

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039914.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 12:16
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 12:57:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 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...	6.911	2876670	20.233 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
6) S 2-Fluorobiphenyl (SURR)	7.766	1953363	19.883 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.77%
11) S ortho-Terphenyl (SURR)	10.809	2980139	19.576 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.747	1256039	8.294 ug/ml
2) T Naphthalene (C11.7)	5.256	3260030	20.285 ug/ml
3) T 2-Methylnaphthalene (...)	6.301	3275320	20.158 ug/ml
5) T Acenaphthylene (C15.06)	7.571	2986632	19.965 ug/ml
7) T Acenaphthene (C15.5)	7.866	3158261	19.878 ug/ml
8) T Flouorene (C16.55)	8.645	3112240	19.780 ug/ml
9) T Phenanthrene (C19.36)	10.111	2920672	18.824 ug/ml
10) T Anthracene (C19.43)	10.111	2920672	19.568 ug/ml
12) T Fluoranthene (C21.85)	11.845	2966715	19.396 ug/ml
13) T Pyrene (C20.8)	12.194	48393	0.325 ug/ml
14) T Benzo[a]anthracene (C...	14.052	2568023	19.033 ug/ml
15) T Chrysene (C27.41)	14.052	2568023	18.262 ug/ml
16) T benzo[b]fluoranthene ...	15.589	2644554	19.713 ug/ml
17) T Bnezo[k]fluoranthene ...	15.589	2644554	19.545 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.933	2586242	19.947 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.337	2563143	20.927 ug/ml
20) T Dibenz[a,h]anthracene...	17.337	2563143	20.904 ug/ml
21) T Benzo[g,h,i]perylene ...	17.549	2451748	19.626 ug/ml

(f)=RT Delta > 1/2 Window

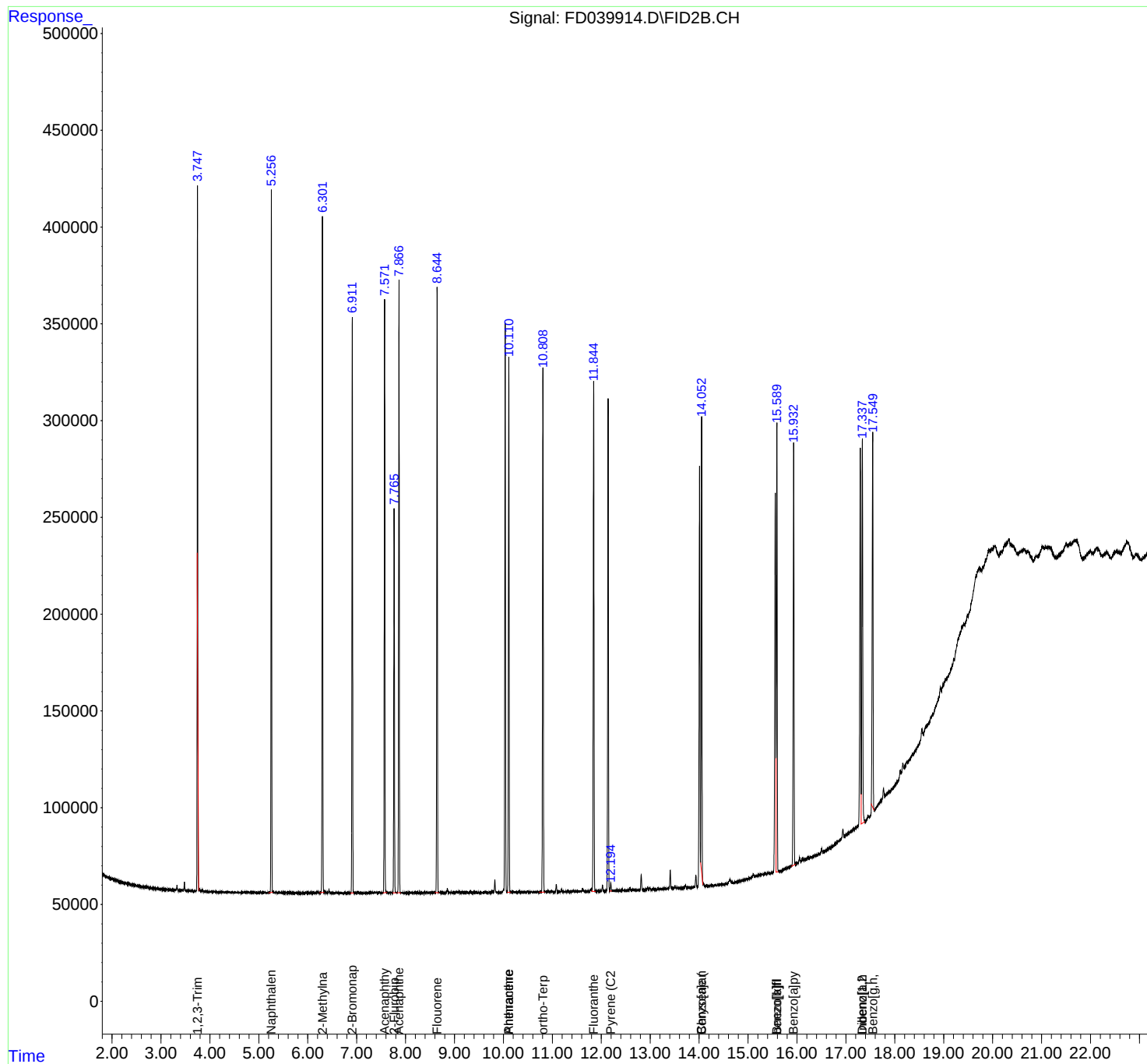
(m)=manual int.

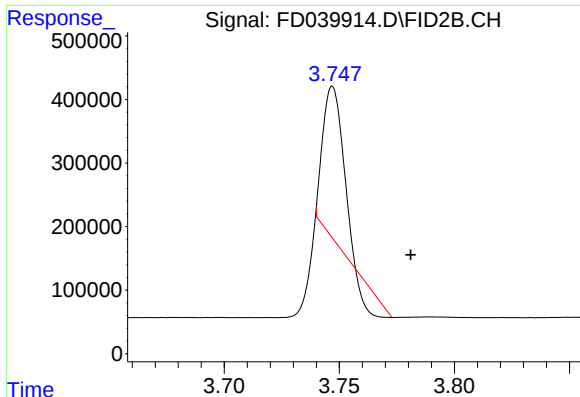
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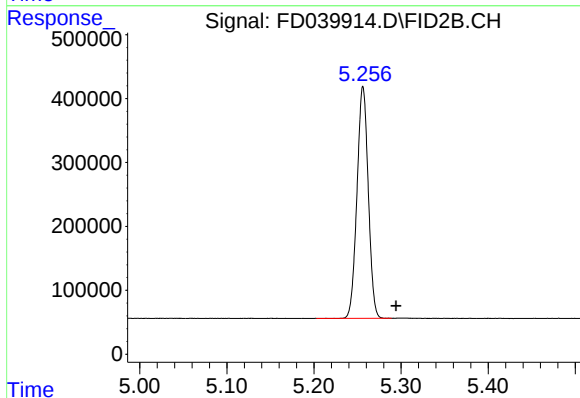




#1 1,2,3-Trimethylbenzene (C10.1)

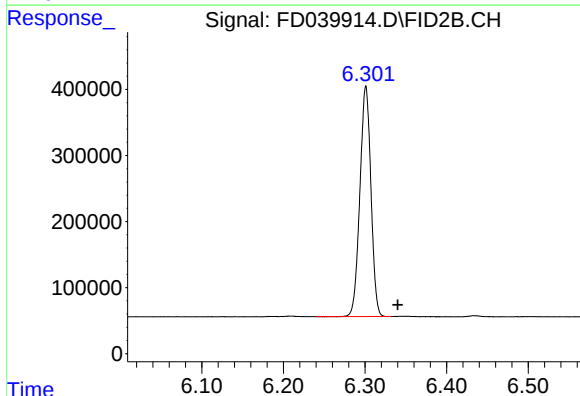
R.T.: 3.747 min
Delta R.T.: -0.034 min
Response: 1256039
Conc: 8.29 ug/ml

Instrument :
FID_D
ClientSampleId :



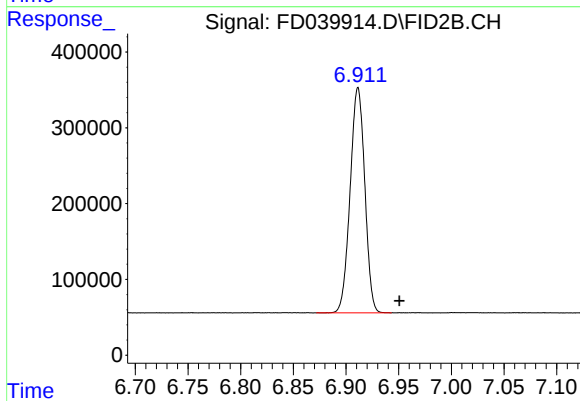
#2 Naphthalene (C11.7)

R.T.: 5.256 min
Delta R.T.: -0.038 min
Response: 3260030
Conc: 20.28 ug/ml



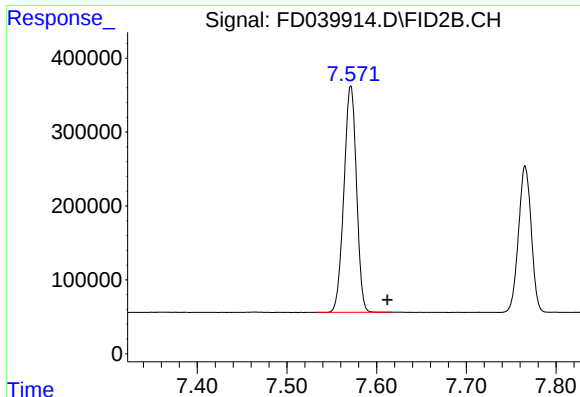
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.301 min
Delta R.T.: -0.039 min
Response: 3275320
Conc: 20.16 ug/ml



#4 2-Bromonaphthalene (SURR)

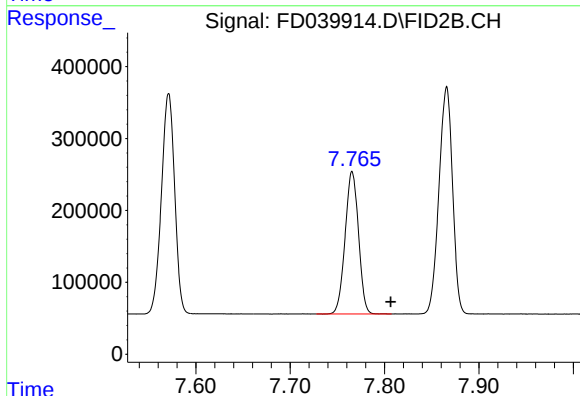
R.T.: 6.911 min
Delta R.T.: -0.039 min
Response: 2876670
Conc: 20.23 ug/ml



#5 Acenaphthylene (C15.06)

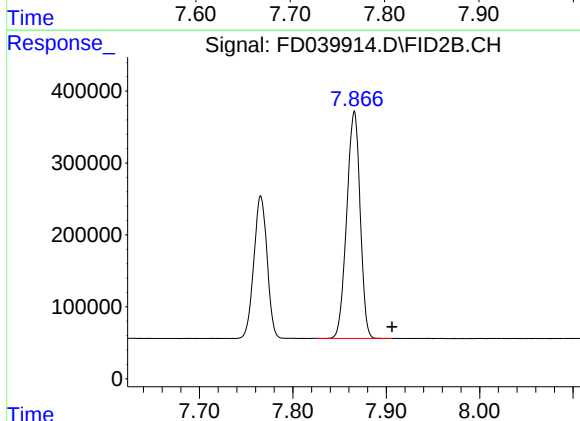
R.T.: 7.571 min
Delta R.T.: -0.041 min
Response: 2986632
Conc: 19.96 ug/ml

Instrument :
FID_D
ClientSampleId :



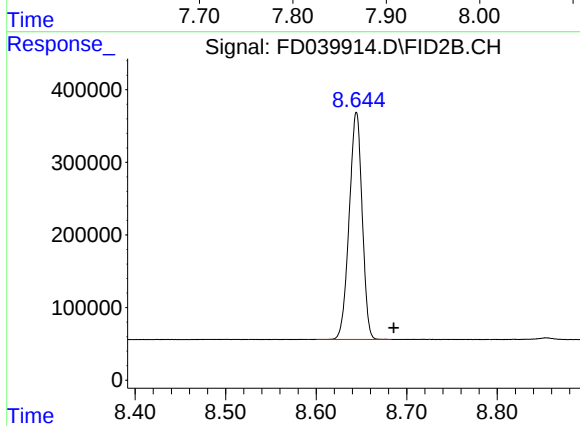
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.766 min
Delta R.T.: -0.041 min
Response: 1953363
Conc: 19.88 ug/ml



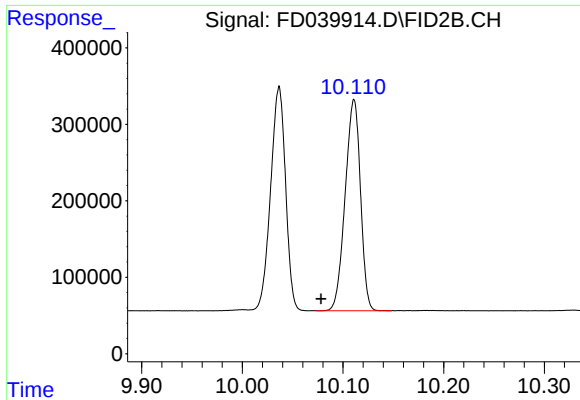
#7 Acenaphthene (C15.5)

R.T.: 7.866 min
Delta R.T.: -0.040 min
Response: 3158261
Conc: 19.88 ug/ml



#8 Fluorene (C16.55)

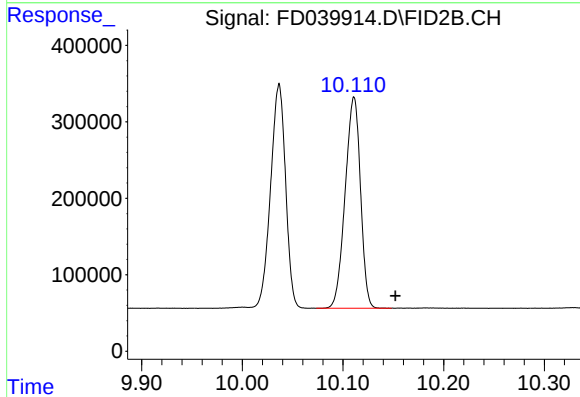
R.T.: 8.645 min
Delta R.T.: -0.041 min
Response: 3112240
Conc: 19.78 ug/ml



#9 Phenanthrene (C19.36)

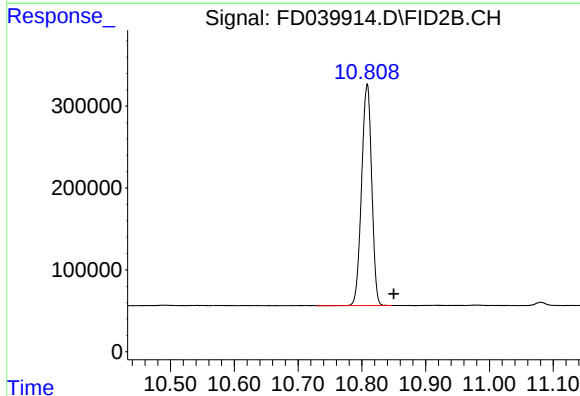
R.T.: 10.111 min
Delta R.T.: 0.033 min
Response: 2920672
Conc: 18.82 ug/ml

Instrument :
FID_D
ClientSampleId :



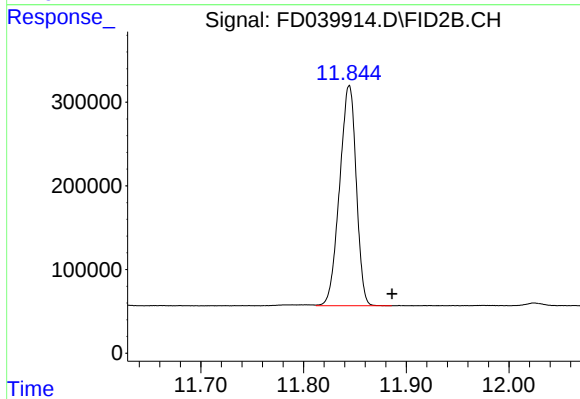
#10 Anthracene (C19.43)

R.T.: 10.111 min
Delta R.T.: -0.041 min
Response: 2920672
Conc: 19.57 ug/ml



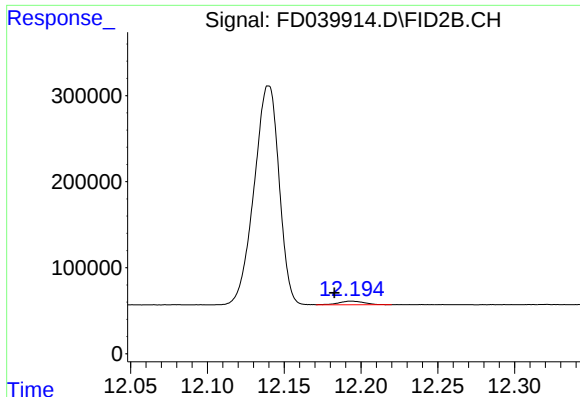
#11 ortho-Terphenyl (SURR)

R.T.: 10.809 min
Delta R.T.: -0.041 min
Response: 2980139
Conc: 19.58 ug/ml



#12 Fluoranthene (C21.85)

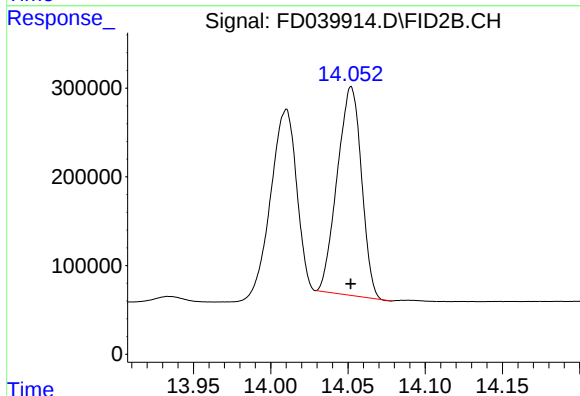
R.T.: 11.845 min
Delta R.T.: -0.042 min
Response: 2966715
Conc: 19.40 ug/ml



#13 Pyrene (C20.8)

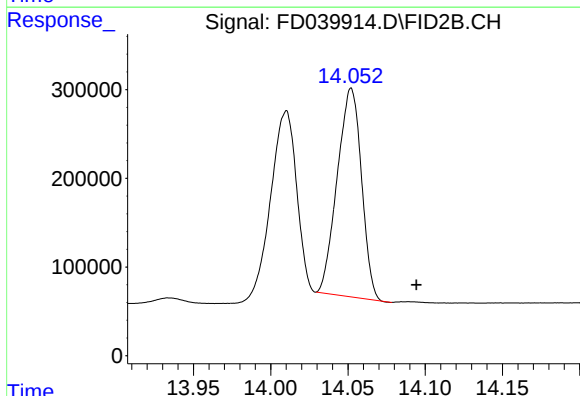
R.T.: 12.194 min
Delta R.T.: 0.011 min
Response: 48393
Conc: 0.32 ug/ml

Instrument :
FID_D
ClientSampleId :



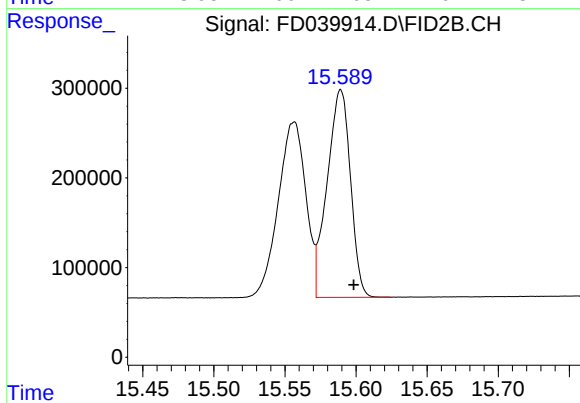
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.052 min
Delta R.T.: 0.000 min
Response: 2568023
Conc: 19.03 ug/ml



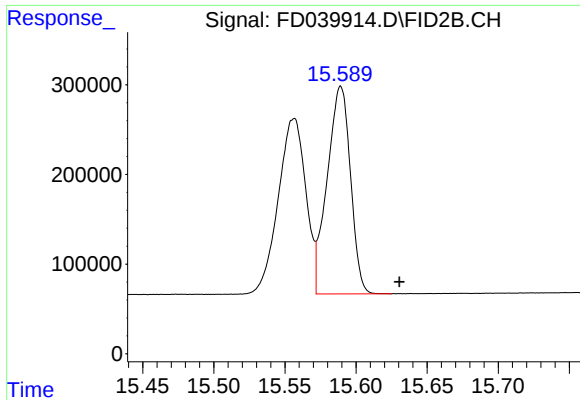
#15 Chrysene (C27.41)

R.T.: 14.052 min
Delta R.T.: -0.042 min
Response: 2568023
Conc: 18.26 ug/ml



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

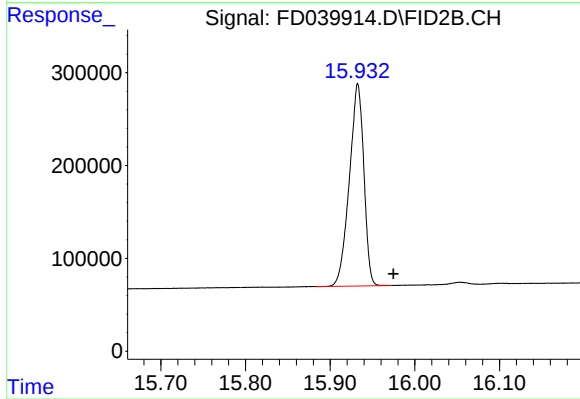
R.T.: 15.589 min
Delta R.T.: -0.009 min
Response: 2644554
Conc: 19.71 ug/ml



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

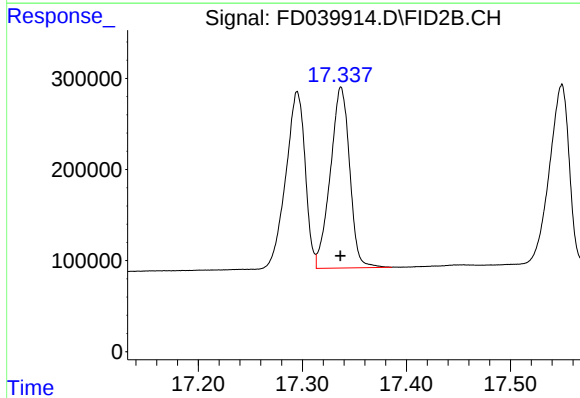
R.T.: 15.589 min
Delta R.T.: -0.041 min
Response: 2644554
Conc: 19.55 ug/ml

Instrument :
FID_D
ClientSampleId :



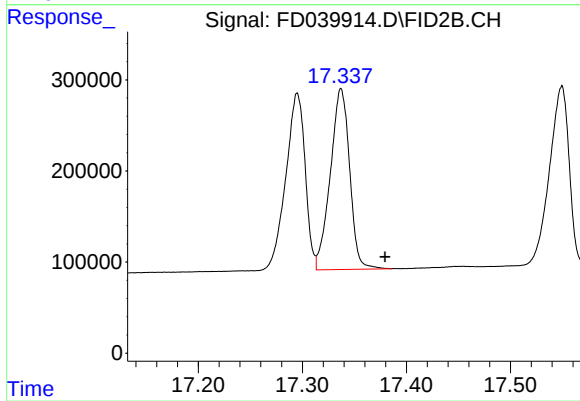
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.933 min
Delta R.T.: -0.042 min
Response: 2586242
Conc: 19.95 ug/ml



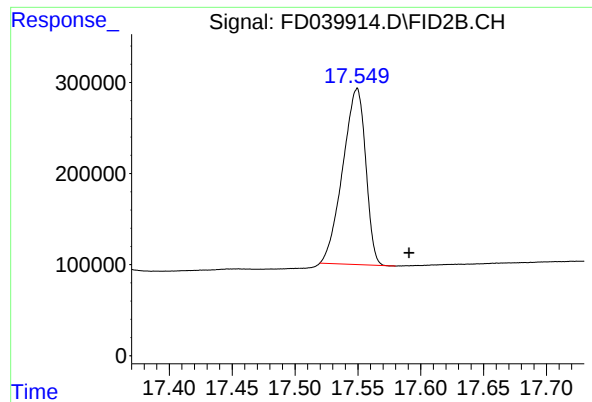
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.337 min
Delta R.T.: 0.000 min
Response: 2563143
Conc: 20.93 ug/ml



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

R.T.: 17.337 min
Delta R.T.: -0.042 min
Response: 2563143
Conc: 20.90 ug/ml



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

R.T.: 17.549 min
Delta R.T.: -0.041 min
Response: 2451748
Conc: 19.63 ug/ml

Instrument :

FID_D

ClientSampleId :