

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040315.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 23:40
 Operator : AJ\MA
 Sample : M5257-01D
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 03:44:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 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...	6.814	7470842	56.858 ug/ml
Spiked Amount 50.000		Recovery =	113.72%
6) S 2-Fluorobiphenyl (SURR)	7.663	4979426	58.644 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.29%
11) S ortho-Terphenyl (SURR)	10.697	4963850	35.525 ug/ml
Spiked Amount 50.000		Recovery =	71.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.663	1062701	7.066 ug/ml
2) T Naphthalene (C11.7)	5.162	164150	1.088 ug/ml
3) T 2-Methylnaphthalene (...)	6.204	107875	0.718 ug/ml
5) T Acenaphthylene (C15.06)	7.503	81404	0.598 ug/ml
7) T Acenaphthene (C15.5)	7.758	76975	0.530 ug/ml
8) T Fluorene (C16.55)	8.536	126638	0.917 ug/ml
9) T Phenanthrene (C19.36)	9.919	664462	4.929 ug/ml
10) T Anthracene (C19.43)	9.995	138647	1.102 ug/ml
12) T Fluoranthene (C21.85)	11.722	997117	7.424 ug/ml
13) T Pyrene (C20.8)	12.015	850898	6.514 ug/ml
14) T Benzo[a]anthracene (C...	13.880	381437	3.265 ug/ml
15) T Chrysene (C27.41)	13.919	442089	3.536 ug/ml
16) T benzo[b]fluoranthene ...	15.426	608386	4.905 ug/ml
17) T Bnezo[k]fluoranthene ...	15.453	220843	1.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.799	377730	3.138 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.158	371261	3.199 ug/ml
20) T Dibenz[a,h]anthracene...	17.226	78008	0.686 ug/ml
21) T Benzo[g,h,i]perylene ...	17.411	355418	2.912 ug/ml

(f)=RT Delta > 1/2 Window

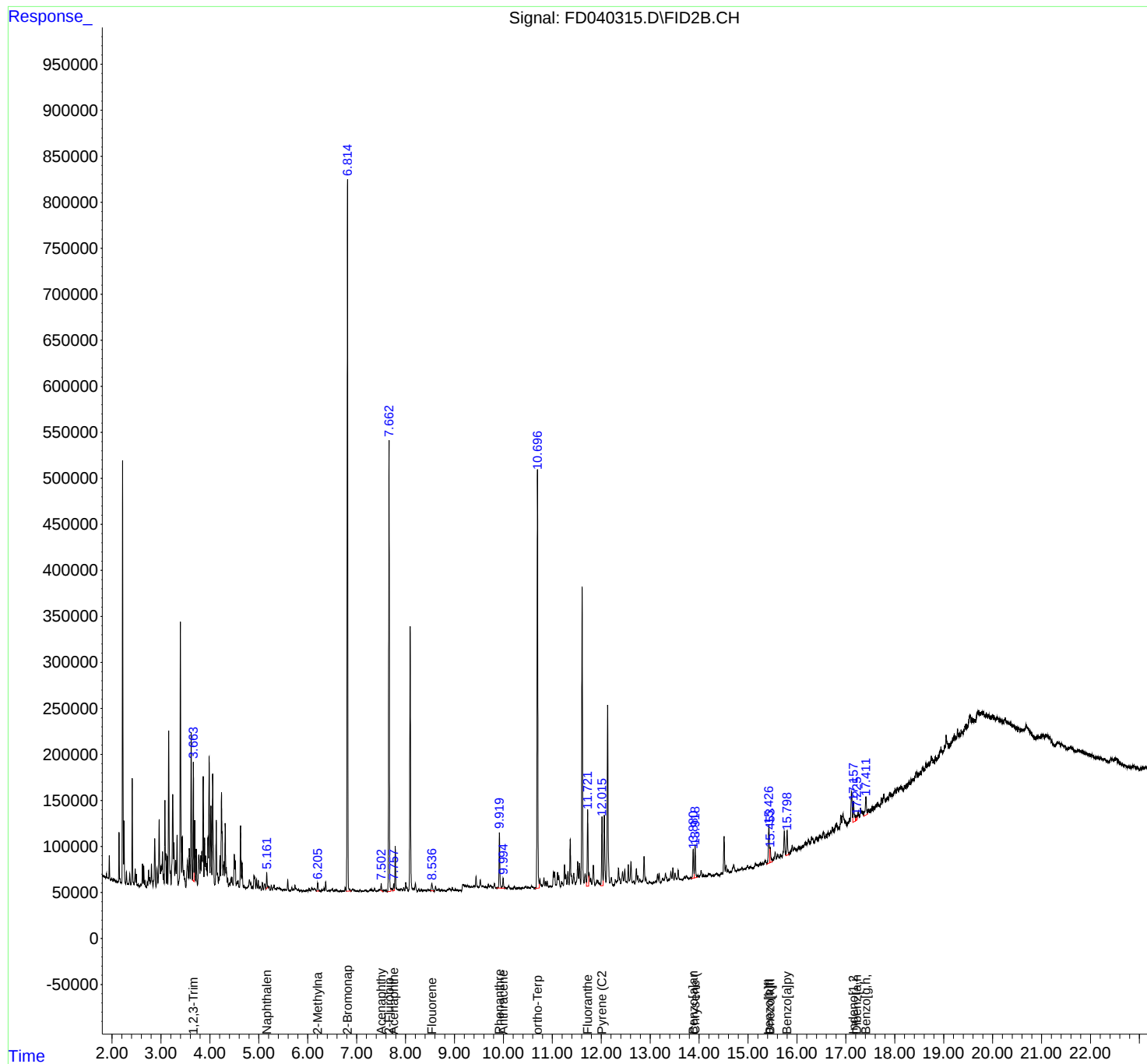
(m)=manual int.

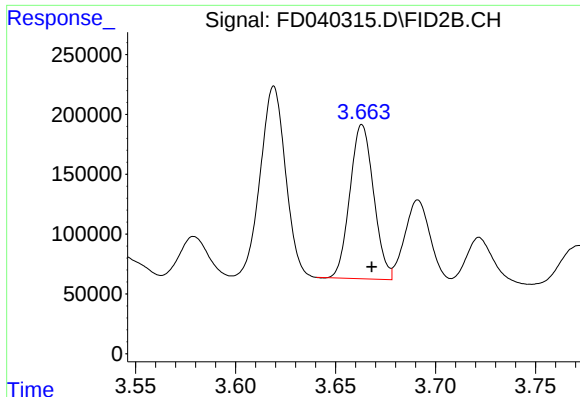
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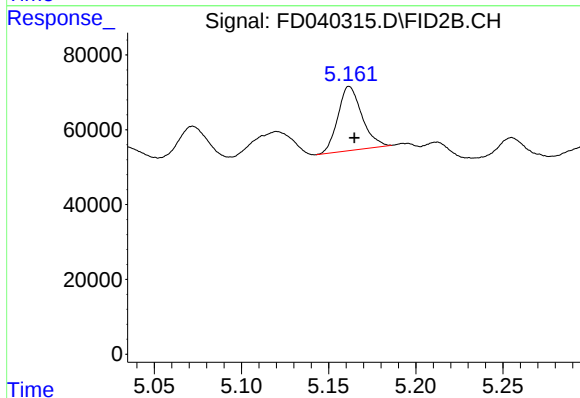




#1 1,2,3-Trimethylbenzene (C10.1)

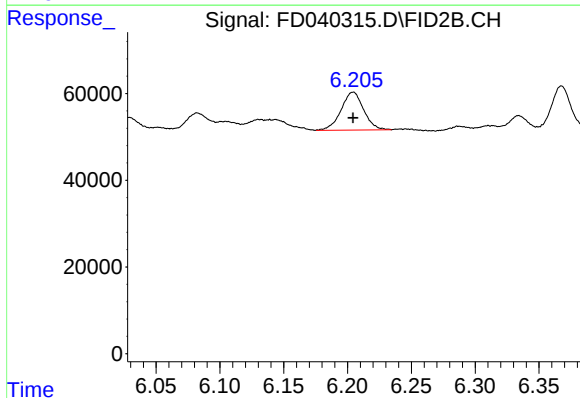
R.T.: 3.663 min
Delta R.T.: -0.005 min
Response: 1062701
Conc: 7.07 ug/ml

Instrument :
FID_D
ClientSampleId :



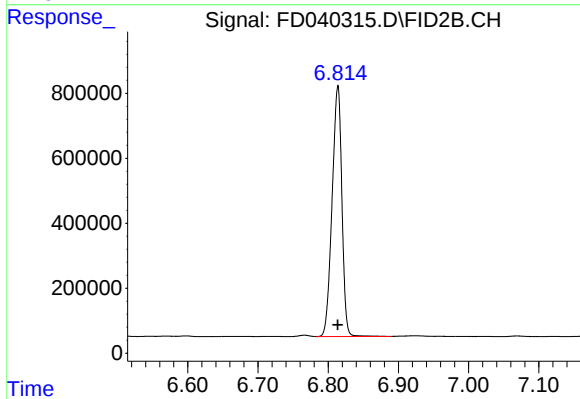
#2 Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 164150
Conc: 1.09 ug/ml



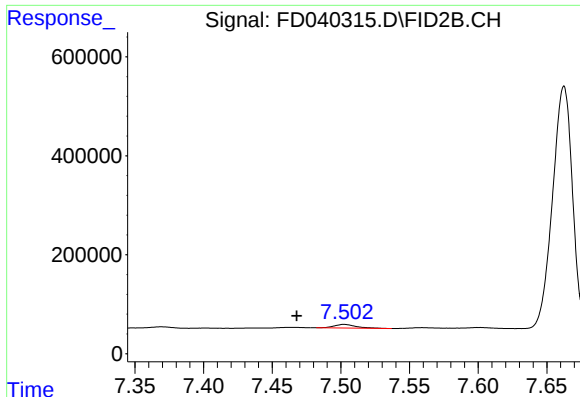
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 107875
Conc: 0.72 ug/ml



#4 2-Bromonaphthalene (SURR)

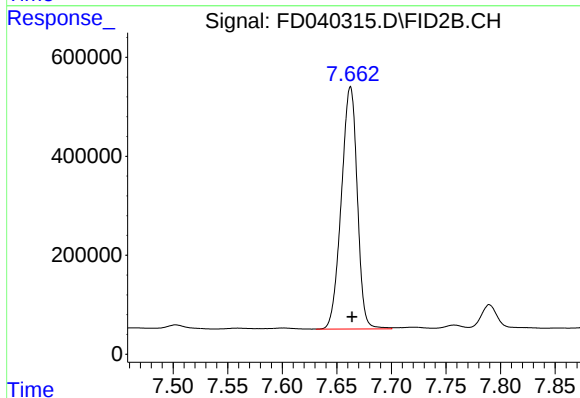
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 7470842
Conc: 56.86 ug/ml



#5 Acenaphthylene (C15.06)

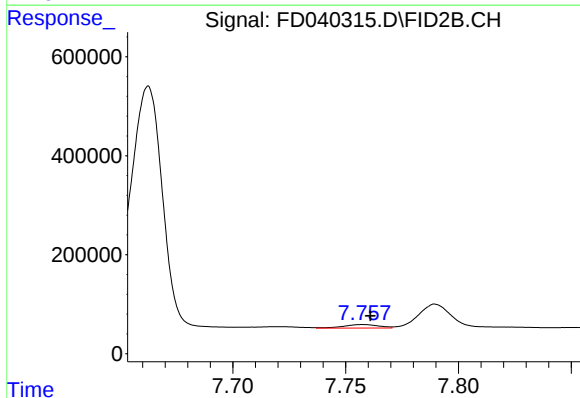
R.T.: 7.503 min
Delta R.T.: 0.035 min
Response: 81404
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



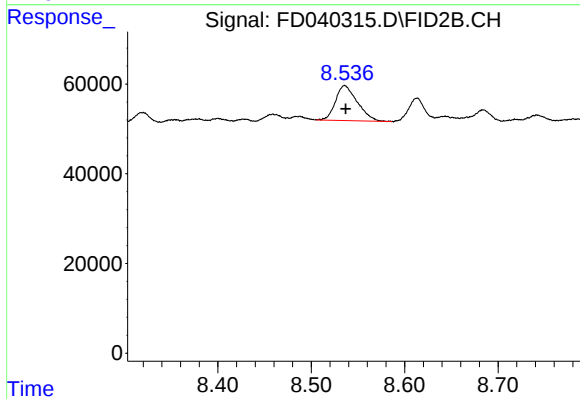
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.663 min
Delta R.T.: -0.002 min
Response: 4979426
Conc: 58.64 ug/ml



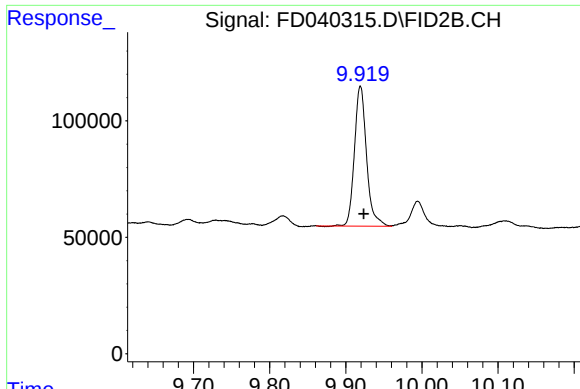
#7 Acenaphthene (C15.5)

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 76975
Conc: 0.53 ug/ml



#8 Fluorene (C16.55)

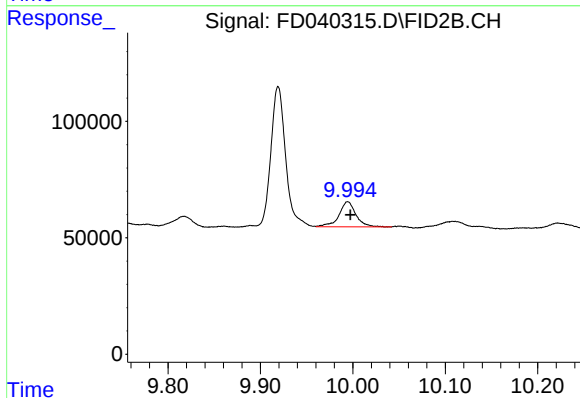
R.T.: 8.536 min
Delta R.T.: -0.001 min
Response: 126638
Conc: 0.92 ug/ml



#9 Phenanthrene (C19.36)

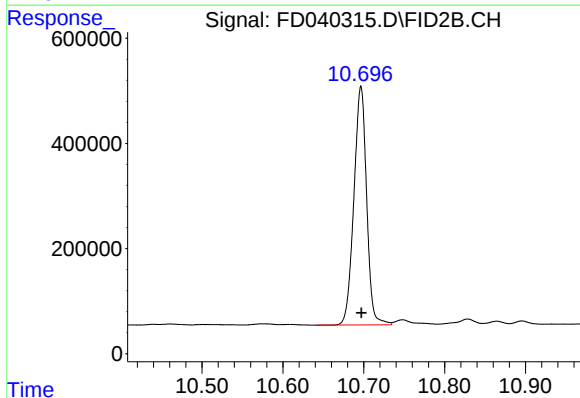
R.T.: 9.919 min
Delta R.T.: -0.004 min
Response: 664462
Conc: 4.93 ug/ml

Instrument :
FID_D
ClientSampleId :



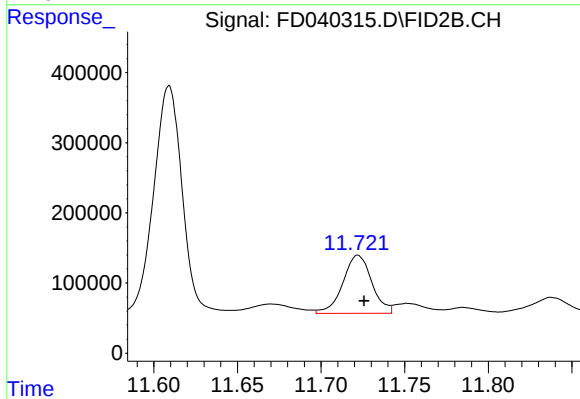
#10 Anthracene (C19.43)

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 138647
Conc: 1.10 ug/ml



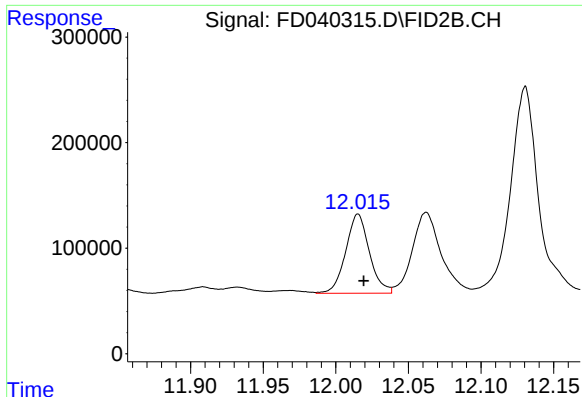
#11 ortho-Terphenyl (SURRE)

R.T.: 10.697 min
Delta R.T.: 0.000 min
Response: 4963850
Conc: 35.52 ug/ml



#12 Fluoranthene (C21.85)

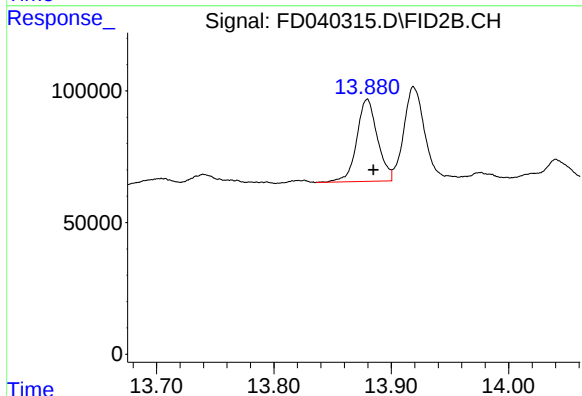
R.T.: 11.722 min
Delta R.T.: -0.004 min
Response: 997117
Conc: 7.42 ug/ml



#13 Pyrene (C20.8)

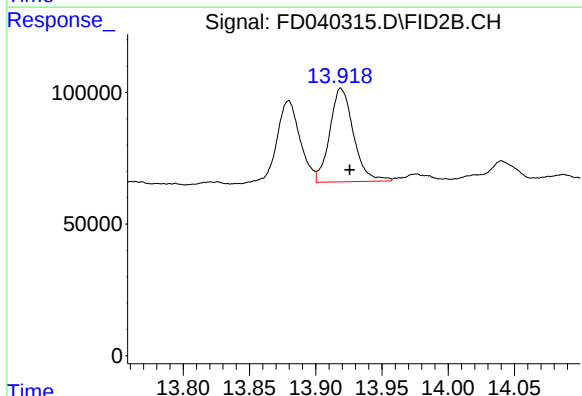
R.T.: 12.015 min
Delta R.T.: -0.004 min
Response: 850898
Conc: 6.51 ug/ml

Instrument :
FID_D
ClientSampleId :



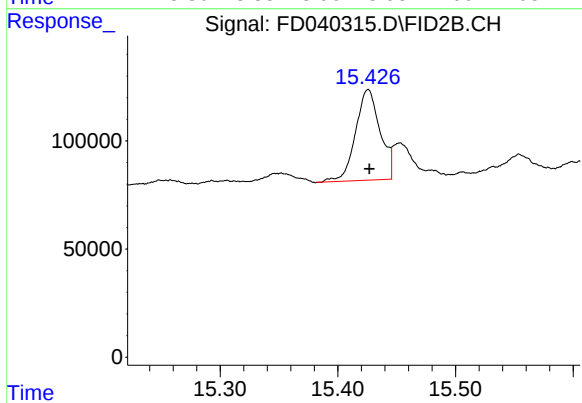
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.880 min
Delta R.T.: -0.005 min
Response: 381437
Conc: 3.26 ug/ml



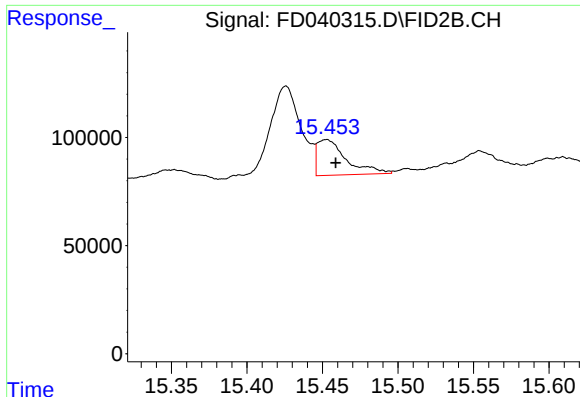
#15 Chrysene (C27.41)

R.T.: 13.919 min
Delta R.T.: -0.007 min
Response: 442089
Conc: 3.54 ug/ml



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

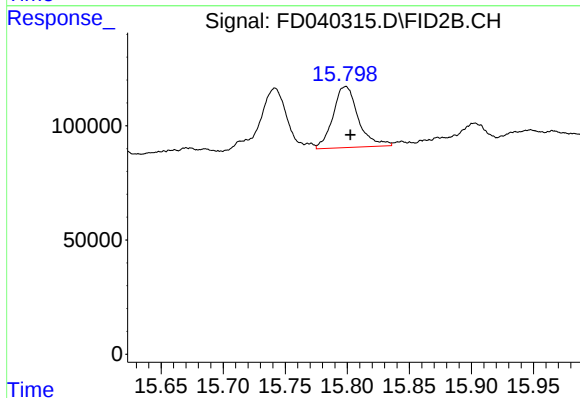
R.T.: 15.426 min
Delta R.T.: -0.001 min
Response: 608386
Conc: 4.90 ug/ml



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

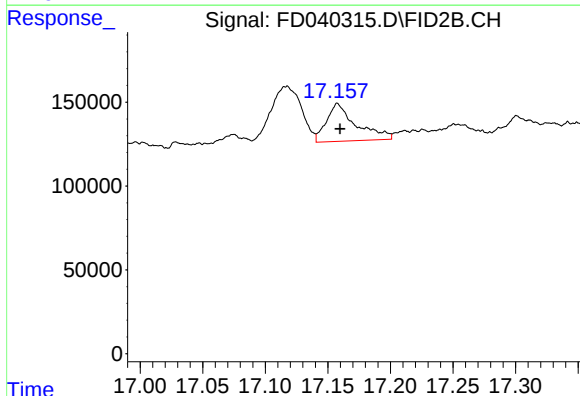
R.T.: 15.453 min
Delta R.T.: -0.006 min
Response: 220843
Conc: 1.78 ug/ml

Instrument :
FID_D
ClientSampleId :



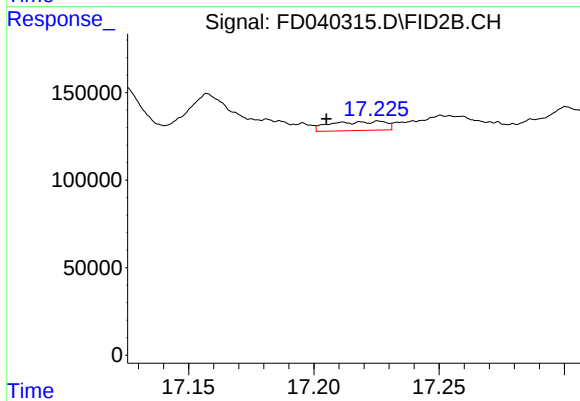
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.799 min
Delta R.T.: -0.004 min
Response: 377730
Conc: 3.14 ug/ml



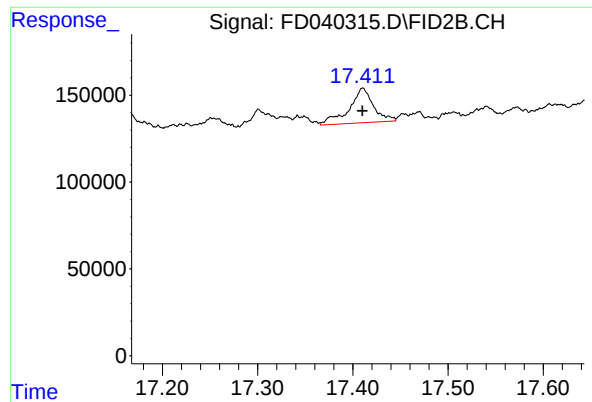
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.158 min
Delta R.T.: -0.002 min
Response: 371261
Conc: 3.20 ug/ml



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

R.T.: 17.226 min
Delta R.T.: 0.021 min
Response: 78008
Conc: 0.69 ug/ml



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

R.T.: 17.411 min
Delta R.T.: 0.000 min
Response: 355418
Conc: 2.91 ug/ml

Instrument :

FID_D

ClientSampleId :