

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048223.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 14:00
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 12 16:05:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:01:19 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...	7.396	2884515	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.247	1871878	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.284	3233976	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.216	3286798	20.000 ug/ml
2) T Naphthalene (C11.7)	5.737	3372195	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.784	3369126	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.050	3315999	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.344	3356027	20.000 ug/ml
8) T Fluorene (C16.55)	9.123	3203221	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.511	3080754	20.000 ug/ml
10) T Anthracene (C19.43)	10.586	2988334	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.316	3079647	20.000 ug/ml
13) T Pyrene (C20.8)	12.608	3050030	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.476	2776018	20.000 ug/ml
15) T Chrysene (C27.41)	14.518	3057382	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.023	2909276	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.053	2860690	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.398	2891895	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	2393197	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.802	2977992	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.011	2923077	20.000 ug/ml

(f)=RT Delta > 1/2 Window

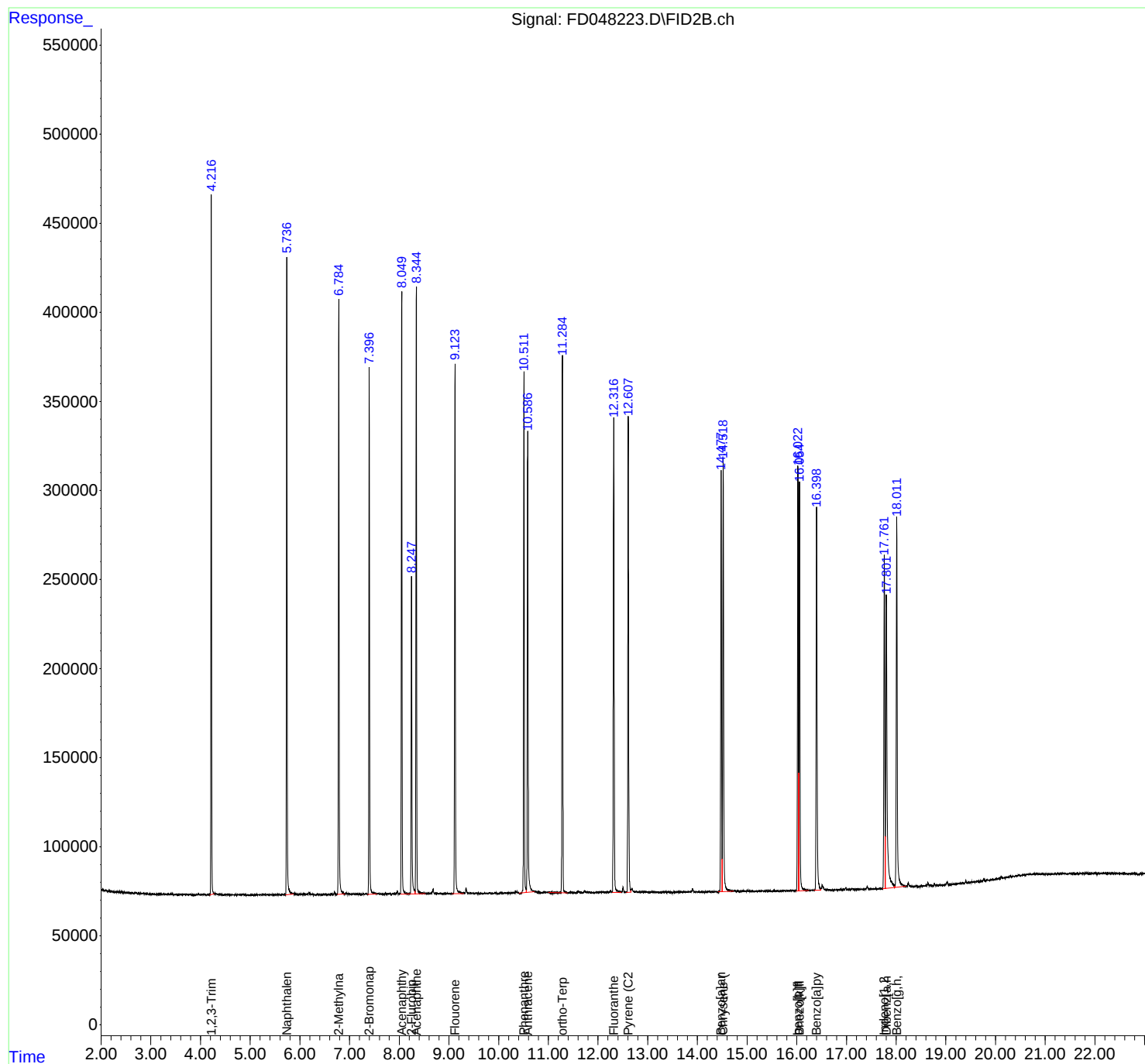
(m)=manual int.

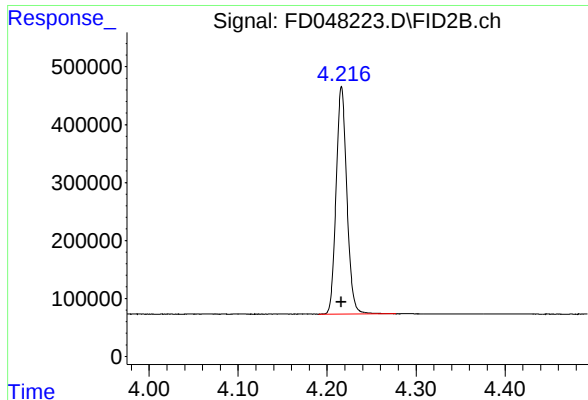
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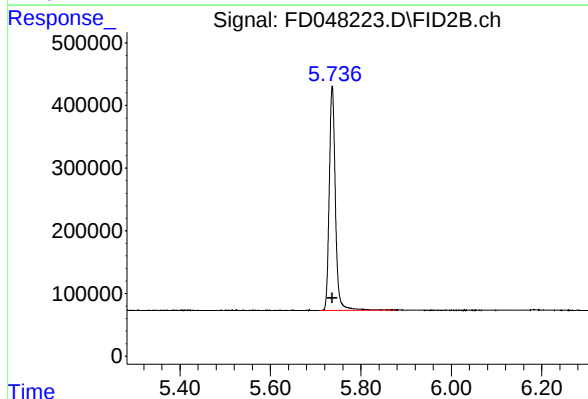




#1 1,2,3-Trimethylbenzene (C10.1)

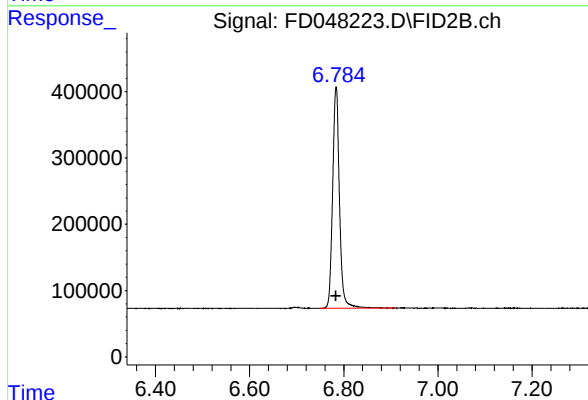
R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 3286798
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



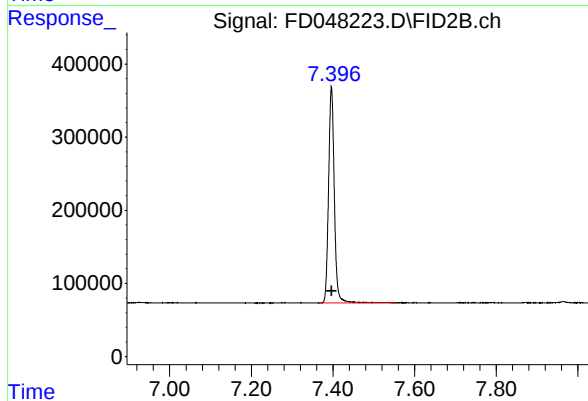
#2 Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 3372195
Conc: 20.00 ug/ml



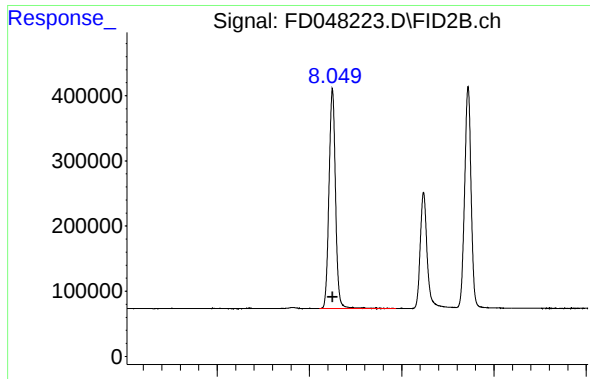
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 3369126
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

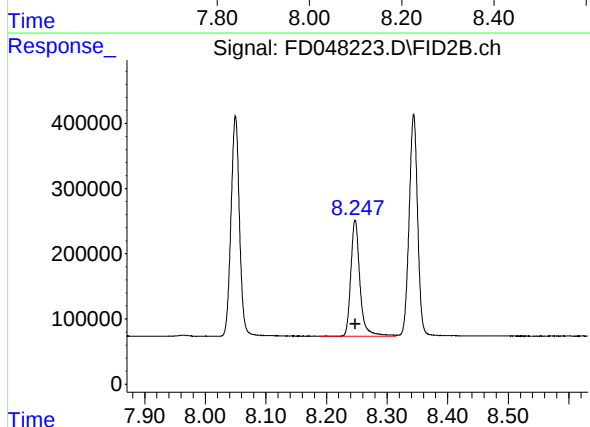
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 2884515
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

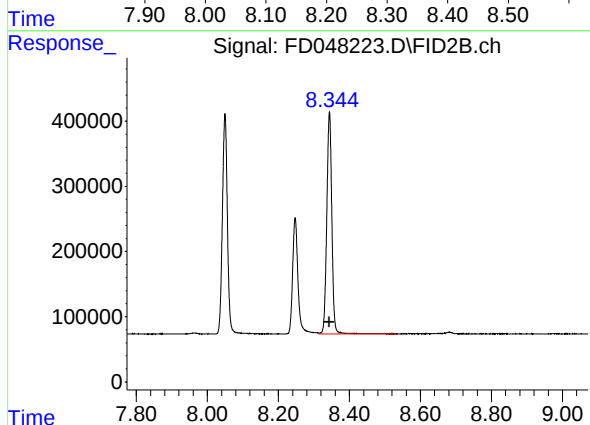
R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 3315999
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



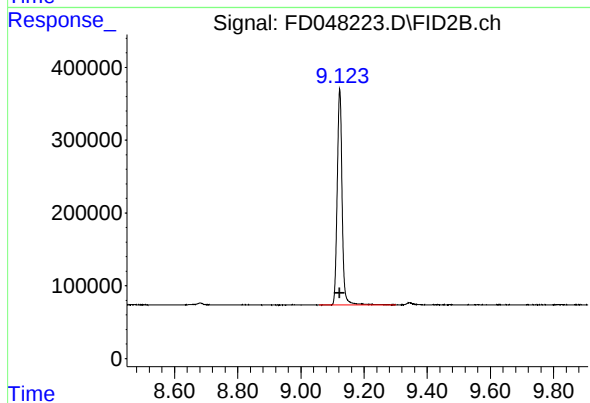
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 1871878
Conc: 20.00 ug/ml



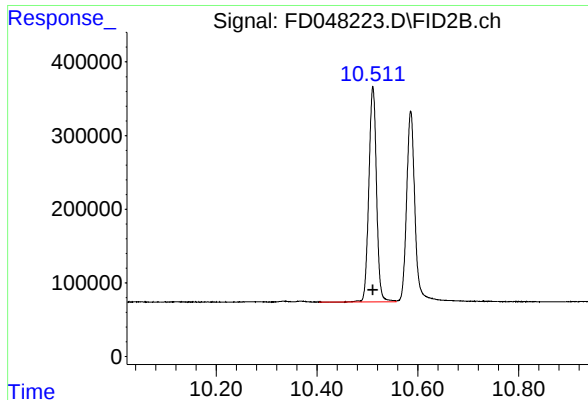
#7 Acenaphthene (C15.5)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 3356027
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

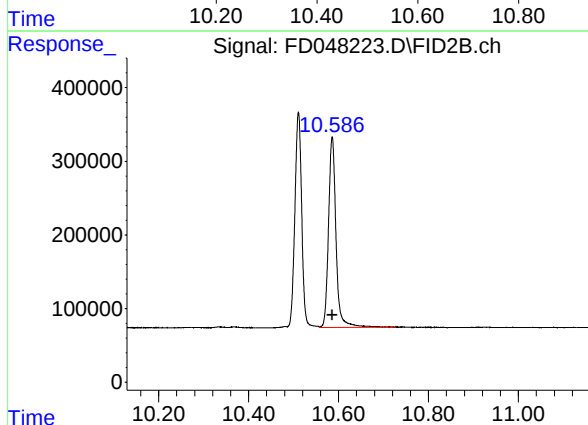
R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 3203221
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

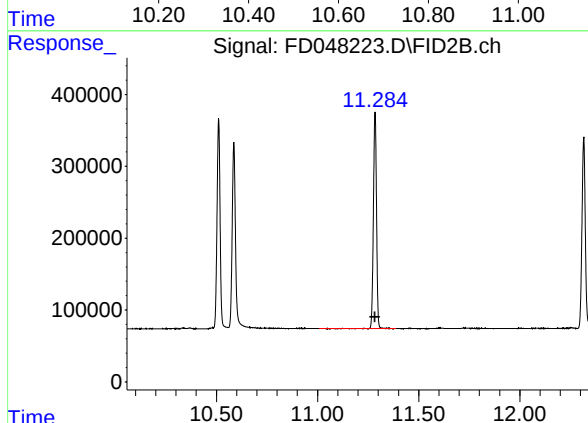
R.T.: 10.511 min
Delta R.T.: 0.000 min
Response: 3080754
Conc: 20.00 ug/ml

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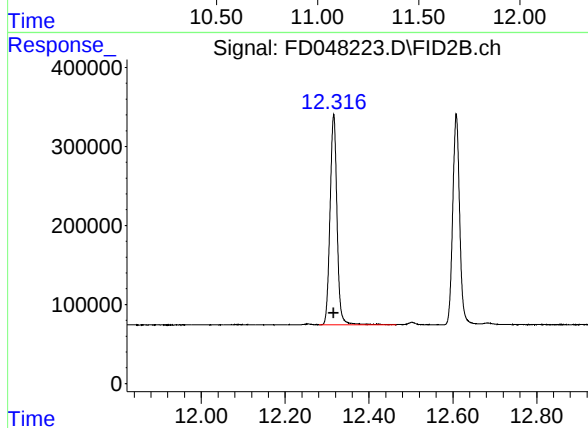
#10 Anthracene (C19.43)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 2988334
Conc: 20.00 ug/ml



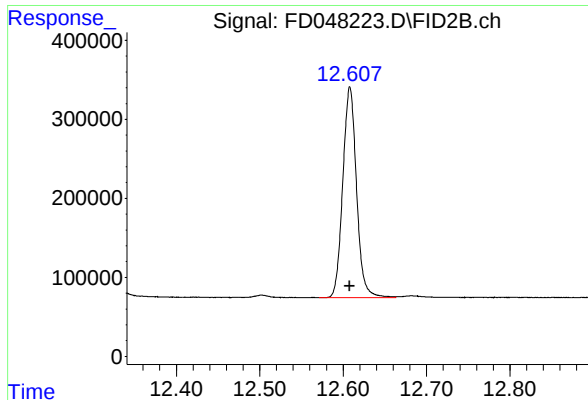
#11 ortho-Terphenyl (SURR)

R.T.: 11.284 min
Delta R.T.: 0.000 min
Response: 3233976
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

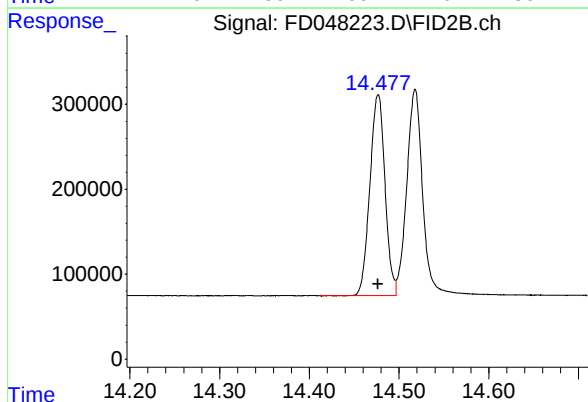
R.T.: 12.316 min
Delta R.T.: 0.000 min
Response: 3079647
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

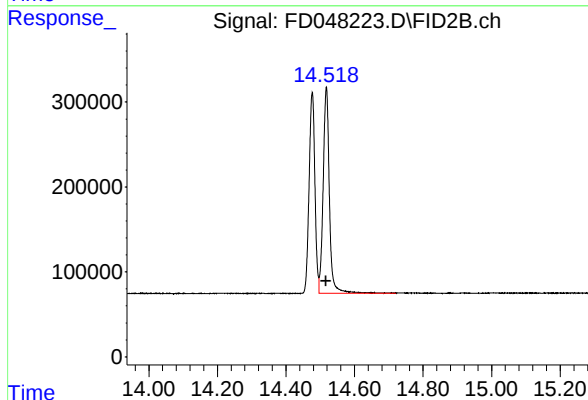
R.T.: 12.608 min
Delta R.T.: 0.000 min
Response: 3050030
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



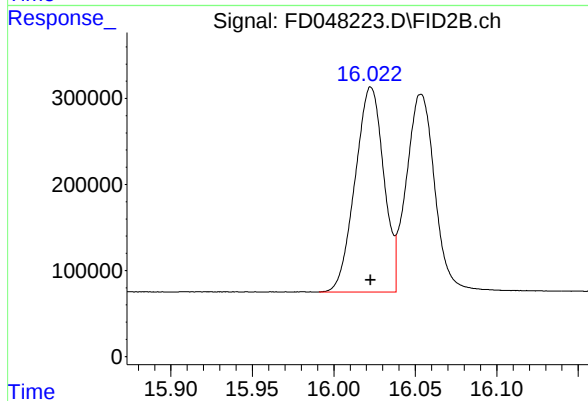
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.476 min
Delta R.T.: 0.000 min
Response: 2776018
Conc: 20.00 ug/ml



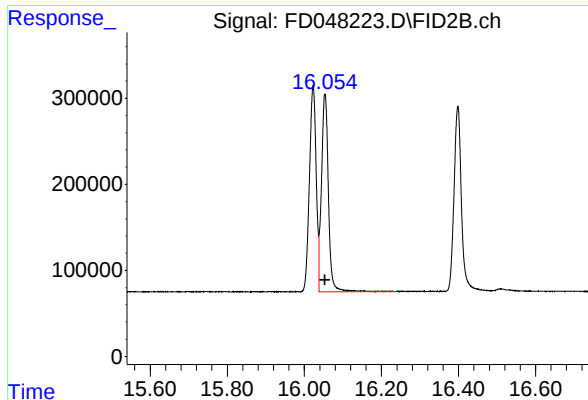
#15 Chrysene (C27.41)

R.T.: 14.518 min
Delta R.T.: 0.000 min
Response: 3057382
Conc: 20.00 ug/ml



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

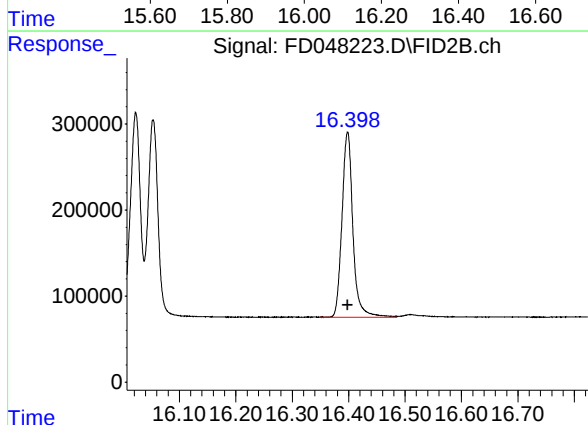
R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 2909276
Conc: 20.00 ug/ml



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

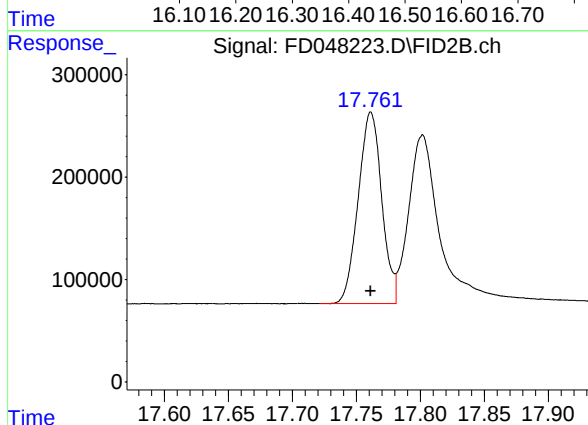
R.T.: 16.053 min
Delta R.T.: 0.000 min
Response: 2860690
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



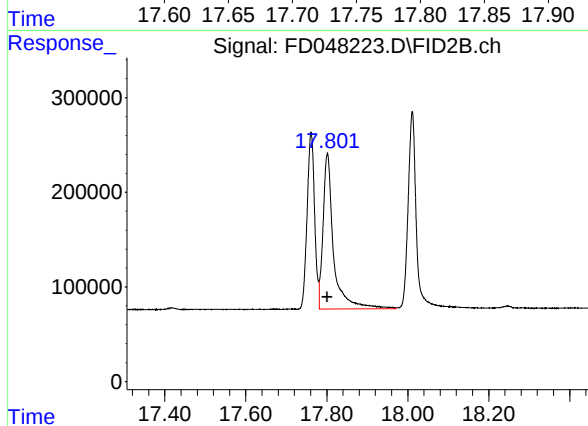
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2891895
Conc: 20.00 ug/ml



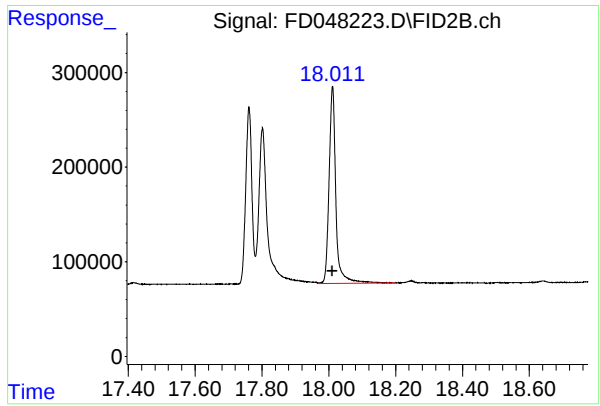
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: 0.000 min
Response: 2393197
Conc: 20.00 ug/ml



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

R.T.: 17.802 min
Delta R.T.: 0.000 min
Response: 2977992
Conc: 20.00 ug/ml



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

R.T.: 18.011 min
Delta R.T.: 0.000 min
Response: 2923077
Conc: 20.00 ug/ml

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