

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043325.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jul 2022 06:05
 Operator : YP/AJ
 Sample : N3806-02
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 22:57:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.621	6832941	44.252 ug/ml
Spiked Amount 50.000		Recovery =	88.50%
6) S 2-Fluorobiphenyl (SURR)	8.484	4447083	42.163 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.33%
11) S ortho-Terphenyl (SURR)	11.529	5150927	28.341 ug/ml
Spiked Amount 50.000		Recovery =	56.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	35499	0.211 ug/ml
2) T Naphthalene (C11.7)	5.986	104505	0.597 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	1754730	10.910 ug/ml
5) T Acenaphthylene (C15.06)	8.341	58530	0.329 ug/ml
7) T Acenaphthene (C15.5)	8.578	158662	0.906 ug/ml
8) T Flouorene (C16.55)	9.361	182293	1.052 ug/ml
9) T Phenanthrene (C19.36)	10.758	377491	2.201 ug/ml
12) T Fluoranthene (C21.85)	12.570	205677	1.226 ug/ml
13) T Pyrene (C20.8)	12.962f	767405	4.709 ug/ml
14) T Benzo[a]anthracene (C...	14.781	158463	1.020 ug/ml
15) T Chrysene (C27.41)	14.781	158463	1.004 ug/ml
16) T benzo[b]fluoranthene ...	16.321	172815	1.134 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	172815	1.181 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	145984	1.021 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	424967	3.396 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	424967	3.161 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	120875	0.927 ug/ml

(f)=RT Delta > 1/2 Window

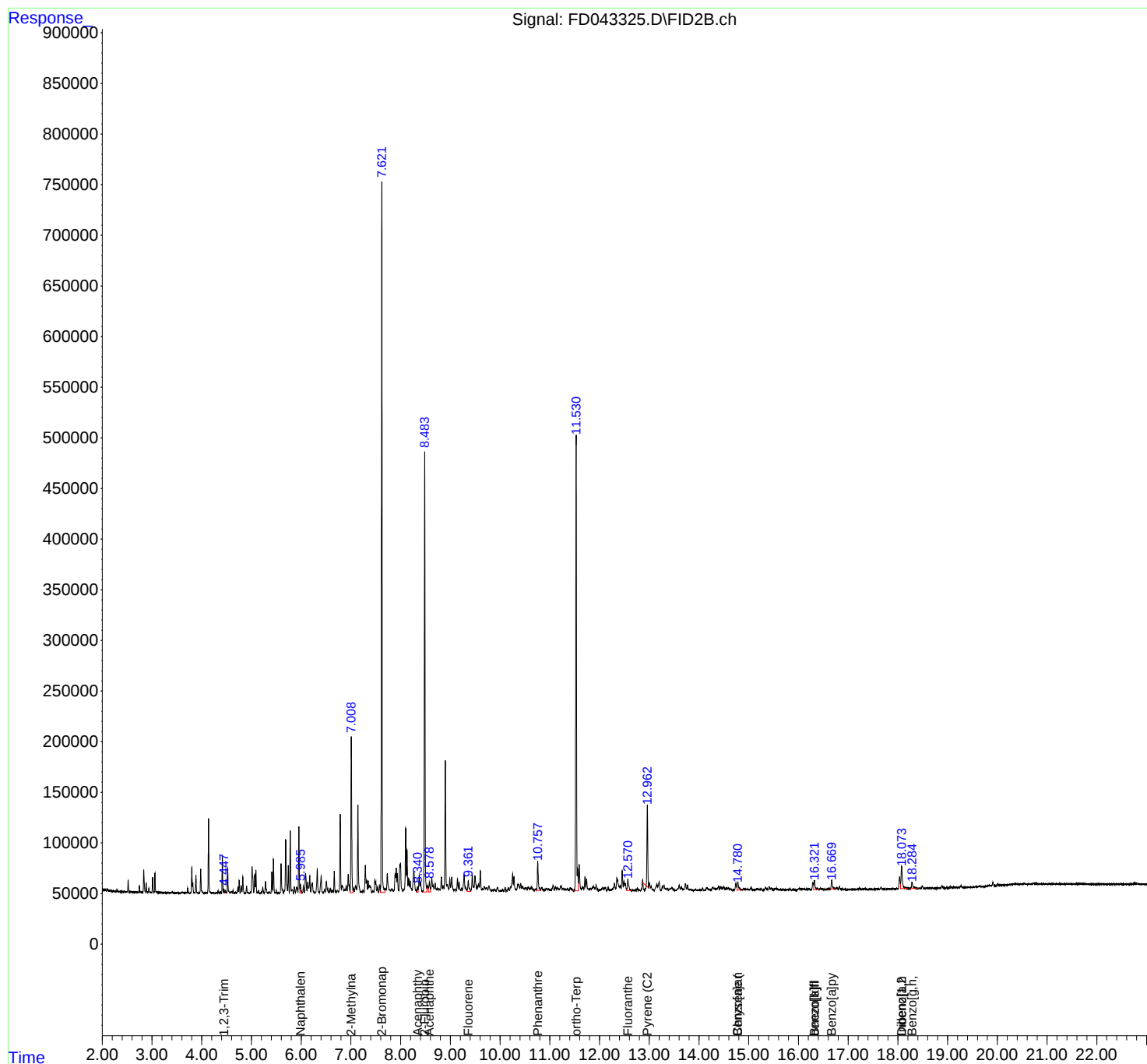
(m)=manual int.

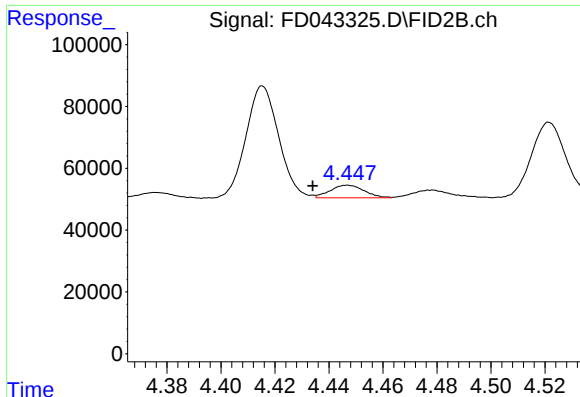
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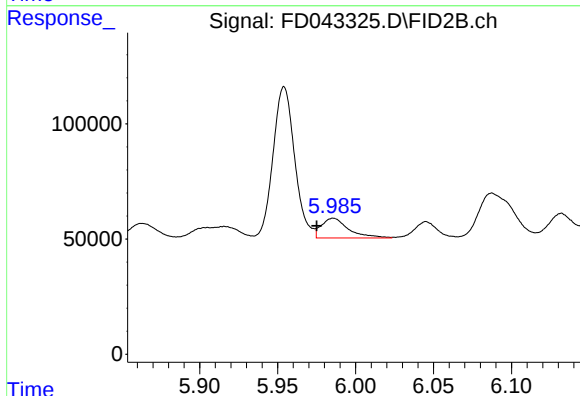




#1 1,2,3-Trimethylbenzene (C10.1)

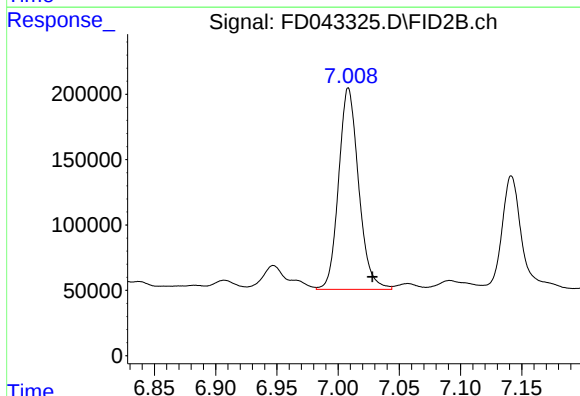
R.T.: 4.447 min
Delta R.T.: 0.013 min
Response: 35499
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



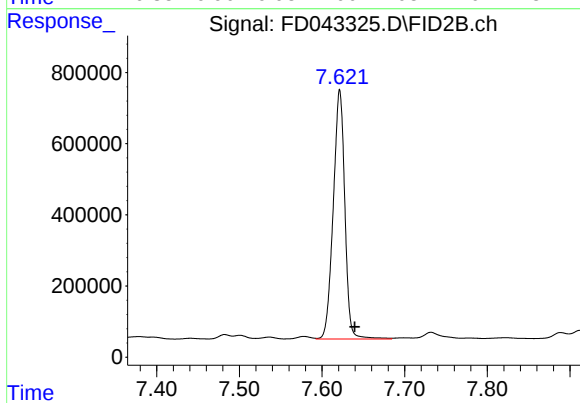
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: 0.011 min
Response: 104505
Conc: 0.60 ug/ml



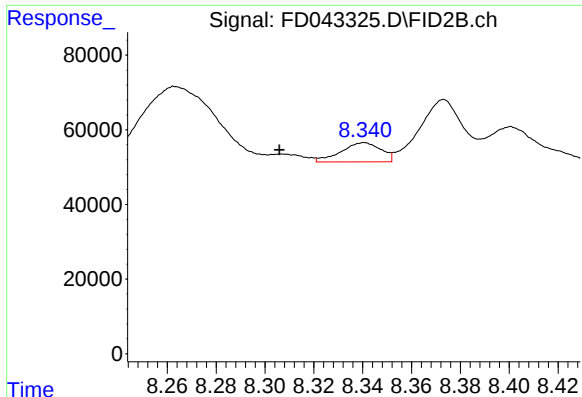
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.020 min
Response: 1754730
Conc: 10.91 ug/ml



#4 2-Bromonaphthalene (SURR)

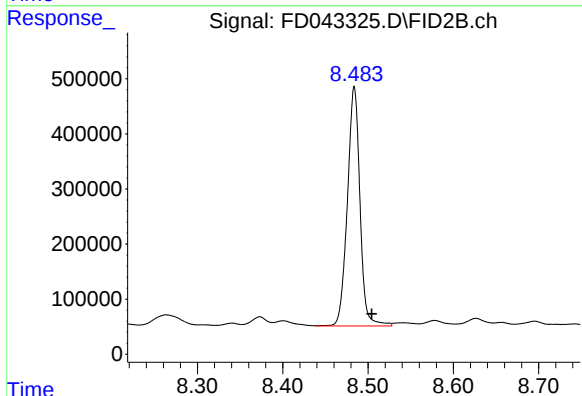
R.T.: 7.621 min
Delta R.T.: -0.018 min
Response: 6832941
Conc: 44.25 ug/ml



#5 Acenaphthylene (C15.06)

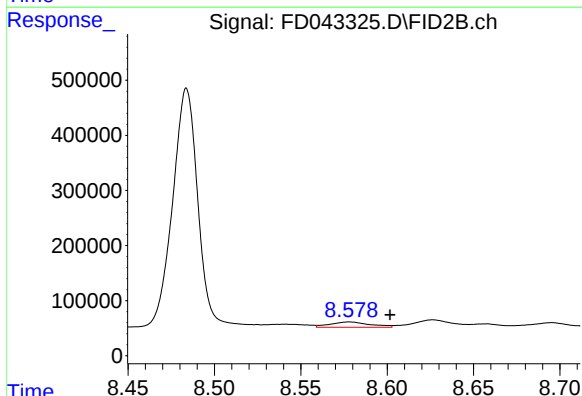
R.T.: 8.341 min
Delta R.T.: 0.035 min
Response: 58530
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



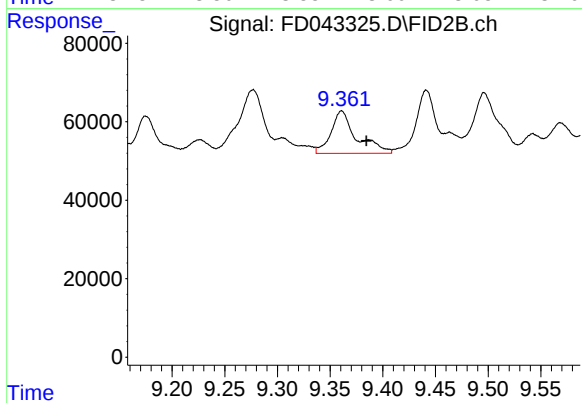
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.020 min
Response: 4447083
Conc: 42.16 ug/ml



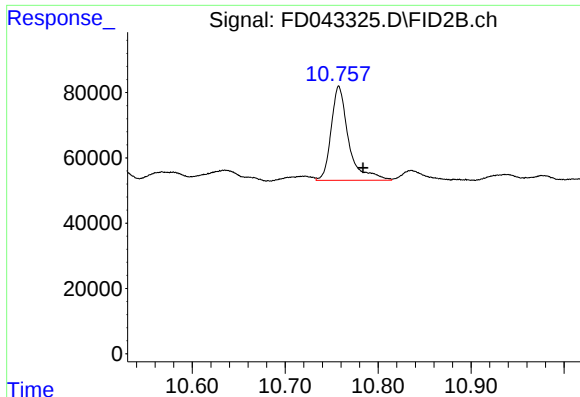
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.024 min
Response: 158662
Conc: 0.91 ug/ml



#8 Fluorene (C16.55)

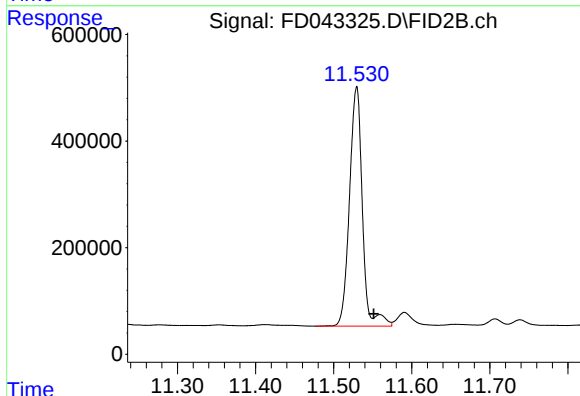
R.T.: 9.361 min
Delta R.T.: -0.024 min
Response: 182293
Conc: 1.05 ug/ml



#9 Phenanthrene (C19.36)

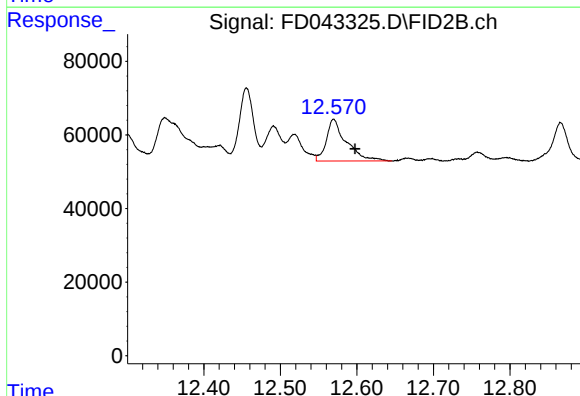
R.T.: 10.758 min
Delta R.T.: -0.026 min
Response: 377491
Conc: 2.20 ug/ml

Instrument :
FID_D
ClientSampleId :



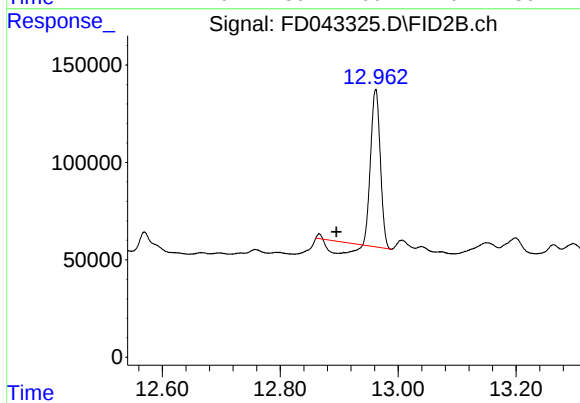
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.022 min
Response: 5150927
Conc: 28.34 ug/ml



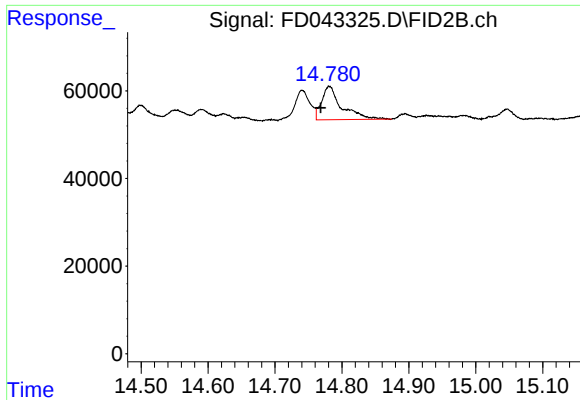
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: -0.028 min
Response: 205677
Conc: 1.23 ug/ml



#13 Pyrene (C20.8)

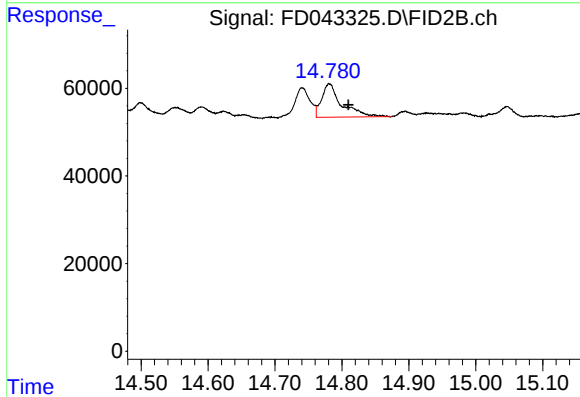
R.T.: 12.962 min
Delta R.T.: 0.067 min
Response: 767405
Conc: 4.71 ug/ml



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

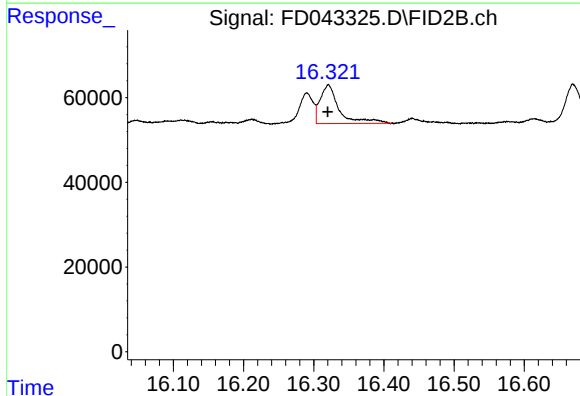
R.T.: 14.781 min
Delta R.T.: 0.013 min
Response: 158463
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :



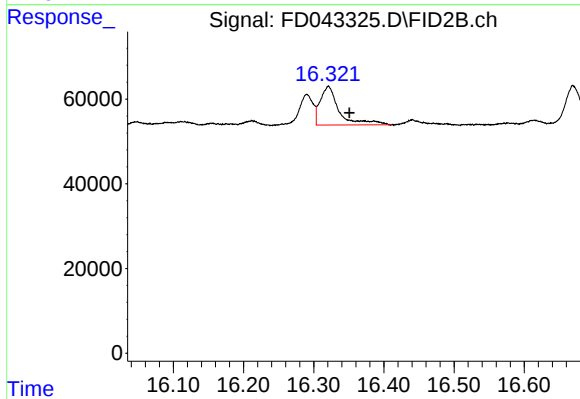
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: -0.029 min
Response: 158463
Conc: 1.00 ug/ml



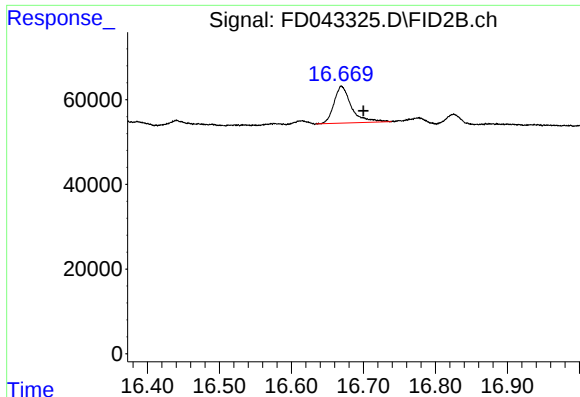
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.321 min
Delta R.T.: 0.000 min
Response: 172815
Conc: 1.13 ug/ml



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

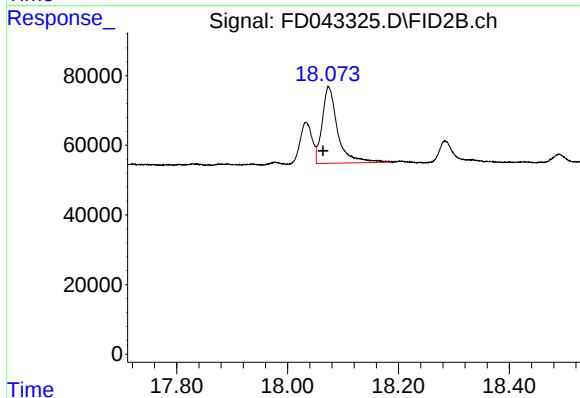
R.T.: 16.321 min
Delta R.T.: -0.030 min
Response: 172815
Conc: 1.18 ug/ml



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

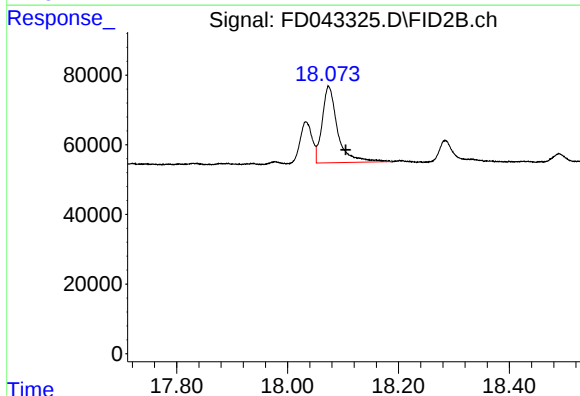
R.T.: 16.670 min
Delta R.T.: -0.030 min
Response: 145984
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :



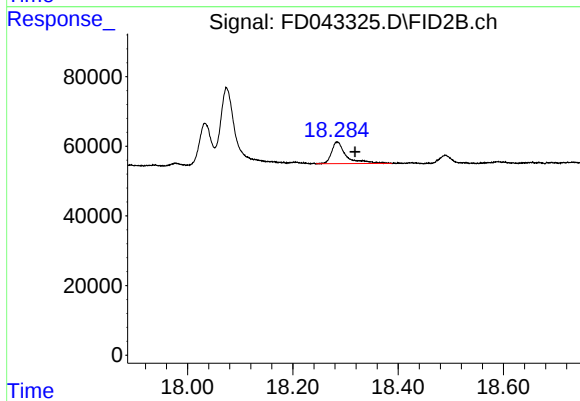
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: 0.010 min
Response: 424967
Conc: 3.40 ug/ml



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

R.T.: 18.074 min
Delta R.T.: -0.030 min
Response: 424967
Conc: 3.16 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.034 min
Response: 120875
Conc: 0.93 ug/ml