

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036532.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 12:45
 Operator : DD\AJ
 Sample : FCS CHECK SOL 4
 Misc : LOT#M02142C2 E3060
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 4

Integration File: sample.E
 Quant Time: Mar 26 01:29:30 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	6983011	49.651 ug/ml
Spiked Amount 50.000		Recovery =	99.30%
6) S 2-Fluorobiphenyl (SURR)	8.454	4493608	47.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.74%
11) S ortho-Terphenyl (SURR)	11.494	6506932	42.604 ug/ml
Spiked Amount 50.000		Recovery =	85.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	4670660	31.864 ug/ml
2) T Naphthalene (C11.7)	5.930	5646095	35.925 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	6176390	39.299 ug/ml
5) T Acenaphthylene (C15.06)	8.257	6231518	41.588 ug/ml
7) T Acenaphthene (C15.5)	8.554	6504805	41.903 ug/ml
8) T Fluorene (C16.55)	9.333	6637232	44.084 ug/ml
9) T Phenanthrene (C19.36)	10.728	6601612	45.040 ug/ml
10) T Anthracene (C19.43)	10.803	6509942	44.968 ug/ml
12) T Fluoranthene (C21.85)	12.538	6313743	44.971 ug/ml
13) T Pyrene (C20.8)	12.834	6176537	45.018 ug/ml
14) T Benzo[a]anthracene (C...	14.702	5328773	44.871 ug/ml
15) T Chrysene (C27.41)	14.747	5553411	45.921 ug/ml
16) T benzo[b]fluoranthene ...	16.251	4955437	45.160 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	4734416	44.539 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.628	4731227	47.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	4278255	42.562 ug/ml
20) T Dibenz[a,h]anthracene...	18.030	4271624	42.363 ug/ml
21) T Benzo[g,h,i]perylene ...	18.246	4269202	42.135 ug/ml

(f)=RT Delta > 1/2 Window

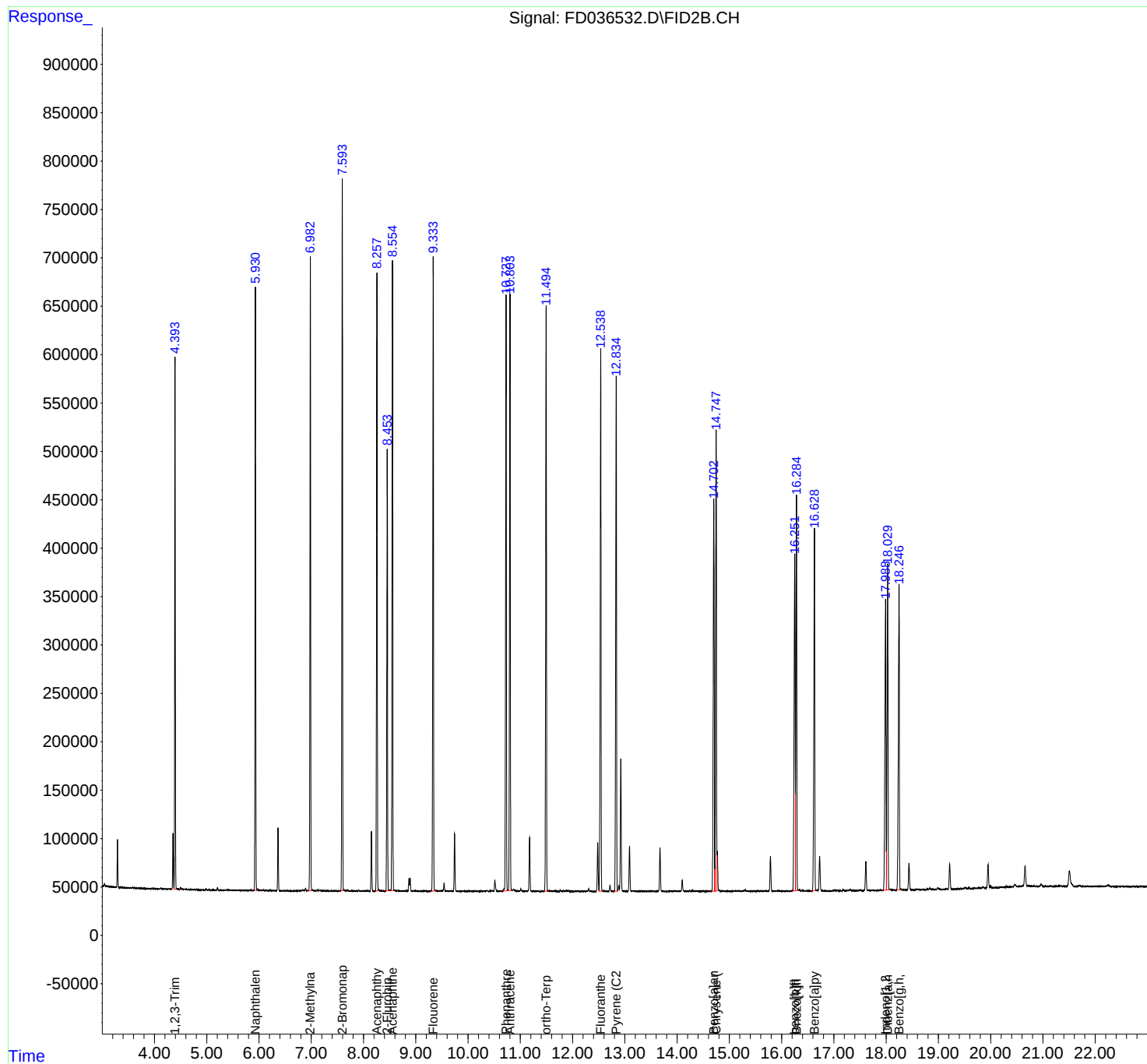
(m)=manual int.

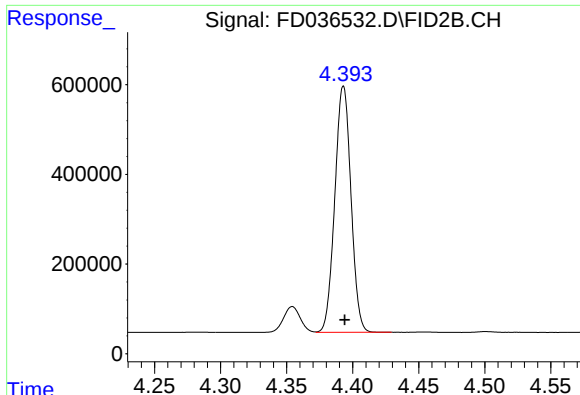
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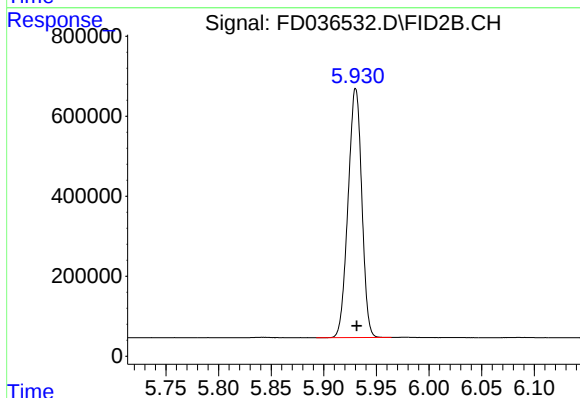




#1 1,2,3-Trimethylbenzene (C10.1)

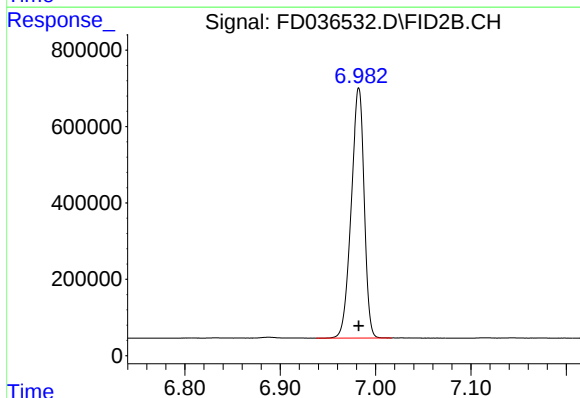
R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 4670660
Conc: 31.86 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



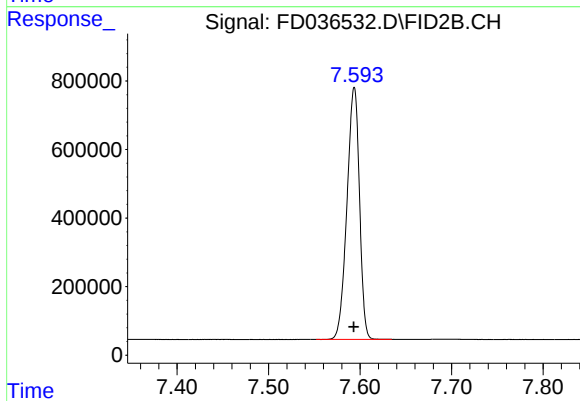
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 5646095
Conc: 35.93 ug/ml



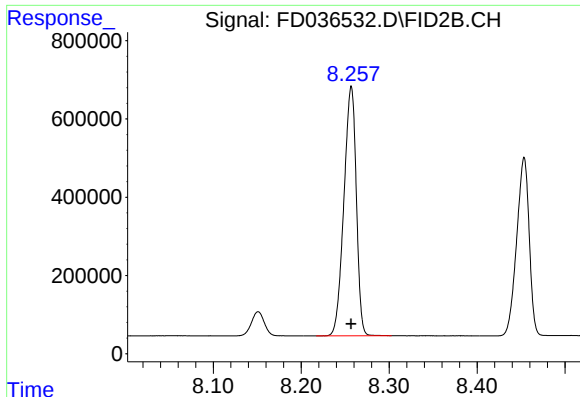
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 6176390
Conc: 39.30 ug/ml



#4 2-Bromonaphthalene (SURR)

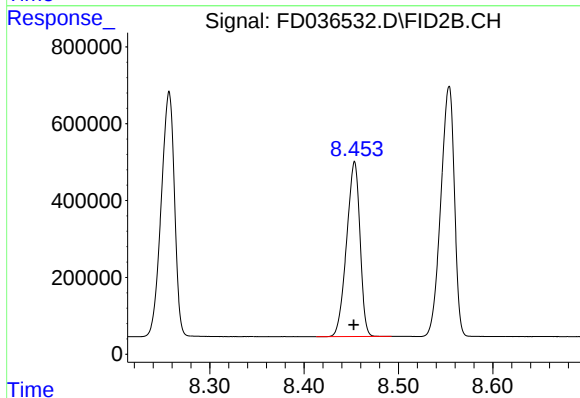
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 6983011
Conc: 49.65 ug/ml



#5 Acenaphthylene (C15.06)

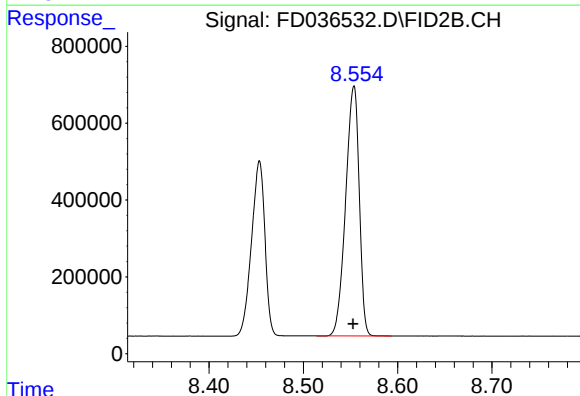
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 6231518
Conc: 41.59 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



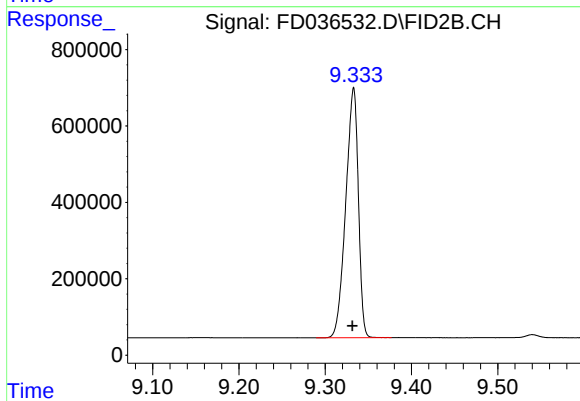
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 4493608
Conc: 47.87 ug/ml



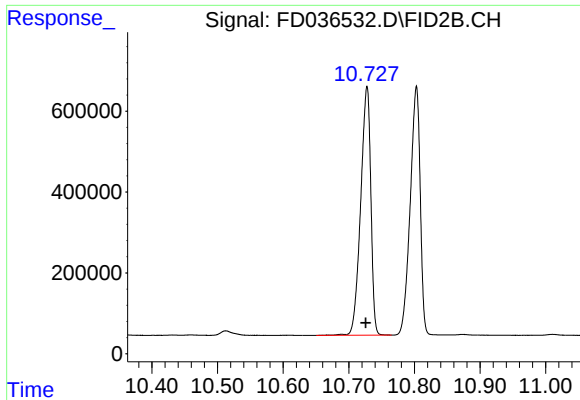
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 6504805
Conc: 41.90 ug/ml



#8 Flouorene (C16.55)

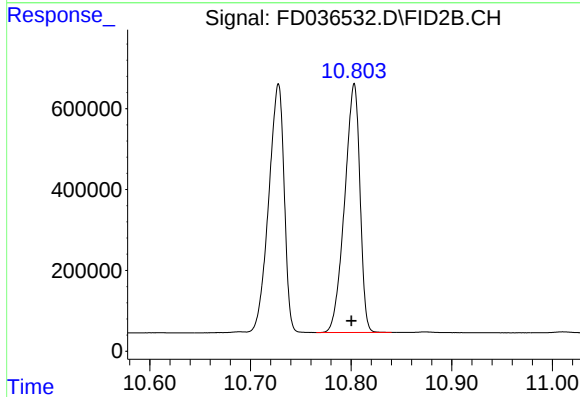
R.T.: 9.333 min
Delta R.T.: 0.002 min
Response: 6637232
Conc: 44.08 ug/ml



#9 Phenanthrene (C19.36)

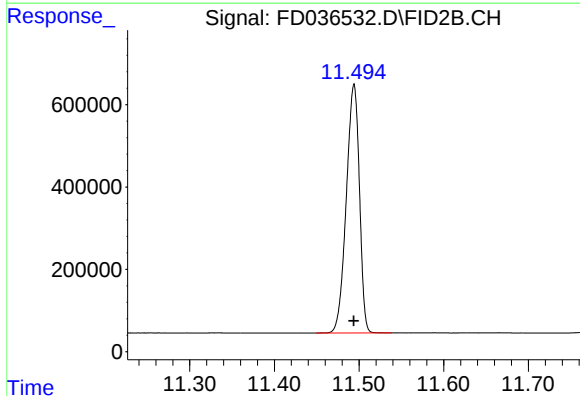
R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 6601612
Conc: 45.04 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



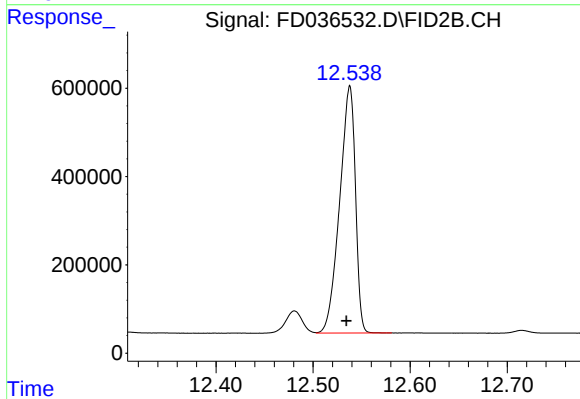
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: 0.003 min
Response: 6509942
Conc: 44.97 ug/ml



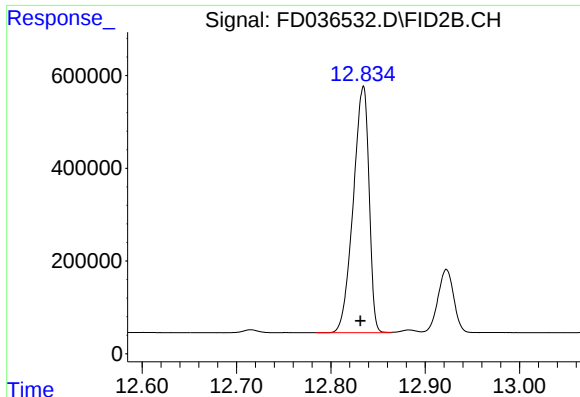
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 6506932
Conc: 42.60 ug/ml



#12 Fluoranthene (C21.85)

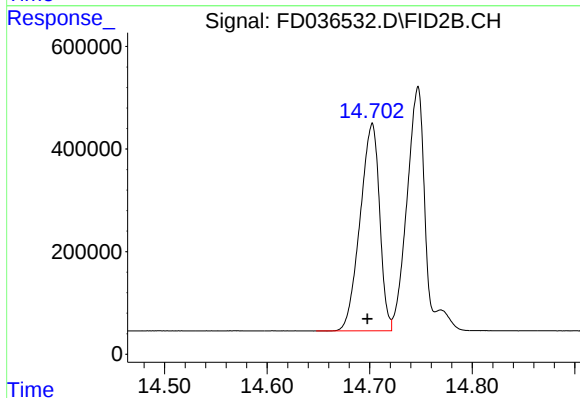
R.T.: 12.538 min
Delta R.T.: 0.004 min
Response: 6313743
Conc: 44.97 ug/ml



#13 Pyrene (C20.8)

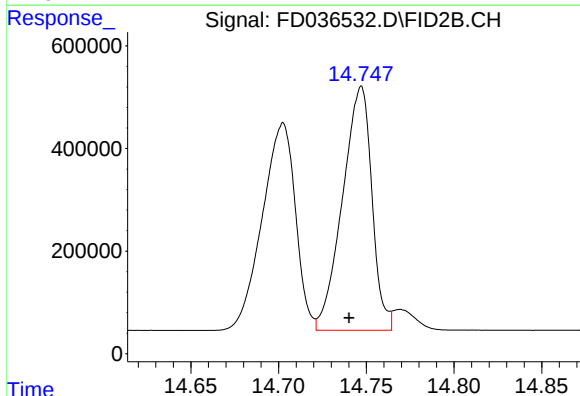
R.T.: 12.834 min
Delta R.T.: 0.003 min
Response: 6176537
Conc: 45.02 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



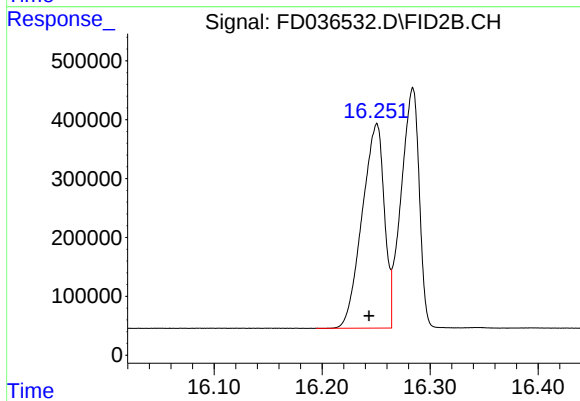
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: 0.005 min
Response: 5328773
Conc: 44.87 ug/ml



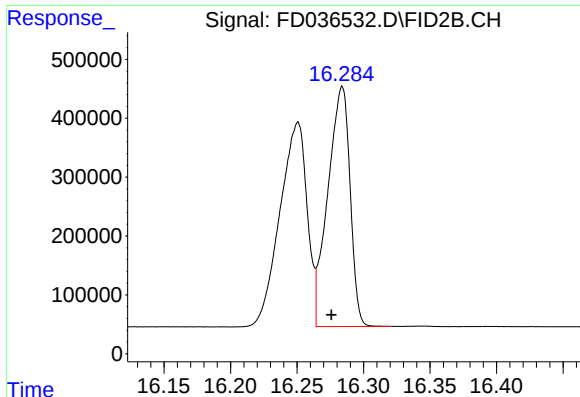
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.007 min
Response: 5553411
Conc: 45.92 ug/ml



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

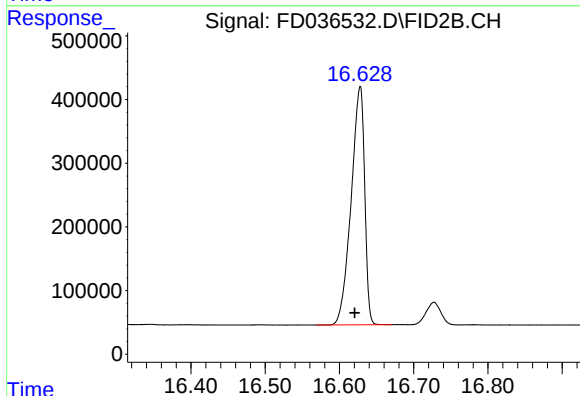
R.T.: 16.251 min
Delta R.T.: 0.007 min
Response: 4955437
Conc: 45.16 ug/ml



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

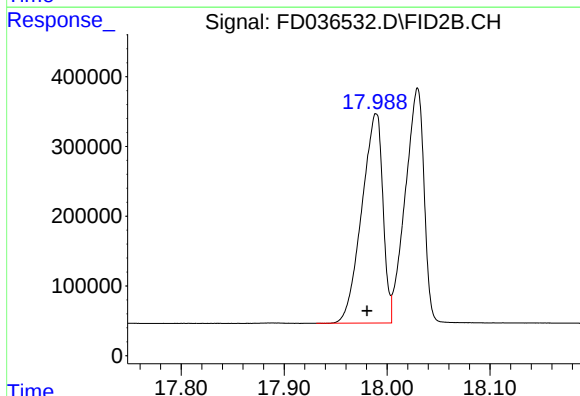
R.T.: 16.284 min
Delta R.T.: 0.008 min
Response: 4734416
Conc: 44.54 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



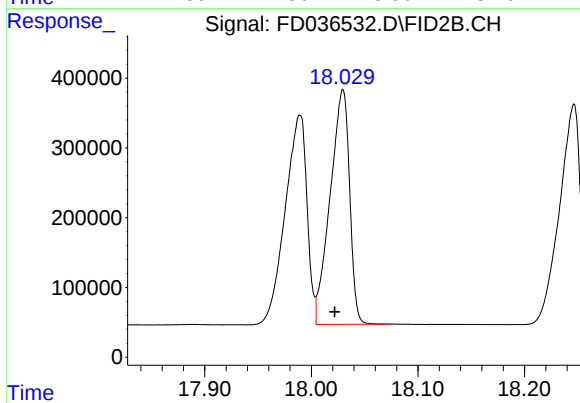
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min
Delta R.T.: 0.007 min
Response: 4731227
Conc: 47.47 ug/ml



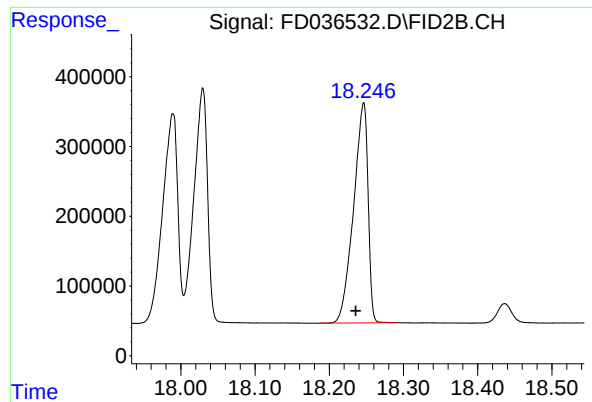
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: 0.009 min
Response: 4278255
Conc: 42.56 ug/ml



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

R.T.: 18.030 min
Delta R.T.: 0.008 min
Response: 4271624
Conc: 42.36 ug/ml



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

R.T.: 18.246 min
Delta R.T.: 0.010 min
Response: 4269202
Conc: 42.14 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4