

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032242.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 15:25
 Operator : DD\AJ
 Sample : L1161-07
 Misc : LOD 4 PPM -WATER (ARO)
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Integration File: autoint1.e
 Quant Time: Feb 01 00:44:44 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	5142398	45.746 ug/ml
Spiked Amount 50.000		Recovery =	91.49%
6) S 2-Fluorobiphenyl (SURR)	8.497	3038323	38.981 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.96%
11) S ortho-Terphenyl (SURR)	11.534	4972419	40.063 ug/ml
Spiked Amount 50.000		Recovery =	80.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	340747	3.009 ug/ml
2) T Naphthalene (C11.7)	5.975	384126	3.158 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	394270	3.219 ug/ml
5) T Acenaphthylene (C15.06)	8.298	369624	3.088 ug/ml
7) T Acenaphthene (C15.5)	8.593	378126	3.058 ug/ml
8) T Flouorene (C16.55)	9.372	373208	2.988 ug/ml
9) T Phenanthrene (C19.36)	10.766	373772	2.961 ug/ml
10) T Anthracene (C19.43)	10.840	368560	2.944 ug/ml
12) T Fluoranthene (C21.85)	12.575	390703	3.053 ug/ml
13) T Pyrene (C20.8)	12.872	378846	3.010 ug/ml
14) T Benzo[a]anthracene (C...	14.742	372626	3.051 ug/ml
15) T Chrysene (C27.41)	14.783	418008	3.397 ug/ml
16) T benzo[b]fluoranthene ...	16.291	389855	3.229 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	402130	3.324 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	348858	2.920 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	366212	3.188 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	412975	3.532 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	375262	3.293 ug/ml

(f)=RT Delta > 1/2 Window

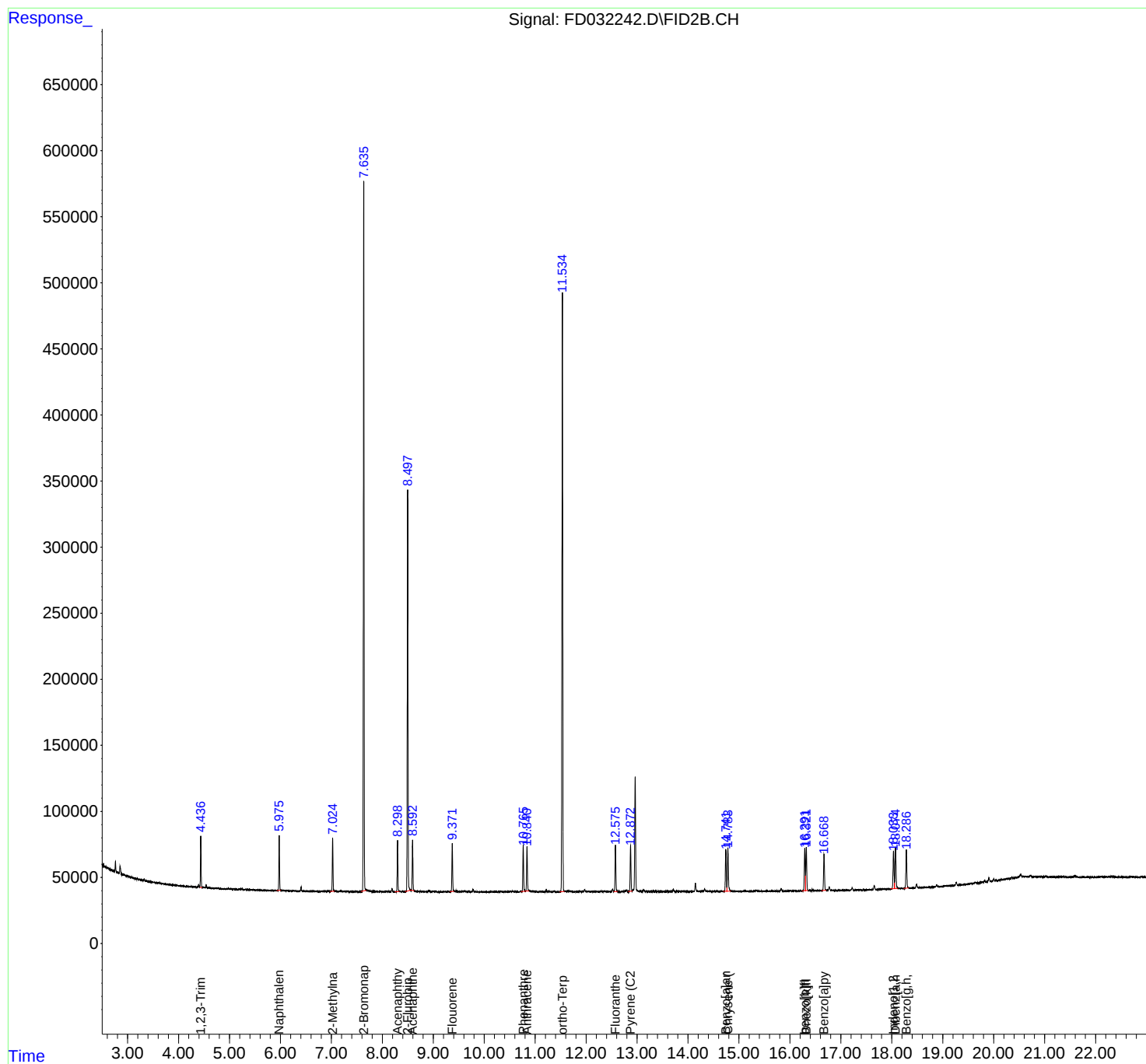
(m)=manual int.

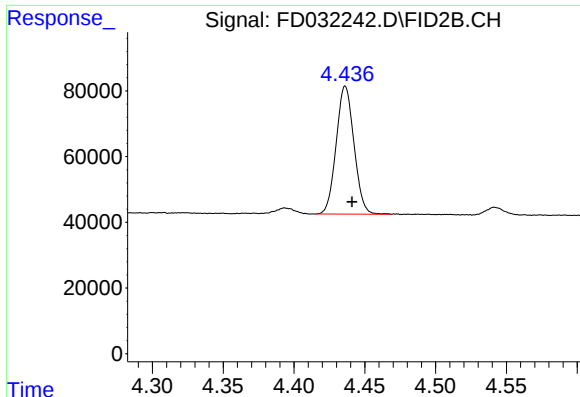
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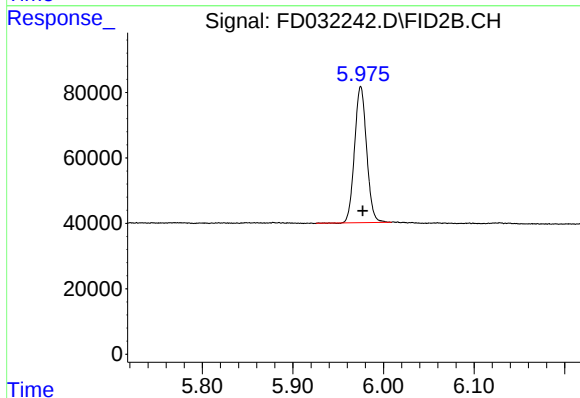




#1 1,2,3-Trimethylbenzene (C10.1)

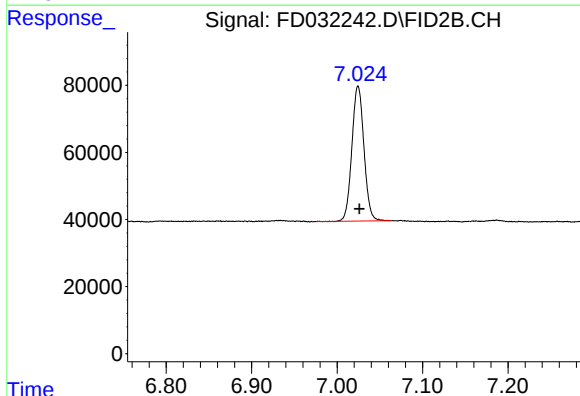
R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 340747
Conc: 3.01 ug/ml

Instrument :
FID_D
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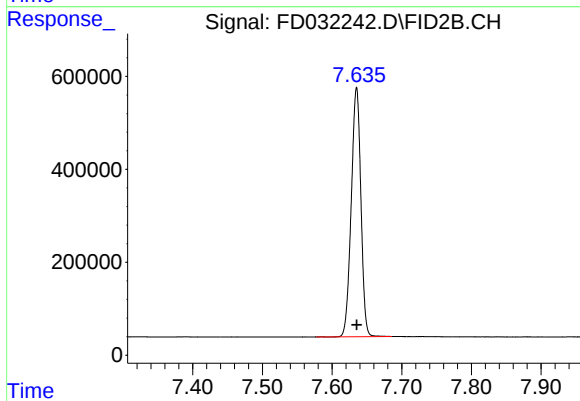
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 384126
Conc: 3.16 ug/ml



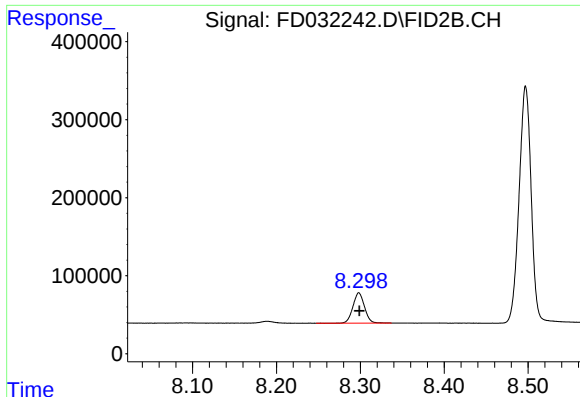
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 394270
Conc: 3.22 ug/ml



#4 2-Bromonaphthalene (SURR)

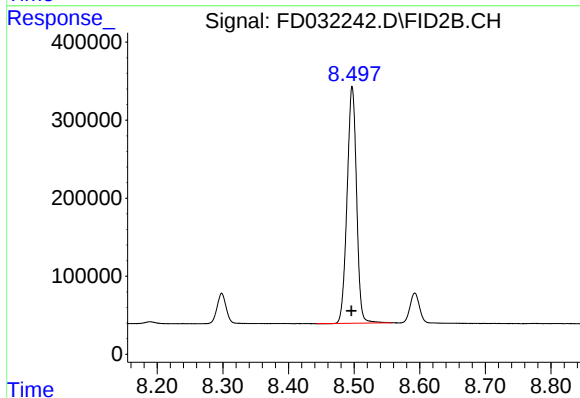
R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 5142398
Conc: 45.75 ug/ml



#5 Acenaphthylene (C15.06)

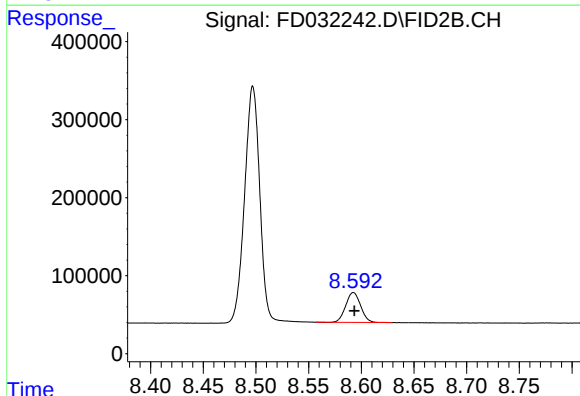
R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 369624
Conc: 3.09 ug/ml

Instrument :
FID_D
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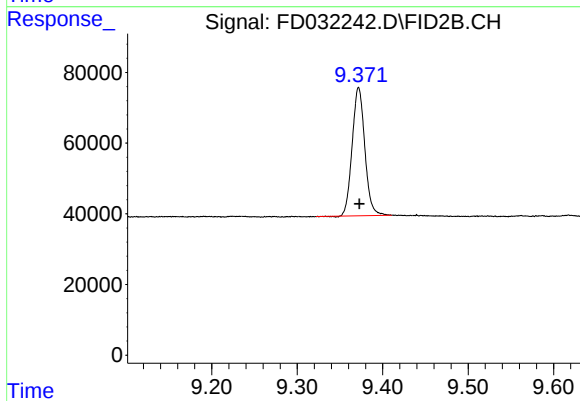
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: 0.001 min
Response: 3038323
Conc: 38.98 ug/ml



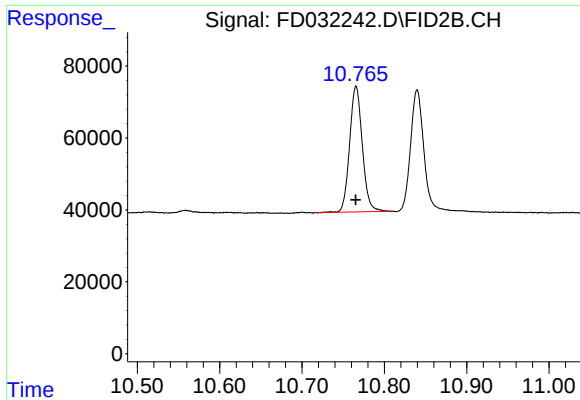
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 378126
Conc: 3.06 ug/ml



#8 Flouorene (C16.55)

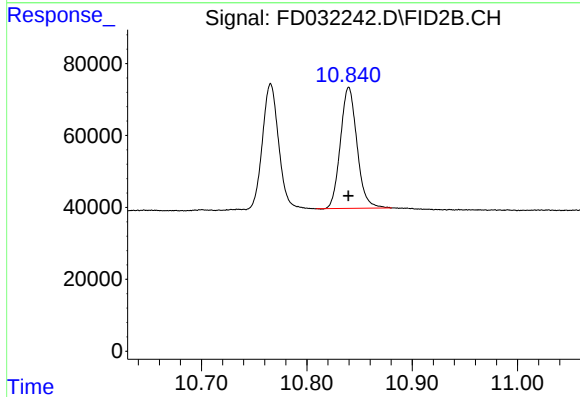
R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 373208
Conc: 2.99 ug/ml



#9 Phenanthrene (C19.36)

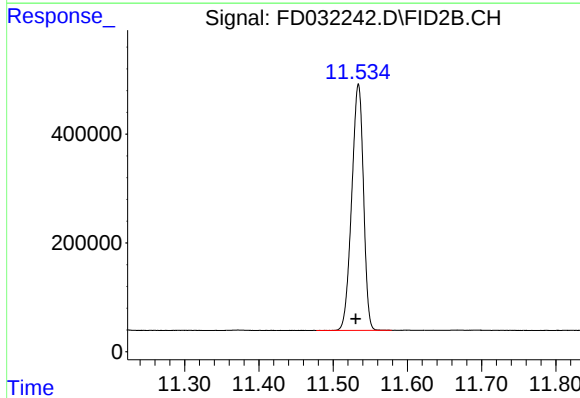
R.T.: 10.766 min
Delta R.T.: 0.000 min
Response: 373772
Conc: 2.96 ug/ml

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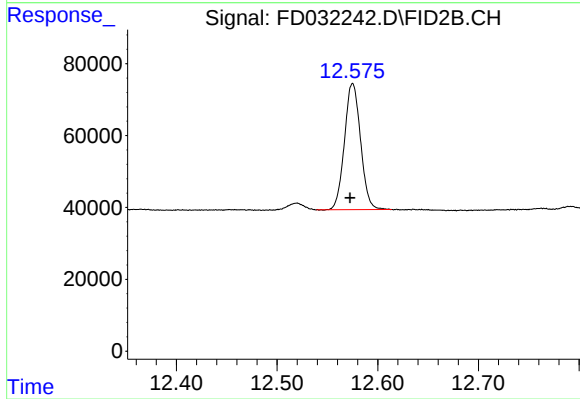
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: 0.000 min
Response: 368560
Conc: 2.94 ug/ml



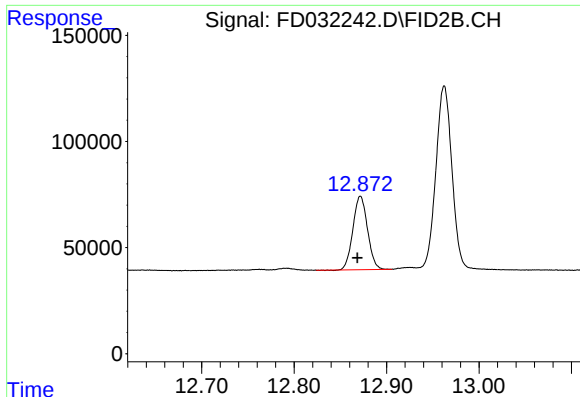
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: 0.004 min
Response: 4972419
Conc: 40.06 ug/ml



#12 Fluoranthene (C21.85)

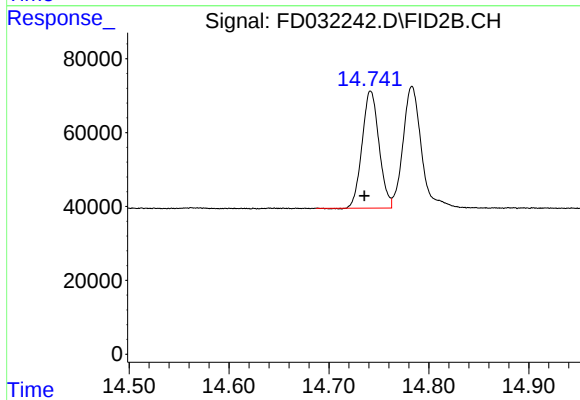
R.T.: 12.575 min
Delta R.T.: 0.003 min
Response: 390703
Conc: 3.05 ug/ml



#13 Pyrene (C20.8)

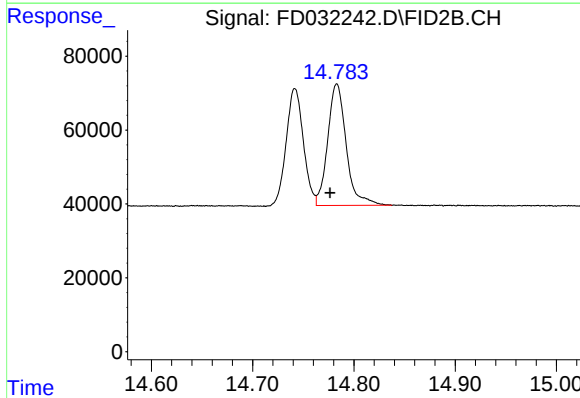
R.T.: 12.872 min
Delta R.T.: 0.003 min
Response: 378846
Conc: 3.01 ug/ml

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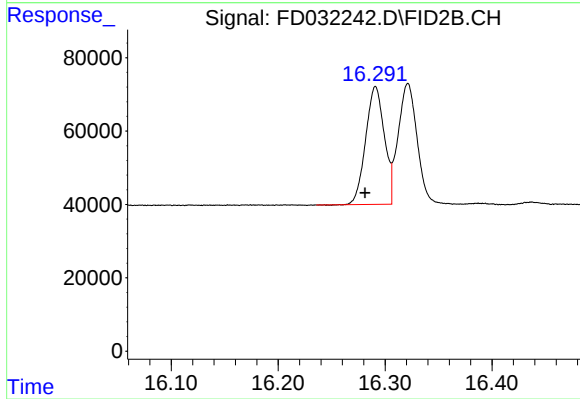
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.006 min
Response: 372626
Conc: 3.05 ug/ml



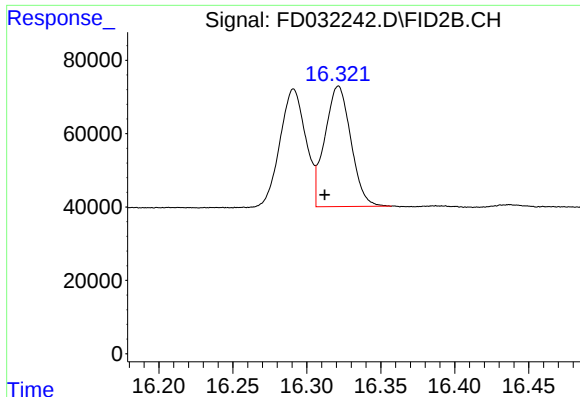
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: 0.007 min
Response: 418008
Conc: 3.40 ug/ml



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

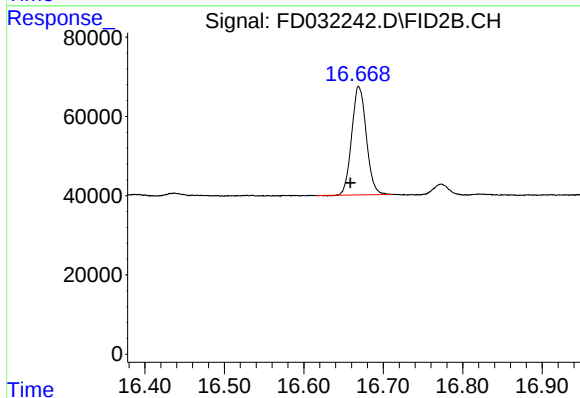
R.T.: 16.291 min
Delta R.T.: 0.010 min
Response: 389855
Conc: 3.23 ug/ml



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

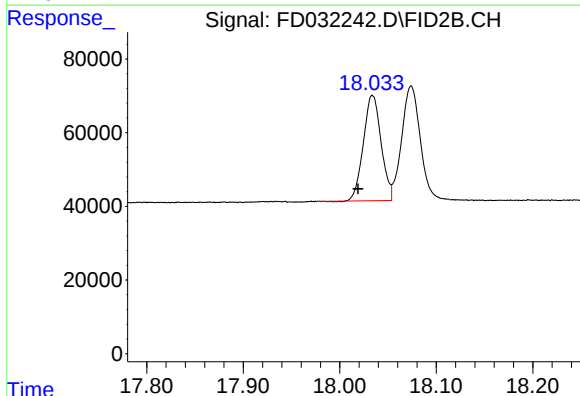
R.T.: 16.321 min
Delta R.T.: 0.009 min
Response: 402130
Conc: 3.32 ug/ml

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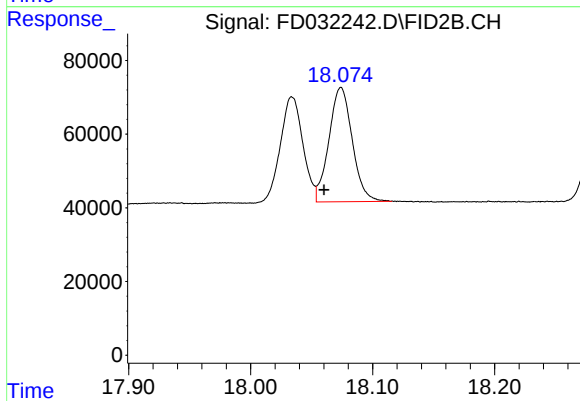
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: 0.011 min
Response: 348858
Conc: 2.92 ug/ml



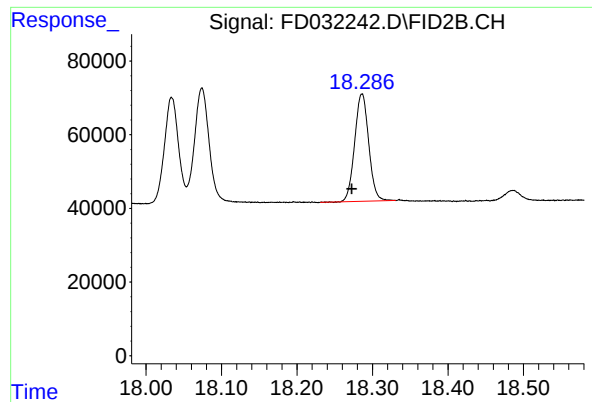
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.015 min
Response: 366212
Conc: 3.19 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.014 min
Response: 412975
Conc: 3.53 ug/ml



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

R.T.: 18.286 min
Delta R.T.: 0.014 min
Response: 375262
Conc: 3.29 ug/ml

Instrument :
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ClientSampleId :
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