

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102220AR\
 Data File : FD035132.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 5:17
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 23 07:05:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 05:14:47 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...	7.648	2358062	20.457 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
6) S 2-Fluorobiphenyl (SURR)	8.513	1640228	20.746 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.49%
11) S ortho-Terphenyl (SURR)	11.552	2675733	20.299 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.446	2661123	20.462 ug/ml
2) T Naphthalene (C11.7)	5.986	2780100	20.442 ug/ml
3) T 2-Methylnaphthalene (...)	7.039	2787231	20.451 ug/ml
5) T Acenaphthylene (C15.06)	8.314	2701866	20.316 ug/ml
7) T Acenaphthene (C15.5)	8.610	2778770	20.541 ug/ml
8) T Fluorene (C16.55)	9.391	2668003	20.565 ug/ml
9) T Phenanthrene (C19.36)	10.788	2598235	20.500 ug/ml
10) T Anthracene (C19.43)	10.864	2625548	20.543 ug/ml
12) T Fluoranthene (C21.85)	12.600	2545618	20.434 ug/ml
13) T Pyrene (C20.8)	12.897	2437060	19.940 ug/ml
14) T Benzo[a]anthracene (C...	14.768	2179908	20.642 ug/ml
15) T Chrysene (C27.41)	14.810	2358944	20.159 ug/ml
16) T benzo[b]fluoranthene ...	16.319	2097288	20.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.350	2143748	20.441 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.698	1941122	20.495 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.062	1818259	20.414 ug/ml
20) T Dibenz[a,h]anthracene...	18.099	2086111	20.576 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	1957209	20.483 ug/ml

(f)=RT Delta > 1/2 Window

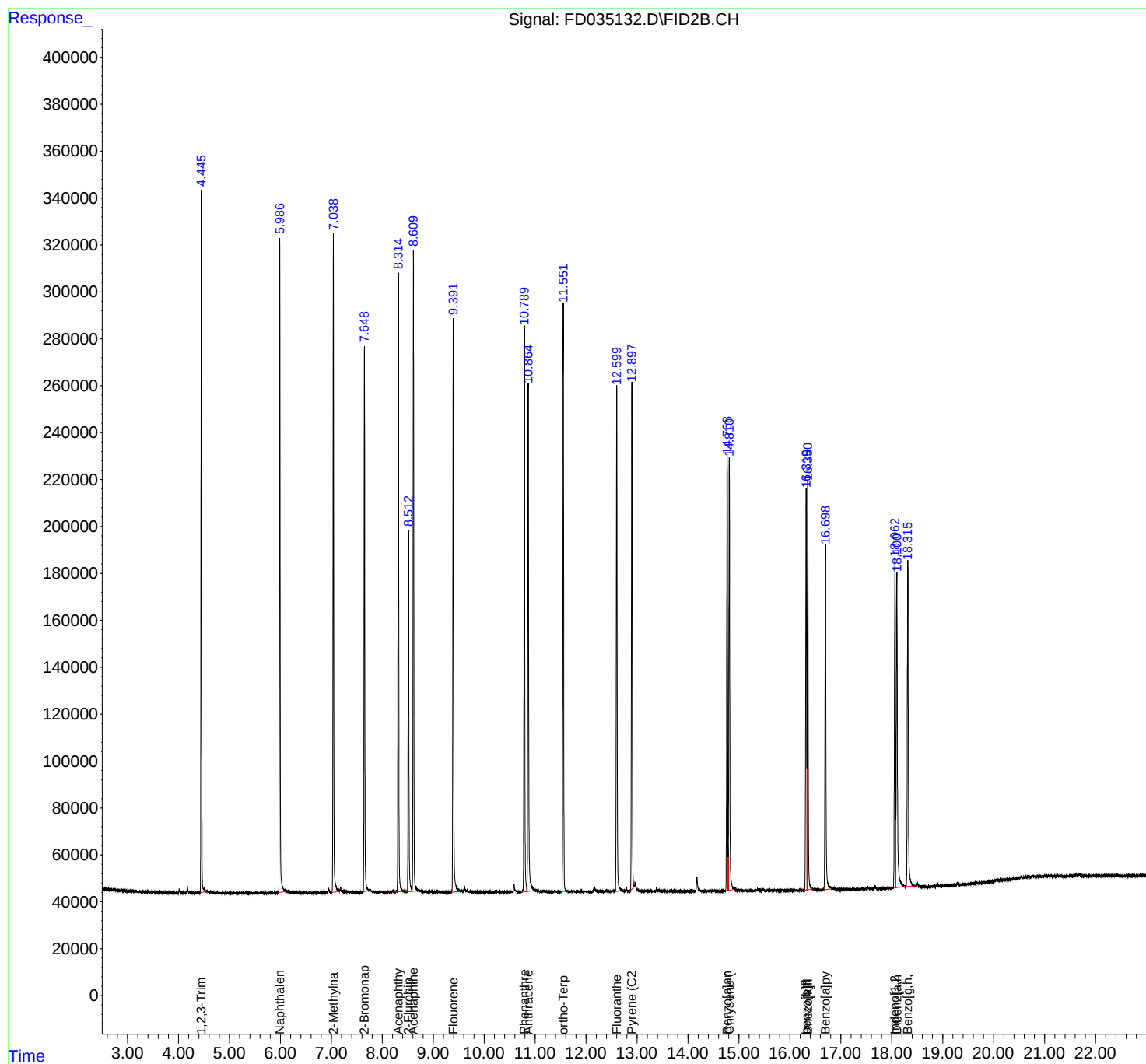
(m)=manual int.

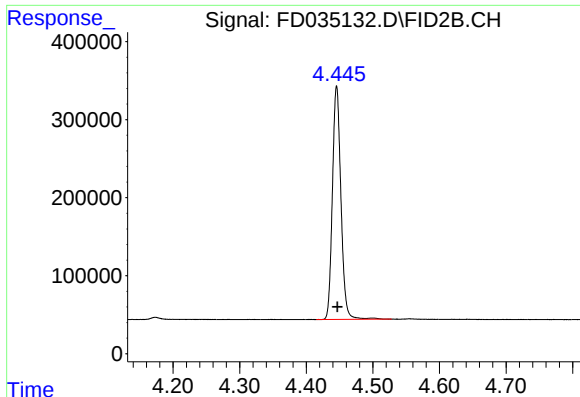
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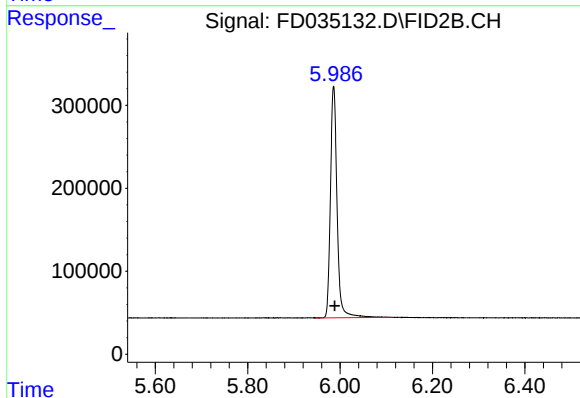




#1 1,2,3-Trimethylbenzene (C10.1)

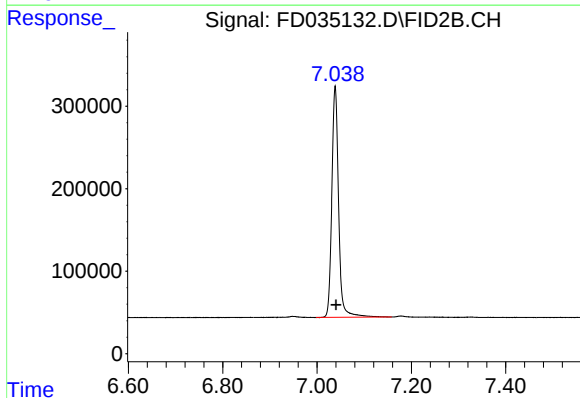
R.T.: 4.446 min
Delta R.T.: -0.001 min
Response: 2661123
Conc: 20.46 ug/ml

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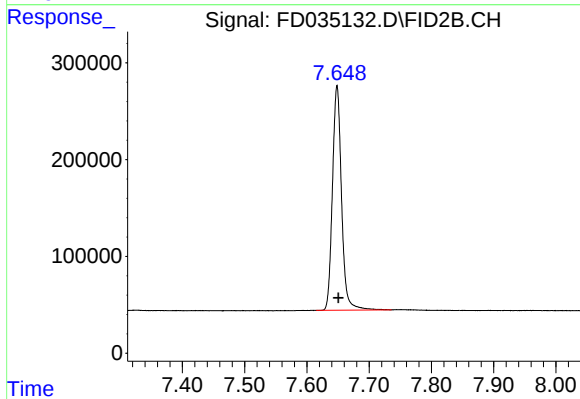
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 2780100
Conc: 20.44 ug/ml



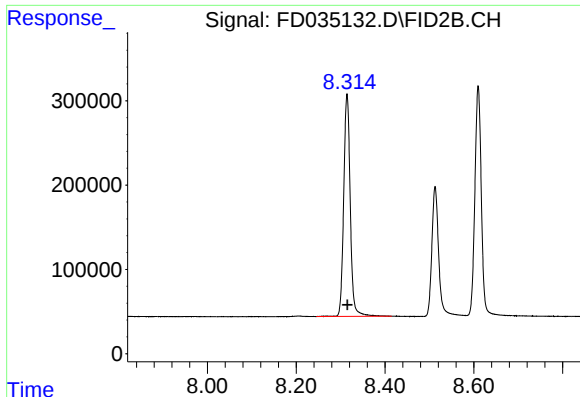
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 2787231
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

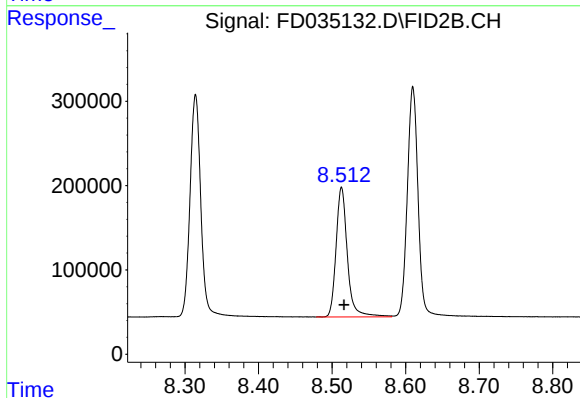
R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 2358062
Conc: 20.46 ug/ml



#5 Acenaphthylene (C15.06)

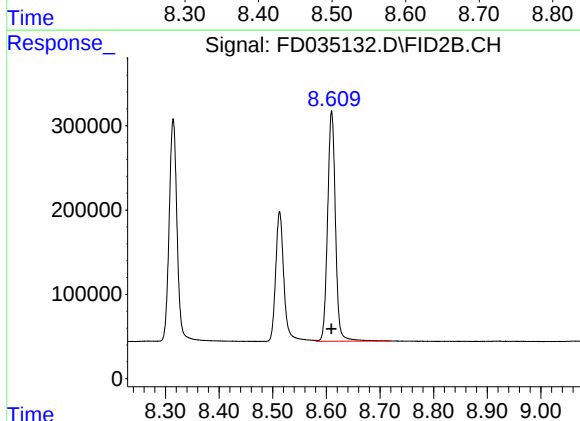
R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2701866
Conc: 20.32 ug/ml

Instrument :
FID_D
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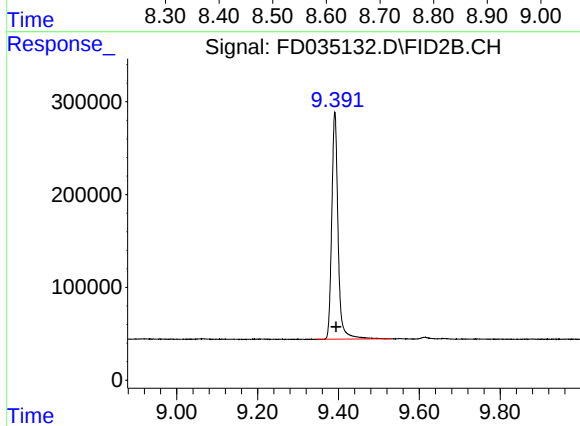
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 1640228
Conc: 20.75 ug/ml



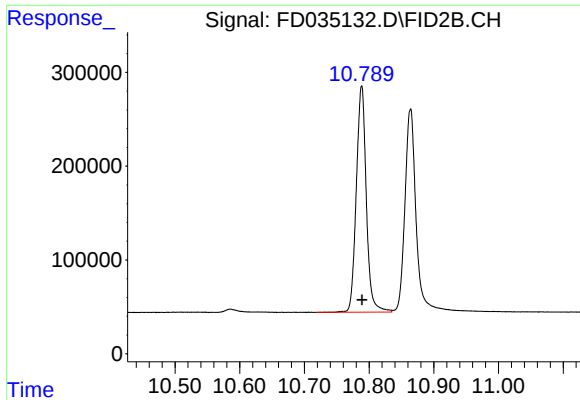
#7 Acenaphthene (C15.5)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 2778770
Conc: 20.54 ug/ml



#8 Fluorene (C16.55)

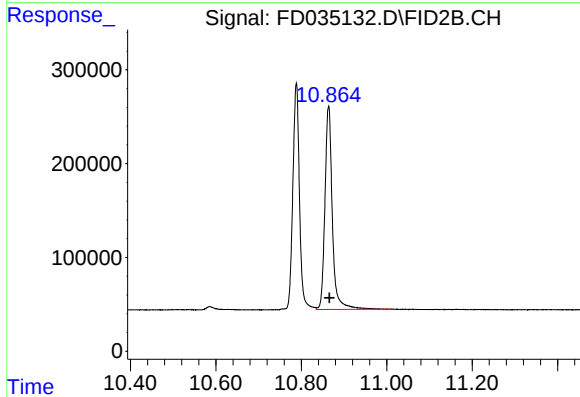
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 2668003
Conc: 20.57 ug/ml



#9 Phenanthrene (C19.36)

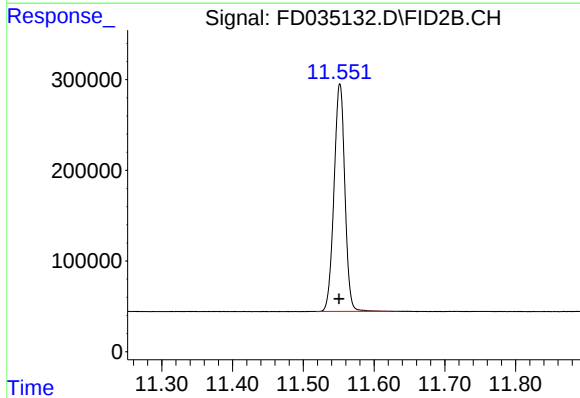
R.T.: 10.788 min
Delta R.T.: -0.001 min
Response: 2598235
Conc: 20.50 ug/ml

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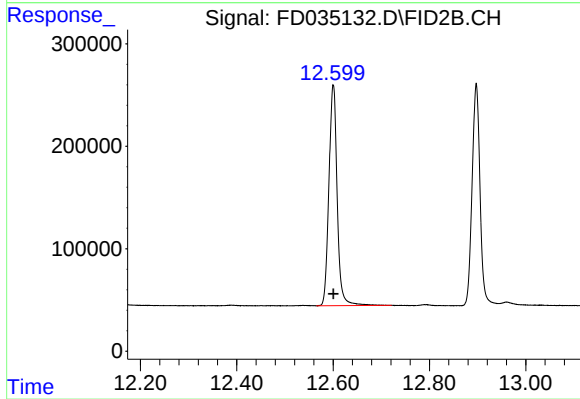
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: -0.002 min
Response: 2625548
Conc: 20.54 ug/ml



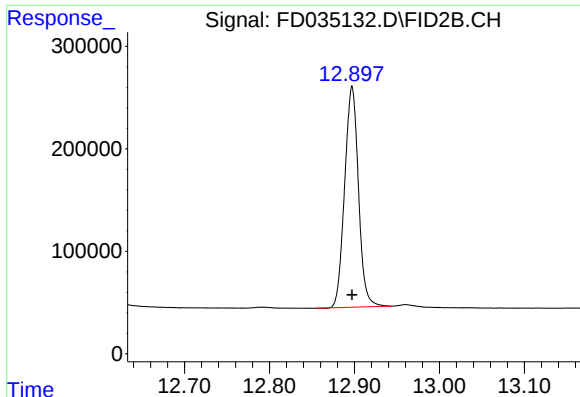
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: 0.001 min
Response: 2675733
Conc: 20.30 ug/ml



#12 Fluoranthene (C21.85)

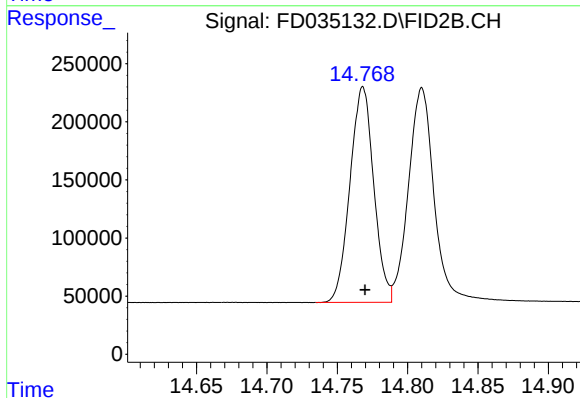
R.T.: 12.600 min
Delta R.T.: 0.000 min
Response: 2545618
Conc: 20.43 ug/ml



#13 Pyrene (C20.8)

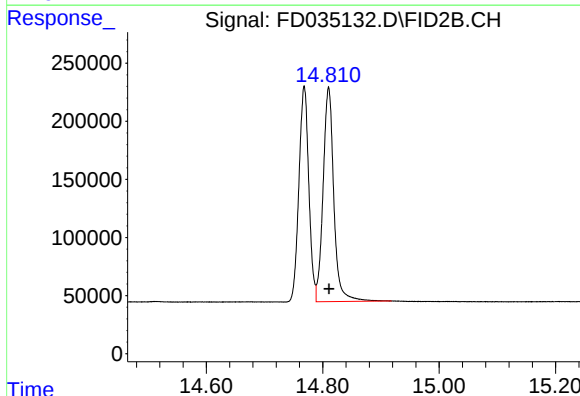
R.T.: 12.897 min
Delta R.T.: 0.000 min
Response: 2437060
Conc: 19.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



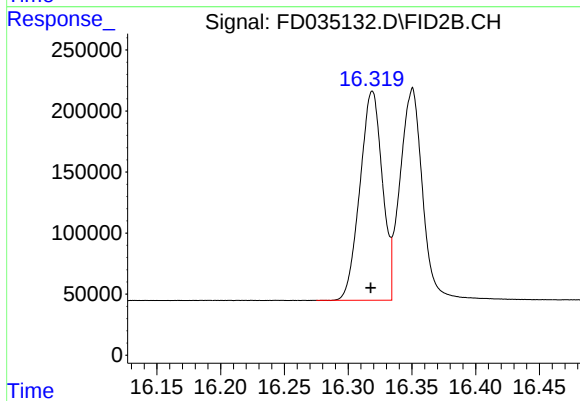
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: -0.002 min
Response: 2179908
Conc: 20.64 ug/ml



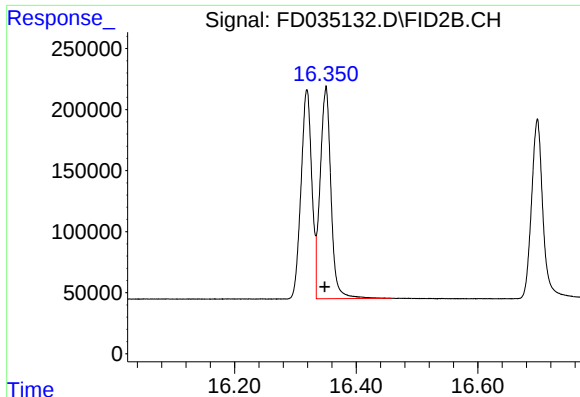
#15 Chrysene (C27.41)

R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 2358944
Conc: 20.16 ug/ml



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

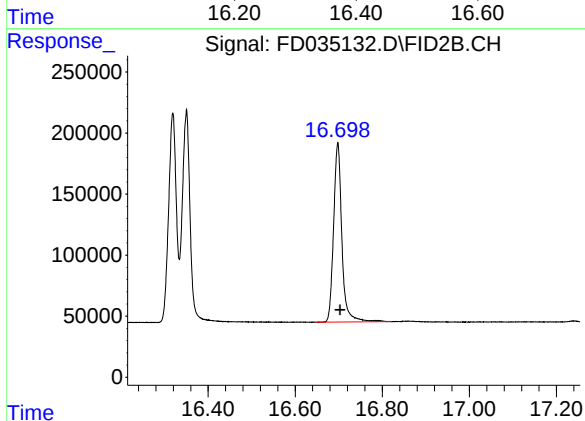
R.T.: 16.319 min
Delta R.T.: 0.000 min
Response: 2097288
Conc: 20.59 ug/ml



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

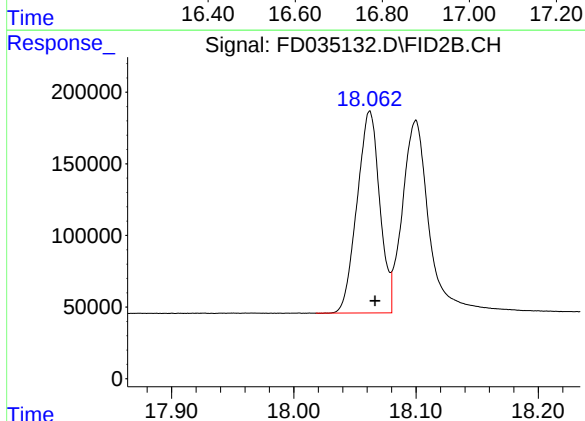
R.T.: 16.350 min
Delta R.T.: 0.001 min
Response: 2143748
Conc: 20.44 ug/ml

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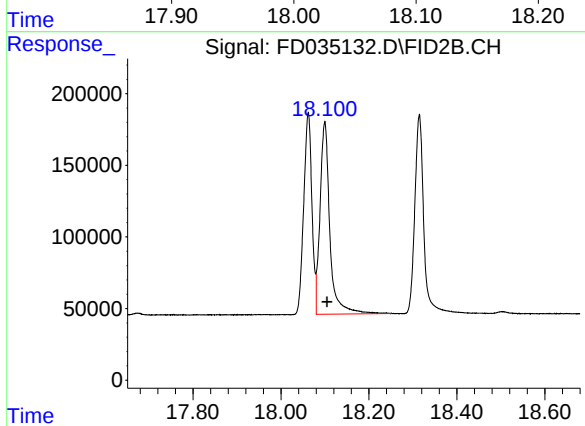
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.698 min
Delta R.T.: -0.006 min
Response: 1941122
Conc: 20.50 ug/ml



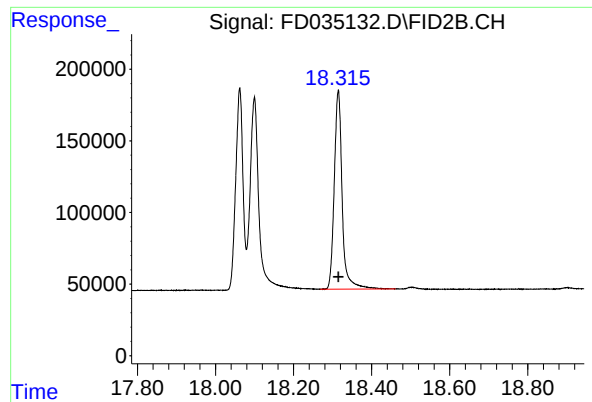
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.062 min
Delta R.T.: -0.005 min
Response: 1818259
Conc: 20.41 ug/ml



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

R.T.: 18.099 min
Delta R.T.: -0.005 min
Response: 2086111
Conc: 20.58 ug/ml



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

R.T.: 18.314 min
Delta R.T.: 0.000 min
Response: 1957209
Conc: 20.48 ug/ml

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