

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032243.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 16:01
 Operator : DD\AJ
 Sample : L1161-08
 Misc : LOQ 5 PPM -WATER (ARO)
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Manual Integrations
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 2/3/2020 2:39:22 PM

Integration File: autoint1.e
 Quant Time: Feb 01 00:44:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.635	4322969	38.456 ug/ml
Spiked Amount 50.000		Recovery =	76.91%
6) S 2-Fluorobiphenyl (SURR)	8.497	2771936	35.564 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.13%
11) S ortho-Terphenyl (SURR)	11.533	3879670	31.258 ug/ml
Spiked Amount 50.000		Recovery =	62.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	353277	3.119 ug/ml
2) T Naphthalene (C11.7)	5.974	394254	3.241 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	400464	3.270 ug/ml
5) T Acenaphthylene (C15.06)	8.298	368326	3.077 ug/ml
7) T Acenaphthene (C15.5)	8.593	379380	3.068 ug/ml
8) T Fluorene (C16.55)	9.371	395018	3.163 ug/ml
9) T Phenanthrene (C19.36)	10.764	382429	3.029 ug/mlm
10) T Anthracene (C19.43)	10.840	379846	3.034 ug/mlm
12) T Fluoranthene (C21.85)	12.575	384998	3.008 ug/mlm
13) T Pyrene (C20.8)	12.871	382279	3.037 ug/mlm
14) T Benzo[a]anthracene (C...	14.743	363653	2.978 ug/mlm
15) T Chrysene (C27.41)	14.783	402885	3.274 ug/mlm
16) T benzo[b]fluoranthene ...	16.291	366122	3.032 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322	386000	3.190 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	342639	2.868 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.034	350595	3.052 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	391169	3.345 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	358138	3.143 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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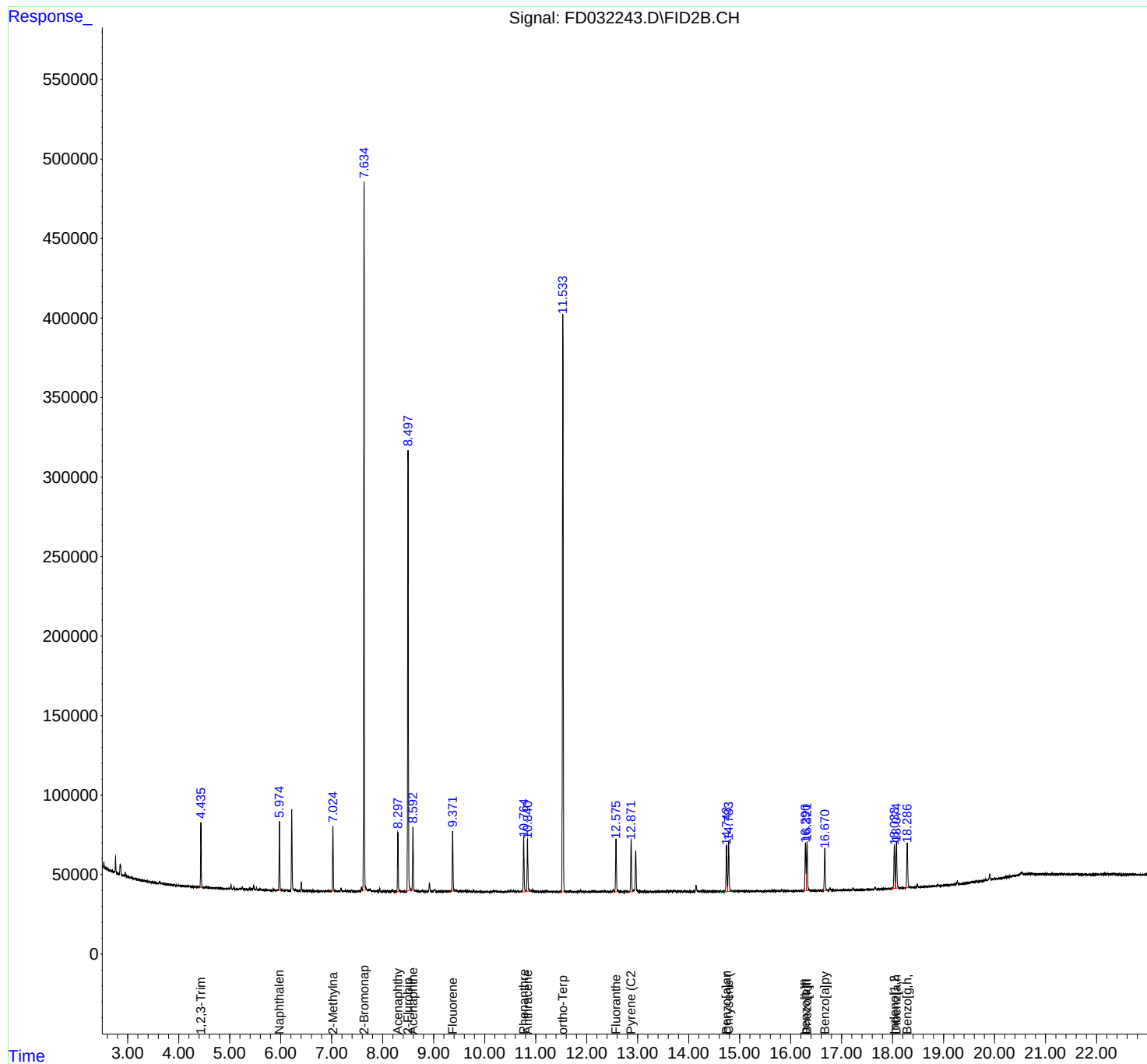
Instrument :
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LOQ-WATER-02-QT1-2020

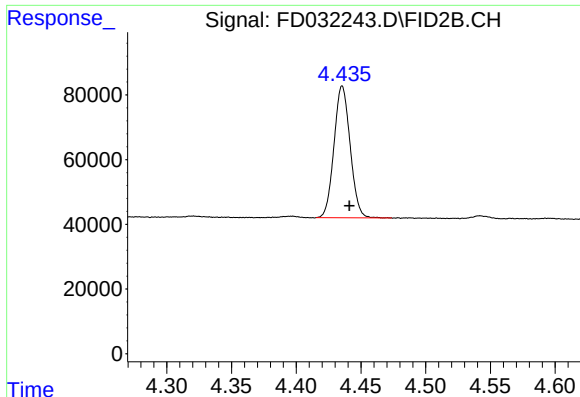
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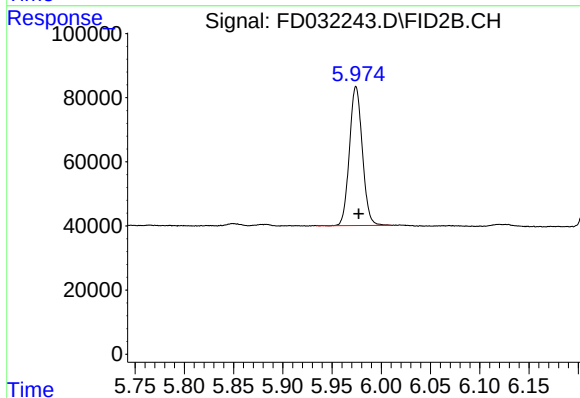
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 353277
Conc: 3.12 ug/ml

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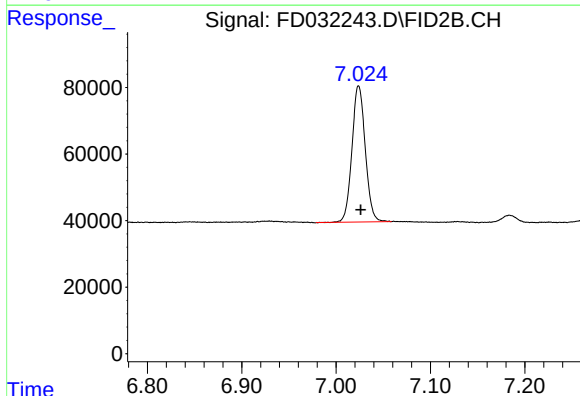
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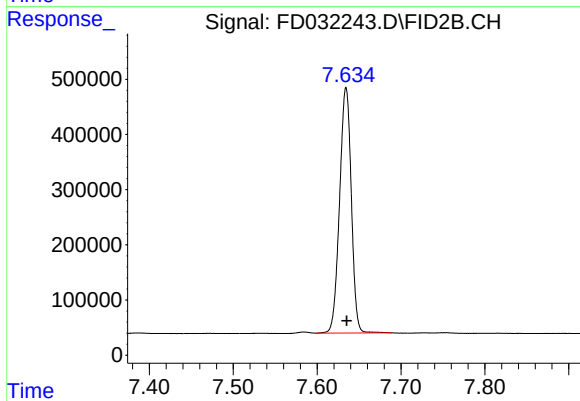
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 394254
Conc: 3.24 ug/ml



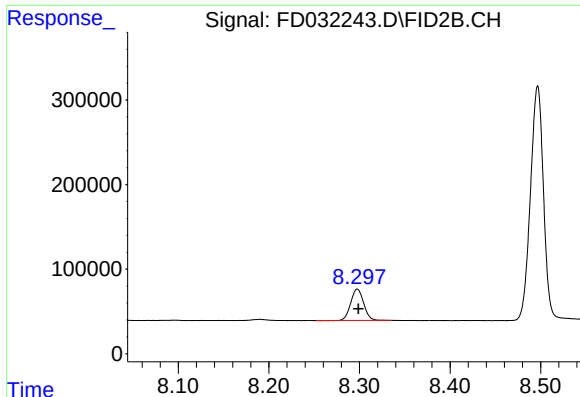
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 400464
Conc: 3.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 4322969
Conc: 38.46 ug/ml



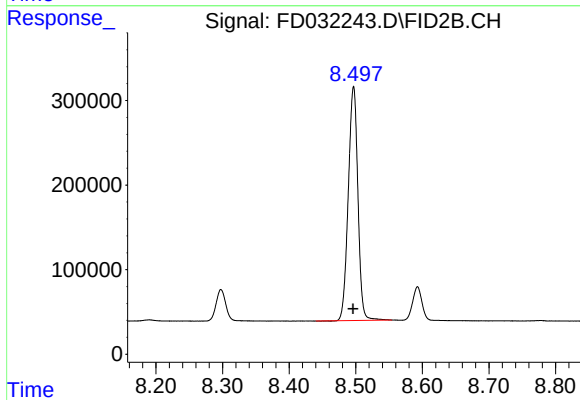
#5 Acenaphthylene (C15.06)

R.T.: 8.298 min
Delta R.T.: -0.001 min
Response: 368326
Conc: 3.08 ug/ml

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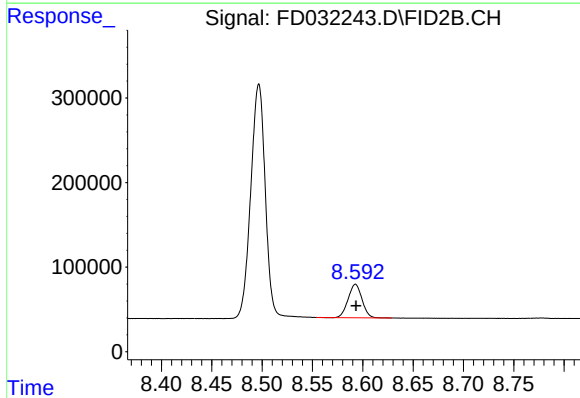
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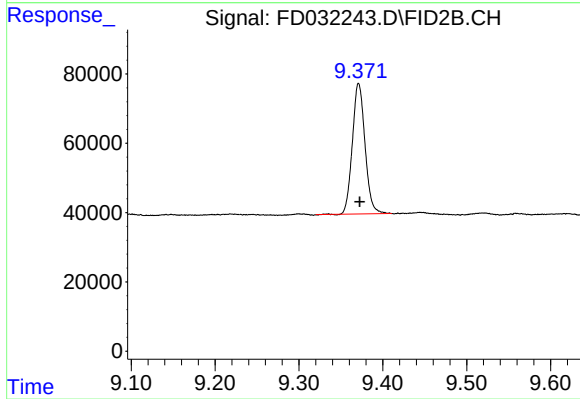
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: 0.001 min
Response: 2771936
Conc: 35.56 ug/ml



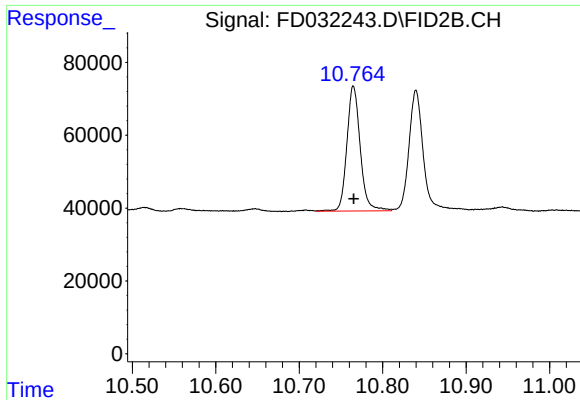
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 379380
Conc: 3.07 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 395018
Conc: 3.16 ug/ml



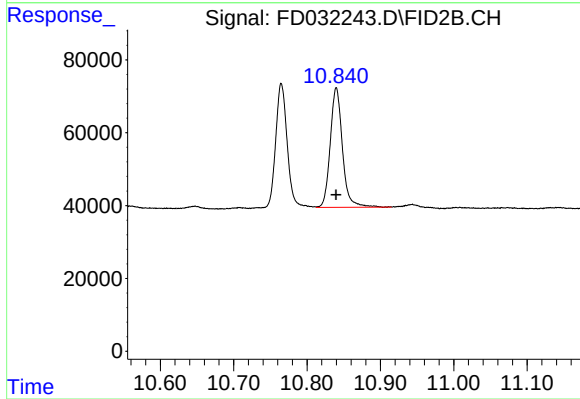
#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: -0.001 min
Response: 382429
Conc: 3.03 ug/ml m

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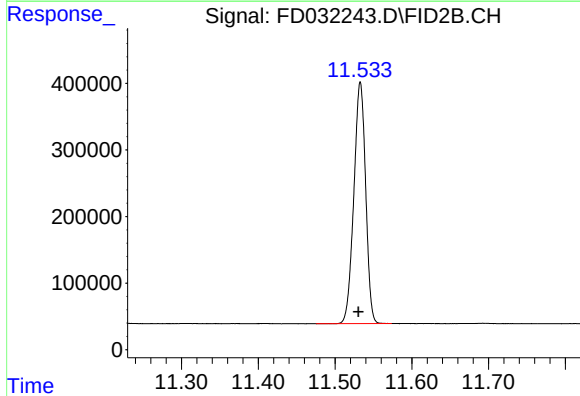
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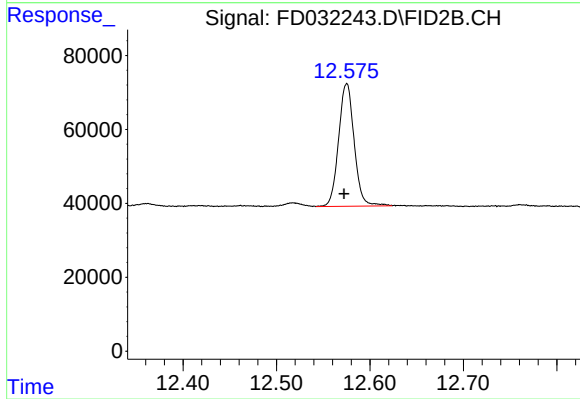
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 379846
Conc: 3.03 ug/ml m



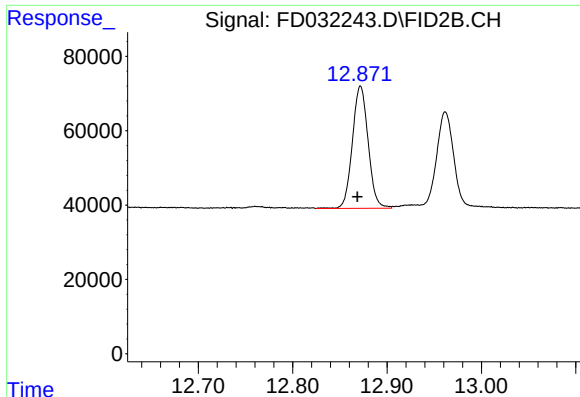
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.002 min
Response: 3879670
Conc: 31.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: 0.003 min
Response: 384998
Conc: 3.01 ug/ml m



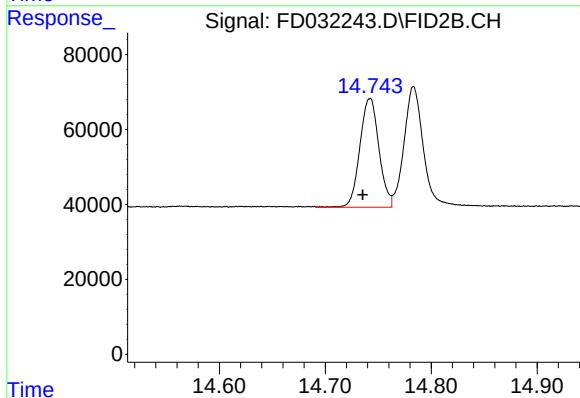
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: 0.003 min
Response: 382279
Conc: 3.04 ug/ml m

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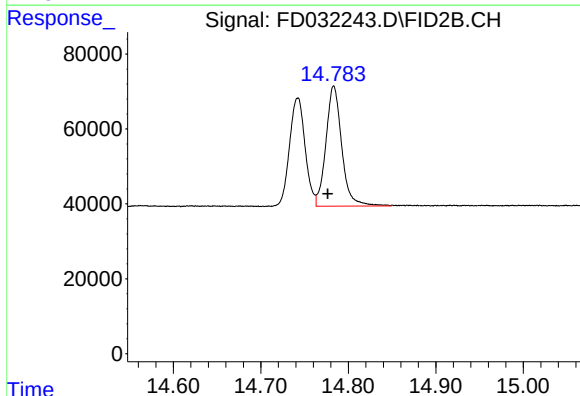
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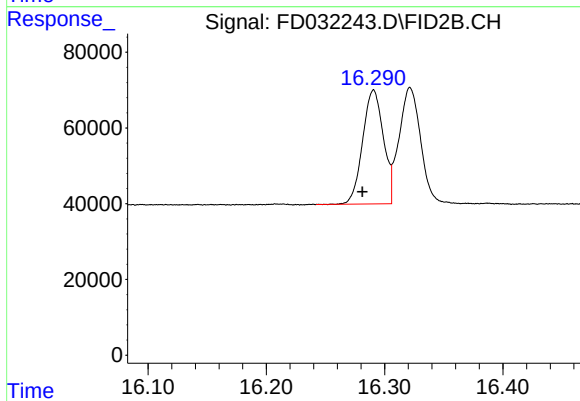
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.007 min
Response: 363653
Conc: 2.98 ug/ml m



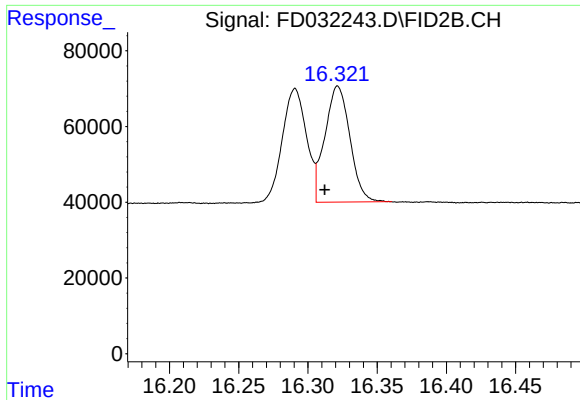
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: 0.007 min
Response: 402885
Conc: 3.27 ug/ml m



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

R.T.: 16.291 min
Delta R.T.: 0.009 min
Response: 366122
Conc: 3.03 ug/ml



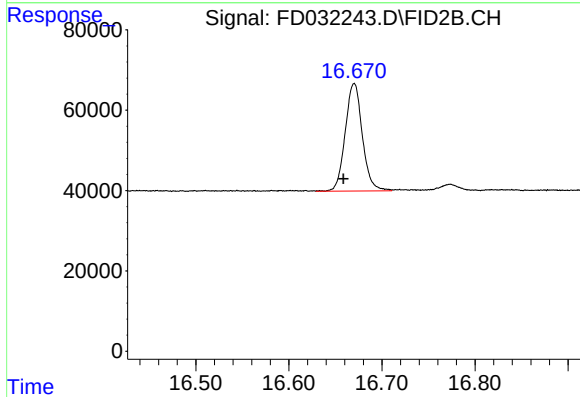
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: 0.009 min
Response: 386000
Conc: 3.19 ug/ml

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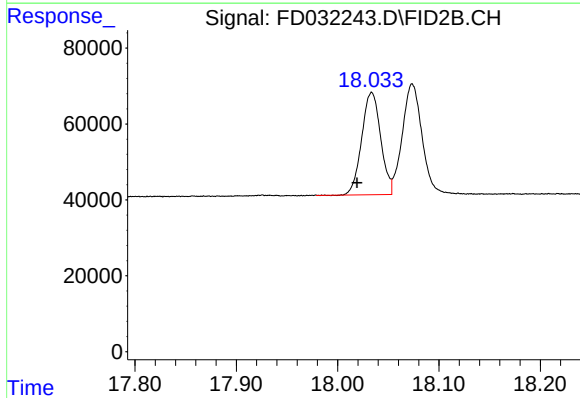
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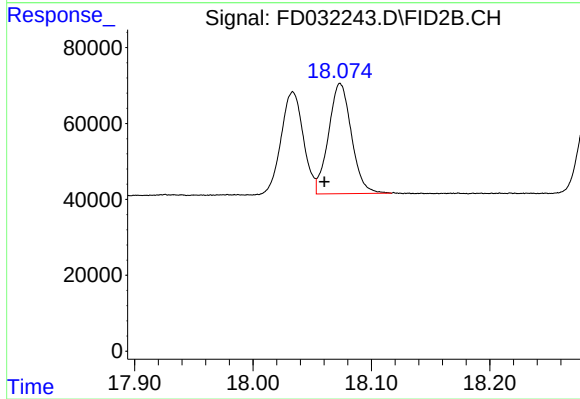
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: 0.012 min
Response: 342639
Conc: 2.87 ug/ml m



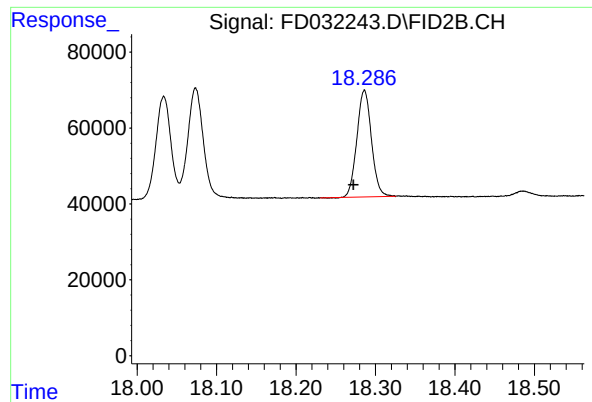
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.014 min
Response: 350595
Conc: 3.05 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.013 min
Response: 391169
Conc: 3.35 ug/ml



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

R.T.: 18.286 min
Delta R.T.: 0.014 min
Response: 358138
Conc: 3.14 ug/ml

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