

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045419.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 21:15
 Operator : YP/AJ
 Sample : 02213-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 07:14:15 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	6314419	46.088 ug/ml
Spiked Amount 50.000		Recovery =	92.18%
6) S 2-Fluorobiphenyl (SURR)	8.405	4095422	45.684 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	91.37%
11) S ortho-Terphenyl (SURR)	11.446	6367938	36.601 ug/ml
Spiked Amount 50.000		Recovery =	73.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	479065	3.075 ug/ml
2) T Naphthalene (C11.7)	5.886	539479	3.357 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	547494	3.420 ug/ml
5) T Acenaphthylene (C15.06)	8.206	524957	3.585 ug/ml
7) T Acenaphthene (C15.5)	8.500	537744	3.467 ug/ml
8) T Fluorene (C16.55)	9.279	532606	3.592 ug/ml
9) T Phenanthrene (C19.36)	10.669	484807	3.347 ug/ml
10) T Anthracene (C19.43)	10.743	477045	3.451 ug/ml
12) T Fluoranthene (C21.85)	12.472	495993	3.447 ug/ml
13) T Pyrene (C20.8)	12.767	490763	3.490 ug/ml
14) T Benzo[a]anthracene (C...	14.631	449019	3.501 ug/ml
15) T Chrysene (C27.41)	14.672	467695	3.527 ug/ml
16) T benzo[b]fluoranthene ...	16.171	427991	3.295 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	429797	3.393 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	371342	2.954 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	377664	3.191 ug/ml
20) T Dibenz[a,h]anthracene...	17.946	427069	3.585 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	406770	3.257 ug/ml

(f)=RT Delta > 1/2 Window

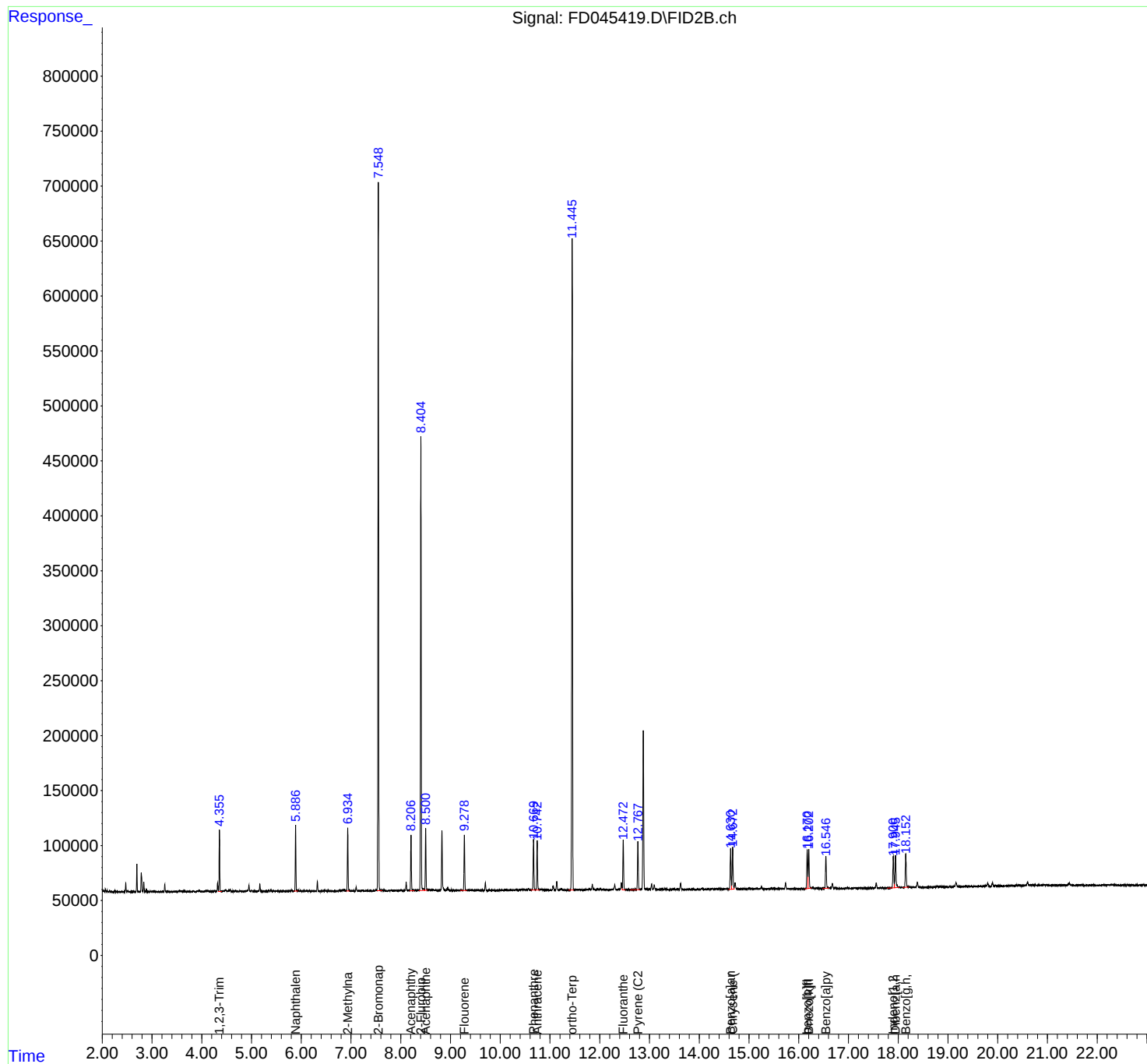
(m)=manual int.

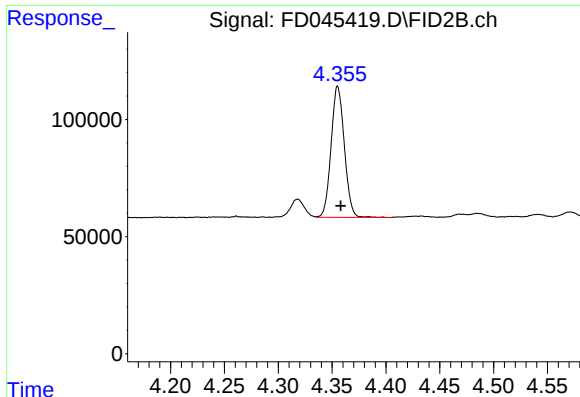
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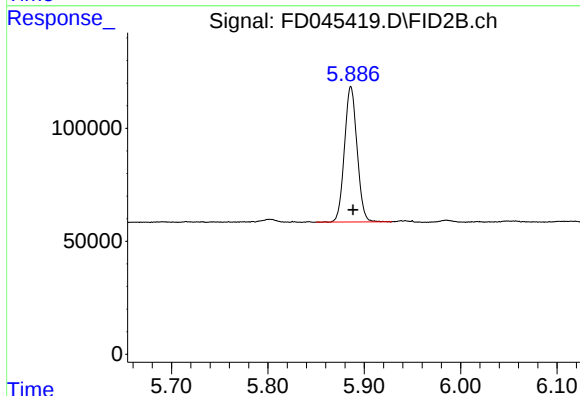




#1 1,2,3-Trimethylbenzene (C10.1)

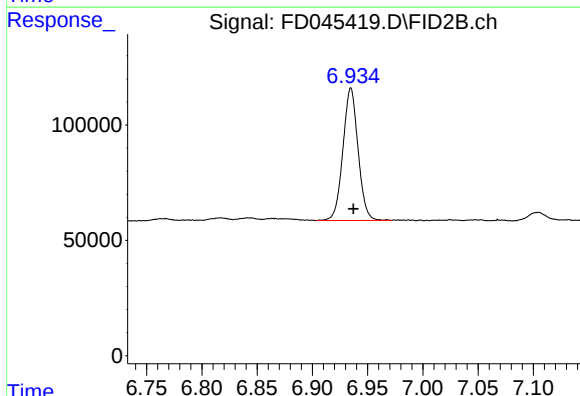
R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 479065
Conc: 3.08 ug/ml

Instrument :
FID_D
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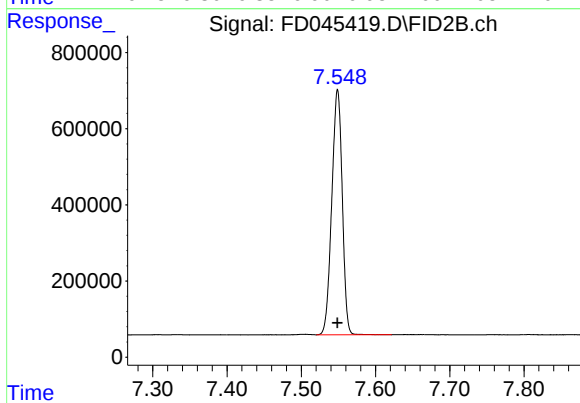
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 539479
Conc: 3.36 ug/ml



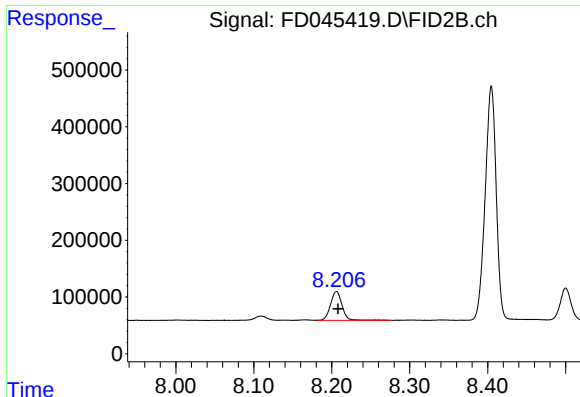
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 547494
Conc: 3.42 ug/ml



#4 2-Bromonaphthalene (SURR)

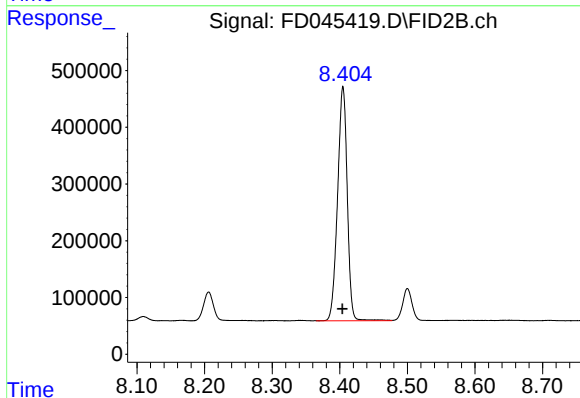
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 6314419
Conc: 46.09 ug/ml



#5 Acenaphthylene (C15.06)

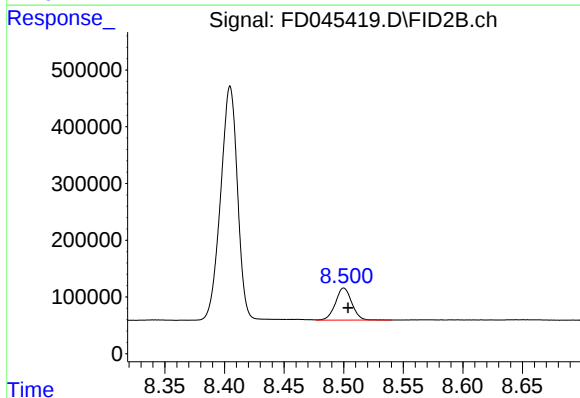
R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 524957
Conc: 3.59 ug/ml

Instrument :
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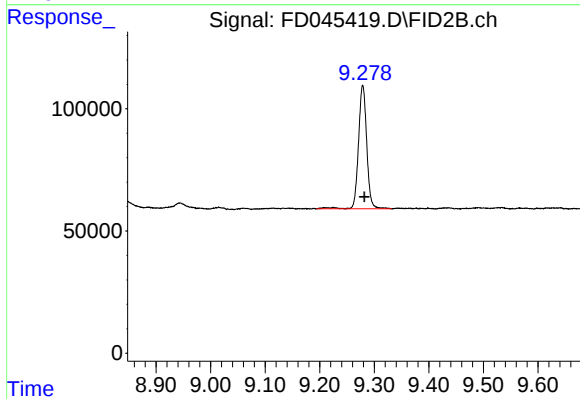
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 4095422
Conc: 45.68 ug/ml



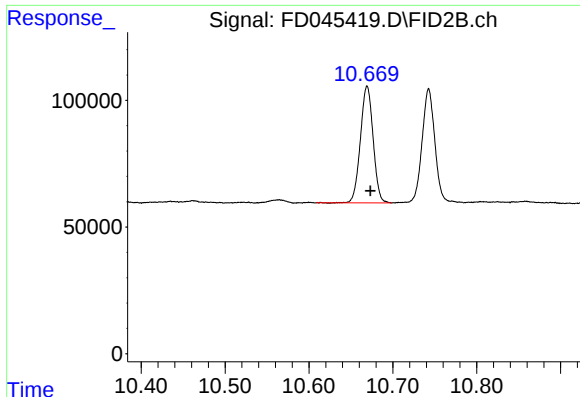
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 537744
Conc: 3.47 ug/ml



#8 Fluorene (C16.55)

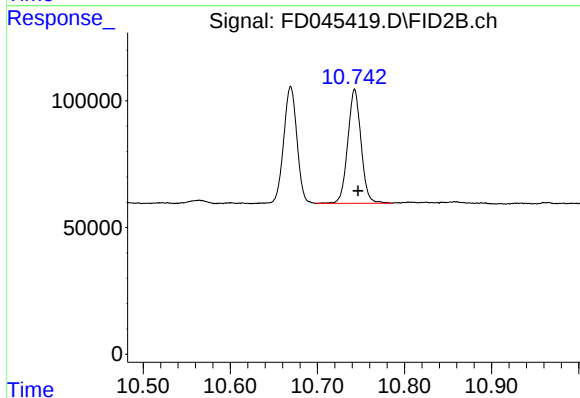
R.T.: 9.279 min
Delta R.T.: -0.003 min
Response: 532606
Conc: 3.59 ug/ml



#9 Phenanthrene (C19.36)

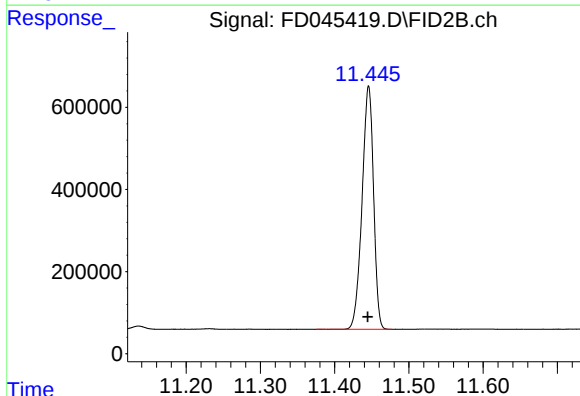
R.T.: 10.669 min
Delta R.T.: -0.004 min
Response: 484807
Conc: 3.35 ug/ml

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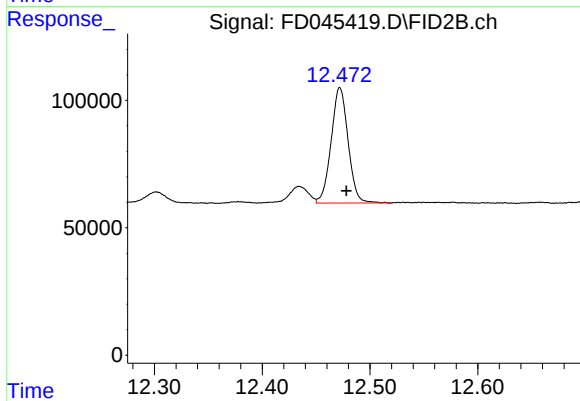
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.004 min
Response: 477045
Conc: 3.45 ug/ml



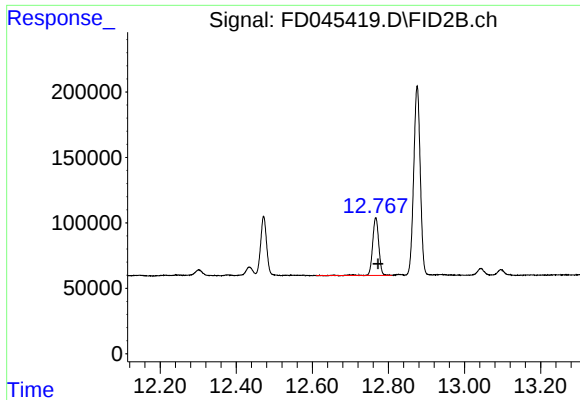
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: 0.001 min
Response: 6367938
Conc: 36.60 ug/ml



#12 Fluoranthene (C21.85)

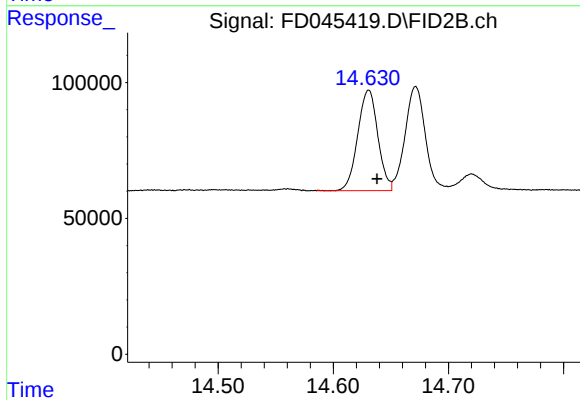
R.T.: 12.472 min
Delta R.T.: -0.006 min
Response: 495993
Conc: 3.45 ug/ml



#13 Pyrene (C20.8)

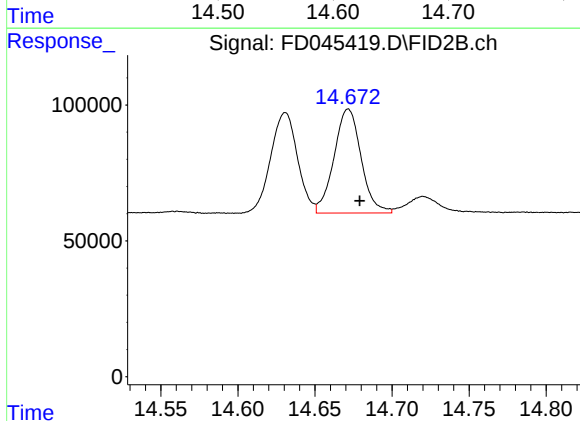
R.T.: 12.767 min
Delta R.T.: -0.006 min
Response: 490763
Conc: 3.49 ug/ml

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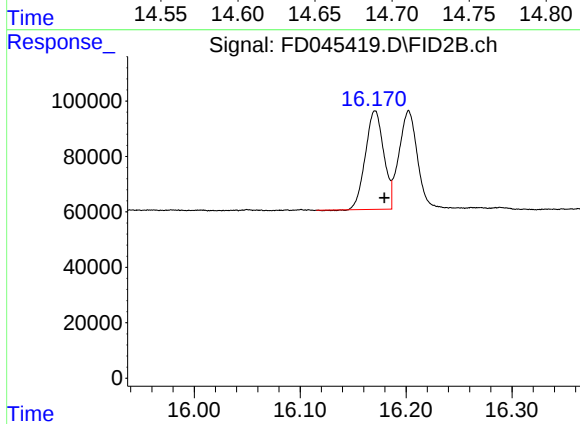
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: -0.007 min
Response: 449019
Conc: 3.50 ug/ml



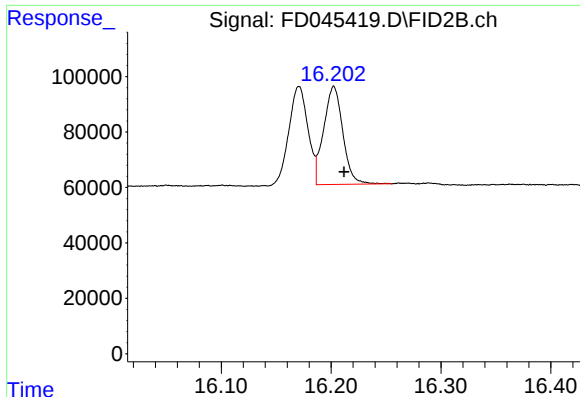
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: -0.008 min
Response: 467695
Conc: 3.53 ug/ml



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

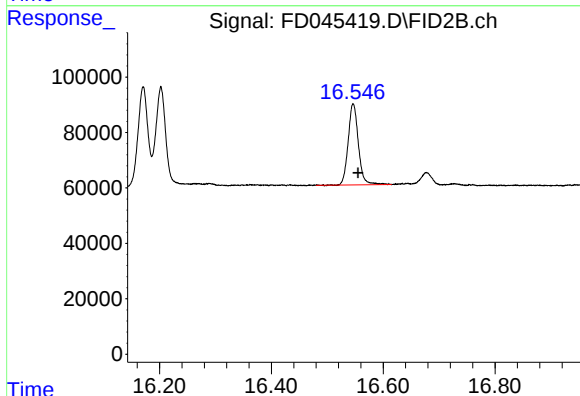
R.T.: 16.171 min
Delta R.T.: -0.009 min
Response: 427991
Conc: 3.29 ug/ml



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

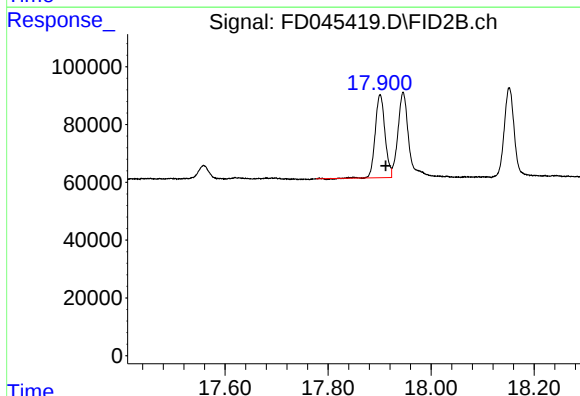
R.T.: 16.202 min
Delta R.T.: -0.009 min
Response: 429797
Conc: 3.39 ug/ml

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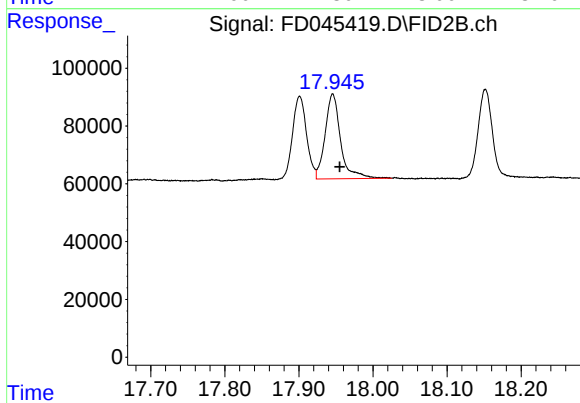
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.546 min
Delta R.T.: -0.008 min
Response: 371342
Conc: 2.95 ug/ml



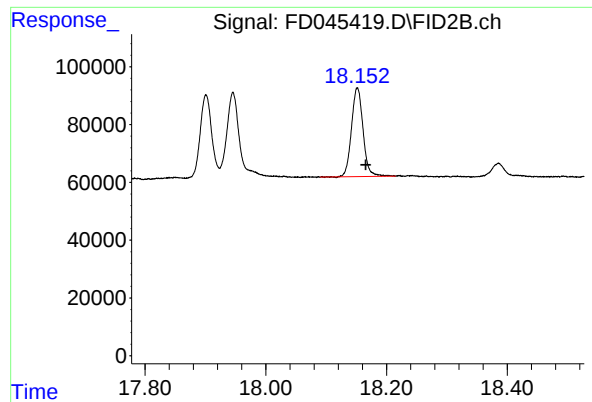
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.901 min
Delta R.T.: -0.011 min
Response: 377664
Conc: 3.19 ug/ml



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

R.T.: 17.946 min
Delta R.T.: -0.010 min
Response: 427069
Conc: 3.58 ug/ml



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

R.T.: 18.152 min
Delta R.T.: -0.014 min
Response: 406770
Conc: 3.26 ug/ml

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