

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045420.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 22:04
 Operator : YP/AJ
 Sample : 02213-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 07:14:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.549	6505883	47.485 ug/ml
Spiked Amount 50.000		Recovery =	94.97%
6) S 2-Fluorobiphenyl (SURR)	8.404	4210847	46.971 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	93.94%
11) S ortho-Terphenyl (SURR)	11.445	6707726	38.554 ug/ml
Spiked Amount 50.000		Recovery =	77.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	617106	3.961 ug/ml
2) T Naphthalene (C11.7)	5.886	702259	4.370 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	700088	4.373 ug/ml
5) T Acenaphthylene (C15.06)	8.205	651092	4.447 ug/ml
7) T Acenaphthene (C15.5)	8.500	691677	4.459 ug/ml
8) T Fluorene (C16.55)	9.279	679976	4.585 ug/ml
9) T Phenanthrene (C19.36)	10.669	647715	4.471 ug/ml
10) T Anthracene (C19.43)	10.742	620852	4.492 ug/ml
12) T Fluoranthene (C21.85)	12.472	652829	4.538 ug/ml
13) T Pyrene (C20.8)	12.767	655275	4.661 ug/ml
14) T Benzo[a]anthracene (C...	14.630	592261	4.618 ug/ml
15) T Chrysene (C27.41)	14.671	614063	4.631 ug/ml
16) T benzo[b]fluoranthene ...	16.171	576906	4.441 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	574318	4.535 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	503073	4.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	478711	4.045 ug/ml
20) T Dibenz[a,h]anthracene...	17.946	500615	4.202 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	511750	4.097 ug/ml

(f)=RT Delta > 1/2 Window

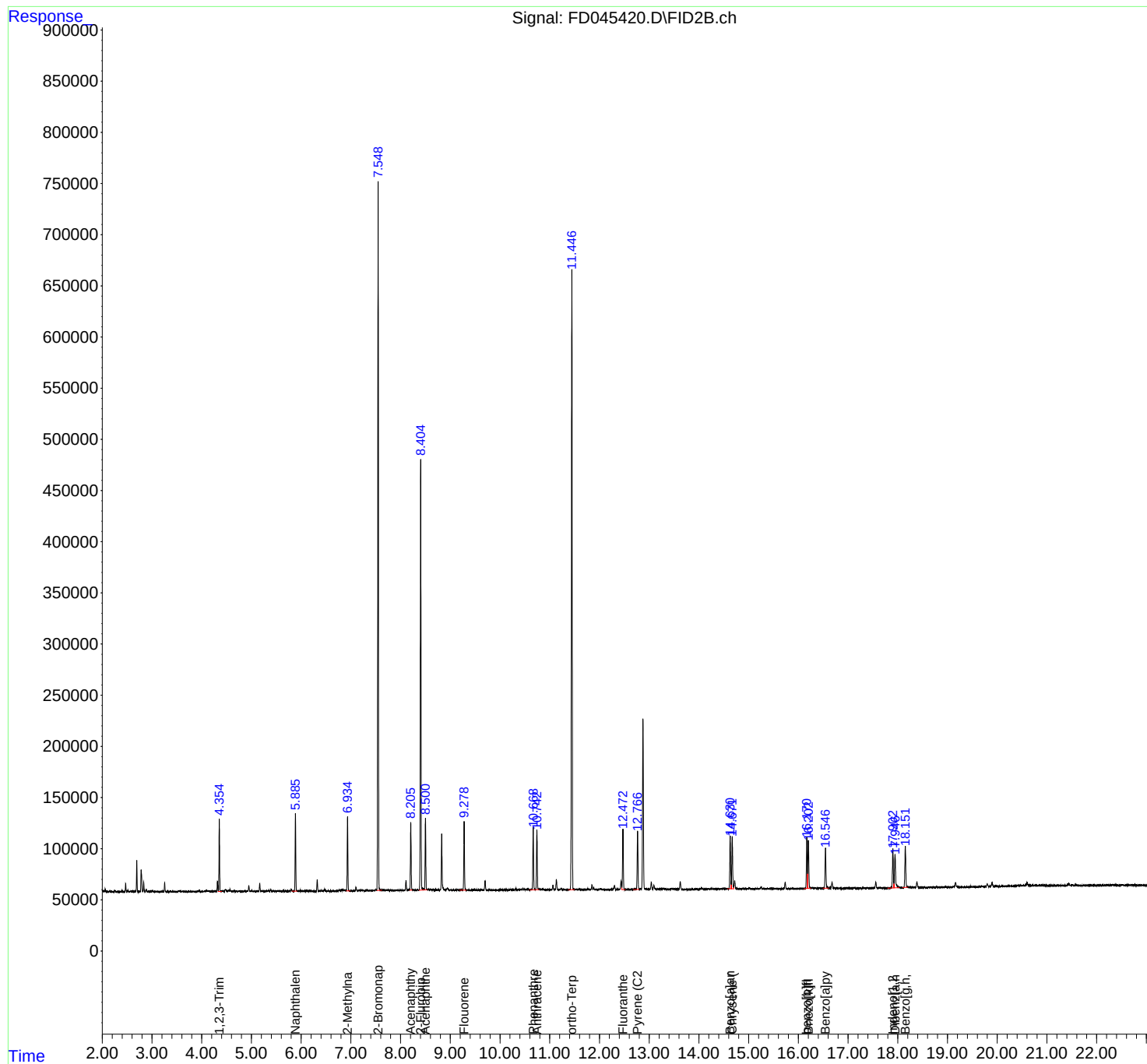
(m)=manual int.

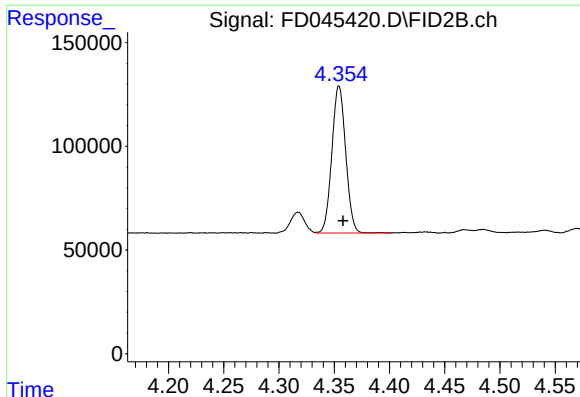
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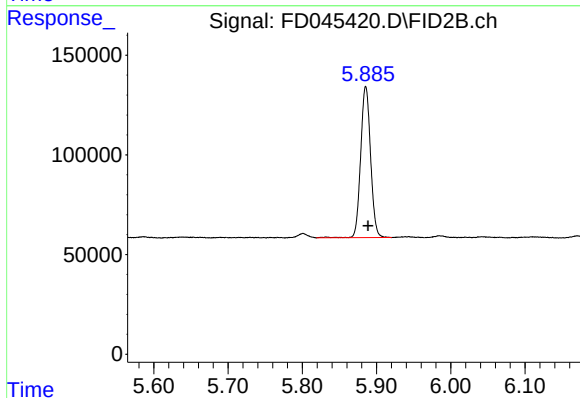




#1 1,2,3-Trimethylbenzene (C10.1)

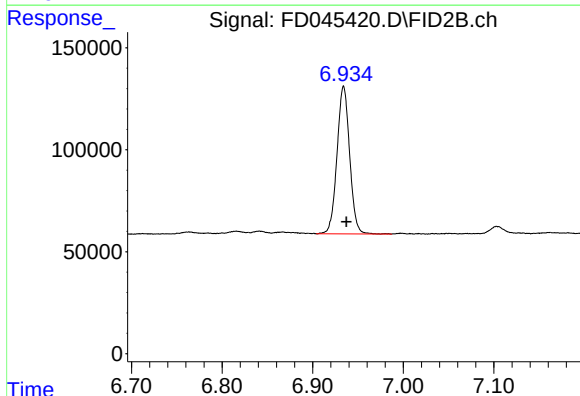
R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 617106
Conc: 3.96 ug/ml

Instrument :
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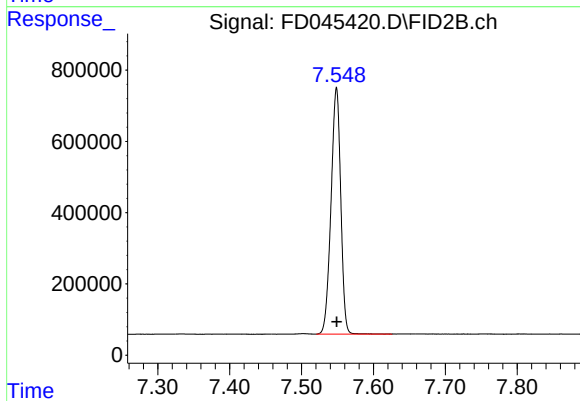
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 702259
Conc: 4.37 ug/ml



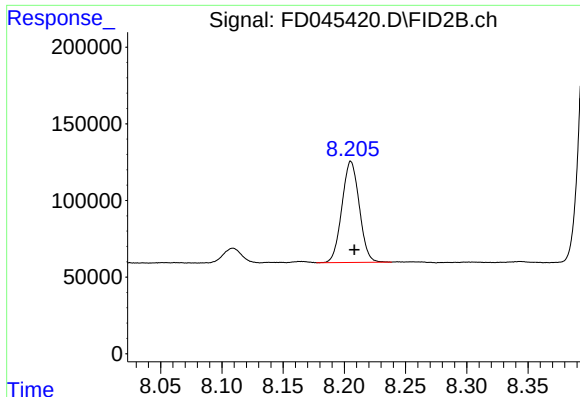
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 700088
Conc: 4.37 ug/ml



#4 2-Bromonaphthalene (SURR)

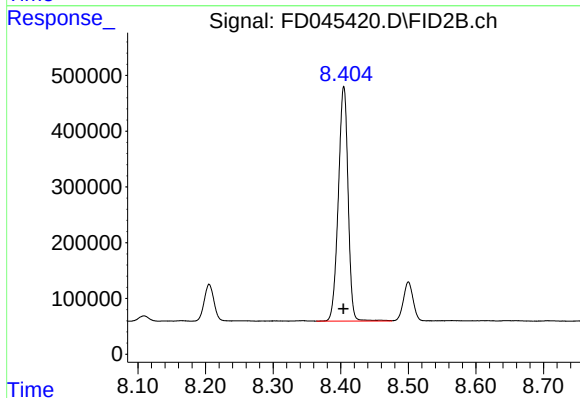
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 6505883
Conc: 47.49 ug/ml



#5 Acenaphthylene (C15.06)

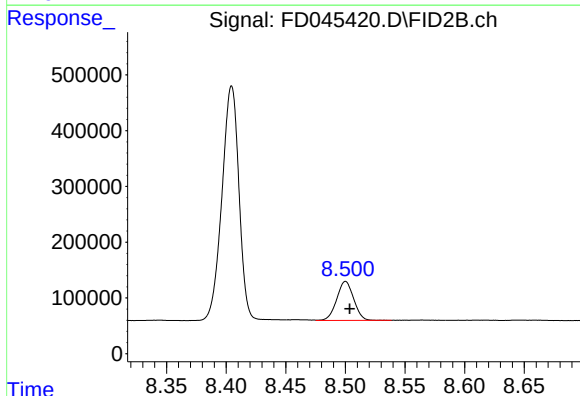
R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 651092
Conc: 4.45 ug/ml

Instrument :
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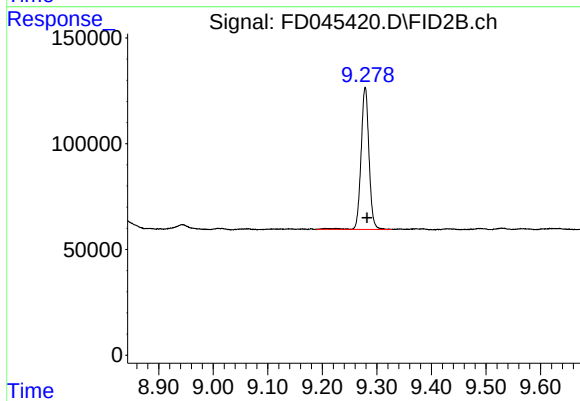
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 4210847
Conc: 46.97 ug/ml



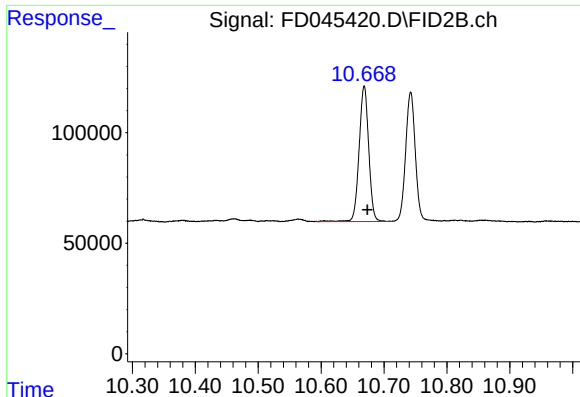
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 691677
Conc: 4.46 ug/ml



#8 Fluorene (C16.55)

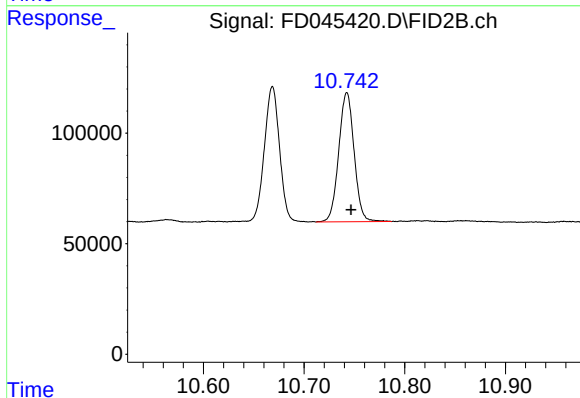
R.T.: 9.279 min
Delta R.T.: -0.003 min
Response: 679976
Conc: 4.59 ug/ml



#9 Phenanthrene (C19.36)

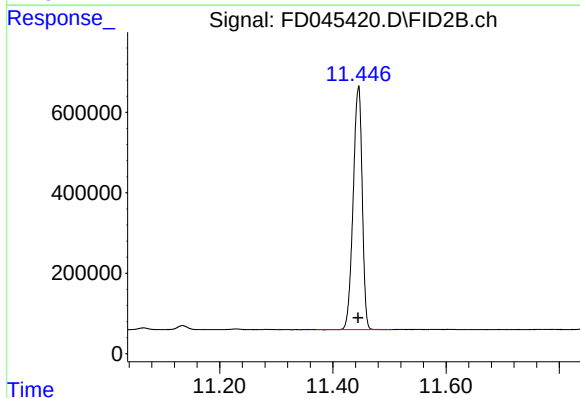
R.T.: 10.669 min
Delta R.T.: -0.005 min
Response: 647715
Conc: 4.47 ug/ml

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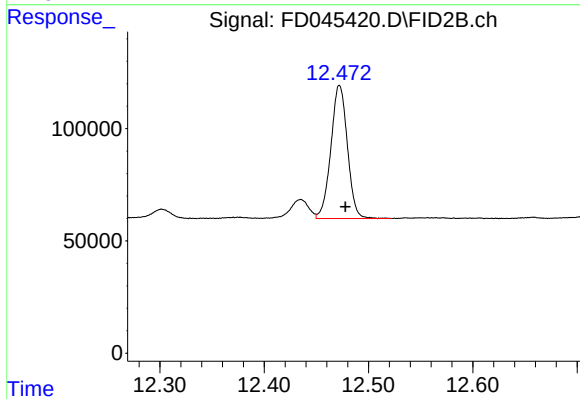
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.004 min
Response: 620852
Conc: 4.49 ug/ml



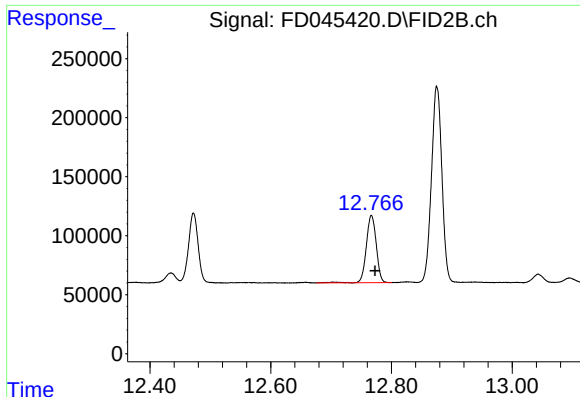
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: 0.000 min
Response: 6707726
Conc: 38.55 ug/ml



#12 Fluoranthene (C21.85)

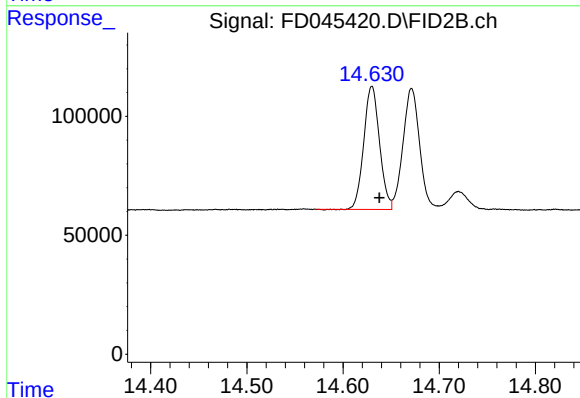
R.T.: 12.472 min
Delta R.T.: -0.006 min
Response: 652829
Conc: 4.54 ug/ml



#13 Pyrene (C20.8)

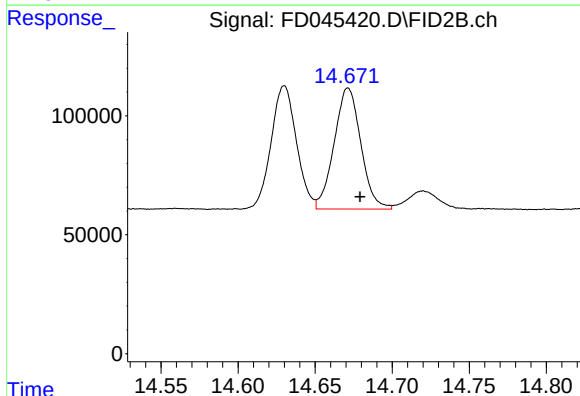
R.T.: 12.767 min
Delta R.T.: -0.006 min
Response: 655275
Conc: 4.66 ug/ml

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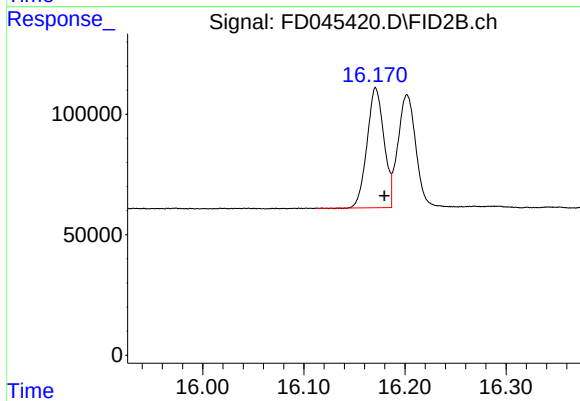
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.630 min
Delta R.T.: -0.008 min
Response: 592261
Conc: 4.62 ug/ml



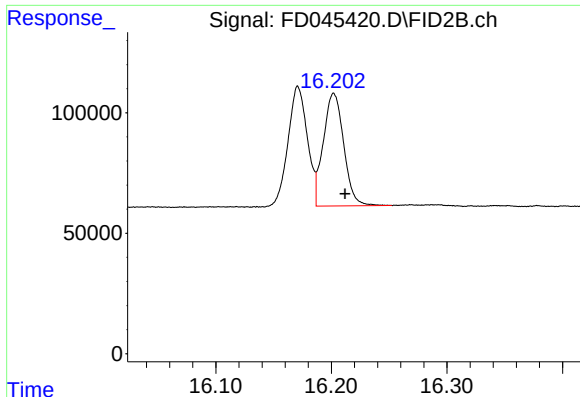
#15 Chrysene (C27.41)

R.T.: 14.671 min
Delta R.T.: -0.008 min
Response: 614063
Conc: 4.63 ug/ml



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

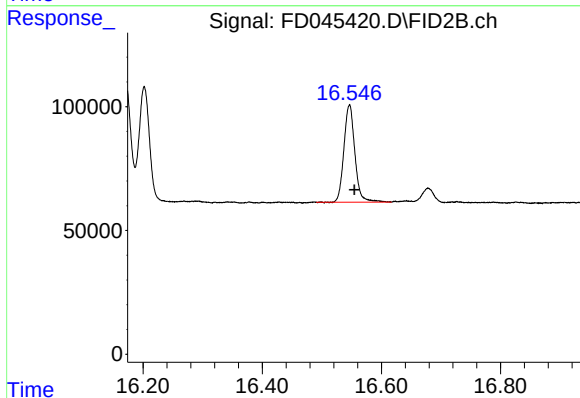
R.T.: 16.171 min
Delta R.T.: -0.008 min
Response: 576906
Conc: 4.44 ug/ml



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

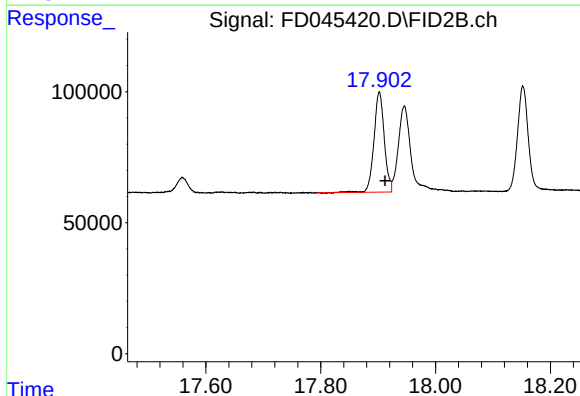
R.T.: 16.202 min
Delta R.T.: -0.010 min
Response: 574318
Conc: 4.53 ug/ml

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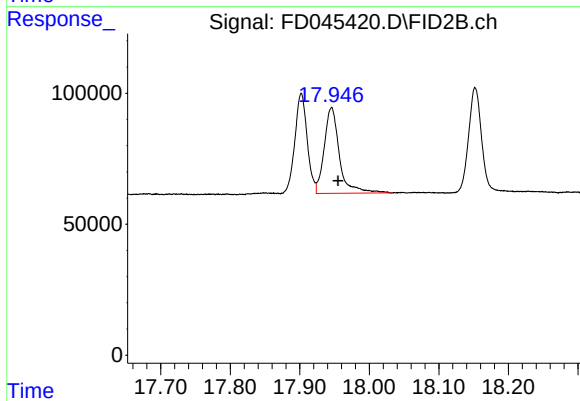
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.546 min
Delta R.T.: -0.009 min
Response: 503073
Conc: 4.00 ug/ml



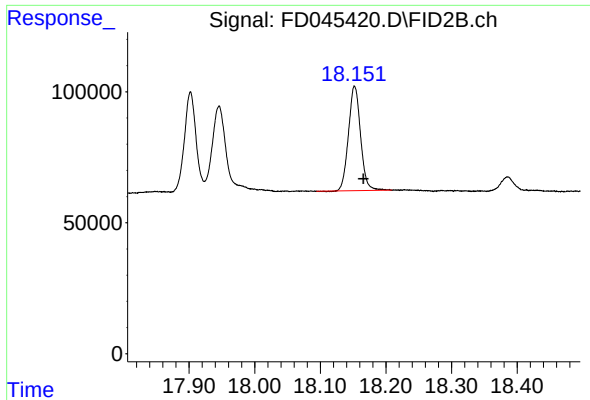
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: -0.010 min
Response: 478711
Conc: 4.04 ug/ml



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

R.T.: 17.946 min
Delta R.T.: -0.010 min
Response: 500615
Conc: 4.20 ug/ml



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

R.T.: 18.152 min
Delta R.T.: -0.013 min
Response: 511750
Conc: 4.10 ug/ml

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