

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023058.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 8:16
 Operator : UA/AJ
 Sample : J2370-08
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 11:13:06 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 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...	7.292	8450188	62.309 ug/ml
Spiked Amount 50.000		Recovery =	124.62%
6) S 2-Fluorobiphenyl (SURR)	8.148	5599314	78.568 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	157.14%#
11) S ortho-Terphenyl (SURR)	11.179	4606060	32.946 ug/ml
Spiked Amount 50.000		Recovery =	65.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.114	55028	0.395 ug/ml
2) T Naphthalene (C11.7)	5.633	1455414	10.634 ug/ml
3) T 2-Methylnaphthalene (...)	6.682	1576875	11.552 ug/ml
5) T Acenaphthylene (C15.06)	7.946	3738755	25.580 ug/ml
7) T Acenaphthene (C15.5)	8.244	540470	3.199 ug/ml
8) T Fluorene (C16.55)	9.021	2908758	20.312 ug/ml
9) T Phenanthrene (C19.36)	10.424	18565974	139.880 ug/ml
10) T Anthracene (C19.43)	10.493	3584986	25.622 ug/ml
12) T Fluoranthene (C21.85)	12.241	18737762	136.417 ug/ml
13) T Pyrene (C20.8)	12.541	24905447	176.437 ug/ml
14) T Benzo[a]anthracene (C...	14.411	13269894	106.814 ug/ml
15) T Chrysene (C27.41)	14.457	14421857	93.152 ug/ml
16) T benzo[b]fluoranthene ...	15.982	17212143	127.685 ug/ml
17) T Bnezo[k]fluoranthene ...	16.004	5119549	31.026 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	10617831	81.822 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	10617831	63.831 ug/ml
21) T Benzo[a,h,i]perylene ...	17.995	8805267	59.408 ug/ml

(f)=RT Delta > 1/2 Window

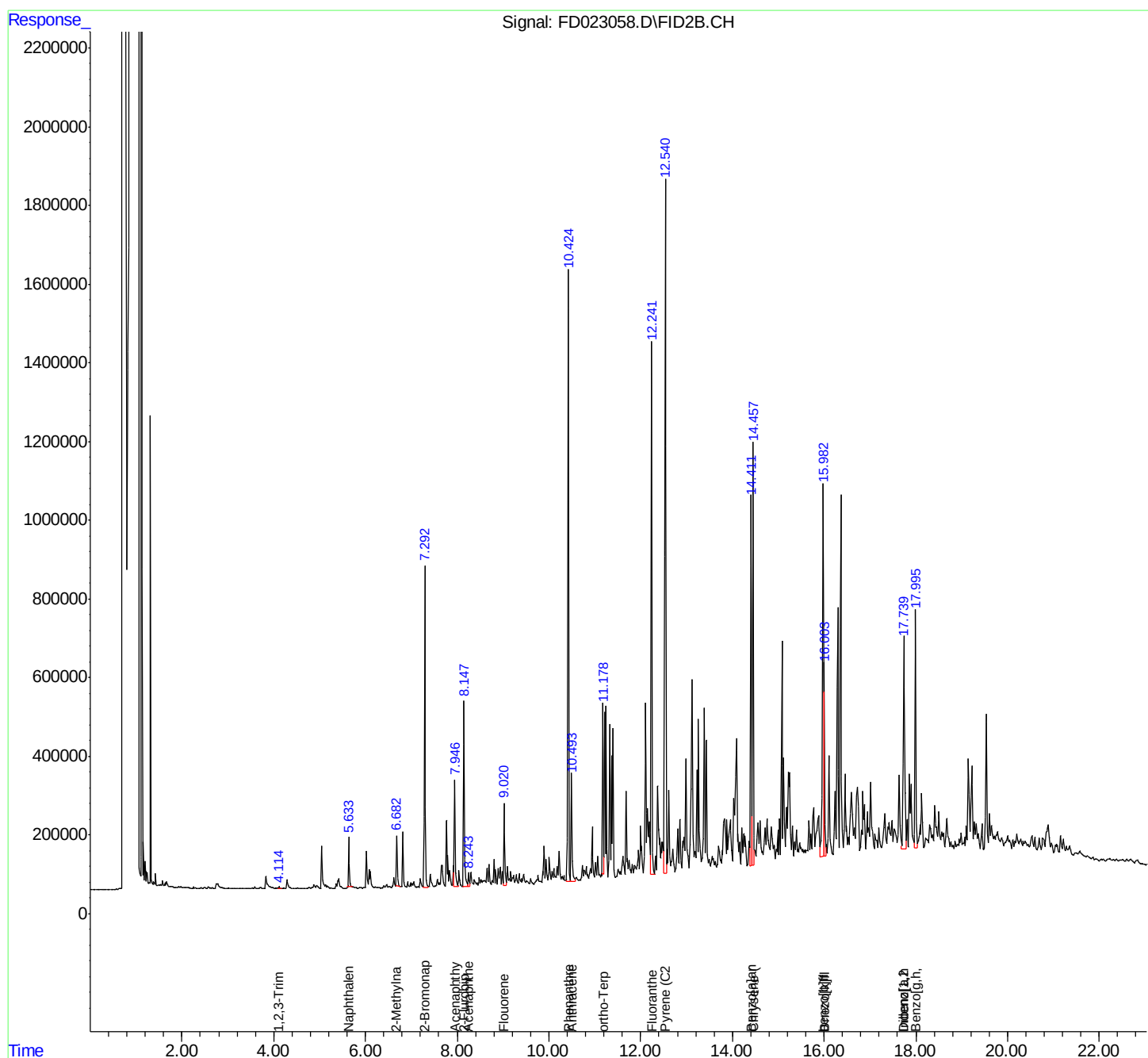
(m)=manual int.

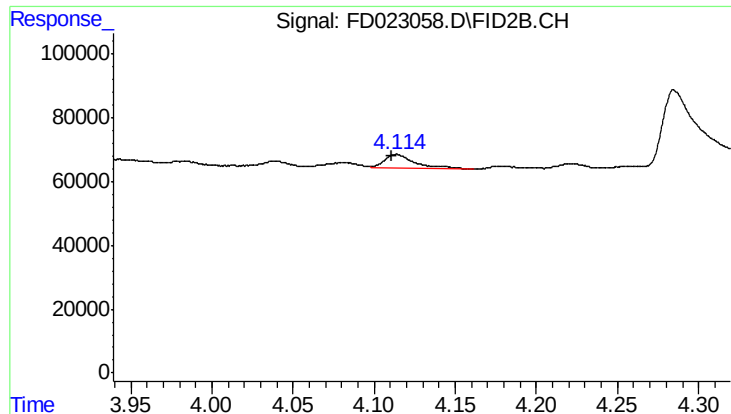
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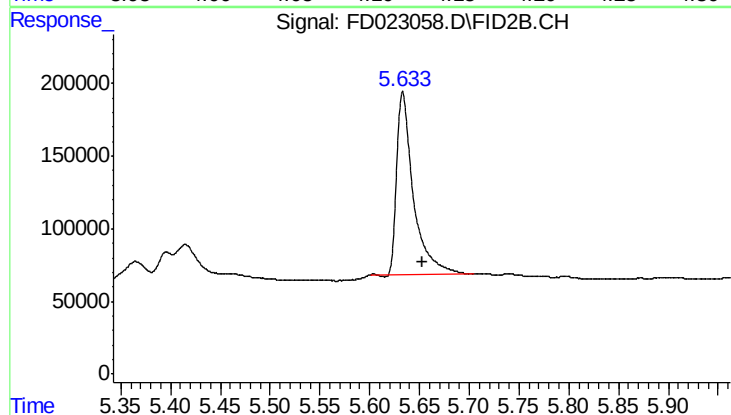




#1 1,2,3-Trimethylbenzene (C10.1)

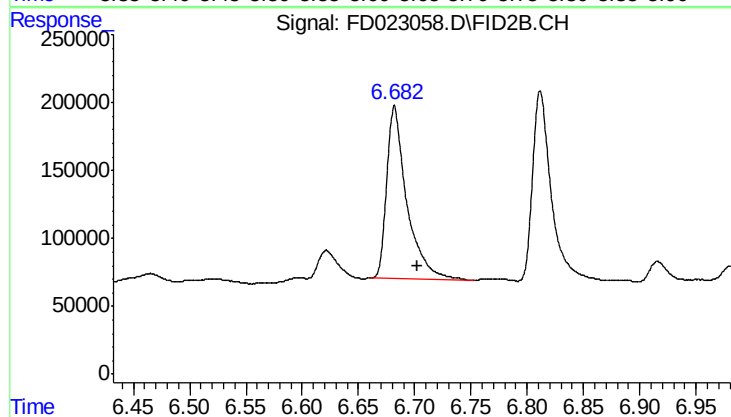
R.T.: 4.114 min
Delta R.T.: 0.003 min
Response: 55028
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



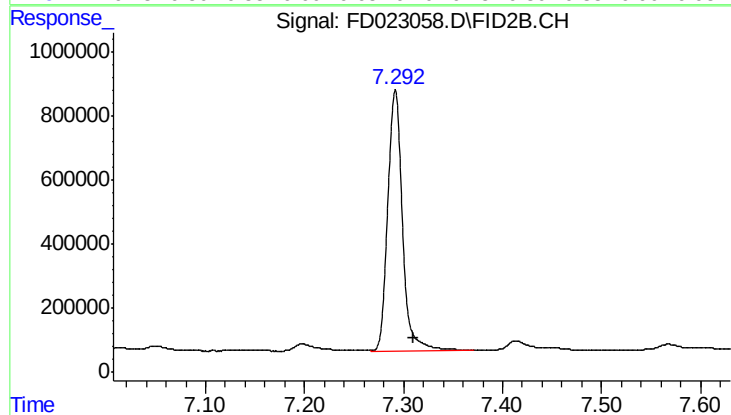
#2 Naphthalene (C11.7)

R.T.: 5.633 min
Delta R.T.: -0.020 min
Response: 1455414
Conc: 10.63 ug/ml



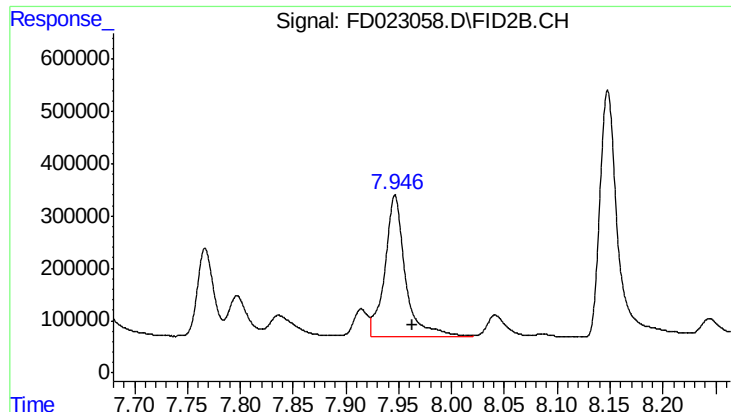
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.682 min
Delta R.T.: -0.020 min
Response: 1576875
Conc: 11.55 ug/ml



#4 2-Bromonaphthalene (SURR)

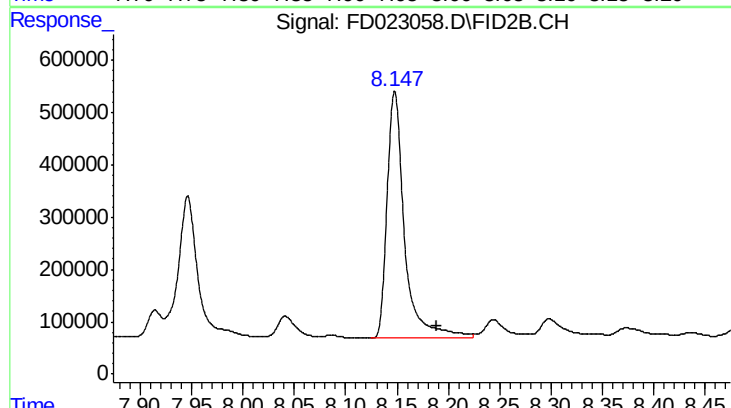
R.T.: 7.292 min
Delta R.T.: -0.018 min
Response: 8450188
Conc: 62.31 ug/ml



#5 Acenaphthylene (C15.06)

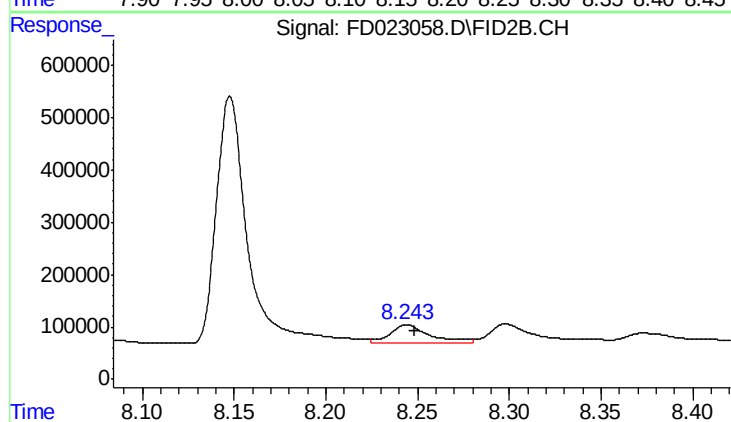
R.T.: 7.946 min
Delta R.T.: -0.016 min
Response: 3738755
Conc: 25.58 ug/ml

Instrument :
FID_D
ClientSampleId :



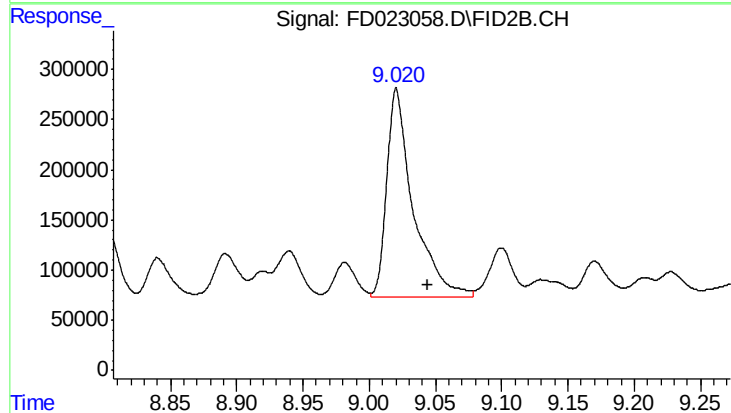
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.148 min
Delta R.T.: -0.040 min
Response: 5599314
Conc: 78.57 ug/ml



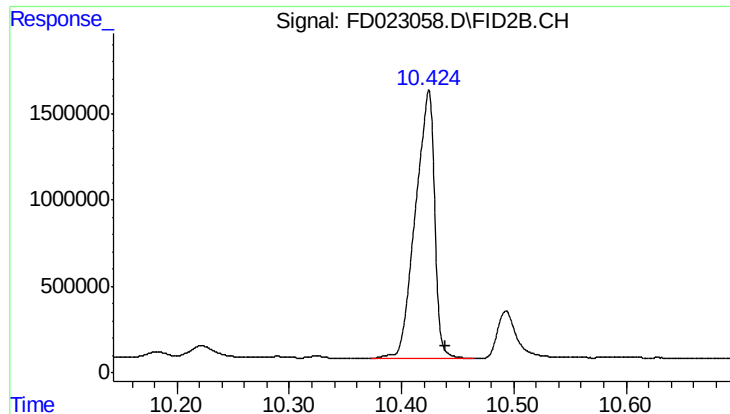
#7 Acenaphthene (C15.5)

R.T.: 8.244 min
Delta R.T.: -0.004 min
Response: 540470
Conc: 3.20 ug/ml



#8 Fluorene (C16.55)

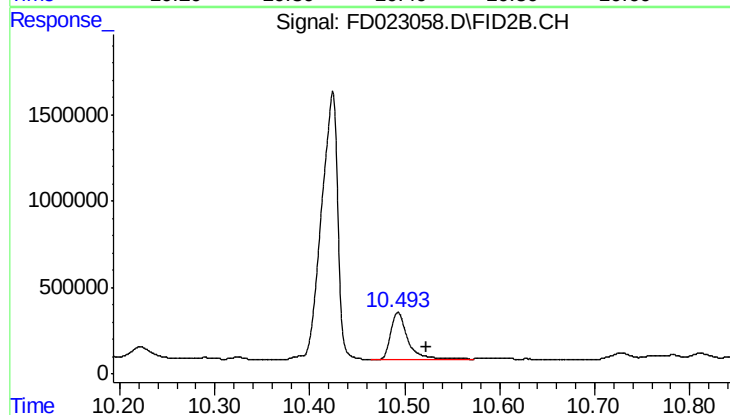
R.T.: 9.021 min
Delta R.T.: -0.023 min
Response: 2908758
Conc: 20.31 ug/ml



#9 Phenanthrene (C19.36)

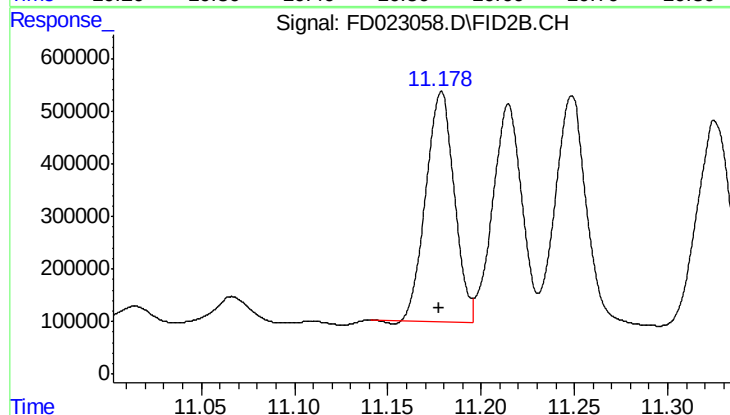
R.T.: 10.424 min
Delta R.T.: -0.015 min
Response: 18565974
Conc: 139.88 ug/ml

Instrument :
FID_D
ClientSampleId :



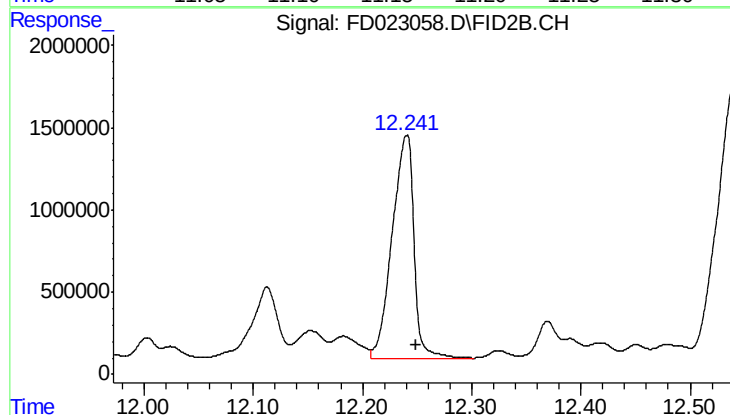
#10 Anthracene (C19.43)

R.T.: 10.493 min
Delta R.T.: -0.030 min
Response: 3584986
Conc: 25.62 ug/ml



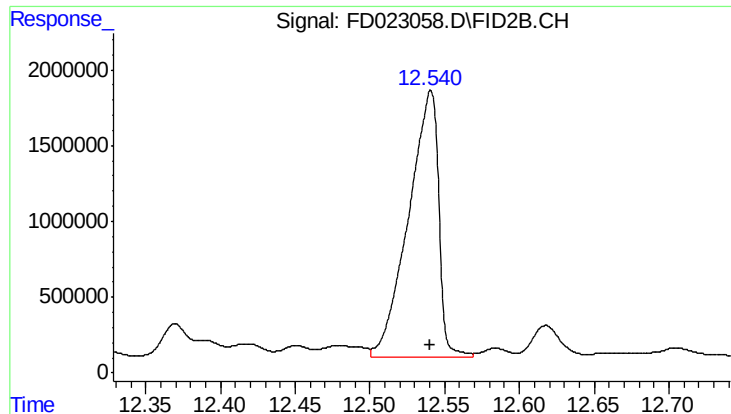
#11 ortho-Terphenyl (SURR)

R.T.: 11.179 min
Delta R.T.: 0.001 min
Response: 4606060
Conc: 32.95 ug/ml



#12 Fluoranthene (C21.85)

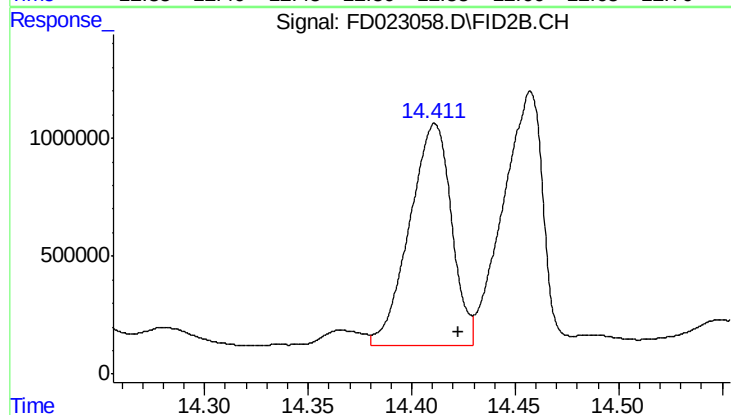
R.T.: 12.241 min
Delta R.T.: -0.008 min
Response: 18737762
Conc: 136.42 ug/ml



#13 Pyrene (C20.8)

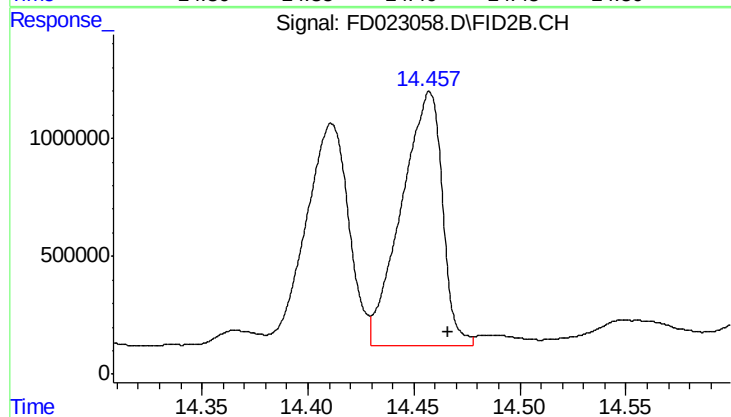
R.T.: 12.541 min
Delta R.T.: 0.000 min
Response: 24905447
Conc: 176.44 ug/ml

Instrument :
FID_D
ClientSampleId :



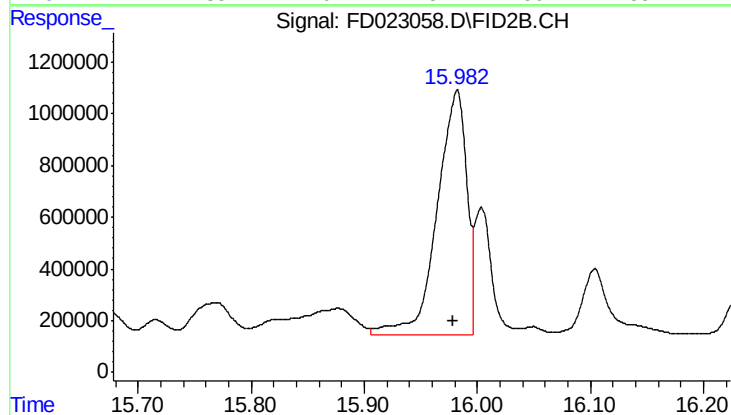
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.411 min
Delta R.T.: -0.011 min
Response: 13269894
Conc: 106.81 ug/ml



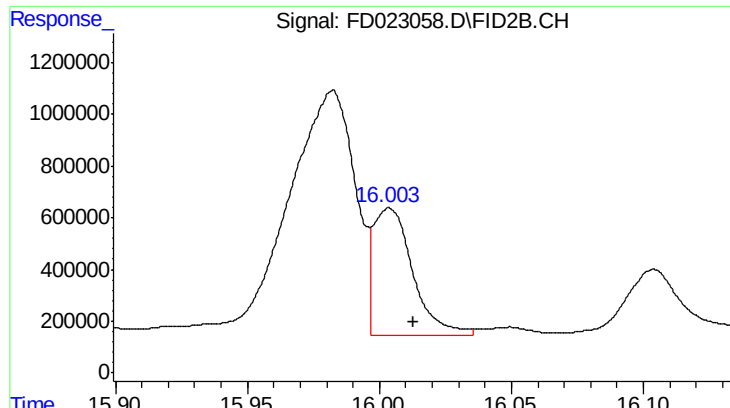
#15 Chrysene (C27.41)

R.T.: 14.457 min
Delta R.T.: -0.009 min
Response: 14421857
Conc: 93.15 ug/ml



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

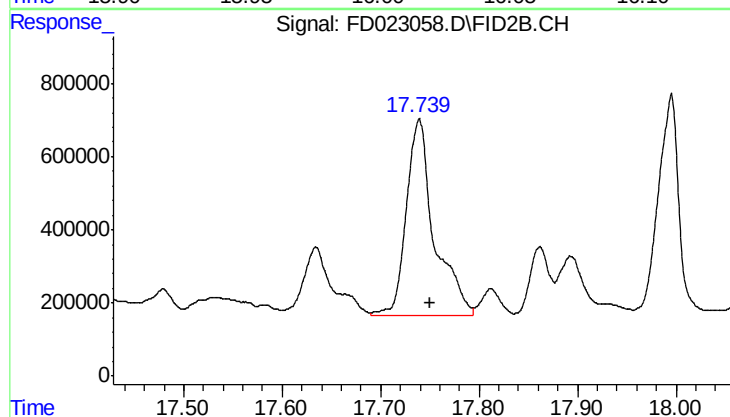
R.T.: 15.982 min
Delta R.T.: 0.004 min
Response: 17212143
Conc: 127.69 ug/ml



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

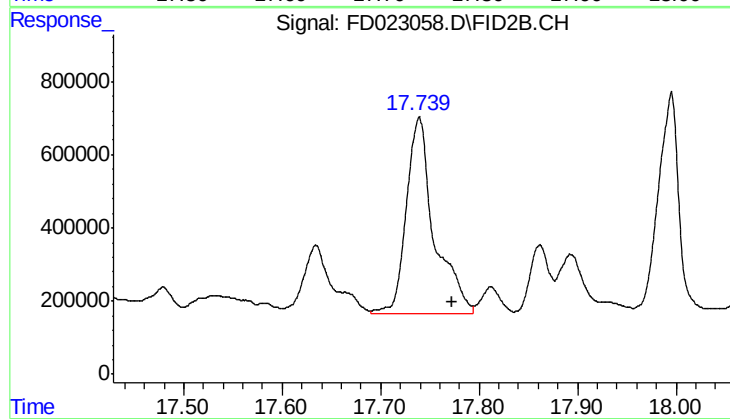
R.T.: 16.004 min
Delta R.T.: -0.009 min
Response: 5119549
Conc: 31.03 ug/ml

Instrument :
FID_D
ClientSampleId :



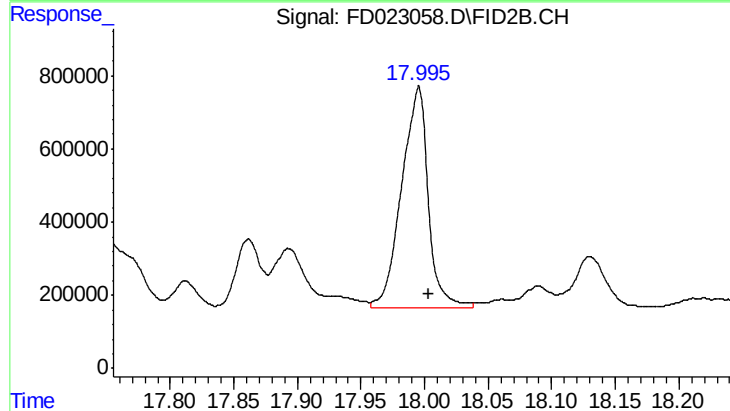
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: -0.011 min
Response: 10617831
Conc: 81.82 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.033 min
Response: 10617831
Conc: 63.83 ug/ml



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

R.T.: 17.995 min
Delta R.T.: -0.008 min
Response: 8805267
Conc: 59.41 ug/ml