

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023057.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 7:40
 Operator : UA/AJ
 Sample : J2370-05
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 11:12:34 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	7460234	55.009 ug/ml
Spiked Amount 50.000		Recovery =	110.02%
6) S 2-Fluorobiphenyl (SURR)	8.149	4945188	69.389 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	138.78%#
11) S ortho-Terphenyl (SURR)	11.179	4196741	30.018 ug/ml
Spiked Amount 50.000		Recovery =	60.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.115	42540	0.305 ug/ml
2) T Naphthalene (C11.7)	5.635	1255378	9.172 ug/ml
3) T 2-Methylnaphthalene (...)	6.684	1373822	10.064 ug/ml
5) T Acenaphthylene (C15.06)	7.947	3391007	23.201 ug/ml
7) T Acenaphthene (C15.5)	8.246	494278	2.926 ug/ml
8) T Fluorene (C16.55)	9.022	2577125	17.997 ug/ml
9) T Phenanthrene (C19.36)	10.423	16733092	126.071 ug/ml
10) T Anthracene (C19.43)	10.495	3203475	22.895 ug/ml
12) T Fluoranthene (C21.85)	12.240	17119105	124.633 ug/ml
13) T Pyrene (C20.8)	12.540	22854957	161.911 ug/ml
14) T Benzo[alanthracene (C...	14.412	12286554	98.899 ug/ml
15) T Chrysene (C27.41)	14.457	13432385	86.761 ug/ml
16) T benzo[b]fluoranthene ...	15.982	15955680	118.364 ug/ml
17) T Benzo[k]fluoranthene ...	16.003	4705488	28.516 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	342190	2.374 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.739	9801256	75.529 ug/ml
20) T Dibenz[a,h]anthracene...	17.739	9801256	58.922 ug/ml
21) T Benzo[a,h,i]pervlene ...	17.994	8185421	55.226 ug/ml

(f)=RT Delta > 1/2 Window

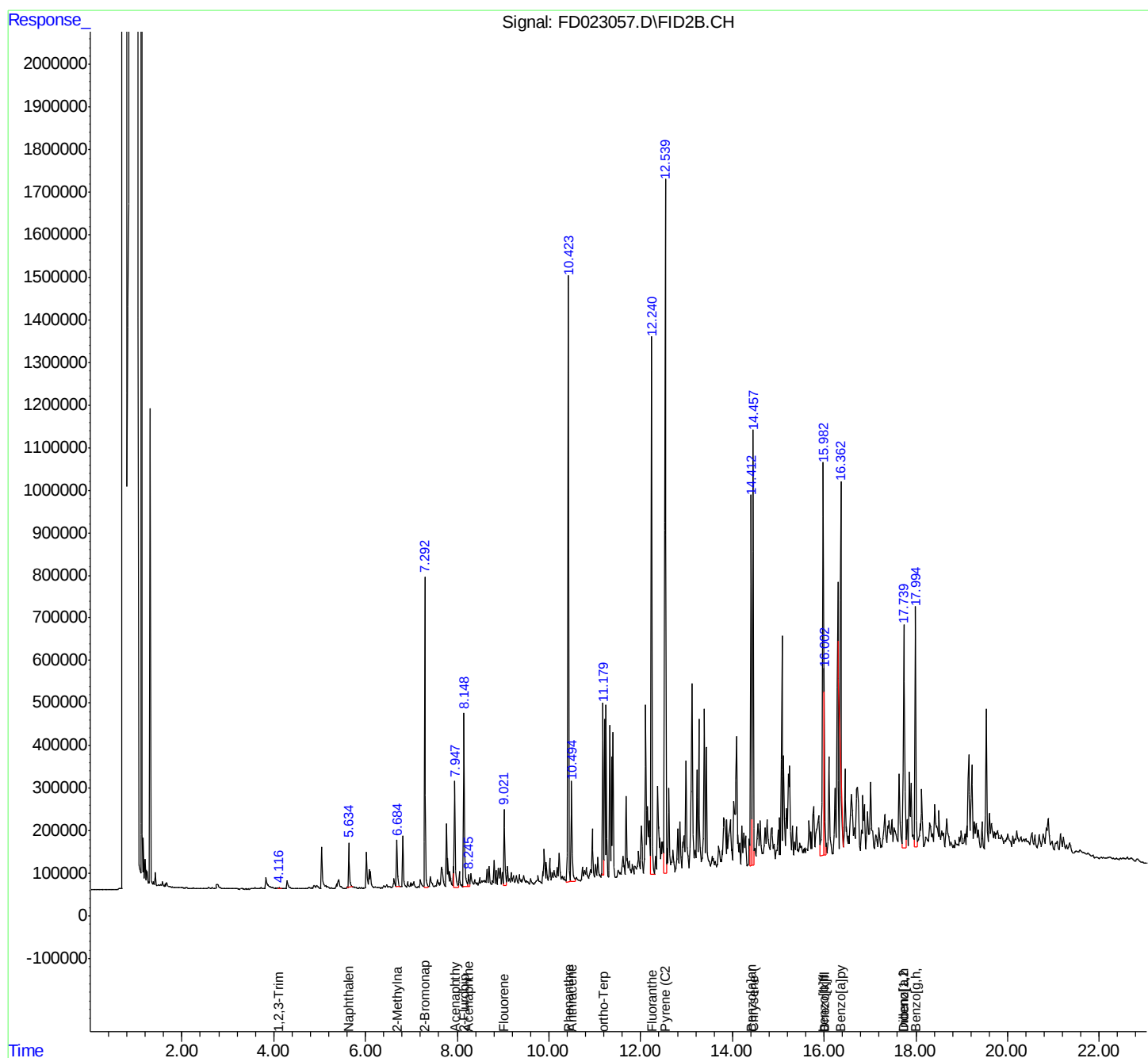
(m)=manual int.

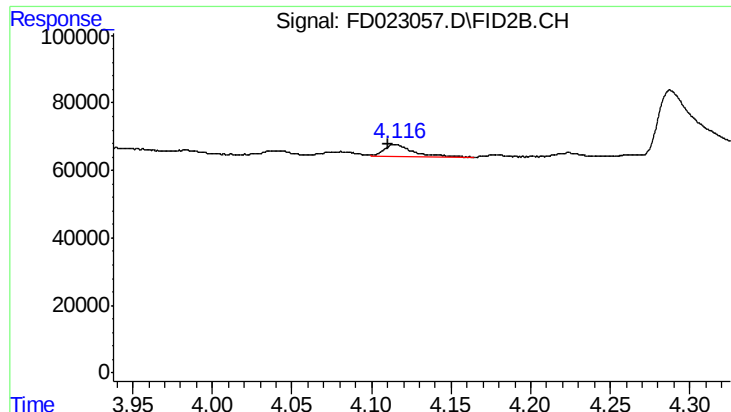
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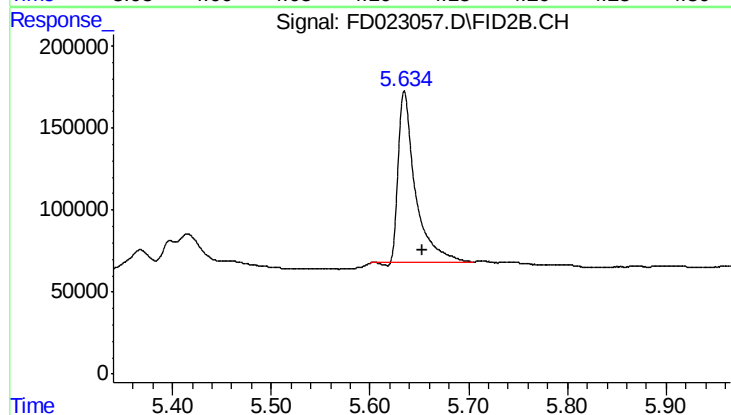




#1 1,2,3-Trimethylbenzene (C10.1)

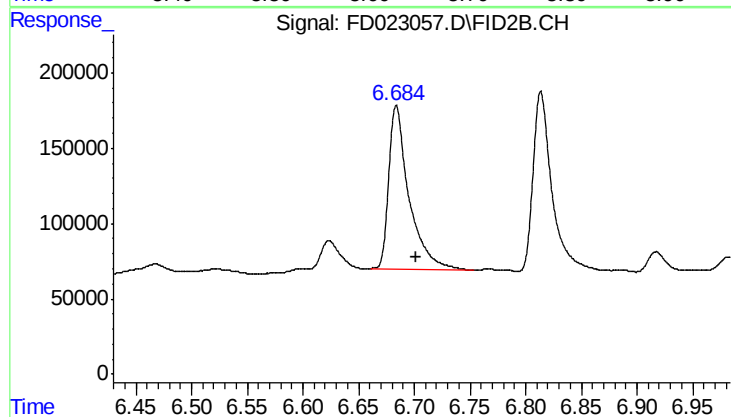
R.T.: 4.115 min
Delta R.T.: 0.004 min
Response: 42540
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



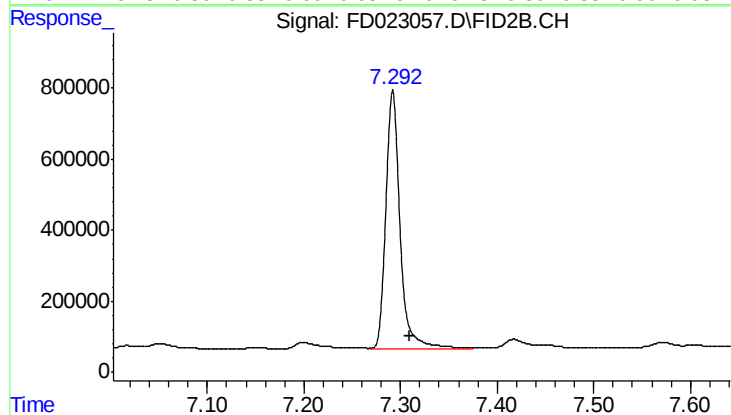
#2 Naphthalene (C11.7)

R.T.: 5.635 min
Delta R.T.: -0.018 min
Response: 1255378
Conc: 9.17 ug/ml



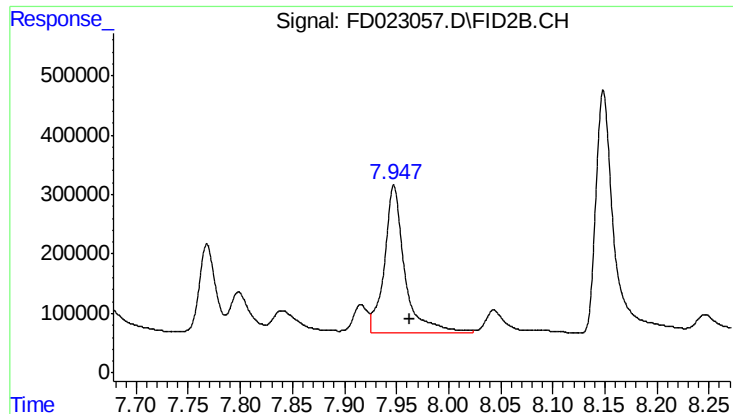
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.684 min
Delta R.T.: -0.018 min
Response: 1373822
Conc: 10.06 ug/ml



#4 2-Bromonaphthalene (SURR)

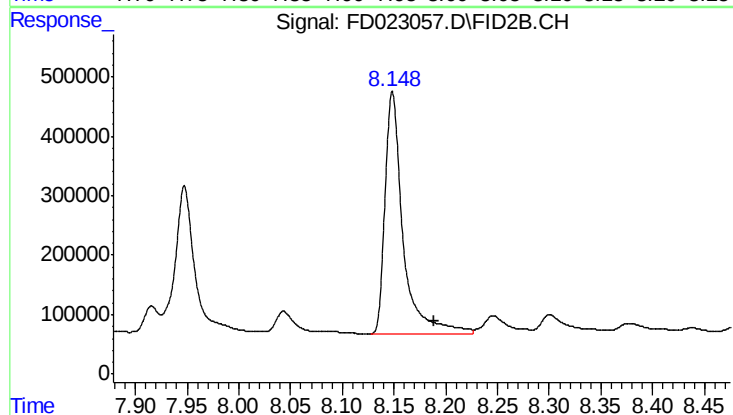
R.T.: 7.292 min
Delta R.T.: -0.018 min
Response: 7460234
Conc: 55.01 ug/ml



#5 Acenaphthylene (C15.06)

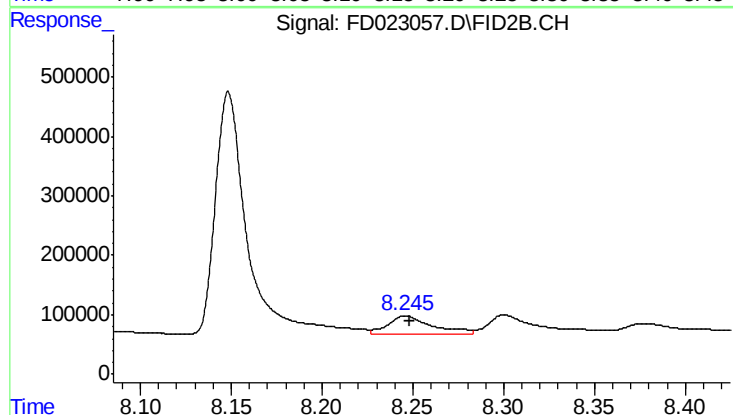
R.T.: 7.947 min
Delta R.T.: -0.015 min
Response: 3391007
Conc: 23.20 ug/ml

Instrument :
FID_D
ClientSampleId :



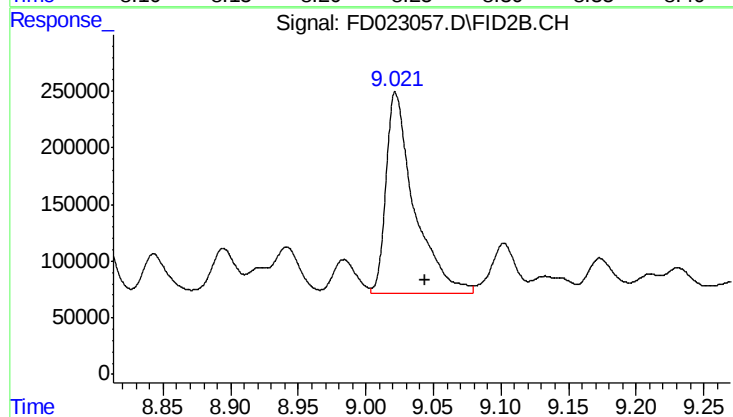
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.149 min
Delta R.T.: -0.040 min
Response: 4945188
Conc: 69.39 ug/ml



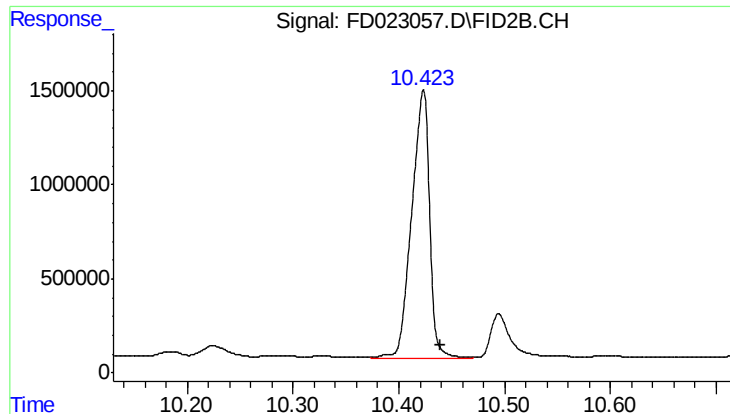
#7 Acenaphthene (C15.5)

R.T.: 8.246 min
Delta R.T.: -0.002 min
Response: 494278
Conc: 2.93 ug/ml



#8 Fluorene (C16.55)

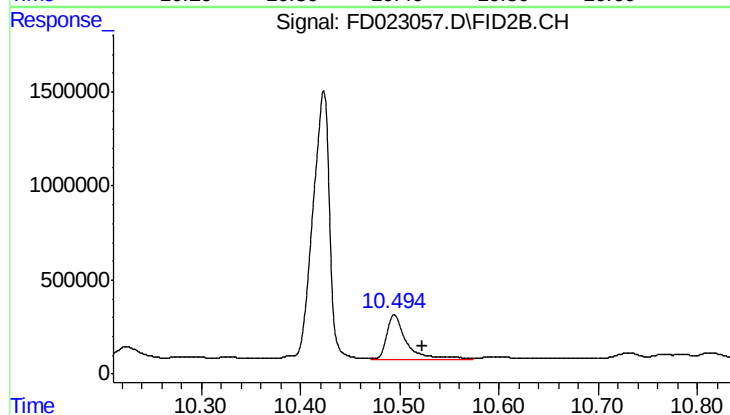
R.T.: 9.022 min
Delta R.T.: -0.022 min
Response: 2577125
Conc: 18.00 ug/ml



#9 Phenanthrene (C19.36)

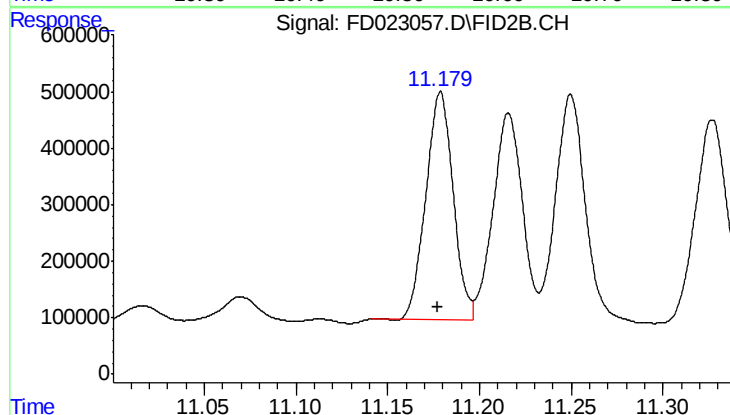
R.T.: 10.423 min
Delta R.T.: -0.016 min
Response: 16733092
Conc: 126.07 ug/ml

Instrument :
FID_D
ClientSampleId :



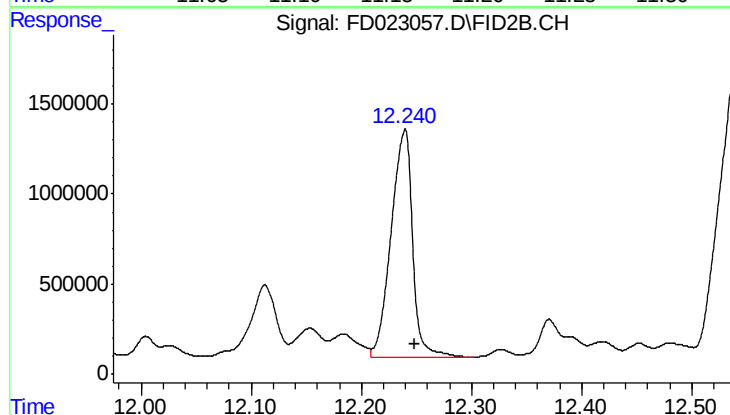
#10 Anthracene (C19.43)

R.T.: 10.495 min
Delta R.T.: -0.028 min
Response: 3203475
Conc: 22.90 ug/ml



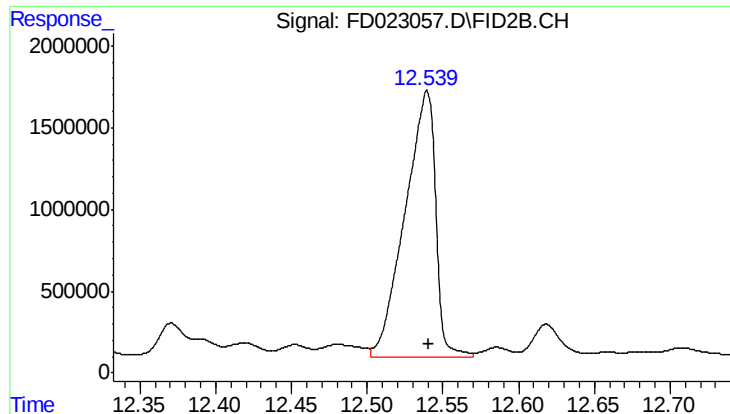
#11 ortho-Terphenyl (SURR)

R.T.: 11.179 min
Delta R.T.: 0.001 min
Response: 4196741
Conc: 30.02 ug/ml



#12 Fluoranthene (C21.85)

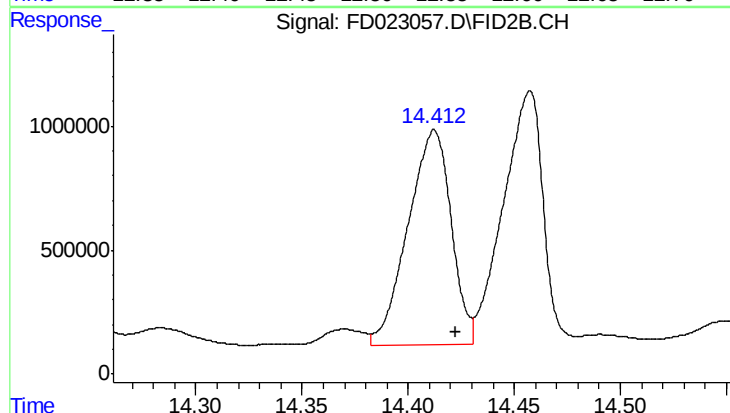
R.T.: 12.240 min
Delta R.T.: -0.009 min
Response: 17119105
Conc: 124.63 ug/ml



#13 Pyrene (C20.8)

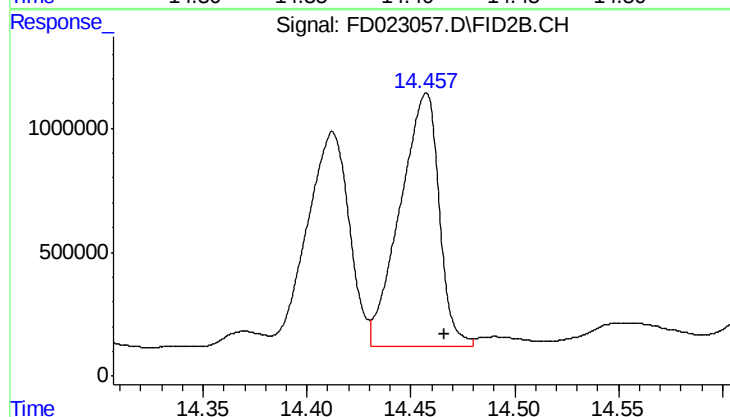
R.T.: 12.540 min
Delta R.T.: -0.001 min
Response: 22854957
Conc: 161.91 ug/ml

Instrument :
FID_D
ClientSampleId :



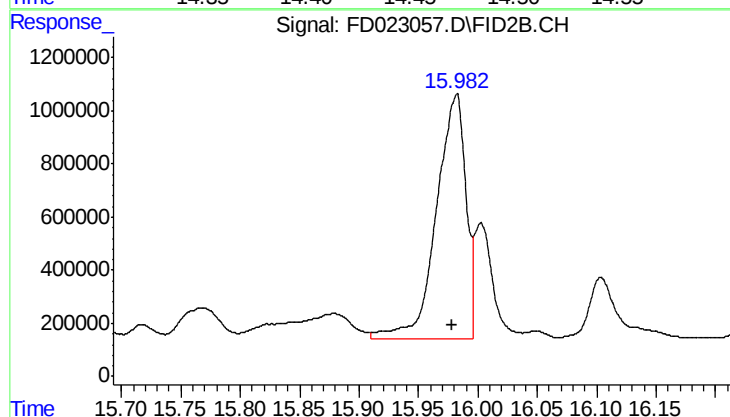
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.412 min
Delta R.T.: -0.010 min
Response: 12286554
Conc: 98.90 ug/ml



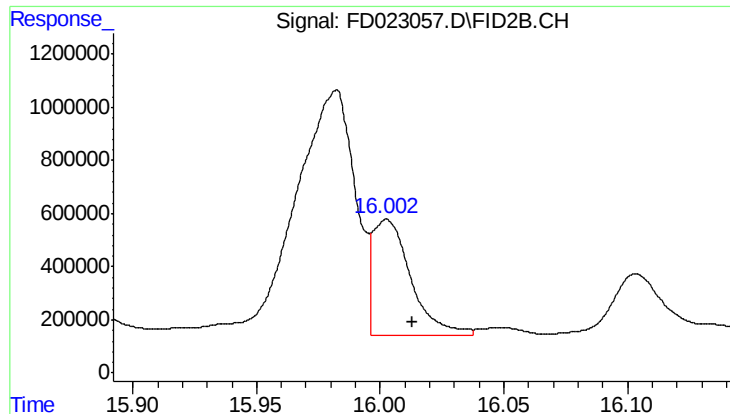
#15 Chrysene (C27.41)

R.T.: 14.457 min
Delta R.T.: -0.009 min
Response: 13432385
Conc: 86.76 ug/ml



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

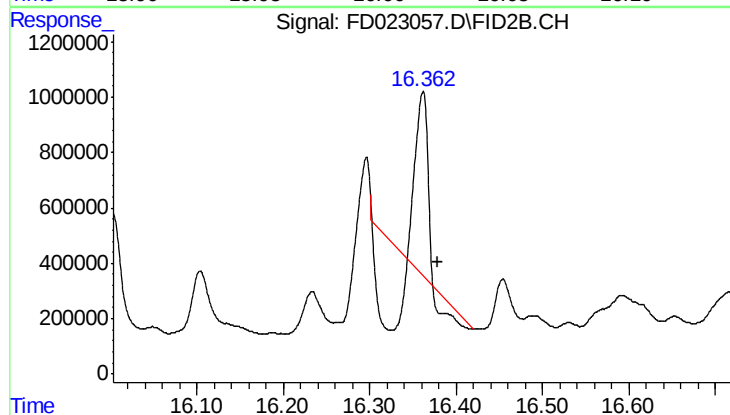
R.T.: 15.982 min
Delta R.T.: 0.003 min
Response: 15955680
Conc: 118.36 ug/ml



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

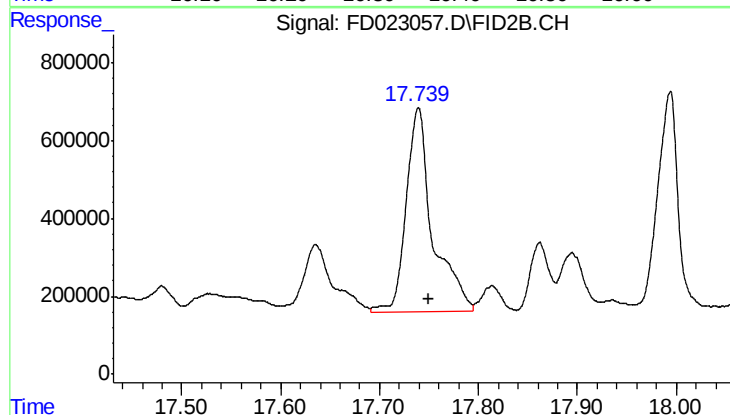
R.T.: 16.003 min
Delta R.T.: -0.011 min
Response: 4705488
Conc: 28.52 ug/ml

Instrument :
FID_D
ClientSampleId :



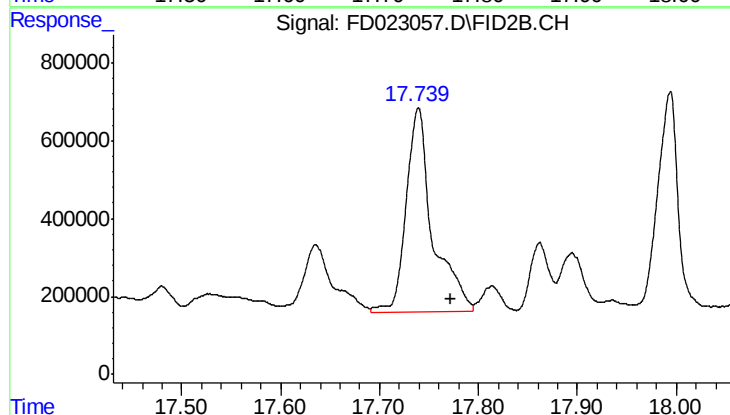
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: -0.018 min
Response: 342190
Conc: 2.37 ug/ml



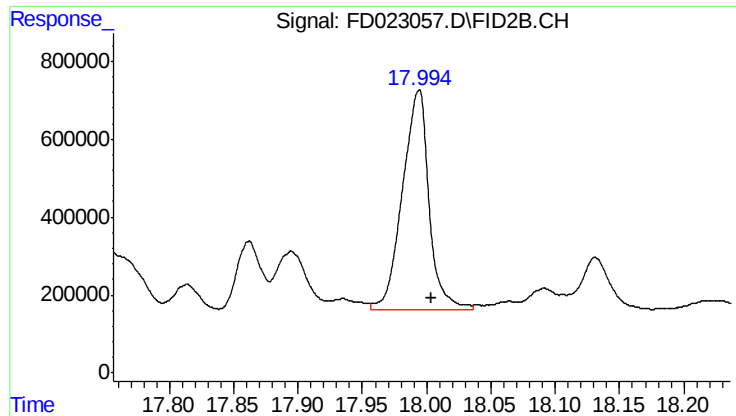
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.739 min
Delta R.T.: -0.011 min
Response: 9801256
Conc: 75.53 ug/ml



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

R.T.: 17.739 min
Delta R.T.: -0.033 min
Response: 9801256
Conc: 58.92 ug/ml



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

R.T.: 17.994 min
Delta R.T.: -0.009 min
Response: 8185421
Conc: 55.23 ug/ml

Instrument :
FID_D
ClientSampleId :