

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020420AR\
 Data File : FD032279.D
 Signal(s) : FID2B.CH
 Acq On : 05 Feb 2020 00:29
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 05 11:54:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.632	2705971	19.472 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
6) S 2-Fluorobiphenyl (SURR)	8.495	1857135	19.583 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.17%
11) S ortho-Terphenyl (SURR)	11.533	2866683	19.327 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.435	2829140	19.535 ug/ml
2) T Naphthalene (C11.7)	5.973	2972238	19.503 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	2951692	19.511 ug/ml
5) T Acenaphthylene (C15.06)	8.298	2872841	19.496 ug/ml
7) T Acenaphthene (C15.5)	8.593	2952425	19.551 ug/ml
8) T Fluorene (C16.55)	9.373	2937270	19.627 ug/ml
9) T Phenanthrene (C19.36)	10.768	2937418	19.422 ug/ml
10) T Anthracene (C19.43)	10.843	2882088	19.430 ug/ml
12) T Fluoranthene (C21.85)	12.580	2916691	19.369 ug/ml
13) T Pyrene (C20.8)	12.876	2893401	19.381 ug/ml
14) T Benzo[a]anthracene (C...	14.748	2749573	19.361 ug/ml
15) T Chrysene (C27.41)	14.790	2752786	19.257 ug/ml
16) T benzo[b]fluoranthene ...	16.298	2672303	19.284 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	2663232	19.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	2631114	19.312 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	2489281	19.245 ug/ml
20) T Dibenz[a,h]anthracene...	18.081	2522590	19.325 ug/ml
21) T Benzo[g,h,i]perylene ...	18.297	2432930	19.372 ug/ml

(f)=RT Delta > 1/2 Window

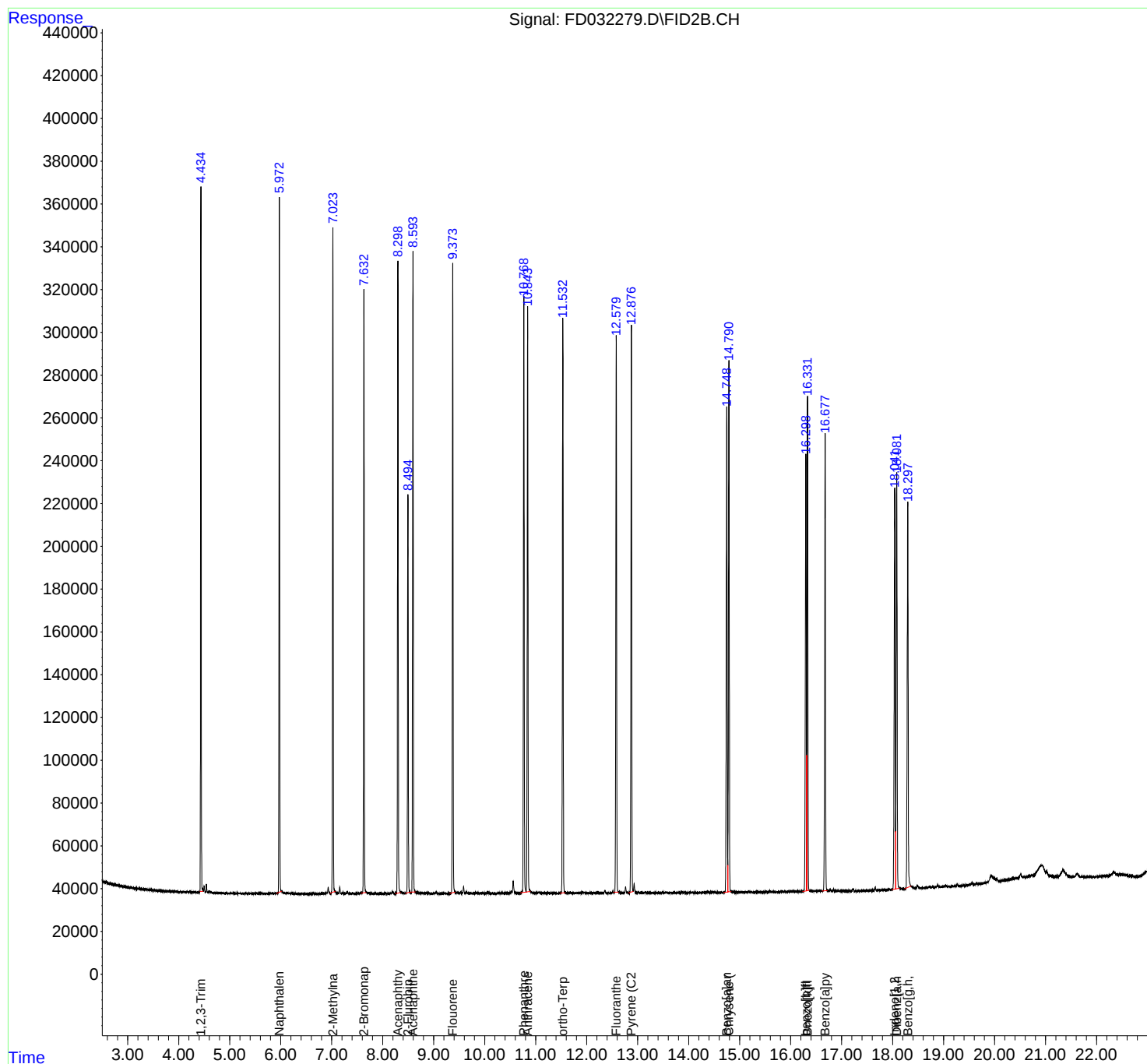
(m)=manual int.

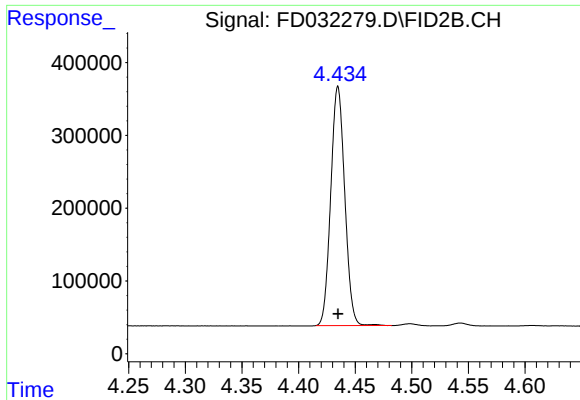
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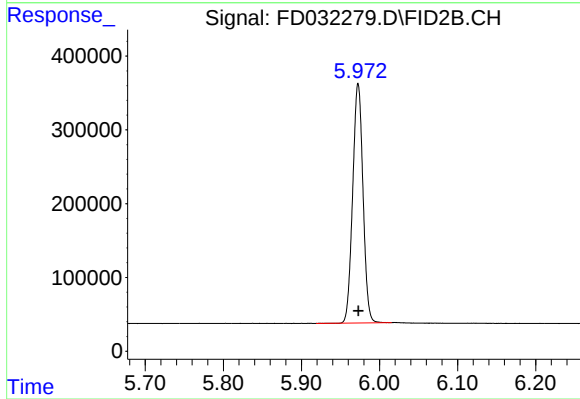




#1 1,2,3-Trimethylbenzene (C10.1)

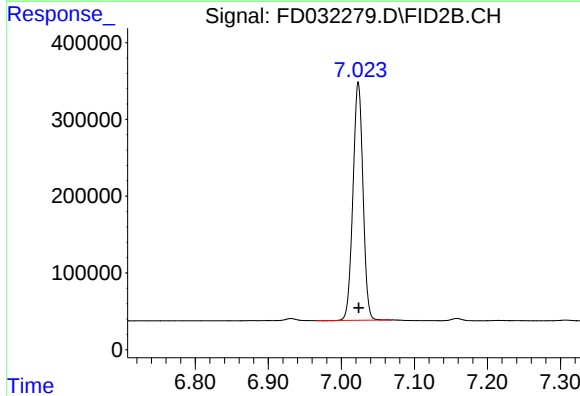
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 2829140
Conc: 19.54 ug/ml

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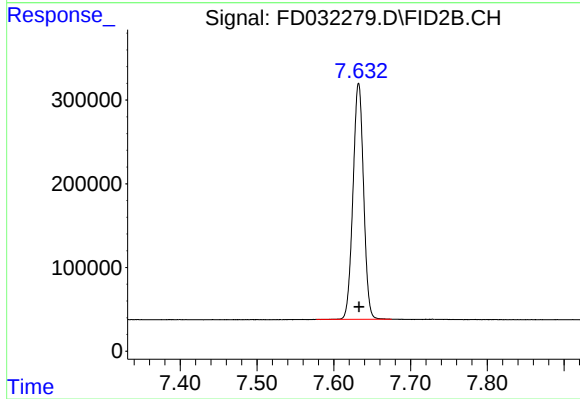
#2 Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 2972238
Conc: 19.50 ug/ml



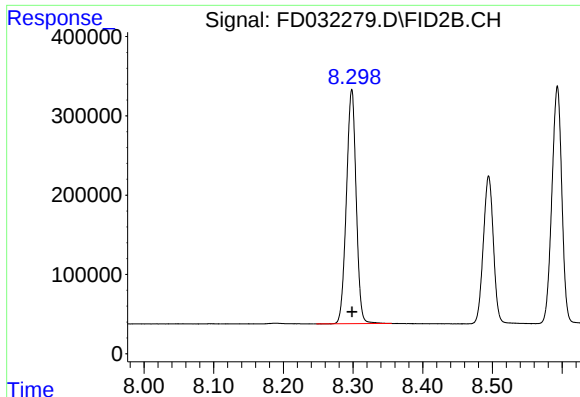
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 2951692
Conc: 19.51 ug/ml



#4 2-Bromonaphthalene (SURR)

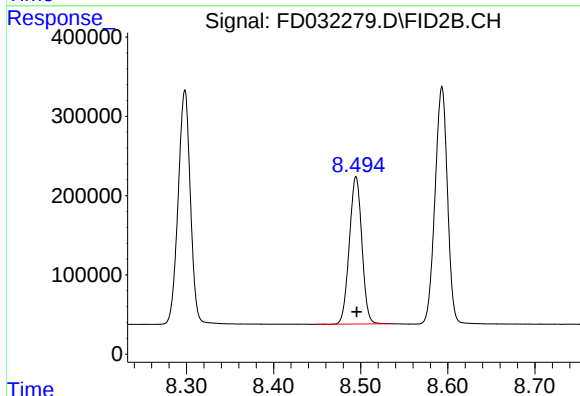
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 2705971
Conc: 19.47 ug/ml



#5 Acenaphthylene (C15.06)

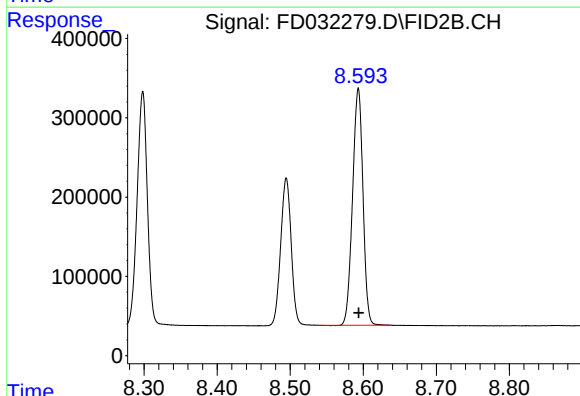
R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 2872841
Conc: 19.50 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



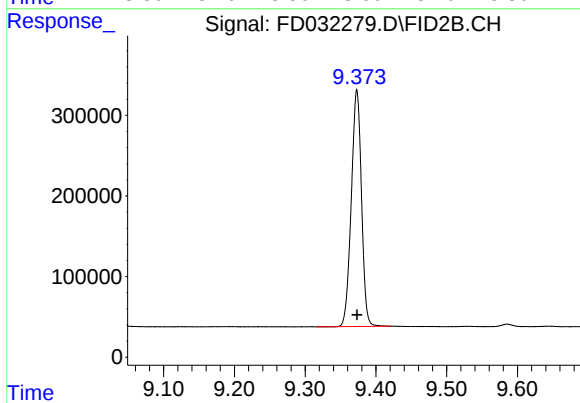
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 1857135
Conc: 19.58 ug/ml



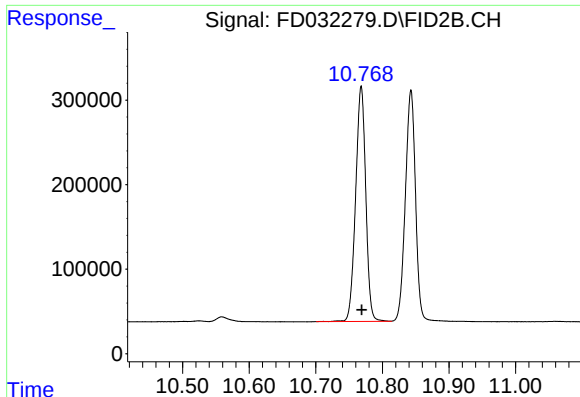
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 2952425
Conc: 19.55 ug/ml



#8 Fluorene (C16.55)

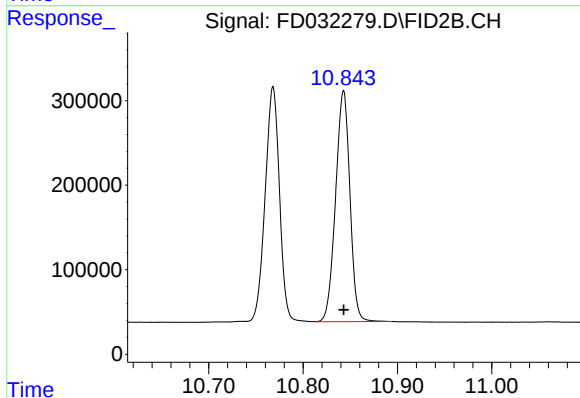
R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 2937270
Conc: 19.63 ug/ml



#9 Phenanthrene (C19.36)

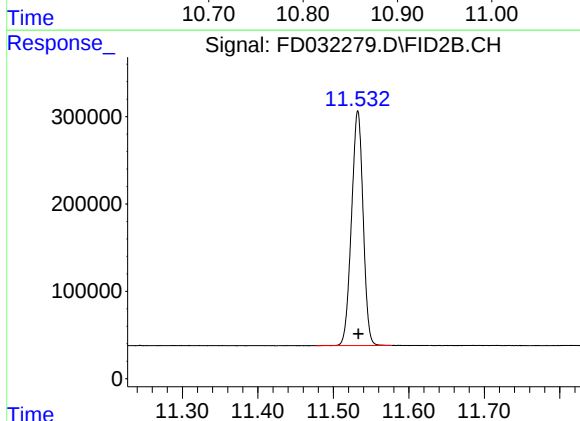
R.T.: 10.768 min
Delta R.T.: 0.000 min
Response: 2937418
Conc: 19.42 ug/ml

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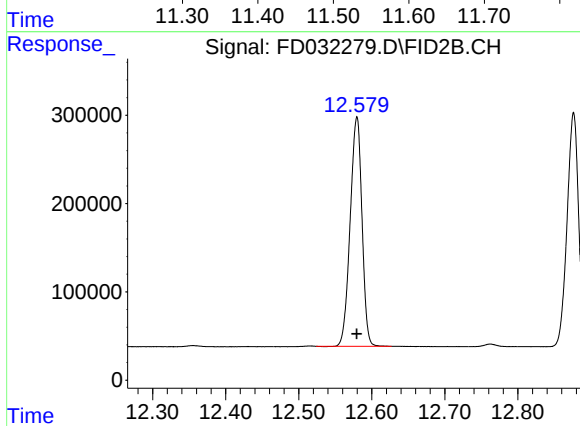
#10 Anthracene (C19.43)

R.T.: 10.843 min
Delta R.T.: 0.000 min
Response: 2882088
Conc: 19.43 ug/ml



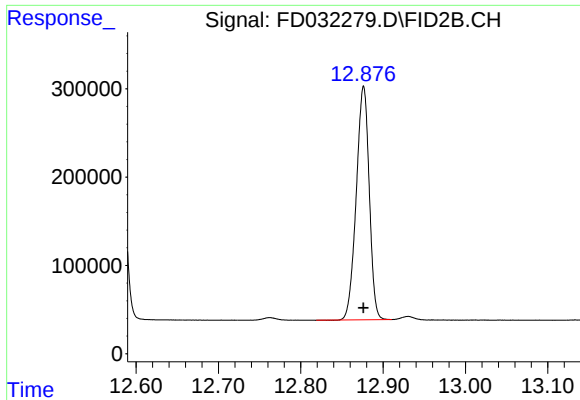
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 2866683
Conc: 19.33 ug/ml



#12 Fluoranthene (C21.85)

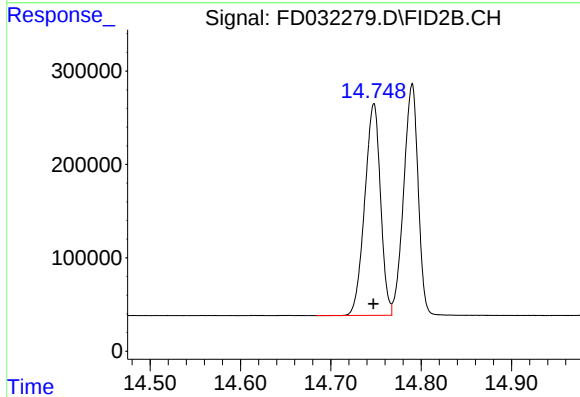
R.T.: 12.580 min
Delta R.T.: 0.000 min
Response: 2916691
Conc: 19.37 ug/ml



#13 Pyrene (C20.8)

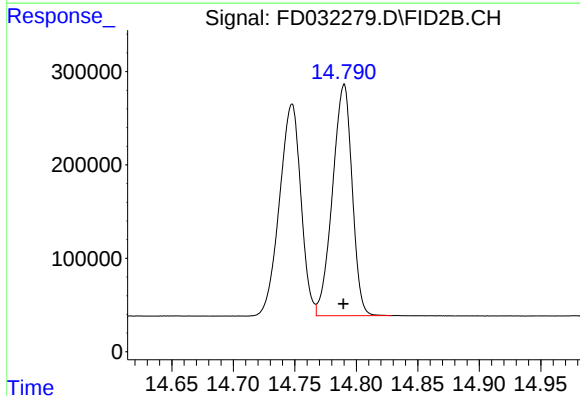
R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 2893401
Conc: 19.38 ug/ml

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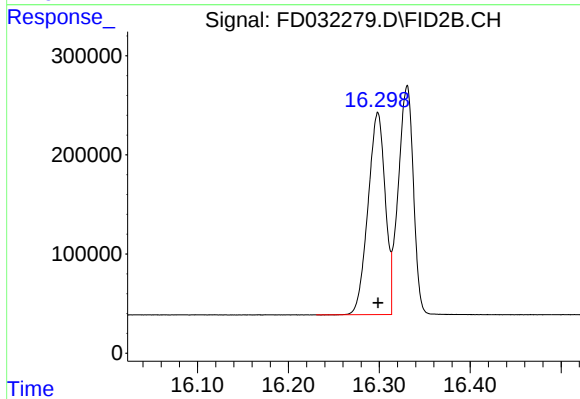
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: 0.000 min
Response: 2749573
Conc: 19.36 ug/ml



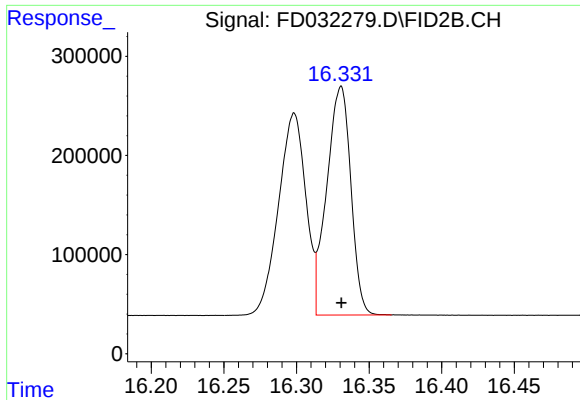
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 2752786
Conc: 19.26 ug/ml



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

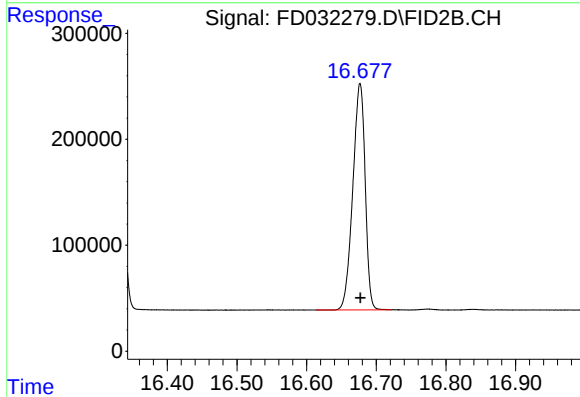
R.T.: 16.298 min
Delta R.T.: 0.000 min
Response: 2672303
Conc: 19.28 ug/ml



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

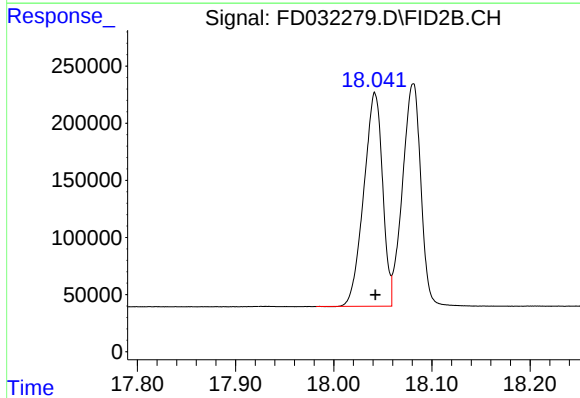
R.T.: 16.331 min
Delta R.T.: 0.000 min
Response: 2663232
Conc: 19.30 ug/ml

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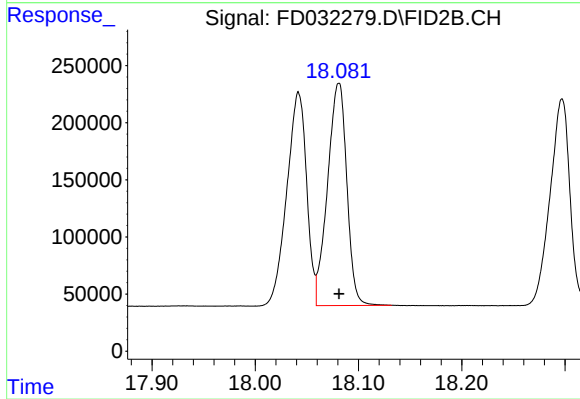
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: 0.000 min
Response: 2631114
Conc: 19.31 ug/ml



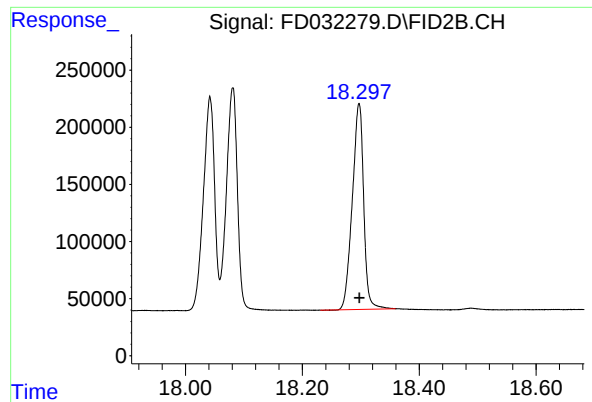
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.000 min
Response: 2489281
Conc: 19.24 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.000 min
Response: 2522590
Conc: 19.32 ug/ml



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

R.T.: 18.297 min
Delta R.T.: 0.000 min
Response: 2432930
Conc: 19.37 ug/ml

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