

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049396.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 16:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 27 03:03:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:01:40 2025
 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...	7.736	3400026	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.602	2343929	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.648	4128289	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3258232	20.000 ug/ml
2) T Naphthalene (C11.7)	6.072	3583592	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	3645691	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.406	3964898	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.702	3892473	20.000 ug/ml
8) T Fluorene (C16.55)	9.483	4013172	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.882	3918979	20.000 ug/ml
10) T Anthracene (C19.43)	10.957	3598708	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.697	3733051	20.000 ug/ml
13) T Pyrene (C20.8)	12.995	3690050	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.866	3137811	20.000 ug/ml
15) T Chrysene (C27.41)	14.909	3135648	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.417	2969243	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2952154	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	2792755	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.161	2607963	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	2764270	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	2765236	20.000 ug/ml

(f)=RT Delta > 1/2 Window

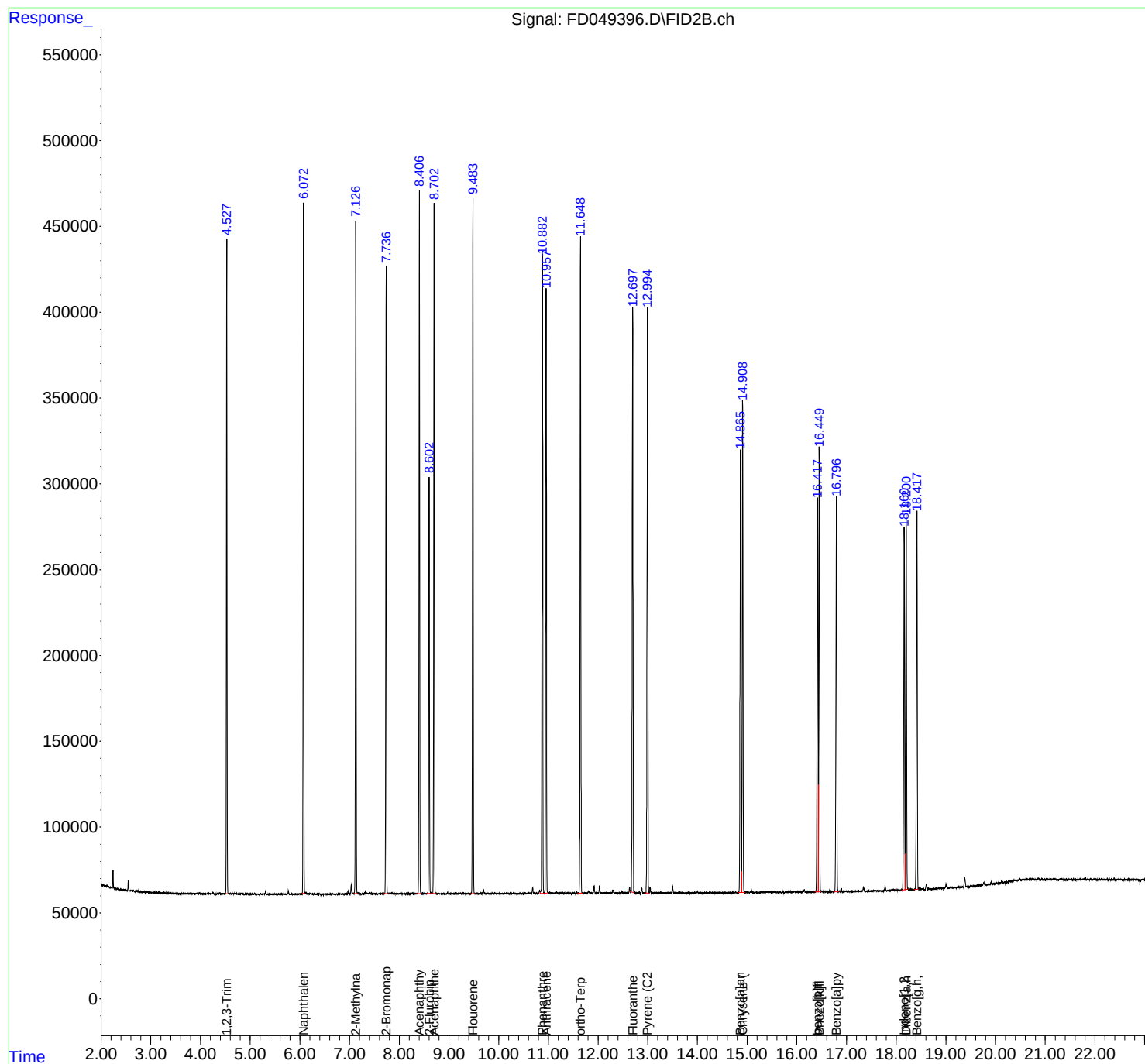
(m)=manual int.

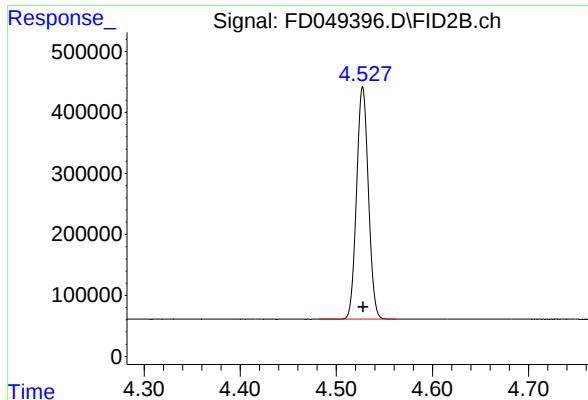
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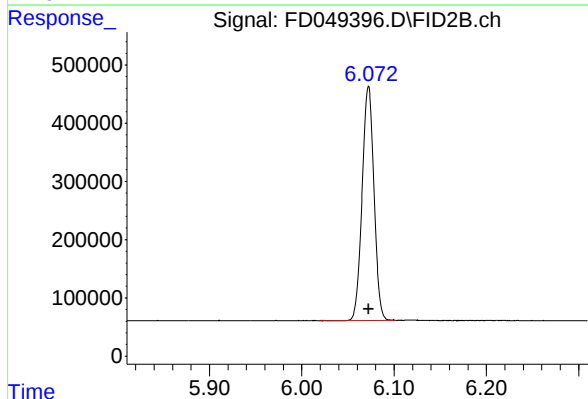




#1 1,2,3-Trimethylbenzene (C10.1)

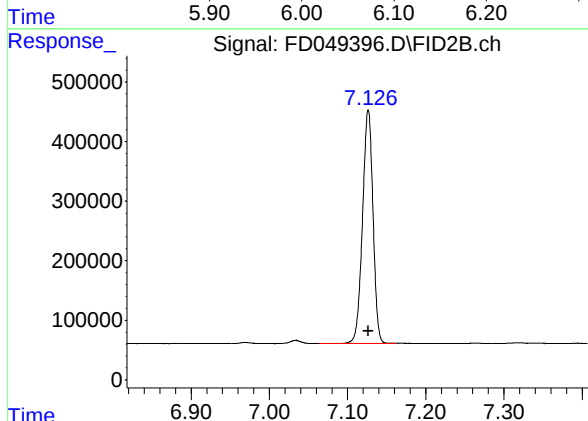
R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 3258232
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



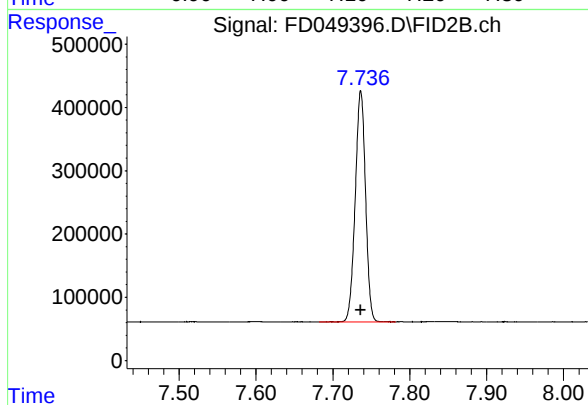
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 3583592
Conc: 20.00 ug/ml



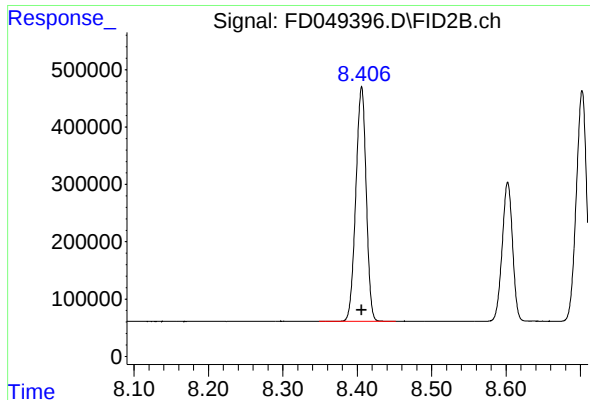
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 3645691
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

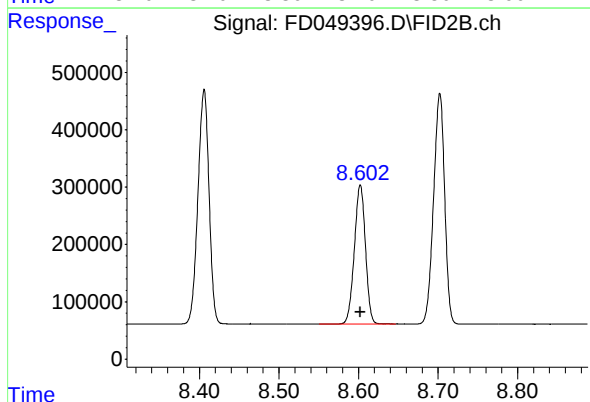
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 3400026
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

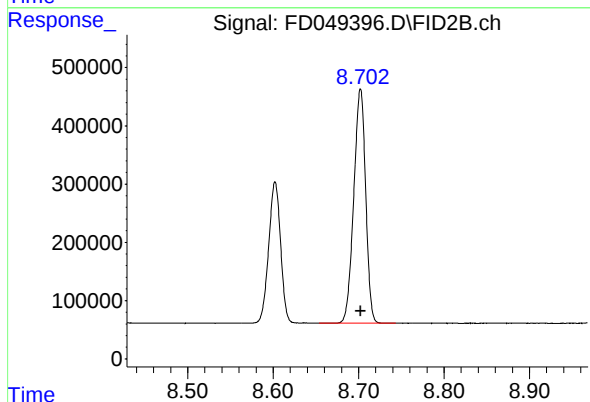
R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 3964898
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



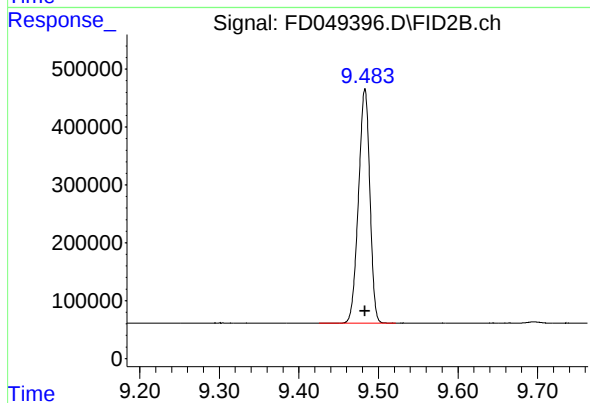
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 2343929
Conc: 20.00 ug/ml



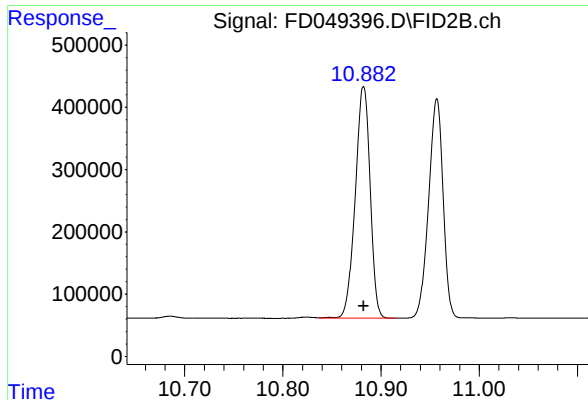
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 3892473
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

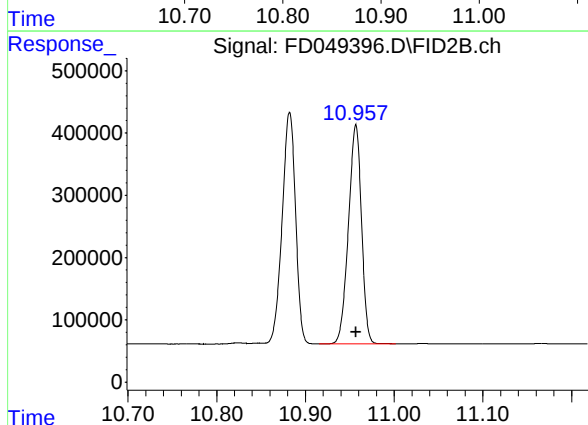
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 4013172
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

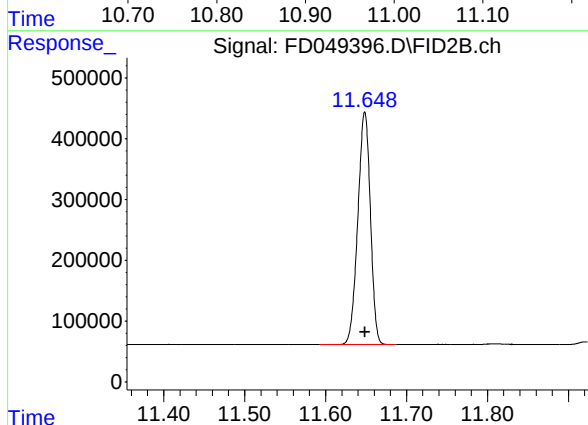
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 3918979
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



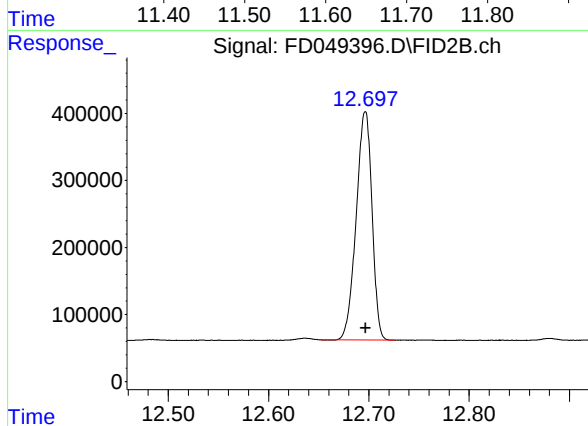
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.000 min
Response: 3598708
Conc: 20.00 ug/ml



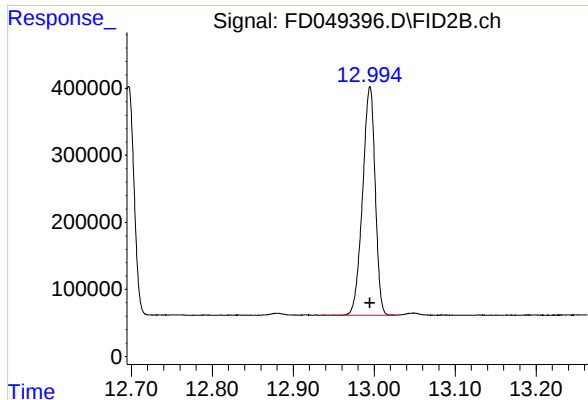
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 4128289
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

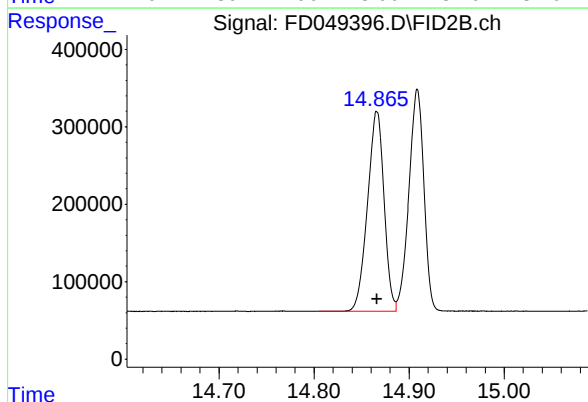
R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 3733051
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

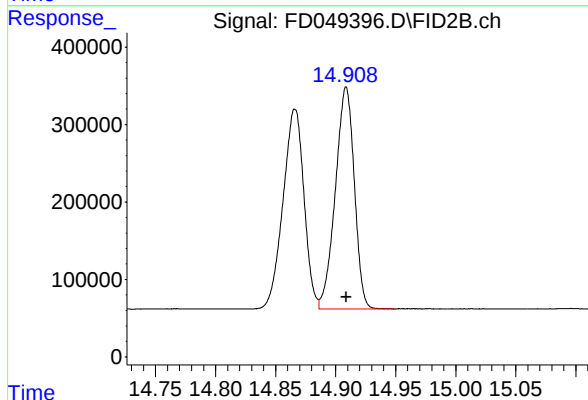
R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 3690050
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



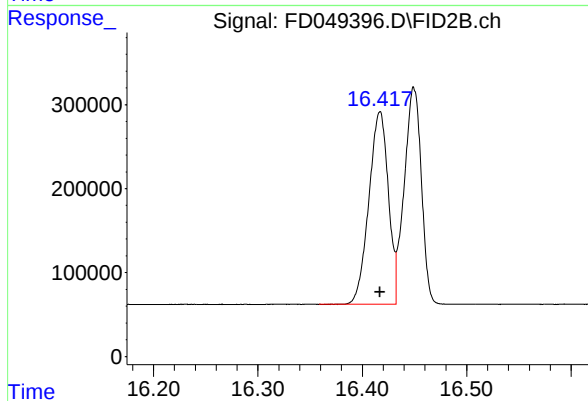
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.000 min
Response: 3137811
Conc: 20.00 ug/ml



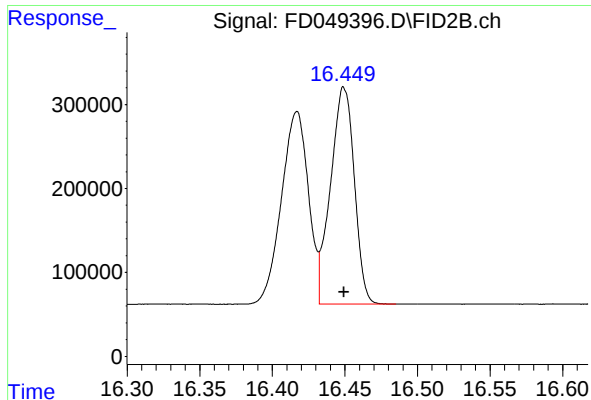
#15 Chrysene (C27.41)

R.T.: 14.909 min
Delta R.T.: 0.000 min
Response: 3135648
Conc: 20.00 ug/ml



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

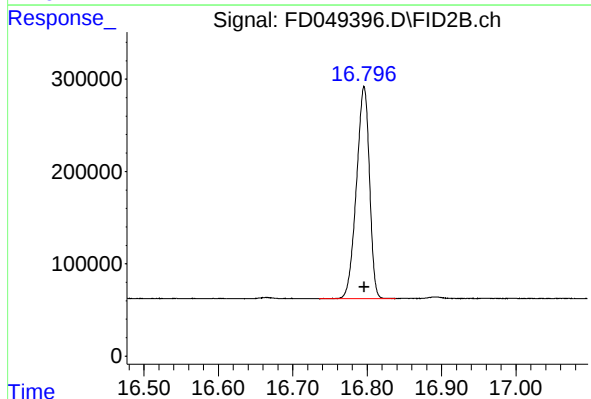
R.T.: 16.417 min
Delta R.T.: 0.000 min
Response: 2969243
Conc: 20.00 ug/ml



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

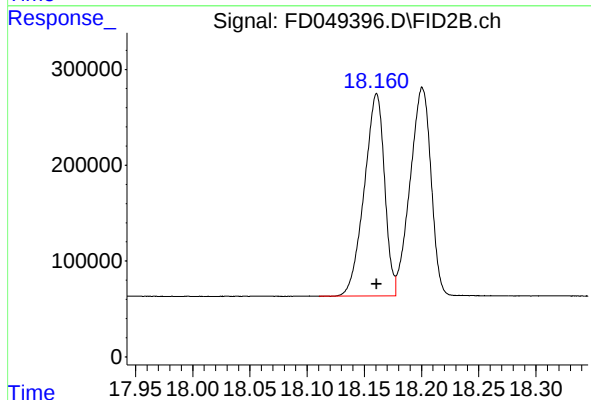
R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 2952154
Conc: 20.00 ug/ml

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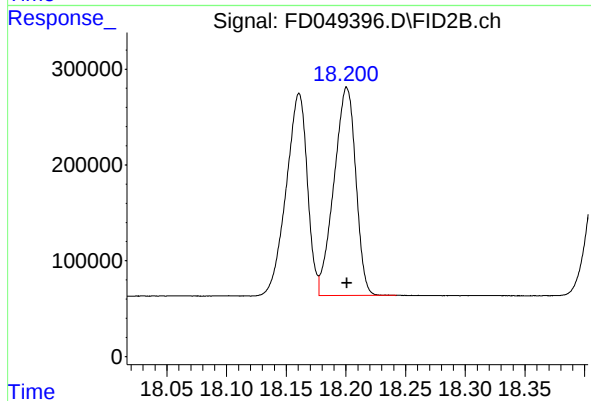
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: 0.000 min
Response: 2792755
Conc: 20.00 ug/ml



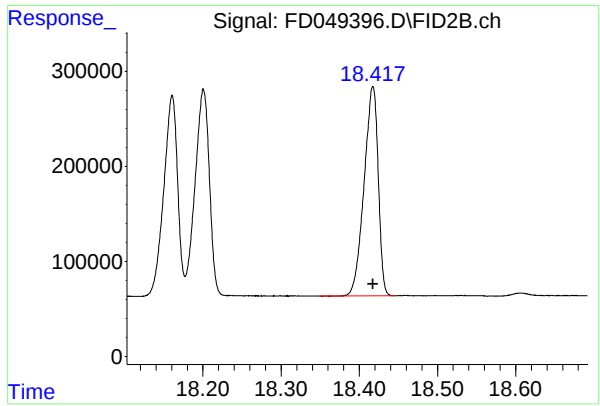
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.161 min
Delta R.T.: 0.000 min
Response: 2607963
Conc: 20.00 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.000 min
Response: 2764270
Conc: 20.00 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.000 min
Response: 2765236
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
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