

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036564.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2021 11:22
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 11:46:45 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...	7.592	3128693	22.246 ug/ml
Spiked Amount 50.000		Recovery =	44.49%
6) S 2-Fluorobiphenyl (SURR)	8.452	2081233	22.172 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.34%
11) S ortho-Terphenyl (SURR)	11.494	3316580	21.715 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	3285043	22.411 ug/ml
2) T Naphthalene (C11.7)	5.930	3502583	22.286 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	3492583	22.222 ug/ml
5) T Acenaphthylene (C15.06)	8.256	3324297	22.186 ug/ml
7) T Acenaphthene (C15.5)	8.552	3438149	22.148 ug/ml
8) T Flouorene (C16.55)	9.331	3312790	22.003 ug/ml
9) T Phenanthrene (C19.36)	10.726	3191571	21.775 ug/ml
10) T Anthracene (C19.43)	10.800	3073245	21.229 ug/ml
12) T Fluoranthene (C21.85)	12.534	2991788	21.310 ug/ml
13) T Pyrene (C20.8)	12.831	2915081	21.247 ug/ml
14) T Benzo[a]anthracene (C...	14.698	2502870	21.075 ug/ml
15) T Chrysene (C27.41)	14.741	2593722	21.448 ug/ml
16) T benzo[b]fluoranthene ...	16.244	2283654	20.811 ug/ml
17) T Bnezo[k]fluoranthene ...	16.277	2233427	21.011 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	2056482	20.635 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	2066402	20.557 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	2145104	21.274 ug/ml
21) T Benzo[g,h,i]perylene ...	18.237	2100236	20.728 ug/ml

(f)=RT Delta > 1/2 Window

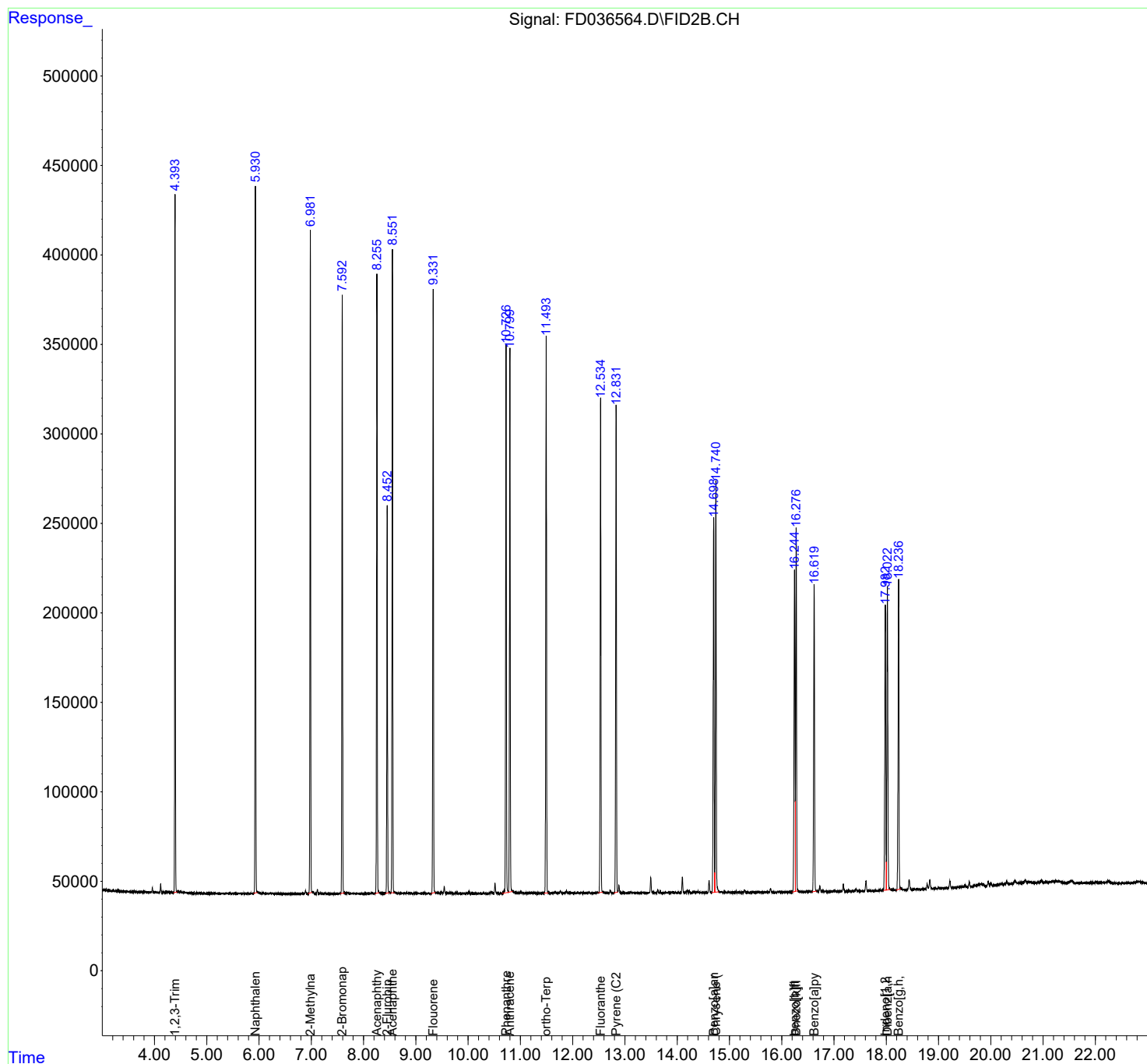
(m)=manual int.

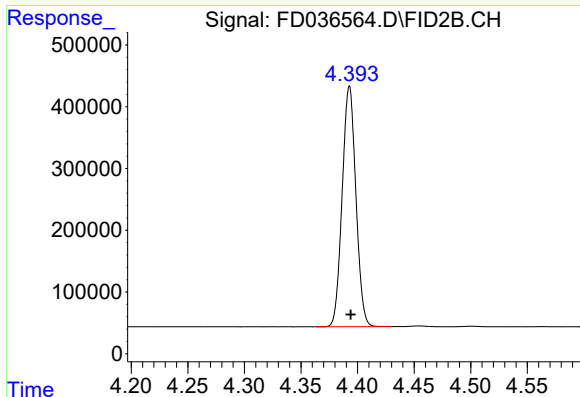
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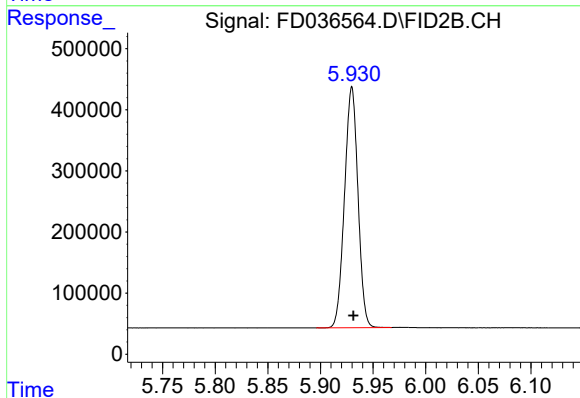




#1 1,2,3-Trimethylbenzene (C10.1)

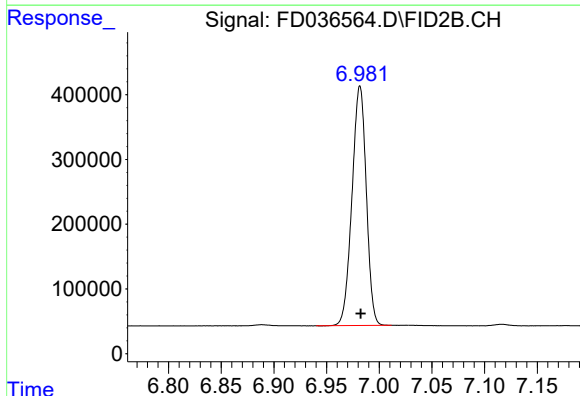
R.T.: 4.393 min
Delta R.T.: -0.001 min
Response: 3285043
Conc: 22.41 ug/ml

Instrument :
FID_D
ClientSampleId :



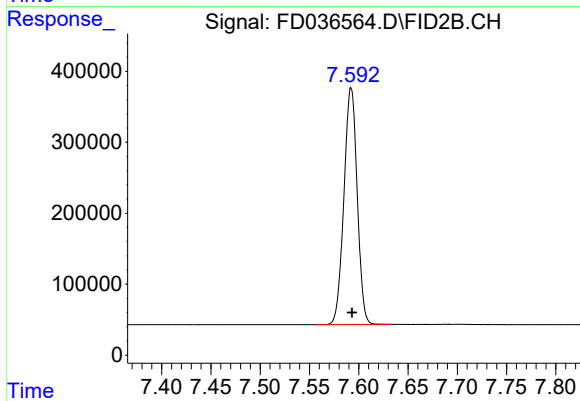
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 3502583
Conc: 22.29 ug/ml



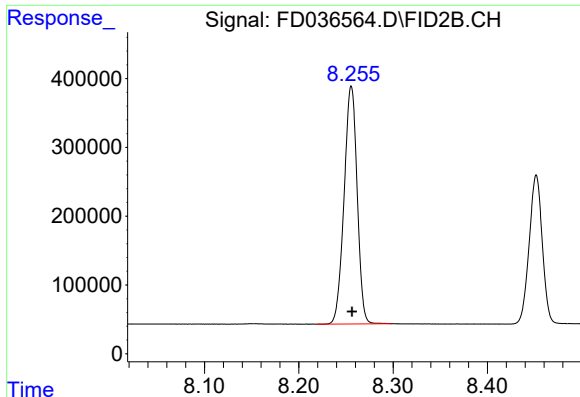
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 3492583
Conc: 22.22 ug/ml



#4 2-Bromonaphthalene (SURR)

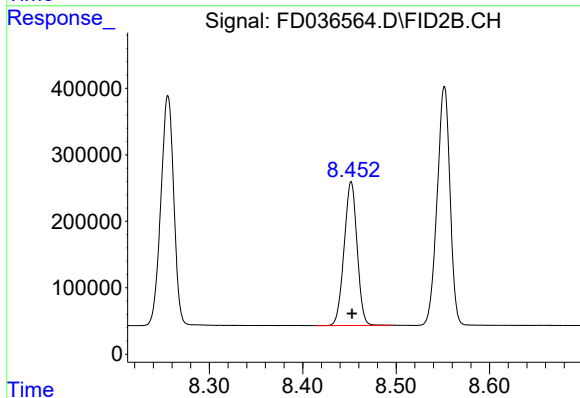
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 3128693
Conc: 22.25 ug/ml



#5 Acenaphthylene (C15.06)

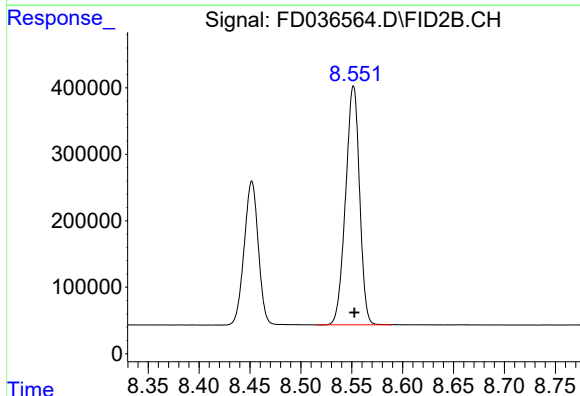
R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 3324297
Conc: 22.19 ug/ml

Instrument :
FID_D
ClientSampleId :



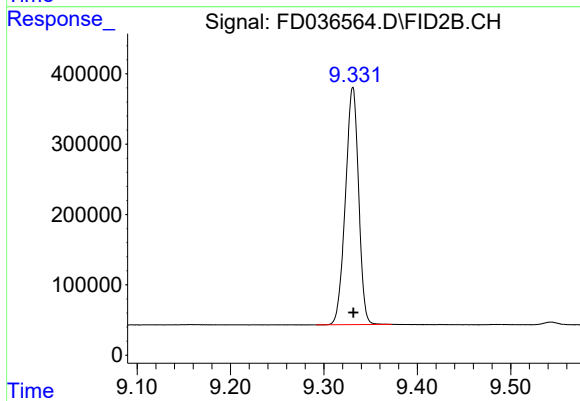
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 2081233
Conc: 22.17 ug/ml



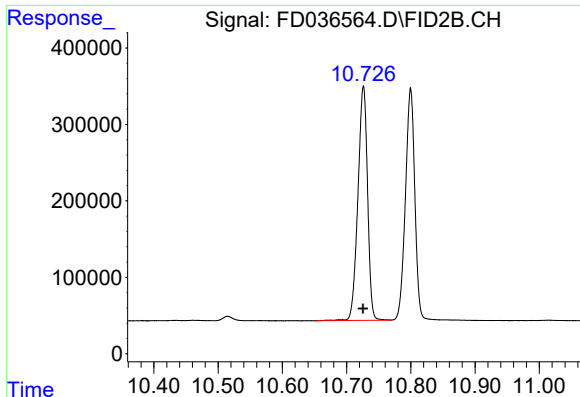
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 3438149
Conc: 22.15 ug/ml



#8 Flouorene (C16.55)

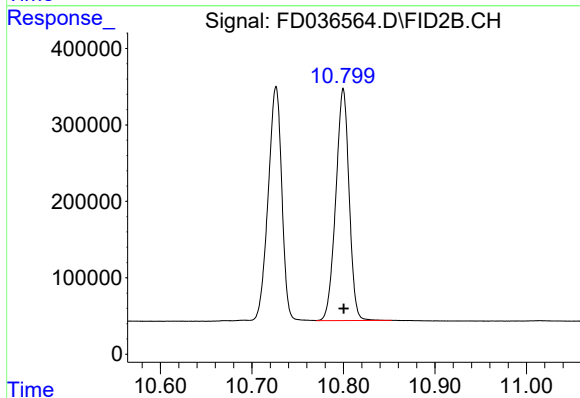
R.T.: 9.331 min
Delta R.T.: 0.000 min
Response: 3312790
Conc: 22.00 ug/ml



#9 Phenanthrene (C19.36)

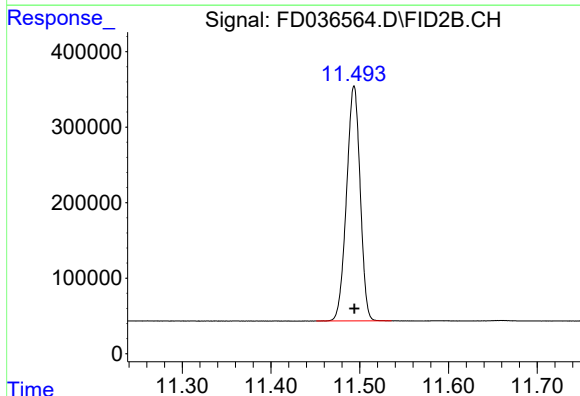
R.T.: 10.726 min
Delta R.T.: 0.000 min
Response: 3191571
Conc: 21.77 ug/ml

Instrument :
FID_D
ClientSampleId :



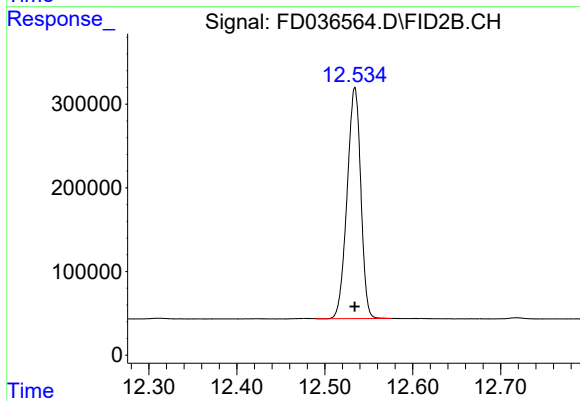
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: 0.000 min
Response: 3073245
Conc: 21.23 ug/ml



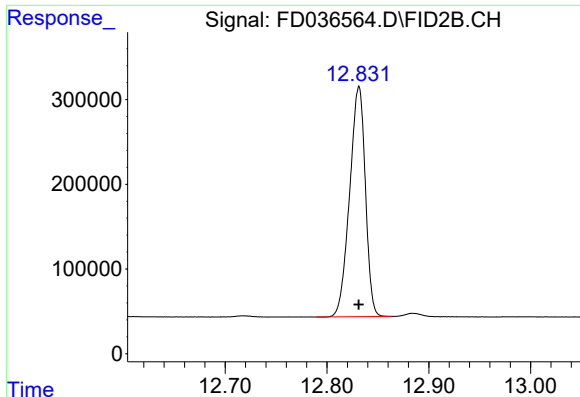
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 3316580
Conc: 21.72 ug/ml



#12 Fluoranthene (C21.85)

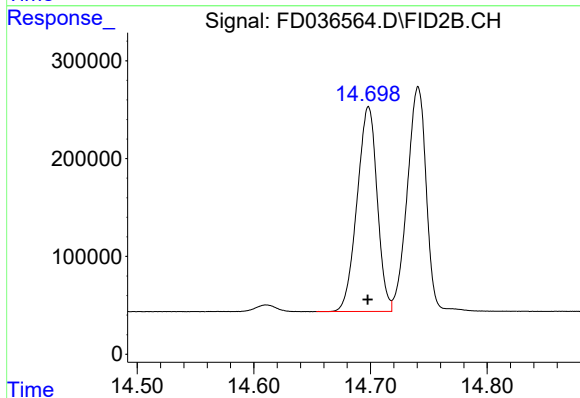
R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 2991788
Conc: 21.31 ug/ml



#13 Pyrene (C20.8)

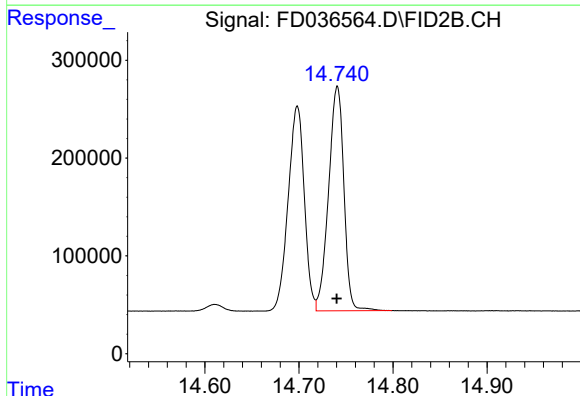
R.T.: 12.831 min
Delta R.T.: 0.000 min
Response: 2915081
Conc: 21.25 ug/ml

Instrument :
FID_D
ClientSampleId :



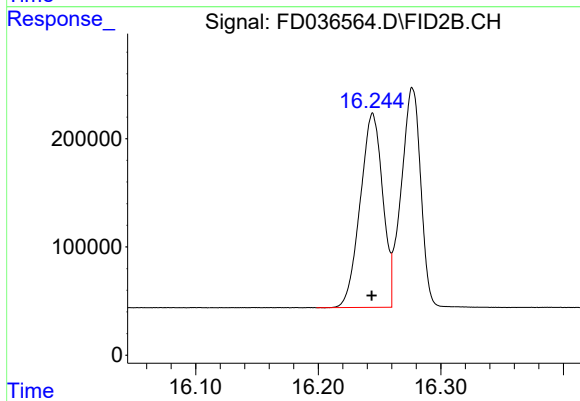
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: 0.000 min
Response: 2502870
Conc: 21.08 ug/ml



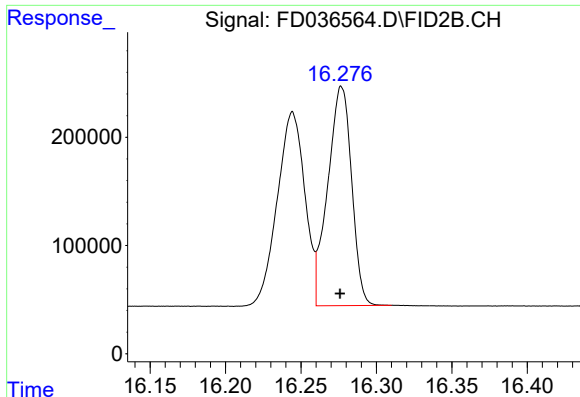
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: 0.000 min
Response: 2593722
Conc: 21.45 ug/ml



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

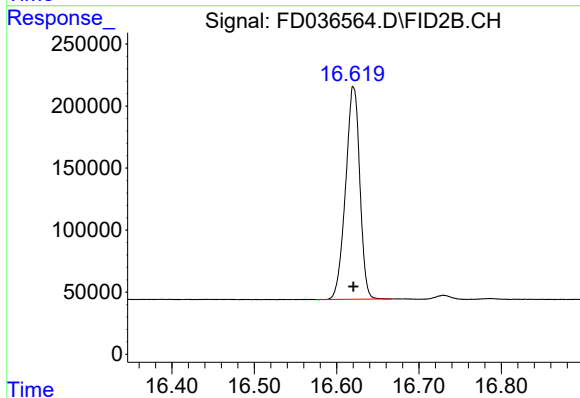
R.T.: 16.244 min
Delta R.T.: 0.000 min
Response: 2283654
Conc: 20.81 ug/ml



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

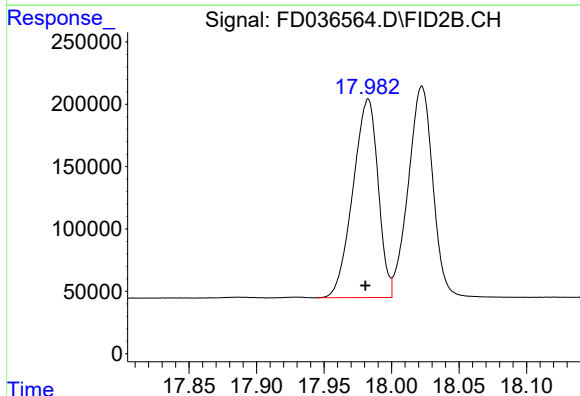
R.T.: 16.277 min
Delta R.T.: 0.001 min
Response: 2233427
Conc: 21.01 ug/ml

Instrument :
FID_D
ClientSampleId :



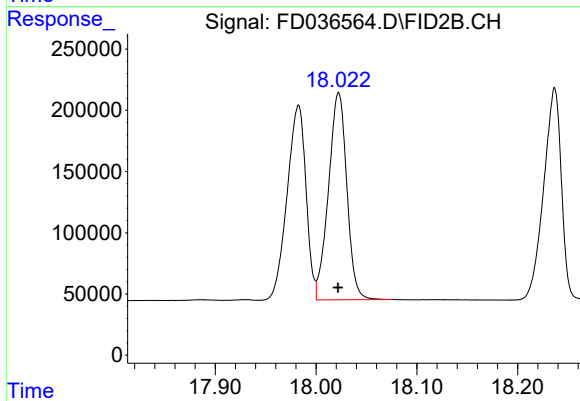
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 2056482
Conc: 20.63 ug/ml



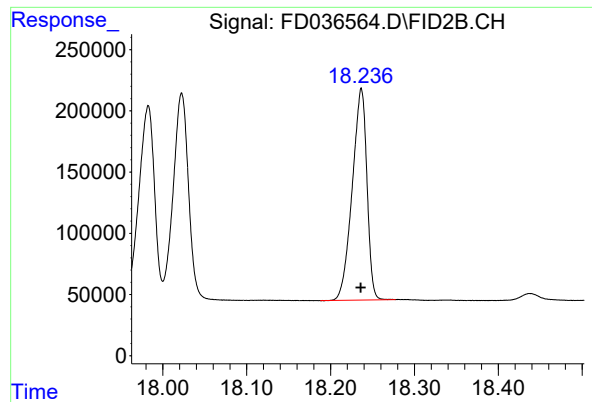
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: 0.002 min
Response: 2066402
Conc: 20.56 ug/ml



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

R.T.: 18.023 min
Delta R.T.: 0.000 min
Response: 2145104
Conc: 21.27 ug/ml



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

R.T.: 18.237 min
Delta R.T.: 0.000 min
Response: 2100236
Conc: 20.73 ug/ml

Instrument :
FID_D
ClientSampleId :