

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
 Data File : FD046719.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 16:20
 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: Oct 11 02:40:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:39:53 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...	7.488	3713650	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.341	2432275	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.379	4315120	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	3885266	20.000 ug/ml
2) T Naphthalene (C11.7)	5.827	4057855	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4092235	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.145	3707235	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.440	3977650	20.000 ug/ml
8) T Flouorene (C16.55)	9.218	3814089	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.607	3692432	20.000 ug/ml
10) T Anthracene (C19.43)	10.680	2697075	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.410	3625087	20.000 ug/ml
13) T Pyrene (C20.8)	12.704	3520188	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.568	2955968	20.000 ug/ml
15) T Chrysene (C27.41)	14.610	3245268	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.110	2995239	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	2990196	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2876450	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	2724690	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	2815293	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2839969	20.000 ug/ml

(f)=RT Delta > 1/2 Window

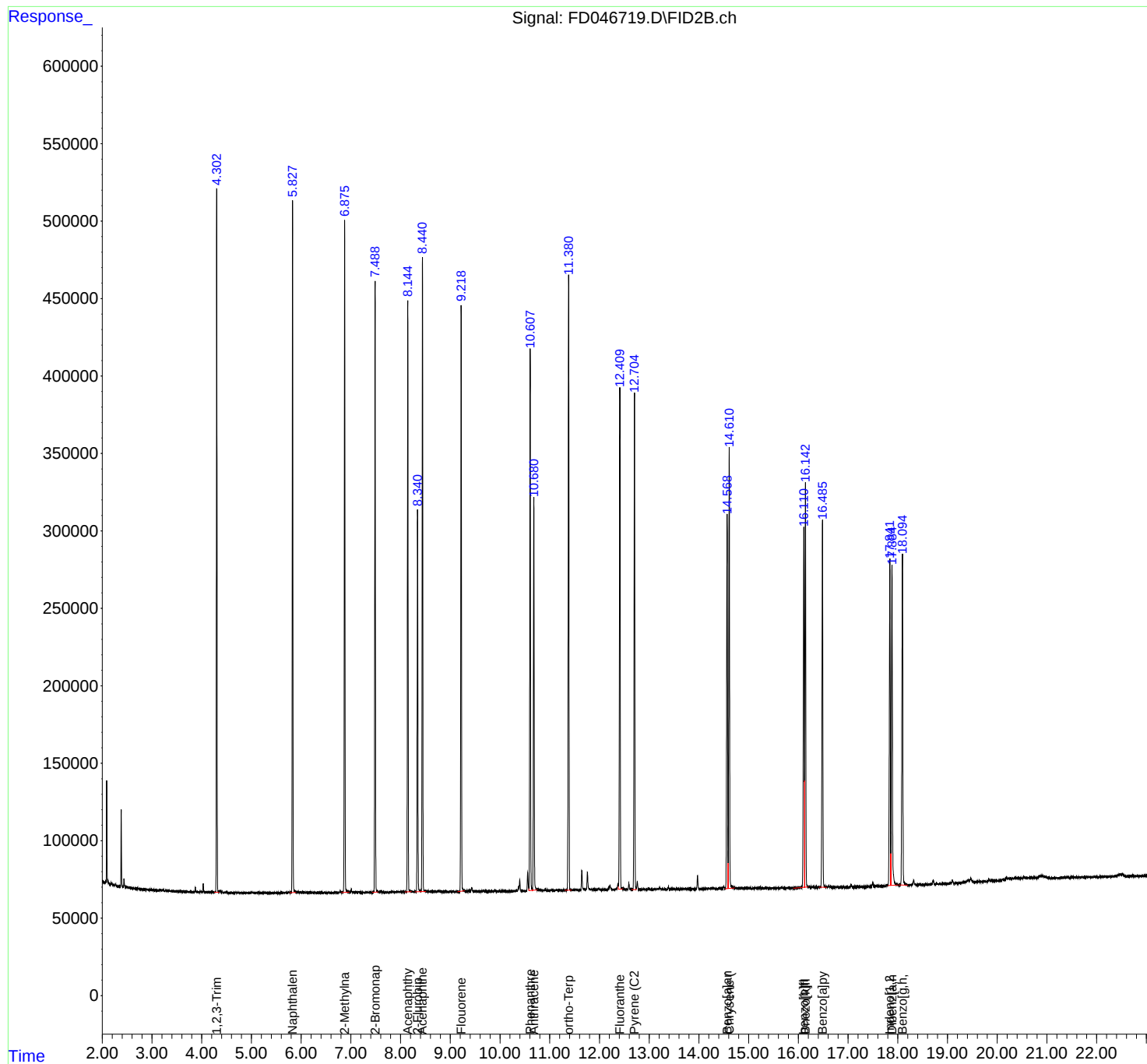
(m)=manual int.

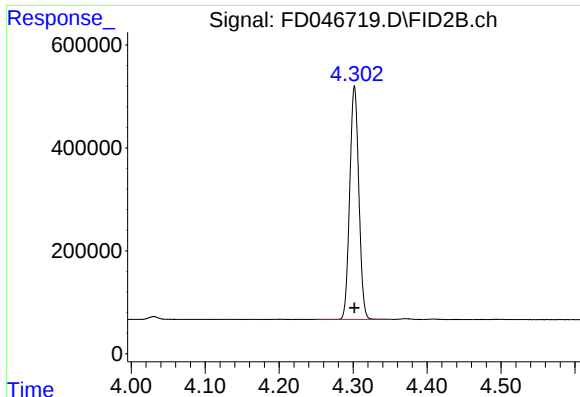
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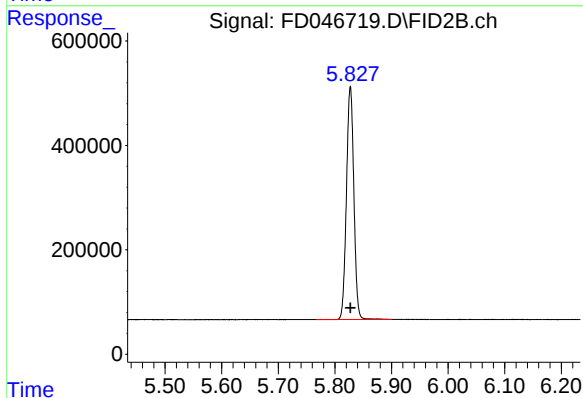




#1 1,2,3-Trimethylbenzene (C10.1)

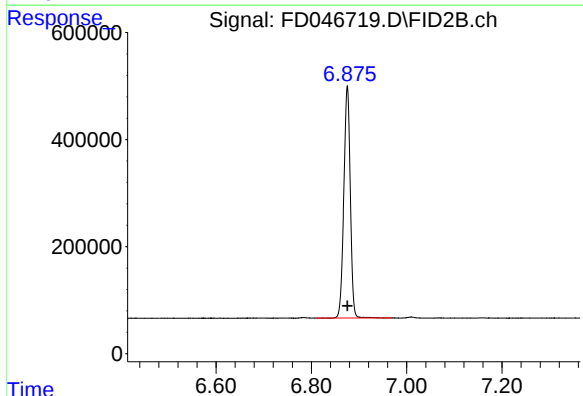
R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 3885266
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



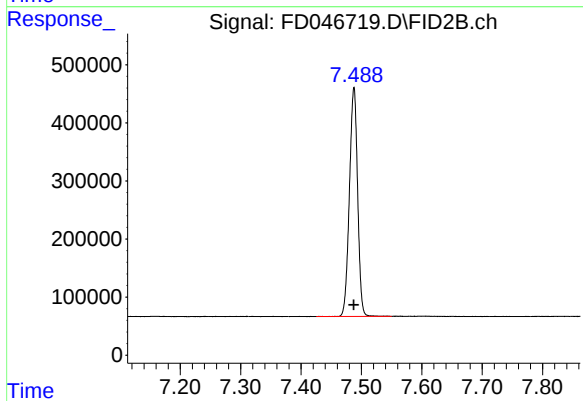
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4057855
Conc: 20.00 ug/ml



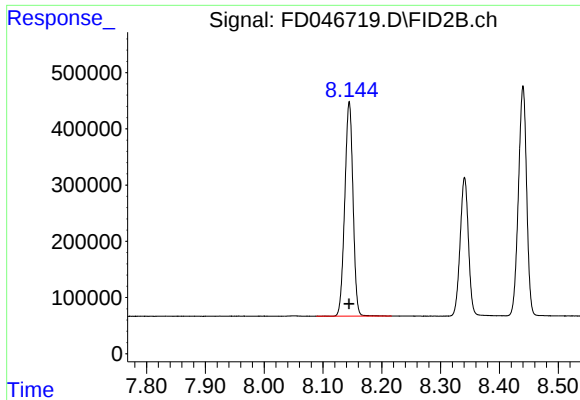
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 4092235
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

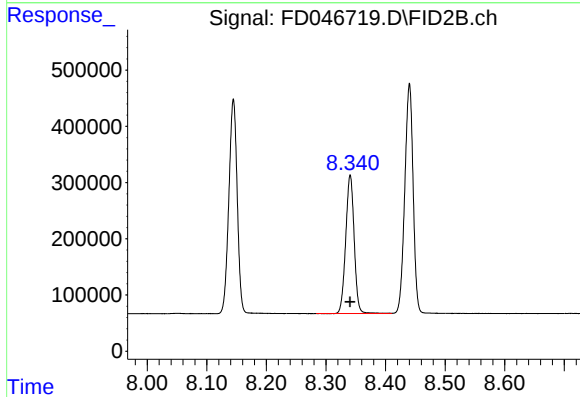
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 3713650
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

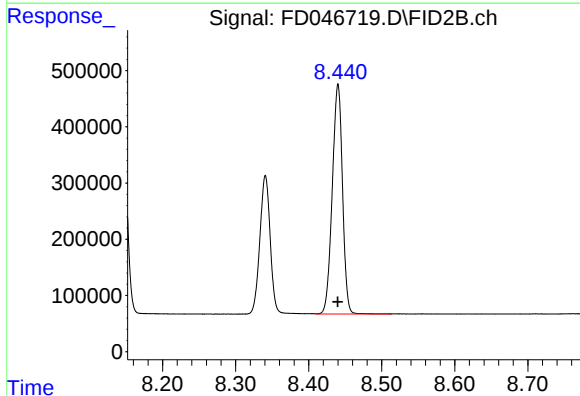
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 3707235
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



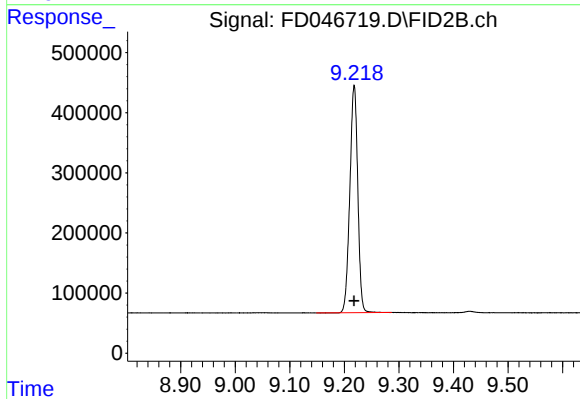
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 2432275
Conc: 20.00 ug/ml



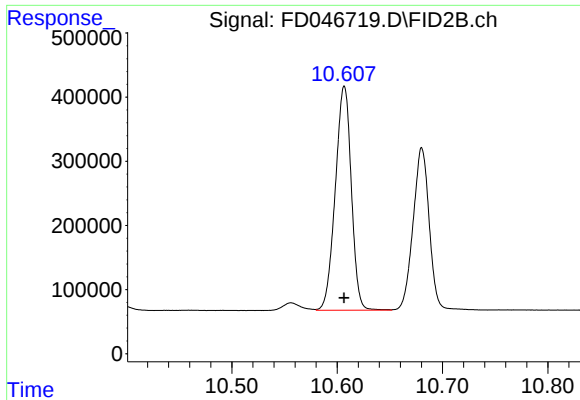
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 3977650
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

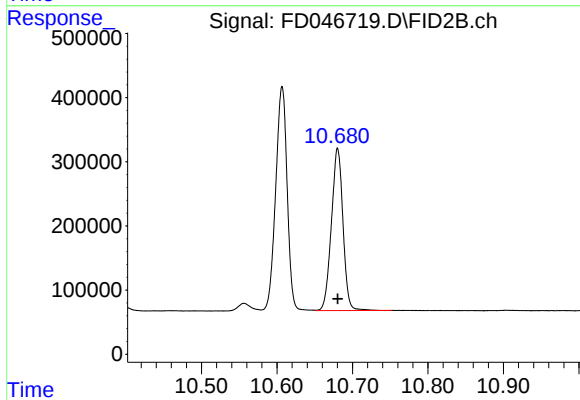
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 3814089
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

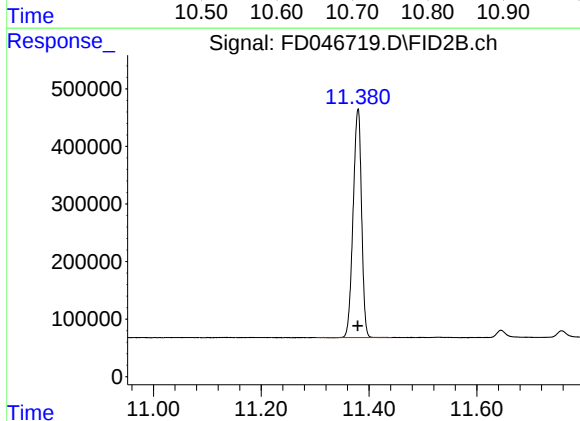
R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 3692432
Conc: 20.00 ug/ml

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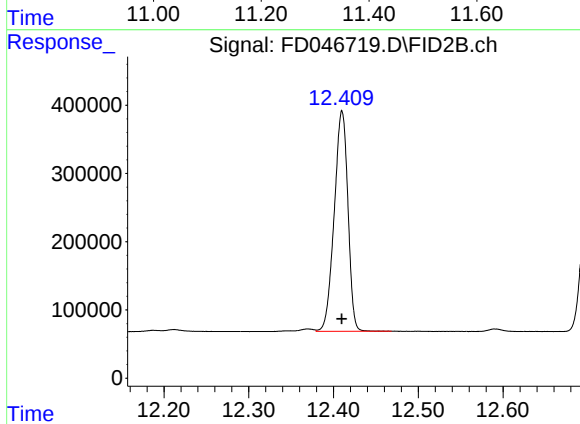
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 2697075
Conc: 20.00 ug/ml



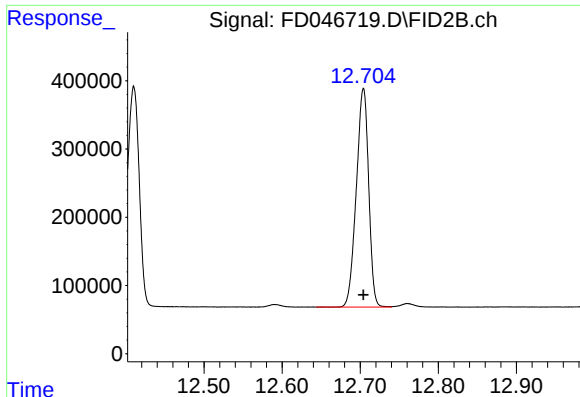
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.000 min
Response: 4315120
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

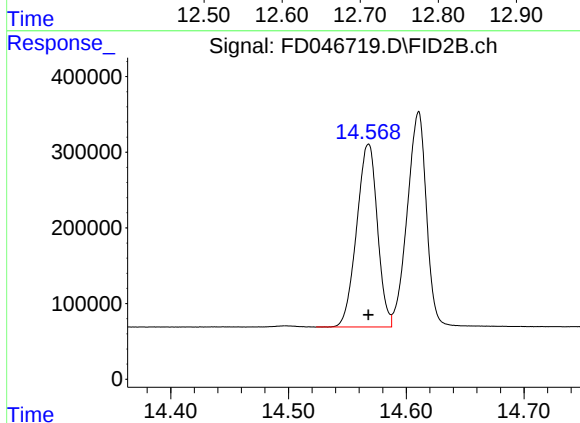
R.T.: 12.410 min
Delta R.T.: 0.000 min
Response: 3625087
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

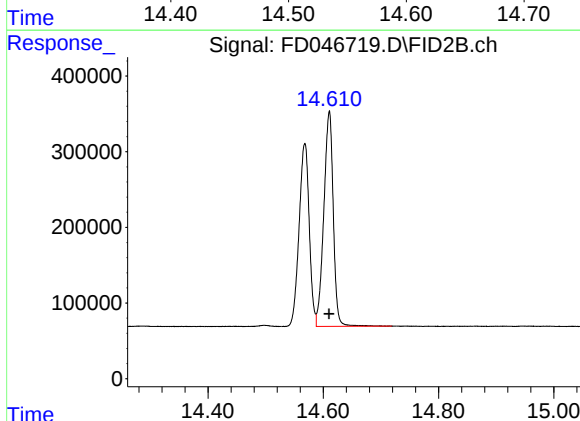
R.T.: 12.704 min
Delta R.T.: 0.000 min
Response: 3520188
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



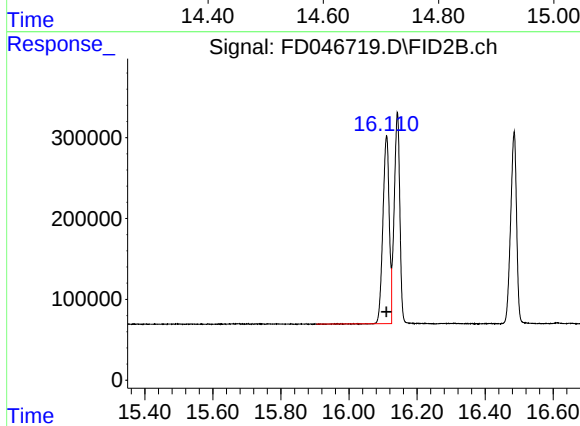
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.000 min
Response: 2955968
Conc: 20.00 ug/ml



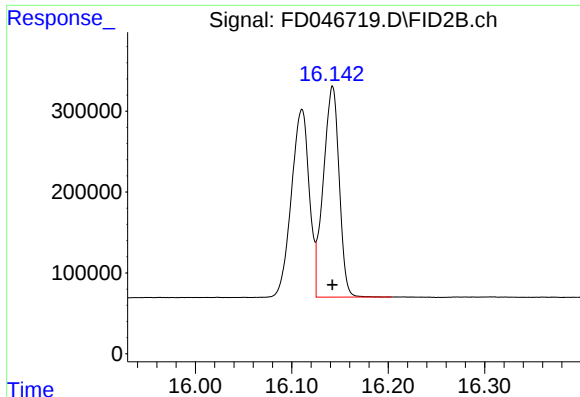
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 3245268
Conc: 20.00 ug/ml



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

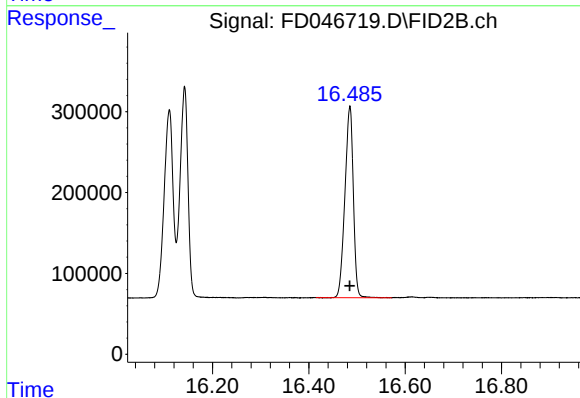
R.T.: 16.110 min
Delta R.T.: 0.000 min
Response: 2995239
Conc: 20.00 ug/ml



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

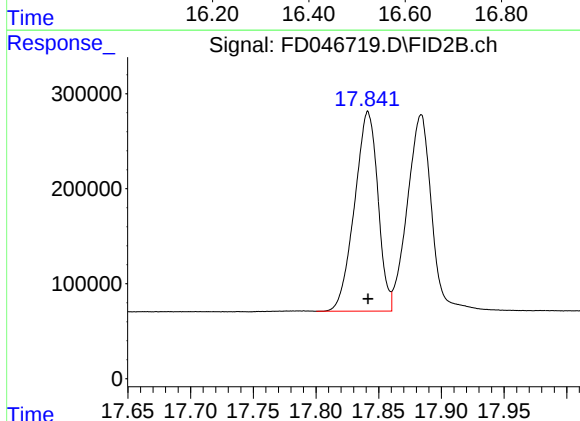
R.T.: 16.142 min
Delta R.T.: 0.000 min
Response: 2990196
Conc: 20.00 ug/ml

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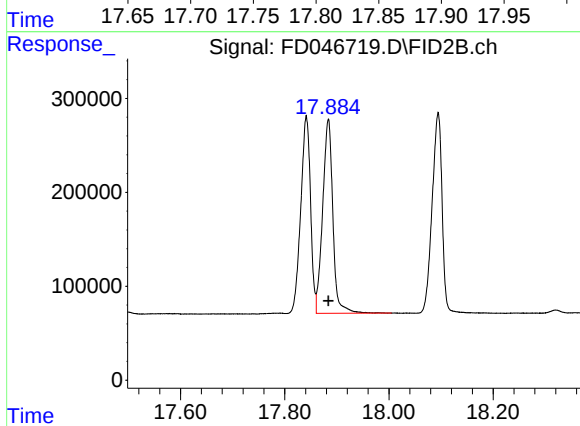
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.000 min
Response: 2876450
Conc: 20.00 ug/ml



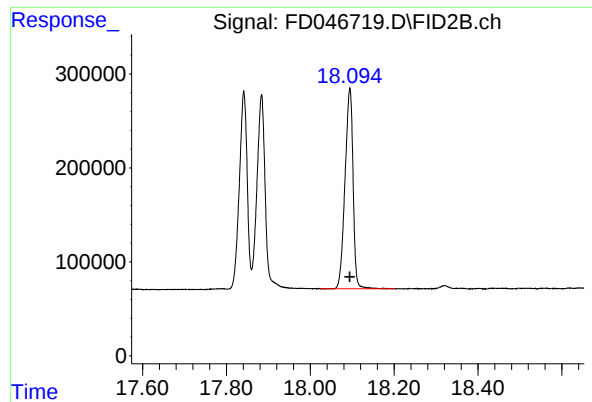
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.000 min
Response: 2724690
Conc: 20.00 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.000 min
Response: 2815293
Conc: 20.00 ug/ml



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

R.T.: 18.094 min
Delta R.T.: 0.000 min
Response: 2839969
Conc: 20.00 ug/ml

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