

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046796.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 18:30
 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: Oct 28 02:41:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:41:01 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...	7.485	3688121	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.338	2398553	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.375	4272069	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.299	3894501	20.000 ug/ml
2) T Naphthalene (C11.7)	5.825	4057198	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	4087506	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.142	3728109	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.437	3972859	20.000 ug/ml
8) T Flouorene (C16.55)	9.215	3785923	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.603	3622537	20.000 ug/ml
10) T Anthracene (C19.43)	10.678	3454626	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.406	3501790	20.000 ug/ml
13) T Pyrene (C20.8)	12.699	3409433	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.563	2868990	20.000 ug/ml
15) T Chrysene (C27.41)	14.605	3134629	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.104	2922598	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	2942263	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	2843247	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2584157	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	2782525	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	2808629	20.000 ug/ml

(f)=RT Delta > 1/2 Window

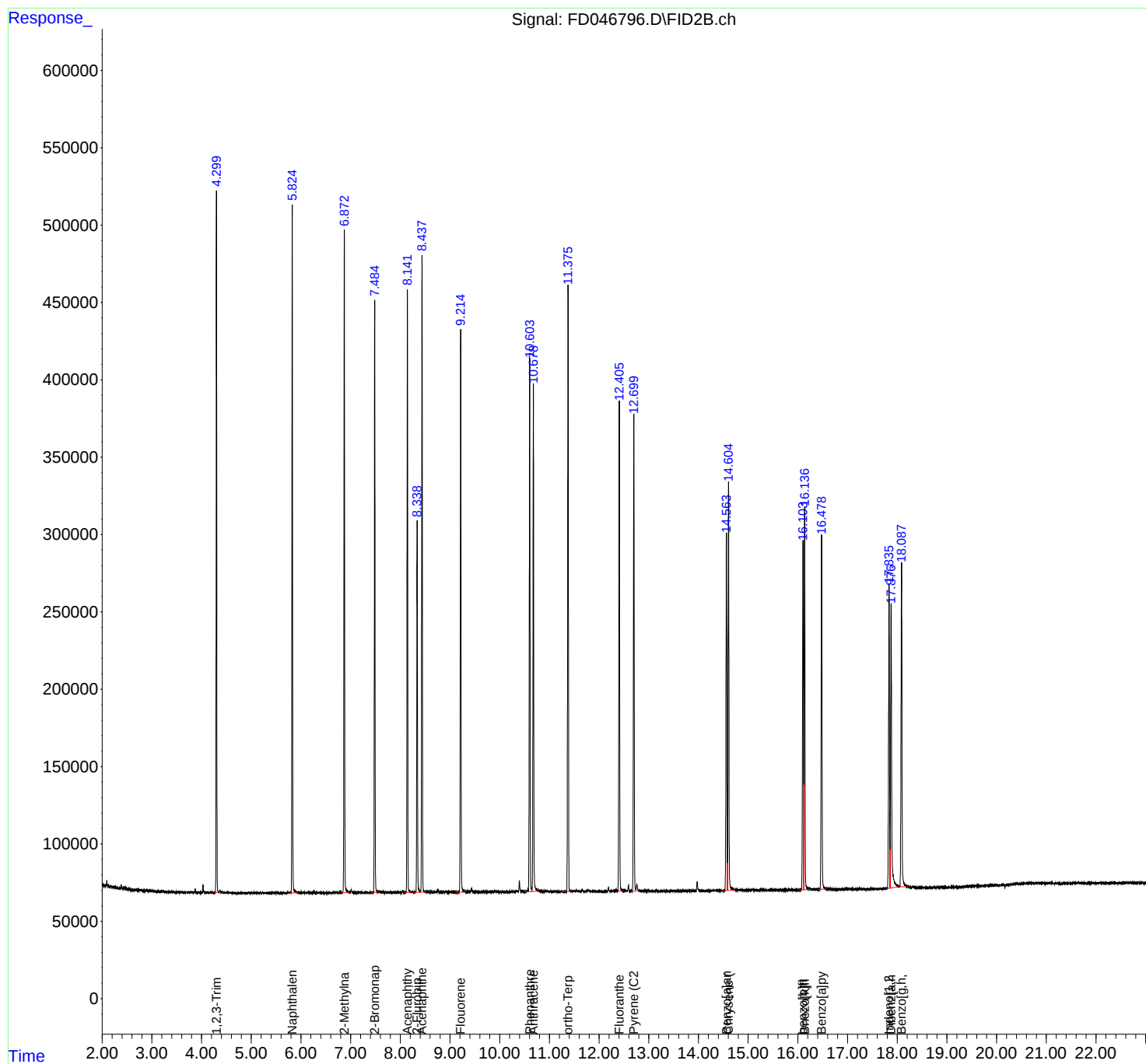
(m)=manual int.

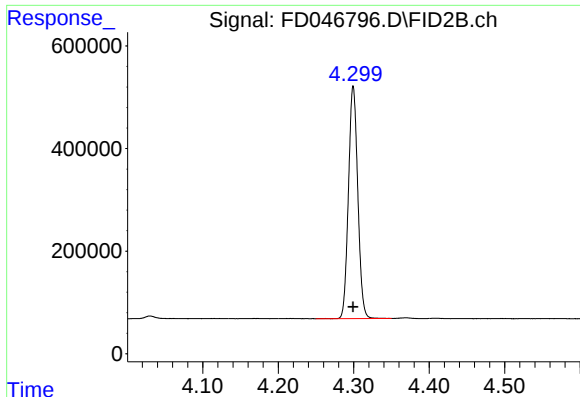
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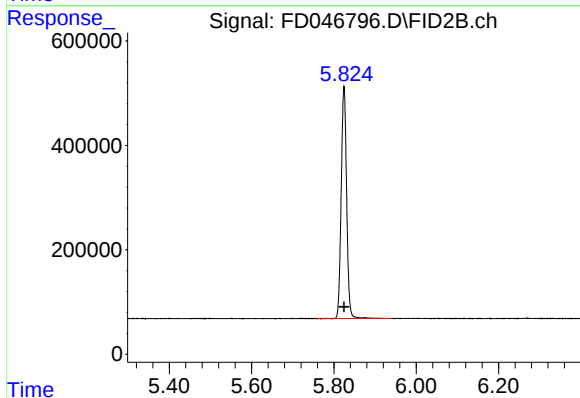




#1 1,2,3-Trimethylbenzene (C10.1)

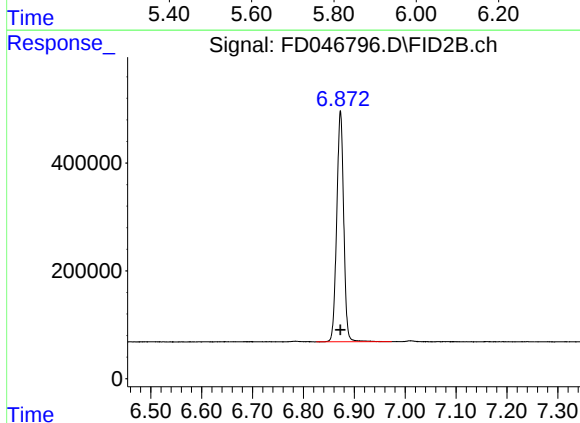
R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 3894501
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



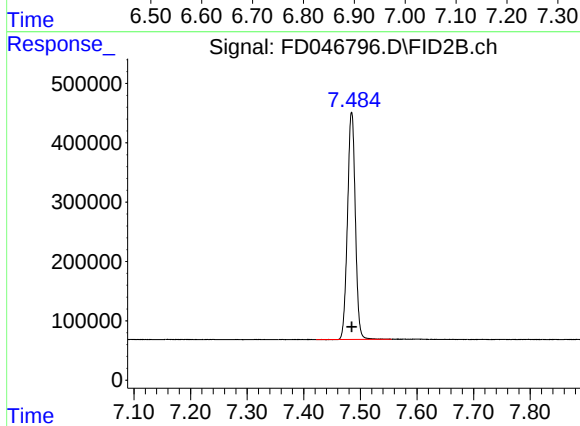
#2 Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 4057198
Conc: 20.00 ug/ml



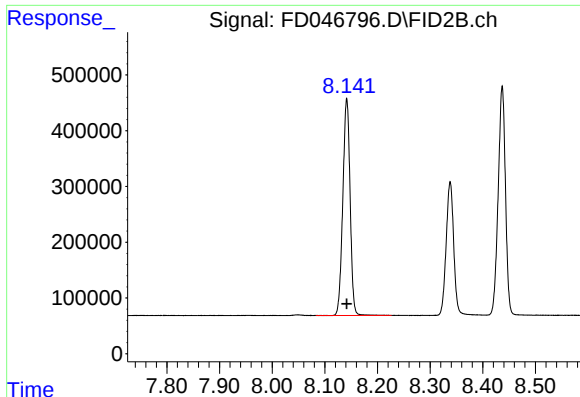
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 4087506
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

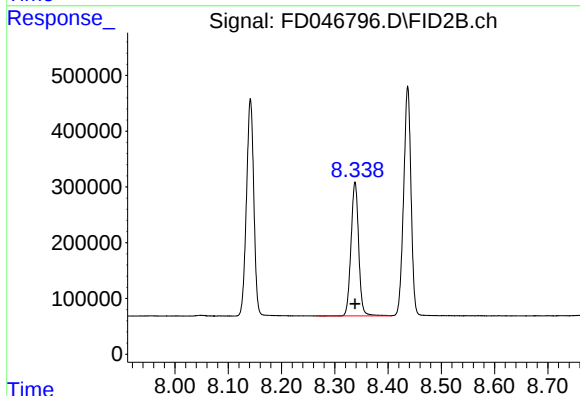
R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 3688121
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

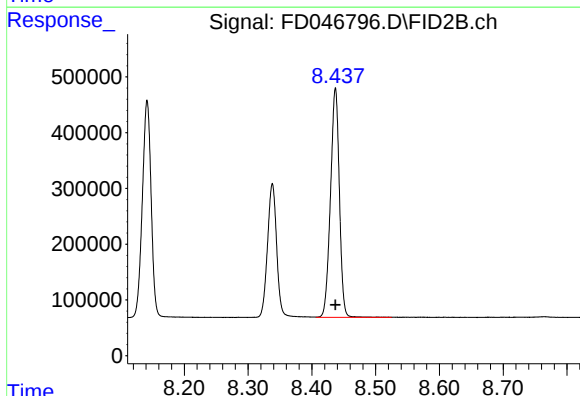
R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 3728109
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



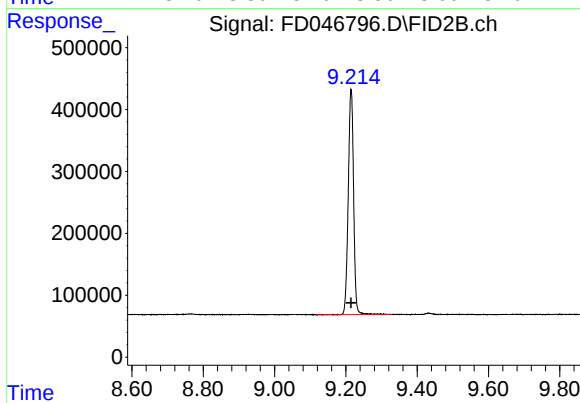
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 2398553
Conc: 20.00 ug/ml



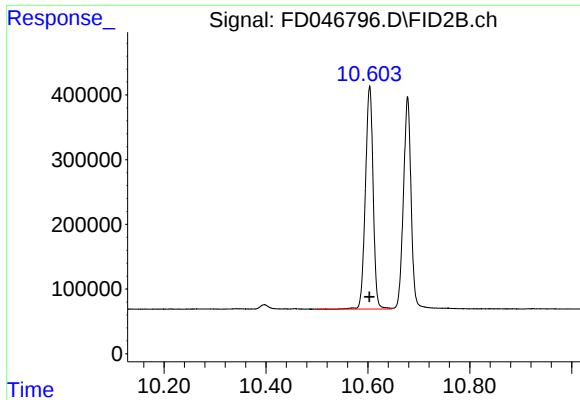
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 3972859
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

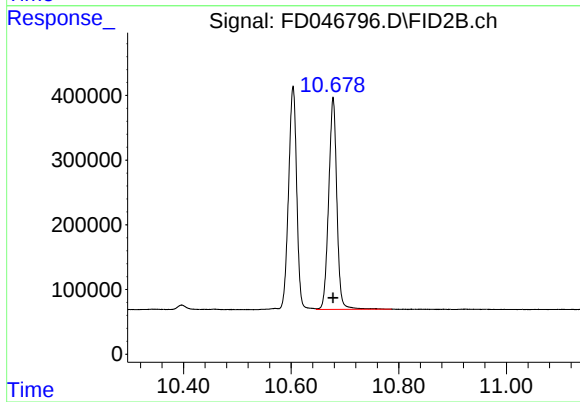
R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 3785923
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

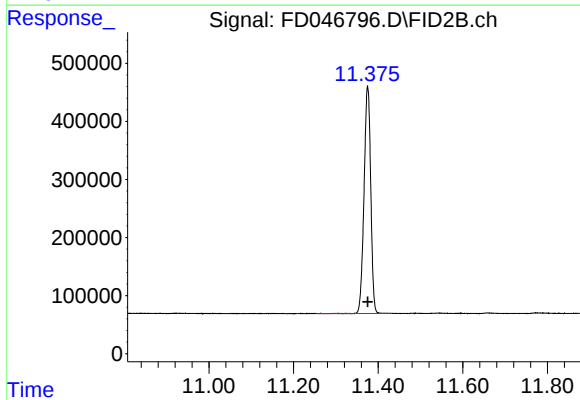
R.T.: 10.603 min
Delta R.T.: 0.000 min
Response: 3622537
Conc: 20.00 ug/ml

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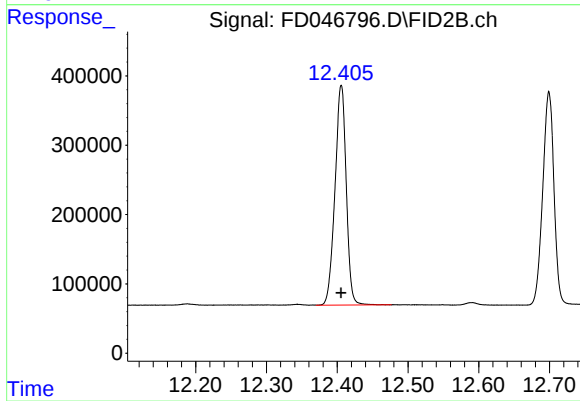
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 3454626
Conc: 20.00 ug/ml



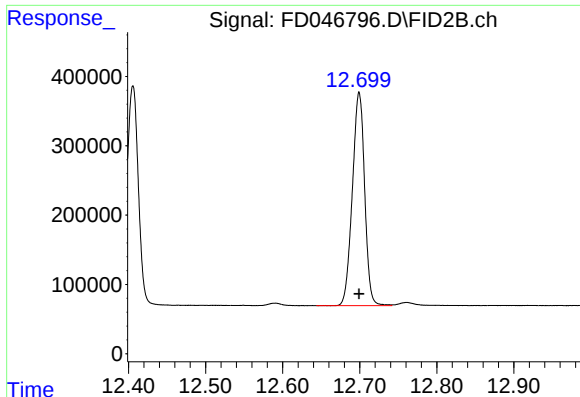
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 4272069
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

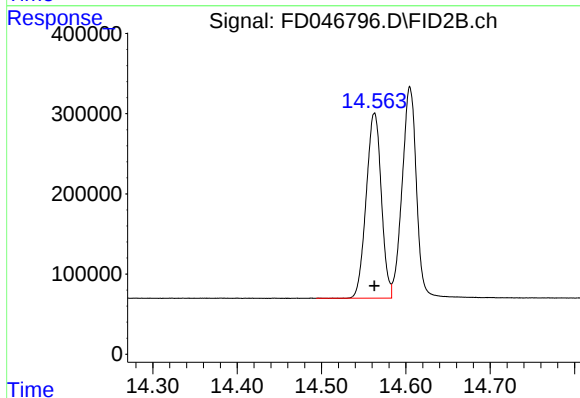
R.T.: 12.406 min
Delta R.T.: 0.000 min
Response: 3501790
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

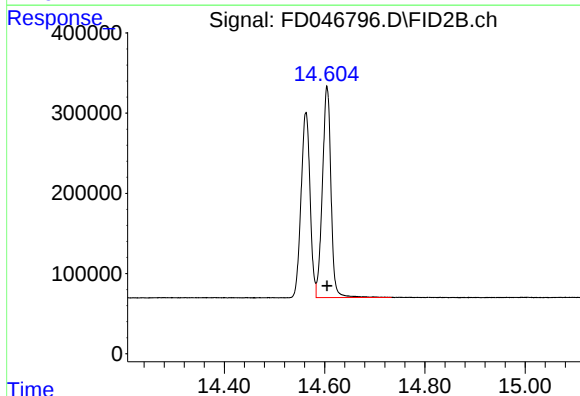
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 3409433
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



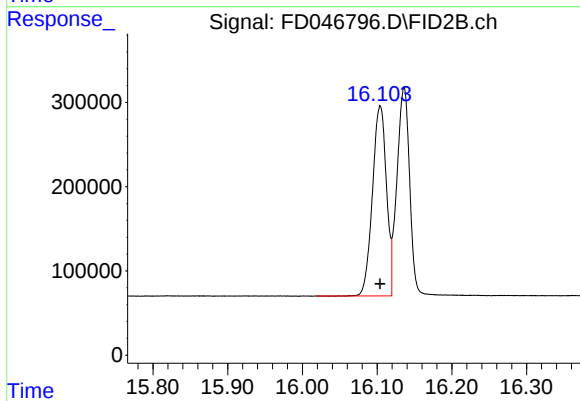
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.563 min
Delta R.T.: 0.000 min
Response: 2868990
Conc: 20.00 ug/ml



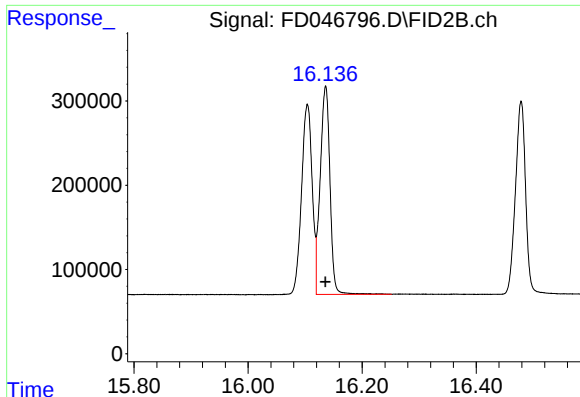
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: 0.000 min
Response: 3134629
Conc: 20.00 ug/ml



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

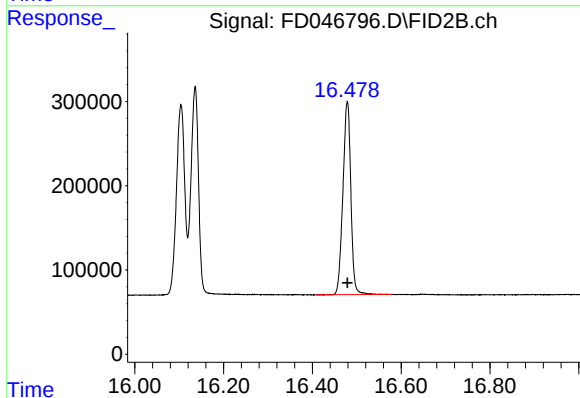
R.T.: 16.104 min
Delta R.T.: 0.000 min
Response: 2922598
Conc: 20.00 ug/ml



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

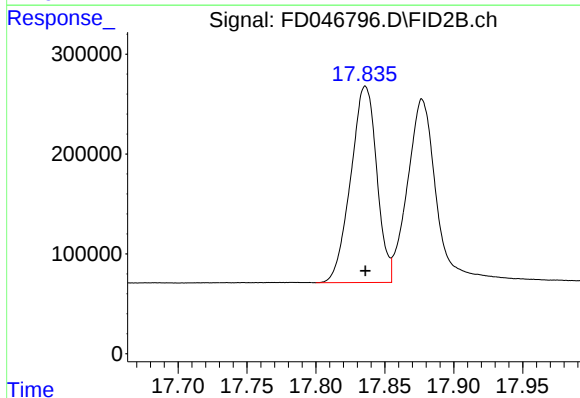
R.T.: 16.136 min
Delta R.T.: 0.000 min
Response: 2942263
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



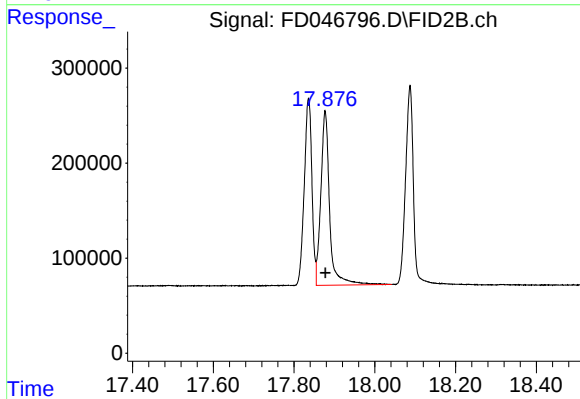
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.479 min
Delta R.T.: 0.000 min
Response: 2843247
Conc: 20.00 ug/ml



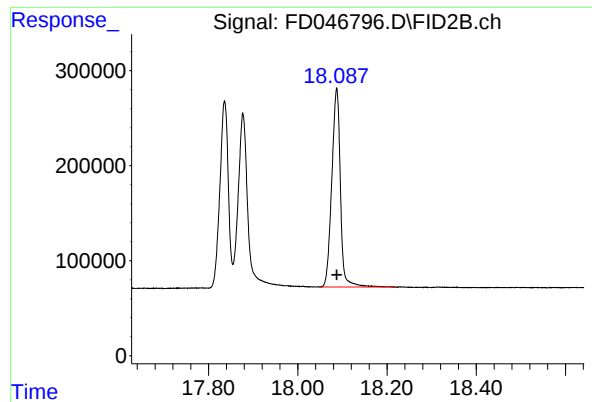
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 2584157
Conc: 20.00 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.000 min
Response: 2782525
Conc: 20.00 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 2808629
Conc: 20.00 ug/ml

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