

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045430.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 05:56
 Operator : YP/AJ
 Sample : 02213-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 69 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Apr 07 07:16:03 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...	7.548	6296193	45.955 ug/ml
Spiked Amount 50.000		Recovery =	91.91%
6) S 2-Fluorobiphenyl (SURR)	8.404	4106380	45.806 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.61%
11) S ortho-Terphenyl (SURR)	11.444	6503476	37.380 ug/ml
Spiked Amount 50.000		Recovery =	74.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	591524	3.797 ug/ml
2) T Naphthalene (C11.7)	5.886	672284	4.183 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	680899	4.253 ug/ml
5) T Acenaphthylene (C15.06)	8.205	647126	4.420 ug/ml
7) T Acenaphthene (C15.5)	8.500	679237	4.379 ug/ml
8) T Flouorene (C16.55)	9.278	660554	4.455 ug/ml
9) T Phenanthrene (C19.36)	10.667	630507	4.353 ug/ml
10) T Anthracene (C19.43)	10.741	615152	4.450 ug/ml
12) T Fluoranthene (C21.85)	12.470	630148	4.380 ug/ml
13) T Pyrene (C20.8)	12.765	643725	4.578 ug/ml
14) T Benzo[a]anthracene (C...	14.629	581227	4.532 ug/ml
15) T Chrysene (C27.41)	14.669	599683	4.522 ug/ml
16) T benzo[b]fluoranthene ...	16.169	584437	4.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	583183	4.605 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	512610	4.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	491759	4.155 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	501081	4.206 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	523751	4.193 ug/ml

(f)=RT Delta > 1/2 Window

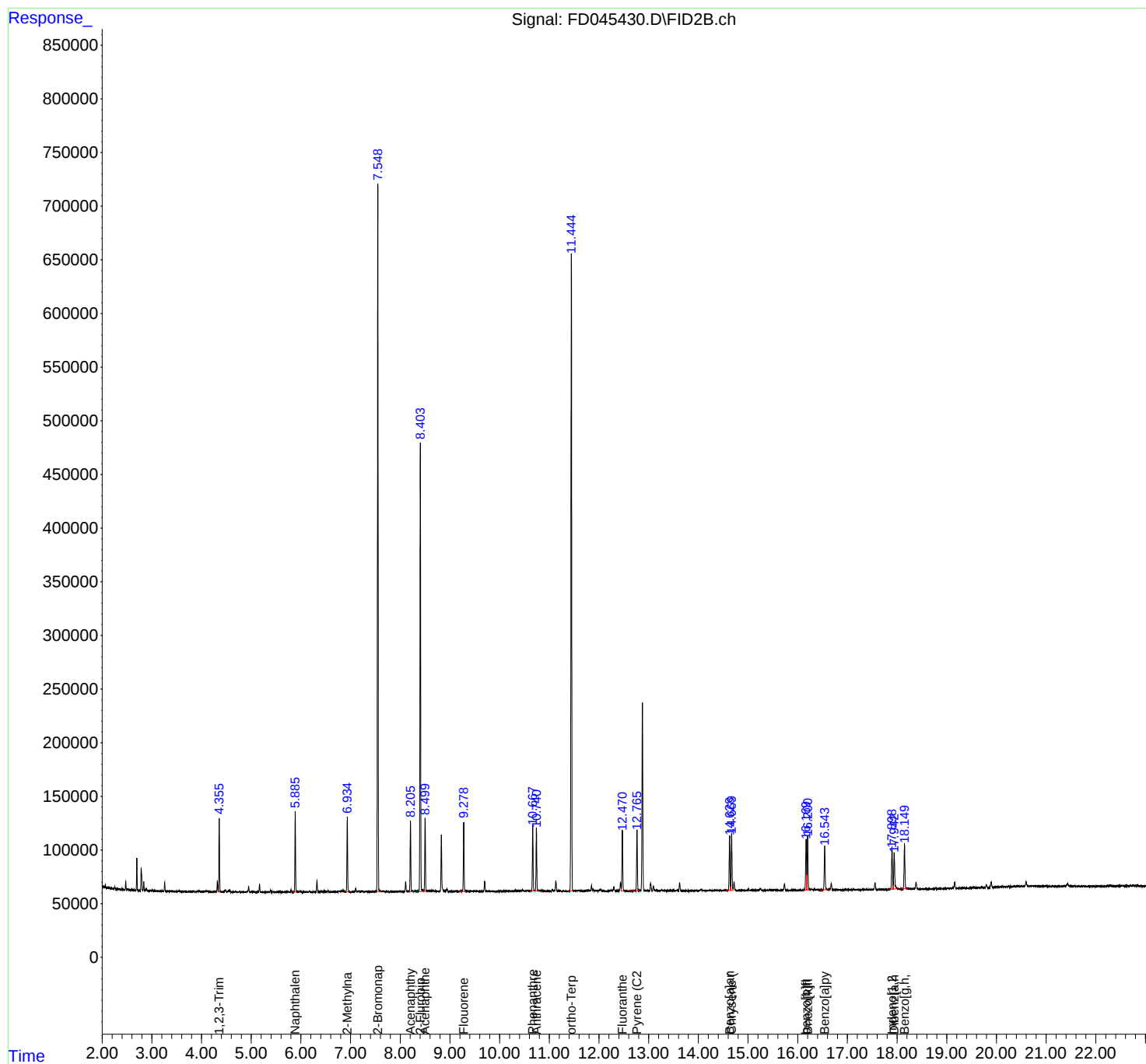
(m)=manual int.

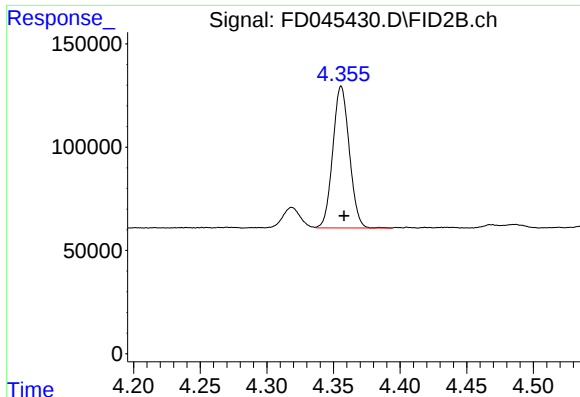
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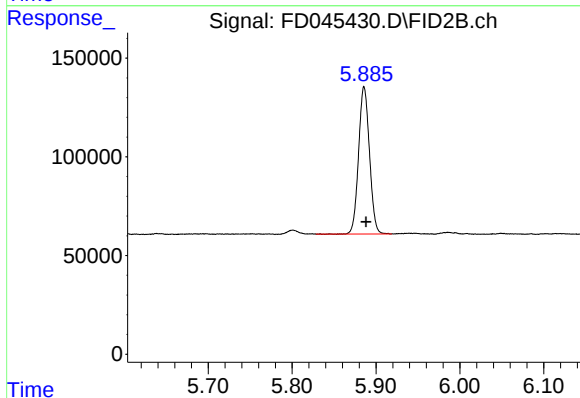




#1 1,2,3-Trimethylbenzene (C10.1)

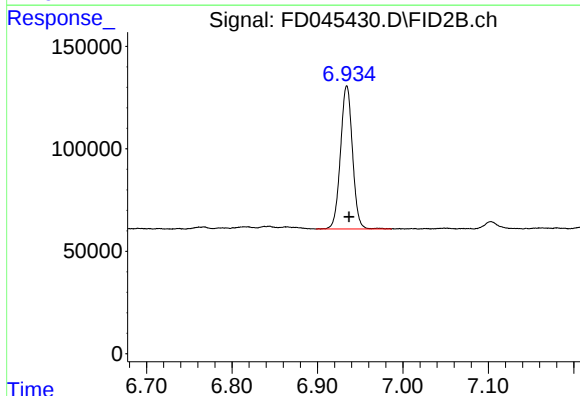
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 591524
Conc: 3.80 ug/ml

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



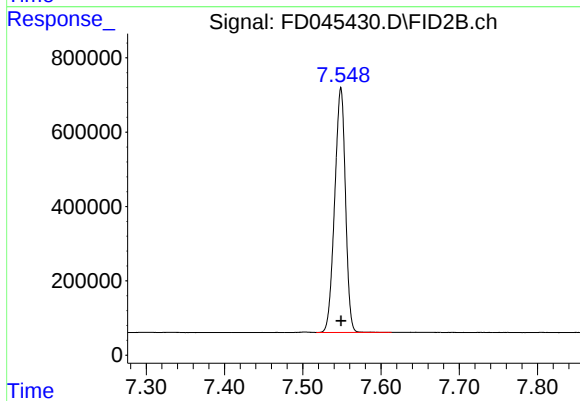
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 672284
Conc: 4.18 ug/ml



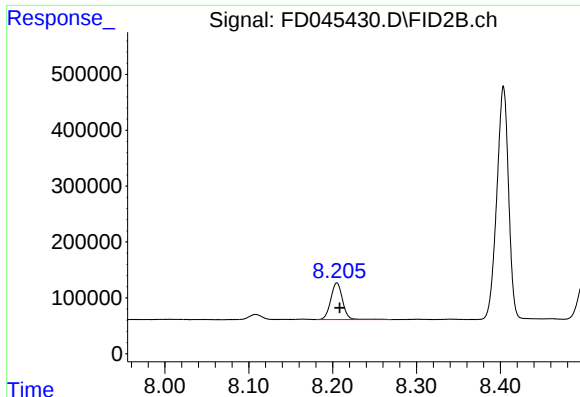
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 680899
Conc: 4.25 ug/ml



#4 2-Bromonaphthalene (SURR)

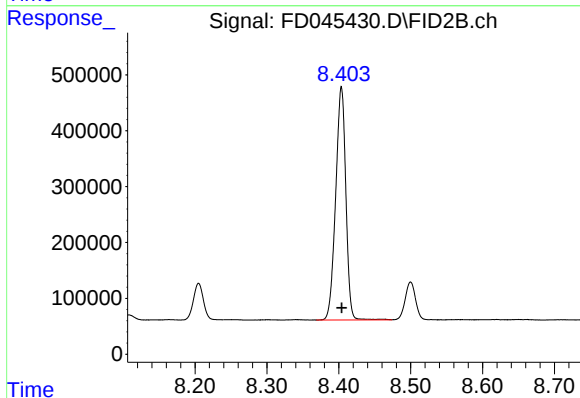
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 6296193
Conc: 45.95 ug/ml



#5 Acenaphthylene (C15.06)

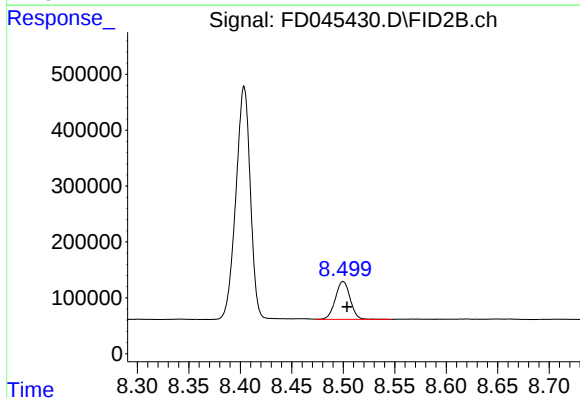
R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 647126
Conc: 4.42 ug/ml

Instrument :
FID_D
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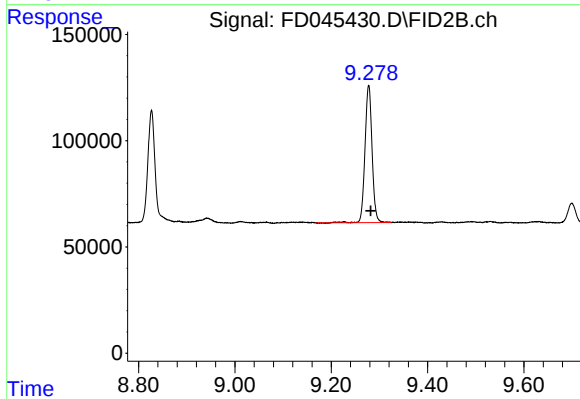
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 4106380
Conc: 45.81 ug/ml



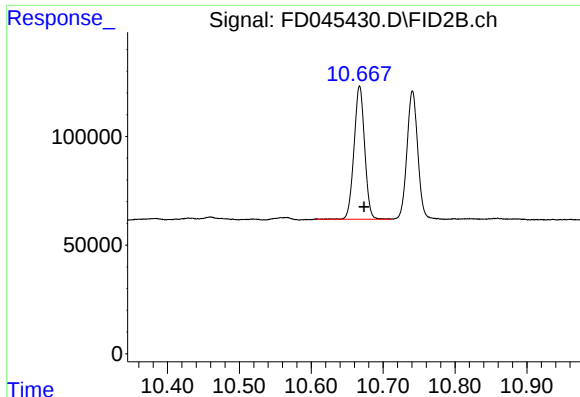
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 679237
Conc: 4.38 ug/ml



#8 Fluorene (C16.55)

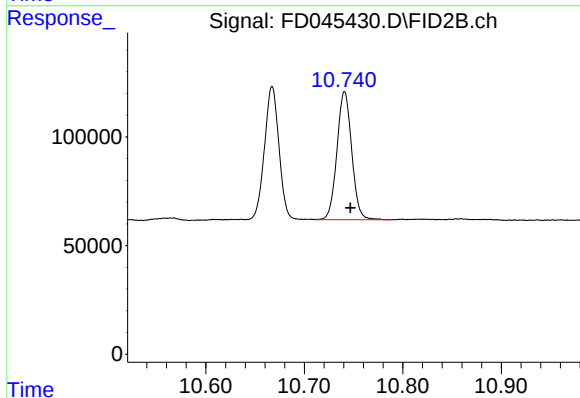
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 660554
Conc: 4.45 ug/ml



#9 Phenanthrene (C19.36)

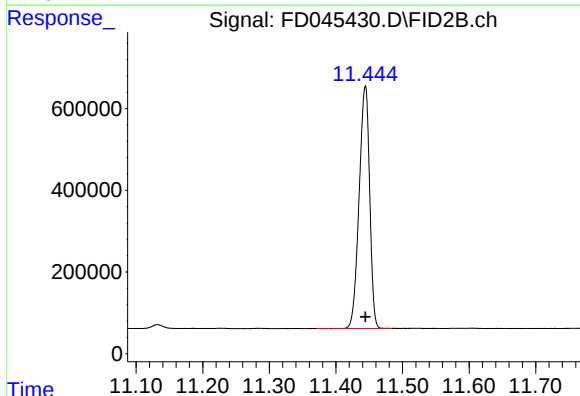
R.T.: 10.667 min
Delta R.T.: -0.006 min
Response: 630507
Conc: 4.35 ug/ml

Instrument :
FID_D
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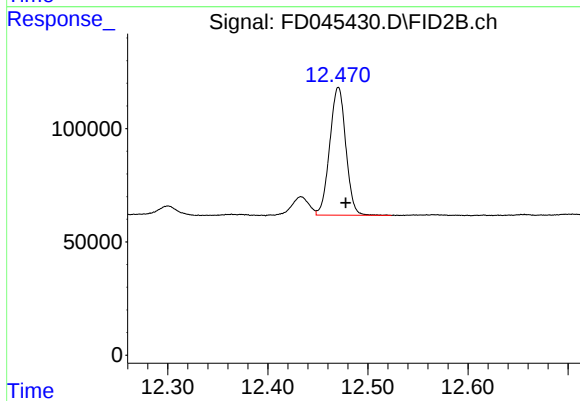
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.006 min
Response: 615152
Conc: 4.45 ug/ml



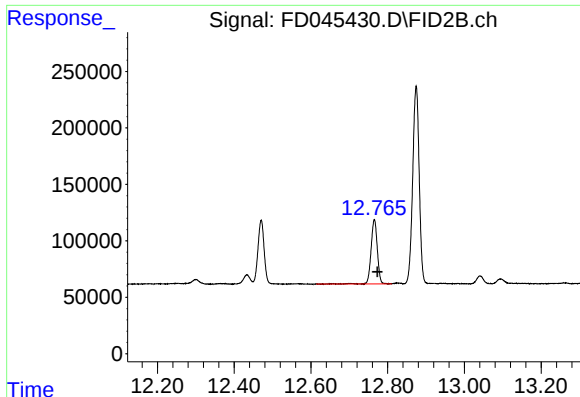
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 6503476
Conc: 37.38 ug/ml



#12 Fluoranthene (C21.85)

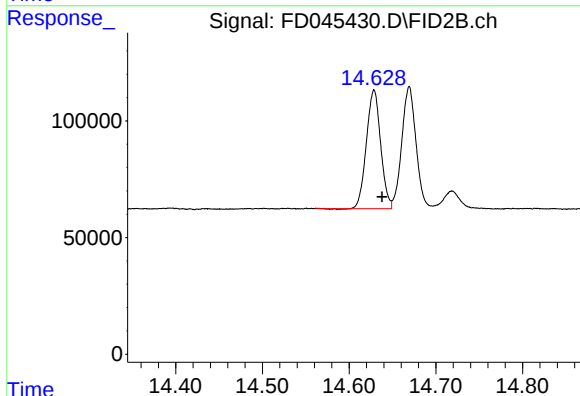
R.T.: 12.470 min
Delta R.T.: -0.008 min
Response: 630148
Conc: 4.38 ug/ml



#13 Pyrene (C20.8)

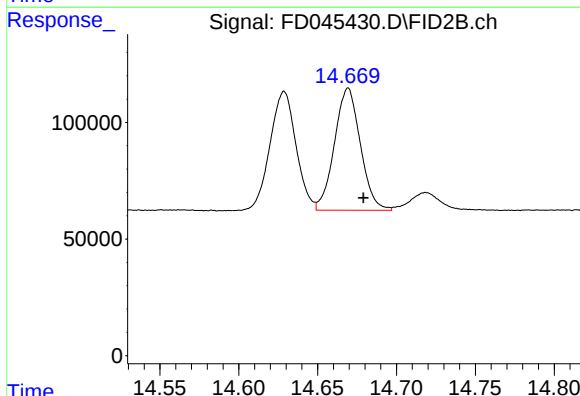
R.T.: 12.765 min
Delta R.T.: -0.008 min
Response: 643725
Conc: 4.58 ug/ml

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



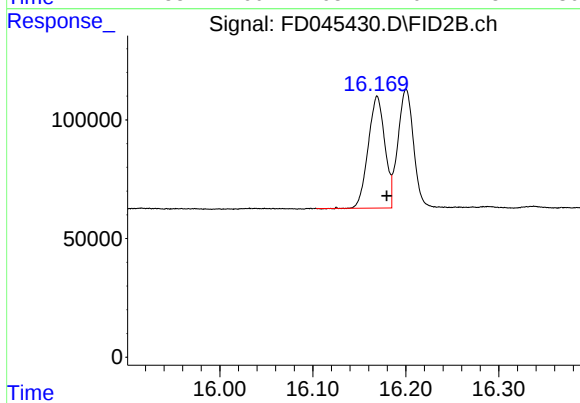
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.009 min
Response: 581227
Conc: 4.53 ug/ml



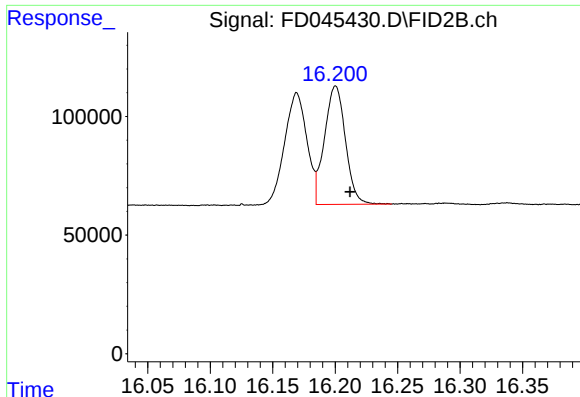
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.010 min
Response: 599683
Conc: 4.52 ug/ml



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

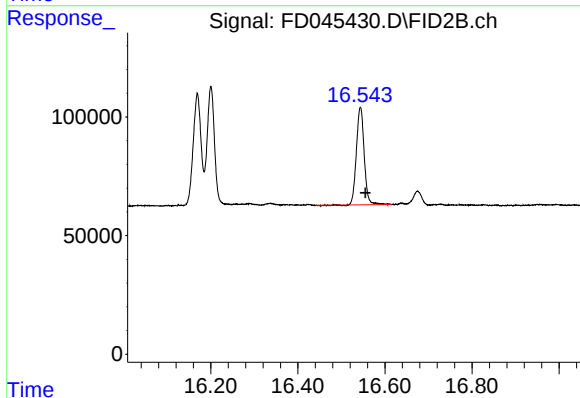
R.T.: 16.169 min
Delta R.T.: -0.010 min
Response: 584437
Conc: 4.50 ug/ml



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

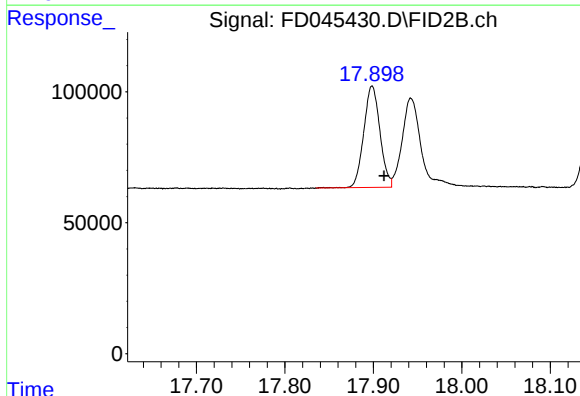
R.T.: 16.200 min
Delta R.T.: -0.012 min
Response: 583183
Conc: 4.60 ug/ml

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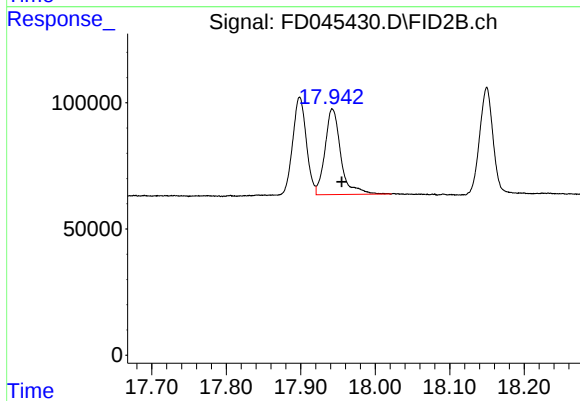
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.011 min
Response: 512610
Conc: 4.08 ug/ml



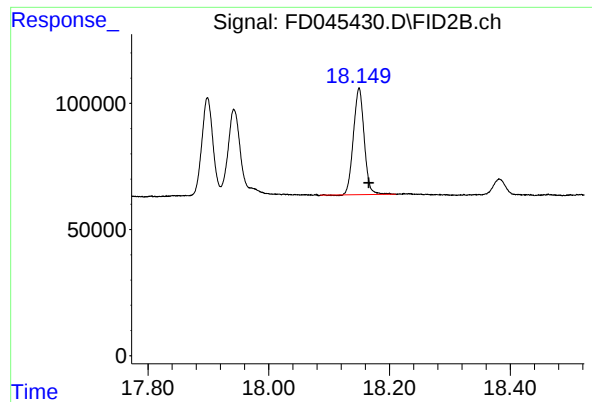
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: -0.013 min
Response: 491759
Conc: 4.15 ug/ml



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

R.T.: 17.943 min
Delta R.T.: -0.013 min
Response: 501081
Conc: 4.21 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.016 min
Response: 523751
Conc: 4.19 ug/ml

Instrument :
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