

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036529.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 10:51
 Operator : DD\AJ
 Sample : FCS CHECK SOL 1
 Misc : LOT#M02142C2 E3060
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 1

Integration File: sample.E
 Quant Time: Mar 26 01:28:36 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...	7.596	7105714	50.523 ug/ml
Spiked Amount 50.000		Recovery =	101.05%
6) S 2-Fluorobiphenyl (SURR)	8.456	4575388	48.743 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.49%
11) S ortho-Terphenyl (SURR)	11.495	6820637	44.658 ug/ml
Spiked Amount 50.000		Recovery =	89.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	4759336	32.469 ug/ml
2) T Naphthalene (C11.7)	5.932	5701064	36.275 ug/ml
3) T 2-Methylnaphthalene (...)	6.985	6167456	39.242 ug/ml
5) T Acenaphthylene (C15.06)	8.259	6259028	41.771 ug/ml
7) T Acenaphthene (C15.5)	8.556	6535210	42.099 ug/ml
8) T Flouorene (C16.55)	9.335	6738271	44.755 ug/ml
9) T Phenanthrene (C19.36)	10.729	6772577	46.207 ug/ml
10) T Anthracene (C19.43)	10.804	6703048	46.302 ug/ml
12) T Fluoranthene (C21.85)	12.539	6596877	46.988 ug/ml
13) T Pyrene (C20.8)	12.835	6459520	47.080 ug/ml
14) T Benzo[a]anthracene (C...	14.702	5600235	47.157 ug/ml
15) T Chrysene (C27.41)	14.747	6213153	51.377 ug/ml
16) T benzo[b]fluoranthene ...	16.250	5180740	47.213 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	4974571	46.798 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	4956376	49.732 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	4460633	44.376 ug/ml
20) T Dibenz[a,h]anthracene...	18.029	4577998	45.402 ug/ml
21) T Benzo[g,h,i]perylene ...	18.246	4613096	45.529 ug/ml

(f)=RT Delta > 1/2 Window

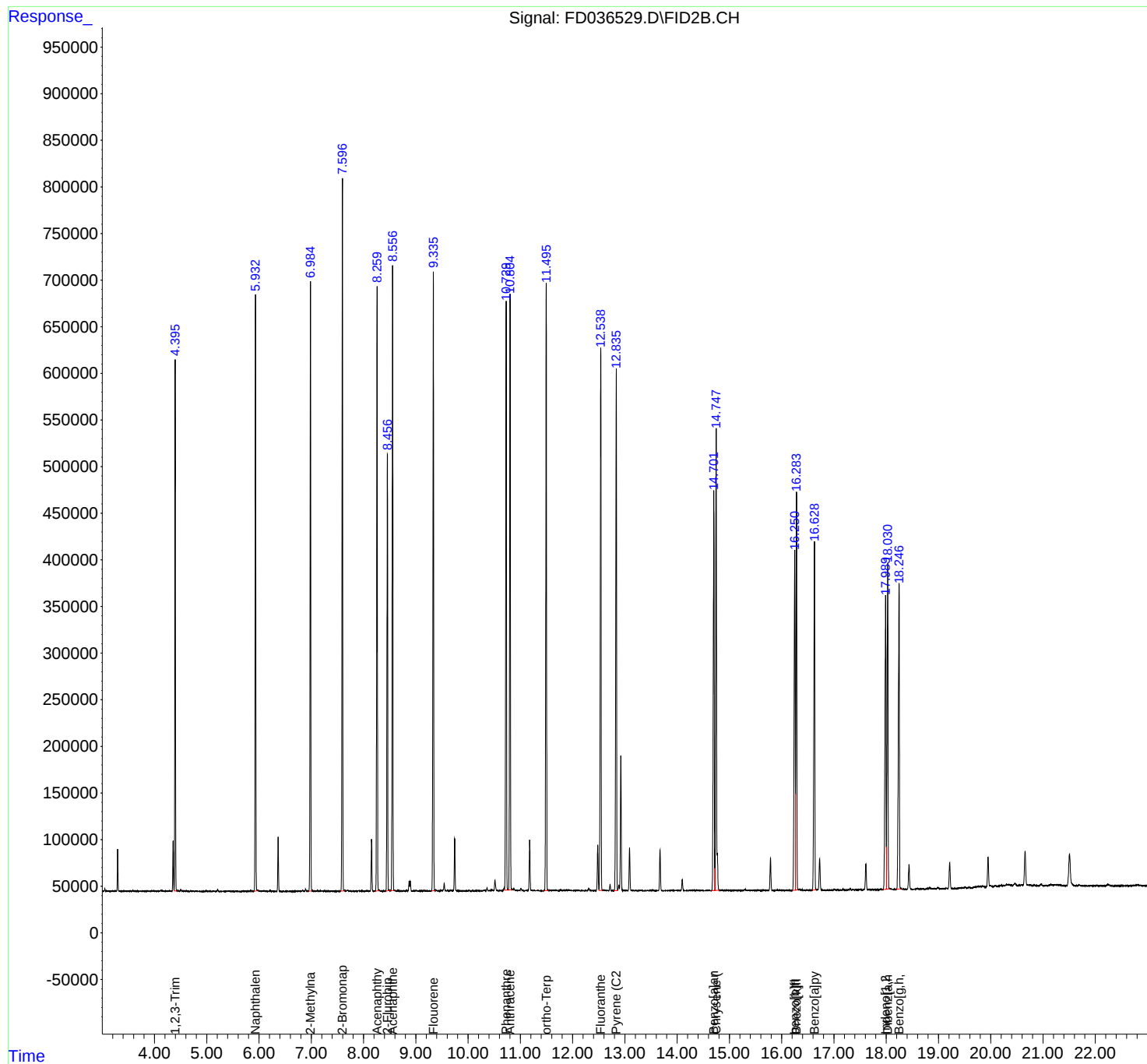
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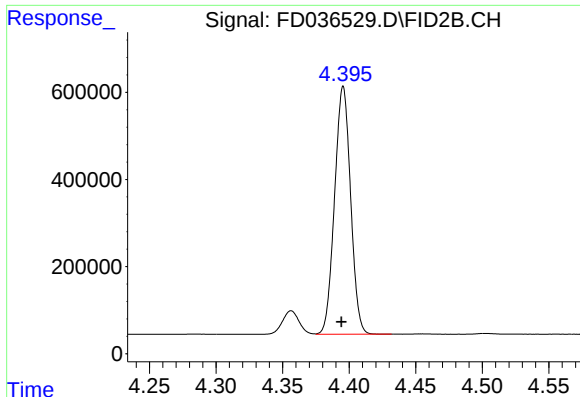
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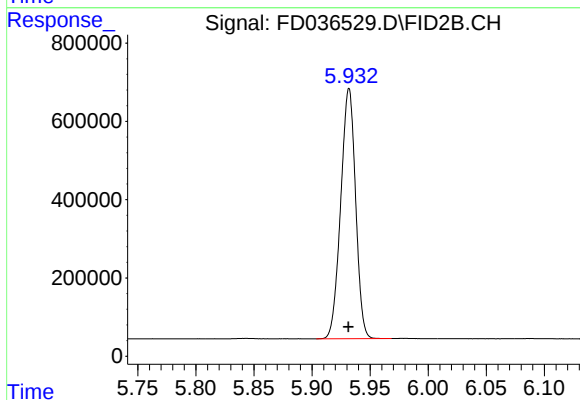




#1 1,2,3-Trimethylbenzene (C10.1)

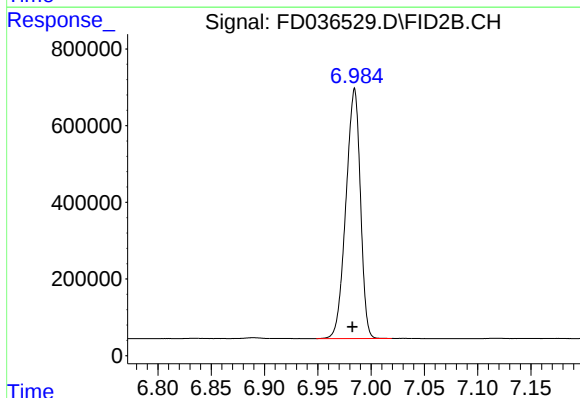
R.T.: 4.396 min
Delta R.T.: 0.002 min
Response: 4759336
Conc: 32.47 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 1



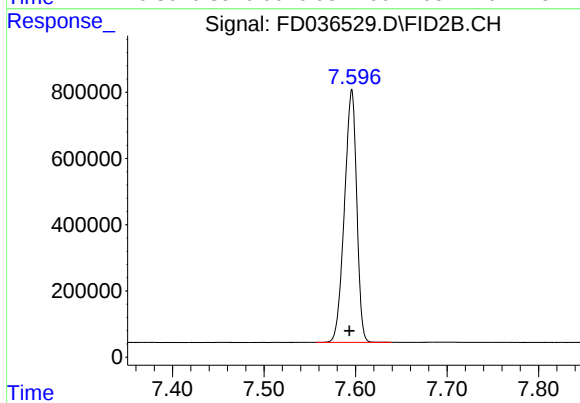
#2 Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 5701064
Conc: 36.28 ug/ml



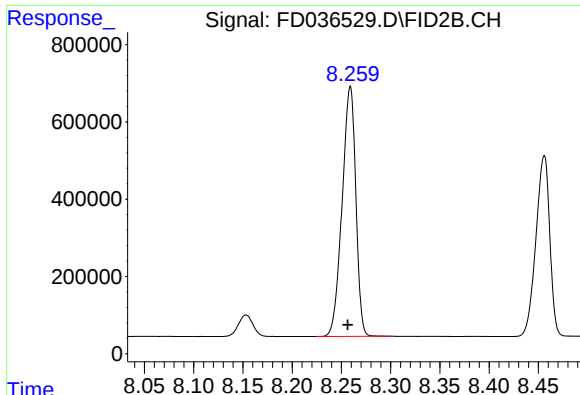
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 6167456
Conc: 39.24 ug/ml



#4 2-Bromonaphthalene (SURR)

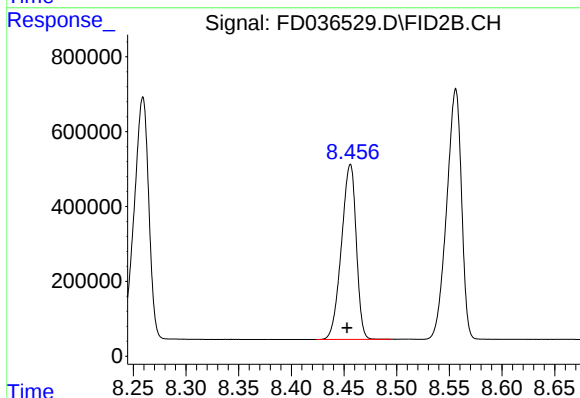
R.T.: 7.596 min
Delta R.T.: 0.003 min
Response: 7105714
Conc: 50.52 ug/ml



#5 Acenaphthylene (C15.06)

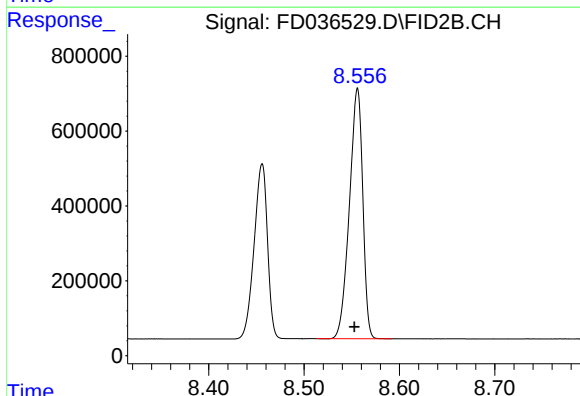
R.T.: 8.259 min
Delta R.T.: 0.003 min
Response: 6259028
Conc: 41.77 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 1



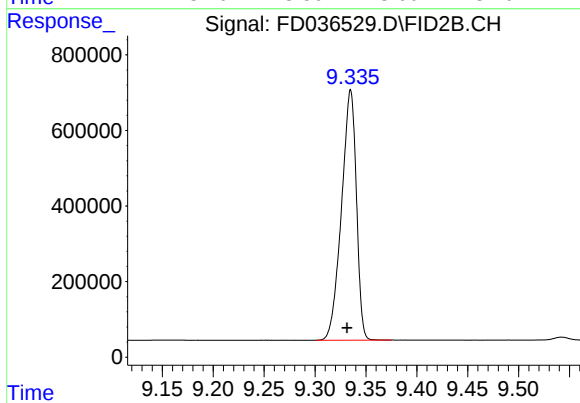
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 4575388
Conc: 48.74 ug/ml



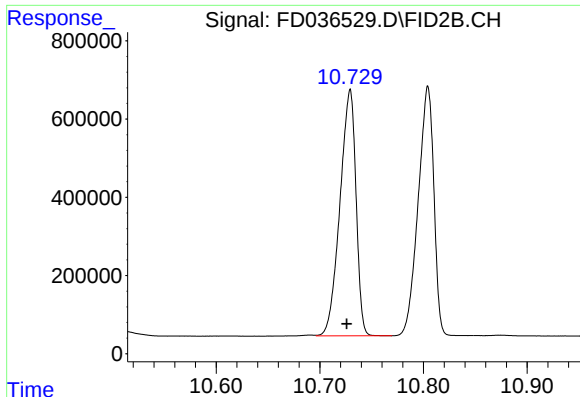
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: 0.003 min
Response: 6535210
Conc: 42.10 ug/ml



#8 Fluorene (C16.55)

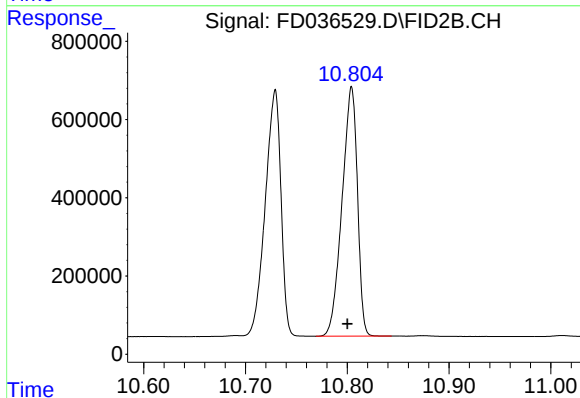
R.T.: 9.335 min
Delta R.T.: 0.004 min
Response: 6738271
Conc: 44.76 ug/ml



#9 Phenanthrene (C19.36)

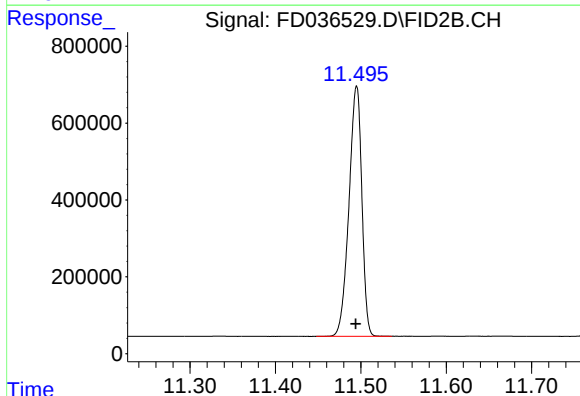
R.T.: 10.729 min
Delta R.T.: 0.003 min
Response: 6772577
Conc: 46.21 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 1



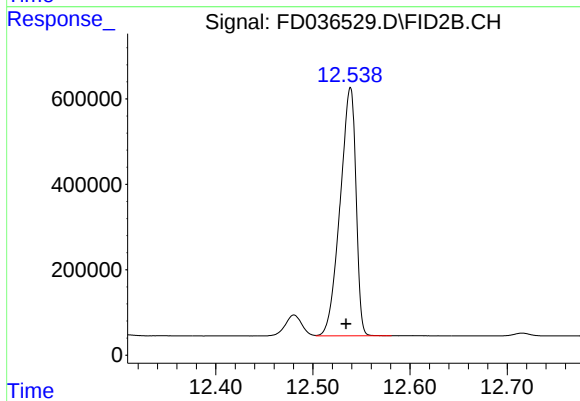
#10 Anthracene (C19.43)

R.T.: 10.804 min
Delta R.T.: 0.004 min
Response: 6703048
Conc: 46.30 ug/ml



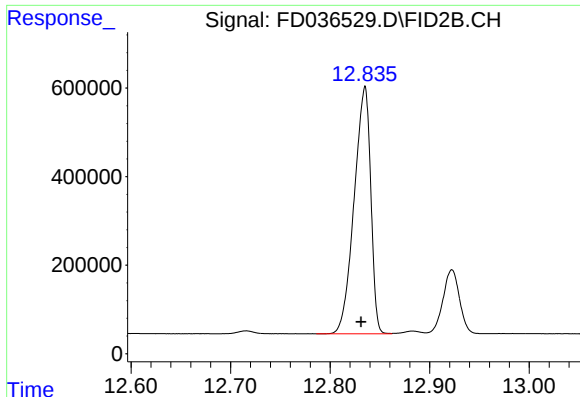
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.001 min
Response: 6820637
Conc: 44.66 ug/ml



#12 Fluoranthene (C21.85)

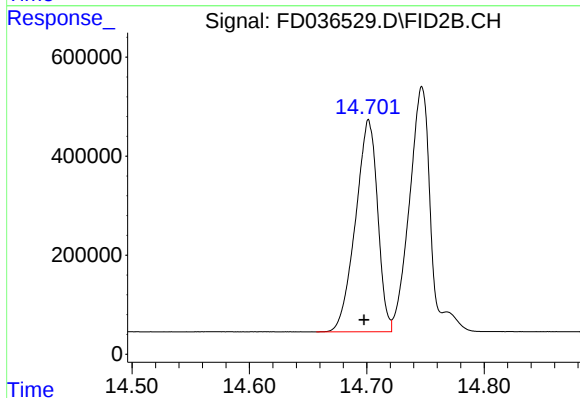
R.T.: 12.539 min
Delta R.T.: 0.004 min
Response: 6596877
Conc: 46.99 ug/ml



#13 Pyrene (C20.8)

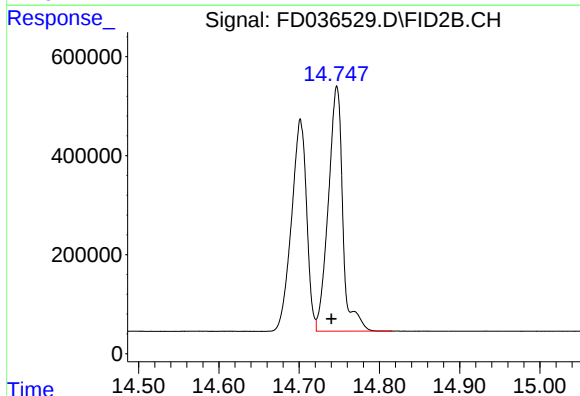
R.T.: 12.835 min
Delta R.T.: 0.004 min
Response: 6459520
Conc: 47.08 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 1



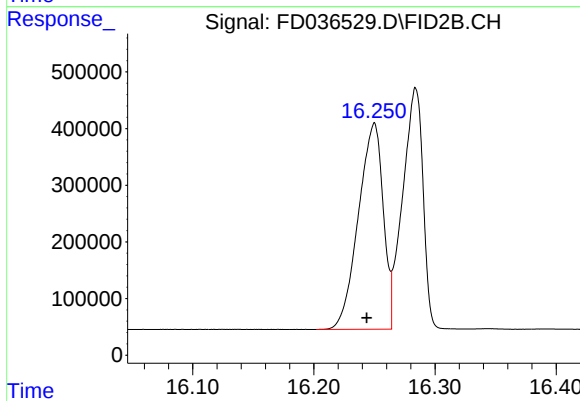
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: 0.004 min
Response: 5600235
Conc: 47.16 ug/ml



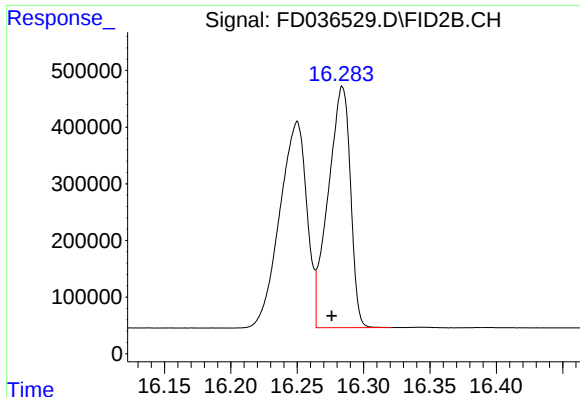
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: 0.007 min
Response: 6213153
Conc: 51.38 ug/ml



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

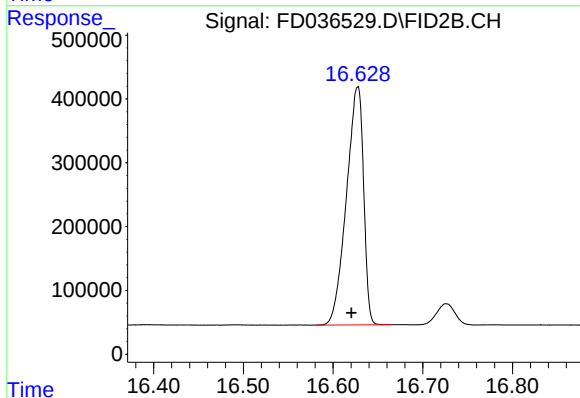
R.T.: 16.250 min
Delta R.T.: 0.006 min
Response: 5180740
Conc: 47.21 ug/ml



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

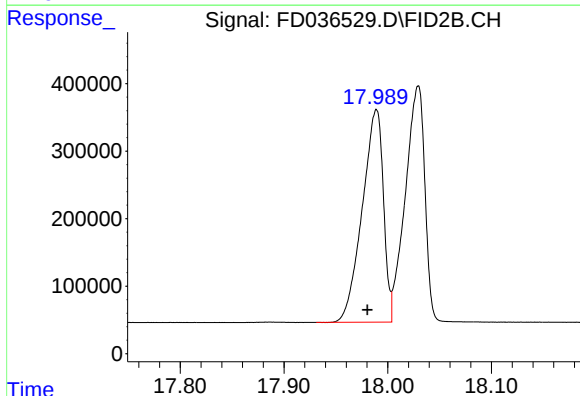
R.T.: 16.284 min
Delta R.T.: 0.008 min
Response: 4974571
Conc: 46.80 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 1



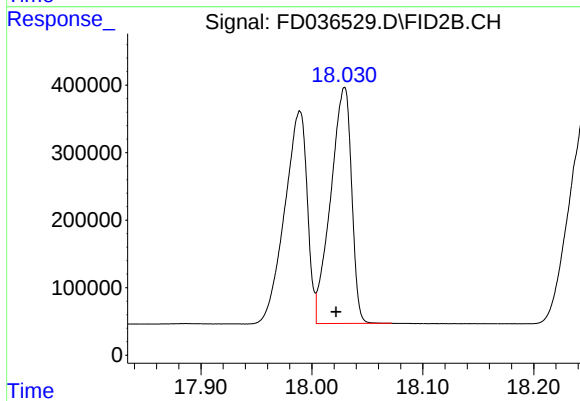
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: 0.007 min
Response: 4956376
Conc: 49.73 ug/ml



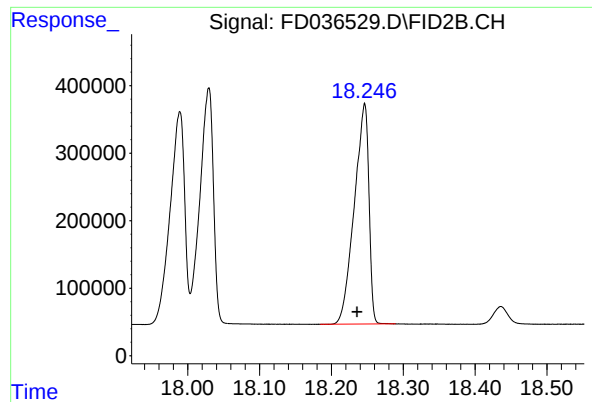
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: 0.009 min
Response: 4460633
Conc: 44.38 ug/ml



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

R.T.: 18.029 min
Delta R.T.: 0.007 min
Response: 4577998
Conc: 45.40 ug/ml



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

R.T.: 18.246 min
Delta R.T.: 0.010 min
Response: 4613096
Conc: 45.53 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 1