

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AR\
 Data File : FD036523.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 10:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Mar 24 11:19:30 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...	7.593	2984184	21.218 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
6) S 2-Fluorobiphenyl (SURR)	8.452	2005065	21.360 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.72%
11) S ortho-Terphenyl (SURR)	11.492	3233794	21.173 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	3093404	21.103 ug/ml
2) T Naphthalene (C11.7)	5.931	3324647	21.154 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	3331606	21.198 ug/ml
5) T Acenaphthylene (C15.06)	8.257	3200700	21.361 ug/ml
7) T Acenaphthene (C15.5)	8.552	3303965	21.284 ug/ml
8) T Fluorene (C16.55)	9.331	3215299	21.356 ug/ml
9) T Phenanthrene (C19.36)	10.724	3134690	21.387 ug/ml
10) T Anthracene (C19.43)	10.799	3093099	21.366 ug/ml
12) T Fluoranthene (C21.85)	12.532	2983348	21.250 ug/ml
13) T Pyrene (C20.8)	12.828	2904523	21.170 ug/ml
14) T Benzo[a]anthracene (C...	14.696	2507742	21.116 ug/ml
15) T Chrysene (C27.41)	14.739	2560051	21.169 ug/ml
16) T benzo[b]fluoranthene ...	16.241	2257961	20.577 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	2187405	20.578 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	2026919	20.338 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	1978455	19.683 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2003918	19.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	1997721	19.717 ug/ml

(f)=RT Delta > 1/2 Window

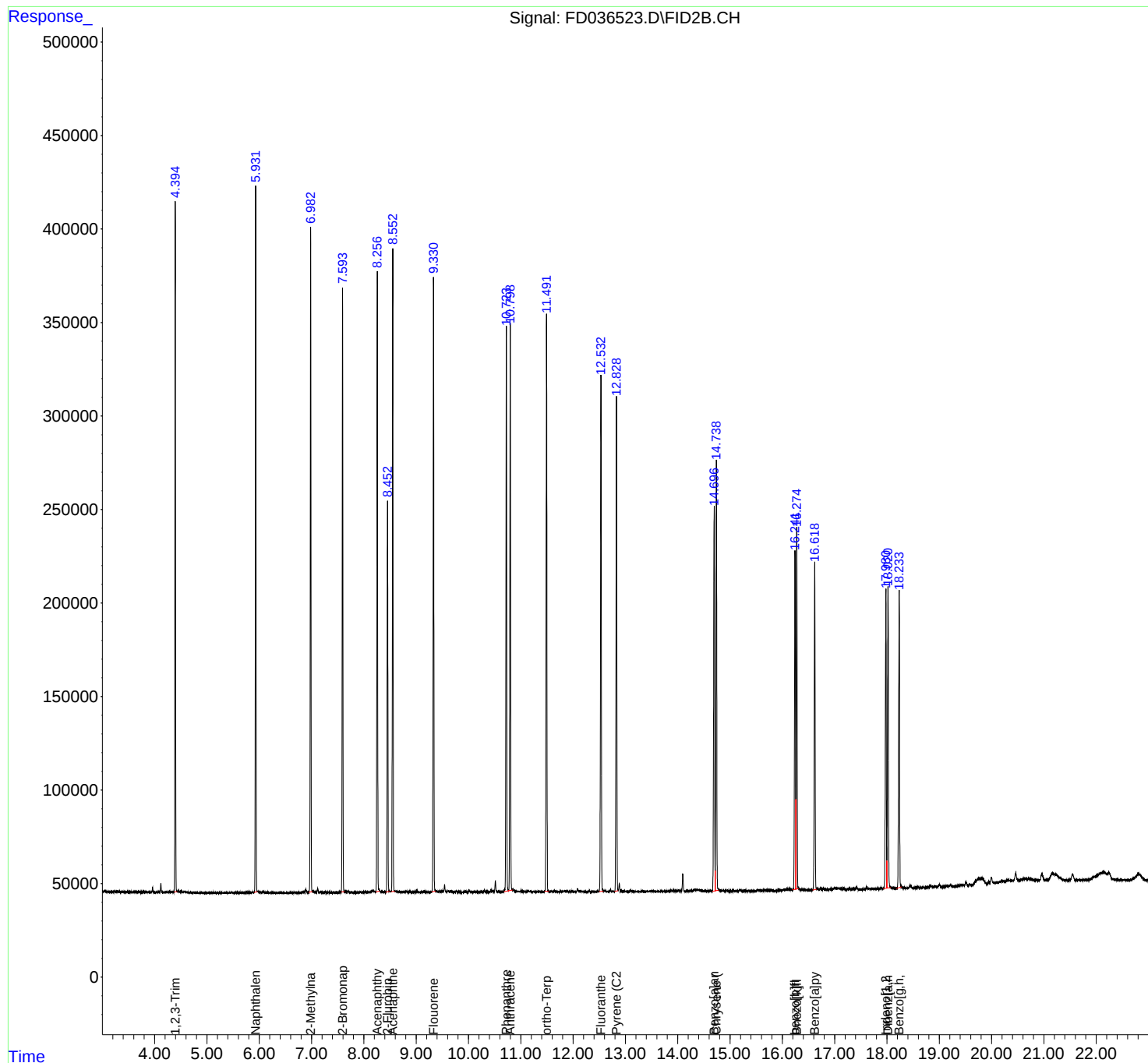
(m)=manual int.

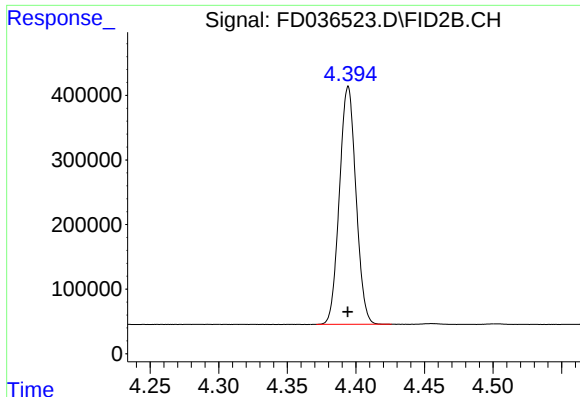
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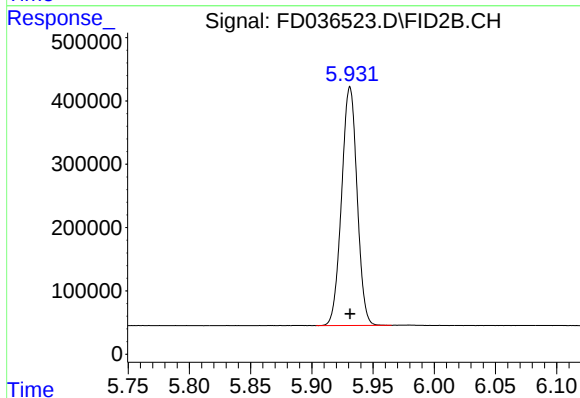




#1 1,2,3-Trimethylbenzene (C10.1)

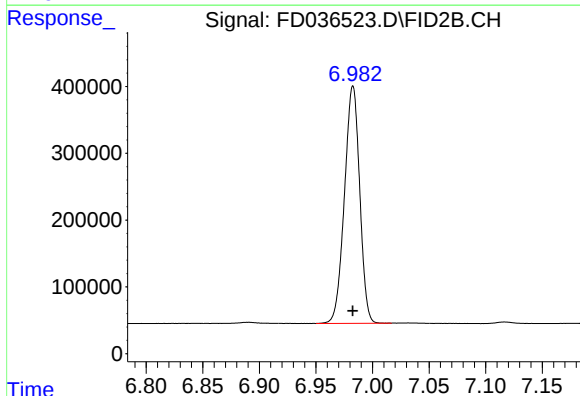
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 3093404
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



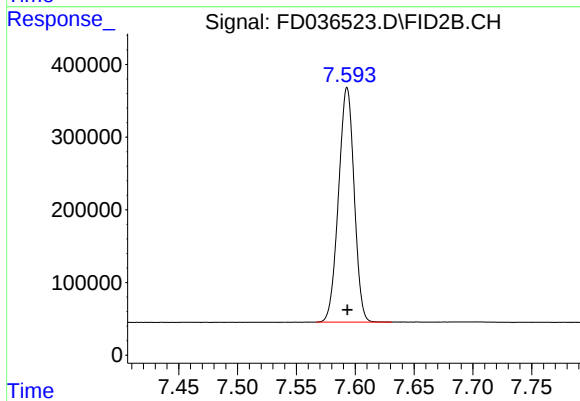
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 3324647
Conc: 21.15 ug/ml



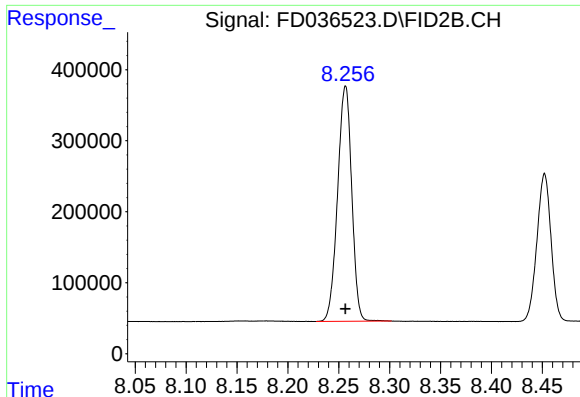
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 3331606
Conc: 21.20 ug/ml



#4 2-Bromonaphthalene (SURR)

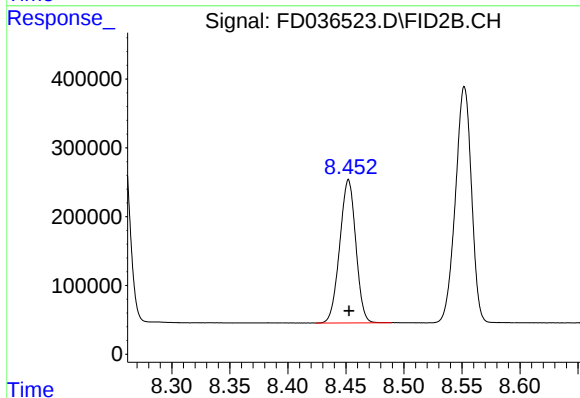
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 2984184
Conc: 21.22 ug/ml



#5 Acenaphthylene (C15.06)

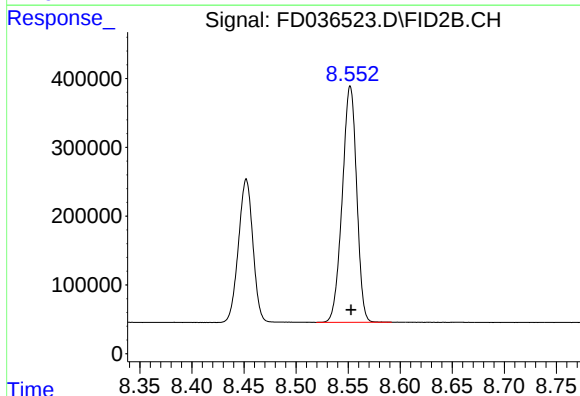
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 3200700
Conc: 21.36 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



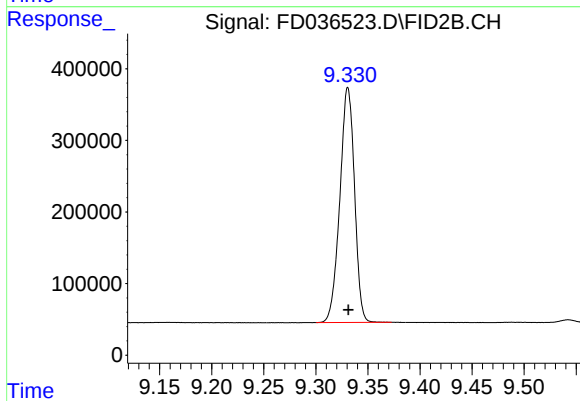
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 2005065
Conc: 21.36 ug/ml



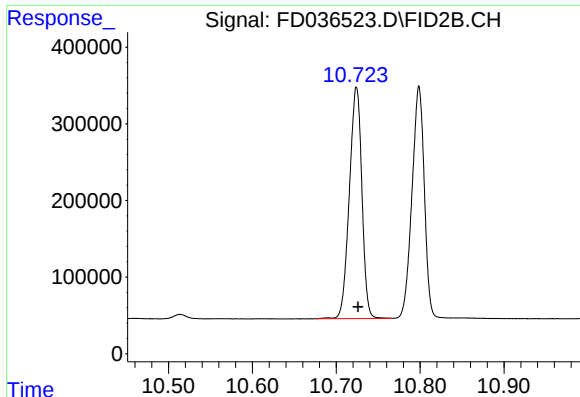
#7 Acenaphthene (C15.5)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 3303965
Conc: 21.28 ug/ml



#8 Flouorene (C16.55)

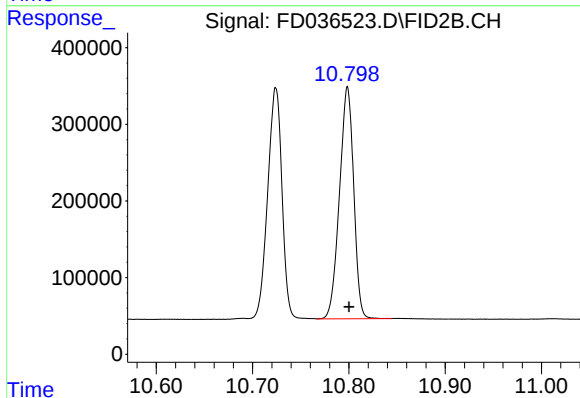
R.T.: 9.331 min
Delta R.T.: 0.000 min
Response: 3215299
Conc: 21.36 ug/ml



#9 Phenanthrene (C19.36)

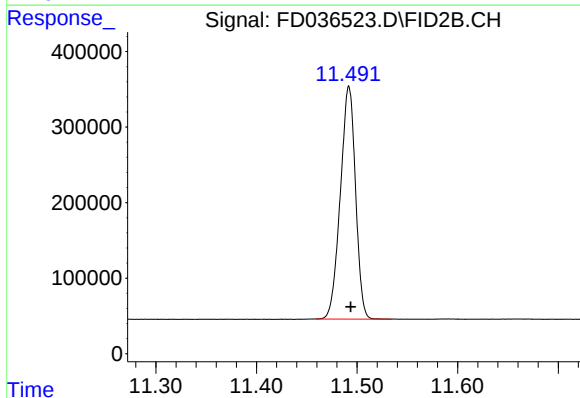
R.T.: 10.724 min
Delta R.T.: -0.002 min
Response: 3134690
Conc: 21.39 ug/ml

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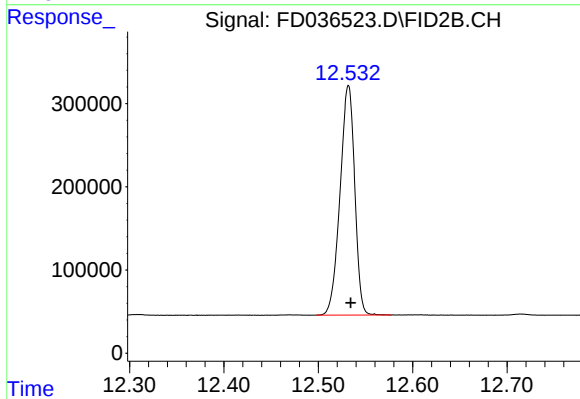
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: -0.002 min
Response: 3093099
Conc: 21.37 ug/ml



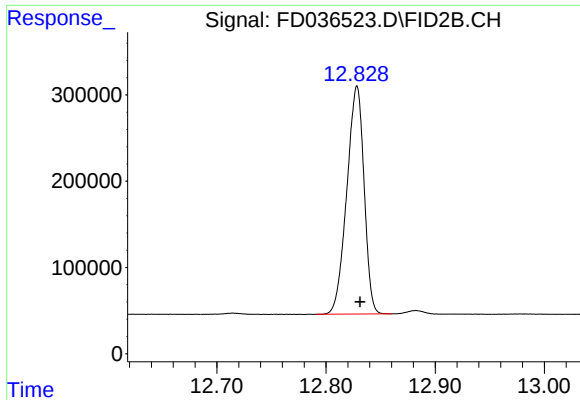
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 3233794
Conc: 21.17 ug/ml



#12 Fluoranthene (C21.85)

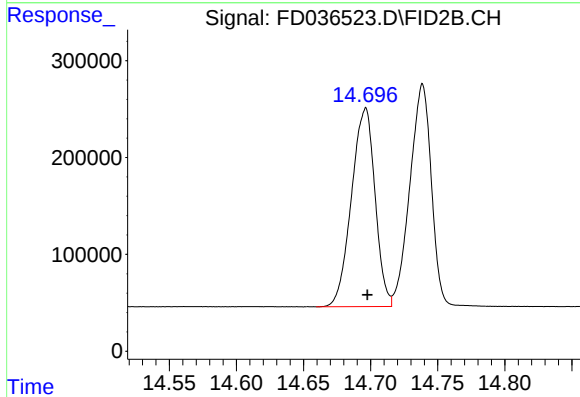
R.T.: 12.532 min
Delta R.T.: -0.002 min
Response: 2983348
Conc: 21.25 ug/ml



#13 Pyrene (C20.8)

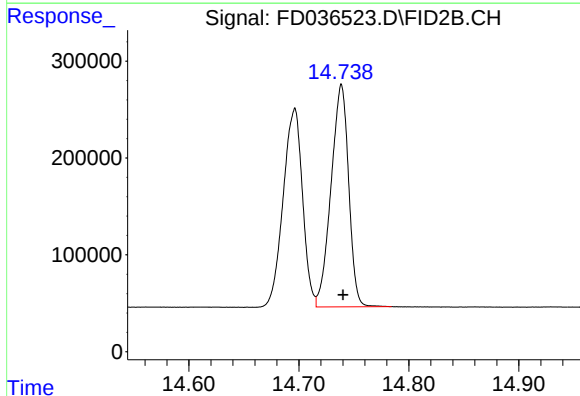
R.T.: 12.828 min
Delta R.T.: -0.003 min
Response: 2904523
Conc: 21.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



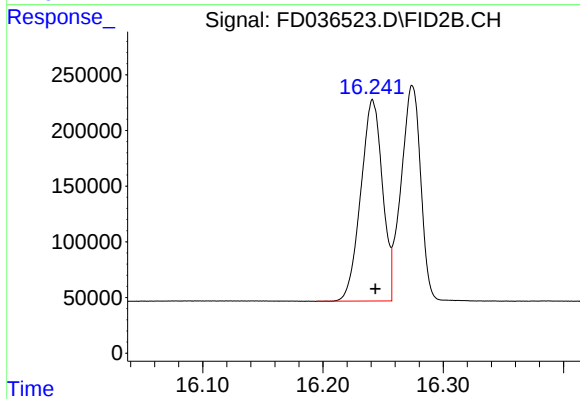
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.696 min
Delta R.T.: -0.001 min
Response: 2507742
Conc: 21.12 ug/ml



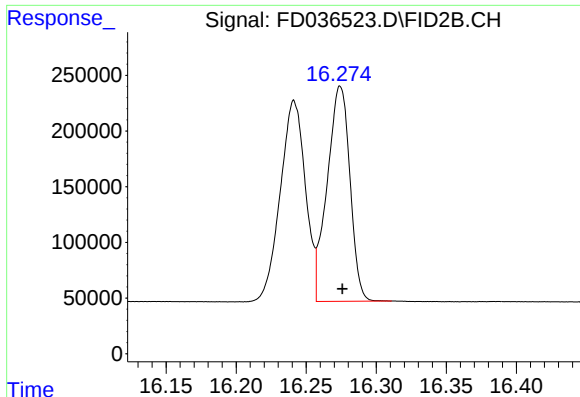
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: -0.001 min
Response: 2560051
Conc: 21.17 ug/ml



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

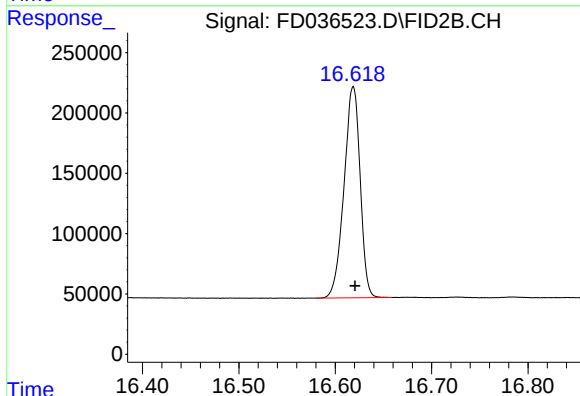
R.T.: 16.241 min
Delta R.T.: -0.002 min
Response: 2257961
Conc: 20.58 ug/ml



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

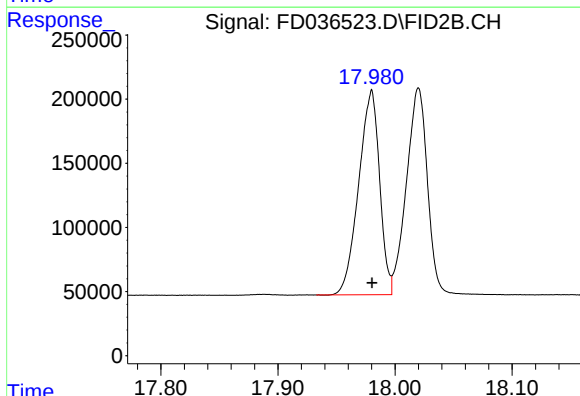
R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 2187405
Conc: 20.58 ug/ml

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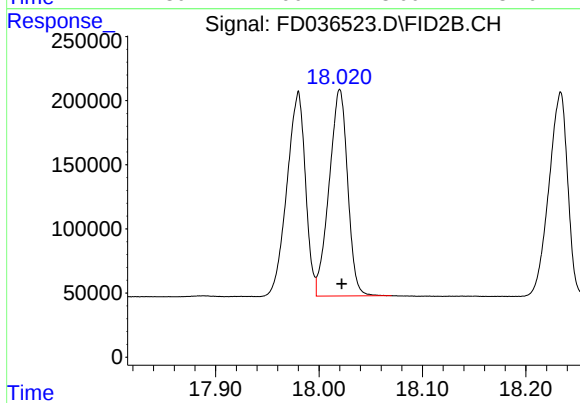
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: -0.002 min
Response: 2026919
Conc: 20.34 ug/ml



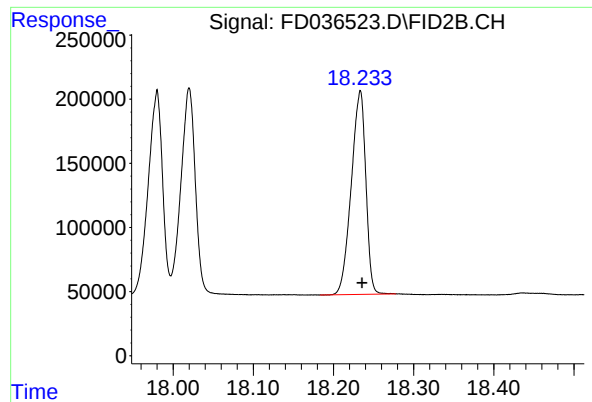
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 1978455
Conc: 19.68 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2003918
Conc: 19.87 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.002 min
Response: 1997721
Conc: 19.72 ug/ml

Instrument :
FID_D
ClientSampleId :
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