

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046346.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 12:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 18 13:08:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 13:06:51 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...	7.500	3115677	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.354	2049634	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.392	3844965	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3542697	20.000 ug/ml
2) T Naphthalene (C11.7)	5.840	3668592	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	3657721	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.158	3322839	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.453	3561816	20.000 ug/ml
8) T Flouorene (C16.55)	9.231	3430515	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.621	3396844	20.000 ug/ml
10) T Anthracene (C19.43)	10.695	2999551	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.424	3294154	20.000 ug/ml
13) T Pyrene (C20.8)	12.718	3216345	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.582	2868106	20.000 ug/ml
15) T Chrysene (C27.41)	14.625	2959375	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.125	2735360	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	2668530	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	2561740	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	2503912	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.899	2537296	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	2545325	20.000 ug/ml

(f)=RT Delta > 1/2 Window

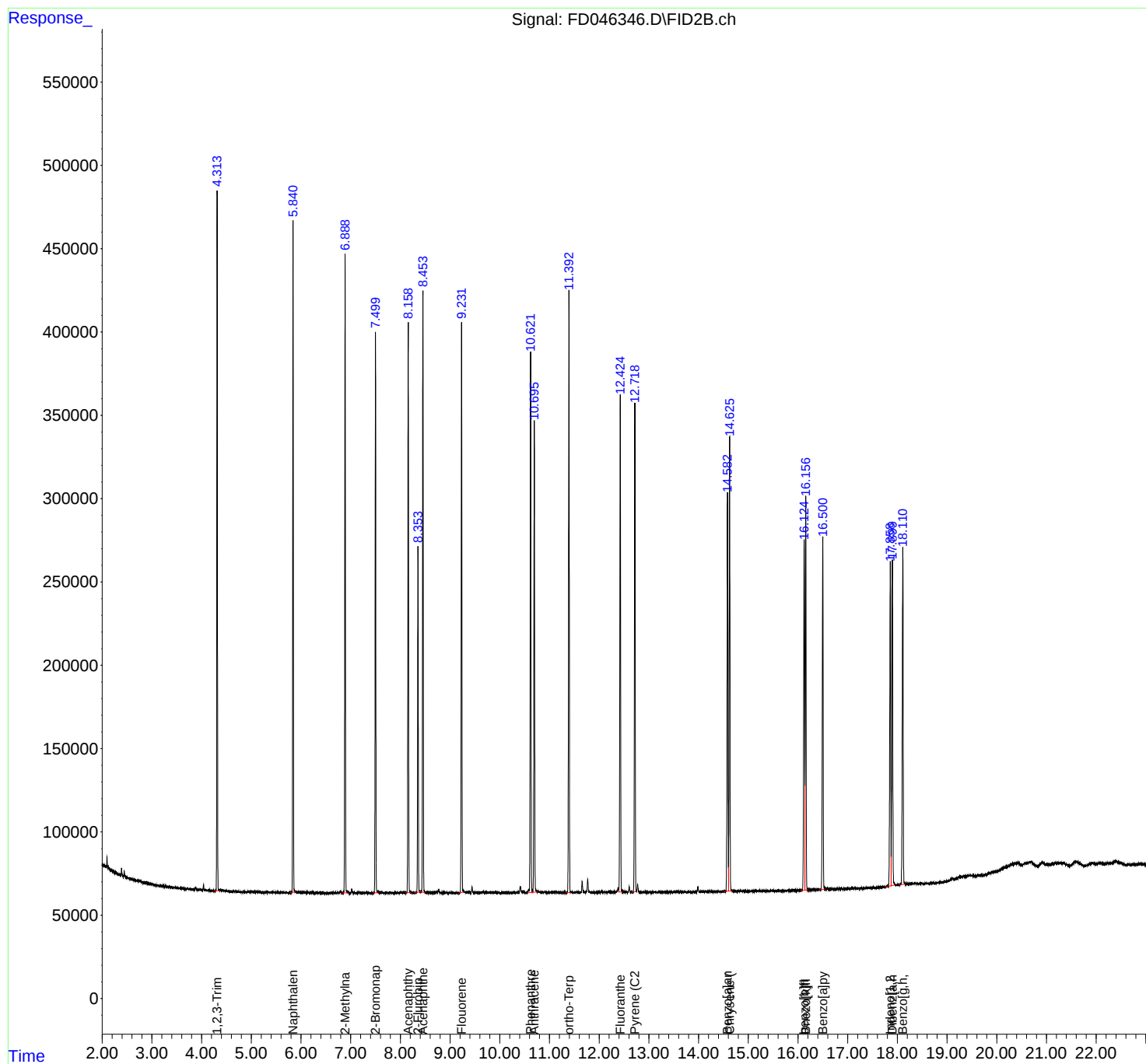
(m)=manual int.

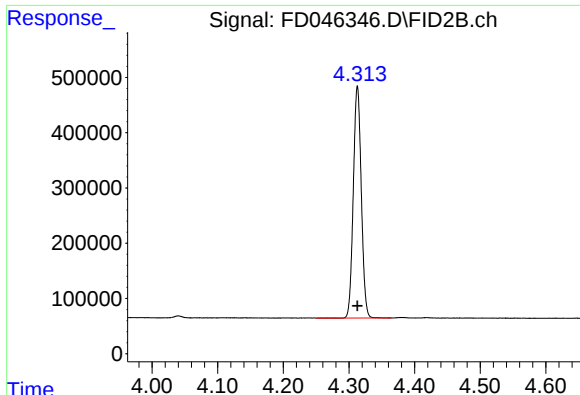
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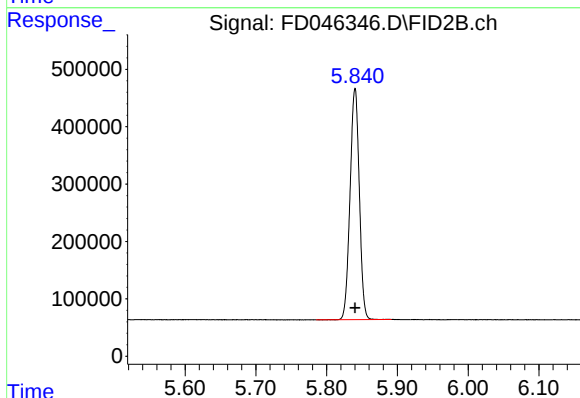




#1 1,2,3-Trimethylbenzene (C10.1)

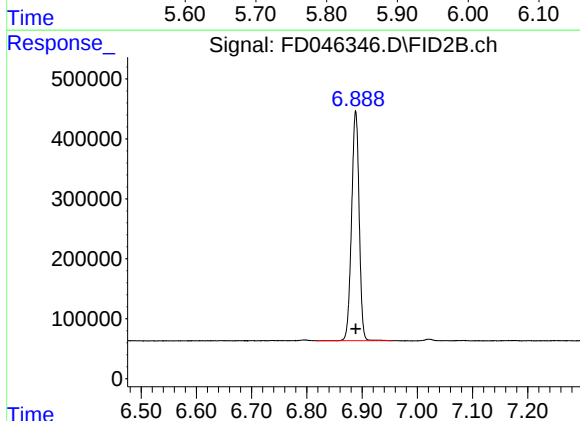
R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 3542697
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



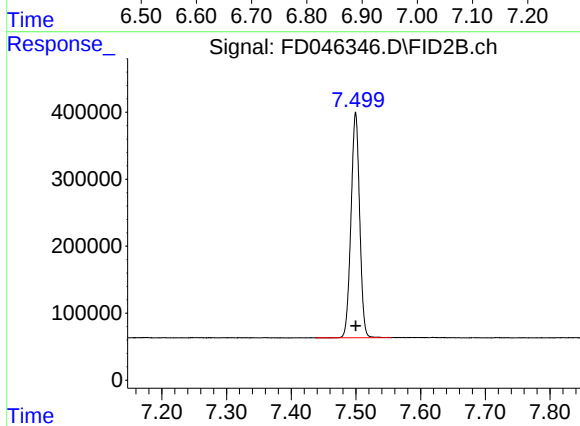
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 3668592
Conc: 20.00 ug/ml



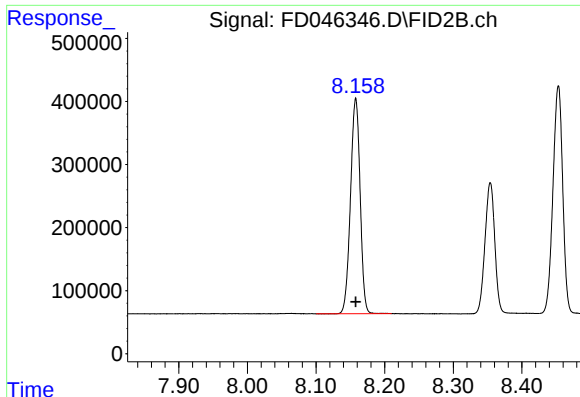
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 3657721
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

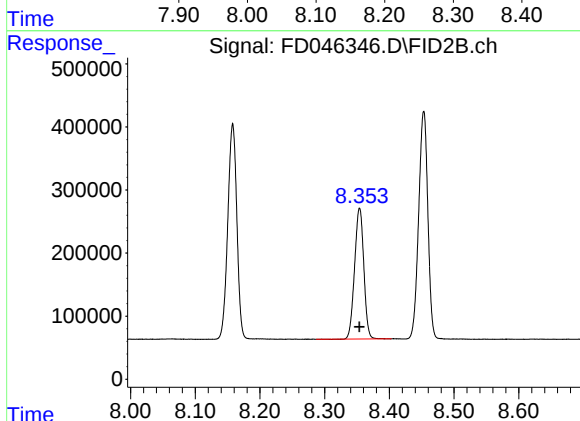
R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 3115677
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

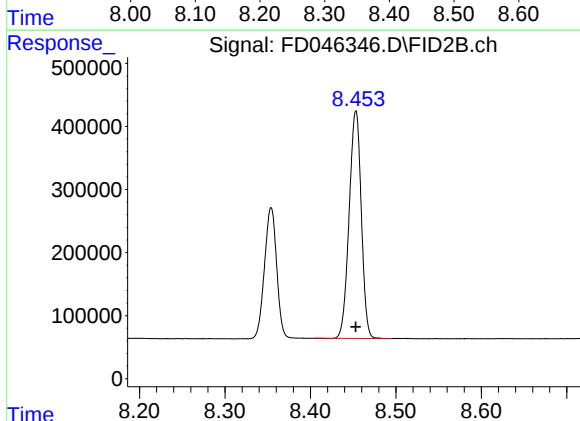
R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 3322839
Conc: 20.00 ug/ml

Instrument :
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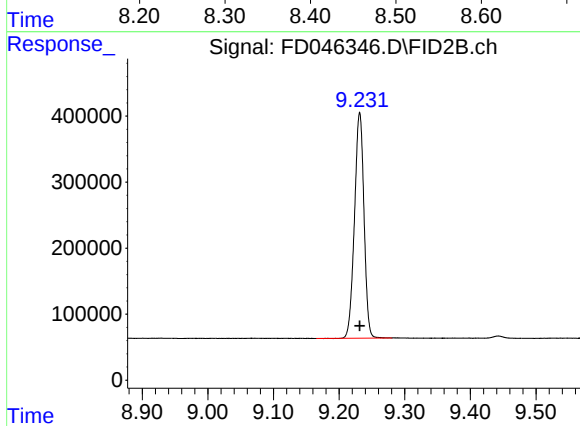
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 2049634
Conc: 20.00 ug/ml



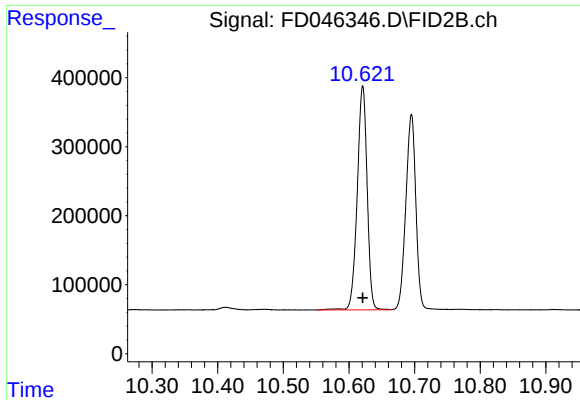
#7 Acenaphthene (C15.5)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 3561816
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

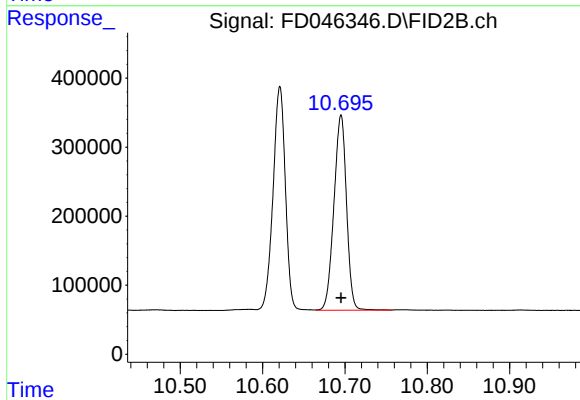
R.T.: 9.231 min
Delta R.T.: 0.000 min
Response: 3430515
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

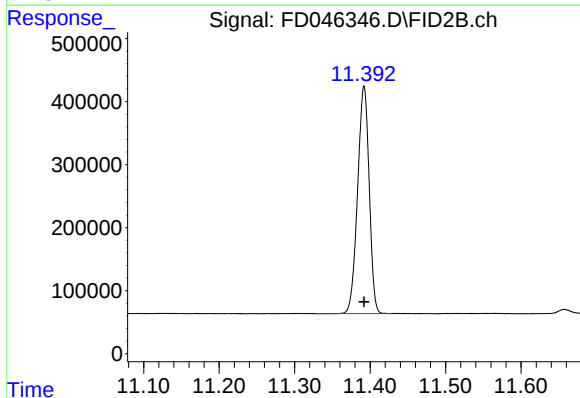
R.T.: 10.621 min
Delta R.T.: 0.000 min
Response: 3396844
Conc: 20.00 ug/ml

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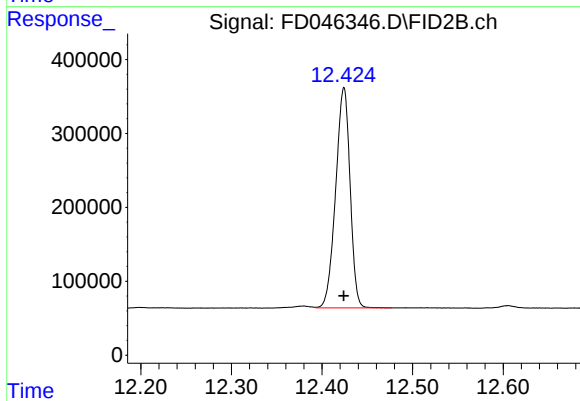
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: 0.000 min
Response: 2999551
Conc: 20.00 ug/ml



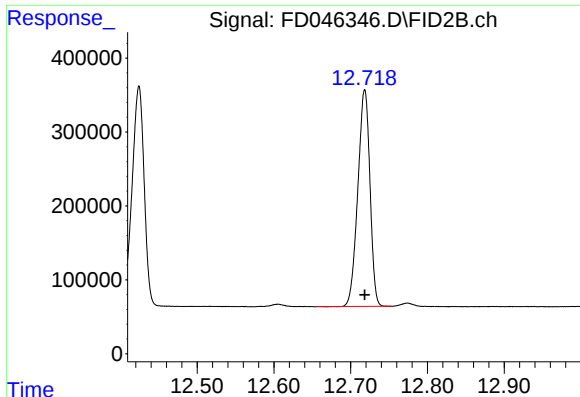
#11 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 3844965
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

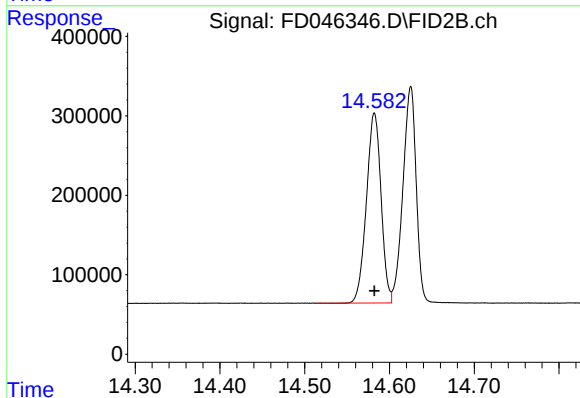
R.T.: 12.424 min
Delta R.T.: 0.000 min
Response: 3294154
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

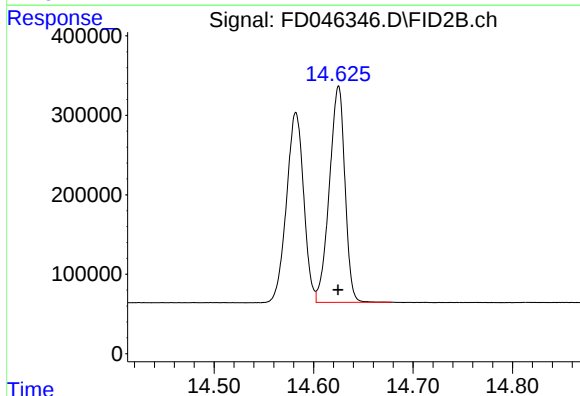
R.T.: 12.718 min
Delta R.T.: 0.000 min
Response: 3216345
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



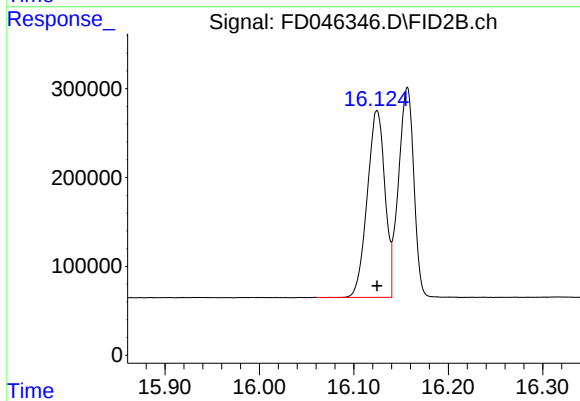
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 2868106
Conc: 20.00 ug/ml



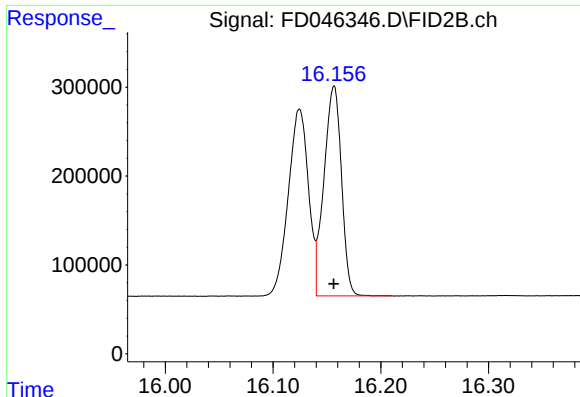
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: 0.000 min
Response: 2959375
Conc: 20.00 ug/ml



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

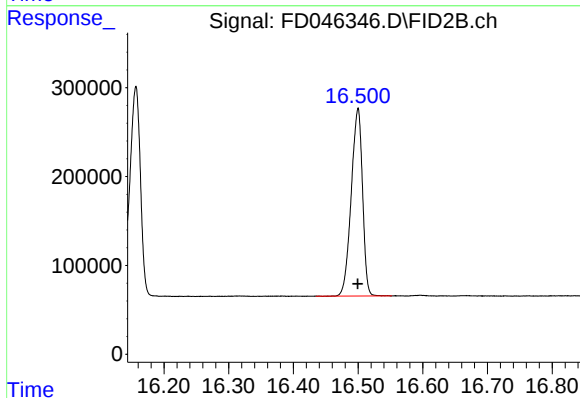
R.T.: 16.125 min
Delta R.T.: 0.000 min
Response: 2735360
Conc: 20.00 ug/ml



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

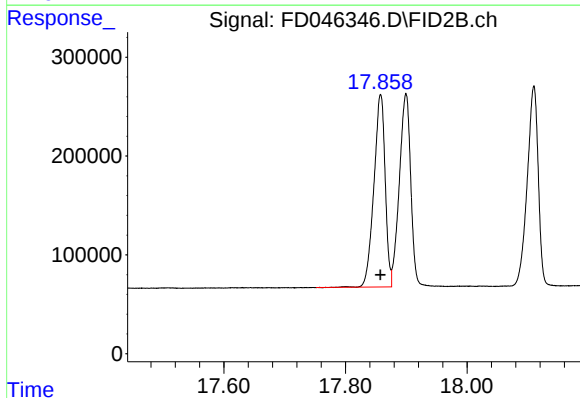
R.T.: 16.156 min
Delta R.T.: 0.000 min
Response: 2668530
Conc: 20.00 ug/ml

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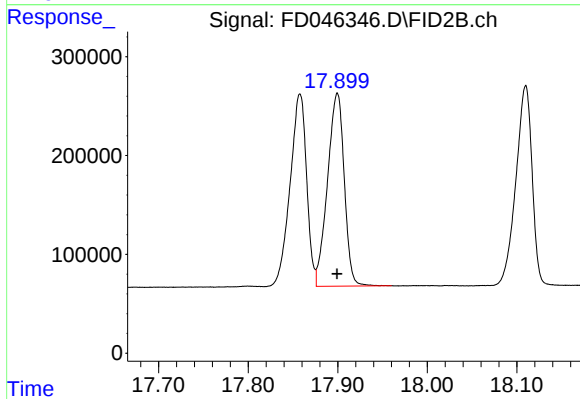
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: 0.000 min
Response: 2561740
Conc: 20.00 ug/ml



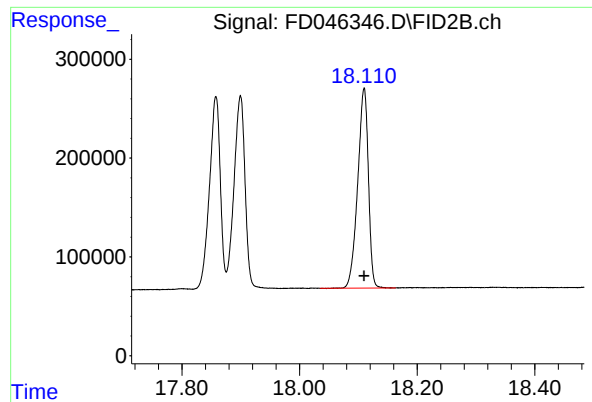
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 2503912
Conc: 20.00 ug/ml



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

R.T.: 17.899 min
Delta R.T.: 0.000 min
Response: 2537296
Conc: 20.00 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 2545325
Conc: 20.00 ug/ml

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