

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AR\
 Data File : FD043827.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 07:10
 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 08 07:37:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 10:52:36 2022
 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...	7.438	3668328	21.231 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
6) S 2-Fluorobiphenyl (SURR)	8.293	2246042	22.328 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.66%
11) S ortho-Terphenyl (SURR)	11.323	4358497	20.833 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.249	4139213	20.785 ug/ml
2) T Naphthalene (C11.7)	5.780	3999680	19.899 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	3717759	20.597 ug/ml
5) T Acenaphthylene (C15.06)	8.094	4212461	21.074 ug/ml
7) T Acenaphthene (C15.5)	8.386	4403413	20.485 ug/ml
8) T Flouorene (C16.55)	9.166	4023549	20.987 ug/ml
9) T Phenanthrene (C19.36)	10.558	3896799	21.670 ug/ml
10) T Anthracene (C19.43)	10.634	3814035	19.609 ug/ml
12) T Fluoranthene (C21.85)	12.362	3863732	21.187 ug/ml
13) T Pyrene (C20.8)	12.656	3919403	20.997 ug/ml
14) T Benzo[a]anthracene (C...	14.525	3213103	22.457 ug/ml
15) T Chrysene (C27.41)	14.566	3695236	19.145 ug/ml
16) T benzo[b]fluoranthene ...	16.069	3172925	21.988 ug/ml
17) T Bnezo[k]fluoranthene ...	16.100	3233615	18.801 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.447	2916471	20.085 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	2419441	23.395 ug/ml
20) T Dibenz[a,h]anthracene...	17.845	3163088	22.477 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	2934376	23.050 ug/ml

(f)=RT Delta > 1/2 Window

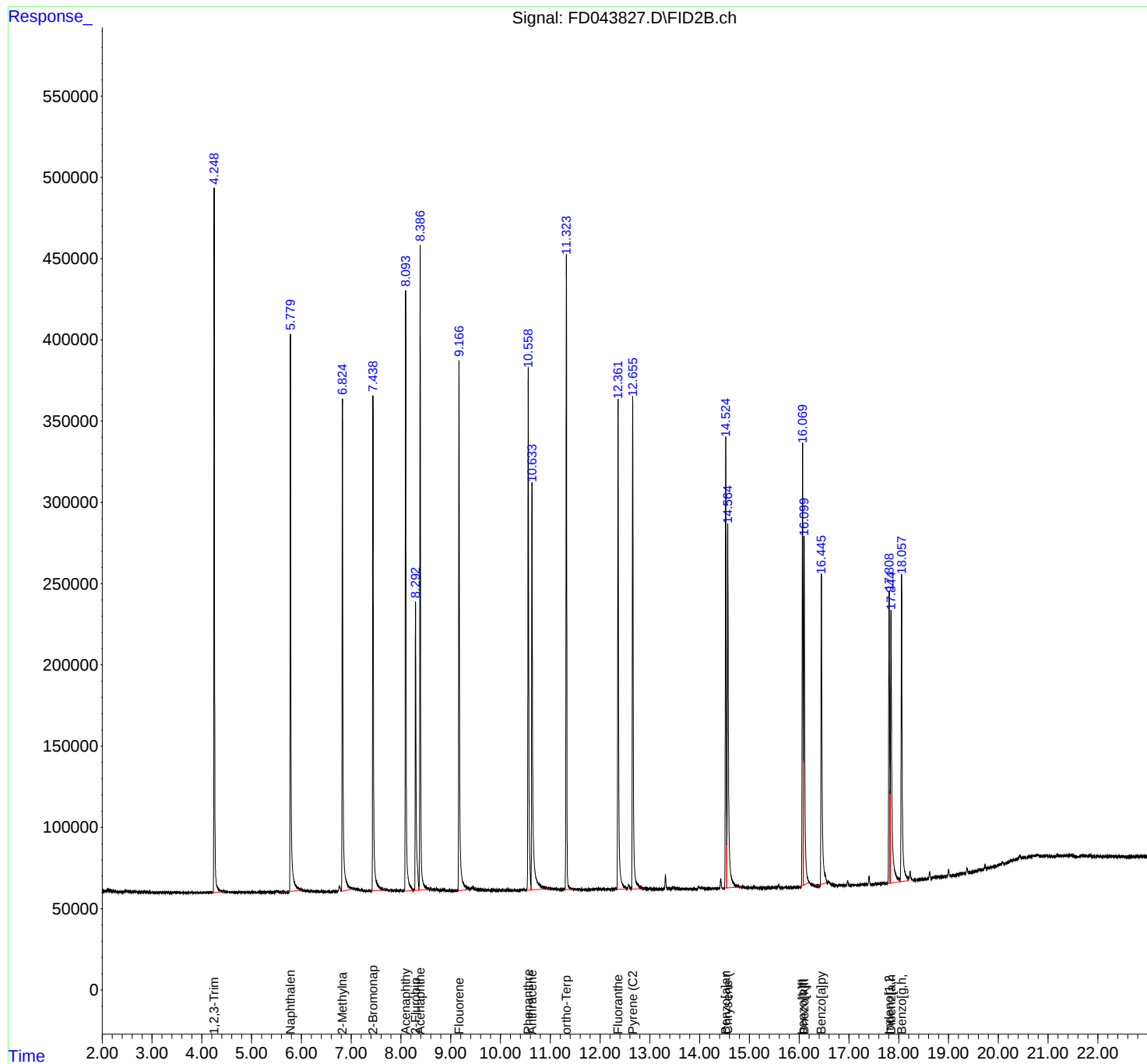
(m)=manual int.

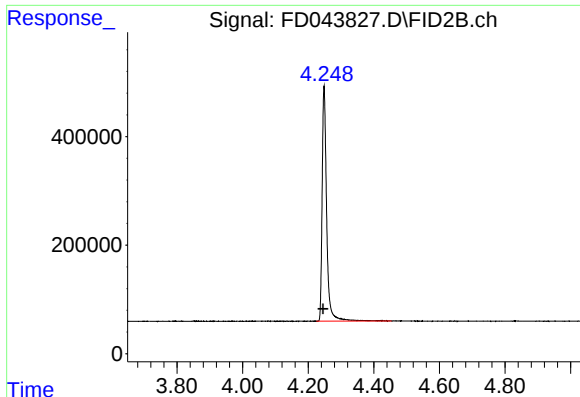
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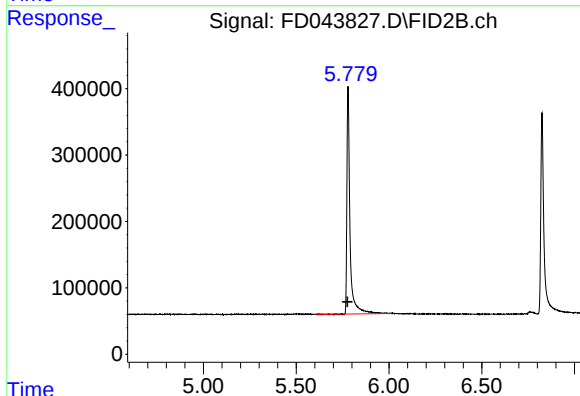




#1 1,2,3-Trimethylbenzene (C10.1)

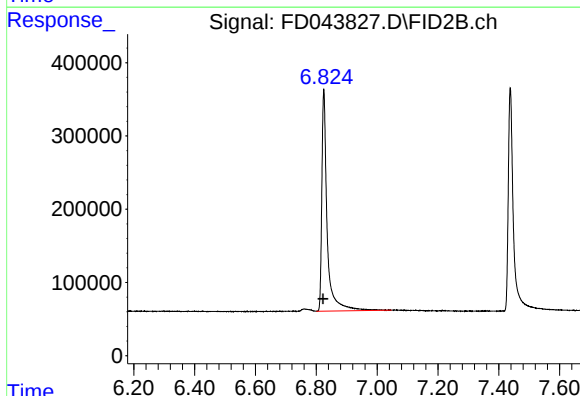
R.T.: 4.249 min
Delta R.T.: 0.004 min
Response: 4139213
Conc: 20.78 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



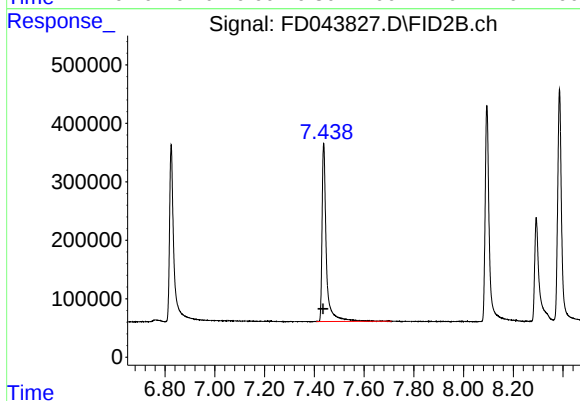
#2 Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 3999680
Conc: 19.90 ug/ml



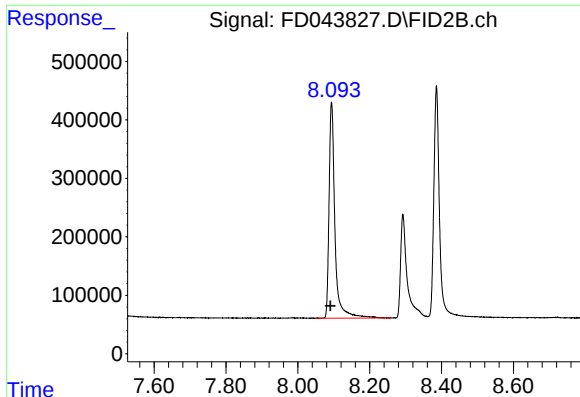
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 3717759
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

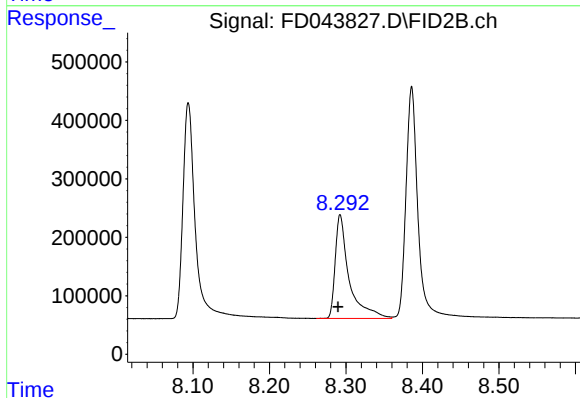
R.T.: 7.438 min
Delta R.T.: 0.003 min
Response: 3668328
Conc: 21.23 ug/ml



#5 Acenaphthylene (C15.06)

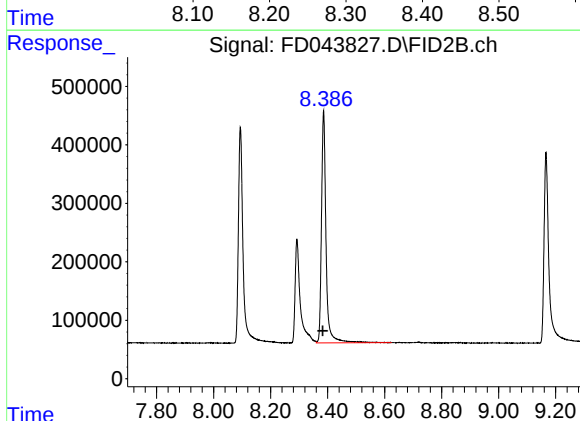
R.T.: 8.094 min
Delta R.T.: 0.003 min
Response: 4212461
Conc: 21.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



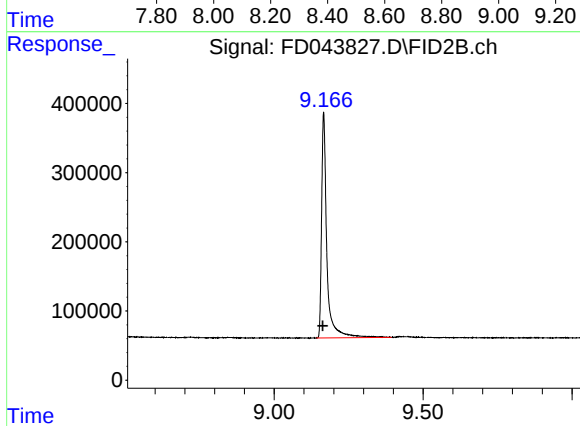
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.293 min
Delta R.T.: 0.003 min
Response: 2246042
Conc: 22.33 ug/ml



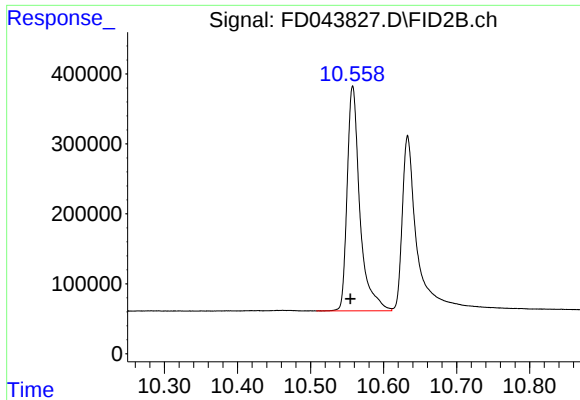
#7 Acenaphthene (C15.5)

R.T.: 8.386 min
Delta R.T.: 0.003 min
Response: 4403413
Conc: 20.48 ug/ml



#8 Fluorene (C16.55)

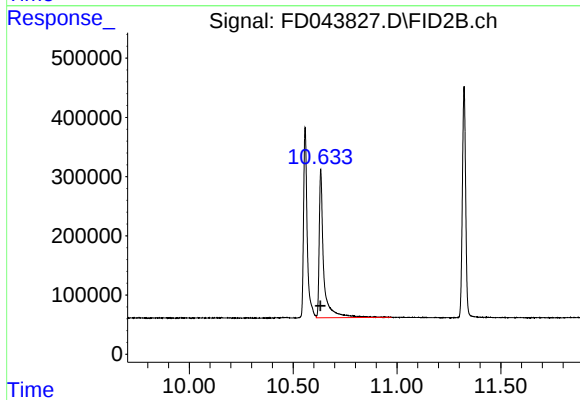
R.T.: 9.166 min
Delta R.T.: 0.003 min
Response: 4023549
Conc: 20.99 ug/ml



#9 Phenanthrene (C19.36)

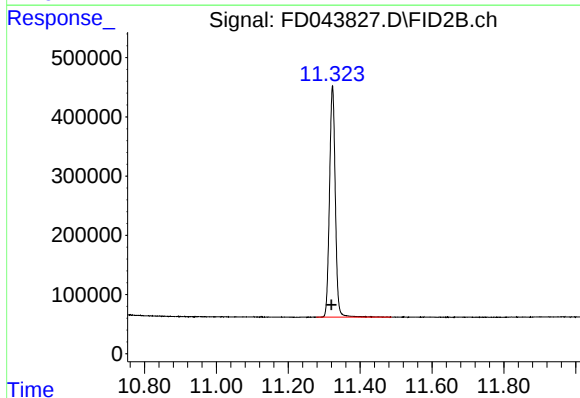
R.T.: 10.558 min
Delta R.T.: 0.004 min
Response: 3896799
Conc: 21.67 ug/ml

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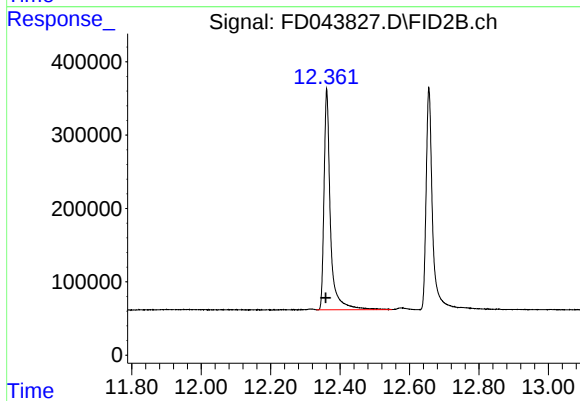
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: 0.003 min
Response: 3814035
Conc: 19.61 ug/ml



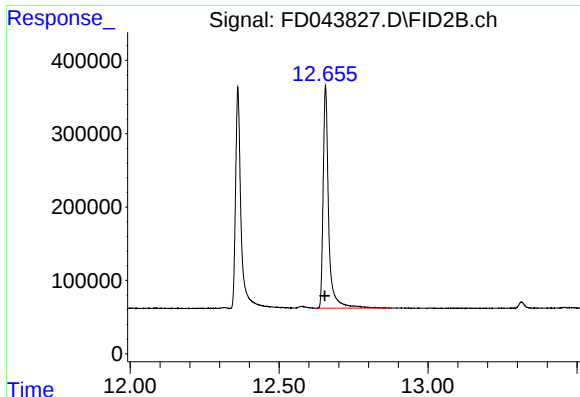
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: 0.003 min
Response: 4358497
Conc: 20.83 ug/ml



#12 Fluoranthene (C21.85)

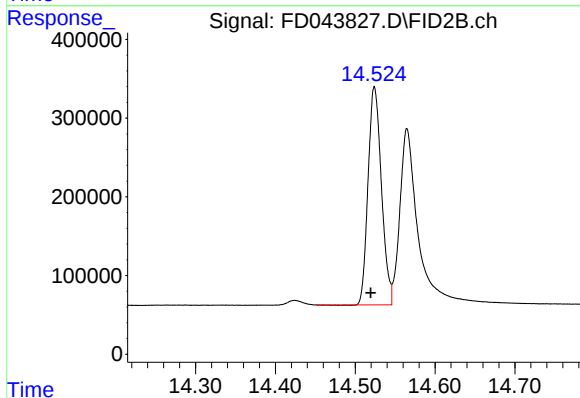
R.T.: 12.362 min
Delta R.T.: 0.003 min
Response: 3863732
Conc: 21.19 ug/ml



#13 Pyrene (C20.8)

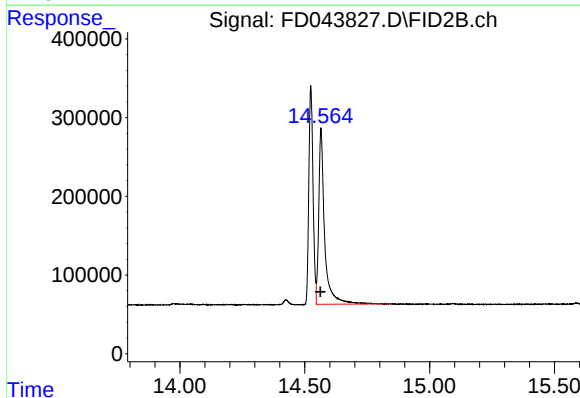
R.T.: 12.656 min
Delta R.T.: 0.003 min
Response: 3919403
Conc: 21.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



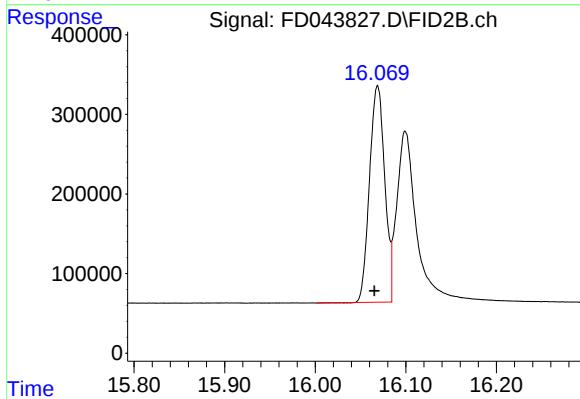
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: 0.005 min
Response: 3213103
Conc: 22.46 ug/ml



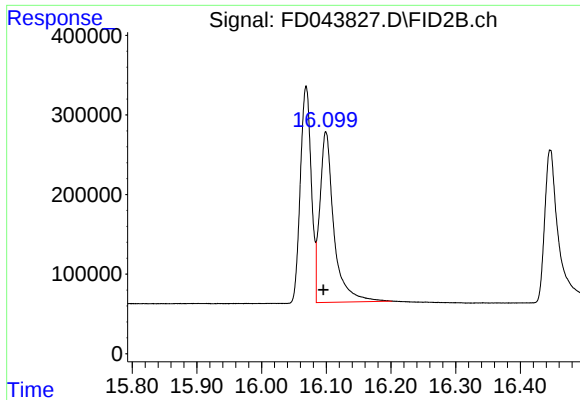
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: 0.003 min
Response: 3695236
Conc: 19.15 ug/ml



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

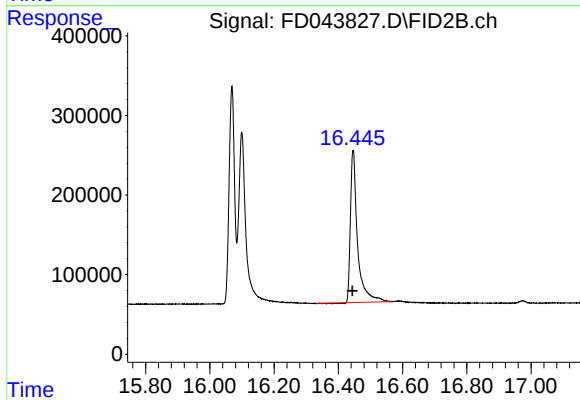
R.T.: 16.069 min
Delta R.T.: 0.003 min
Response: 3172925
Conc: 21.99 ug/ml



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

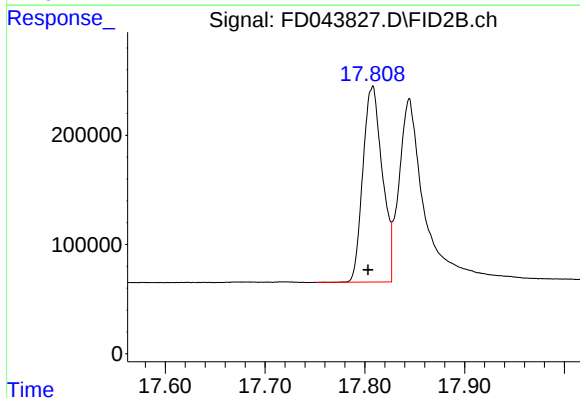
R.T.: 16.100 min
Delta R.T.: 0.004 min
Response: 3233615
Conc: 18.80 ug/ml

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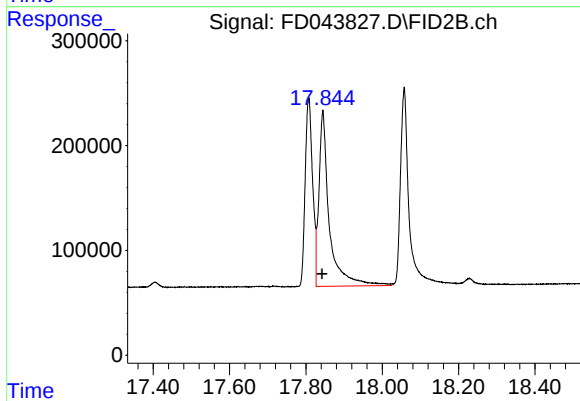
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.447 min
Delta R.T.: 0.003 min
Response: 2916471
Conc: 20.09 ug/ml



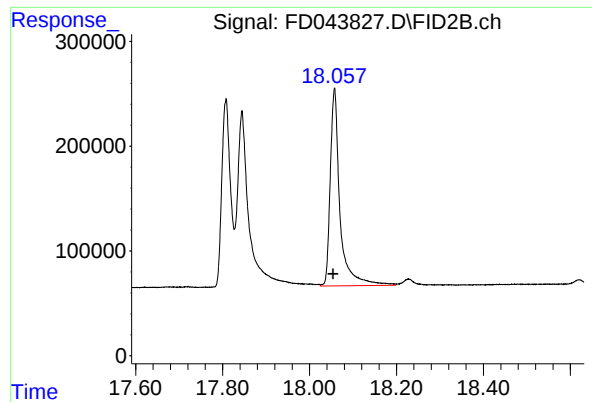
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: 0.005 min
Response: 2419441
Conc: 23.39 ug/ml



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

R.T.: 17.845 min
Delta R.T.: 0.002 min
Response: 3163088
Conc: 22.48 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.003 min
Response: 2934376
Conc: 23.05 ug/ml

Instrument :

FID_D

ClientSampleId :

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