

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032239.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 13:37
 Operator : DD\AJ
 Sample : L1161-02
 Misc : LOQ 5 PPM -SOIL (ARO)
 ALS Vial : 57 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Feb 01 00:44:01 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	4403262	39.170 ug/ml
Spiked Amount 50.000		Recovery =	78.34%
6) S 2-Fluorobiphenyl (SURR)	8.498	2631803	33.766 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	67.53%
11) S ortho-Terphenyl (SURR)	11.536	4265441	34.367 ug/ml
Spiked Amount 50.000		Recovery =	68.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	357607	3.157 ug/ml
2) T Naphthalene (C11.7)	5.975	406161	3.339 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	417326	3.407 ug/ml
5) T Acenaphthylene (C15.06)	8.299	389717	3.256 ug/ml
7) T Acenaphthene (C15.5)	8.593	405130	3.276 ug/ml
8) T Fluorene (C16.55)	9.373	393522	3.151 ug/ml
9) T Phenanthrene (C19.36)	10.768	389198	3.083 ug/ml
10) T Anthracene (C19.43)	10.842	388181	3.101 ug/ml
12) T Fluoranthene (C21.85)	12.577	408101	3.189 ug/ml
13) T Pyrene (C20.8)	12.873	402949	3.202 ug/ml
14) T Benzo[a]anthracene (C...	14.743	391567	3.207 ug/ml
15) T Chrysene (C27.41)	14.785	442080	3.592 ug/ml
16) T benzo[b]fluoranthene ...	16.292	406860	3.369 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	421562	3.484 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	365034	3.056 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	385438	3.355 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	422196	3.610 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	390398	3.426 ug/ml

(f)=RT Delta > 1/2 Window

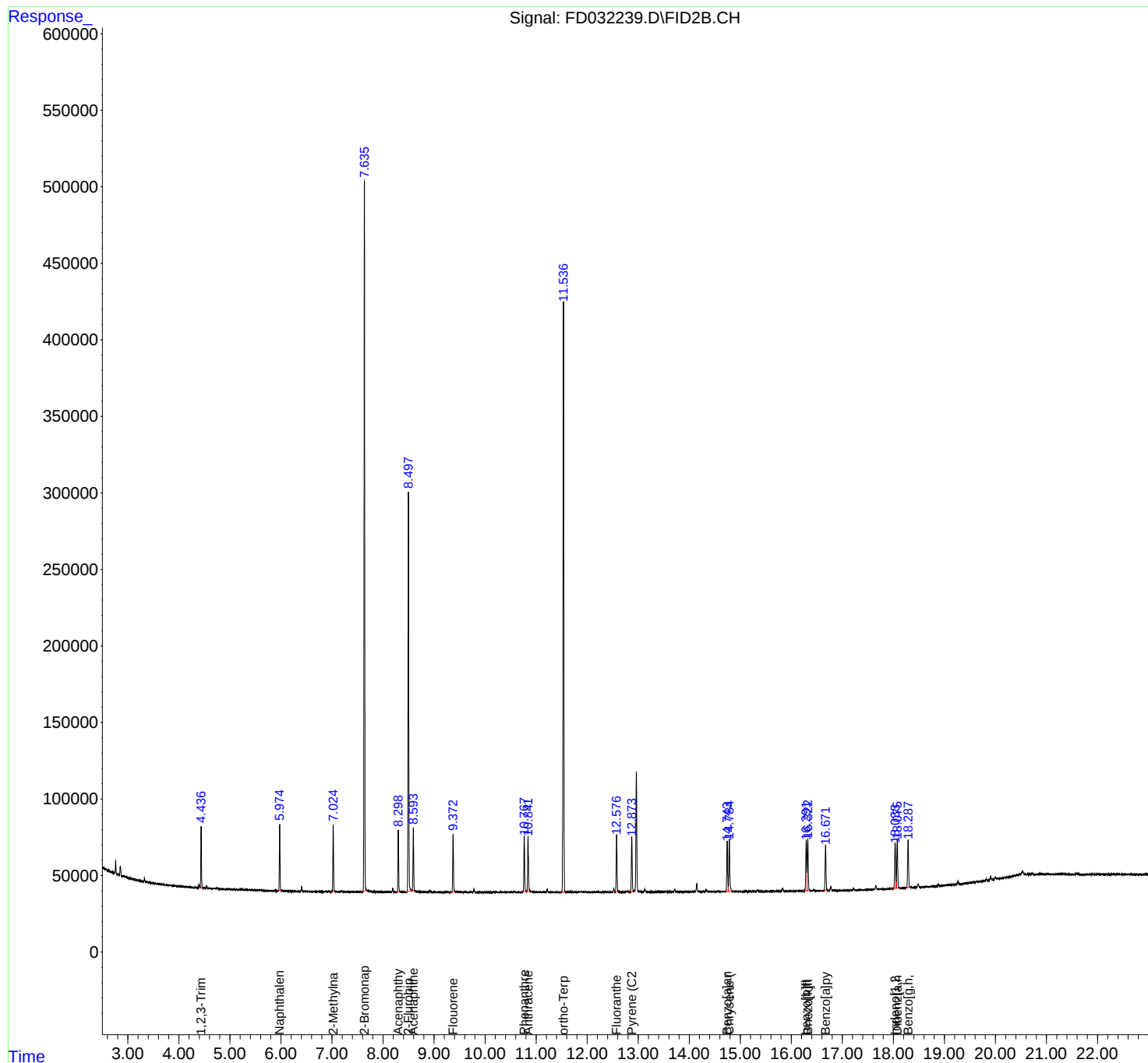
(m)=manual int.

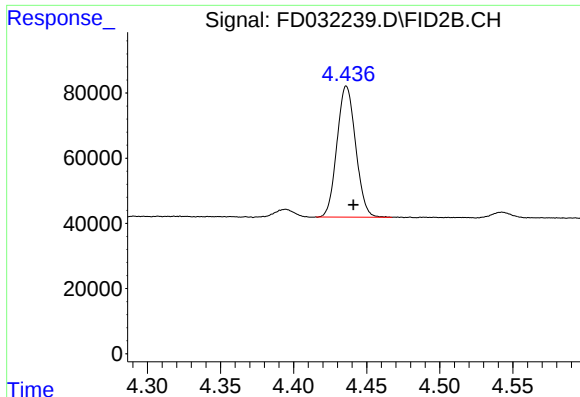
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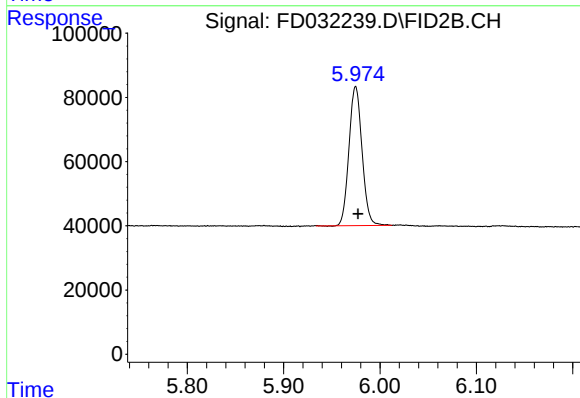




#1 1,2,3-Trimethylbenzene (C10.1)

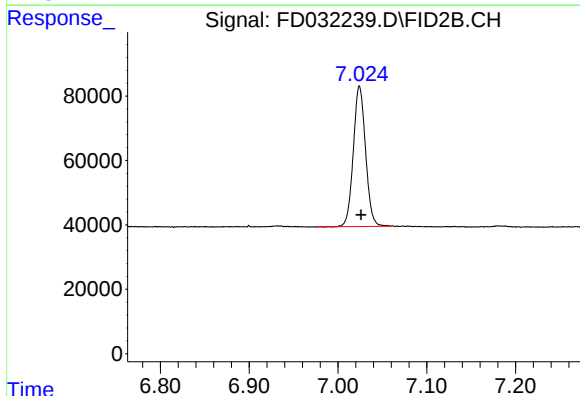
R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 357607
Conc: 3.16 ug/ml

Instrument :
FID_D
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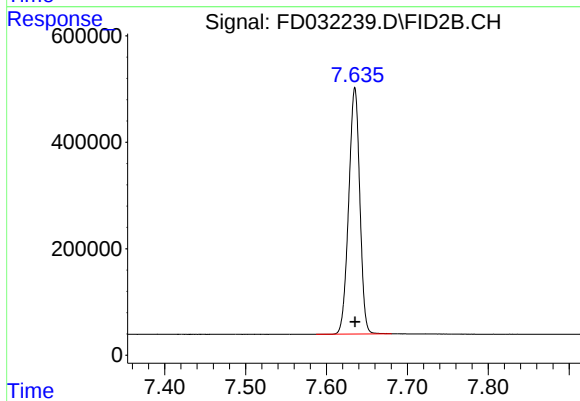
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 406161
Conc: 3.34 ug/ml



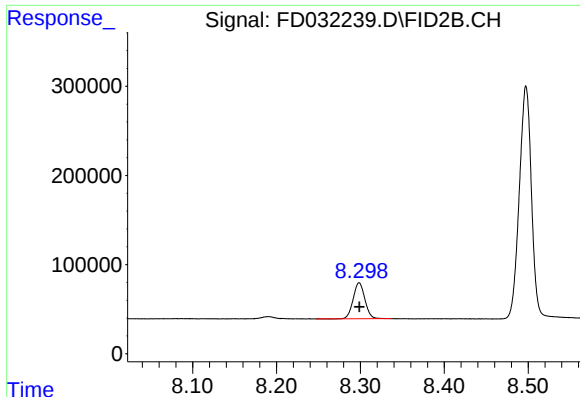
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 417326
Conc: 3.41 ug/ml



#4 2-Bromonaphthalene (SURR)

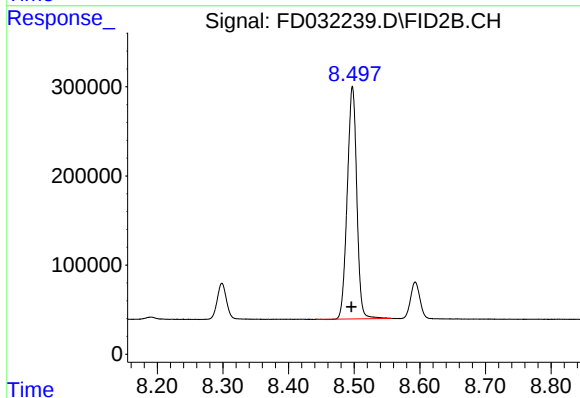
R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 4403262
Conc: 39.17 ug/ml



#5 Acenaphthylene (C15.06)

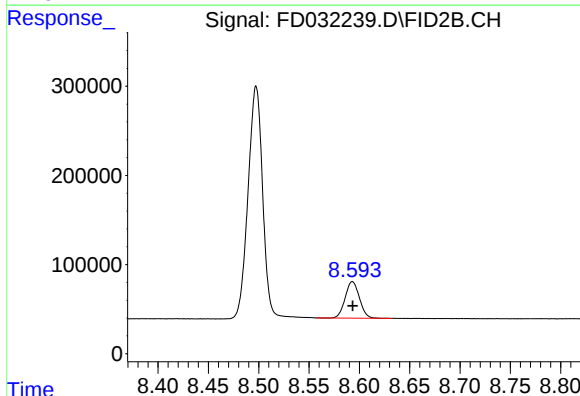
R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 389717
Conc: 3.26 ug/ml

Instrument :
FID_D
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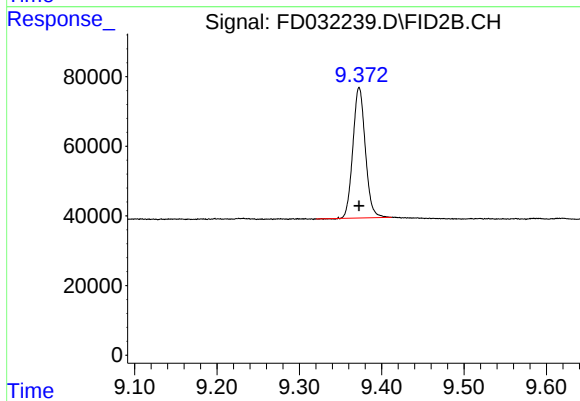
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 2631803
Conc: 33.77 ug/ml



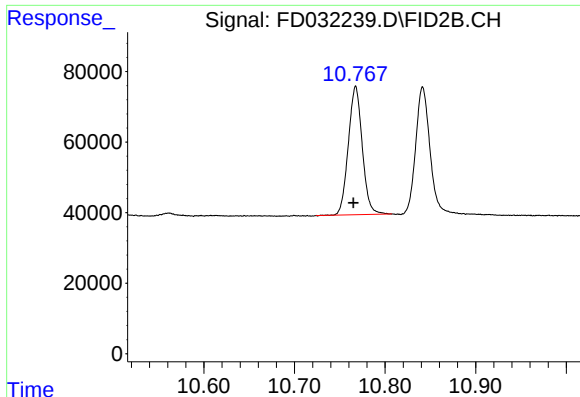
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 405130
Conc: 3.28 ug/ml



#8 Fluorene (C16.55)

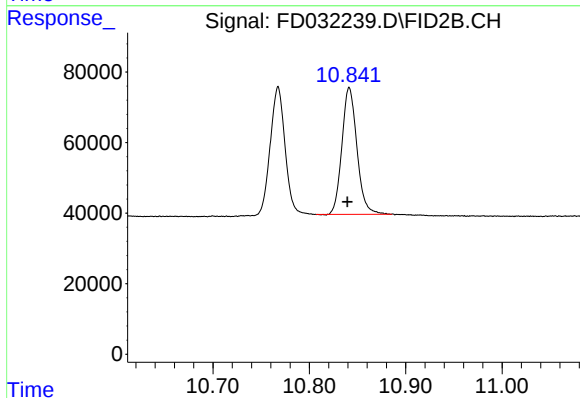
R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 393522
Conc: 3.15 ug/ml



#9 Phenanthrene (C19.36)

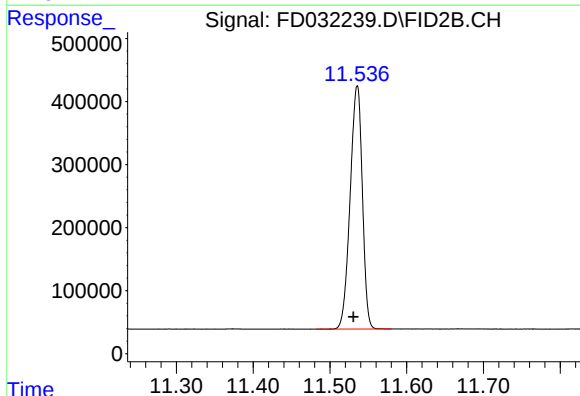
R.T.: 10.768 min
Delta R.T.: 0.002 min
Response: 389198
Conc: 3.08 ug/ml

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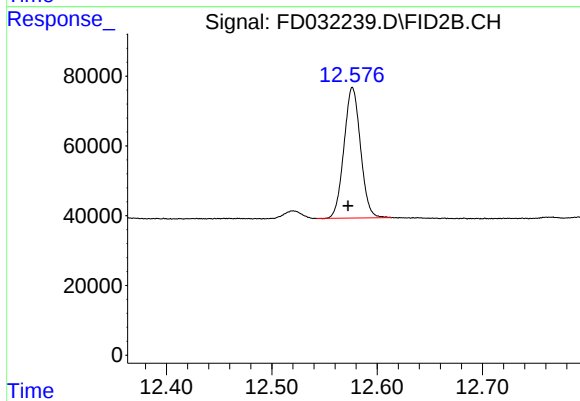
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: 0.002 min
Response: 388181
Conc: 3.10 ug/ml



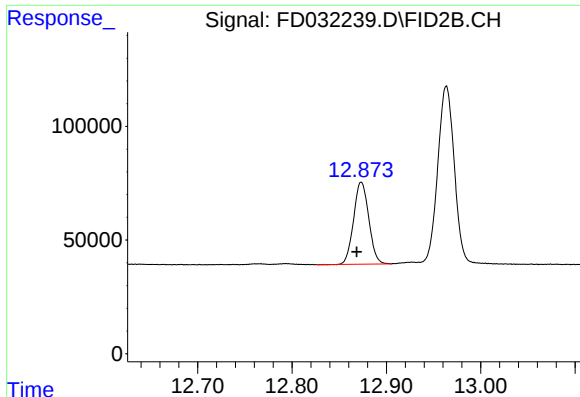
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.005 min
Response: 4265441
Conc: 34.37 ug/ml



#12 Fluoranthene (C21.85)

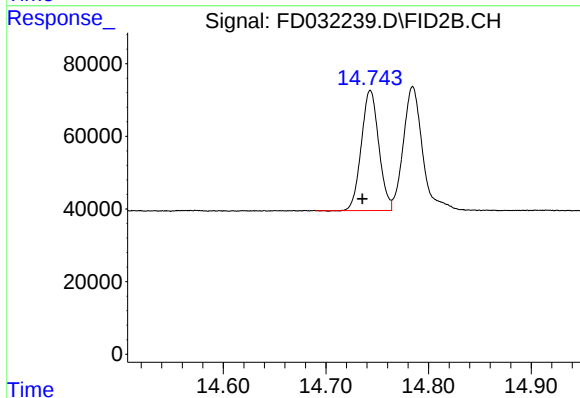
R.T.: 12.577 min
Delta R.T.: 0.004 min
Response: 408101
Conc: 3.19 ug/ml



#13 Pyrene (C20.8)

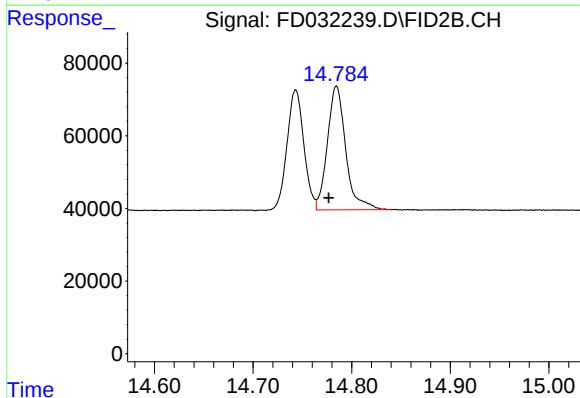
R.T.: 12.873 min
Delta R.T.: 0.005 min
Response: 402949
Conc: 3.20 ug/ml

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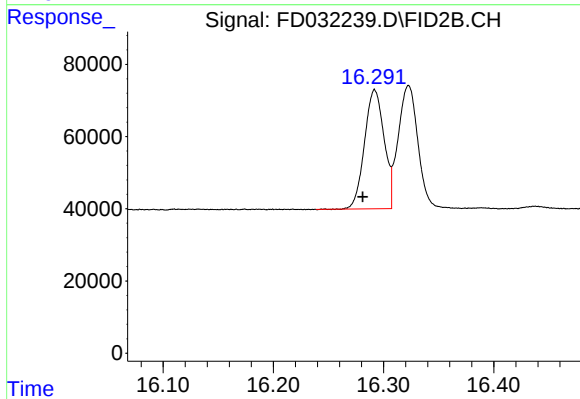
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.008 min
Response: 391567
Conc: 3.21 ug/ml



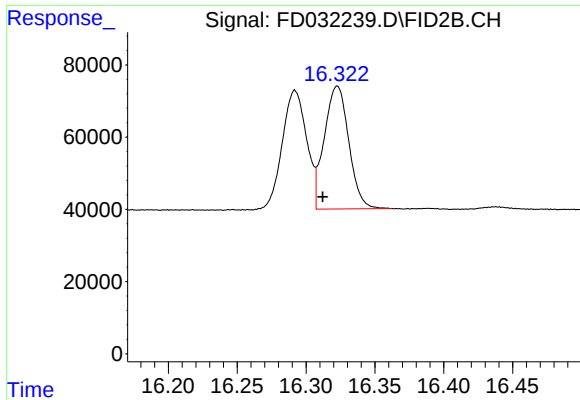
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.008 min
Response: 442080
Conc: 3.59 ug/ml



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

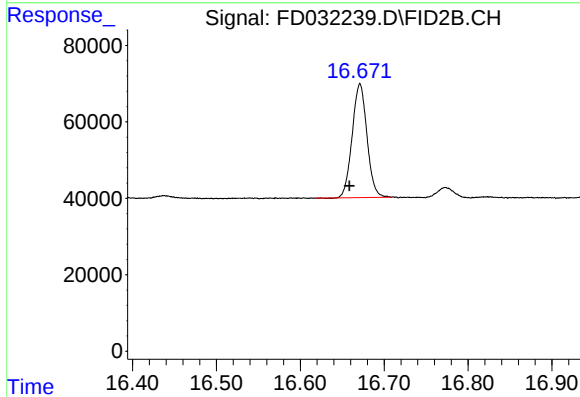
R.T.: 16.292 min
Delta R.T.: 0.011 min
Response: 406860
Conc: 3.37 ug/ml



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

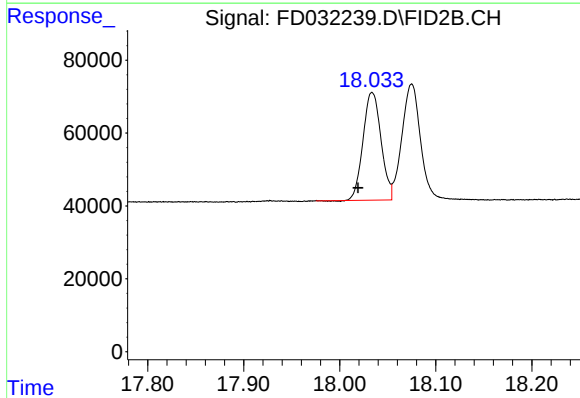
R.T.: 16.323 min
Delta R.T.: 0.011 min
Response: 421562
Conc: 3.48 ug/ml

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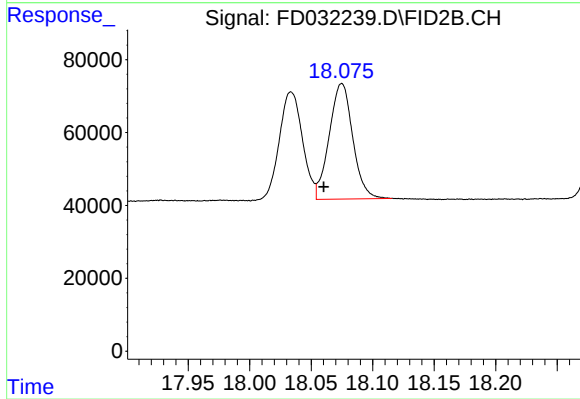
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.013 min
Response: 365034
Conc: 3.06 ug/ml



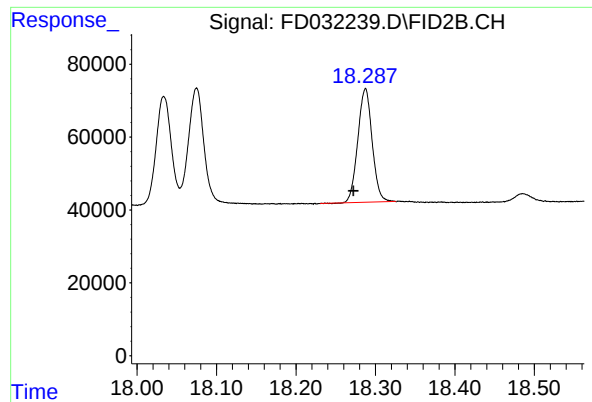
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.015 min
Response: 385438
Conc: 3.35 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.015 min
Response: 422196
Conc: 3.61 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.015 min
Response: 390398
Conc: 3.43 ug/ml

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