

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036554.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2021 3:09
 Operator : DD\AJ
 Sample : PB135356BS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 04:44:05 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	5347267	38.020 ug/ml
Spiked Amount 50.000		Recovery =	76.04%
6) S 2-Fluorobiphenyl (SURR)	8.455	3584201	38.183 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.37%
11) S ortho-Terphenyl (SURR)	11.495	4699590	30.771 ug/ml
Spiked Amount 50.000		Recovery =	61.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	3572378	24.371 ug/ml
2) T Naphthalene (C11.7)	5.931	4291321	27.305 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	4631942	29.472 ug/ml
5) T Acenaphthylene (C15.06)	8.258	4584939	30.599 ug/ml
7) T Acenaphthene (C15.5)	8.554	4771674	30.738 ug/ml
8) T Flouorene (C16.55)	9.334	4809390	31.944 ug/ml
9) T Phenanthrene (C19.36)	10.728	4681438	31.940 ug/ml
10) T Anthracene (C19.43)	10.803	4685213	32.364 ug/ml
12) T Fluoranthene (C21.85)	12.537	4495093	32.017 ug/ml
13) T Pyrene (C20.8)	12.834	4402429	32.087 ug/ml
14) T Benzo[a]anthracene (C...	14.701	3766795	31.718 ug/ml
15) T Chrysene (C27.41)	14.744	3824068	31.621 ug/ml
16) T benzo[b]fluoranthene ...	16.249	3498180	31.879 ug/ml
17) T Bnezo[k]fluoranthene ...	16.281	3305985	31.101 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.626	3321019	33.323 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	3006067	29.906 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	2987033	29.623 ug/ml
21) T Benzo[g,h,i]perylene ...	18.241	3023865	29.844 ug/ml

(f)=RT Delta > 1/2 Window

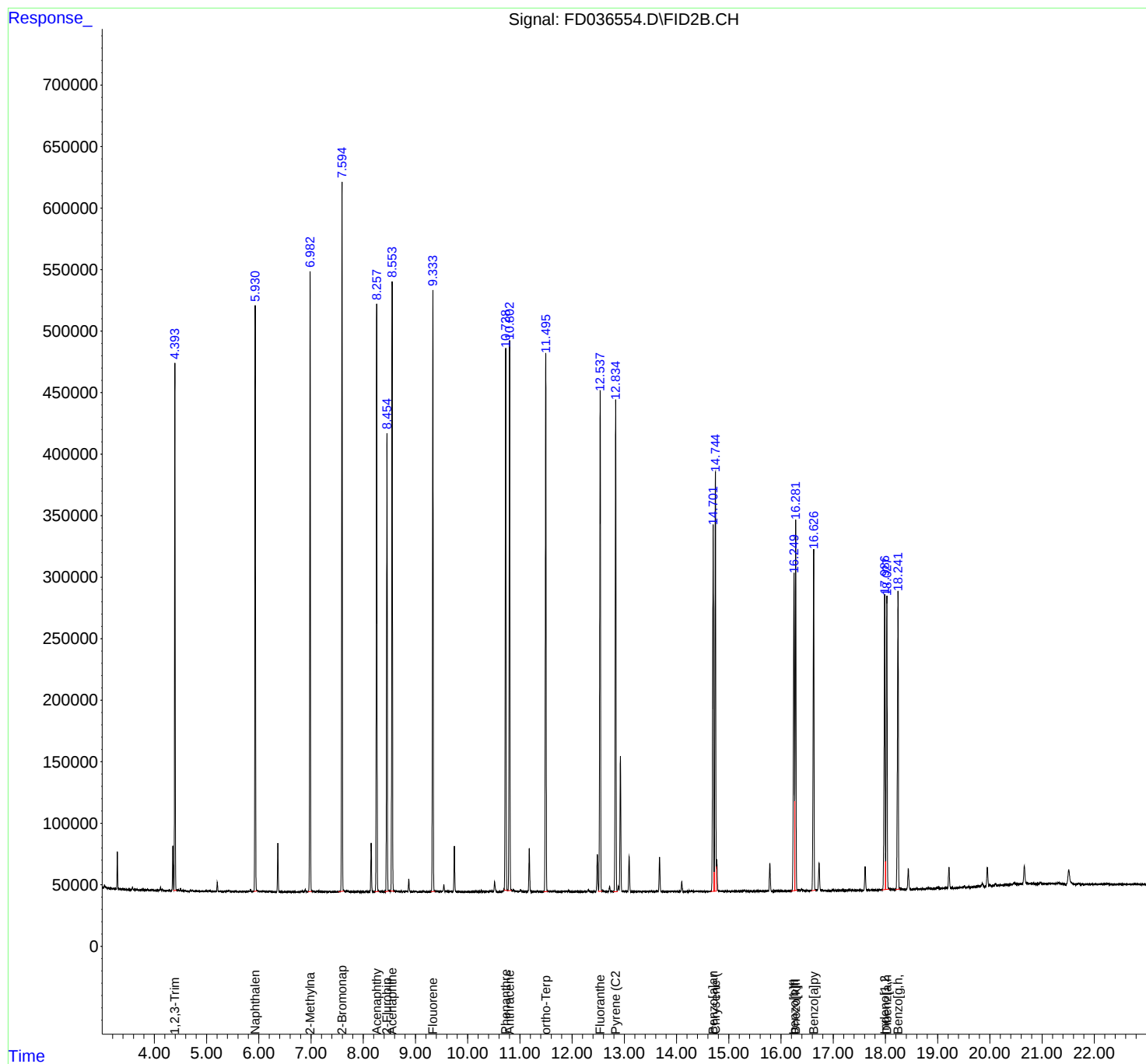
(m)=manual int.

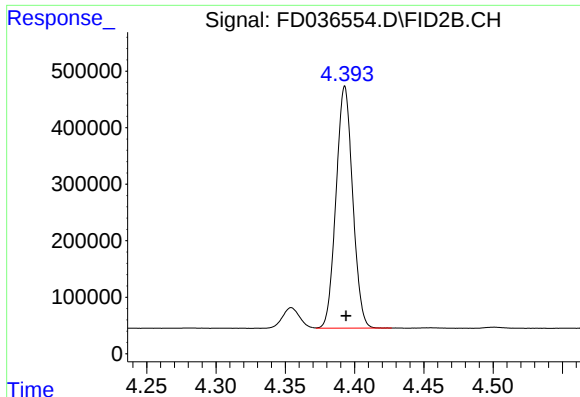
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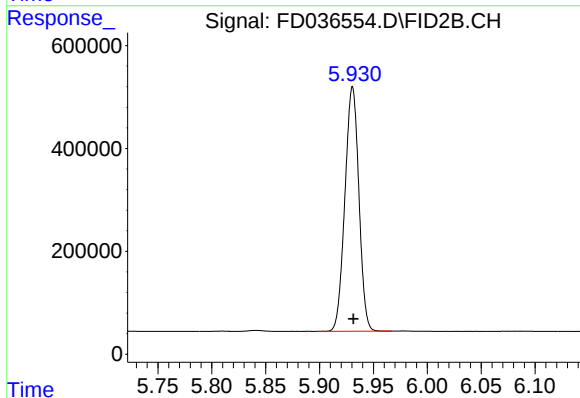




#1 1,2,3-Trimethylbenzene (C10.1)

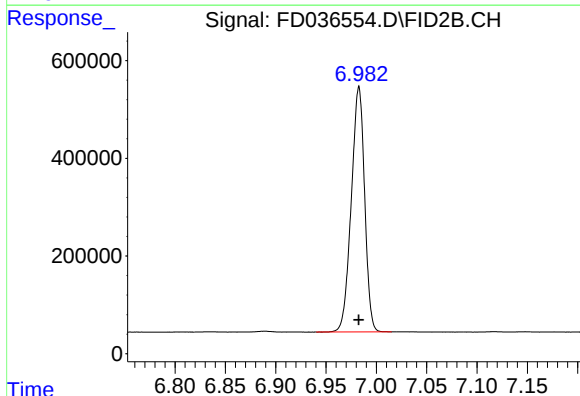
R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 3572378
Conc: 24.37 ug/ml

Instrument :
FID_D
ClientSampleId :



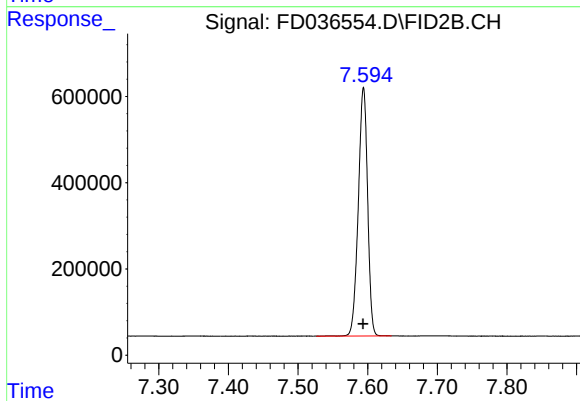
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 4291321
Conc: 27.31 ug/ml



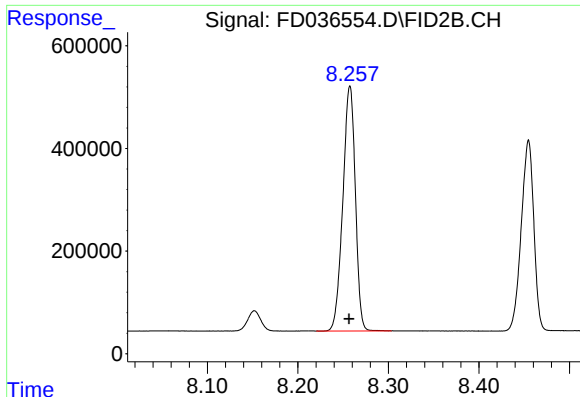
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 4631942
Conc: 29.47 ug/ml



#4 2-Bromonaphthalene (SURR)

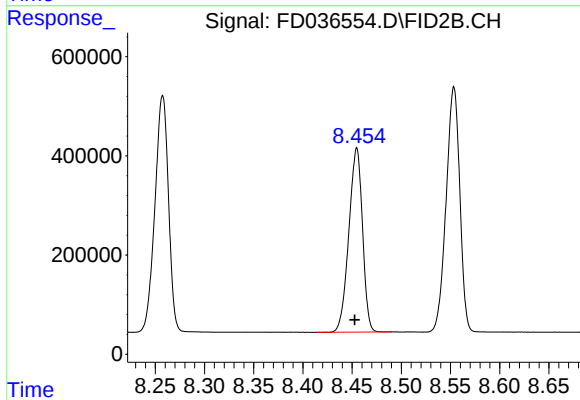
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 5347267
Conc: 38.02 ug/ml



#5 Acenaphthylene (C15.06)

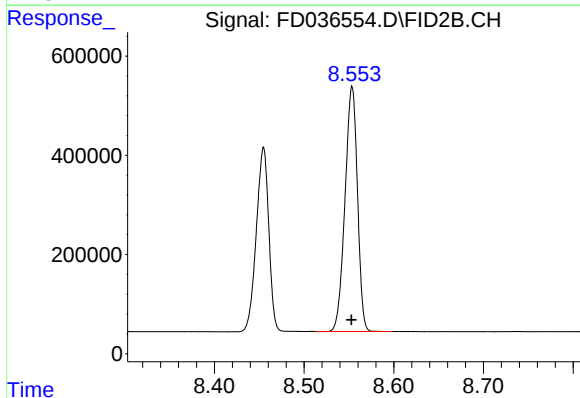
R.T.: 8.258 min
Delta R.T.: 0.001 min
Response: 4584939
Conc: 30.60 ug/ml

Instrument :
FID_D
ClientSampleId :



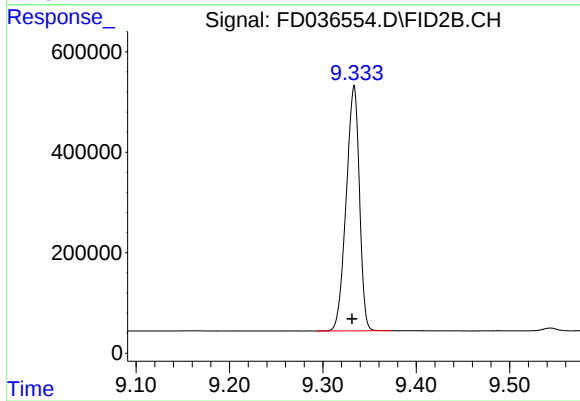
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: 0.002 min
Response: 3584201
Conc: 38.18 ug/ml



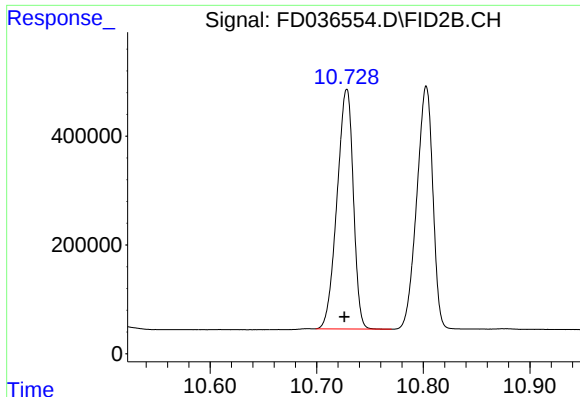
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 4771674
Conc: 30.74 ug/ml



#8 Flouorene (C16.55)

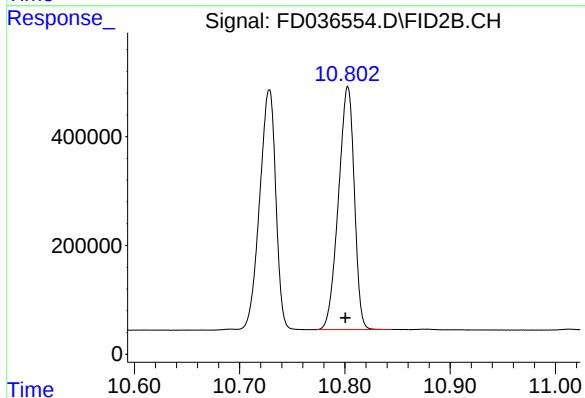
R.T.: 9.334 min
Delta R.T.: 0.002 min
Response: 4809390
Conc: 31.94 ug/ml



#9 Phenanthrene (C19.36)

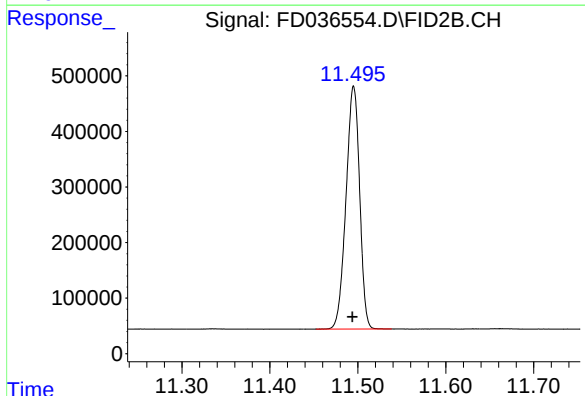
R.T.: 10.728 min
Delta R.T.: 0.002 min
Response: 4681438
Conc: 31.94 ug/ml

Instrument :
FID_D
ClientSampleId :



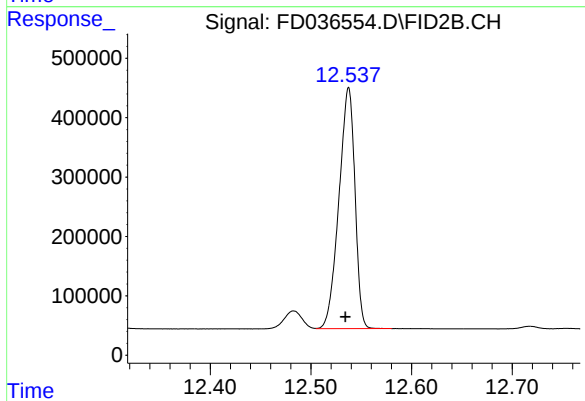
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: 0.003 min
Response: 4685213
Conc: 32.36 ug/ml



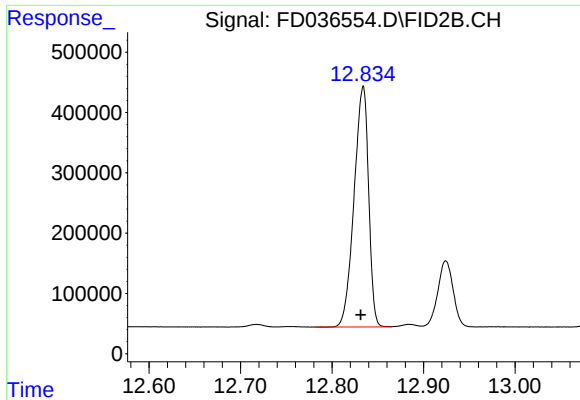
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.001 min
Response: 4699590
Conc: 30.77 ug/ml



#12 Fluoranthene (C21.85)

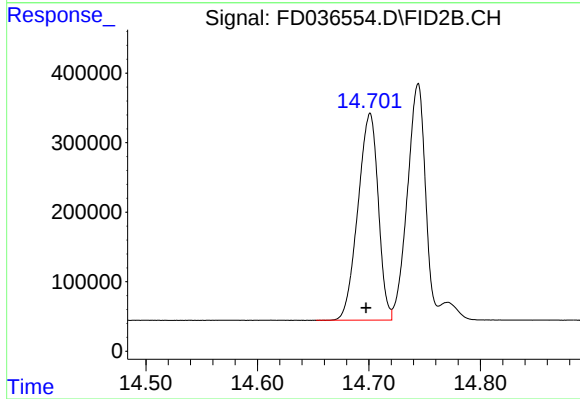
R.T.: 12.537 min
Delta R.T.: 0.003 min
Response: 4495093
Conc: 32.02 ug/ml



#13 Pyrene (C20.8)

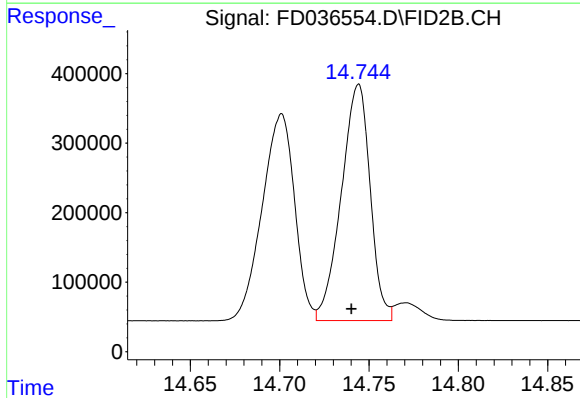
R.T.: 12.834 min
Delta R.T.: 0.003 min
Response: 4402429
Conc: 32.09 ug/ml

Instrument :
FID_D
ClientSampleId :



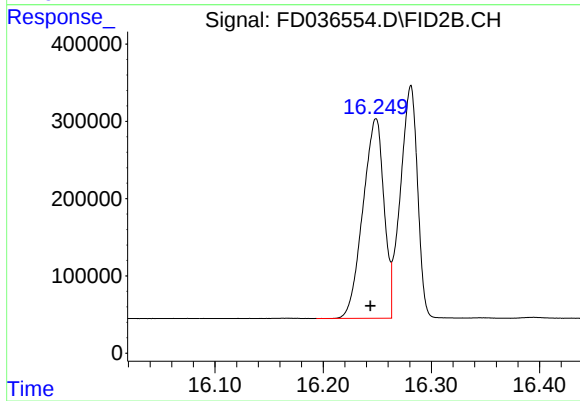
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: 0.003 min
Response: 3766795
Conc: 31.72 ug/ml



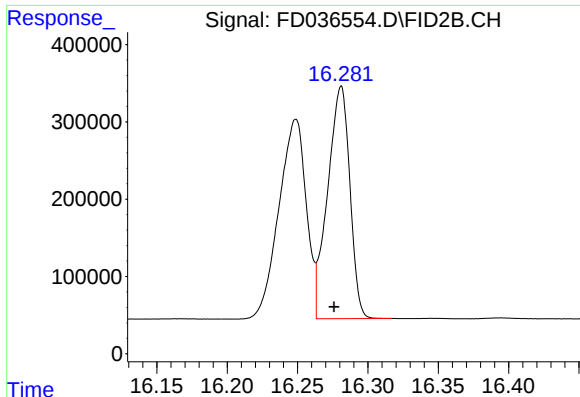
#15 Chrysene (C27.41)

R.T.: 14.744 min
Delta R.T.: 0.004 min
Response: 3824068
Conc: 31.62 ug/ml



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

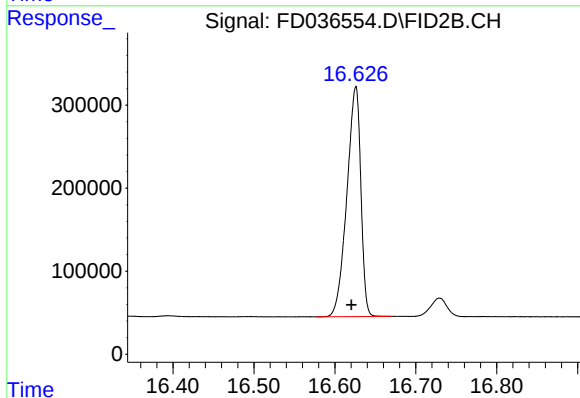
R.T.: 16.249 min
Delta R.T.: 0.005 min
Response: 3498180
Conc: 31.88 ug/ml



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

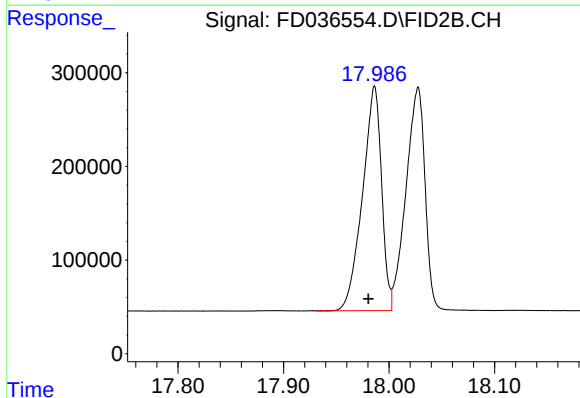
R.T.: 16.281 min
Delta R.T.: 0.005 min
Response: 3305985
Conc: 31.10 ug/ml

Instrument :
FID_D
ClientSampleId :



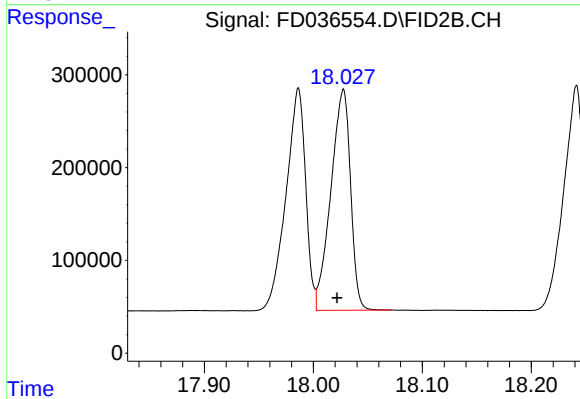
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.626 min
Delta R.T.: 0.005 min
Response: 3321019
Conc: 33.32 ug/ml



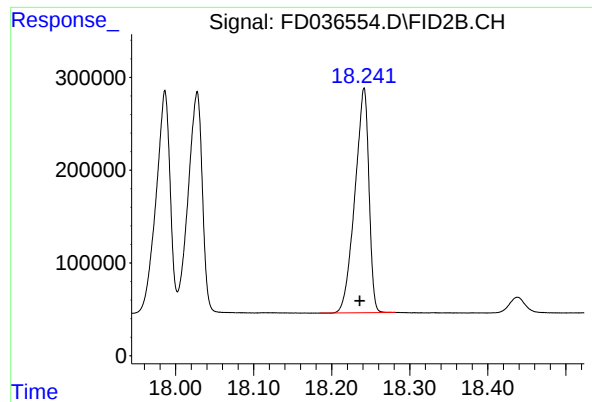
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.006 min
Response: 3006067
Conc: 29.91 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 2987033
Conc: 29.62 ug/ml



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

R.T.: 18.241 min
Delta R.T.: 0.006 min
Response: 3023865
Conc: 29.84 ug/ml

Instrument :
FID_D
ClientSampleId :