

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030821AR\
 Data File : FD036327.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2021 10:31
 Operator : DD\AJ
 Sample : PB134996BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB134996BS

Integration File: autoint1.e
 Quant Time: Mar 09 02:24:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.604	5626880	47.738 ug/ml
Spiked Amount 50.000		Recovery =	95.48%
6) S 2-Fluorobiphenyl (SURR)	8.465	3709061	44.568 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.14%
11) S ortho-Terphenyl (SURR)	11.509	8462725	60.068 ug/ml
Spiked Amount 50.000		Recovery =	120.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	1934158	15.427 ug/ml
2) T Naphthalene (C11.7)	5.940	2137258	15.772 ug/ml
3) T 2-Methylnaphthalene (...)	6.991	2339186	17.130 ug/ml
5) T Acenaphthylene (C15.06)	8.267	3128585	23.254 ug/ml
7) T Acenaphthene (C15.5)	8.563	3823706	27.625 ug/ml
8) T Fluorene (C16.55)	9.346	5475135	40.120 ug/ml
9) T Phenanthrene (C19.36)	10.742	7264680	52.728 ug/ml
10) T Anthracene (C19.43)	10.818	7358627	54.810 ug/ml
12) T Fluoranthene (C21.85)	12.554	7954037	57.275 ug/ml
13) T Pyrene (C20.8)	12.852	7881684	57.489 ug/ml
14) T Benzo[a]anthracene (C...	14.719	7479884	59.137 ug/ml
15) T Chrysene (C27.41)	14.766	8184637	63.202 ug/ml
16) T benzo[b]fluoranthene ...	16.269	7349126	60.386 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	6988143	59.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	7082949	64.228 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	6565817	59.343 ug/ml
20) T Dibenz[a,h]anthracene...	18.051	6629348	59.906 ug/ml
21) T Benzo[g,h,i]perylene ...	18.269	6653585	60.174 ug/ml

(f)=RT Delta > 1/2 Window

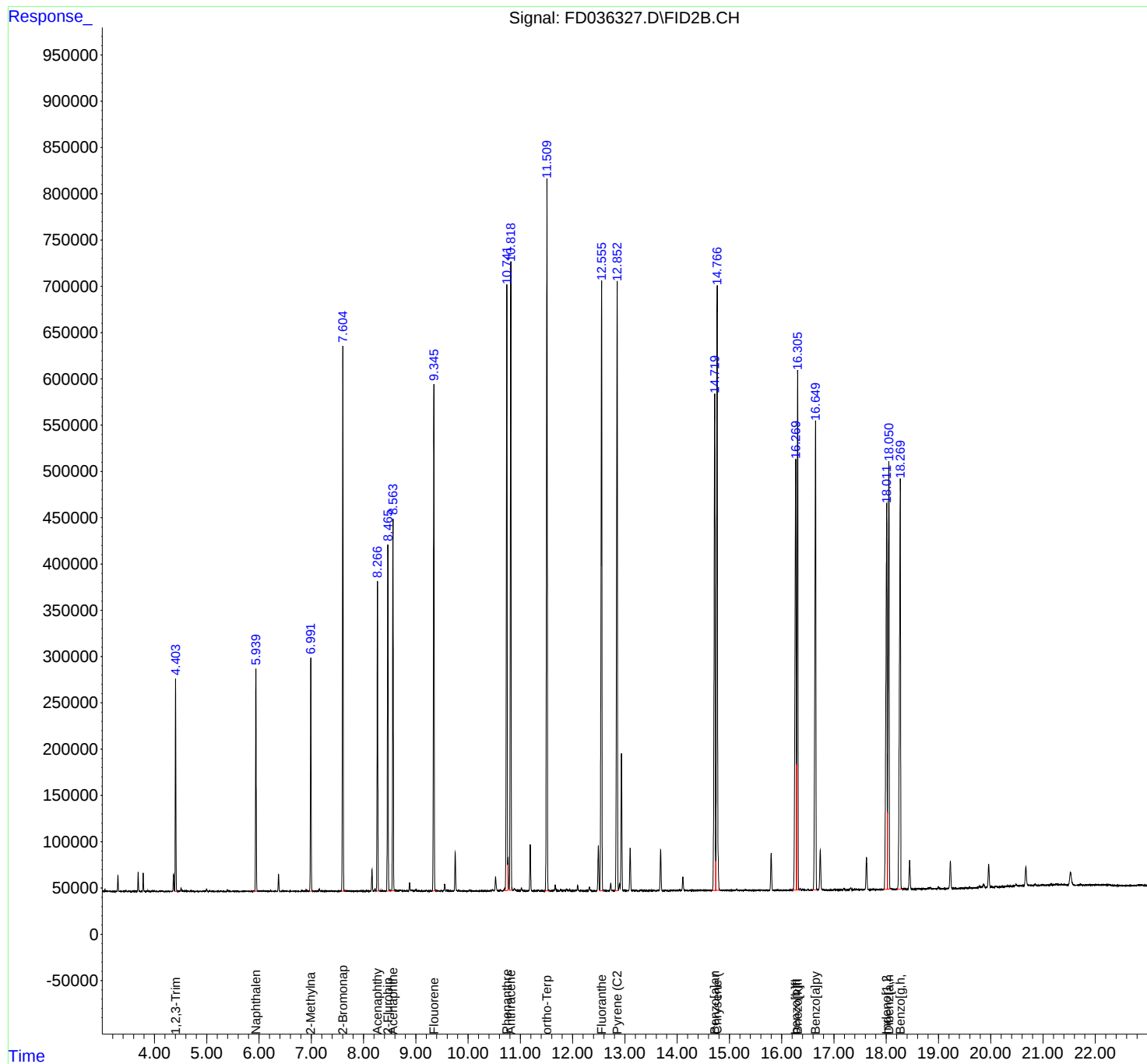
(m)=manual int.

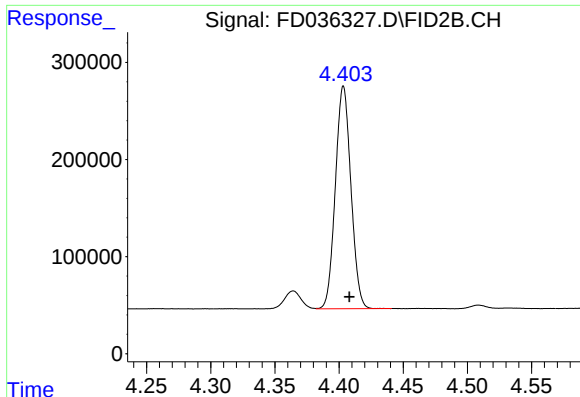
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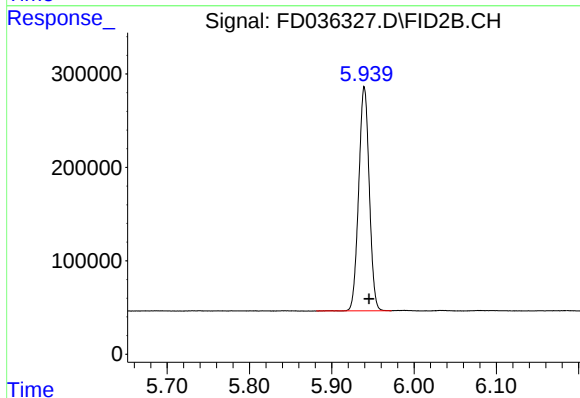




#1 1,2,3-Trimethylbenzene (C10.1)

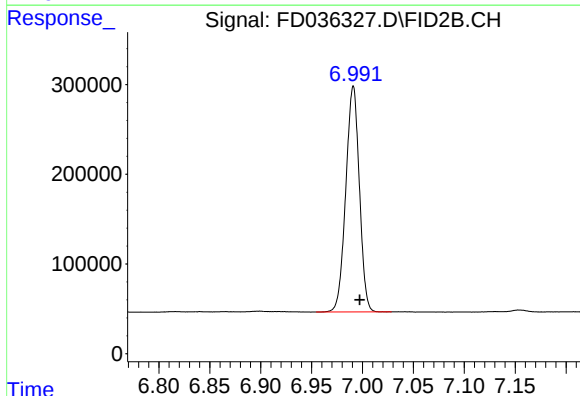
R.T.: 4.404 min
Delta R.T.: -0.005 min
Response: 1934158
Conc: 15.43 ug/ml

Instrument :
FID_D
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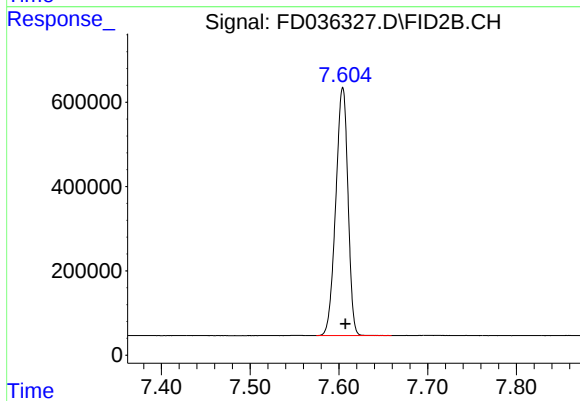
#2 Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.006 min
Response: 2137258
Conc: 15.77 ug/ml



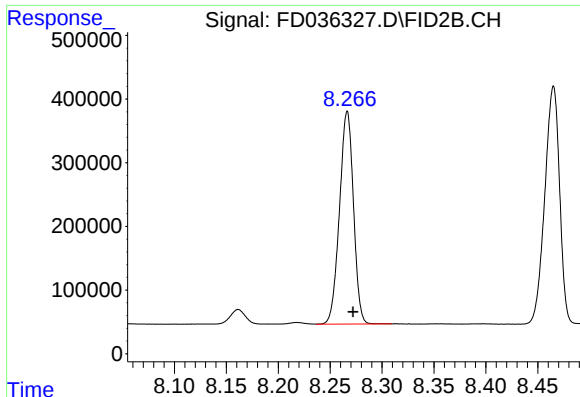
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.006 min
Response: 2339186
Conc: 17.13 ug/ml



#4 2-Bromonaphthalene (SURR)

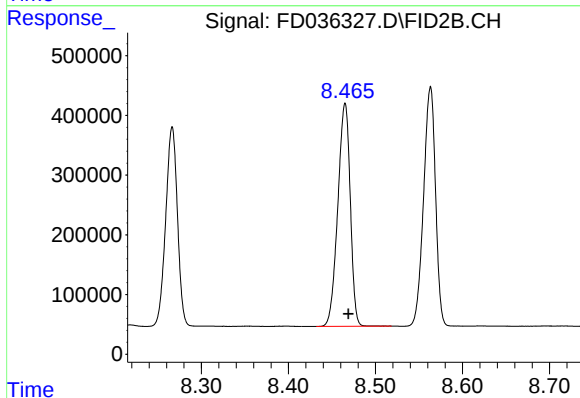
R.T.: 7.604 min
Delta R.T.: -0.003 min
Response: 5626880
Conc: 47.74 ug/ml



#5 Acenaphthylene (C15.06)

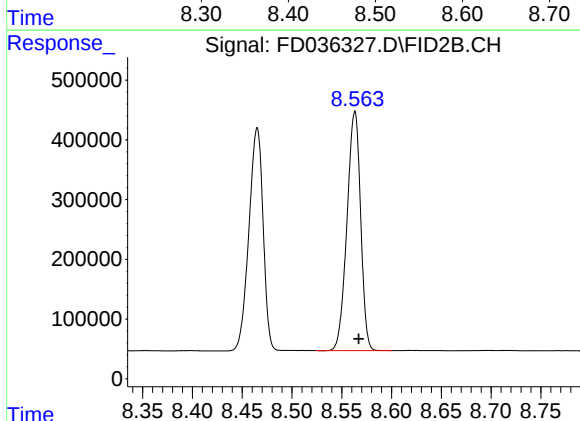
R.T.: 8.267 min
Delta R.T.: -0.006 min
Response: 3128585
Conc: 23.25 ug/ml

Instrument :
FID_D
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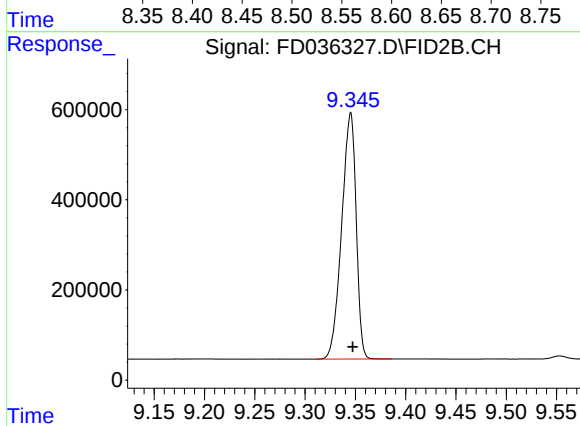
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.465 min
Delta R.T.: -0.004 min
Response: 3709061
Conc: 44.57 ug/ml



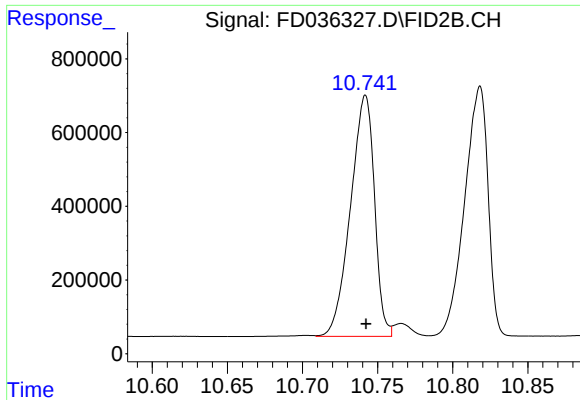
#7 Acenaphthene (C15.5)

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 3823706
Conc: 27.63 ug/ml



#8 Flouorene (C16.55)

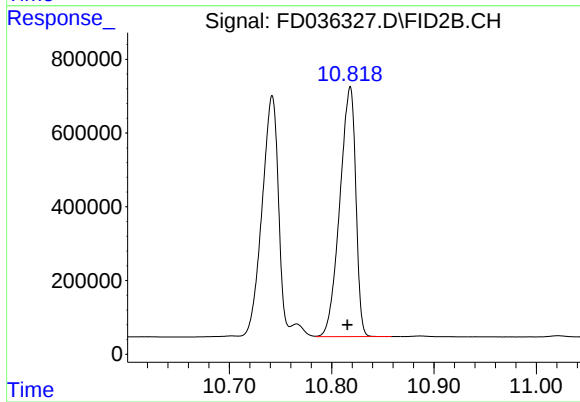
R.T.: 9.346 min
Delta R.T.: -0.002 min
Response: 5475135
Conc: 40.12 ug/ml



#9 Phenanthrene (C19.36)

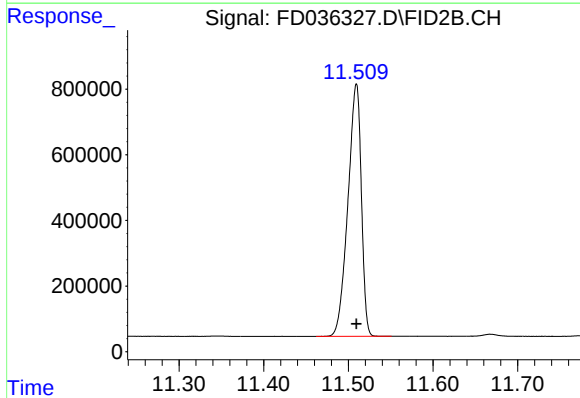
R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 7264680
Conc: 52.73 ug/ml

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FID_D
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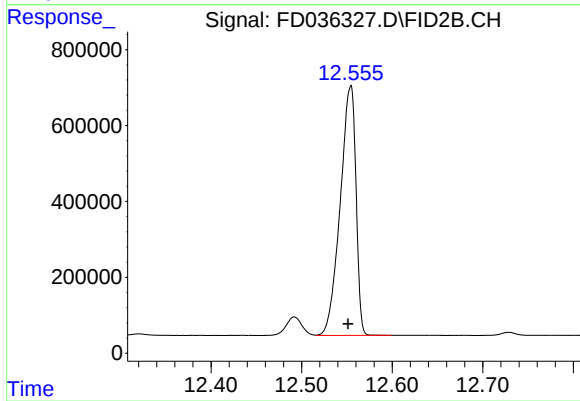
#10 Anthracene (C19.43)

R.T.: 10.818 min
Delta R.T.: 0.003 min
Response: 7358627
Conc: 54.81 ug/ml



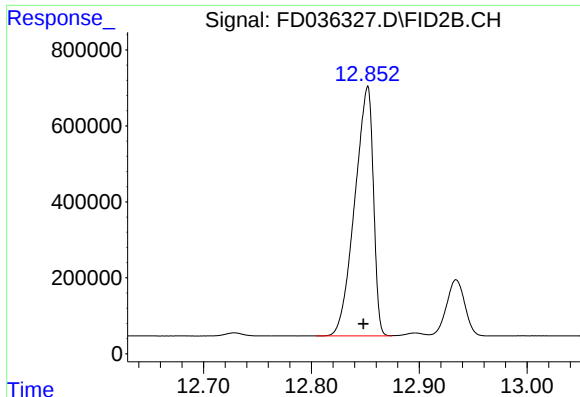
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 8462725
Conc: 60.07 ug/ml



#12 Fluoranthene (C21.85)

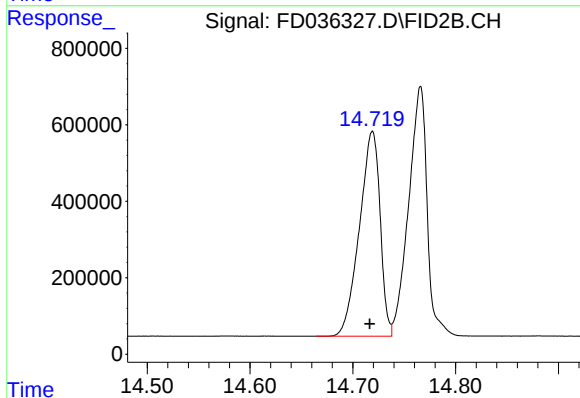
R.T.: 12.554 min
Delta R.T.: 0.003 min
Response: 7954037
Conc: 57.28 ug/ml



#13 Pyrene (C20.8)

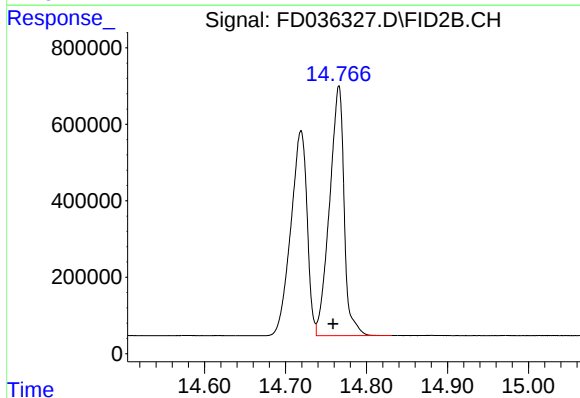
R.T.: 12.852 min
Delta R.T.: 0.004 min
Response: 7881684
Conc: 57.49 ug/ml

Instrument :
FID_D
ClientSampleId :
PB134996BS



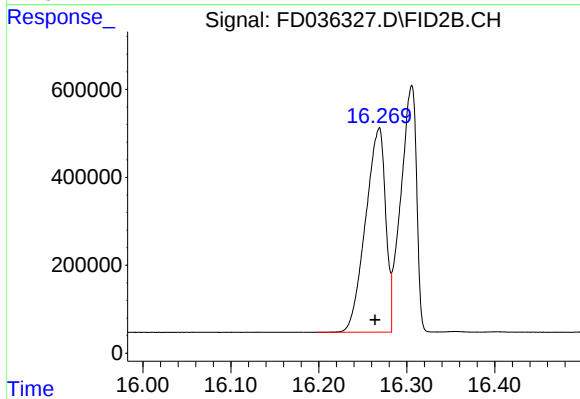
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.719 min
Delta R.T.: 0.002 min
Response: 7479884
Conc: 59.14 ug/ml



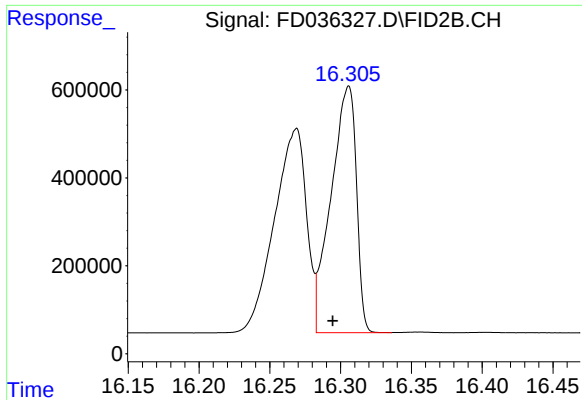
#15 Chrysene (C27.41)

R.T.: 14.766 min
Delta R.T.: 0.007 min
Response: 8184637
Conc: 63.20 ug/ml



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

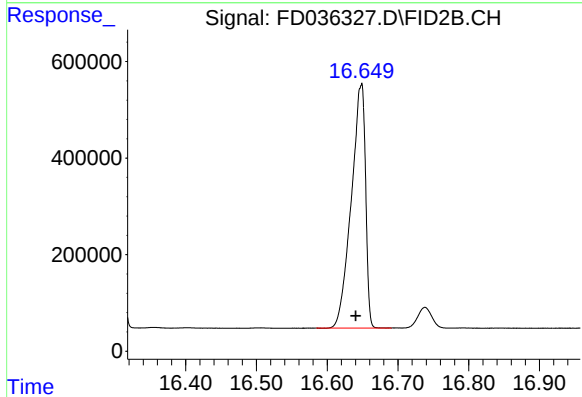
R.T.: 16.269 min
Delta R.T.: 0.005 min
Response: 7349126
Conc: 60.39 ug/ml



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

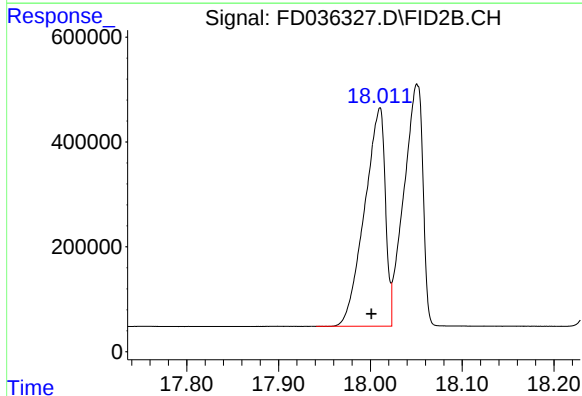
R.T.: 16.306 min
Delta R.T.: 0.011 min
Response: 6988143
Conc: 59.34 ug/ml

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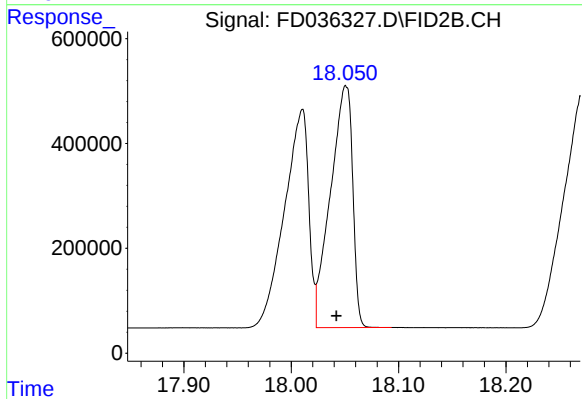
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: 0.008 min
Response: 7082949
Conc: 64.23 ug/ml



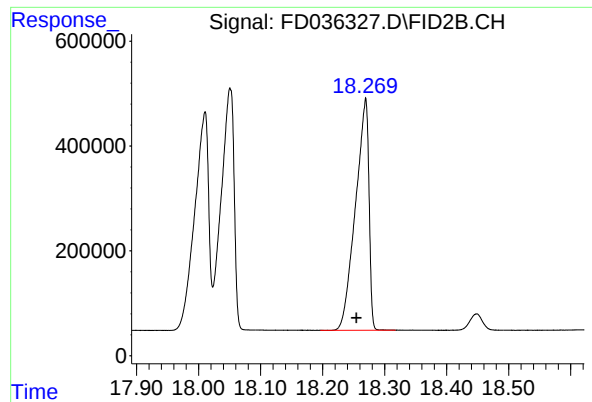
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: 0.009 min
Response: 6565817
Conc: 59.34 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.009 min
Response: 6629348
Conc: 59.91 ug/ml



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

R.T.: 18.269 min
Delta R.T.: 0.015 min
Response: 6653585
Conc: 60.17 ug/ml

Instrument :
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ClientSampleId :
PB134996BS