

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102720AR\
 Data File : FD035166.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2020 17:31
 Operator : DD\AJ
 Sample : L4521-05
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 01:31:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 2020
 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...	7.647	5500368	47.718 ug/ml
Spiked Amount 50.000		Recovery =	95.44%
6) S 2-Fluorobiphenyl (SURR)	8.511	3796383	47.755 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.51%
11) S ortho-Terphenyl (SURR)	11.550	4231308	32.100 ug/ml
Spiked Amount 50.000		Recovery =	64.20%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.314	164499	1.237 ug/ml
7) T Acenaphthene (C15.5)	8.608	159165	1.177 ug/ml
8) T Fluorene (C16.55)	9.390	206479	1.592 ug/ml
9) T Phenanthrene (C19.36)	10.785	2471925	19.504 ug/ml
10) T Anthracene (C19.43)	10.864	230232	1.801 ug/ml
12) T Fluoranthene (C21.85)	12.600	5017973	40.281 ug/ml
13) T Pyrene (C20.8)	12.897	4169182	34.113 ug/ml
14) T Benzo[a]anthracene (C...	14.765	1782745	16.818 ug/ml
15) T Chrysene (C27.41)	14.806	2308163	19.725 ug/ml
16) T benzo[b]fluoranthene ...	16.319	2448146	23.853 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	837566	7.987 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.694	1530882	16.164 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.058	1151087	12.979 ug/ml
20) T Dibenz[a,h]anthracene...	18.099	275876	2.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.310	1005654	10.524 ug/ml

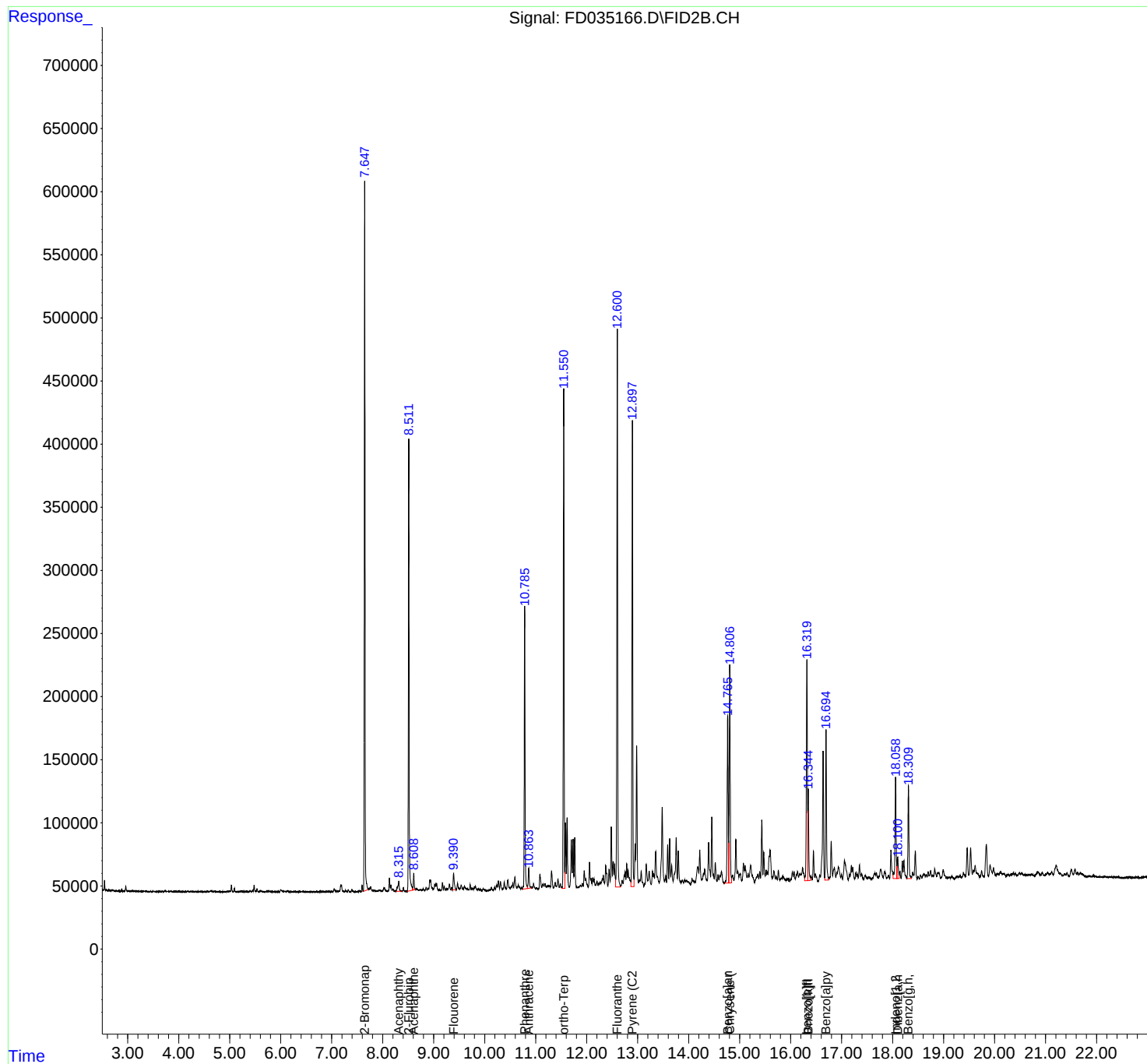
(f)=RT Delta > 1/2 Window

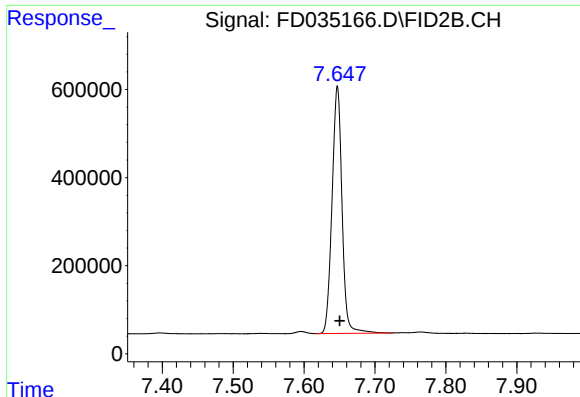
(m)=manual int.

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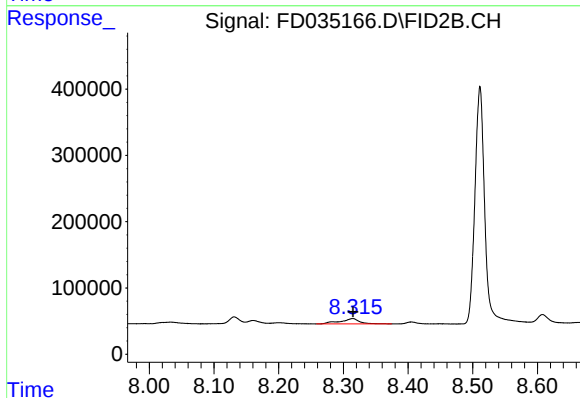
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





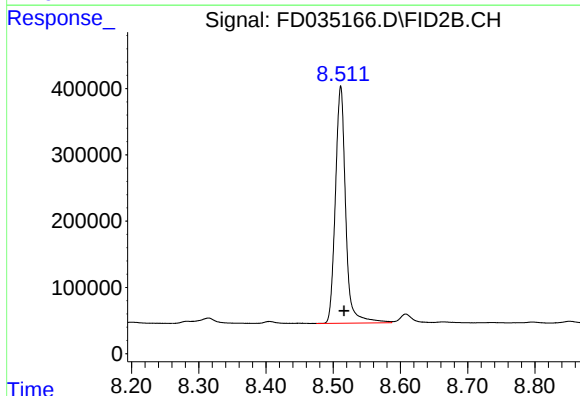
#4 2-Bromonaphthalene (SURR)

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 5500368
Conc: 47.72 ug/ml



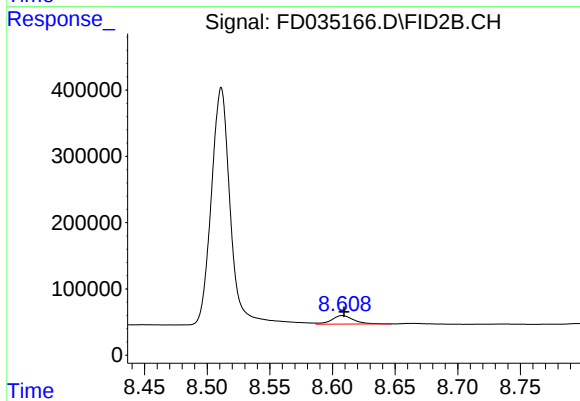
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 164499
Conc: 1.24 ug/ml



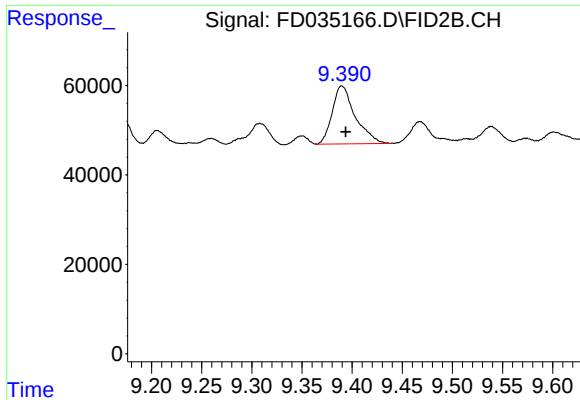
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.511 min
Delta R.T.: -0.005 min
Response: 3796383
Conc: 47.76 ug/ml



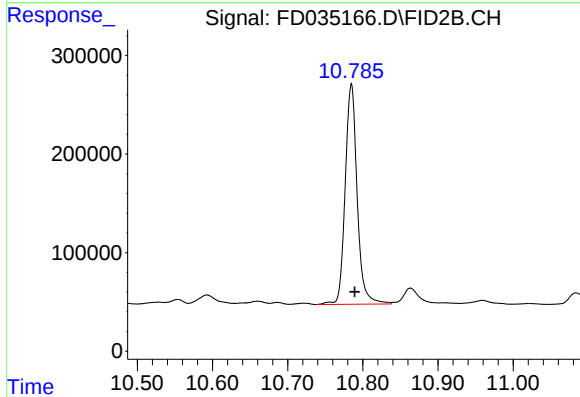
#7 Acenaphthene (C15.5)

R.T.: 8.608 min
Delta R.T.: -0.001 min
Response: 159165
Conc: 1.18 ug/ml



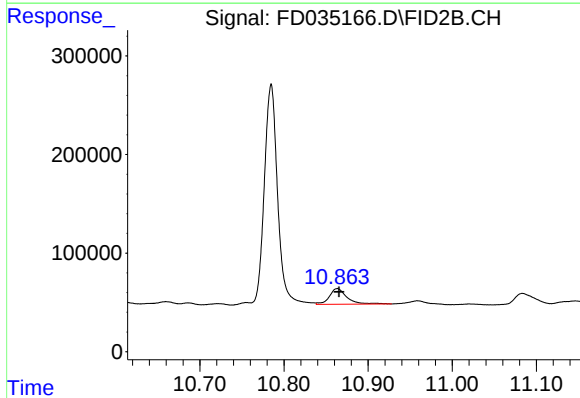
#8 Flouorene (C16.55)

R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 206479
Conc: 1.59 ug/ml



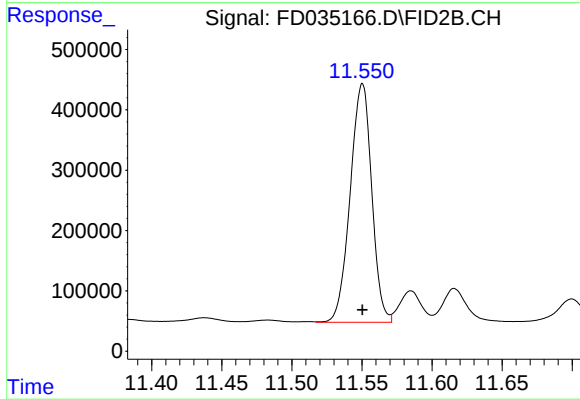
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.005 min
Response: 2471925
Conc: 19.50 ug/ml



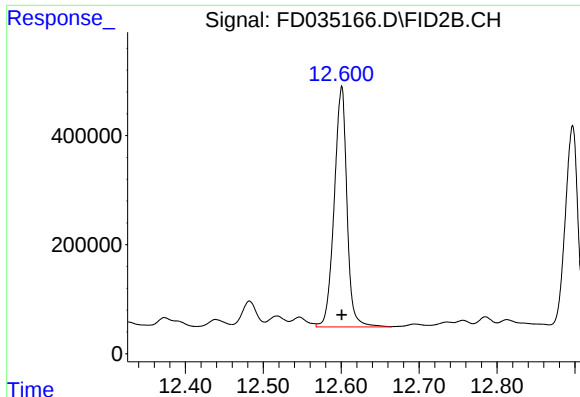
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 230232
Conc: 1.80 ug/ml



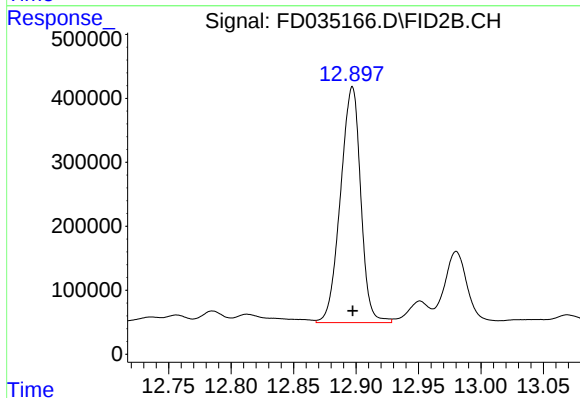
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 4231308
Conc: 32.10 ug/ml



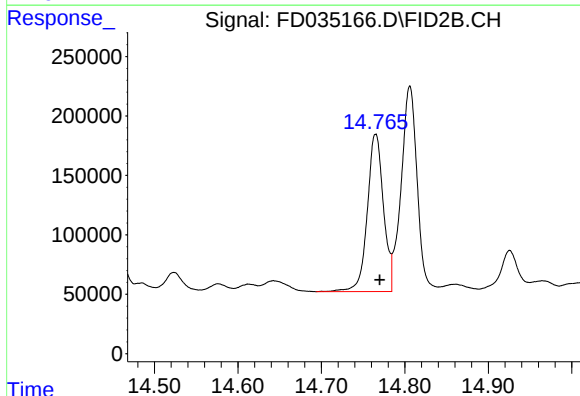
#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: 0.000 min
Response: 5017973
Conc: 40.28 ug/ml



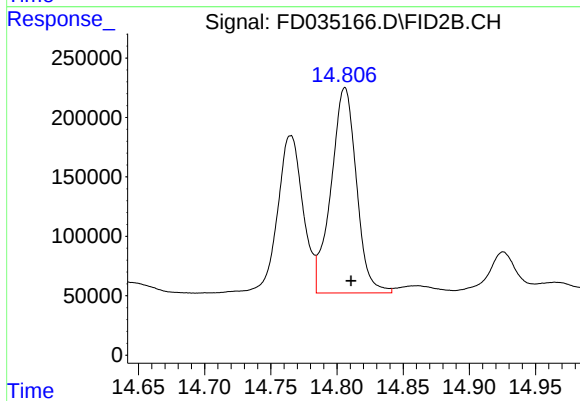
#13 Pyrene (C20.8)

R.T.: 12.897 min
Delta R.T.: 0.000 min
Response: 4169182
Conc: 34.11 ug/ml



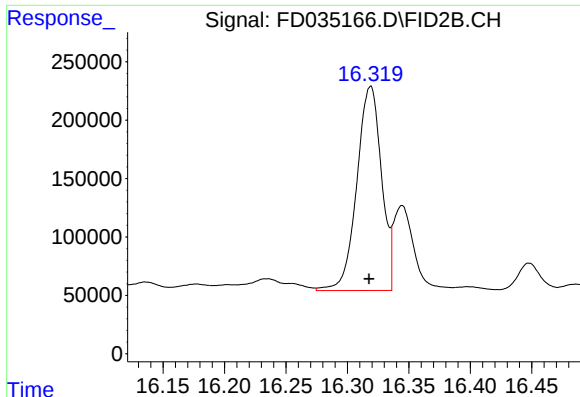
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: -0.005 min
Response: 1782745
Conc: 16.82 ug/ml



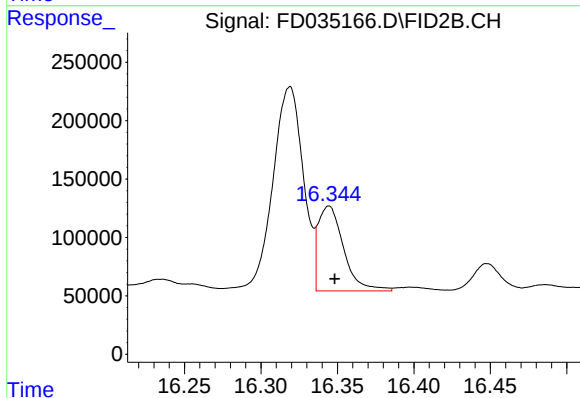
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: -0.005 min
Response: 2308163
Conc: 19.72 ug/ml



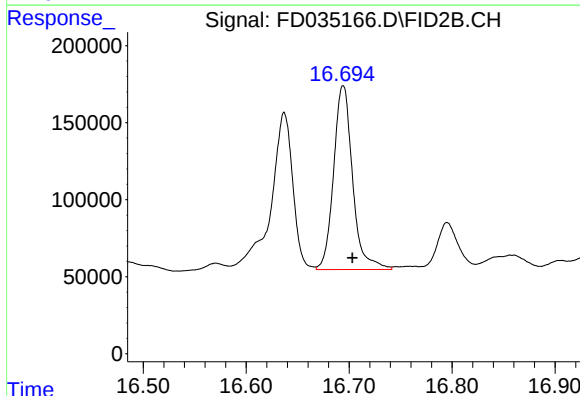
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.319 min
Delta R.T.: 0.000 min
Response: 2448146
Conc: 23.85 ug/ml



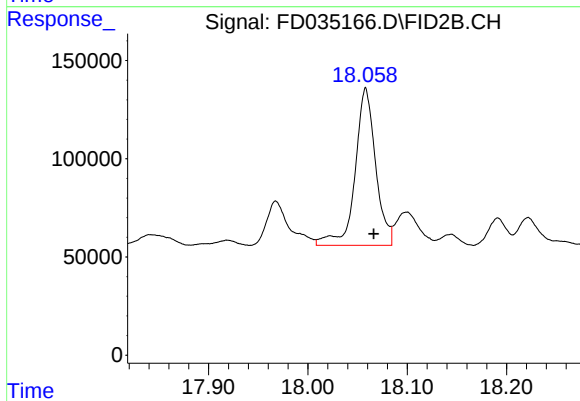
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.344 min
Delta R.T.: -0.004 min
Response: 837566
Conc: 7.99 ug/ml



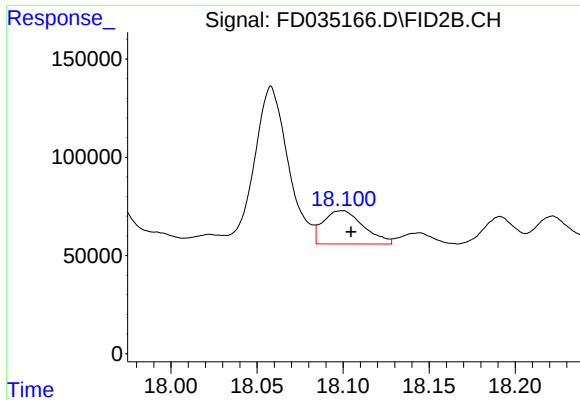
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.694 min
Delta R.T.: -0.009 min
Response: 1530882
Conc: 16.16 ug/ml



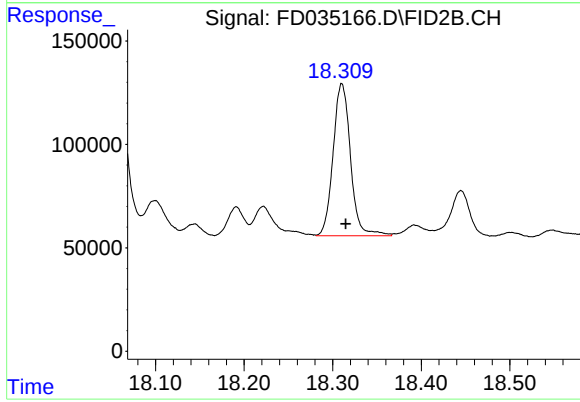
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.058 min
Delta R.T.: -0.008 min
Response: 1151087
Conc: 12.98 ug/ml



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

R.T.: 18.099 min
Delta R.T.: -0.006 min
Response: 275876
Conc: 2.72 ug/ml



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

R.T.: 18.310 min
Delta R.T.: -0.004 min
Response: 1005654
Conc: 10.52 ug/ml