

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045428.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 04:35
 Operator : YP/AJ
 Sample : 02213-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 67 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Apr 07 07:15:41 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	6233591	45.498 ug/ml
Spiked Amount 50.000		Recovery =	91.00%
6) S 2-Fluorobiphenyl (SURR)	8.405	3958252	44.154 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.31%
11) S ortho-Terphenyl (SURR)	11.444	6636527	38.144 ug/ml
Spiked Amount 50.000		Recovery =	76.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	318856	2.047 ug/ml
2) T Naphthalene (C11.7)	5.887	363670	2.263 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	368285	2.301 ug/ml
5) T Acenaphthylene (C15.06)	8.206	336075	2.295 ug/ml
7) T Acenaphthene (C15.5)	8.500	361300	2.329 ug/ml
8) T Flouorene (C16.55)	9.278	352697	2.378 ug/ml
9) T Phenanthrene (C19.36)	10.667	338179	2.335 ug/ml
10) T Anthracene (C19.43)	10.741	323798	2.343 ug/ml
12) T Fluoranthene (C21.85)	12.471	328658	2.284 ug/ml
13) T Pyrene (C20.8)	12.766	331259	2.356 ug/ml
14) T Benzo[a]anthracene (C...	14.629	299619	2.336 ug/ml
15) T Chrysene (C27.41)	14.670	313728	2.366 ug/ml
16) T benzo[b]fluoranthene ...	16.169	296086	2.279 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	297519	2.349 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.545	255324	2.031 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	253268	2.140 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	290744	2.440 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	270259	2.164 ug/ml

(f)=RT Delta > 1/2 Window

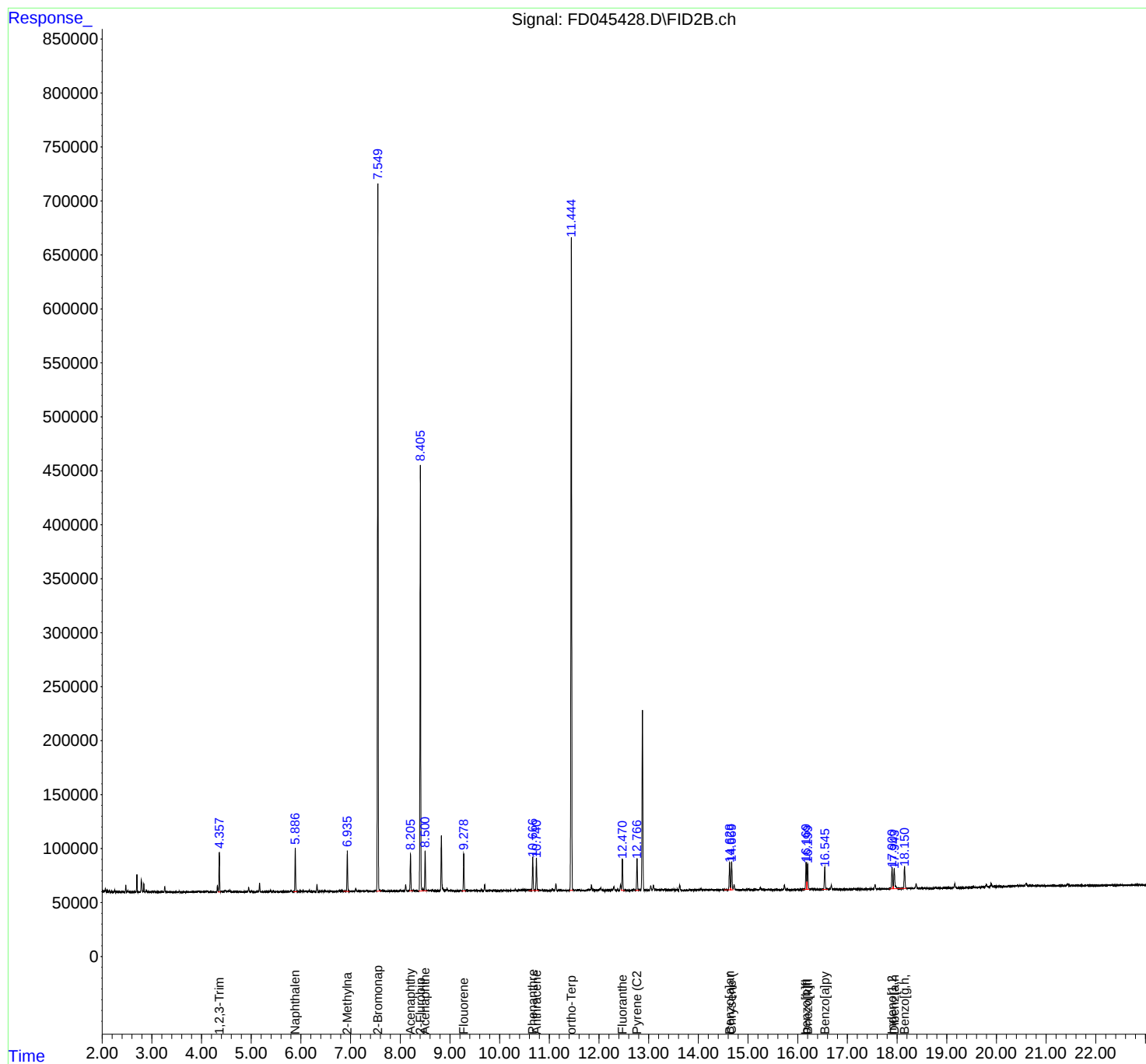
(m)=manual int.

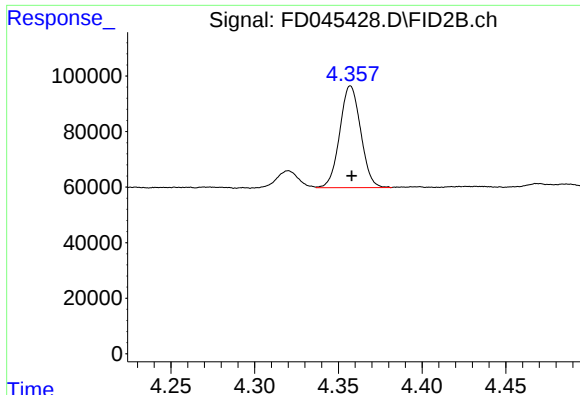
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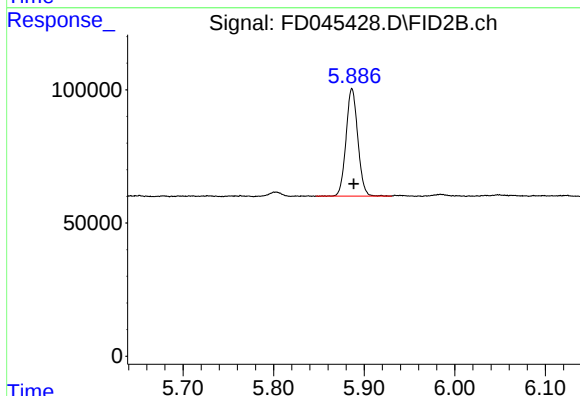




#1 1,2,3-Trimethylbenzene (C10.1)

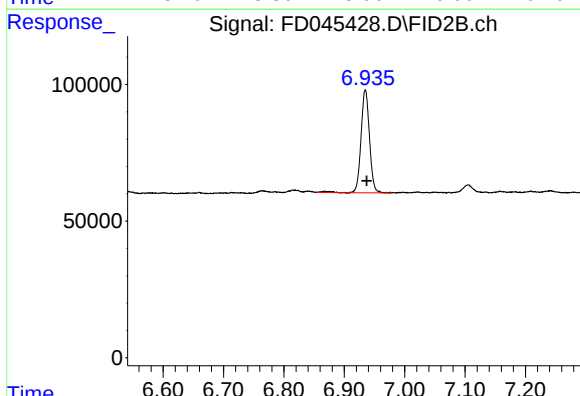
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 318856
Conc: 2.05 ug/ml

Instrument :
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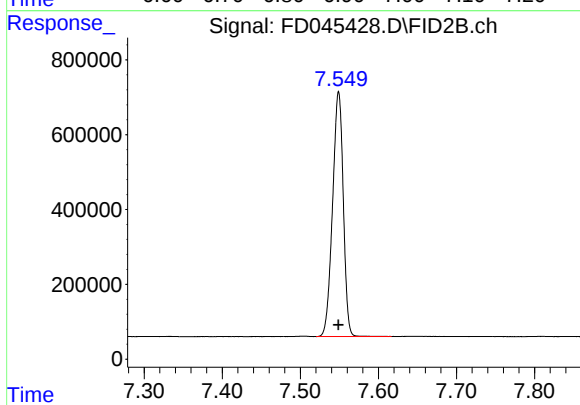
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 363670
Conc: 2.26 ug/ml



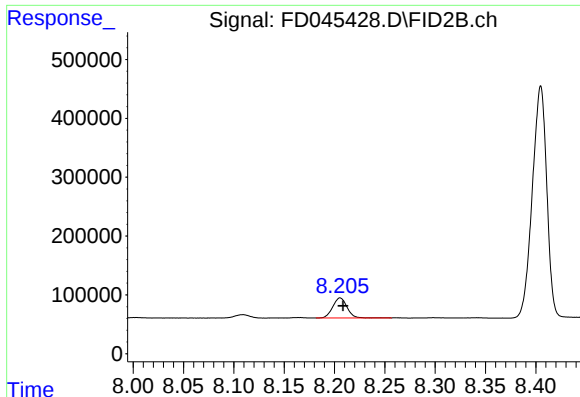
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 368285
Conc: 2.30 ug/ml



#4 2-Bromonaphthalene (SURR)

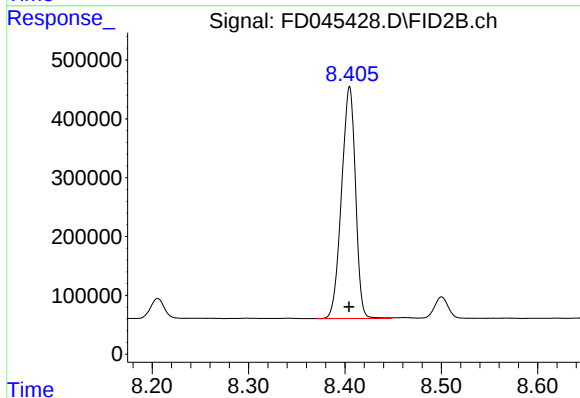
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 6233591
Conc: 45.50 ug/ml



#5 Acenaphthylene (C15.06)

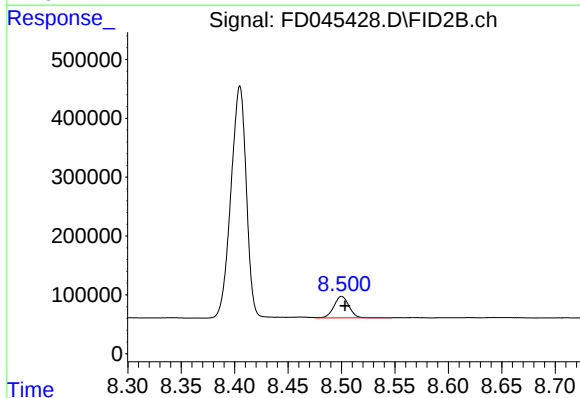
R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 336075
Conc: 2.30 ug/ml

Instrument :
FID_D
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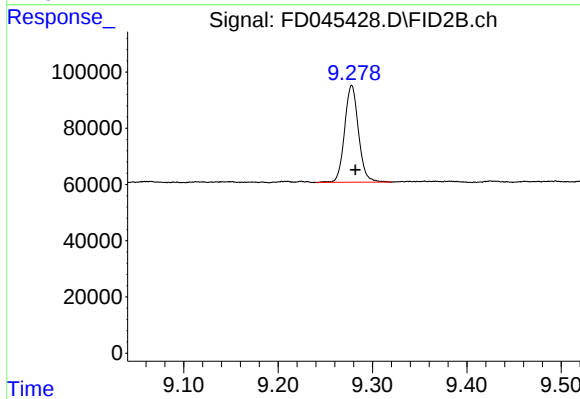
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 3958252
Conc: 44.15 ug/ml



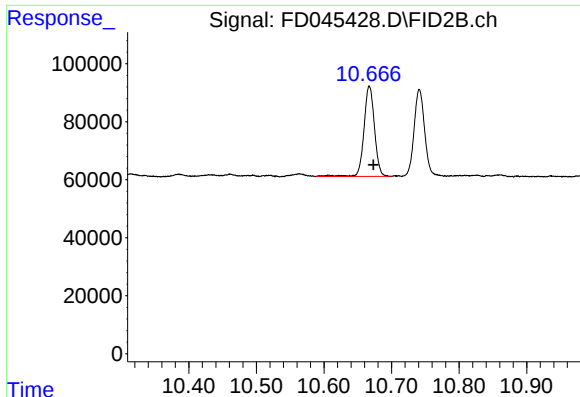
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.003 min
Response: 361300
Conc: 2.33 ug/ml



#8 Fluorene (C16.55)

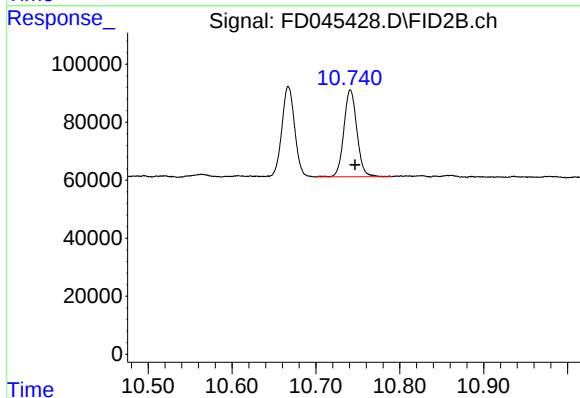
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 352697
Conc: 2.38 ug/ml



#9 Phenanthrene (C19.36)

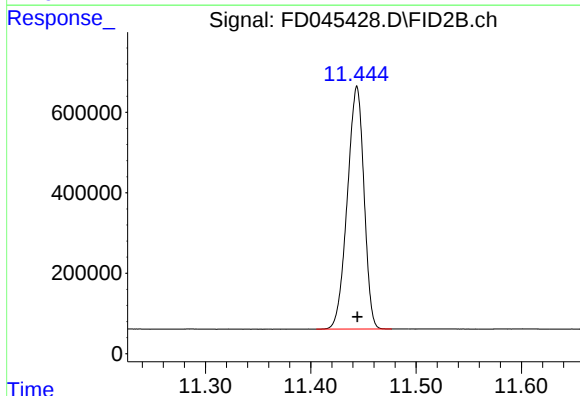
R.T.: 10.667 min
Delta R.T.: -0.006 min
Response: 338179
Conc: 2.33 ug/ml

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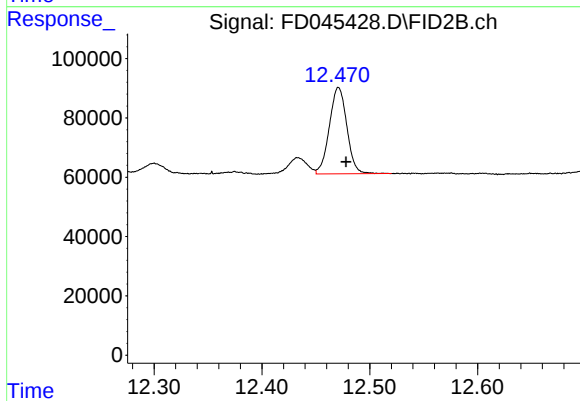
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.005 min
Response: 323798
Conc: 2.34 ug/ml



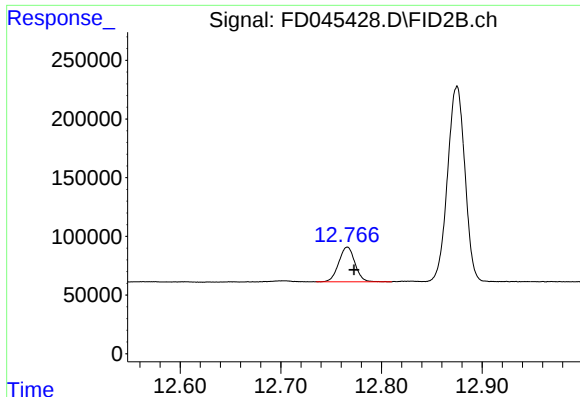
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 6636527
Conc: 38.14 ug/ml



#12 Fluoranthene (C21.85)

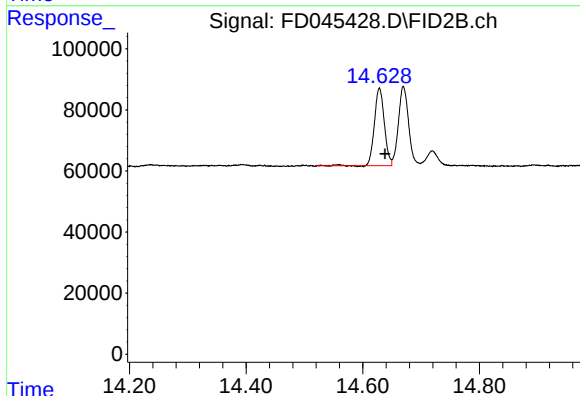
R.T.: 12.471 min
Delta R.T.: -0.007 min
Response: 328658
Conc: 2.28 ug/ml



#13 Pyrene (C20.8)

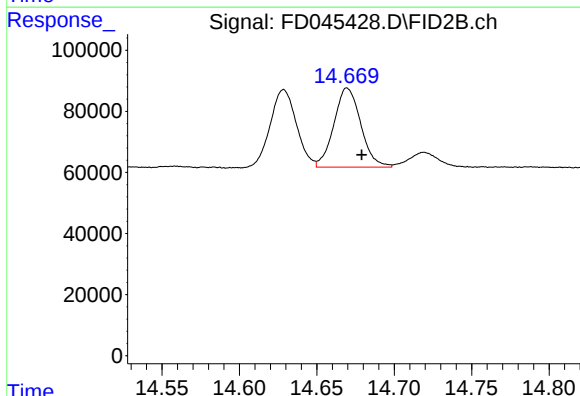
R.T.: 12.766 min
Delta R.T.: -0.007 min
Response: 331259
Conc: 2.36 ug/ml

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



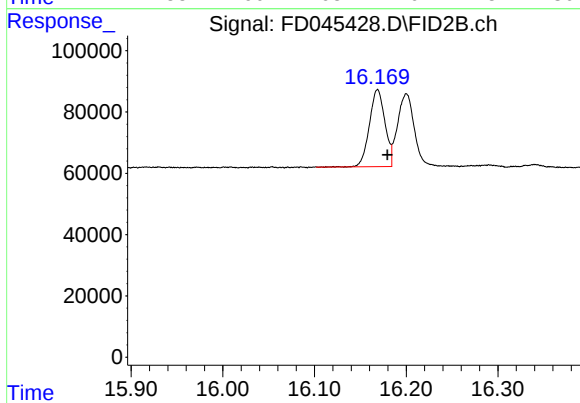
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.009 min
Response: 299619
Conc: 2.34 ug/ml



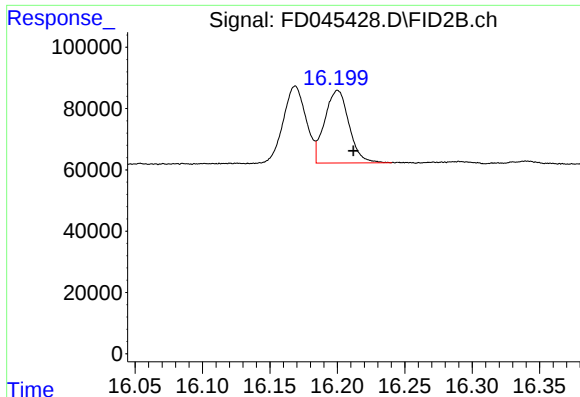
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: -0.009 min
Response: 313728
Conc: 2.37 ug/ml



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

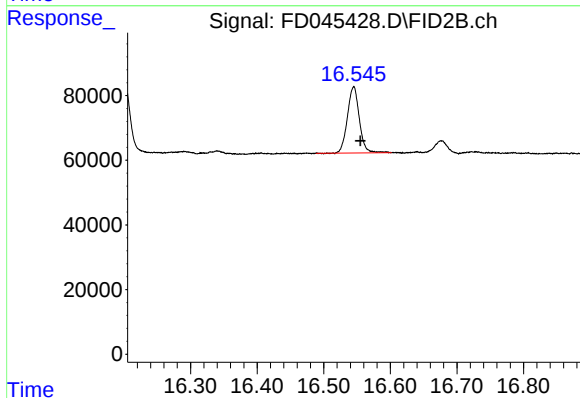
R.T.: 16.169 min
Delta R.T.: -0.011 min
Response: 296086
Conc: 2.28 ug/ml



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

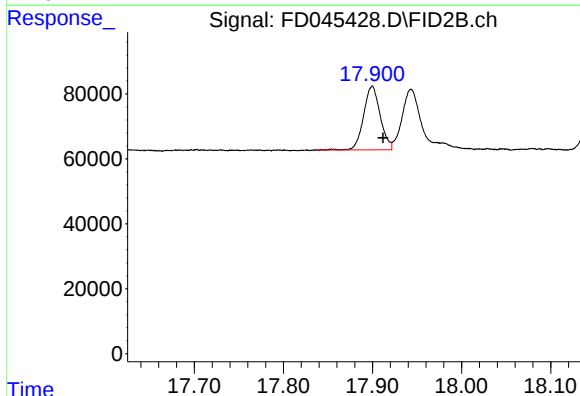
R.T.: 16.200 min
Delta R.T.: -0.012 min
Response: 297519
Conc: 2.35 ug/ml

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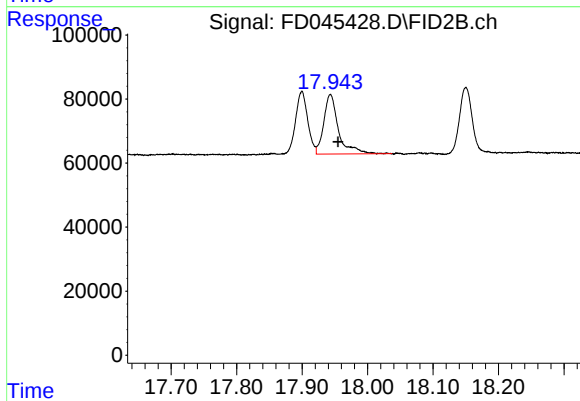
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.545 min
Delta R.T.: -0.010 min
Response: 255324
Conc: 2.03 ug/ml



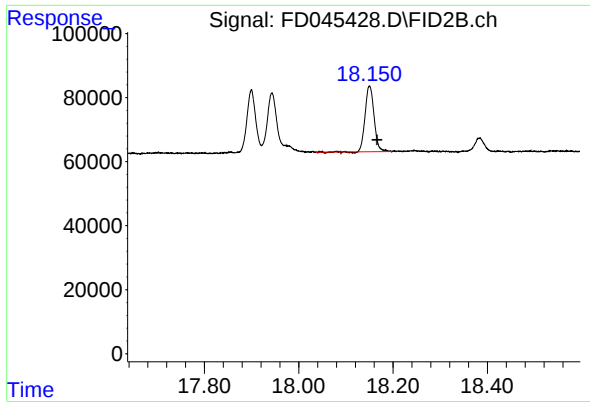
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: -0.012 min
Response: 253268
Conc: 2.14 ug/ml



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

R.T.: 17.943 min
Delta R.T.: -0.012 min
Response: 290744
Conc: 2.44 ug/ml



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

R.T.: 18.150 min
Delta R.T.: -0.015 min
Response: 270259
Conc: 2.16 ug/ml

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