

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047694.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 09:16
 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: May 11 00:53:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.461	3605431	22.990 ug/ml
Spiked Amount 50.000		Recovery =	45.98%
6) S 2-Fluorobiphenyl (SURR)	8.315	2403779	22.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.96%
11) S ortho-Terphenyl (SURR)	11.355	4191241	22.349 ug/ml
Spiked Amount 50.000		Recovery =	44.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	3753278	23.214 ug/ml
2) T Naphthalene (C11.7)	5.799	3924541	23.194 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3956808	23.229 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3627667	22.244 ug/ml
7) T Acenaphthene (C15.5)	8.413	3886505	23.121 ug/ml
8) T Flouorene (C16.55)	9.193	3765137	22.635 ug/ml
9) T Phenanthrene (C19.36)	10.583	3666406	22.395 ug/ml
10) T Anthracene (C19.43)	10.657	2990874	19.968 ug/ml
12) T Fluoranthene (C21.85)	12.389	3642372	21.951 ug/ml
13) T Pyrene (C20.8)	12.683	3530162	21.696 ug/ml
14) T Benzo[a]anthracene (C...	14.553	3116985	21.353 ug/ml
15) T Chrysene (C27.41)	14.595	3382583	21.465 ug/ml
16) T benzo[b]fluoranthene ...	16.100	3199759	21.423 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	3221709	21.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	3082973	21.366 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2843995	20.955 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	3067468	21.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	3027615	22.052 ug/ml

(f)=RT Delta > 1/2 Window

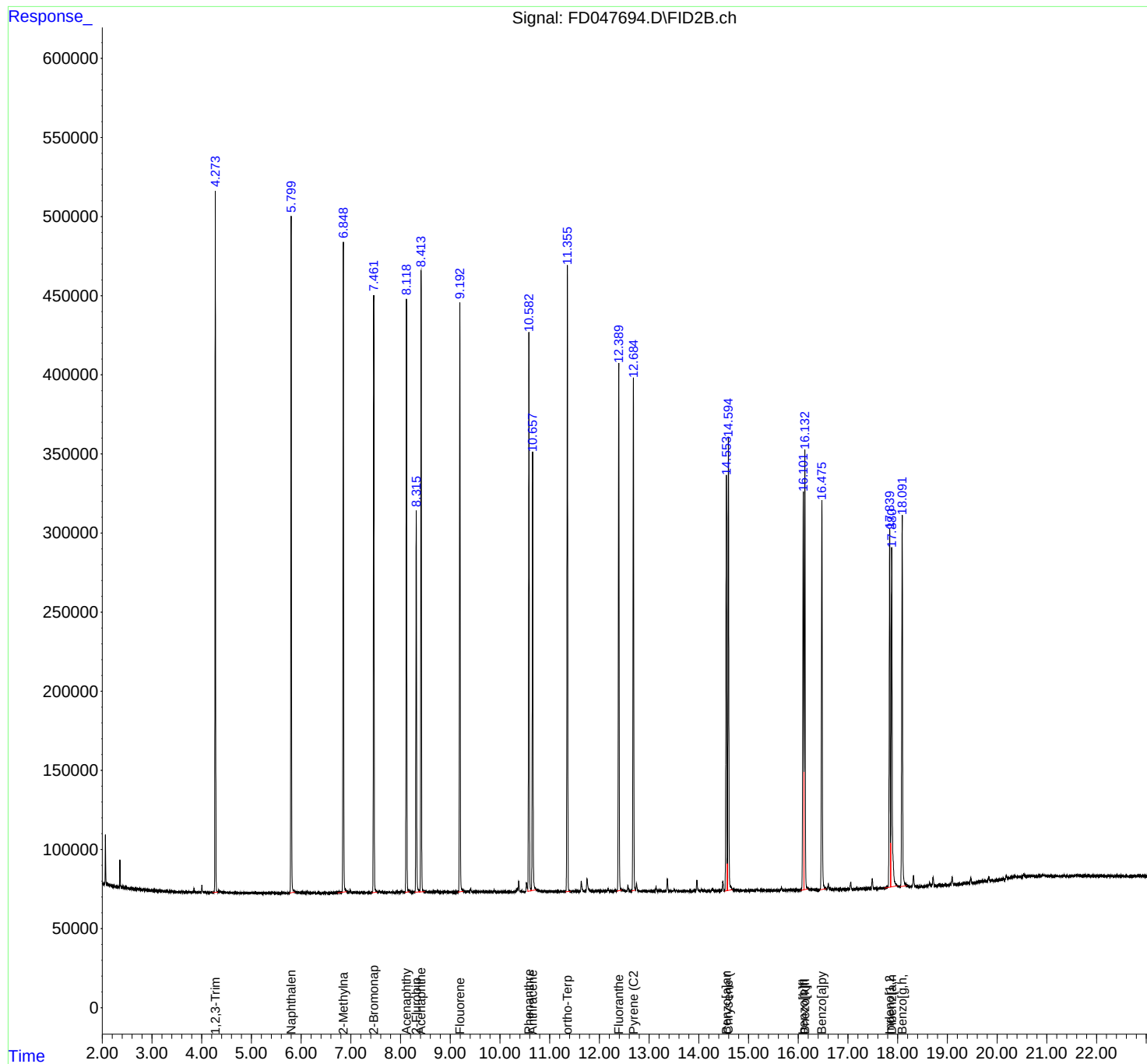
(m)=manual int.

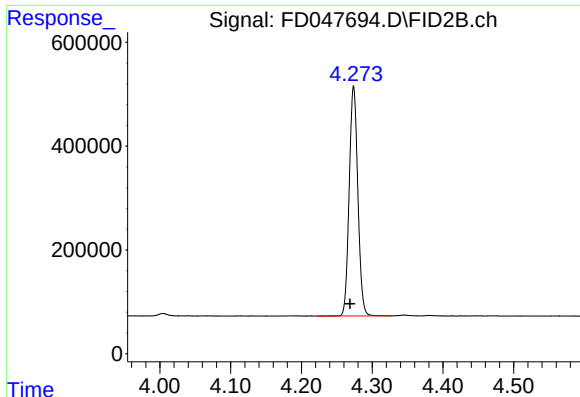
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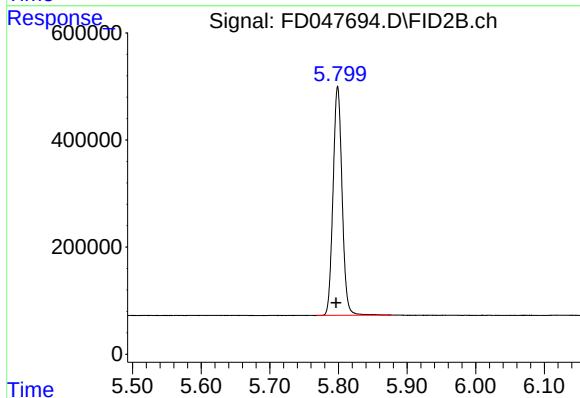




#1 1,2,3-Trimethylbenzene (C10.1)

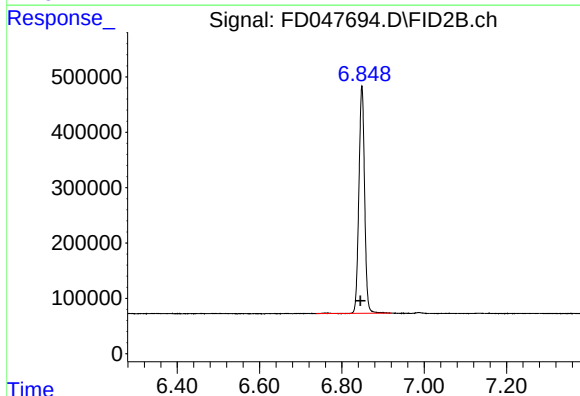
R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 3753278
Conc: 23.21 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



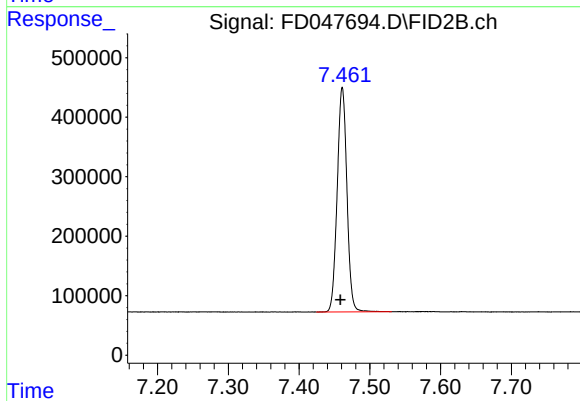
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 3924541
Conc: 23.19 ug/ml



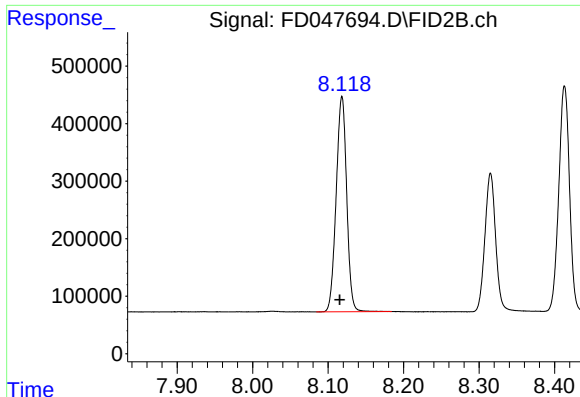
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.003 min
Response: 3956808
Conc: 23.23 ug/ml



#4 2-Bromonaphthalene (SURR)

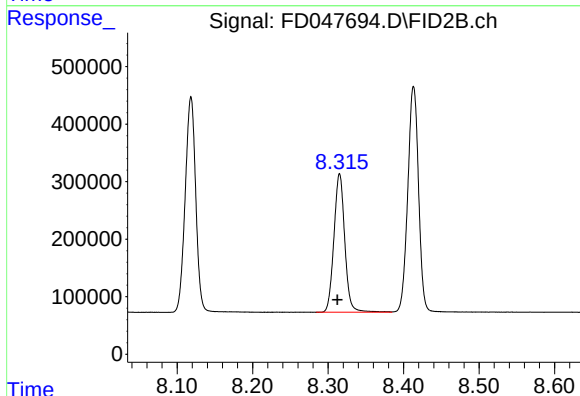
R.T.: 7.461 min
Delta R.T.: 0.003 min
Response: 3605431
Conc: 22.99 ug/ml



#5 Acenaphthylene (C15.06)

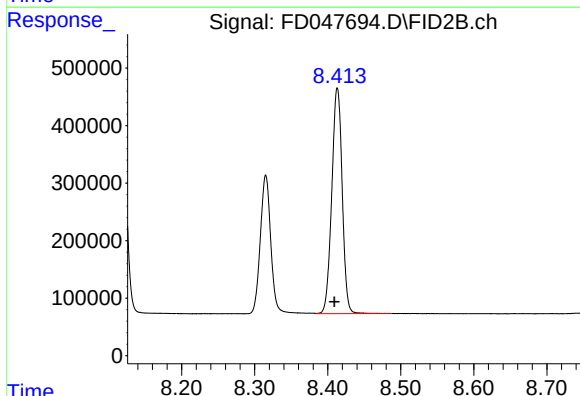
R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 3627667
Conc: 22.24 ug/ml

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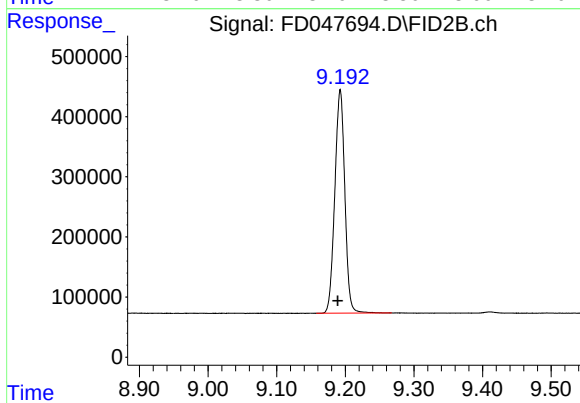
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 2403779
Conc: 22.98 ug/ml



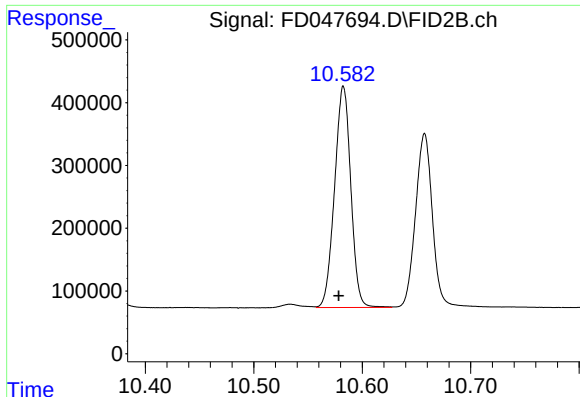
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.004 min
Response: 3886505
Conc: 23.12 ug/ml



#8 Flouorene (C16.55)

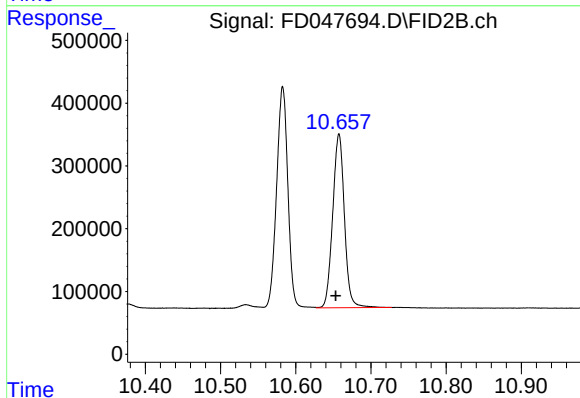
R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 3765137
Conc: 22.63 ug/ml



#9 Phenanthrene (C19.36)

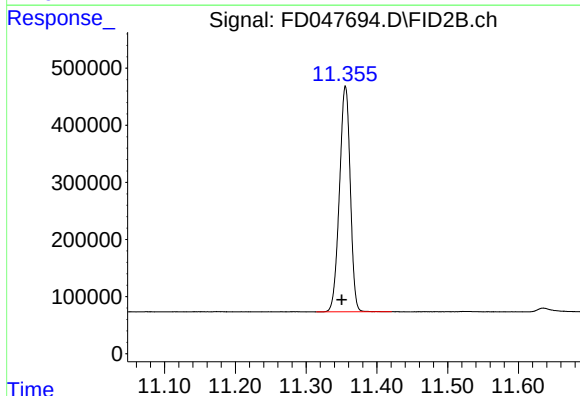
R.T.: 10.583 min
Delta R.T.: 0.004 min
Response: 3666406
Conc: 22.39 ug/ml

Instrument :
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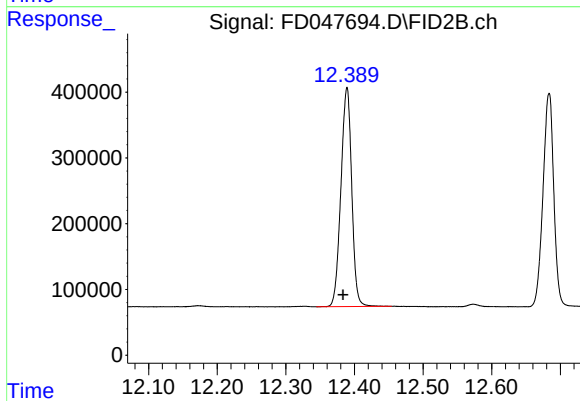
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.004 min
Response: 2990874
Conc: 19.97 ug/ml



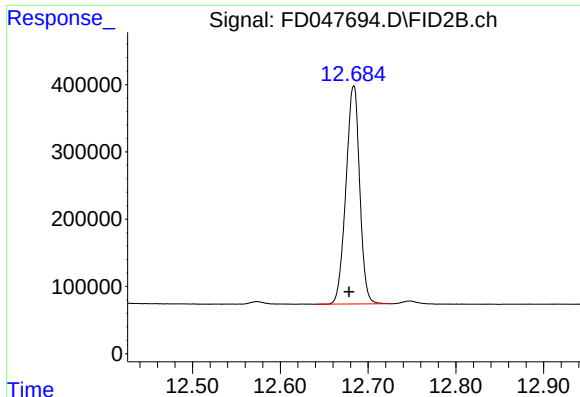
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.005 min
Response: 4191241
Conc: 22.35 ug/ml



#12 Fluoranthene (C21.85)

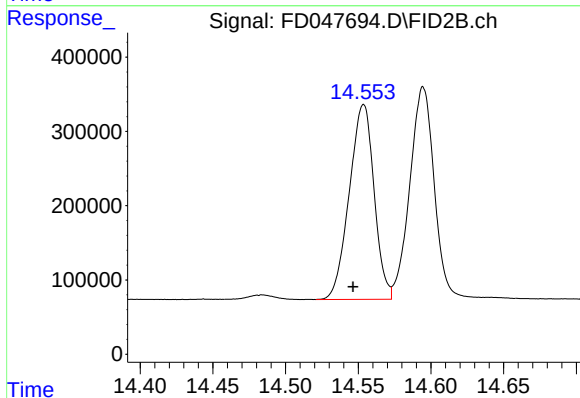
R.T.: 12.389 min
Delta R.T.: 0.005 min
Response: 3642372
Conc: 21.95 ug/ml



#13 Pyrene (C20.8)

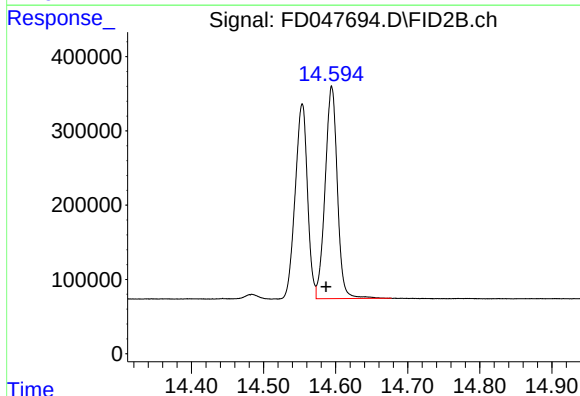
R.T.: 12.683 min
Delta R.T.: 0.005 min
Response: 3530162
Conc: 21.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



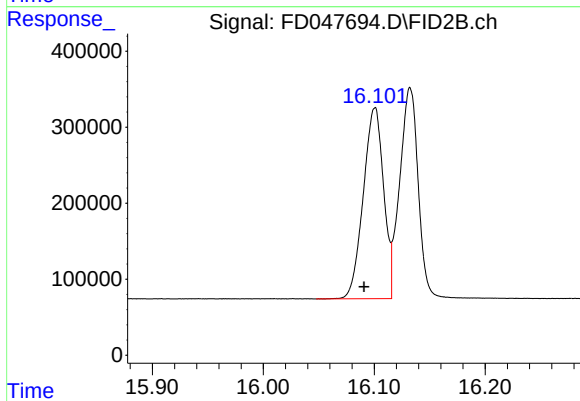
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.007 min
Response: 3116985
Conc: 21.35 ug/ml



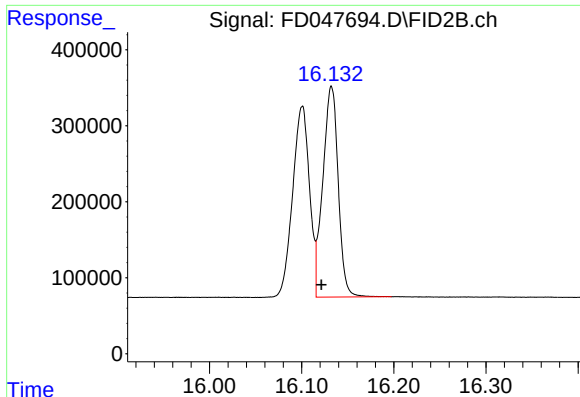
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.008 min
Response: 3382583
Conc: 21.47 ug/ml



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

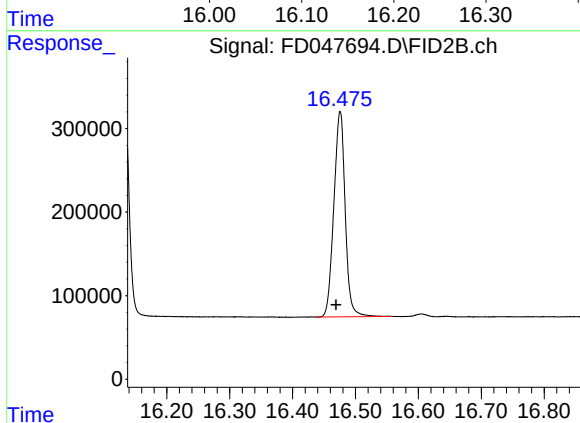
R.T.: 16.100 min
Delta R.T.: 0.009 min
Response: 3199759
Conc: 21.42 ug/ml



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

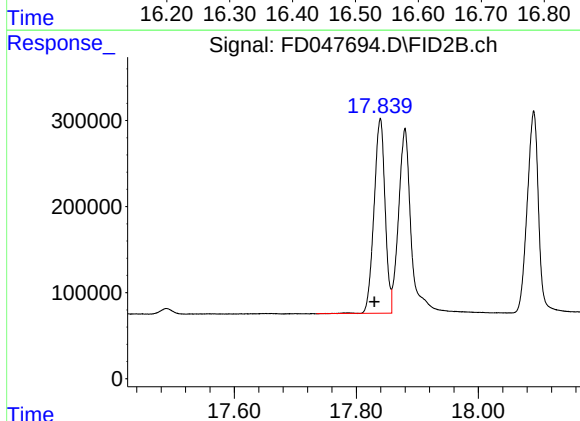
R.T.: 16.132 min
Delta R.T.: 0.011 min
Response: 3221709
Conc: 21.40 ug/ml

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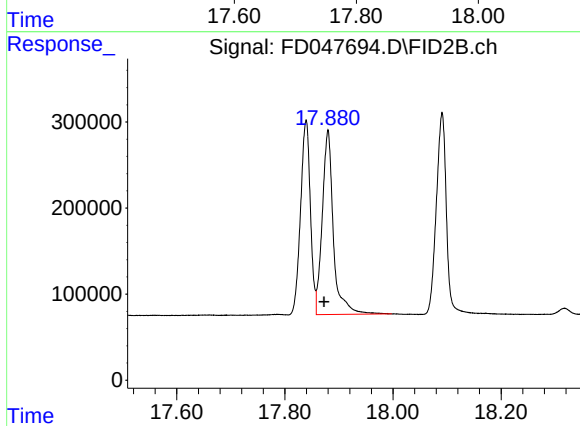
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.006 min
Response: 3082973
Conc: 21.37 ug/ml



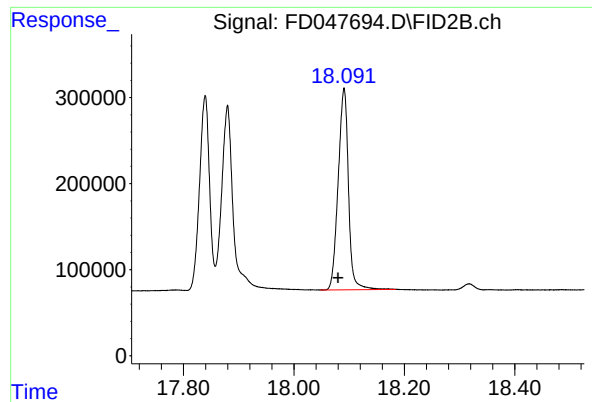
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.009 min
Response: 2843995
Conc: 20.96 ug/ml



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

R.T.: 17.880 min
Delta R.T.: 0.007 min
Response: 3067468
Conc: 21.42 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.011 min
Response: 3027615
Conc: 22.05 ug/ml

Instrument :

FID_D

ClientSampleId :

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