

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030920AR\
 Data File : FD032527.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2020 17:16
 Operator : DD\AJ
 Sample : PB127356BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB127356BS

Integration File: autoint1.e
 Quant Time: Mar 10 09:04:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.621	5672547	43.889 ug/ml
Spiked Amount 50.000		Recovery =	87.78%
6) S 2-Fluorobiphenyl (SURR)	8.482	2891256	32.751 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.50%
11) S ortho-Terphenyl (SURR)	11.520	5672531	40.911 ug/ml
Spiked Amount 50.000		Recovery =	81.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3422886	25.732 ug/ml
2) T Naphthalene (C11.7)	5.961	4251920	29.925 ug/ml
3) T 2-Methylnaphthalene (...)	7.012	4713904	33.208 ug/ml
5) T Acenaphthylene (C15.06)	8.286	4892261	35.764 ug/ml
7) T Acenaphthene (C15.5)	8.581	5035237	35.664 ug/ml
8) T Fluorene (C16.55)	9.361	5383063	38.400 ug/ml
9) T Phenanthrene (C19.36)	10.755	5316757	38.045 ug/ml
10) T Anthracene (C19.43)	10.831	5302681	37.875 ug/ml
12) T Fluoranthene (C21.85)	12.565	5153209	36.742 ug/ml
13) T Pyrene (C20.8)	12.862	5015364	36.477 ug/ml
14) T Benzo[a]anthracene (C...	14.732	4636645	35.533 ug/ml
15) T Chrysene (C27.41)	14.776	4861438	36.113 ug/ml
16) T benzo[b]fluoranthene ...	16.284	4792613	37.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	4679014	35.642 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	4295481	33.719 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	4647626	39.002 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	4441798	35.130 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	4524400	38.272 ug/ml

(f)=RT Delta > 1/2 Window

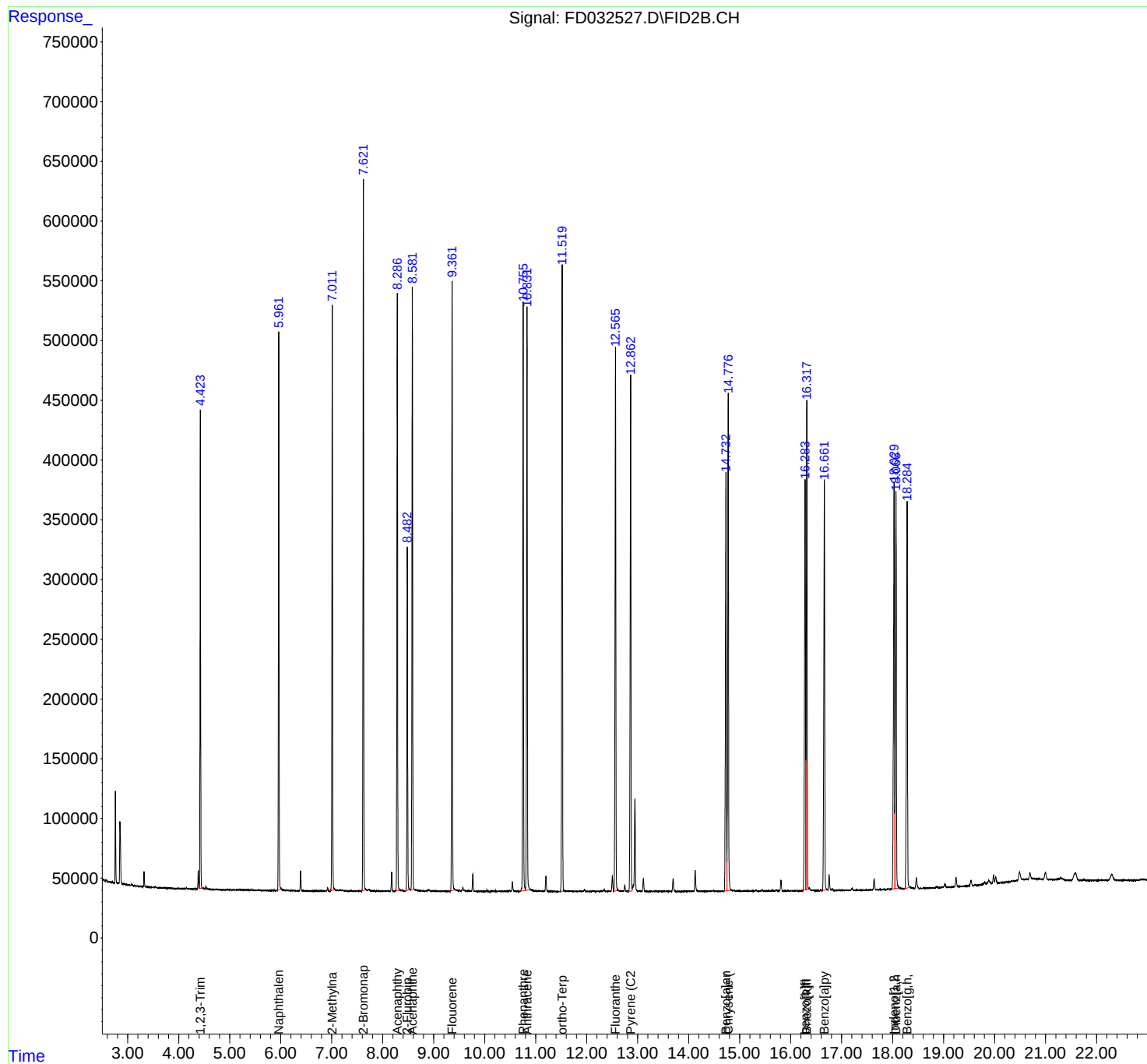
(m)=manual int.

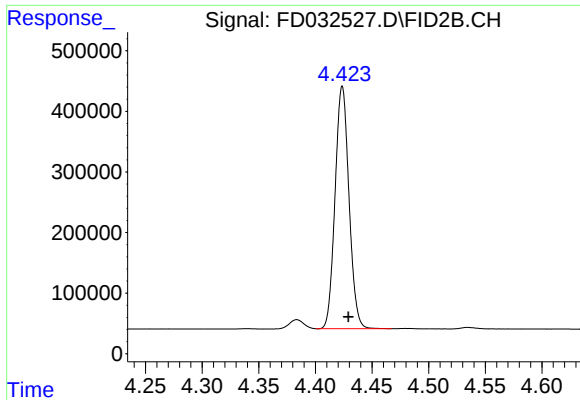
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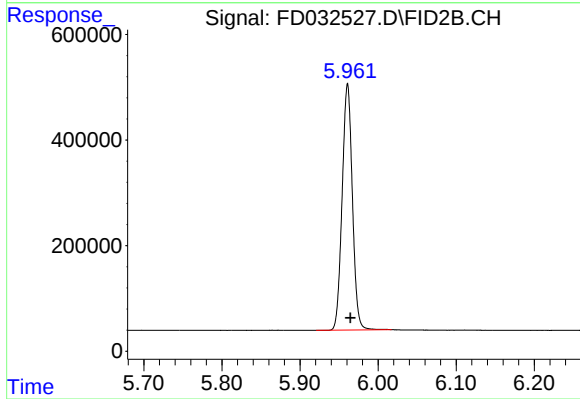




#1 1,2,3-Trimethylbenzene (C10.1)

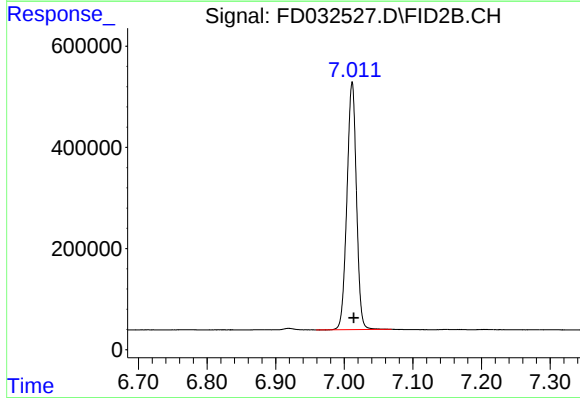
R.T.: 4.424 min
Delta R.T.: -0.005 min
Response: 3422886
Conc: 25.73 ug/ml

Instrument :
FID_D
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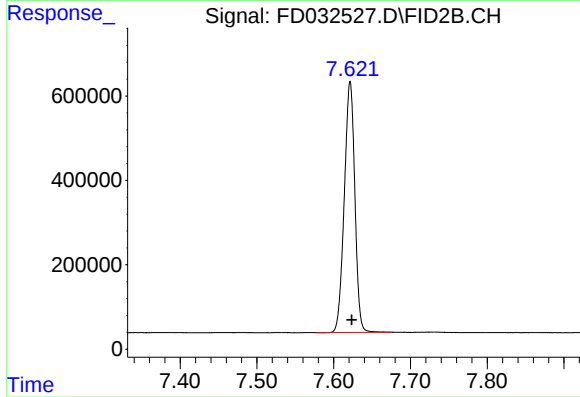
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 4251920
Conc: 29.93 ug/ml



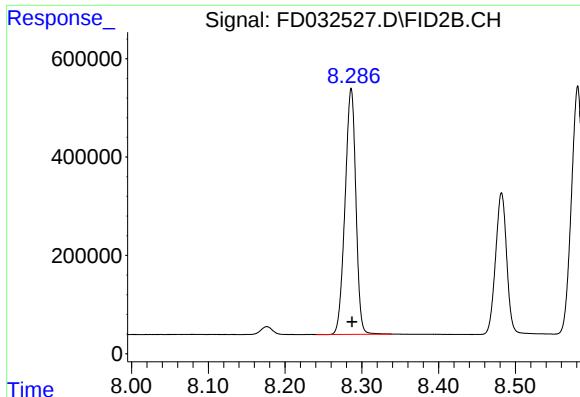
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 4713904
Conc: 33.21 ug/ml



#4 2-Bromonaphthalene (SURR)

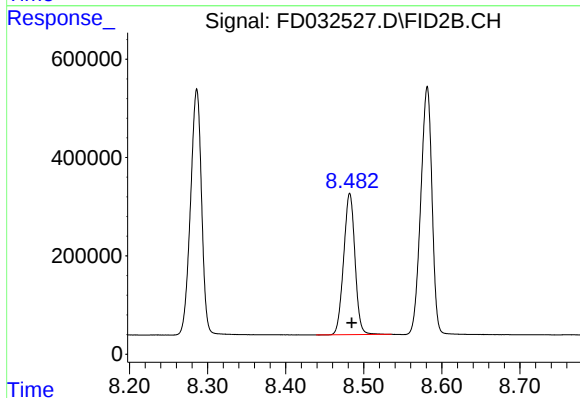
R.T.: 7.621 min
Delta R.T.: -0.002 min
Response: 5672547
Conc: 43.89 ug/ml



#5 Acenaphthylene (C15.06)

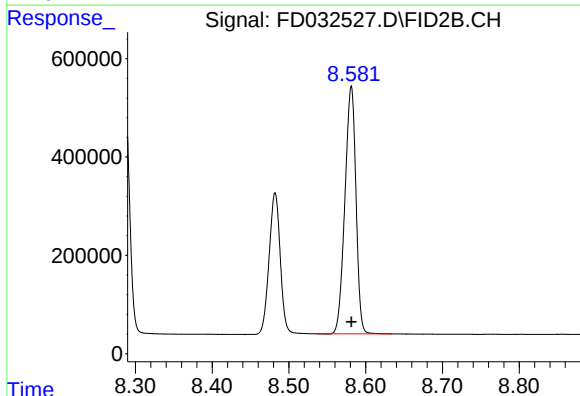
R.T.: 8.286 min
Delta R.T.: -0.001 min
Response: 4892261
Conc: 35.76 ug/ml

Instrument :
FID_D
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PB127356BS



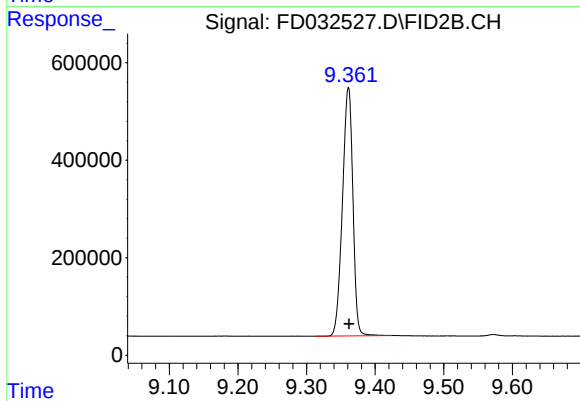
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min
Delta R.T.: -0.002 min
Response: 2891256
Conc: 32.75 ug/ml



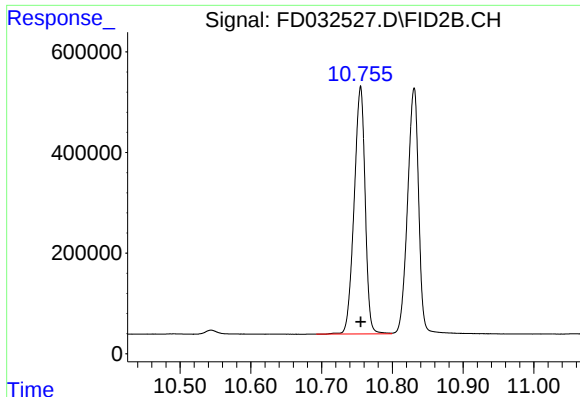
#7 Acenaphthene (C15.5)

R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 5035237
Conc: 35.66 ug/ml



#8 Flouorene (C16.55)

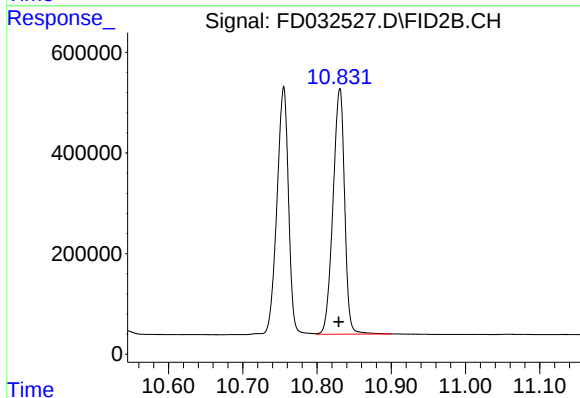
R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 5383063
Conc: 38.40 ug/ml



#9 Phenanthrene (C19.36)

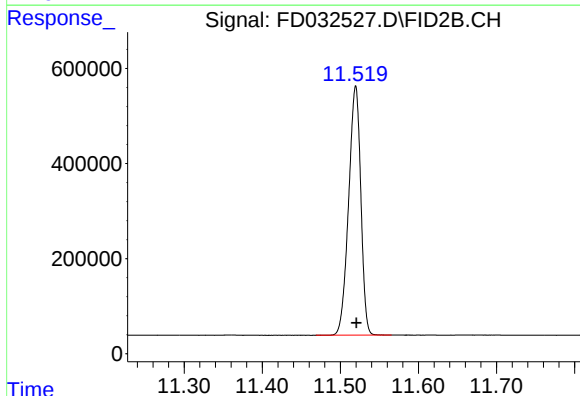
R.T.: 10.755 min
Delta R.T.: 0.000 min
Response: 5316757
Conc: 38.05 ug/ml

Instrument :
FID_D
ClientSampleId :
PB127356BS



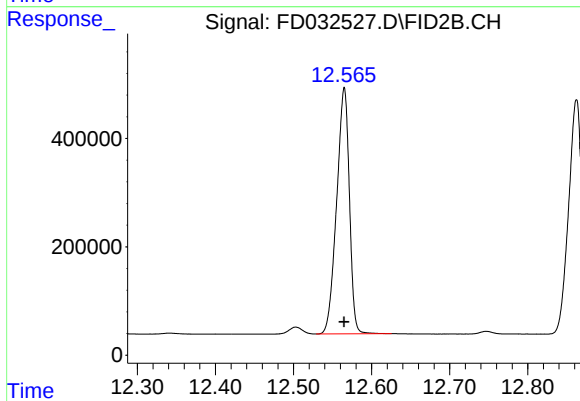
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: 0.001 min
Response: 5302681
Conc: 37.87 ug/ml



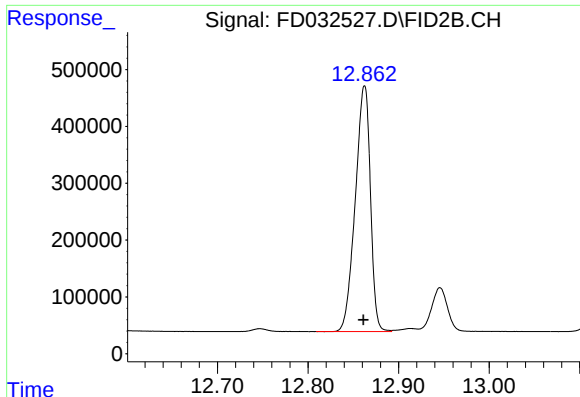
#11 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: 0.000 min
Response: 5672531
Conc: 40.91 ug/ml



#12 Fluoranthene (C21.85)

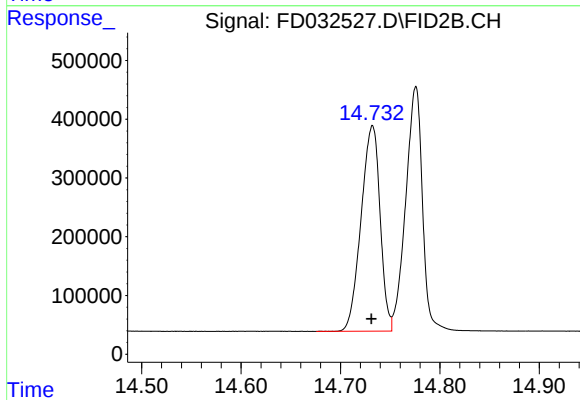
R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 5153209
Conc: 36.74 ug/ml



#13 Pyrene (C20.8)

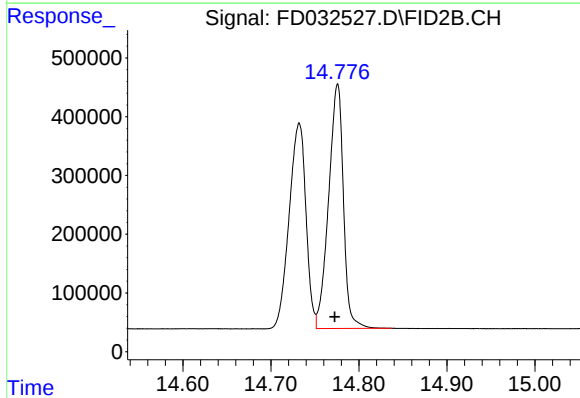
R.T.: 12.862 min
Delta R.T.: 0.001 min
Response: 5015364
Conc: 36.48 ug/ml

Instrument :
FID_D
ClientSampleId :
PB127356BS



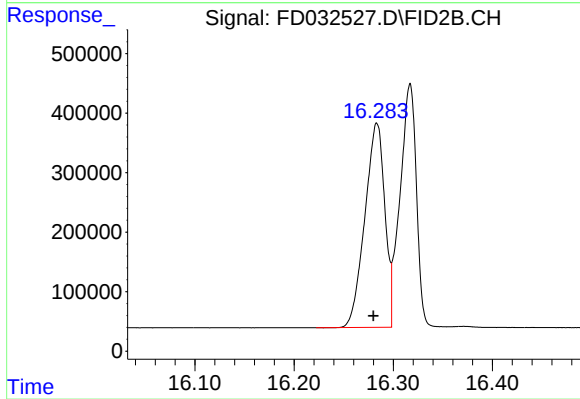
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.732 min
Delta R.T.: 0.001 min
Response: 4636645
Conc: 35.53 ug/ml



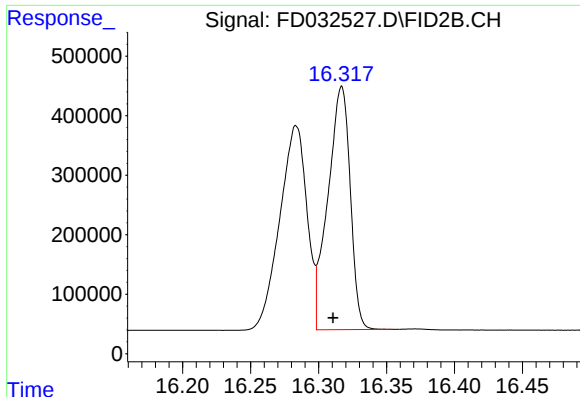
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: 0.003 min
Response: 4861438
Conc: 36.11 ug/ml



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

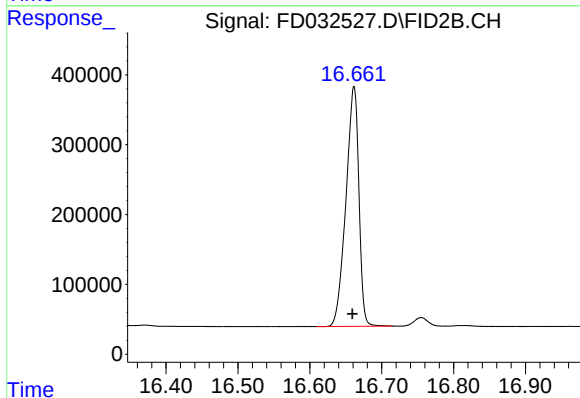
R.T.: 16.284 min
Delta R.T.: 0.003 min
Response: 4792613
Conc: 37.36 ug/ml



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

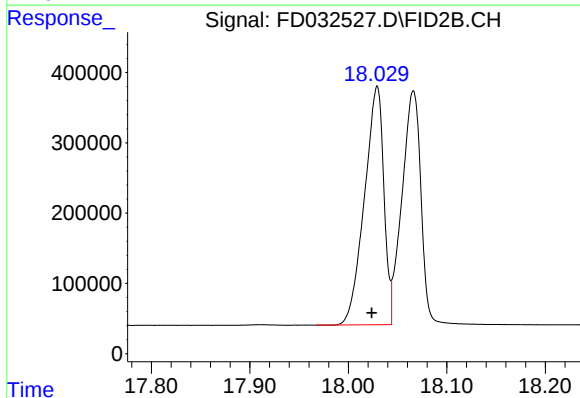
R.T.: 16.317 min
Delta R.T.: 0.006 min
Response: 4679014
Conc: 35.64 ug/ml

Instrument :
FID_D
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PB127356BS



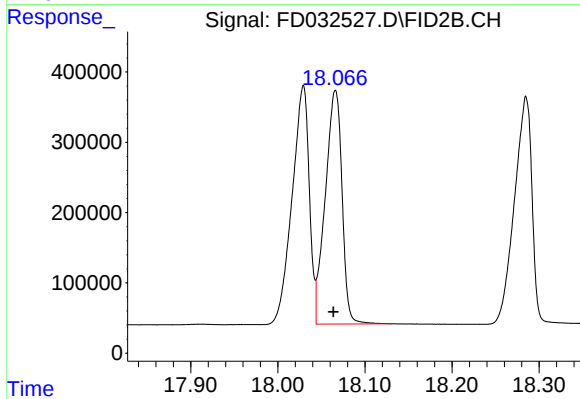
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: 0.003 min
Response: 4295481
Conc: 33.72 ug/ml



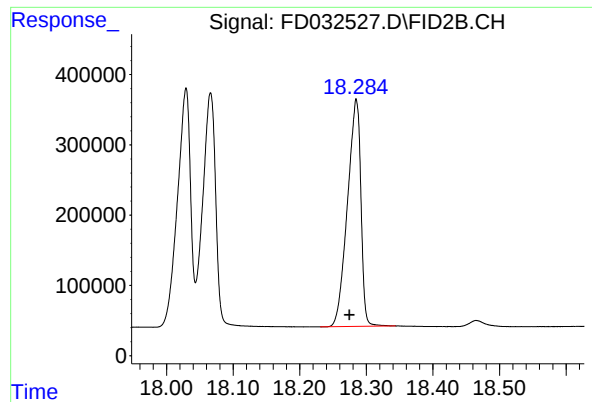
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: 0.005 min
Response: 4647626
Conc: 39.00 ug/ml



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

R.T.: 18.066 min
Delta R.T.: 0.002 min
Response: 4441798
Conc: 35.13 ug/ml



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

R.T.: 18.285 min
Delta R.T.: 0.010 min
Response: 4524400
Conc: 38.27 ug/ml

Instrument :
FID_D
ClientSampleId :
PB127356BS