

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046109.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jul 2023 10:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 12 16:24:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.511	4263650	19.785 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
6) S 2-Fluorobiphenyl (SURR)	8.365	2698553	19.498 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.00%
11) S ortho-Terphenyl (SURR)	11.403	4903625	19.342 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.322	5098052	20.465 ug/ml
2) T Naphthalene (C11.7)	5.850	5127400	20.098 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	5008242	19.867 ug/ml
5) T Acenaphthylene (C15.06)	8.169	4315115	19.867 ug/ml
7) T Acenaphthene (C15.5)	8.464	4622709	19.611 ug/ml
8) T Flouorene (C16.55)	9.242	4371711	19.322 ug/ml
9) T Phenanthrene (C19.36)	10.631	4088674	19.162 ug/ml
10) T Anthracene (C19.43)	10.705	3562952	22.423 ug/ml
12) T Fluoranthene (C21.85)	12.435	3874010	18.930 ug/ml
13) T Pyrene (C20.8)	12.729	3803189	19.560 ug/ml
14) T Benzo[a]anthracene (C...	14.594	3595805	19.994 ug/ml
15) T Chrysene (C27.41)	14.636	3770951	19.213 ug/ml
16) T benzo[b]fluoranthene ...	16.136	3818595	20.360 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	3773651	19.077 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	3681346	21.129 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	3557110	19.113 ug/ml
20) T Dibenz[a,h]anthracene...	17.909	3571671	19.427 ug/ml
21) T Benzo[g,h,i]perylene ...	18.121	3705455	19.831 ug/ml

(f)=RT Delta > 1/2 Window

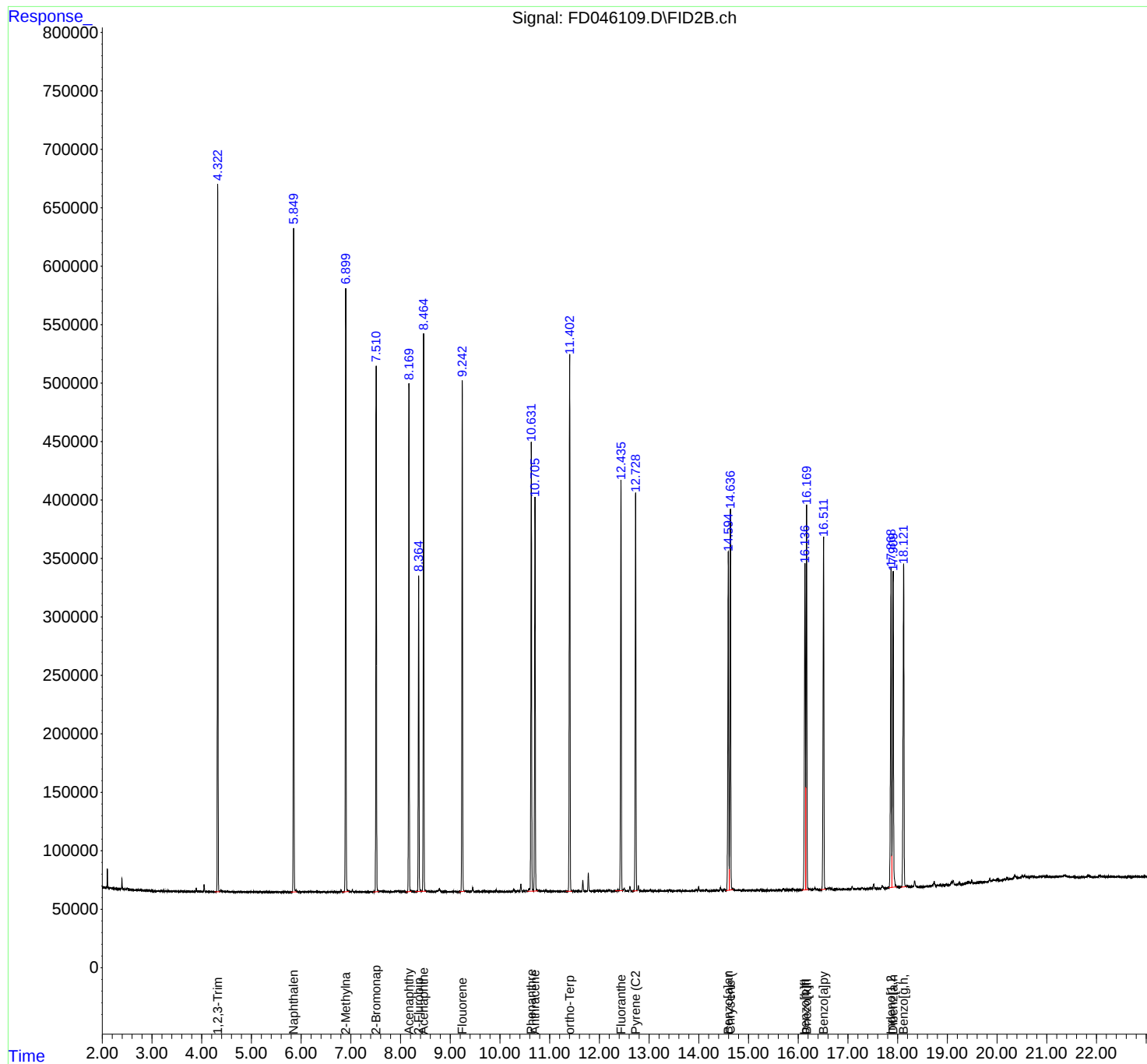
(m)=manual int.

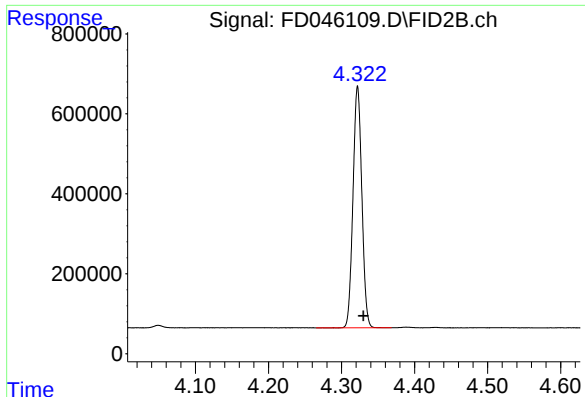
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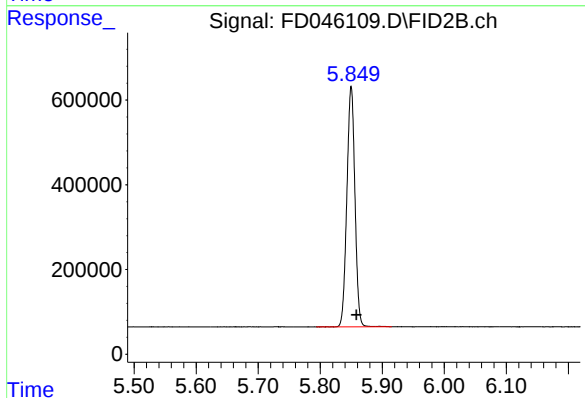




#1 1,2,3-Trimethylbenzene (C10.1)

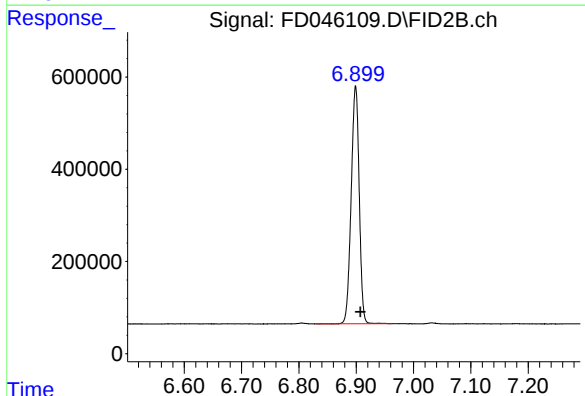
R.T.: 4.322 min
Delta R.T.: -0.008 min
Response: 5098052
Conc: 20.47 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



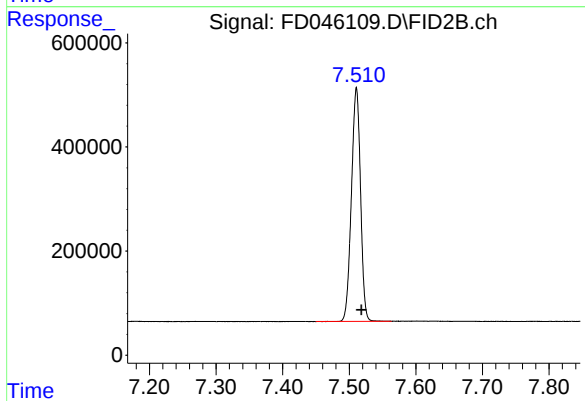
#2 Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: -0.008 min
Response: 5127400
Conc: 20.10 ug/ml



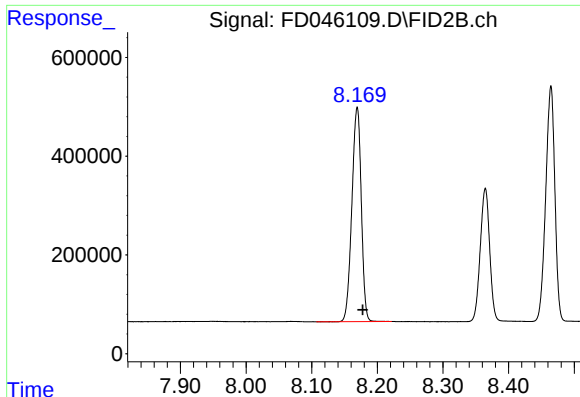
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: -0.008 min
Response: 5008242
Conc: 19.87 ug/ml



#4 2-Bromonaphthalene (SURR)

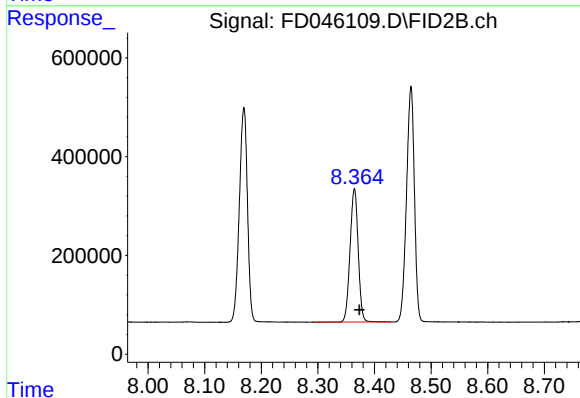
R.T.: 7.511 min
Delta R.T.: -0.008 min
Response: 4263650
Conc: 19.79 ug/ml



#5 Acenaphthylene (C15.06)

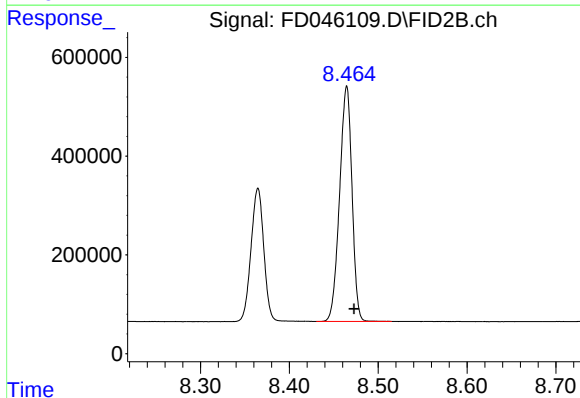
R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 4315115
Conc: 19.87 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



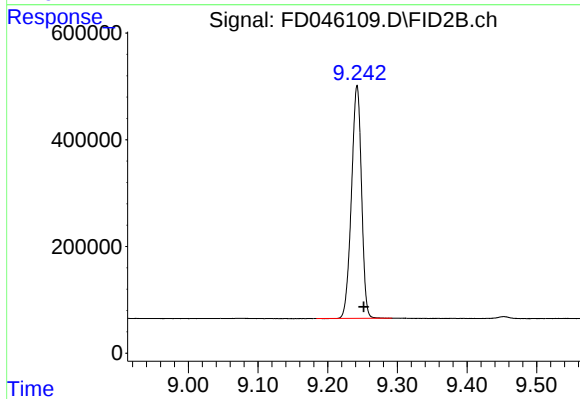
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.365 min
Delta R.T.: -0.009 min
Response: 2698553
Conc: 19.50 ug/ml



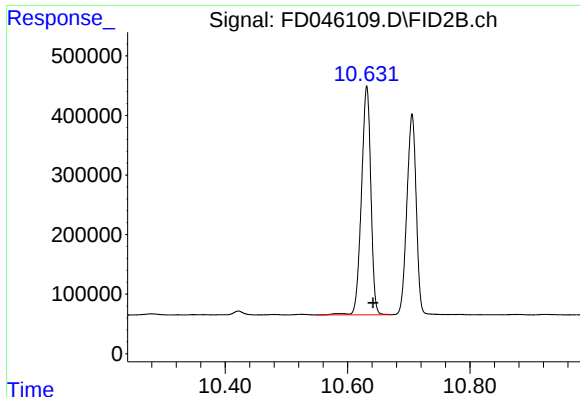
#7 Acenaphthene (C15.5)

R.T.: 8.464 min
Delta R.T.: -0.009 min
Response: 4622709
Conc: 19.61 ug/ml



#8 Fluorene (C16.55)

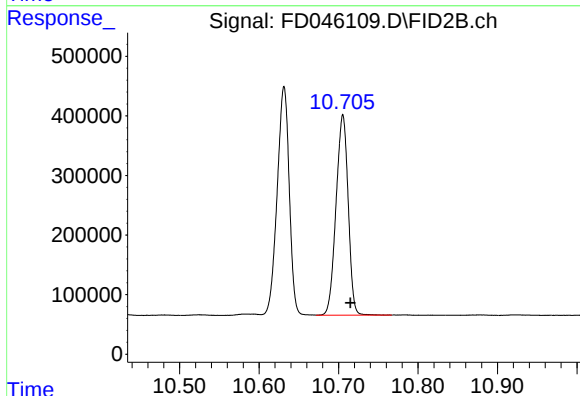
R.T.: 9.242 min
Delta R.T.: -0.010 min
Response: 4371711
Conc: 19.32 ug/ml



#9 Phenanthrene (C19.36)

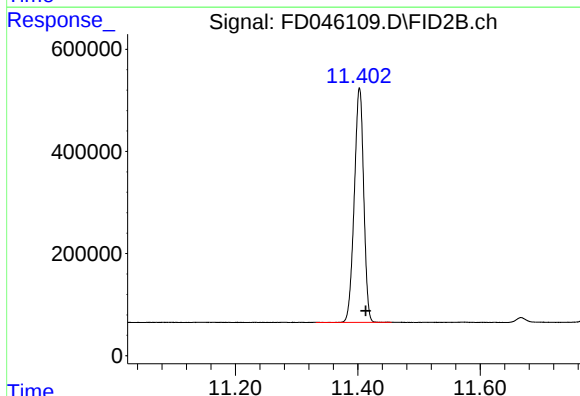
R.T.: 10.631 min
Delta R.T.: -0.010 min
Response: 4088674
Conc: 19.16 ug/ml

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20 PPM AROMATIC HC STD



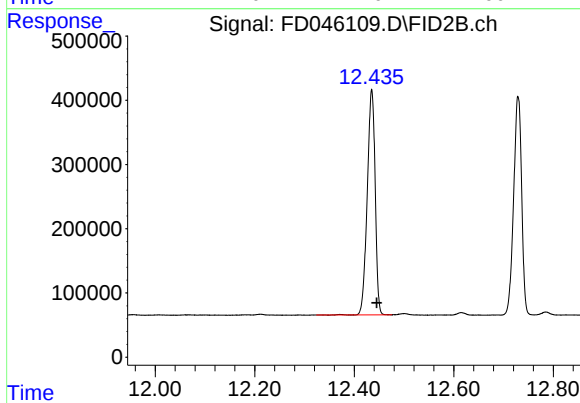
#10 Anthracene (C19.43)

R.T.: 10.705 min
Delta R.T.: -0.010 min
Response: 3562952
Conc: 22.42 ug/ml



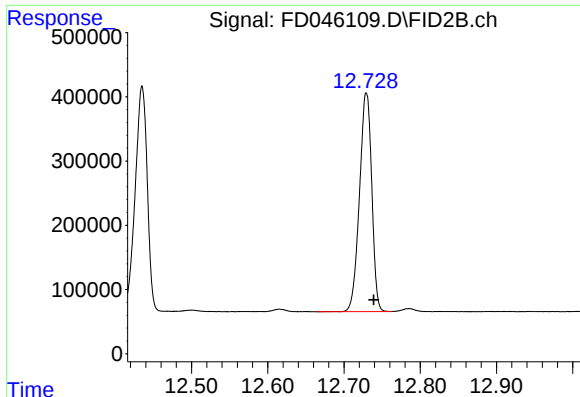
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: -0.010 min
Response: 4903625
Conc: 19.34 ug/ml



#12 Fluoranthene (C21.85)

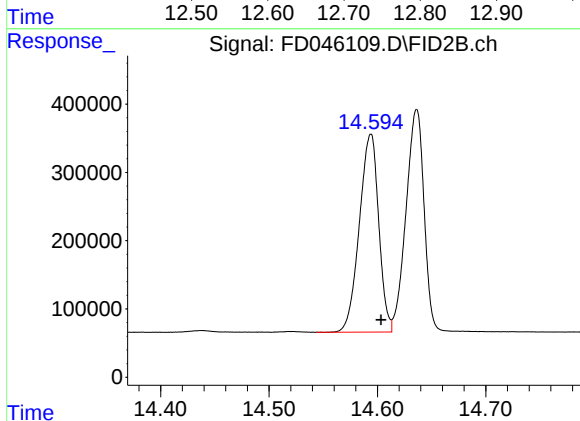
R.T.: 12.435 min
Delta R.T.: -0.010 min
Response: 3874010
Conc: 18.93 ug/ml



#13 Pyrene (C20.8)

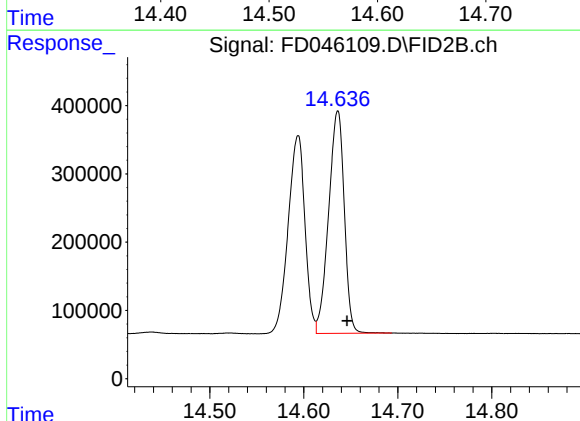
R.T.: 12.729 min
Delta R.T.: -0.010 min
Response: 3803189
Conc: 19.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



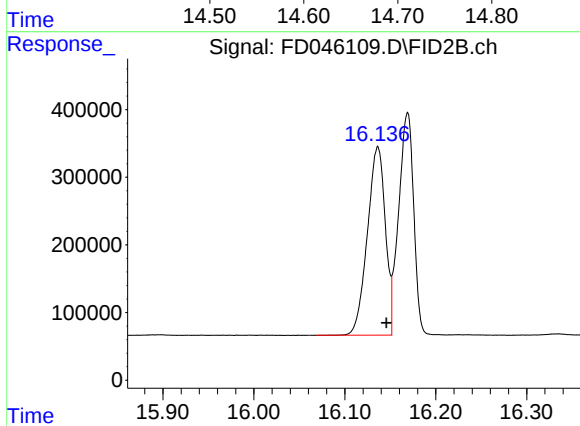
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: -0.010 min
Response: 3595805
Conc: 19.99 ug/ml



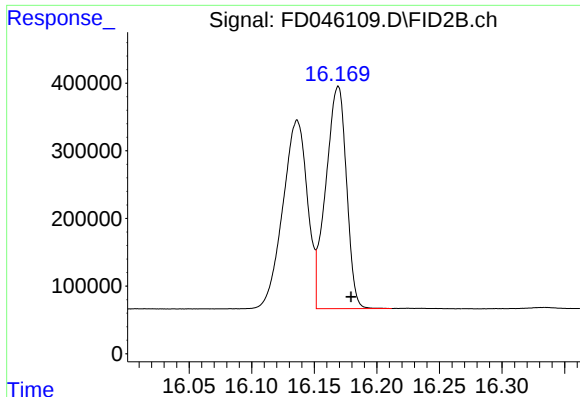
#15 Chrysene (C27.41)

R.T.: 14.636 min
Delta R.T.: -0.010 min
Response: 3770951
Conc: 19.21 ug/ml



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

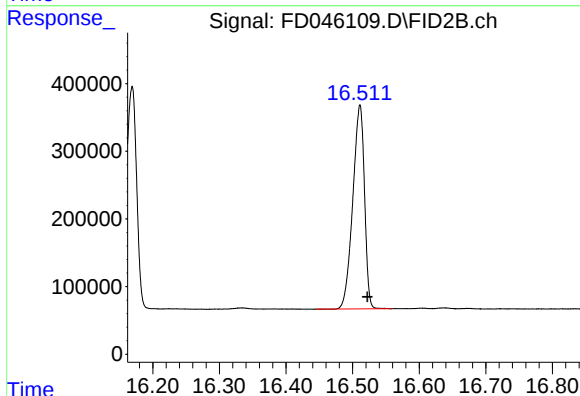
R.T.: 16.136 min
Delta R.T.: -0.010 min
Response: 3818595
Conc: 20.36 ug/ml



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

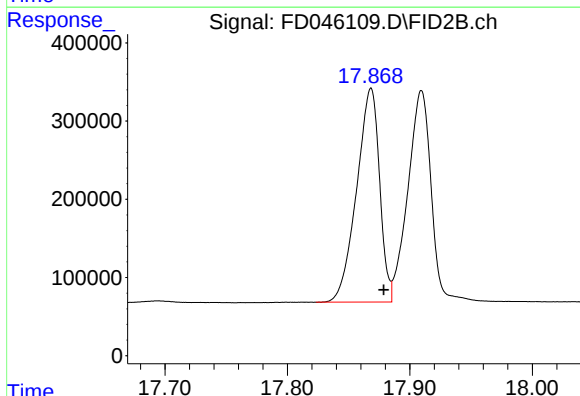
R.T.: 16.169 min
Delta R.T.: -0.011 min
Response: 3773651
Conc: 19.08 ug/ml

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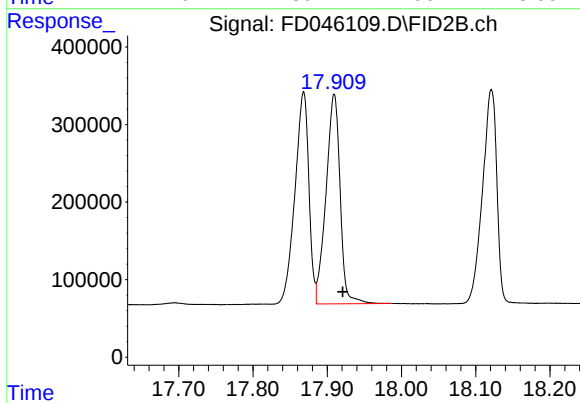
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min
Delta R.T.: -0.011 min
Response: 3681346
Conc: 21.13 ug/ml



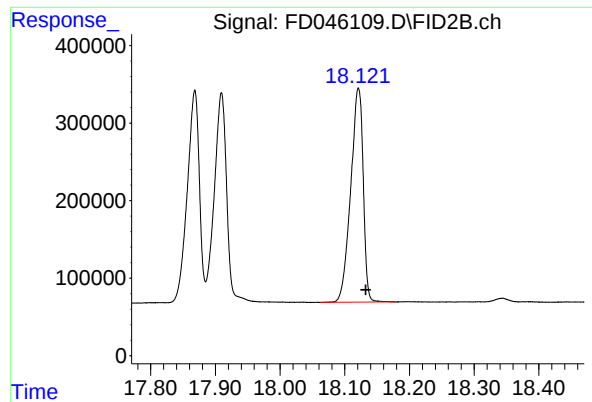
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: -0.011 min
Response: 3557110
Conc: 19.11 ug/ml



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

R.T.: 17.909 min
Delta R.T.: -0.012 min
Response: 3571671
Conc: 19.43 ug/ml



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

R.T.: 18.121 min
Delta R.T.: -0.012 min
Response: 3705455
Conc: 19.83 ug/ml

Instrument :

FID_D

ClientSampleId :

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