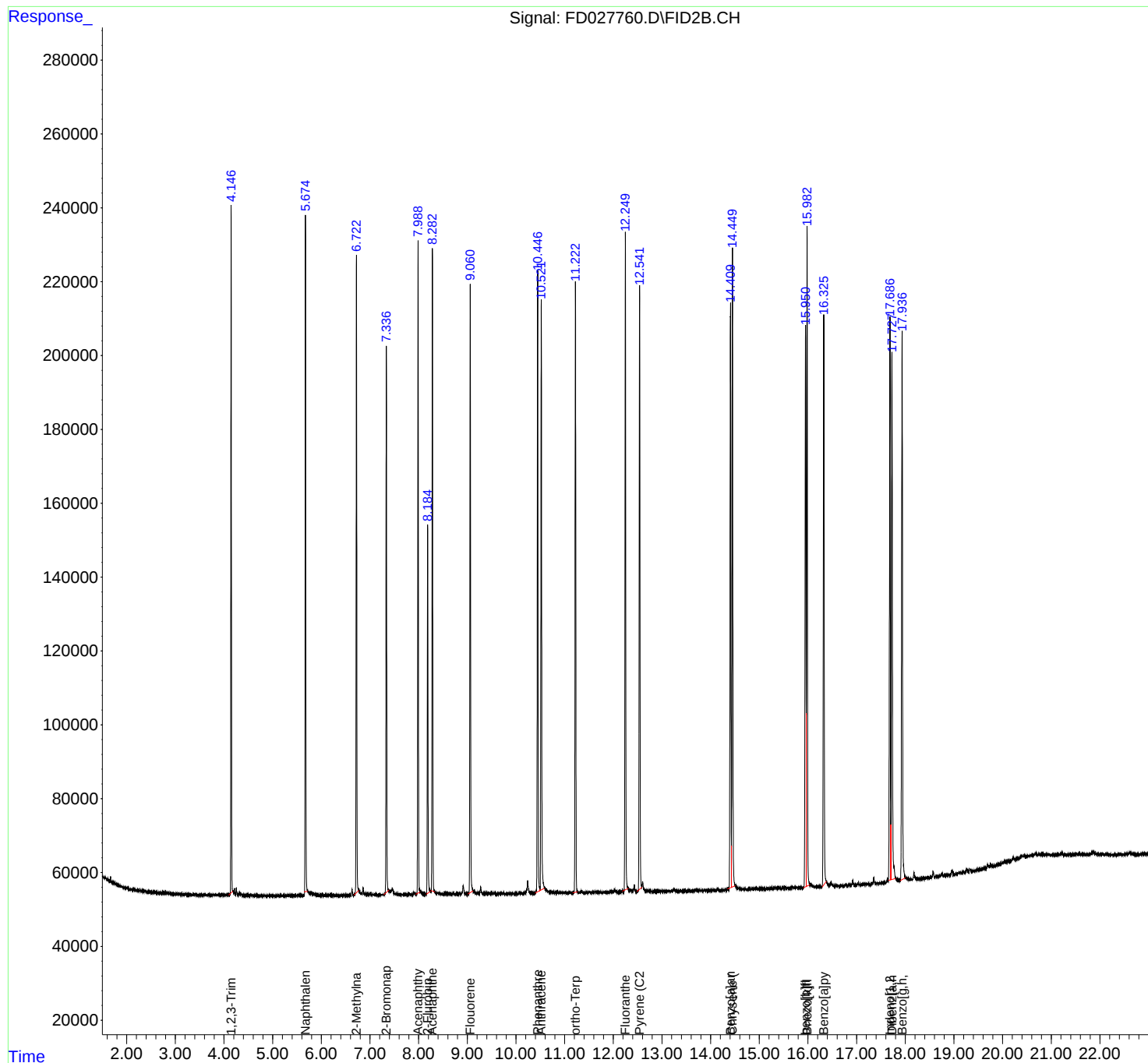
(m)=manual int.

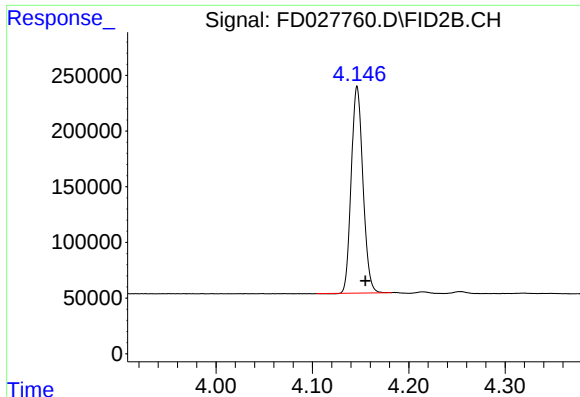
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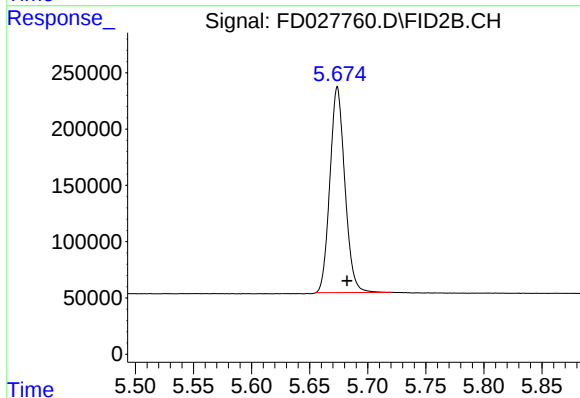




#1 1,2,3-Trimethylbenzene (C10.1)

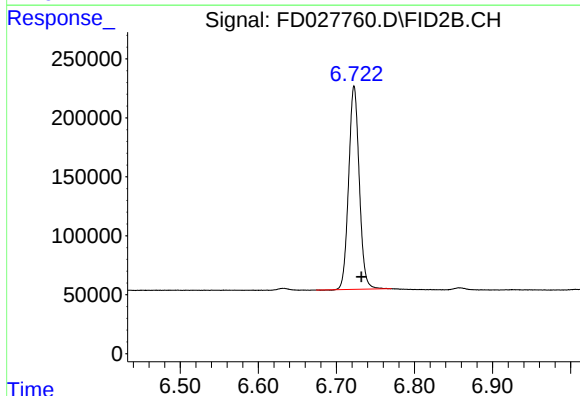
R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1560236
Conc: 19.74 ug/ml

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20 PPM AROMATIC HC STD



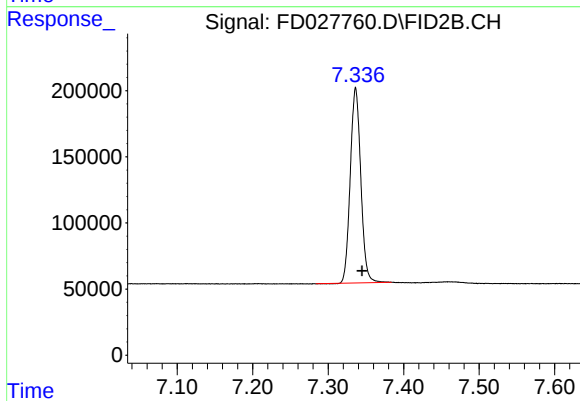
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 1635201
Conc: 19.21 ug/ml



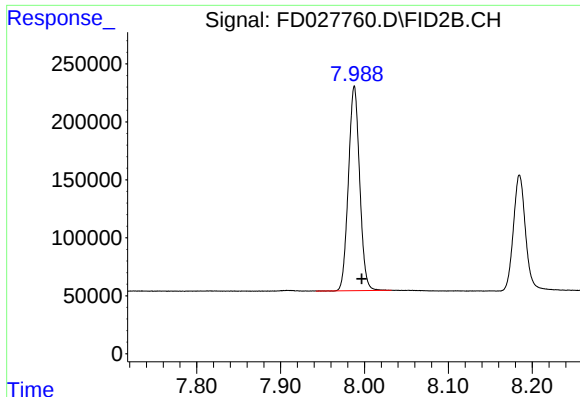
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.009 min
Response: 1631591
Conc: 19.34 ug/ml



#4 2-Bromonaphthalene (SURR)

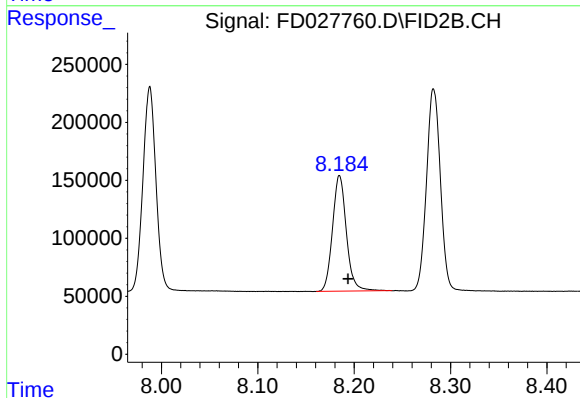
R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 1427806
Conc: 19.23 ug/ml



#5 Acenaphthylene (C15.06)

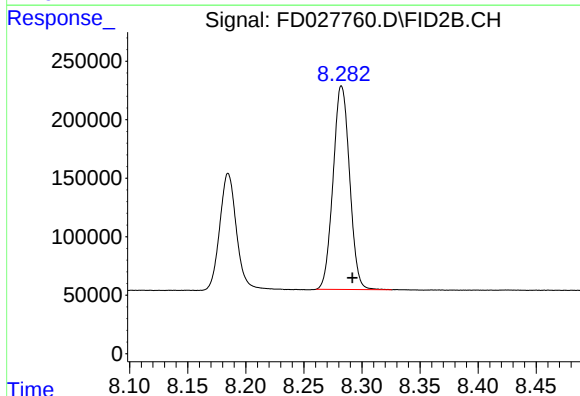
R.T.: 7.988 min
Delta R.T.: -0.009 min
Response: 1640543
Conc: 19.59 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



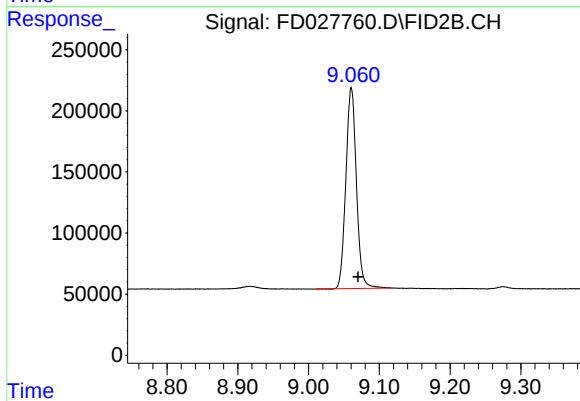
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.185 min
Delta R.T.: -0.009 min
Response: 1000775
Conc: 19.67 ug/ml



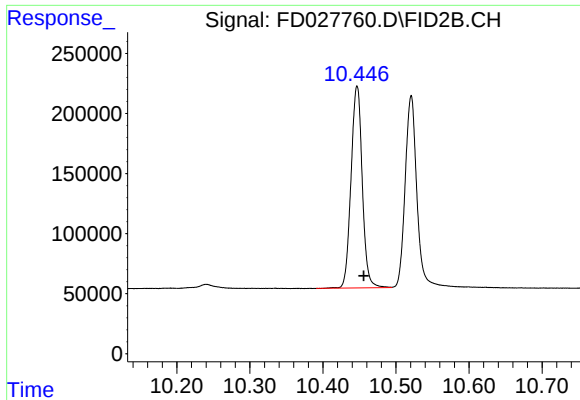
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.009 min
Response: 1720697
Conc: 19.58 ug/ml



#8 Fluorene (C16.55)

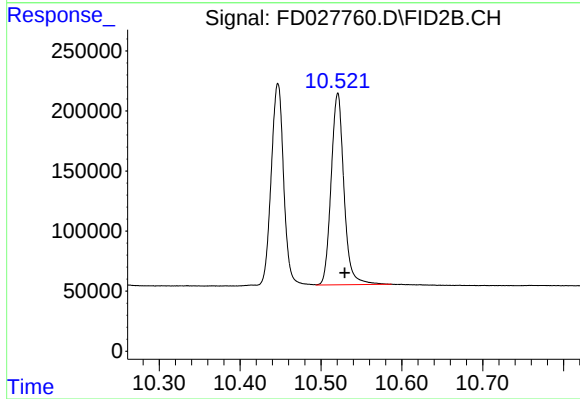
R.T.: 9.060 min
Delta R.T.: -0.009 min
Response: 1706981
Conc: 19.57 ug/ml



#9 Phenanthrene (C19.36)

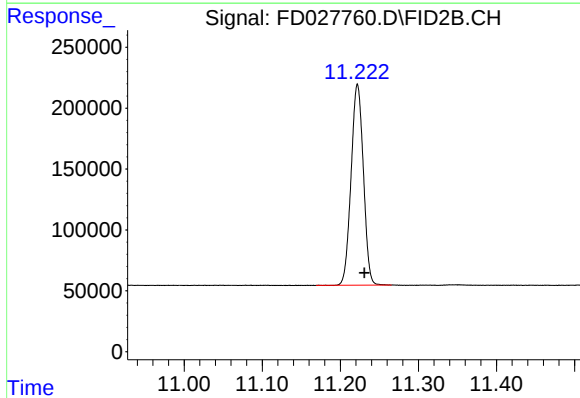
R.T.: 10.447 min
Delta R.T.: -0.009 min
Response: 1797100
Conc: 20.46 ug/ml

Instrument :
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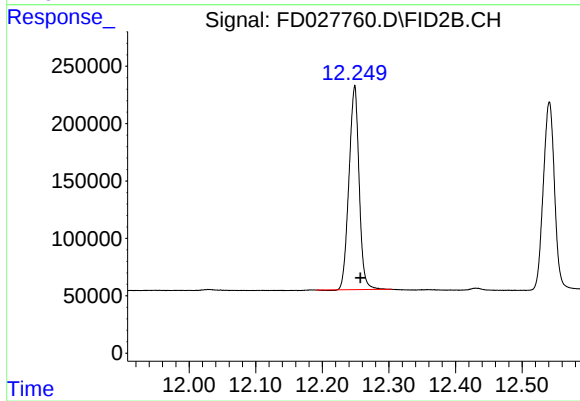
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.009 min
Response: 1759557
Conc: 20.36 ug/ml



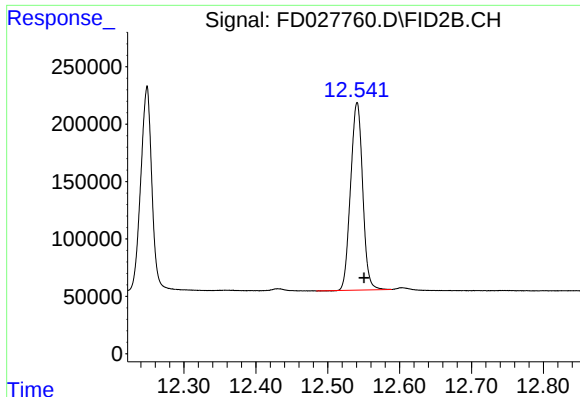
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 1799546
Conc: 20.30 ug/ml



#12 Fluoranthene (C21.85)

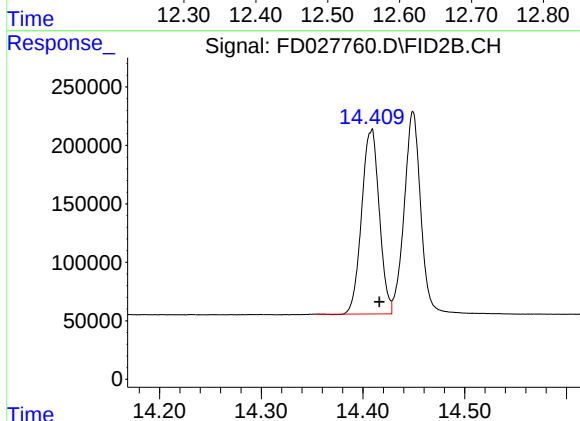
R.T.: 12.249 min
Delta R.T.: -0.008 min
Response: 1885862
Conc: 21.06 ug/ml



#13 Pyrene (C20.8)

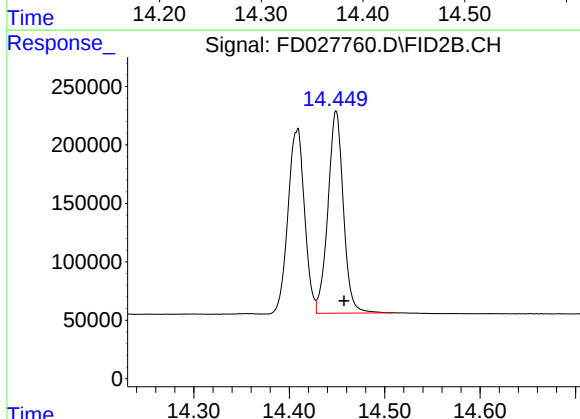
R.T.: 12.541 min
Delta R.T.: -0.009 min
Response: 1904381
Conc: 21.46 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



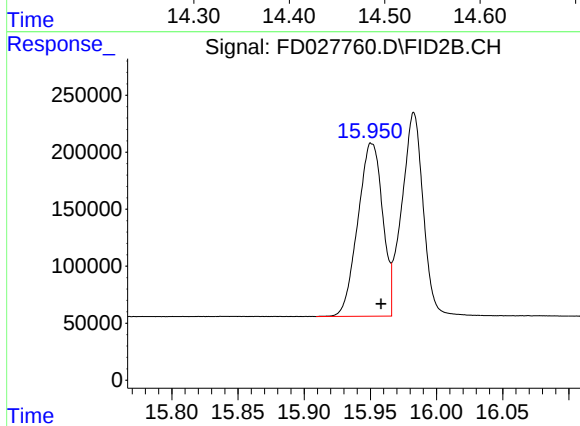
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.408 min
Delta R.T.: -0.008 min
Response: 1896991
Conc: 21.22 ug/ml



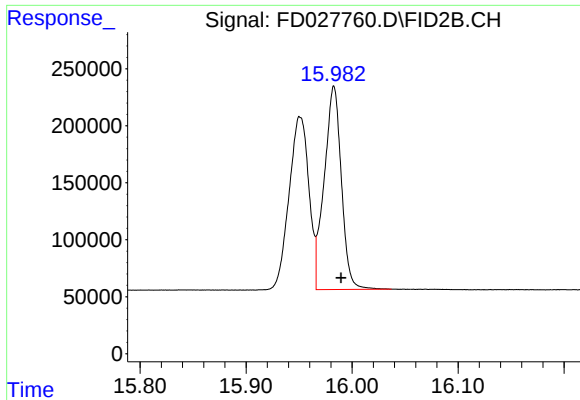
#15 Chrysene (C27.41)

R.T.: 14.449 min
Delta R.T.: -0.008 min
Response: 1943035
Conc: 21.40 ug/ml



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

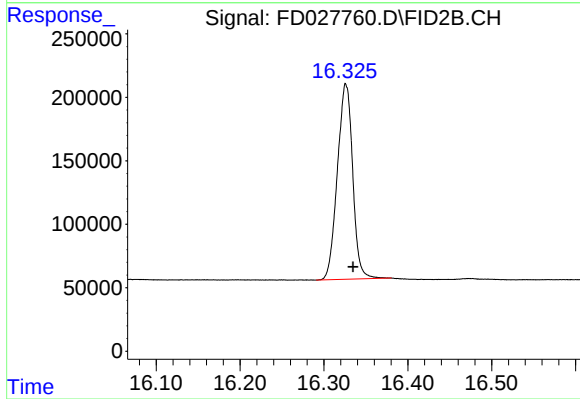
R.T.: 15.951 min
Delta R.T.: -0.007 min
Response: 1976681
Conc: 20.24 ug/ml



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

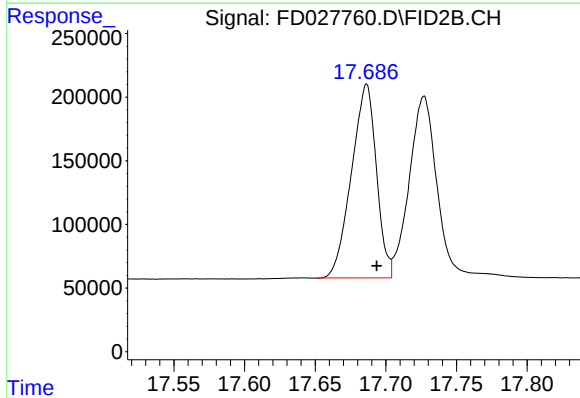
R.T.: 15.983 min
Delta R.T.: -0.007 min
Response: 2012245
Conc: 20.35 ug/ml

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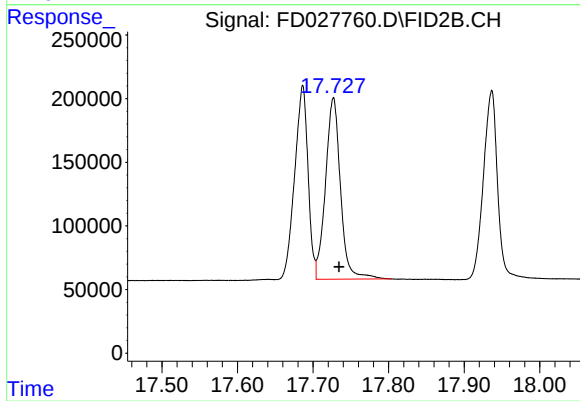
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.326 min
Delta R.T.: -0.008 min
Response: 1956648
Conc: 20.01 ug/ml



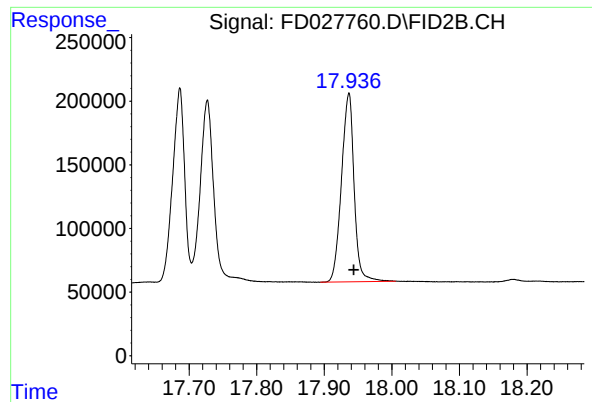
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.686 min
Delta R.T.: -0.007 min
Response: 1868517
Conc: 18.84 ug/ml



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

R.T.: 17.727 min
Delta R.T.: -0.008 min
Response: 1968100
Conc: 20.01 ug/ml



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

R.T.: 17.936 min
Delta R.T.: -0.007 min
Response: 1925612
Conc: 18.99 ug/ml

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