

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AR\
 Data File : FD036598.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2021 11:05
 Operator : DD\AJ
 Sample : M1814-02MS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-3B-(4.0-4.5)MS

Integration File: autoint1.e
 Quant Time: Mar 29 08:58:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.594	6218553	44.215 ug/ml
Spiked Amount 50.000		Recovery =	88.43%
6) S 2-Fluorobiphenyl (SURR)	8.454	3990984	42.517 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.03%
11) S ortho-Terphenyl (SURR)	11.493	4693062	30.728 ug/ml
Spiked Amount 50.000		Recovery =	61.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	4789676	32.676 ug/ml
2) T Naphthalene (C11.7)	5.930	5459726	34.739 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	5701815	36.279 ug/ml
5) T Acenaphthylene (C15.06)	8.258	5631089	37.581 ug/ml
7) T Acenaphthene (C15.5)	8.554	5874166	37.841 ug/ml
8) T Fluorene (C16.55)	9.334	6020171	39.986 ug/ml
9) T Phenanthrene (C19.36)	10.728	6161487	42.037 ug/ml
10) T Anthracene (C19.43)	10.803	6120552	42.278 ug/ml
12) T Fluoranthene (C21.85)	12.537	6059413	43.159 ug/ml
13) T Pyrene (C20.8)	12.835	5937373	43.275 ug/ml
14) T Benzo[a]anthracene (C...	14.702	5135582	43.244 ug/ml
15) T Chrysene (C27.41)	14.746	5343166	44.183 ug/ml
16) T benzo[b]fluoranthene ...	16.249	4849135	44.191 ug/ml
17) T Bnezo[k]fluoranthene ...	16.283	4630873	43.565 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.628	4696340	47.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.990	4450770	44.278 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	4454124	44.173 ug/ml
21) T Benzo[g,h,i]perylene ...	18.246	4557499	44.981 ug/ml

(f)=RT Delta > 1/2 Window

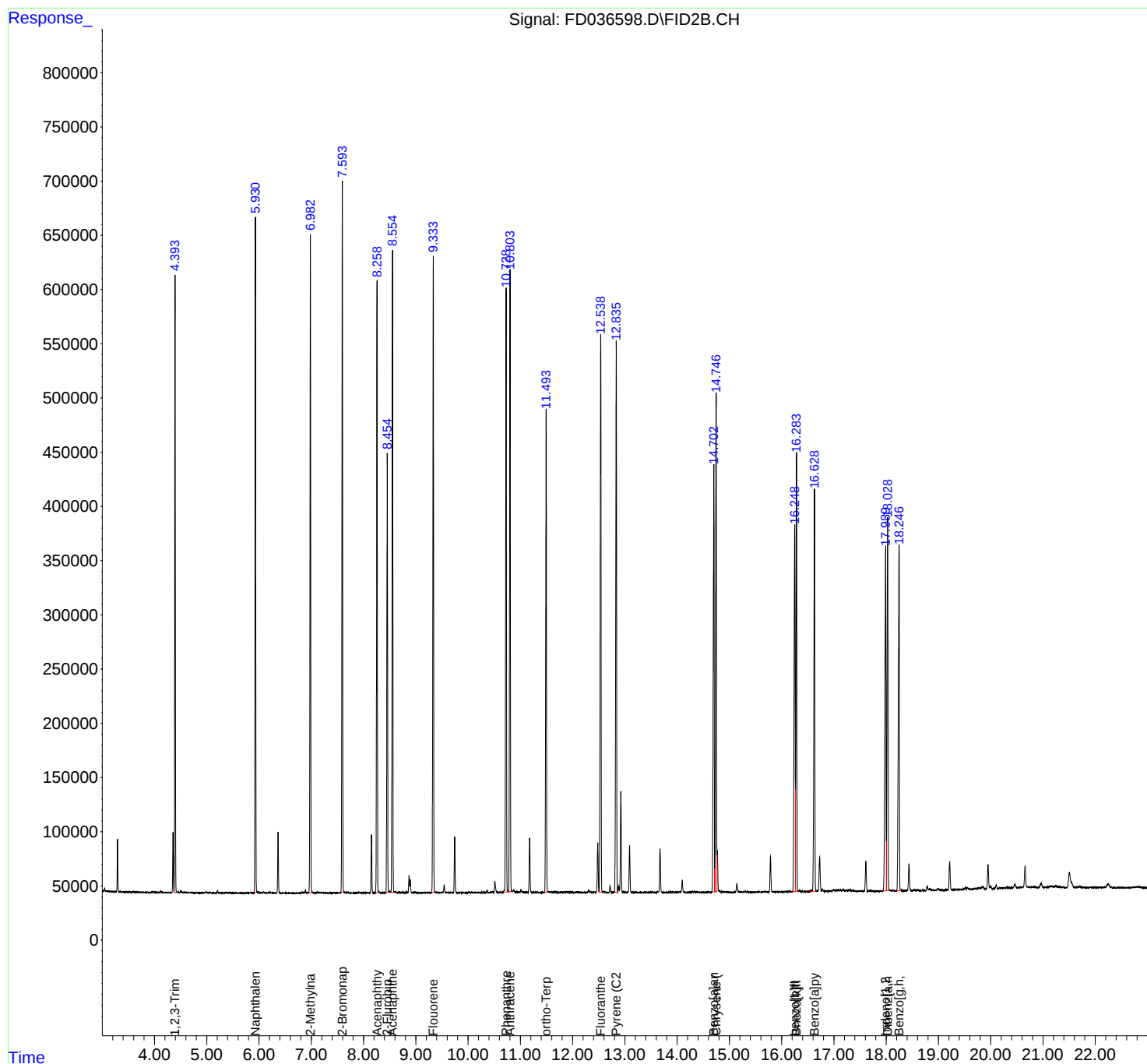
(m)=manual int.

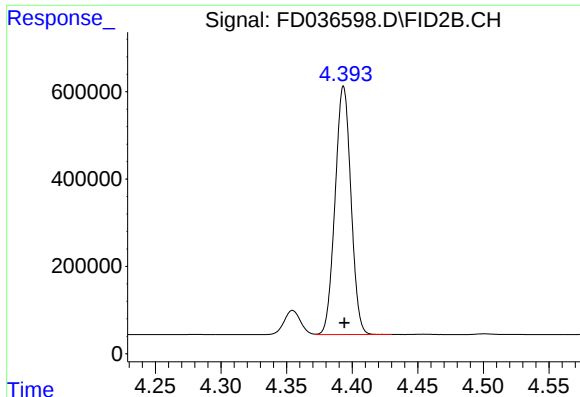
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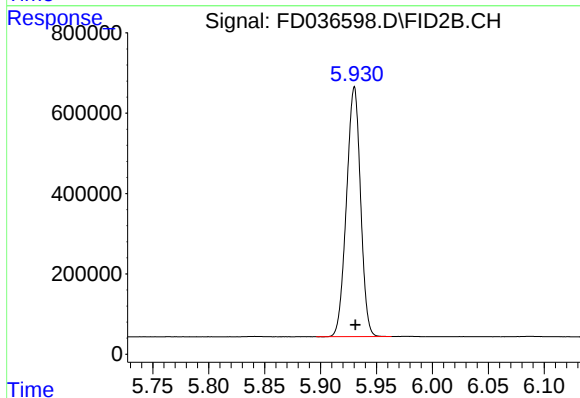




#1 1,2,3-Trimethylbenzene (C10.1)

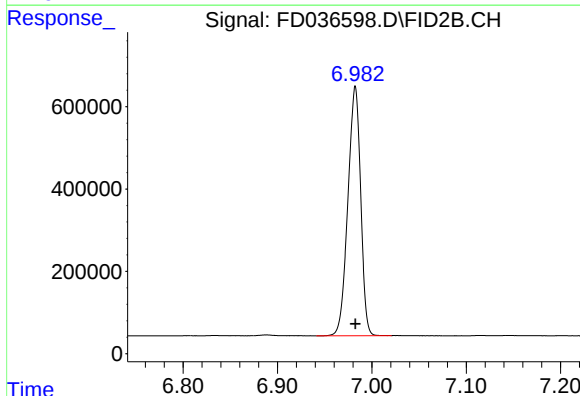
R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 4789676
Conc: 32.68 ug/ml

Instrument :
FID_D
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SB-3B-(4.0-4.5)MS



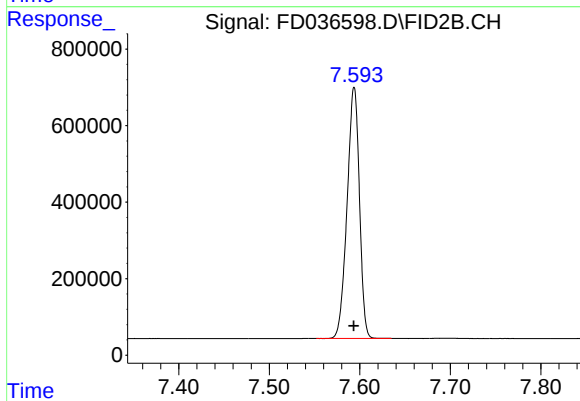
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 5459726
Conc: 34.74 ug/ml



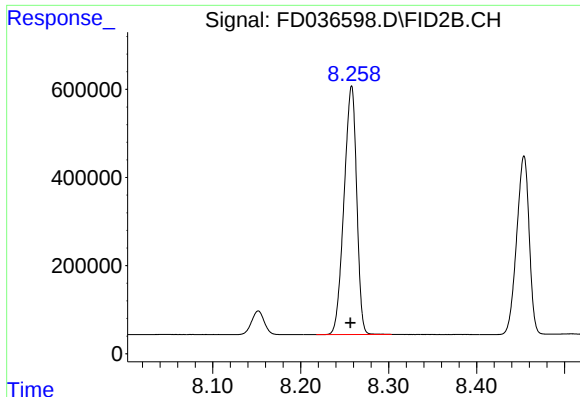
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 5701815
Conc: 36.28 ug/ml



#4 2-Bromonaphthalene (SURR)

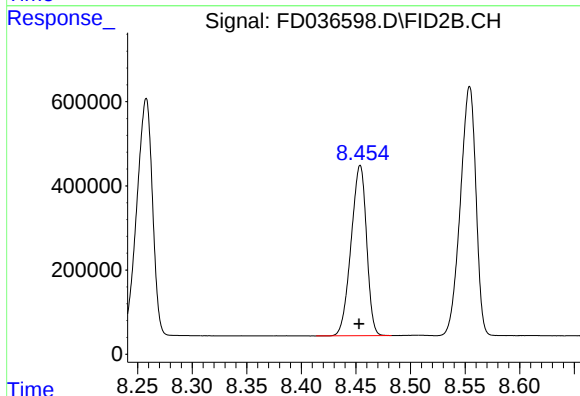
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 6218553
Conc: 44.22 ug/ml



#5 Acenaphthylene (C15.06)

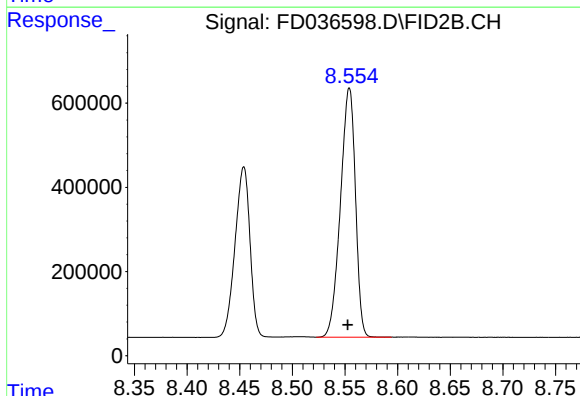
R.T.: 8.258 min
Delta R.T.: 0.001 min
Response: 5631089
Conc: 37.58 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-3B-(4.0-4.5)MS



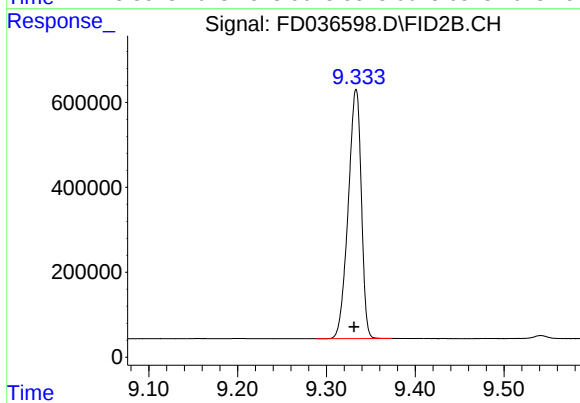
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 3990984
Conc: 42.52 ug/ml



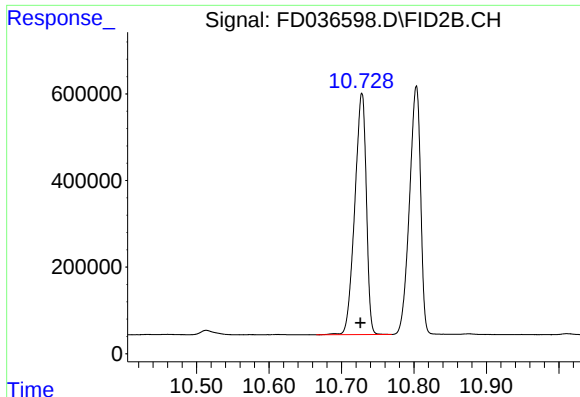
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 5874166
Conc: 37.84 ug/ml



#8 Flouorene (C16.55)

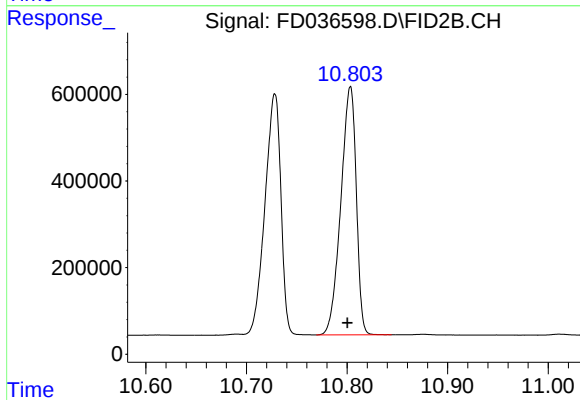
R.T.: 9.334 min
Delta R.T.: 0.002 min
Response: 6020171
Conc: 39.99 ug/ml



#9 Phenanthrene (C19.36)

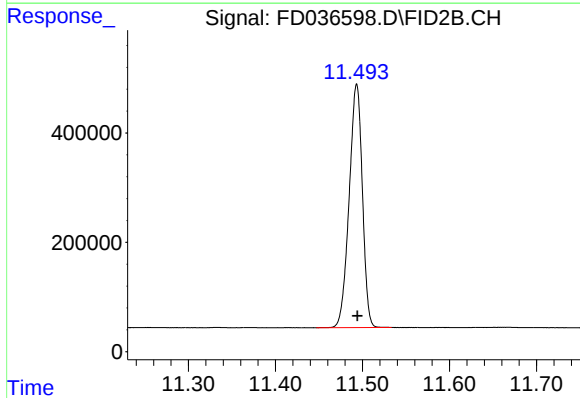
R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 6161487
Conc: 42.04 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-3B-(4.0-4.5)MS



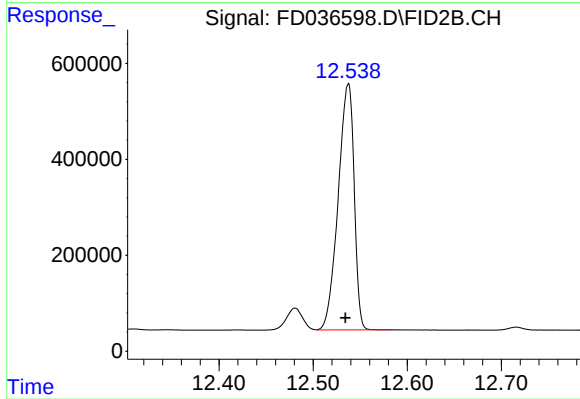
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: 0.003 min
Response: 6120552
Conc: 42.28 ug/ml



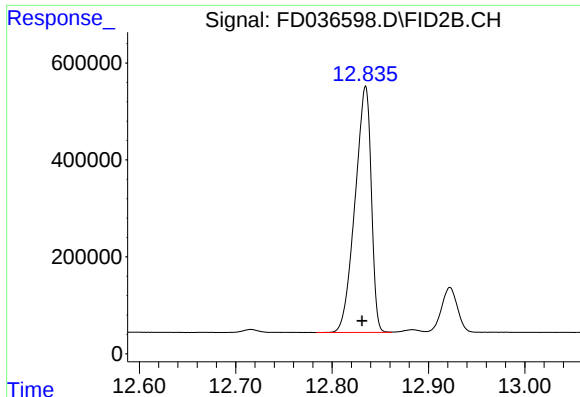
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 4693062
Conc: 30.73 ug/ml



#12 Fluoranthene (C21.85)

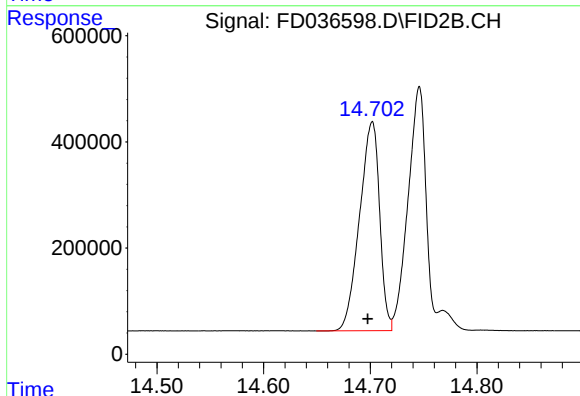
R.T.: 12.537 min
Delta R.T.: 0.003 min
Response: 6059413
Conc: 43.16 ug/ml



#13 Pyrene (C20.8)

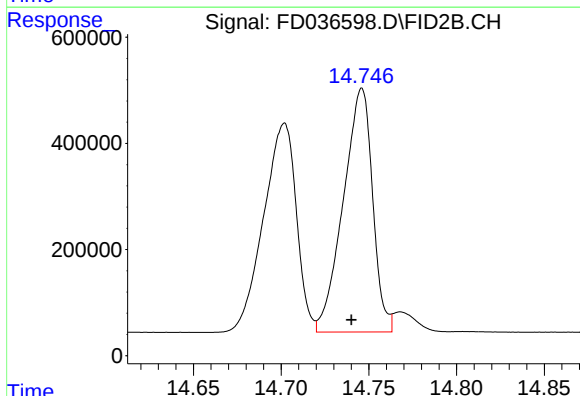
R.T.: 12.835 min
Delta R.T.: 0.004 min
Response: 5937373
Conc: 43.27 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-3B-(4.0-4.5)MS



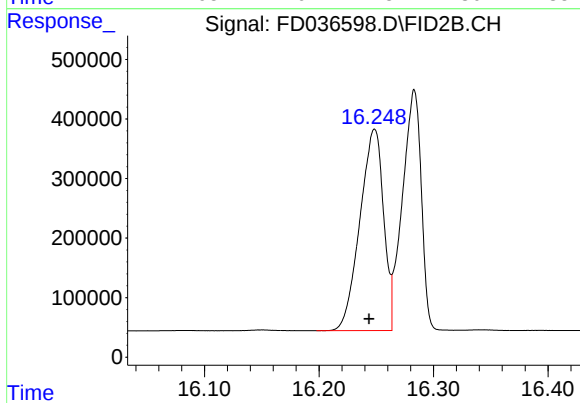
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: 0.004 min
Response: 5135582
Conc: 43.24 ug/ml



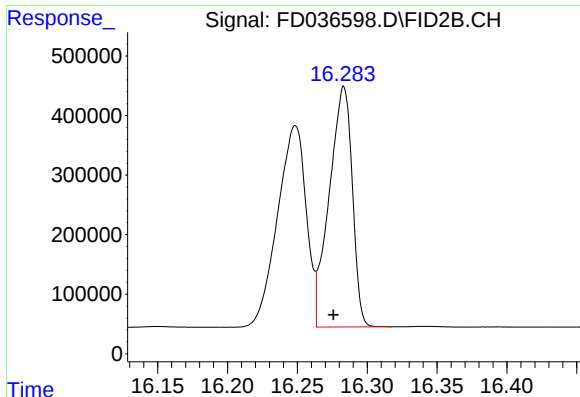
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: 0.006 min
Response: 5343166
Conc: 44.18 ug/ml



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

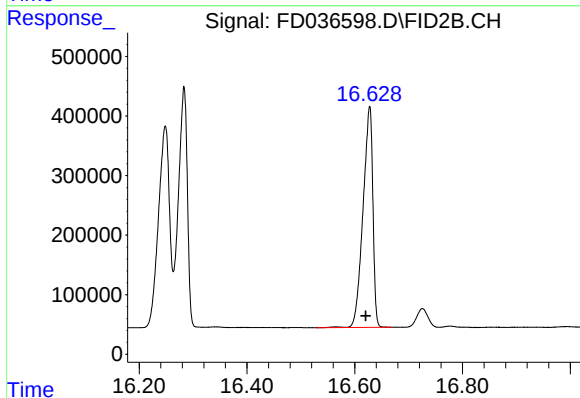
R.T.: 16.249 min
Delta R.T.: 0.005 min
Response: 4849135
Conc: 44.19 ug/ml



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

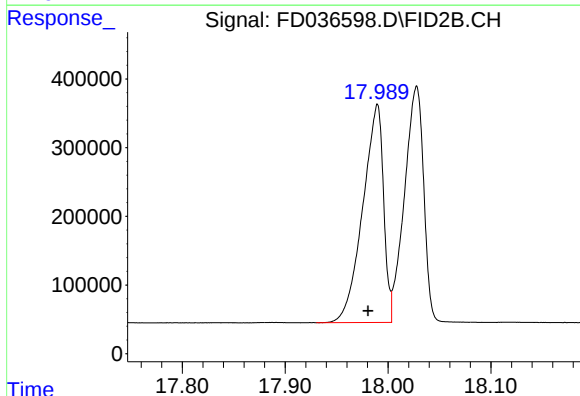
R.T.: 16.283 min
Delta R.T.: 0.007 min
Response: 4630873
Conc: 43.56 ug/ml

Instrument :
FID_D
ClientSampleId :
SB-3B-(4.0-4.5)MS



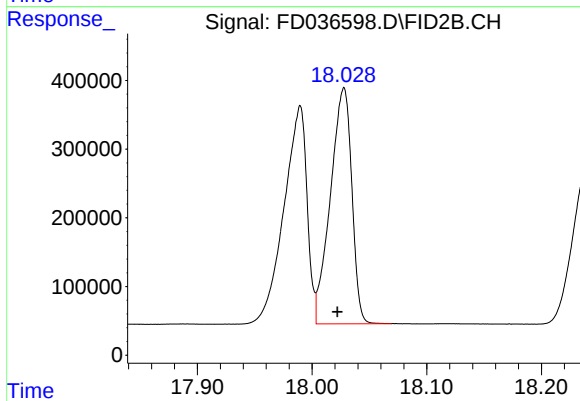
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min
Delta R.T.: 0.007 min
Response: 4696340
Conc: 47.12 ug/ml



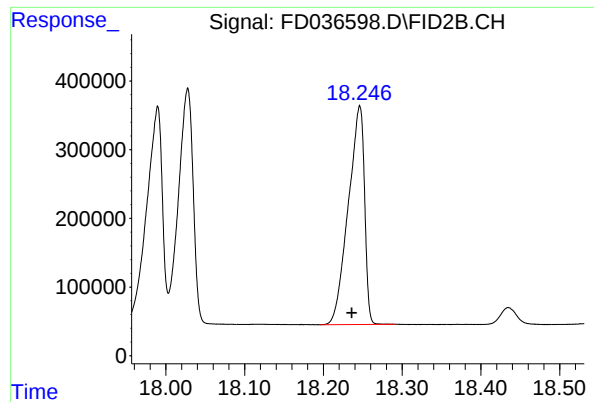
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.990 min
Delta R.T.: 0.009 min
Response: 4450770
Conc: 44.28 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 4454124
Conc: 44.17 ug/ml



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

R.T.: 18.246 min
Delta R.T.: 0.010 min
Response: 4557499
Conc: 44.98 ug/ml

Instrument :
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ClientSampleId :
SB-3B-(4.0-4.5)MS