

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046799.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 21:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 28 02:53:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.484	3685343	20.208 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
6) S 2-Fluorobiphenyl (SURR)	8.337	2395282	20.354 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.71%
11) S ortho-Terphenyl (SURR)	11.375	4284555	20.233 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.299	3887023	20.127 ug/ml
2) T Naphthalene (C11.7)	5.824	4050068	20.226 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	4078506	20.293 ug/ml
5) T Acenaphthylene (C15.06)	8.141	3736358	20.314 ug/ml
7) T Acenaphthene (C15.5)	8.436	3972460	20.279 ug/ml
8) T Flouorene (C16.55)	9.214	3788117	20.480 ug/ml
9) T Phenanthrene (C19.36)	10.603	3628000	20.393 ug/ml
10) T Anthracene (C19.43)	10.677	3465929	20.338 ug/ml
12) T Fluoranthene (C21.85)	12.405	3504363	20.291 ug/ml
13) T Pyrene (C20.8)	12.699	3404432	20.474 ug/ml
14) T Benzo[a]anthracene (C...	14.563	2843908	20.214 ug/ml
15) T Chrysene (C27.41)	14.604	3094370	19.841 ug/ml
16) T benzo[b]fluoranthene ...	16.104	2895948	20.234 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	2919083	19.939 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	2846131	20.305 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2535186	20.068 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	2724761	19.504 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	2808495	20.115 ug/ml

(f)=RT Delta > 1/2 Window

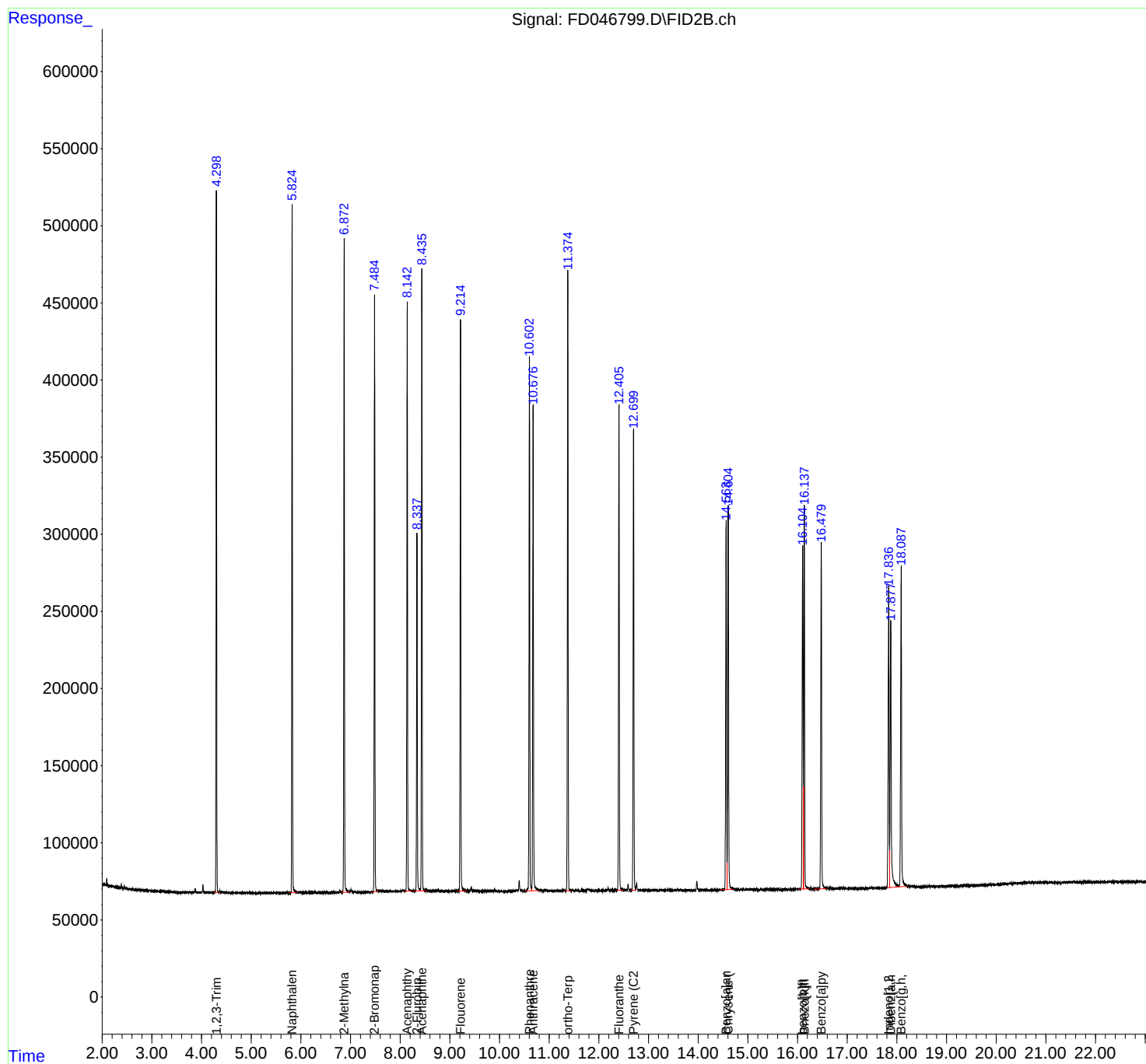
(m)=manual int.

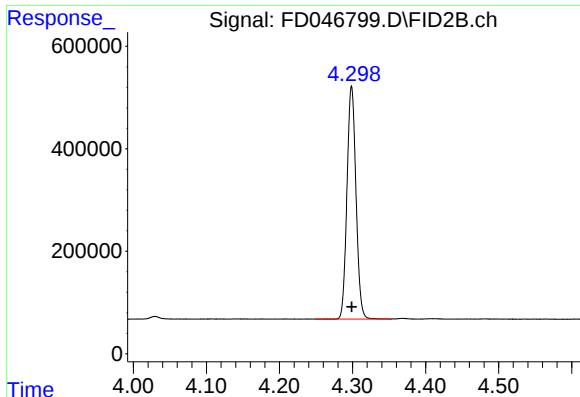
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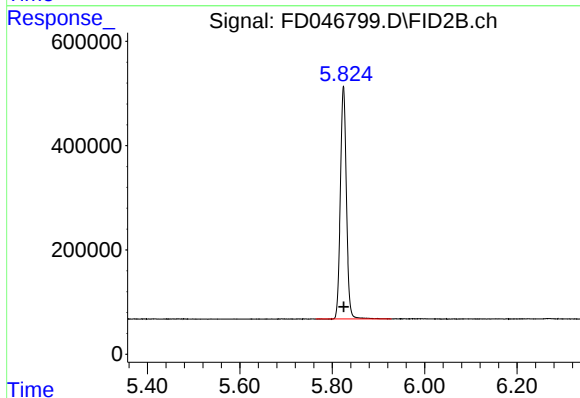




#1 1,2,3-Trimethylbenzene (C10.1)

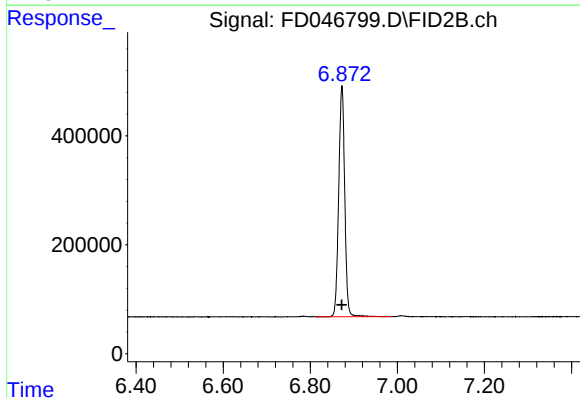
R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 3887023
Conc: 20.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



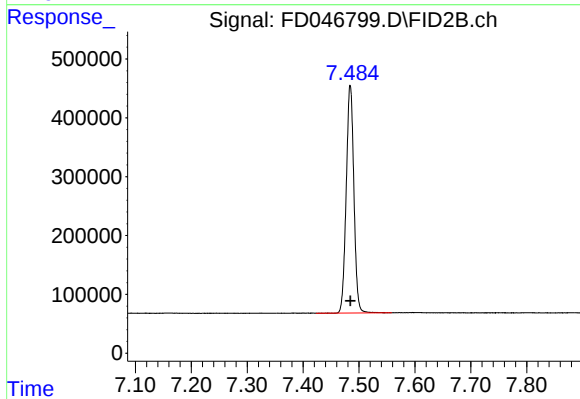
#2 Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 4050068
Conc: 20.23 ug/ml



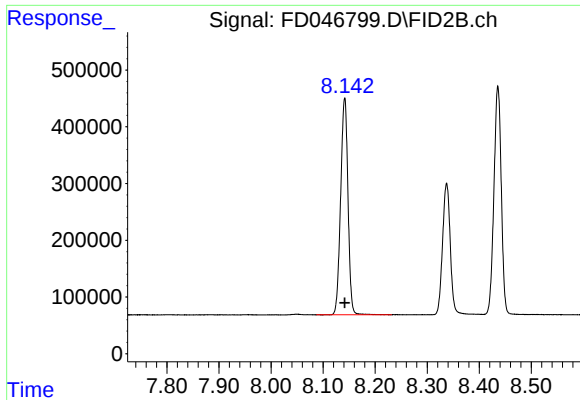
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 4078506
Conc: 20.29 ug/ml



#4 2-Bromonaphthalene (SURR)

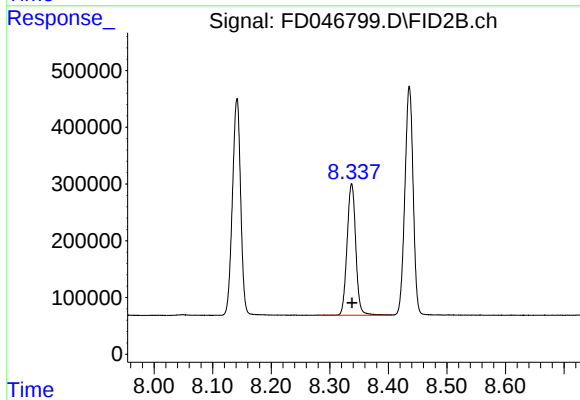
R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 3685343
Conc: 20.21 ug/ml



#5 Acenaphthylene (C15.06)

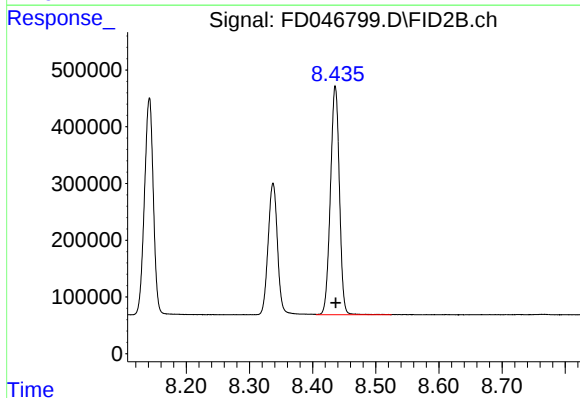
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 3736358
Conc: 20.31 ug/ml

Instrument :
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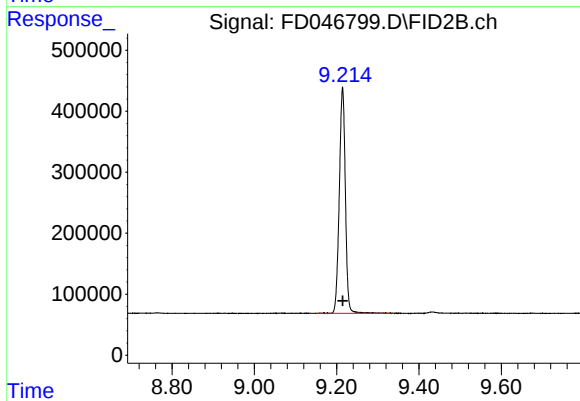
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 2395282
Conc: 20.35 ug/ml



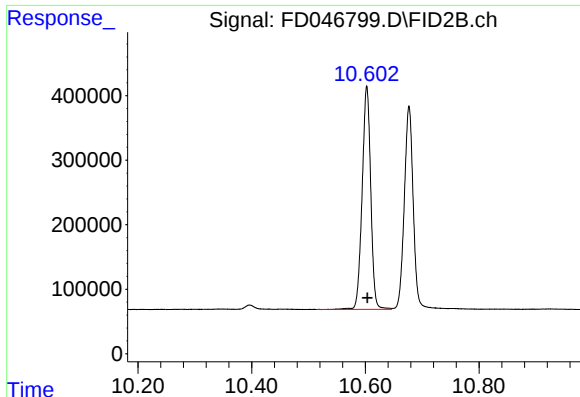
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: 0.000 min
Response: 3972460
Conc: 20.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 3788117
Conc: 20.48 ug/ml



#9 Phenanthrene (C19.36)

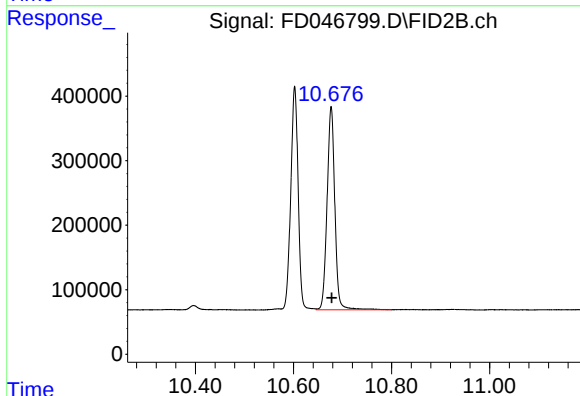
R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 3628000
Conc: 20.39 ug/ml

Instrument :

FID_D

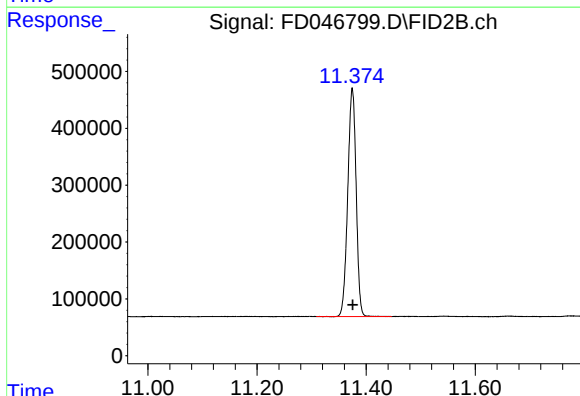
ClientSampleId :

20 PPM AROMATIC HC STD ICV



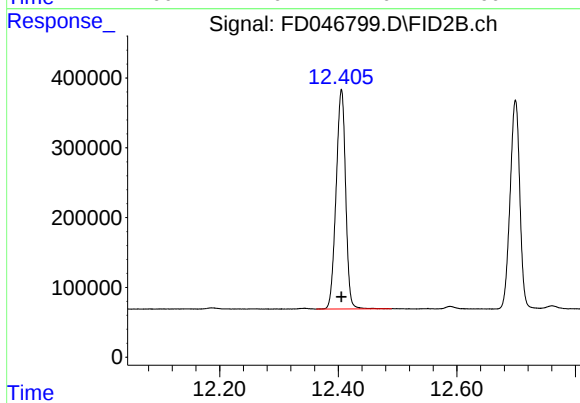
#10 Anthracene (C19.43)

R.T.: 10.677 min
Delta R.T.: -0.001 min
Response: 3465929
Conc: 20.34 ug/ml



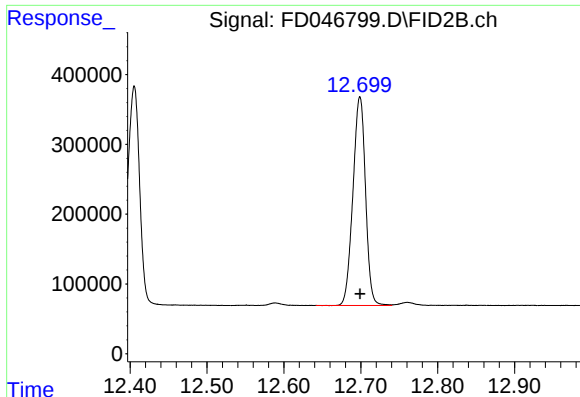
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 4284555
Conc: 20.23 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.405 min
Delta R.T.: 0.000 min
Response: 3504363
Conc: 20.29 ug/ml



#13 Pyrene (C20.8)

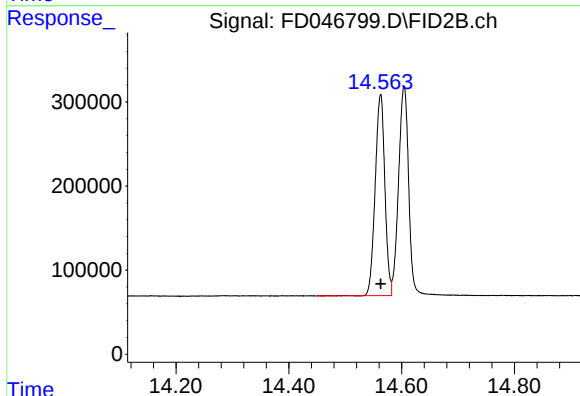
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 3404432
Conc: 20.47 ug/ml

Instrument :

FID_D

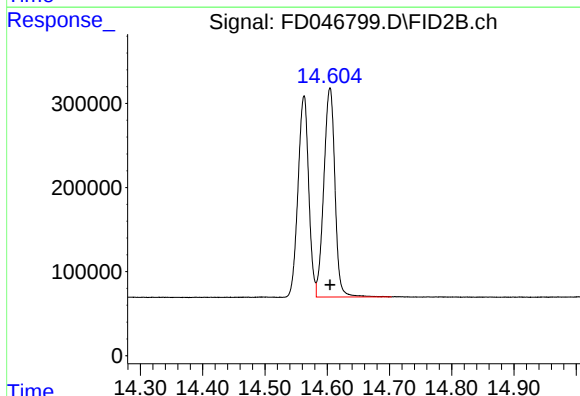
ClientSampleId :

20 PPM AROMATIC HC STD ICV



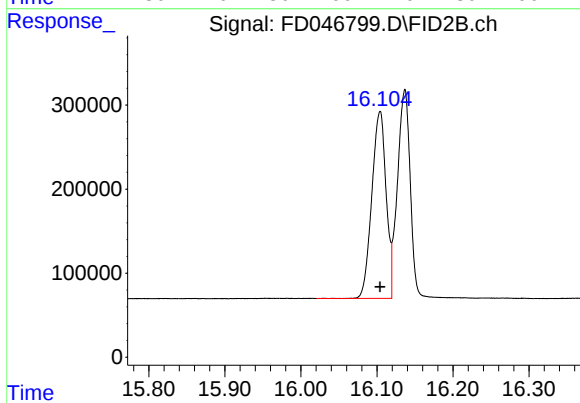
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.563 min
Delta R.T.: 0.000 min
Response: 2843908
Conc: 20.21 ug/ml



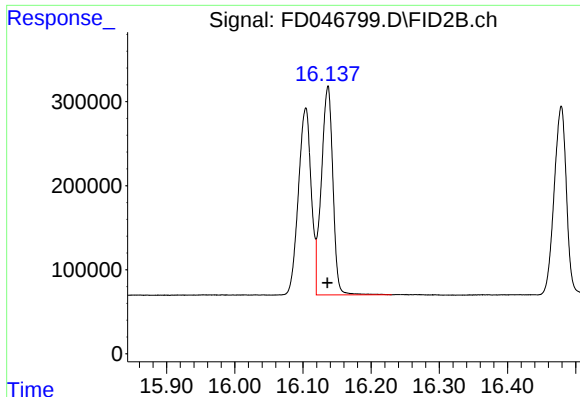
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.000 min
Response: 3094370
Conc: 19.84 ug/ml



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

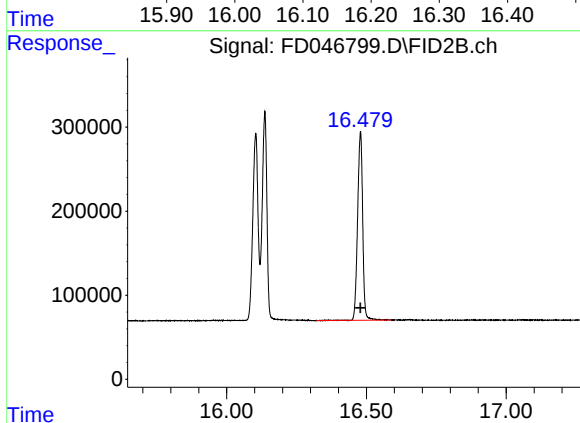
R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 2895948
Conc: 20.23 ug/ml



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

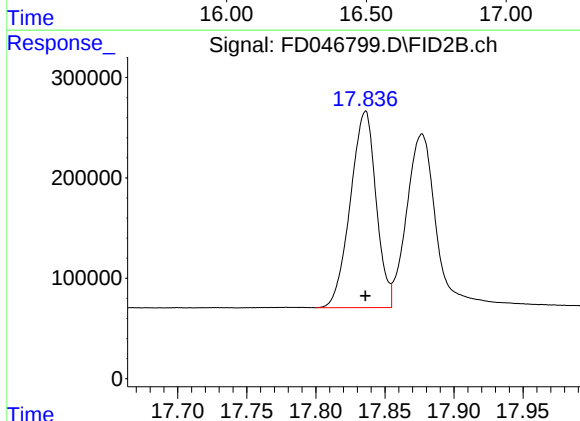
R.T.: 16.136 min
Delta R.T.: 0.000 min
Response: 2919083
Conc: 19.94 ug/ml

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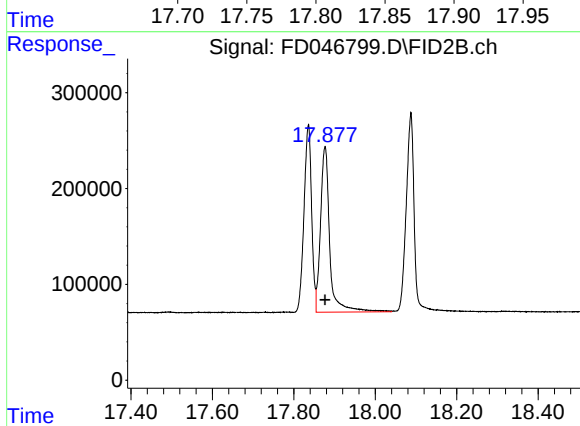
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.000 min
Response: 2846131
Conc: 20.31 ug/ml



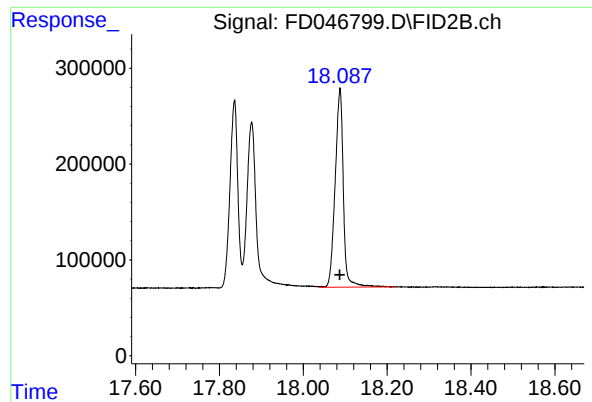
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 2535186
Conc: 20.07 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.000 min
Response: 2724761
Conc: 19.50 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 2808495
Conc: 20.11 ug/ml

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