

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
 Data File : FD047682.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 13:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 10 06:44:29 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...	7.460	3345513	21.332 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
6) S 2-Fluorobiphenyl (SURR)	8.314	2238915	21.404 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.81%
11) S ortho-Terphenyl (SURR)	11.354	3896304	20.777 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3495129	21.618 ug/ml
2) T Naphthalene (C11.7)	5.799	3635778	21.487 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3680495	21.607 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3353148	20.561 ug/ml
7) T Acenaphthene (C15.5)	8.412	3607003	21.458 ug/ml
8) T Flouorene (C16.55)	9.191	3500832	21.046 ug/ml
9) T Phenanthrene (C19.36)	10.581	3424590	20.918 ug/ml
10) T Anthracene (C19.43)	10.656	2561711	17.103 ug/ml
12) T Fluoranthene (C21.85)	12.387	3423948	20.634 ug/ml
13) T Pyrene (C20.8)	12.682	3319111	20.399 ug/ml
14) T Benzo[a]anthracene (C...	14.551	2917811	19.989 ug/ml
15) T Chrysene (C27.41)	14.593	3178184	20.168 ug/ml
16) T benzo[b]fluoranthene ...	16.099	3037273	20.336 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	3032747	20.144 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	2944633	20.407 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	2710379	19.970 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	2876912	20.094 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	2872317	20.920 ug/ml

(f)=RT Delta > 1/2 Window

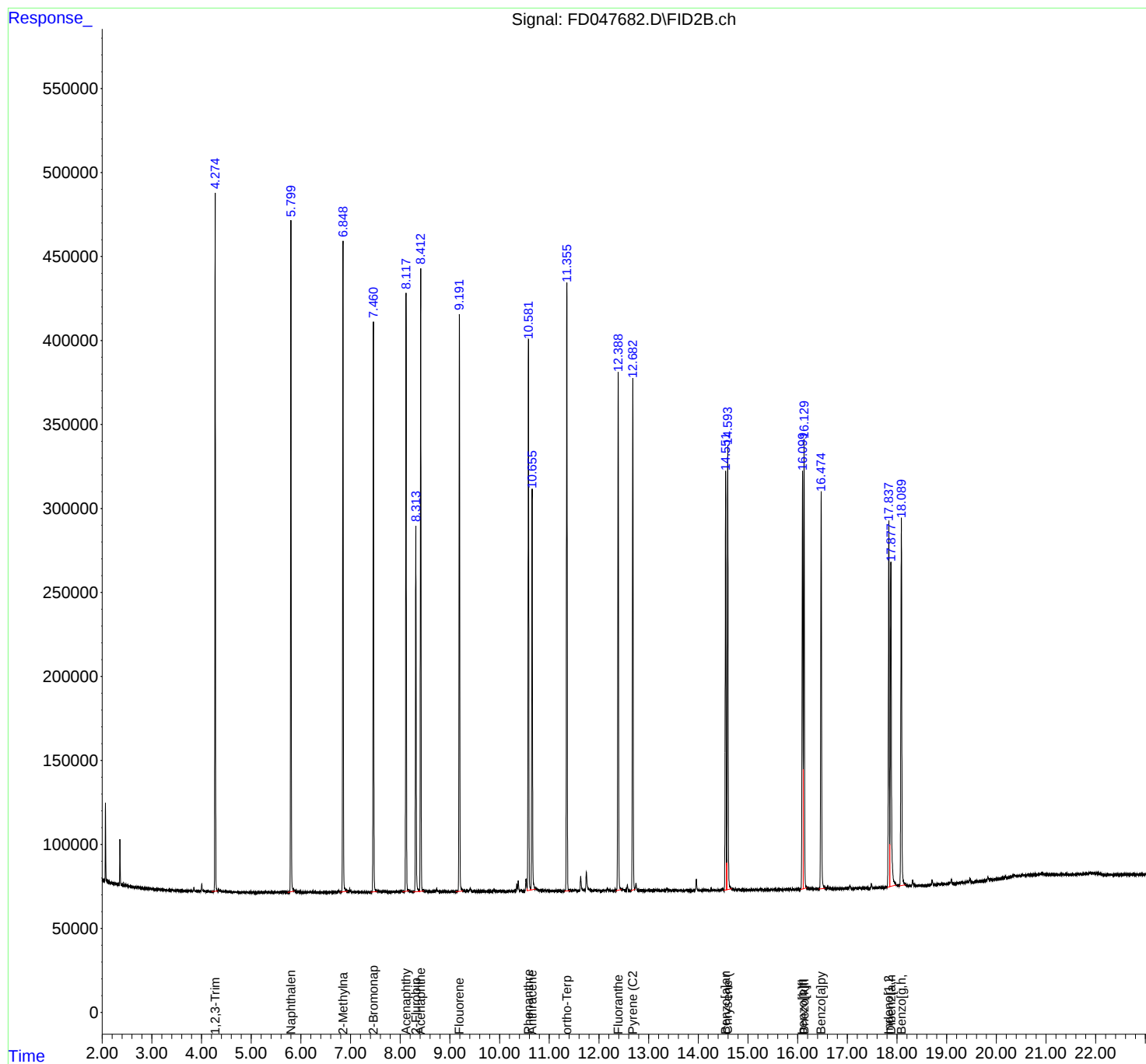
(m)=manual int.

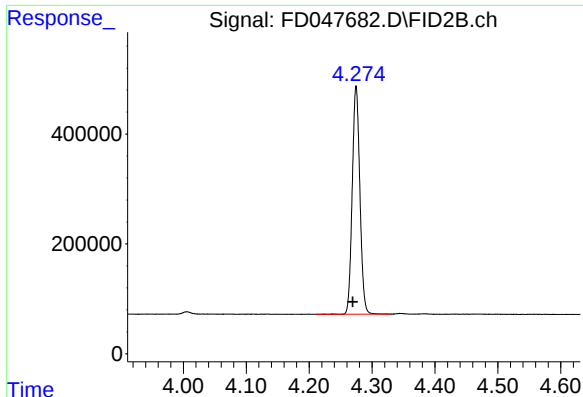
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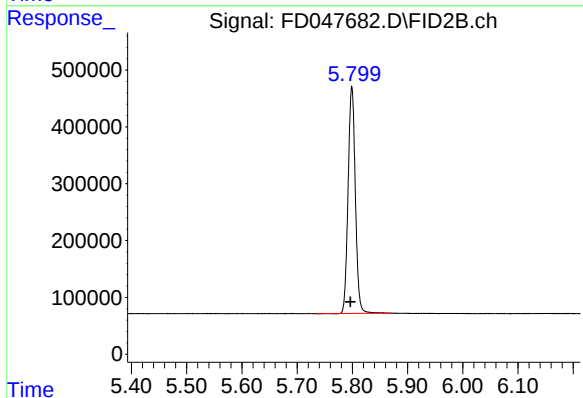




#1 1,2,3-Trimethylbenzene (C10.1)

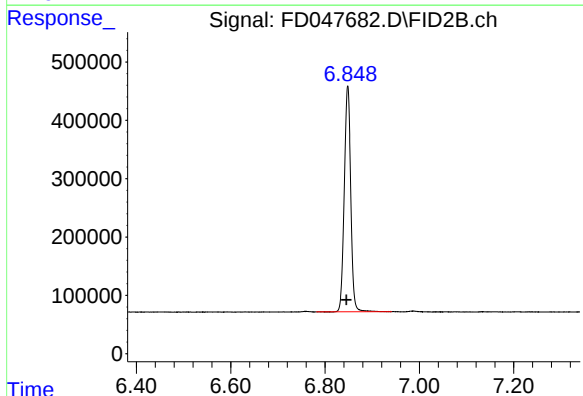
R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 3495129
Conc: 21.62 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



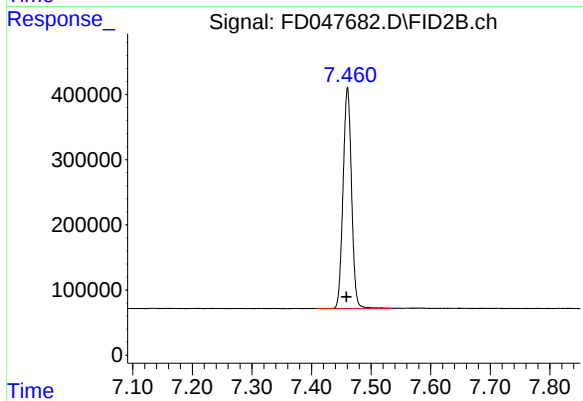
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 3635778
Conc: 21.49 ug/ml



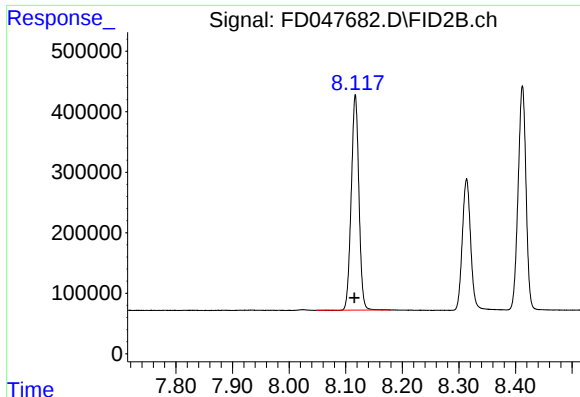
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 3680495
Conc: 21.61 ug/ml



#4 2-Bromonaphthalene (SURR)

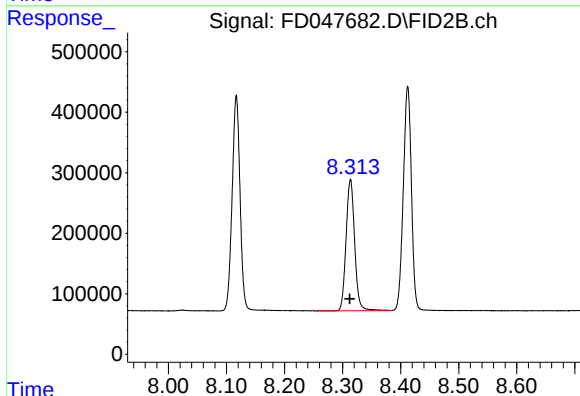
R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 3345513
Conc: 21.33 ug/ml



#5 Acenaphthylene (C15.06)

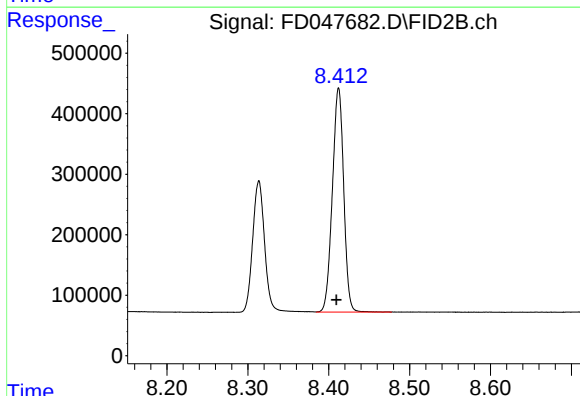
R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 3353148
Conc: 20.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



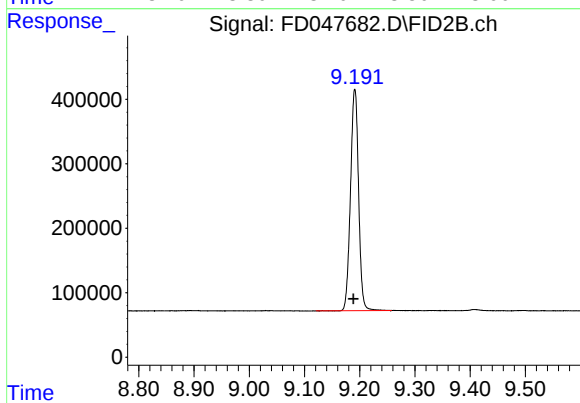
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.001 min
Response: 2238915
Conc: 21.40 ug/ml



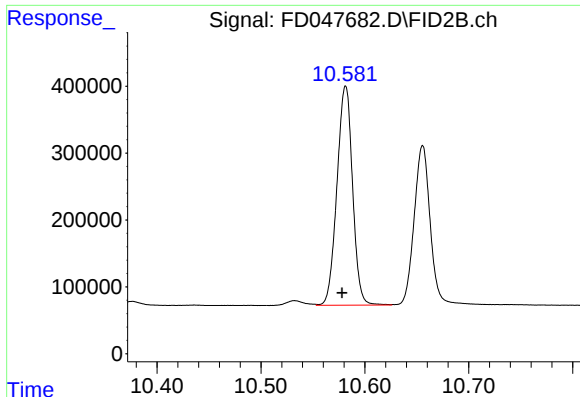
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 3607003
Conc: 21.46 ug/ml



#8 Flouorene (C16.55)

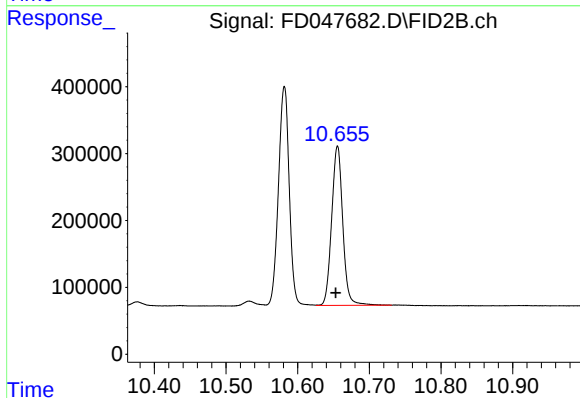
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3500832
Conc: 21.05 ug/ml



#9 Phenanthrene (C19.36)

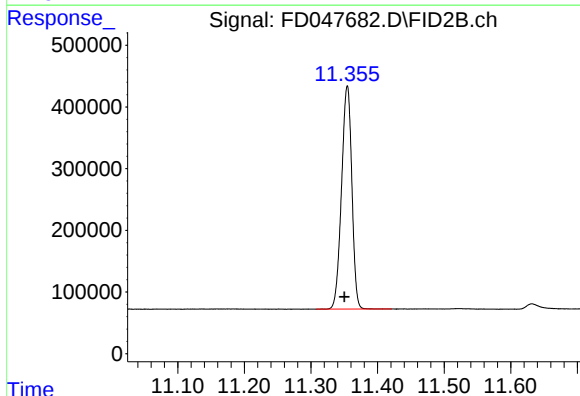
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 3424590
Conc: 20.92 ug/ml

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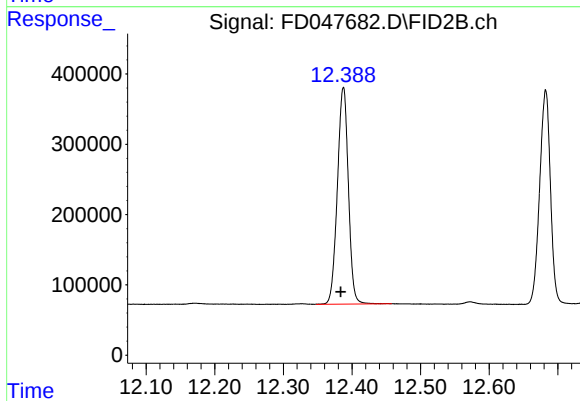
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 2561711
Conc: 17.10 ug/ml



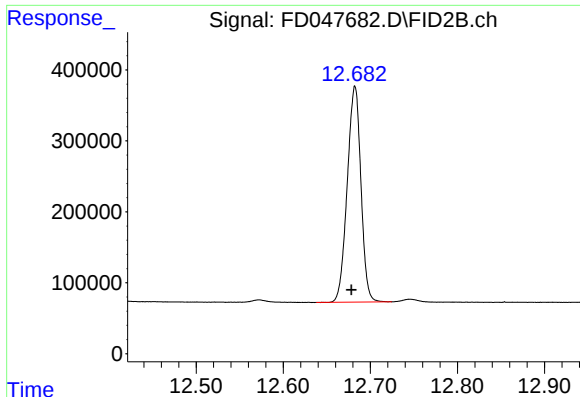
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.004 min
Response: 3896304
Conc: 20.78 ug/ml



#12 Fluoranthene (C21.85)

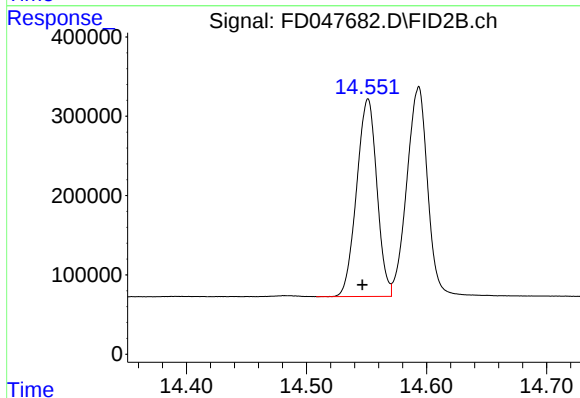
R.T.: 12.387 min
Delta R.T.: 0.004 min
Response: 3423948
Conc: 20.63 ug/ml



#13 Pyrene (C20.8)

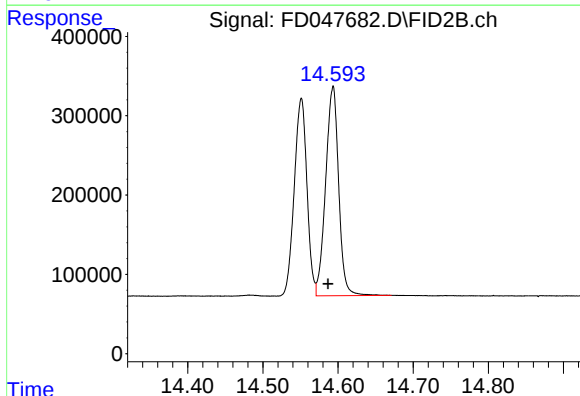
R.T.: 12.682 min
Delta R.T.: 0.004 min
Response: 3319111
Conc: 20.40 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



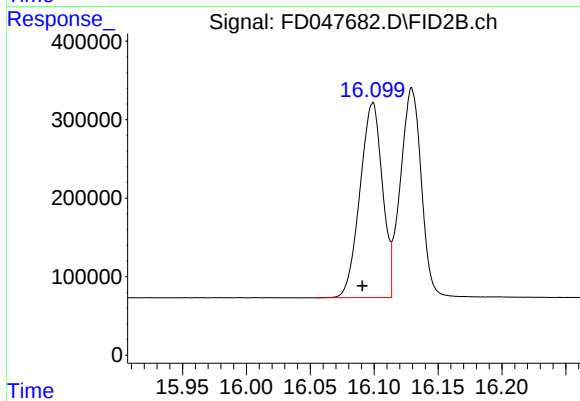
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.004 min
Response: 2917811
Conc: 19.99 ug/ml



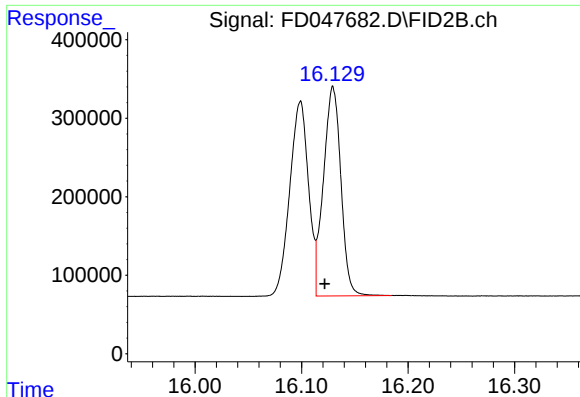
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.006 min
Response: 3178184
Conc: 20.17 ug/ml



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

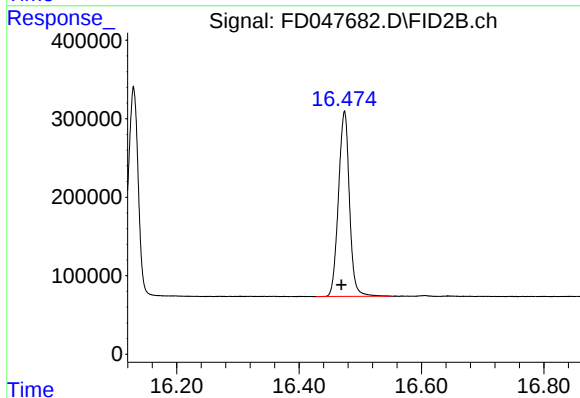
R.T.: 16.099 min
Delta R.T.: 0.008 min
Response: 3037273
Conc: 20.34 ug/ml



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

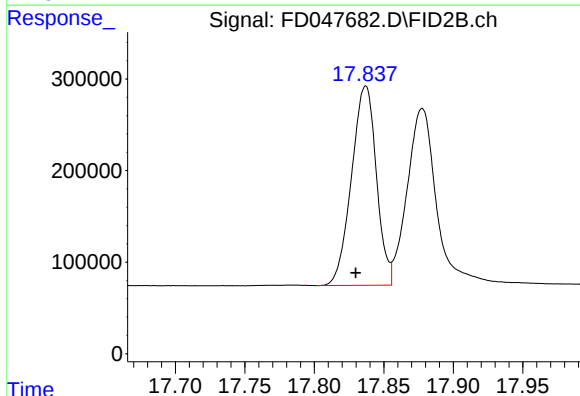
R.T.: 16.129 min
Delta R.T.: 0.008 min
Response: 3032747
Conc: 20.14 ug/ml

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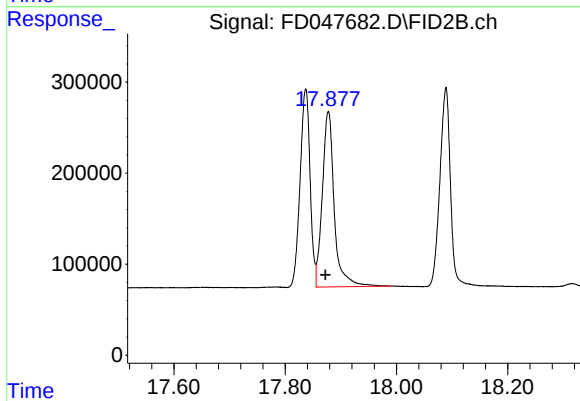
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.005 min
Response: 2944633
Conc: 20.41 ug/ml



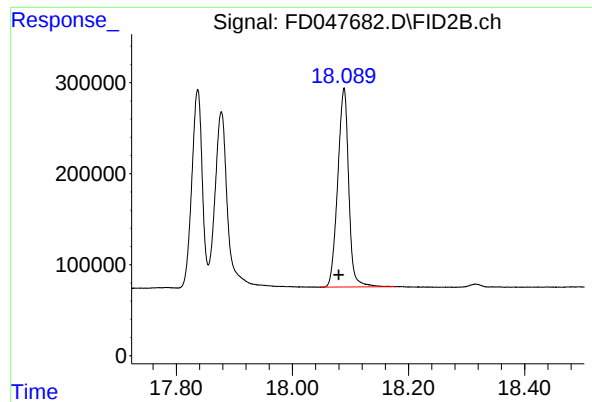
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.007 min
Response: 2710379
Conc: 19.97 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.005 min
Response: 2876912
Conc: 20.09 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.009 min
Response: 2872317
Conc: 20.92 ug/ml

Instrument :

FID_D

ClientSampleId :

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