

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091124AR\
 Data File : FD048292.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 13:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 11 04:48:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.390	2940962	19.392 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
6) S 2-Fluorobiphenyl (SURR)	8.241	1820802	19.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.11%
11) S ortho-Terphenyl (SURR)	11.275	3234306	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.210	3417519	19.373 ug/ml
2) T Naphthalene (C11.7)	5.730	3440412	19.025 ug/ml
3) T 2-Methylnaphthalene (...)	6.777	3385393	18.923 ug/ml
5) T Acenaphthylene (C15.06)	8.042	3320038	19.003 ug/ml
7) T Acenaphthene (C15.5)	8.336	3396503	19.097 ug/ml
8) T Fluorene (C16.55)	9.115	3158186	18.860 ug/ml
9) T Phenanthrene (C19.36)	10.502	3000579	18.586 ug/ml
10) T Anthracene (C19.43)	10.578	2909345	18.283 ug/ml
12) T Fluoranthene (C21.85)	12.306	3017262	18.612 ug/ml
13) T Pyrene (C20.8)	12.599	2939472	18.333 ug/ml
14) T Benzo[a]anthracene (C...	14.467	2616174	18.677 ug/ml
15) T Chrysene (C27.41)	14.509	3032654	18.411 ug/ml
16) T benzo[b]fluoranthene ...	16.012	2782198	18.726 ug/ml
17) T Bnezo[k]fluoranthene ...	16.044	2818306	18.299 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	2775814	18.761 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	1833242	16.224 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	2709556	17.755 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	2654385	18.008 ug/ml

(f)=RT Delta > 1/2 Window

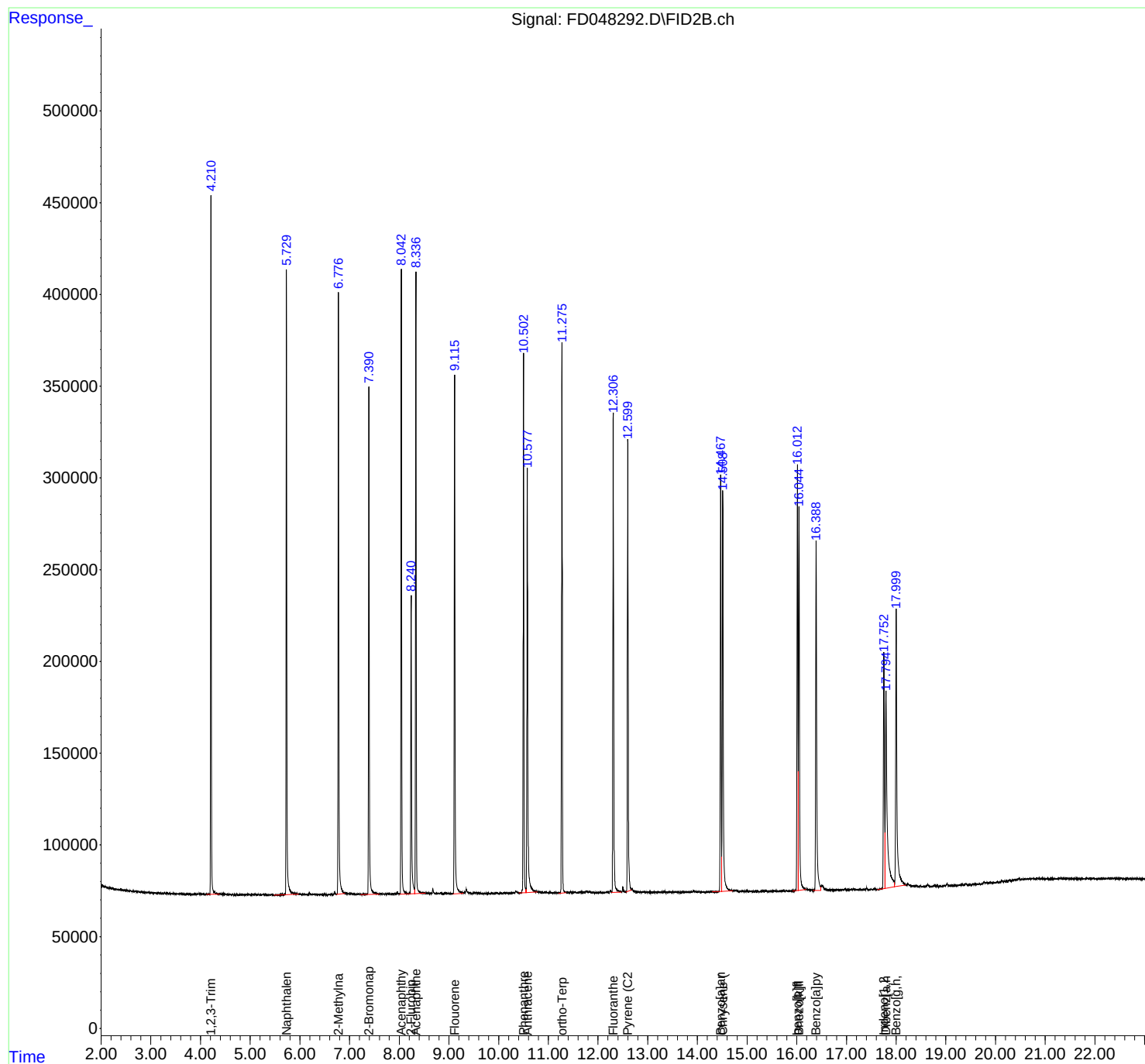
(m)=manual int.

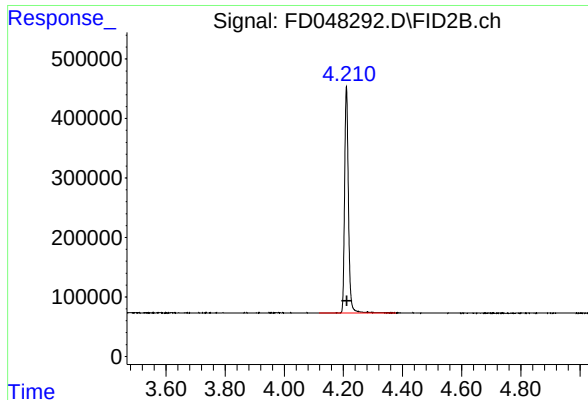
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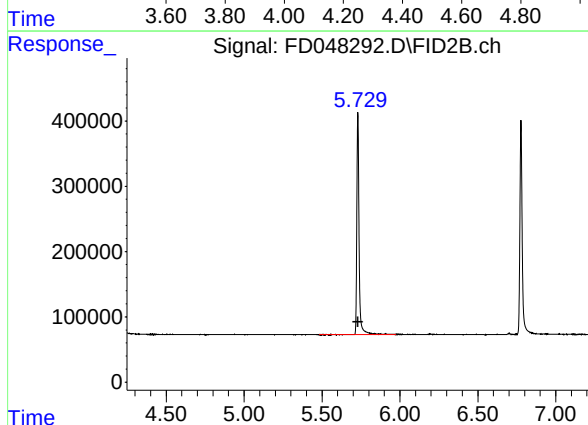




#1 1,2,3-Trimethylbenzene (C10.1)

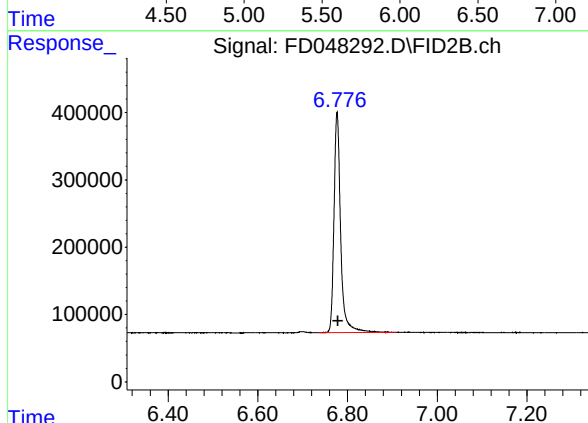
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 3417519
Conc: 19.37 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



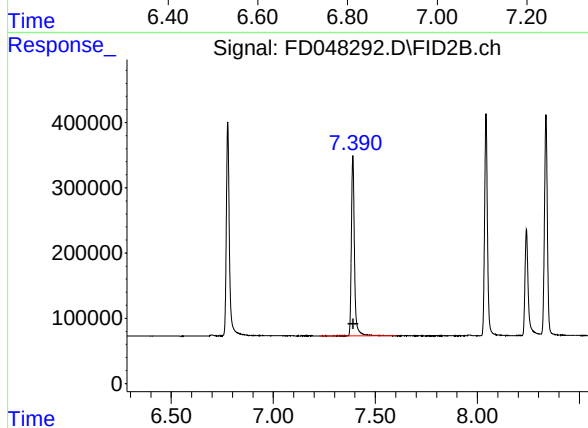
#2 Naphthalene (C11.7)

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 3440412
Conc: 19.02 ug/ml



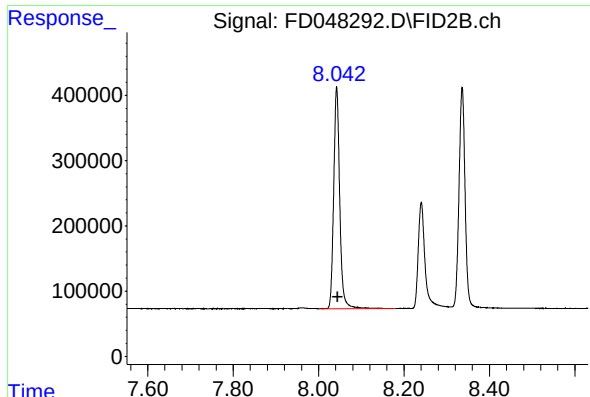
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 3385393
Conc: 18.92 ug/ml



#4 2-Bromonaphthalene (SURR)

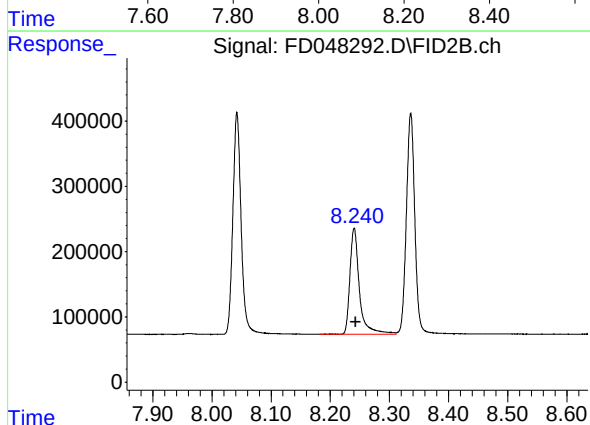
R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 2940962
Conc: 19.39 ug/ml



#5 Acenaphthylene (C15.06)

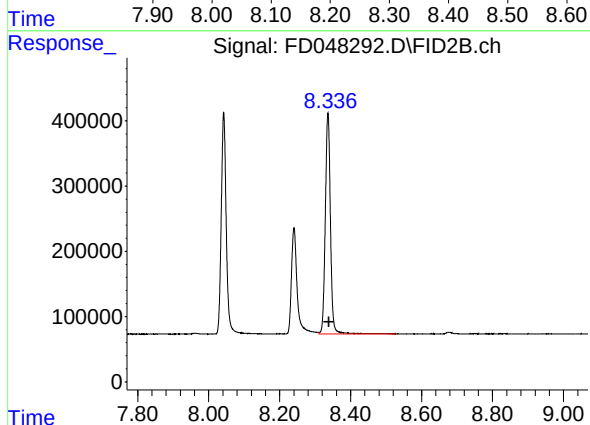
R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 3320038
Conc: 19.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



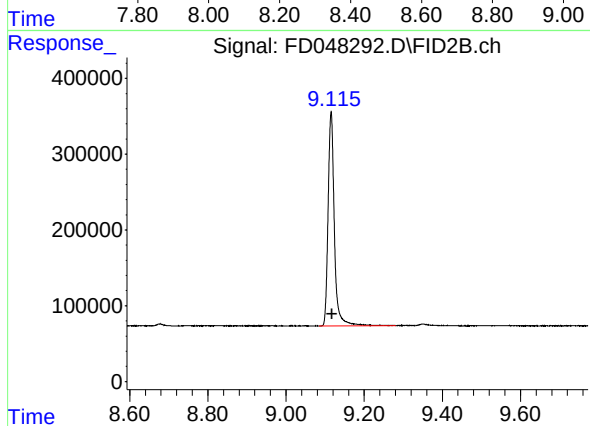
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 1820802
Conc: 19.06 ug/ml



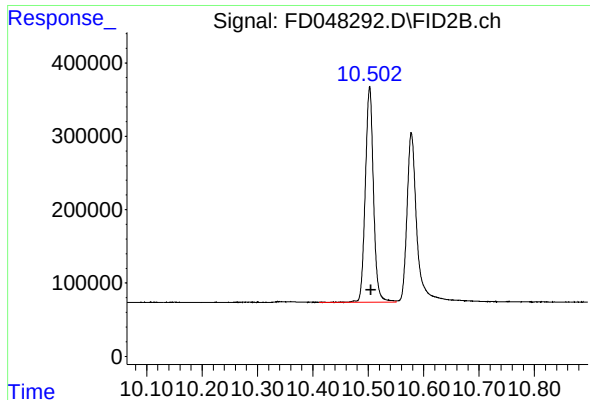
#7 Acenaphthene (C15.5)

R.T.: 8.336 min
Delta R.T.: -0.003 min
Response: 3396503
Conc: 19.10 ug/ml



#8 Flouorene (C16.55)

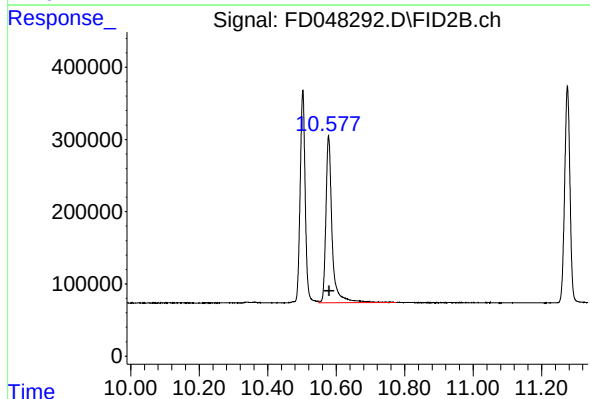
R.T.: 9.115 min
Delta R.T.: -0.002 min
Response: 3158186
Conc: 18.86 ug/ml



#9 Phenanthrene (C19.36)

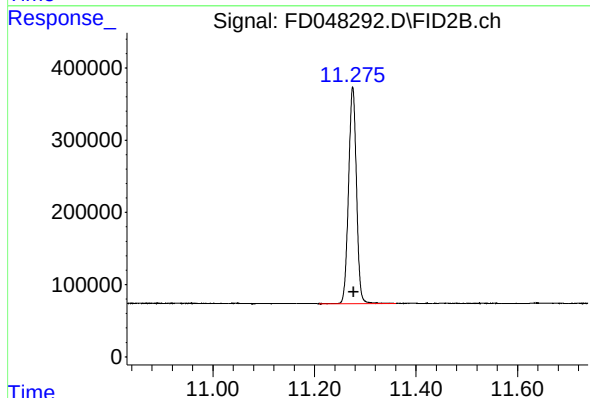
R.T.: 10.502 min
Delta R.T.: -0.002 min
Response: 3000579
Conc: 18.59 ug/ml

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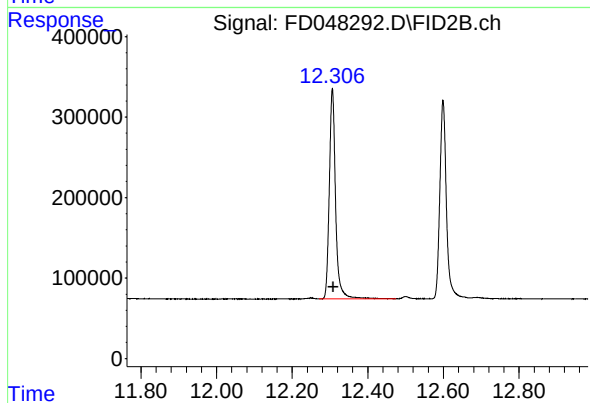
#10 Anthracene (C19.43)

R.T.: 10.578 min
Delta R.T.: -0.002 min
Response: 2909345
Conc: 18.28 ug/ml



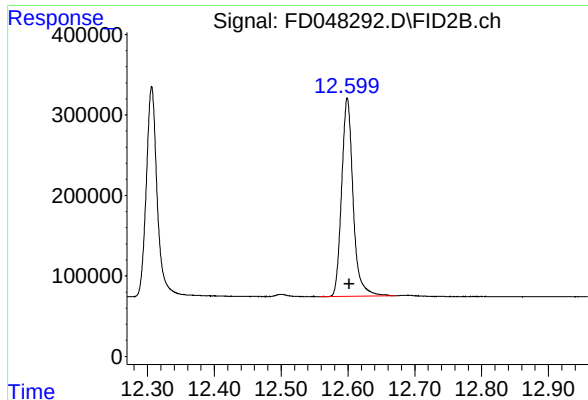
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 3234306
Conc: 18.85 ug/ml



#12 Fluoranthene (C21.85)

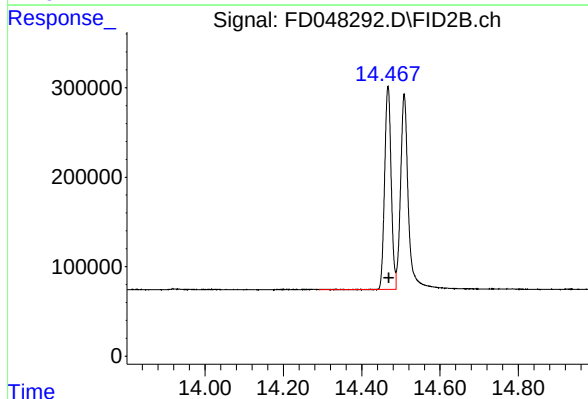
R.T.: 12.306 min
Delta R.T.: -0.002 min
Response: 3017262
Conc: 18.61 ug/ml



#13 Pyrene (C20.8)

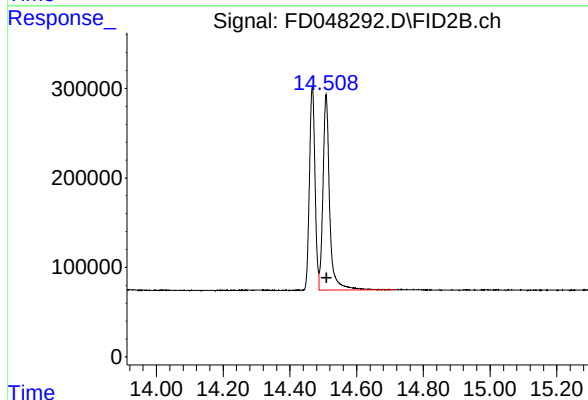
R.T.: 12.599 min
Delta R.T.: -0.003 min
Response: 2939472
Conc: 18.33 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



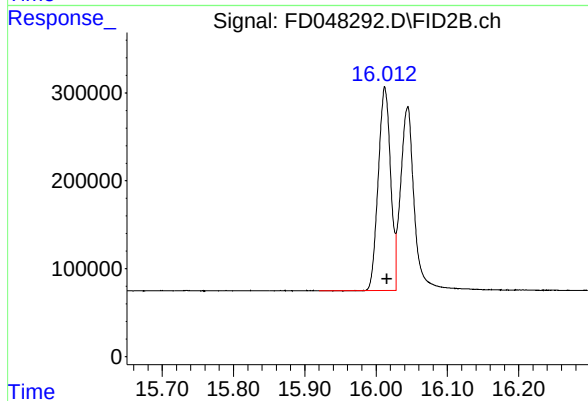
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.467 min
Delta R.T.: -0.002 min
Response: 2616174
Conc: 18.68 ug/ml



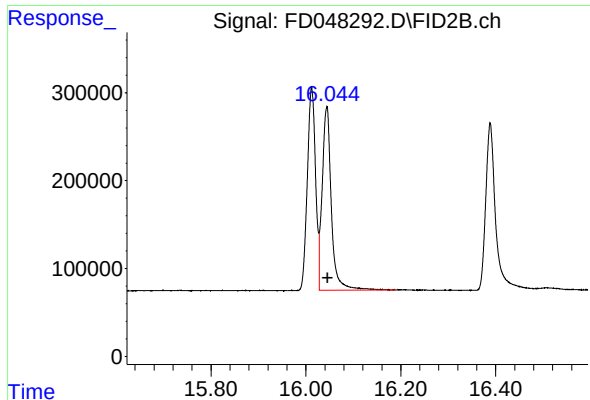
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: -0.002 min
Response: 3032654
Conc: 18.41 ug/ml



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

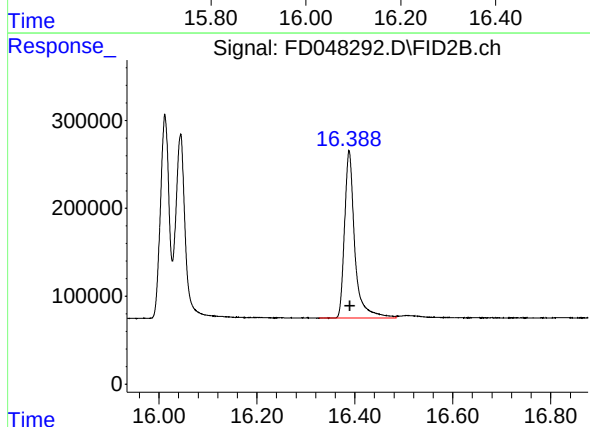
R.T.: 16.012 min
Delta R.T.: -0.003 min
Response: 2782198
Conc: 18.73 ug/ml



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

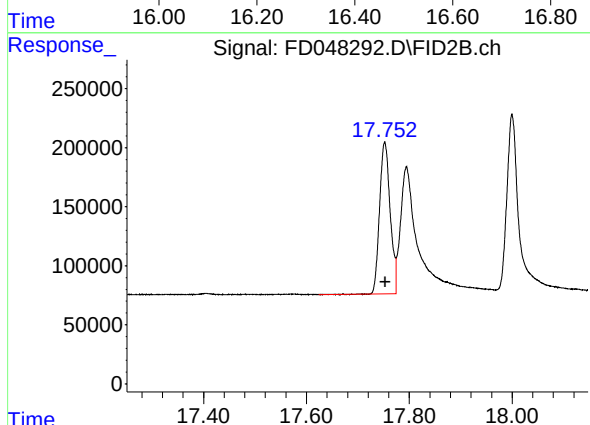
R.T.: 16.044 min
Delta R.T.: -0.002 min
Response: 2818306
Conc: 18.30 ug/ml

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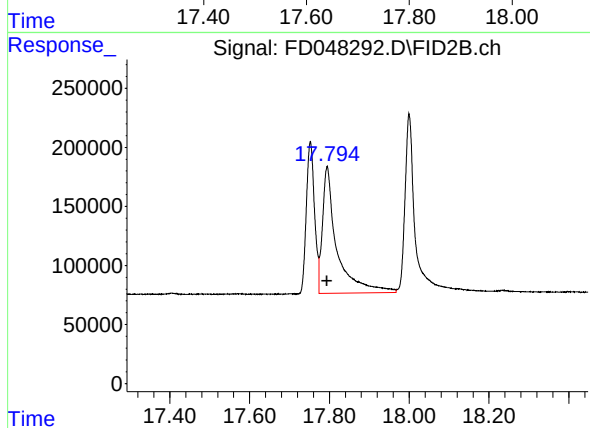
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: -0.002 min
Response: 2775814
Conc: 18.76 ug/ml



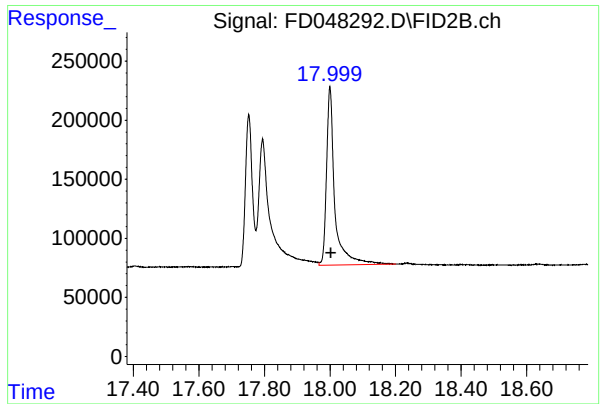
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: -0.001 min
Response: 1833242
Conc: 16.22 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 2709556
Conc: 17.75 ug/ml



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

R.T.: 18.000 min

Delta R.T.: -0.003 min

Response: 2654385

Conc: 18.01 ug/ml

Instrument :

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