

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AR\
 Data File : FD045758.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 21:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 27 06:36:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:36:05 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...	7.537	3702946	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.393	2478841	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.433	4586086	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	4133845	20.000 ug/ml
2) T Naphthalene (C11.7)	5.876	4332006	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.926	4321676	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.197	3904998	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.492	4158412	20.000 ug/ml
8) T Fluorene (C16.55)	9.270	4080838	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.661	3928321	20.000 ug/ml
10) T Anthracene (C19.43)	10.735	3562600	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.465	3800050	20.000 ug/ml
13) T Pyrene (C20.8)	12.759	3686424	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.623	3219377	20.000 ug/ml
15) T Chrysene (C27.41)	14.666	3318754	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.164	3116551	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.197	3098202	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.539	3024505	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.895	2987592	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.939	3049361	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	3055970	20.000 ug/ml

(f)=RT Delta > 1/2 Window

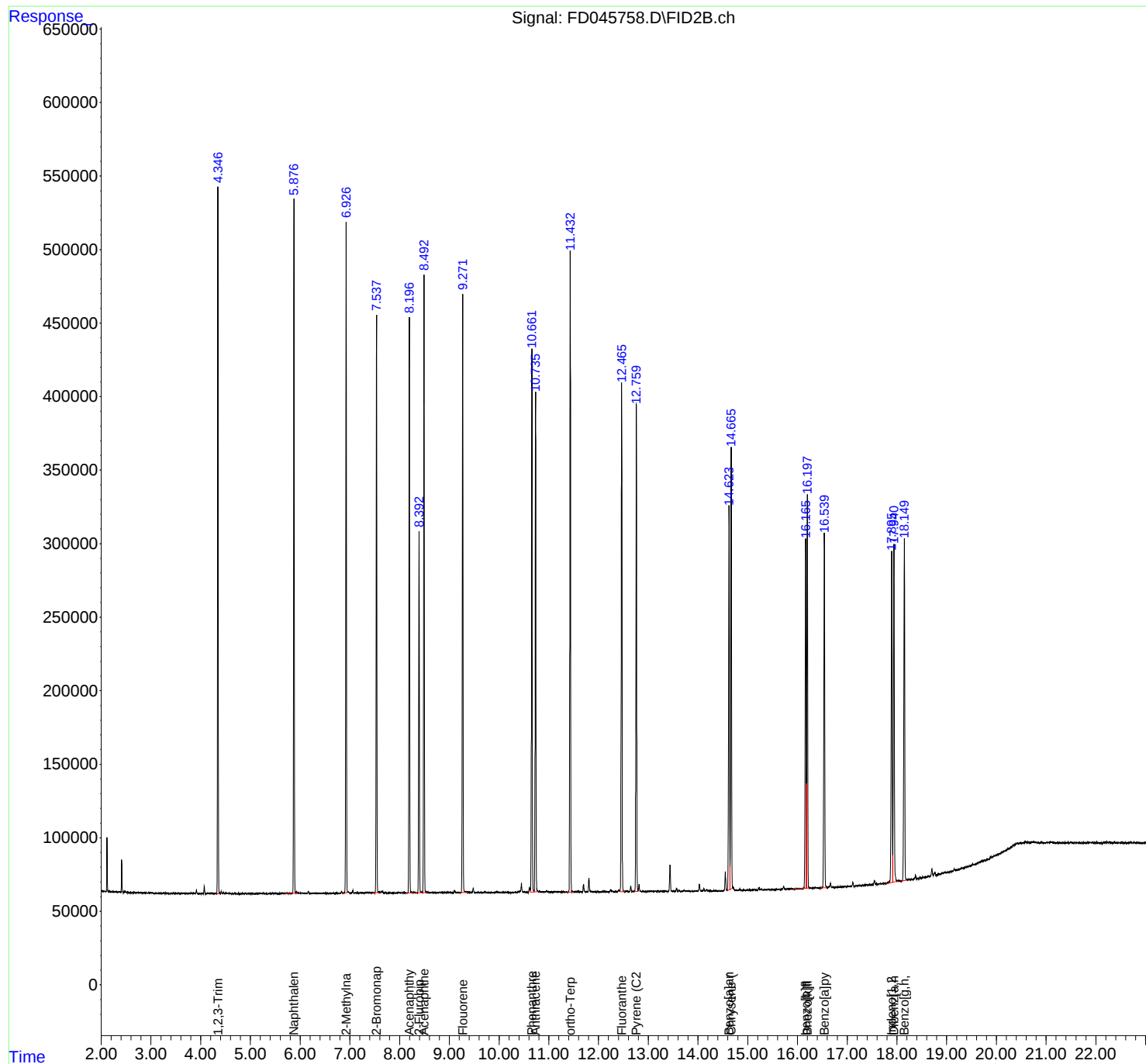
(m)=manual int.

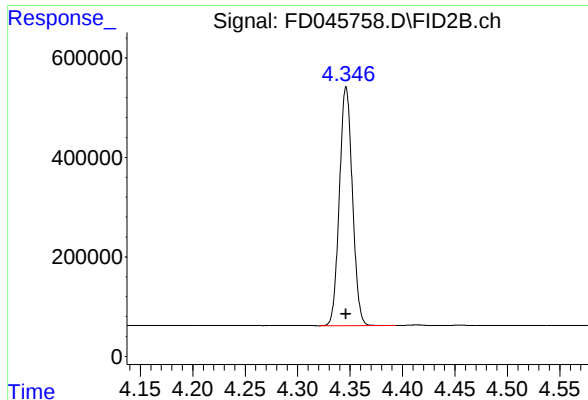
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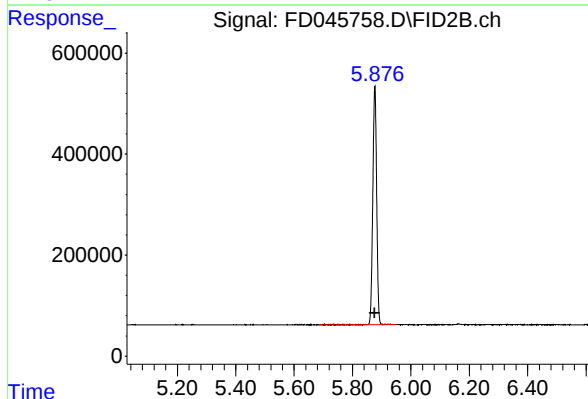




#1 1,2,3-Trimethylbenzene (C10.1)

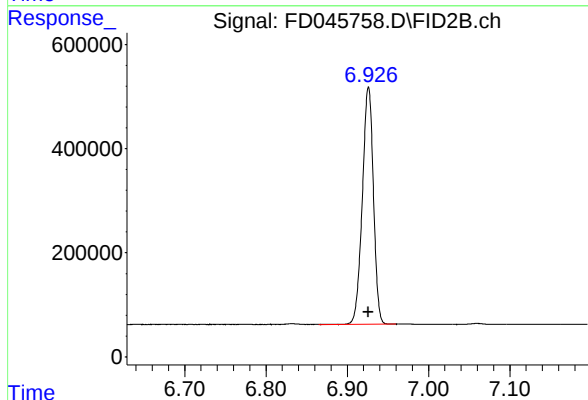
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 4133845
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



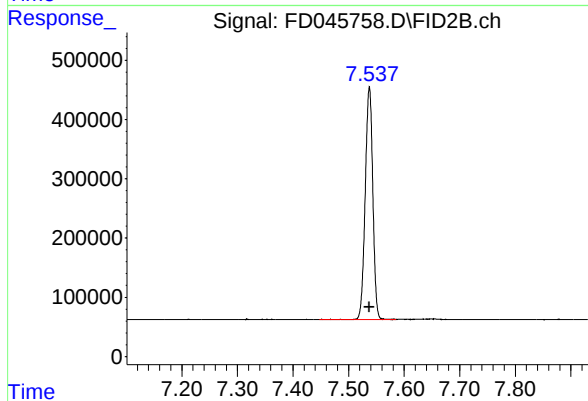
#2 Naphthalene (C11.7)

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 4332006
Conc: 20.00 ug/ml



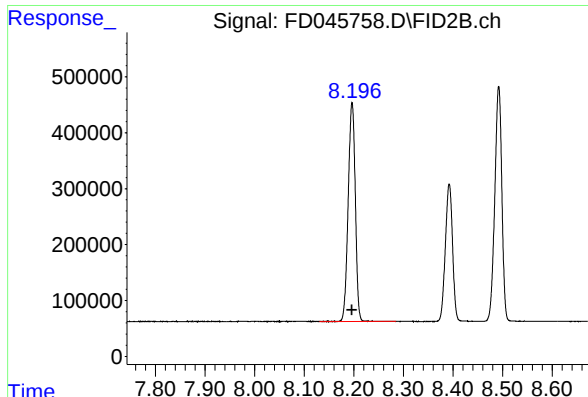
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 4321676
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

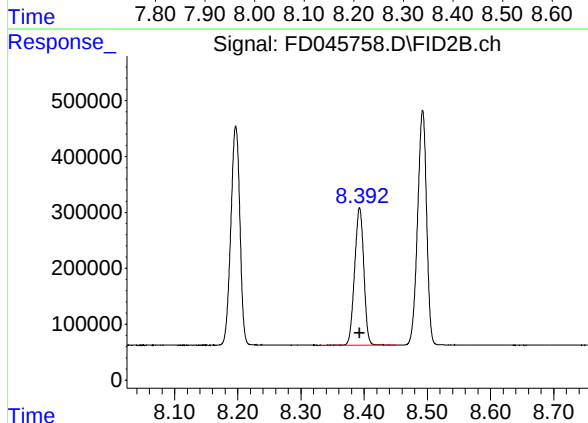
R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 3702946
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

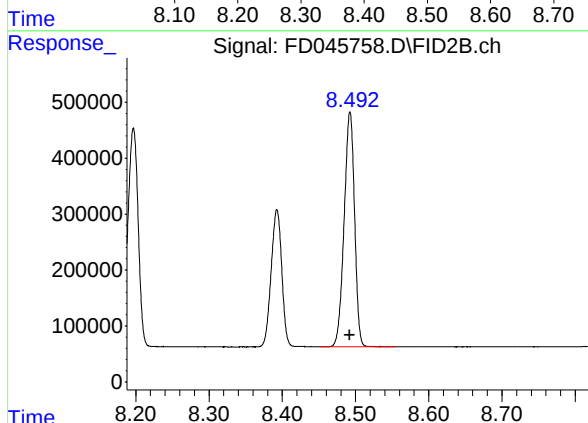
R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 3904998
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



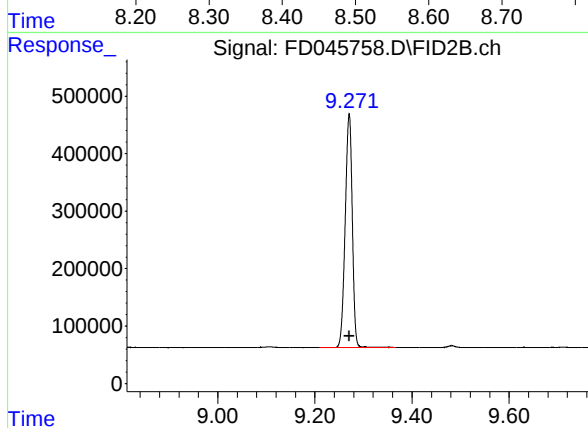
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 2478841
Conc: 20.00 ug/ml



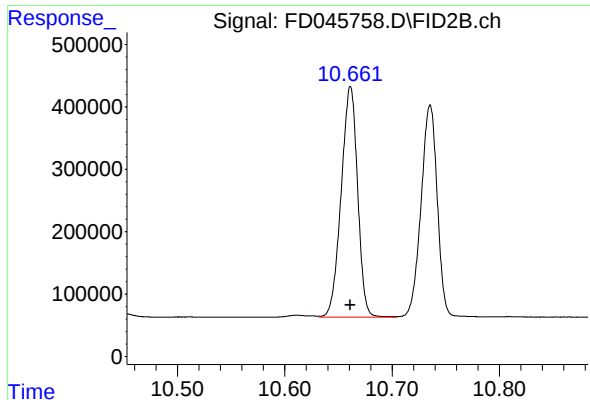
#7 Acenaphthene (C15.5)

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 4158412
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

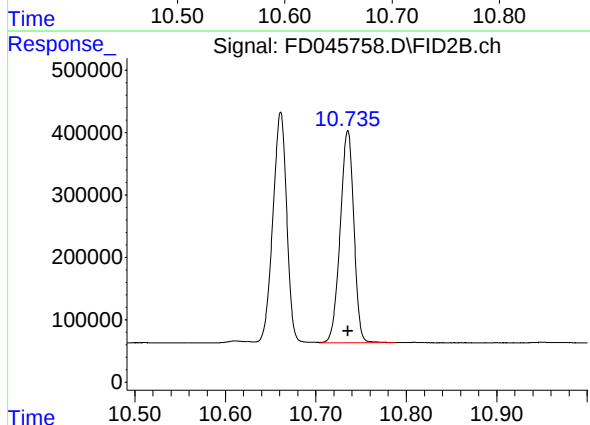
R.T.: 9.270 min
Delta R.T.: 0.000 min
Response: 4080838
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

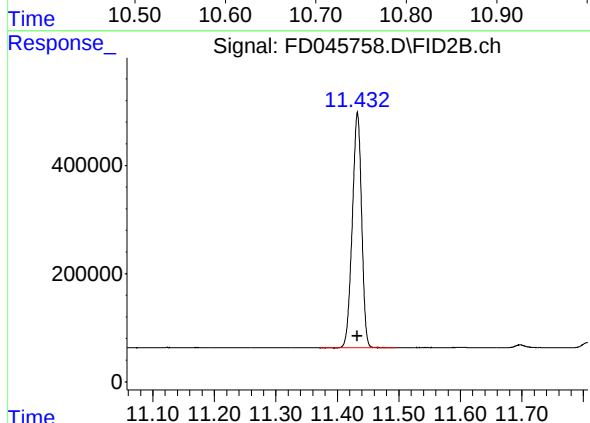
R.T.: 10.661 min
Delta R.T.: 0.000 min
Response: 3928321
Conc: 20.00 ug/ml

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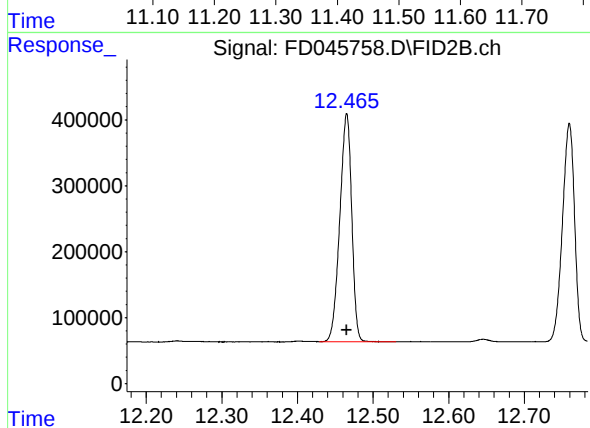
#10 Anthracene (C19.43)

R.T.: 10.735 min
Delta R.T.: 0.000 min
Response: 3562600
Conc: 20.00 ug/ml



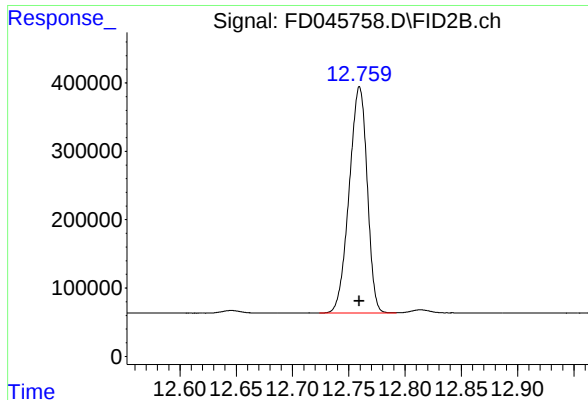
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: 0.000 min
Response: 4586086
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

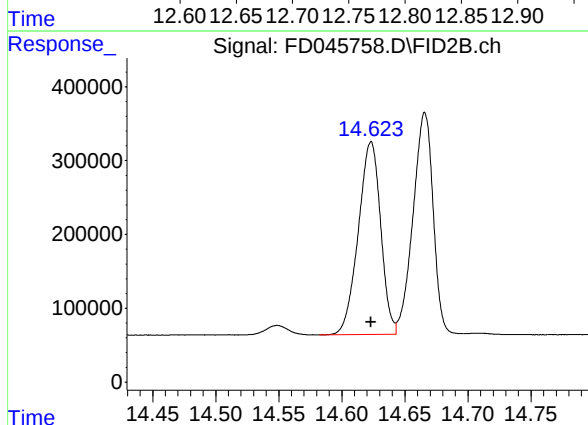
R.T.: 12.465 min
Delta R.T.: 0.000 min
Response: 3800050
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

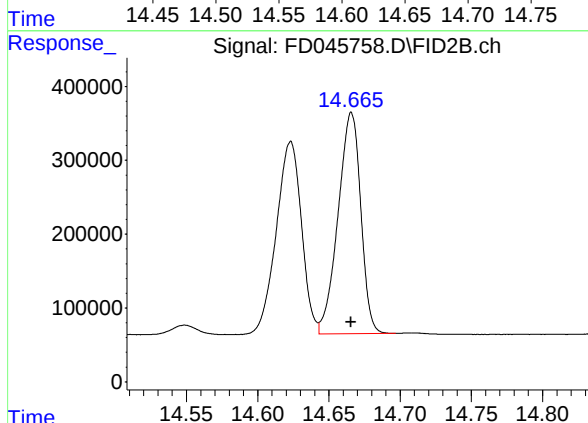
R.T.: 12.759 min
Delta R.T.: 0.000 min
Response: 3686424
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



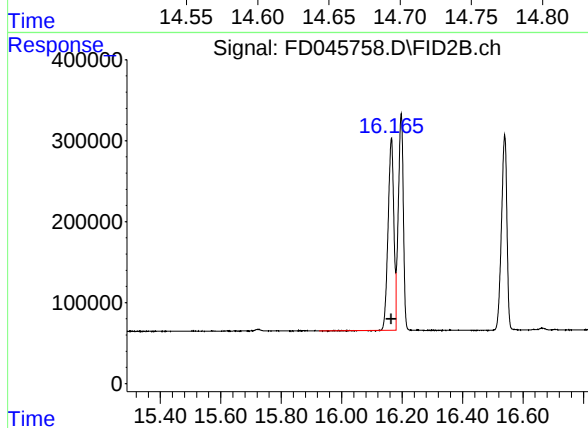
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.623 min
Delta R.T.: 0.000 min
Response: 3219377
Conc: 20.00 ug/ml



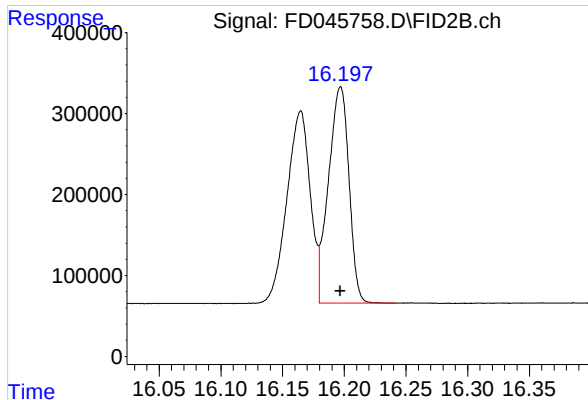
#15 Chrysene (C27.41)

R.T.: 14.666 min
Delta R.T.: 0.000 min
Response: 3318754
Conc: 20.00 ug/ml



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

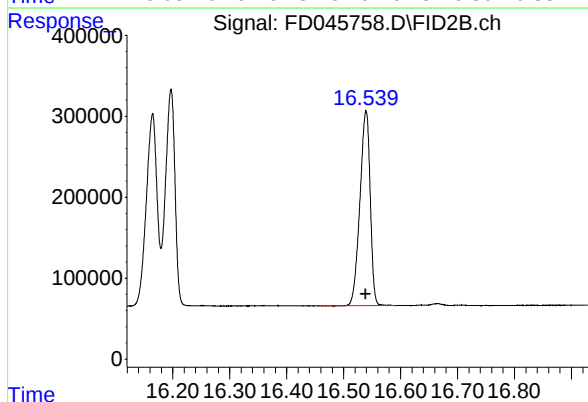
R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 3116551
Conc: 20.00 ug/ml



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

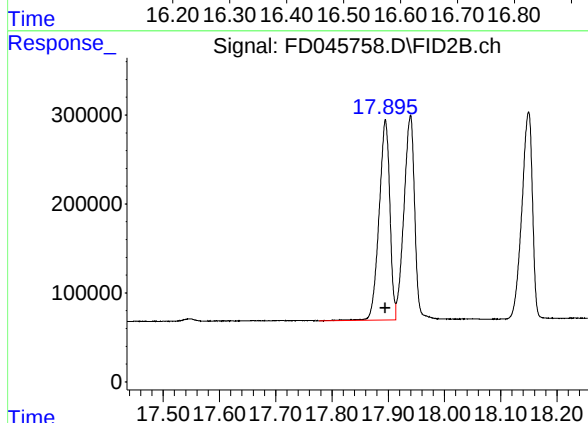
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 3098202
Conc: 20.00 ug/ml

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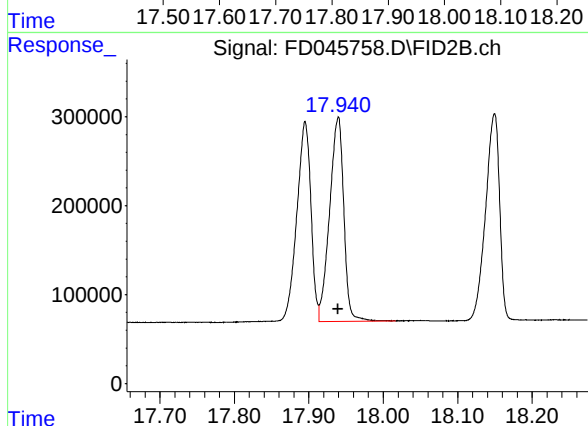
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.539 min
Delta R.T.: 0.000 min
Response: 3024505
Conc: 20.00 ug/ml



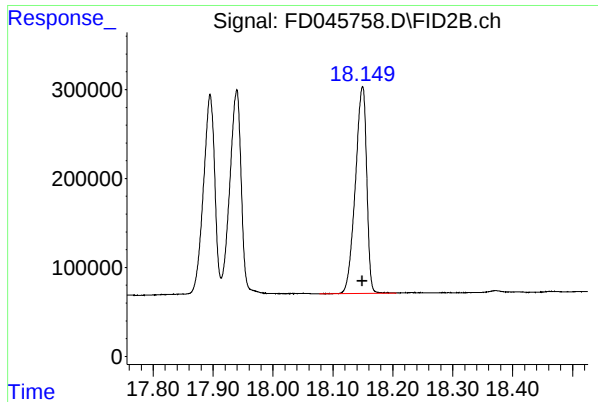
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 2987592
Conc: 20.00 ug/ml



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

R.T.: 17.939 min
Delta R.T.: 0.000 min
Response: 3049361
Conc: 20.00 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.000 min
Response: 3055970
Conc: 20.00 ug/ml

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