

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050319AR\
 Data File : FD029116.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2019 00:49
 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: May 04 01:24:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.084	1770268	17.748 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
6) S 2-Fluorobiphenyl (SURR)	7.950	1179649	17.214 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.43%
11) S ortho-Terphenyl (SURR)	10.988	1939060	18.199 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.909	1959054	20.722 ug/ml
2) T Naphthalene (C11.7)	5.430	2031167	19.007 ug/ml
3) T 2-Methylnaphthalene (...)	6.477	1977647	18.069 ug/ml
5) T Acenaphthylene (C15.06)	7.754	1852090	17.300 ug/ml
7) T Acenaphthene (C15.5)	8.049	1941361	17.272 ug/ml
8) T Flouorene (C16.55)	8.829	1929791	17.244 ug/ml
9) T Phenanthrene (C19.36)	10.227	1984404	18.485 ug/ml
10) T Anthracene (C19.43)	10.301	1974955	18.566 ug/ml
12) T Fluoranthene (C21.85)	12.038	2122687	21.125 ug/ml
13) T Pyrene (C20.8)	12.336	2145261	21.136 ug/ml
14) T Benzo[a]anthracene (C...	14.203	2103097	20.736 ug/ml
15) T Chrysene (C27.41)	14.245	2115943	20.756 ug/ml
16) T benzo[b]fluoranthene ...	15.750	2184521	20.361 ug/ml
17) T Bnezo[k]fluoranthene ...	15.782	2145903	20.210 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.129	2119944	19.847 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.490	2080831	19.266 ug/ml
20) T Dibenz[a,h]anthracene...	17.528	1976997	18.648 ug/ml
21) T Benzo[g,h,i]perylene ...	17.746	2122695	19.828 ug/ml

(f)=RT Delta > 1/2 Window

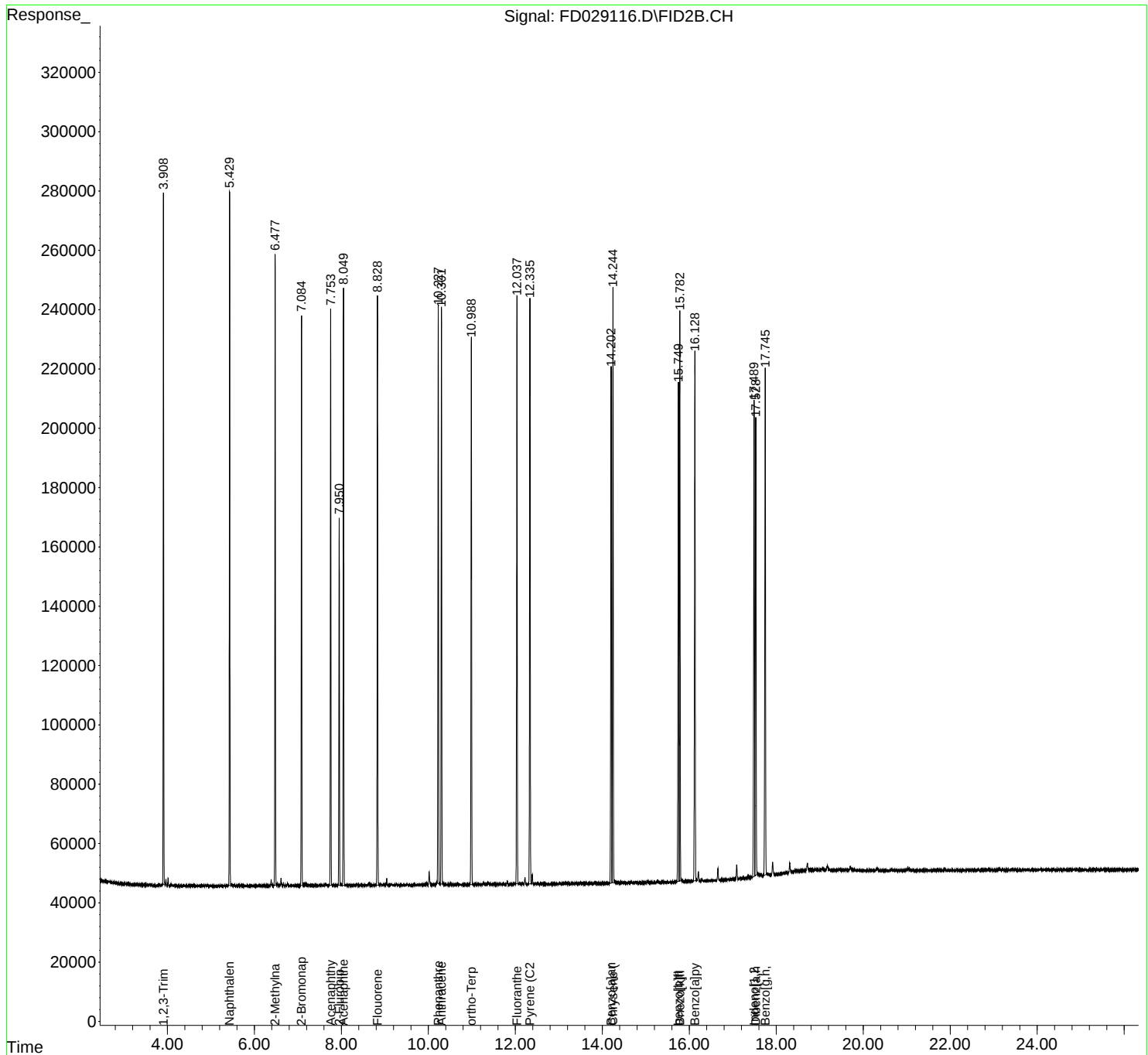
(m)=manual int.

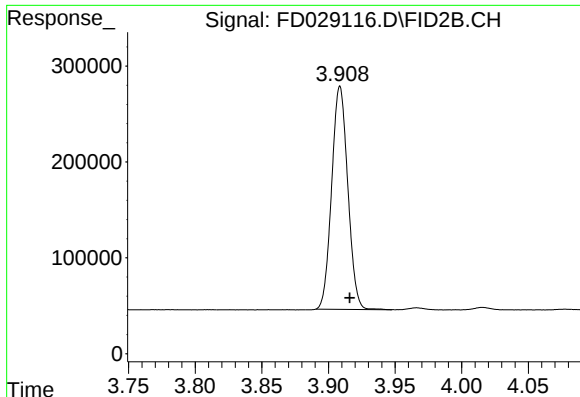
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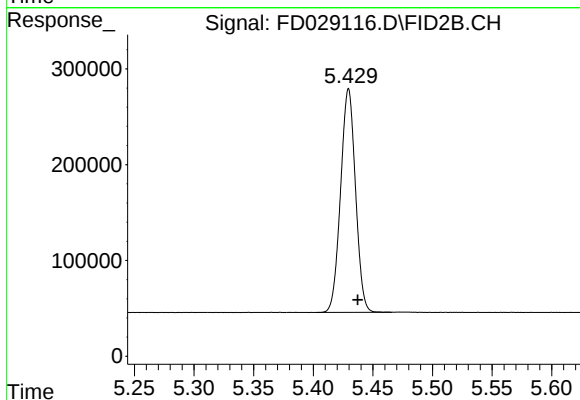




#1 1,2,3-Trimethylbenzene (C10.1)

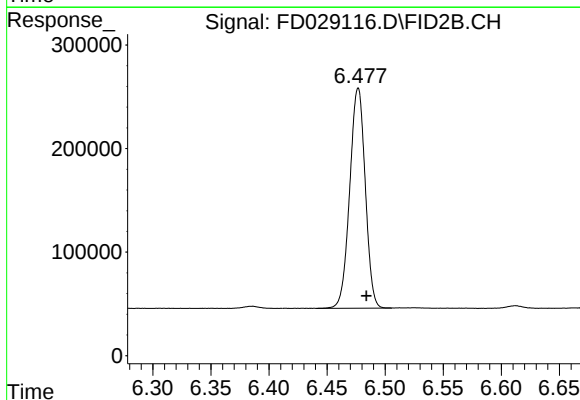
R.T.: 3.909 min
Delta R.T.: -0.007 min
Response: 1959054
Conc: 20.72 ug/ml

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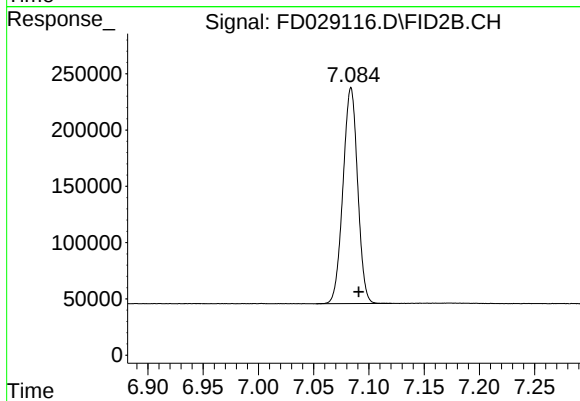
#2 Naphthalene (C11.7)

R.T.: 5.430 min
Delta R.T.: -0.008 min
Response: 2031167
Conc: 19.01 ug/ml



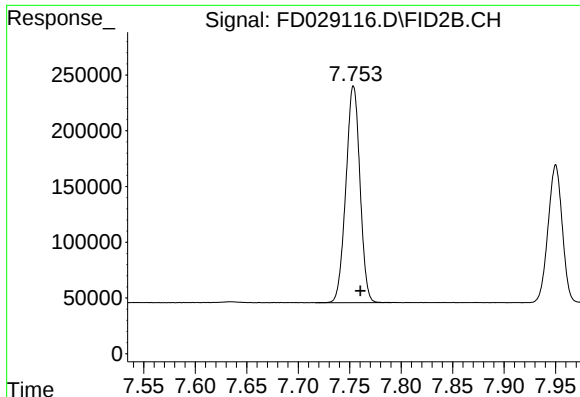
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 1977647
Conc: 18.07 ug/ml



#4 2-Bromonaphthalene (SURR)

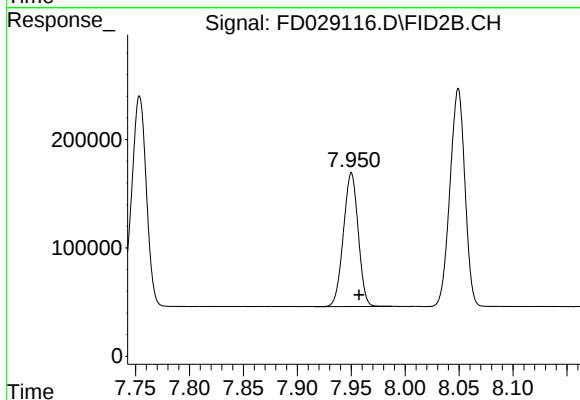
R.T.: 7.084 min
Delta R.T.: -0.007 min
Response: 1770268
Conc: 17.75 ug/ml



#5 Acenaphthylene (C15.06)

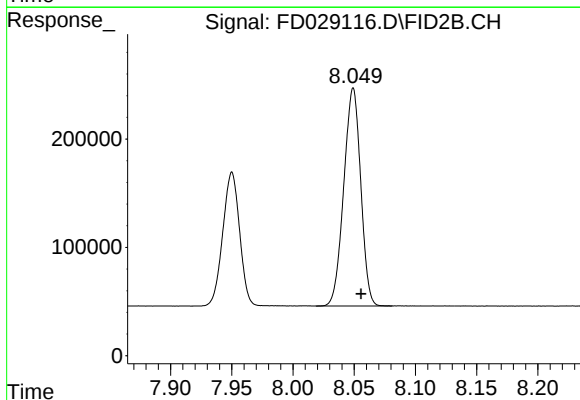
R.T.: 7.754 min
Delta R.T.: -0.007 min
Response: 1852090
Conc: 17.30 ug/ml

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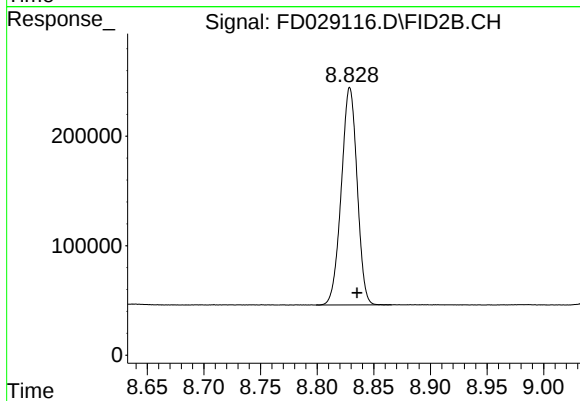
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.950 min
Delta R.T.: -0.007 min
Response: 1179649
Conc: 17.21 ug/ml



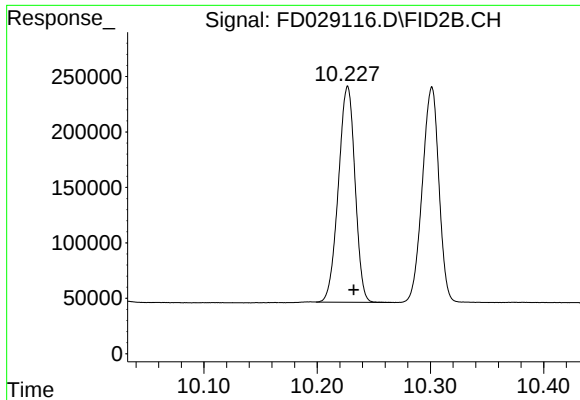
#7 Acenaphthene (C15.5)

R.T.: 8.049 min
Delta R.T.: -0.006 min
Response: 1941361
Conc: 17.27 ug/ml



#8 Fluorene (C16.55)

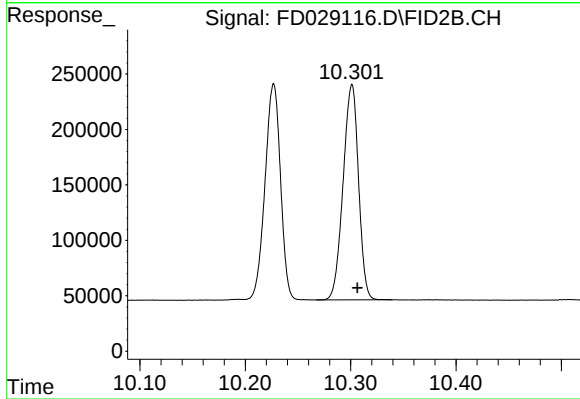
R.T.: 8.829 min
Delta R.T.: -0.006 min
Response: 1929791
Conc: 17.24 ug/ml



#9 Phenanthrene (C19.36)

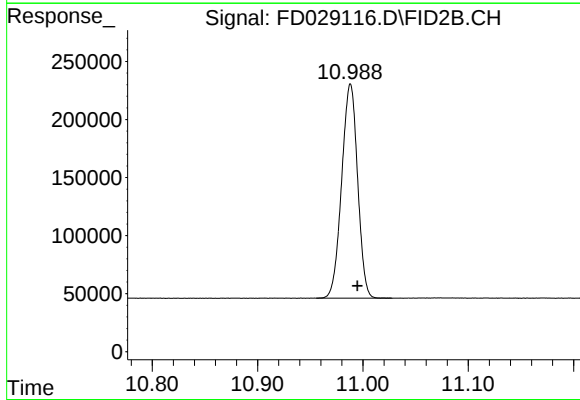
R.T.: 10.227 min
Delta R.T.: -0.005 min
Response: 1984404
Conc: 18.48 ug/ml

Instrument :
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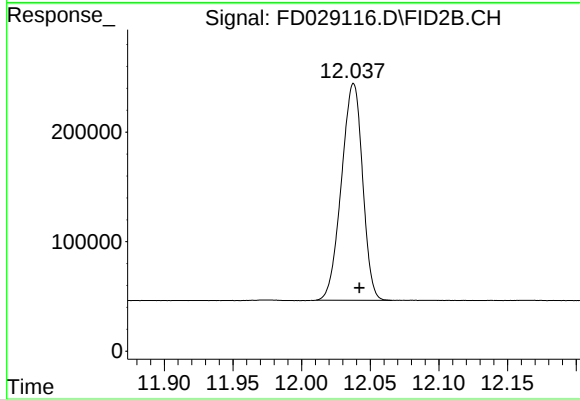
#10 Anthracene (C19.43)

R.T.: 10.301 min
Delta R.T.: -0.005 min
Response: 1974955
Conc: 18.57 ug/ml



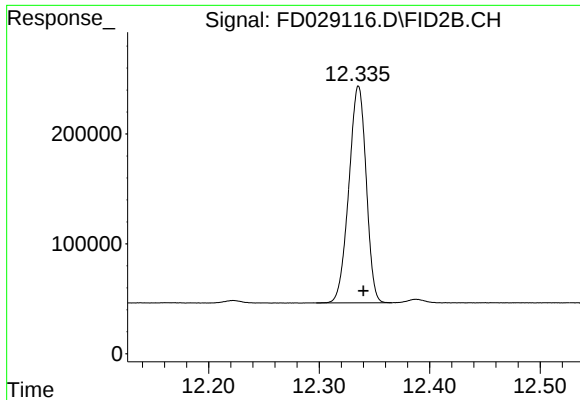
#11 ortho-Terphenyl (SURR)

R.T.: 10.988 min
Delta R.T.: -0.007 min
Response: 1939060
Conc: 18.20 ug/ml



#12 Fluoranthene (C21.85)

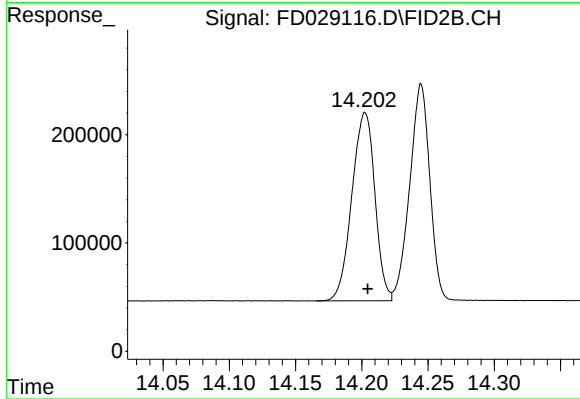
R.T.: 12.038 min
Delta R.T.: -0.004 min
Response: 2122687
Conc: 21.13 ug/ml



#13 Pyrene (C20.8)

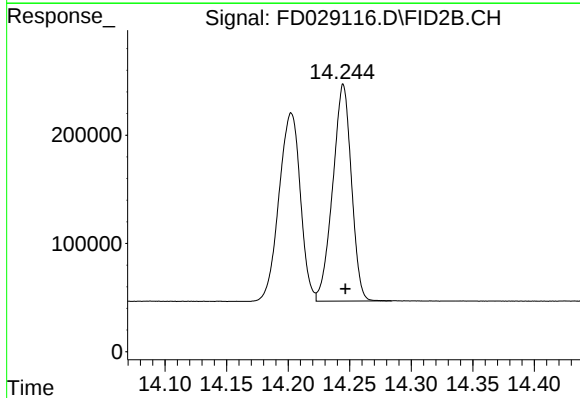
R.T.: 12.336 min
Delta R.T.: -0.004 min
Response: 2145261
Conc: 21.14 ug/ml

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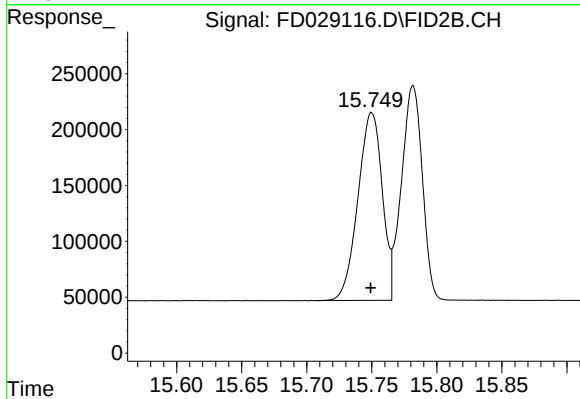
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.203 min
Delta R.T.: -0.002 min
Response: 2103097
Conc: 20.74 ug/ml



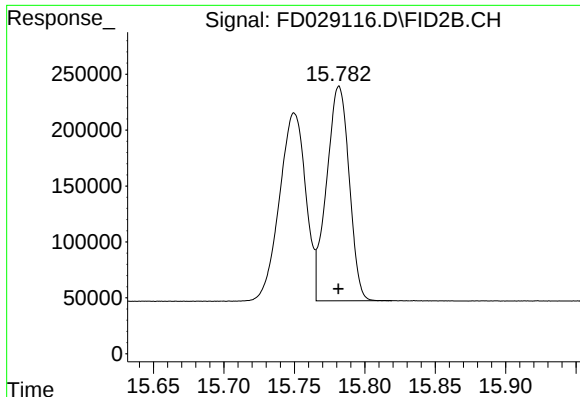
#15 Chrysene (C27.41)

R.T.: 14.245 min
Delta R.T.: -0.002 min
Response: 2115943
Conc: 20.76 ug/ml



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

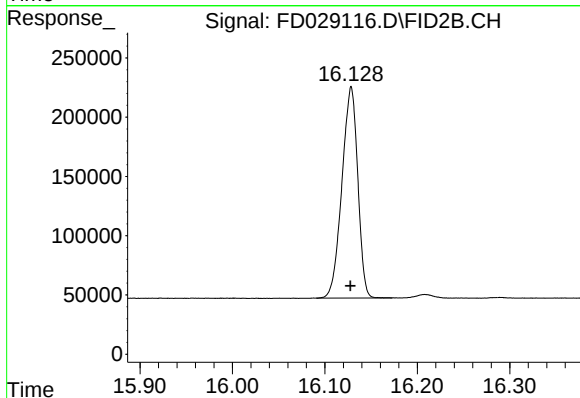
R.T.: 15.750 min
Delta R.T.: 0.000 min
Response: 2184521
Conc: 20.36 ug/ml



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

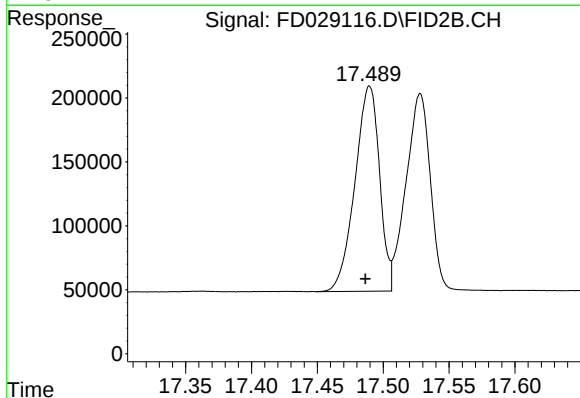
R.T.: 15.782 min
Delta R.T.: 0.000 min
Response: 2145903
Conc: 20.21 ug/ml

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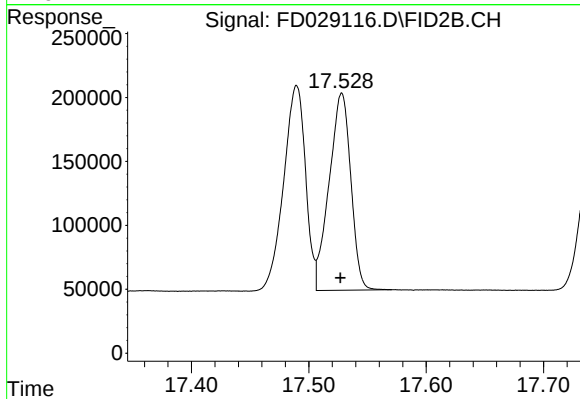
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 2119944
Conc: 19.85 ug/ml



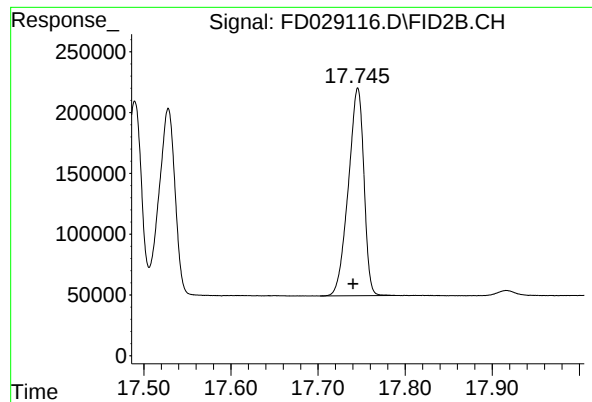
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.490 min
Delta R.T.: 0.003 min
Response: 2080831
Conc: 19.27 ug/ml



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

R.T.: 17.528 min
Delta R.T.: 0.001 min
Response: 1976997
Conc: 18.65 ug/ml



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

R.T.: 17.746 min
Delta R.T.: 0.005 min
Response: 2122695
Conc: 19.83 ug/ml

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