

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045586.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 13:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 05 02:36:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.544	2916340	20.172 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
6) S 2-Fluorobiphenyl (SURR)	8.401	1882439	20.187 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.37%
11) S ortho-Terphenyl (SURR)	11.439	3653500	20.414 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3350851	19.999 ug/ml
2) T Naphthalene (C11.7)	5.884	3434685	20.069 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	3421084	20.221 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3030310	20.031 ug/ml
7) T Acenaphthene (C15.5)	8.500	3271361	20.177 ug/ml
8) T Fluorene (C16.55)	9.278	3099848	20.124 ug/ml
9) T Phenanthrene (C19.36)	10.668	3024844	20.278 ug/ml
10) T Anthracene (C19.43)	10.742	2422484	18.754 ug/ml
12) T Fluoranthene (C21.85)	12.473	2971115	20.187 ug/ml
13) T Pyrene (C20.8)	12.767	2942677	20.514 ug/ml
14) T Benzo[a]anthracene (C...	14.632	2616394	19.966 ug/ml
15) T Chrysene (C27.41)	14.673	2798496	20.500 ug/ml
16) T benzo[b]fluoranthene ...	16.173	2720316	20.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	2670641	19.964 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.548	2488280	19.446 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	2239083	17.825 ug/ml
20) T Dibenz[a,h]anthracene...	17.946	2221823	16.310 ug/ml
21) T Benzo[g,h,i]perylene ...	18.157	2479241	18.924 ug/ml

(f)=RT Delta > 1/2 Window

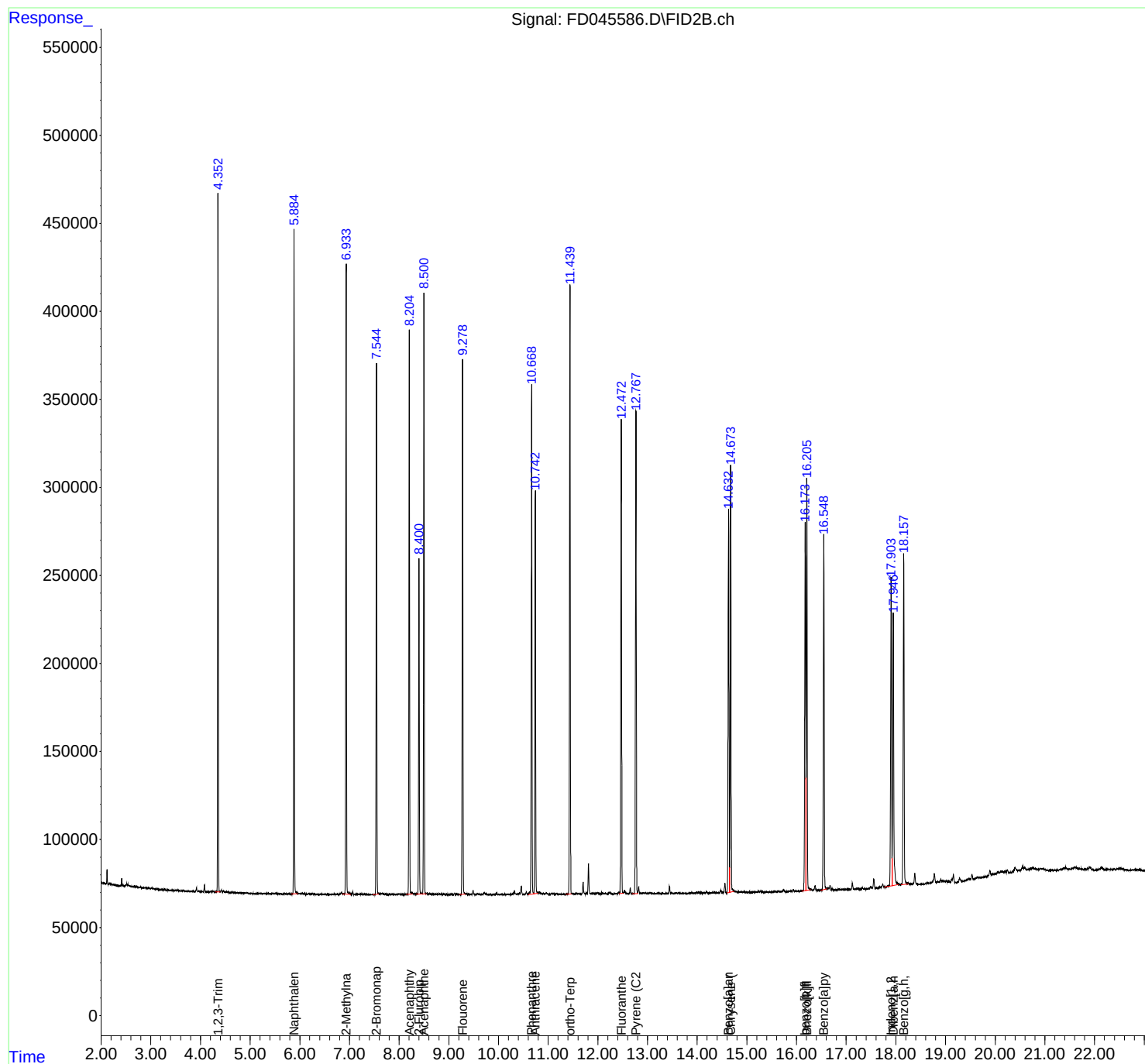
(m)=manual int.

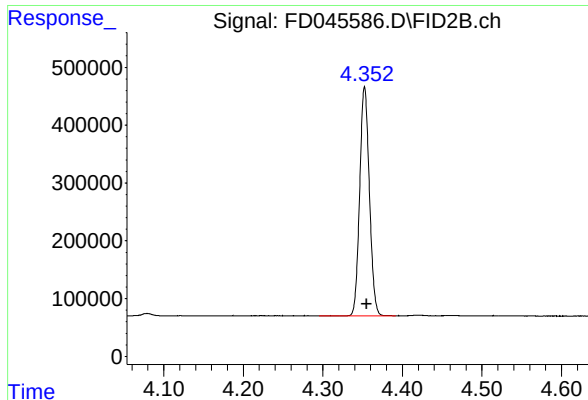
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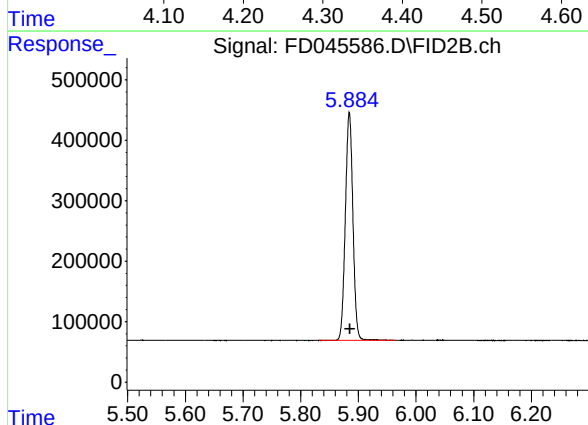




#1 1,2,3-Trimethylbenzene (C10.1)

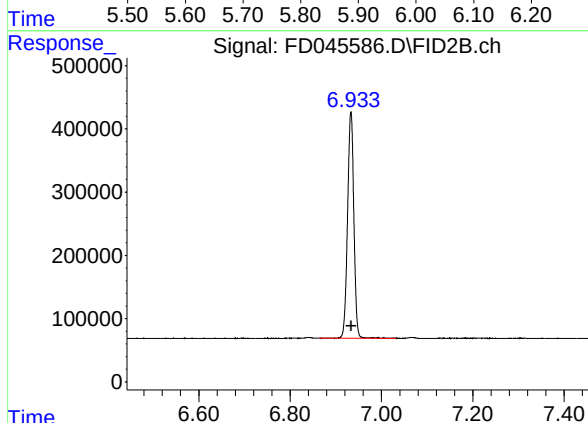
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 3350851
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



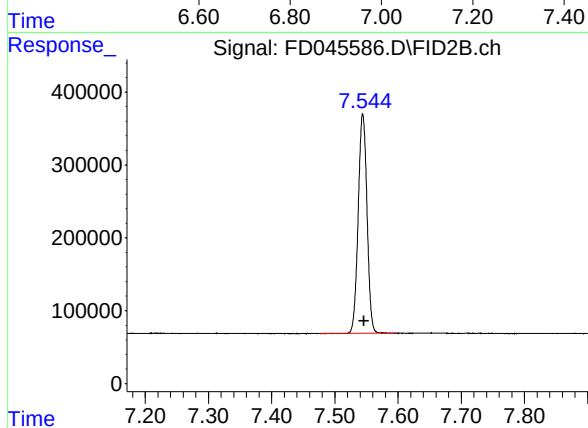
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.001 min
Response: 3434685
Conc: 20.07 ug/ml



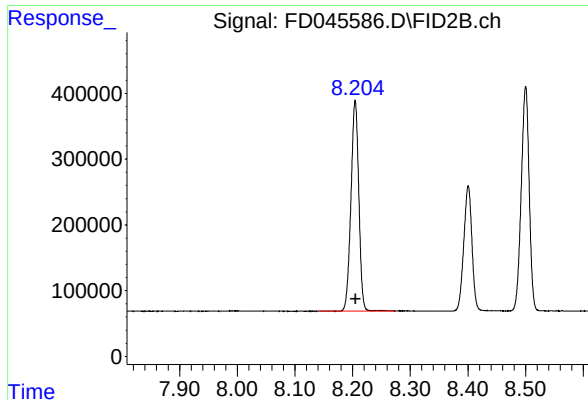
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: -0.001 min
Response: 3421084
Conc: 20.22 ug/ml



#4 2-Bromonaphthalene (SURR)

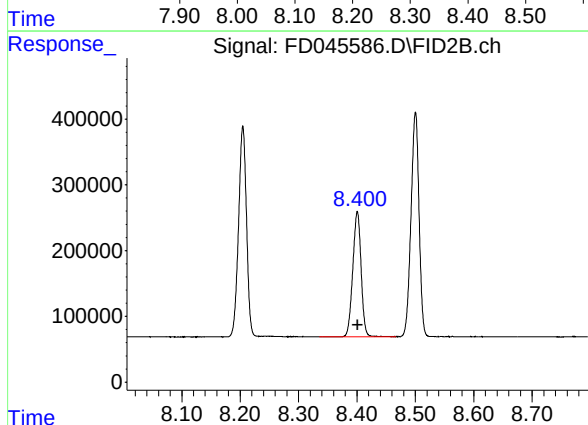
R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 2916340
Conc: 20.17 ug/ml



#5 Acenaphthylene (C15.06)

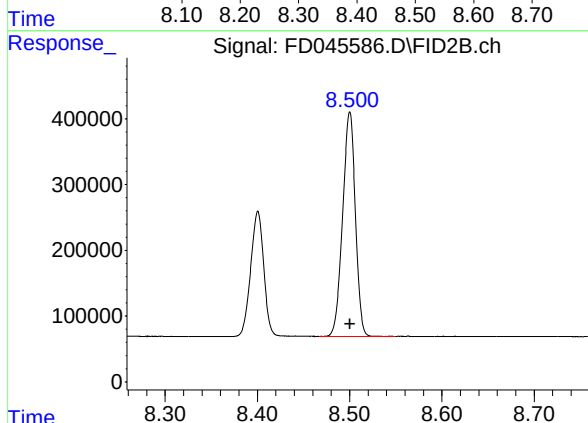
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 3030310
Conc: 20.03 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



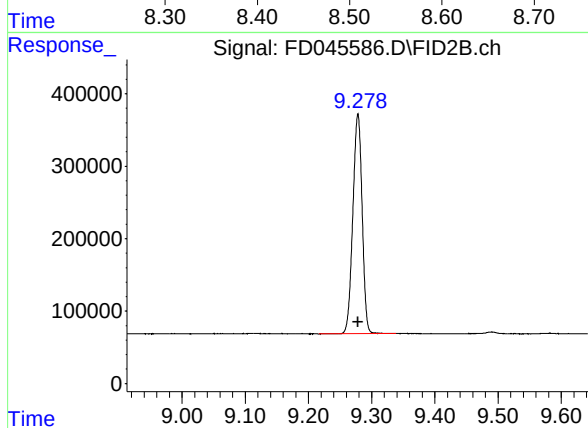
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 1882439
Conc: 20.19 ug/ml



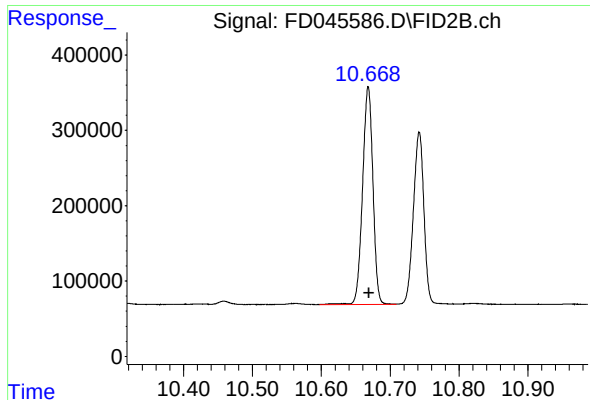
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 3271361
Conc: 20.18 ug/ml



#8 Flouorene (C16.55)

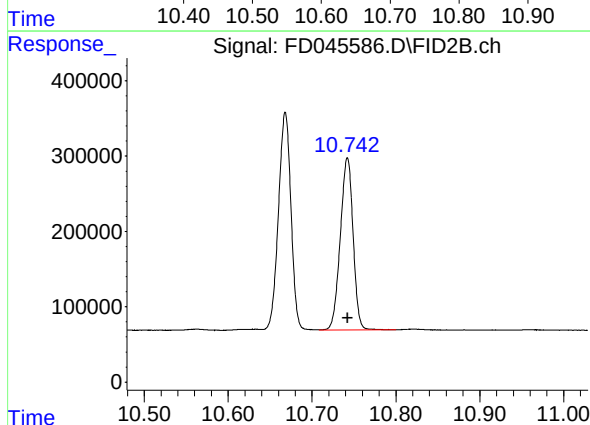
R.T.: 9.278 min
Delta R.T.: 0.000 min
Response: 3099848
Conc: 20.12 ug/ml



#9 Phenanthrene (C19.36)

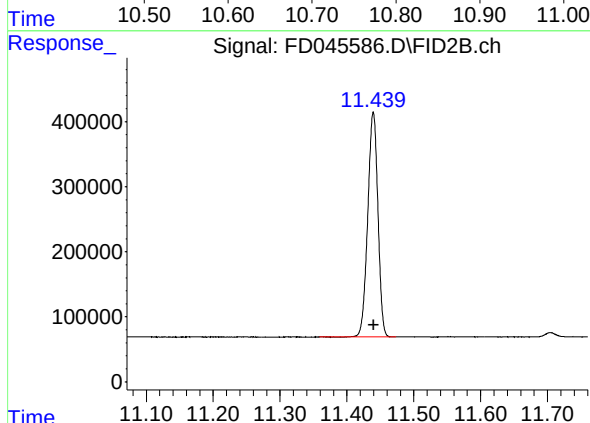
R.T.: 10.668 min
Delta R.T.: -0.001 min
Response: 3024844
Conc: 20.28 ug/ml

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20 PPM AROMATIC HC STD



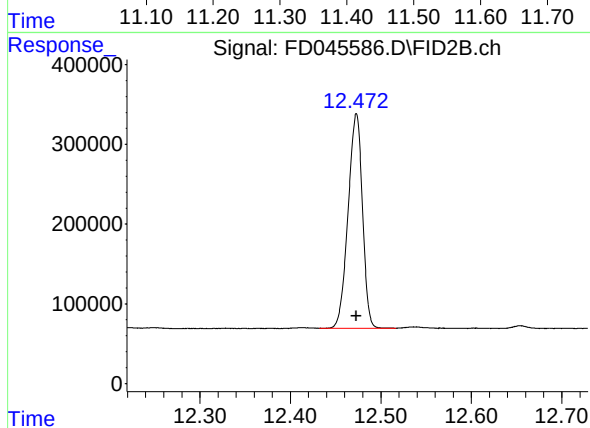
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 2422484
Conc: 18.75 ug/ml



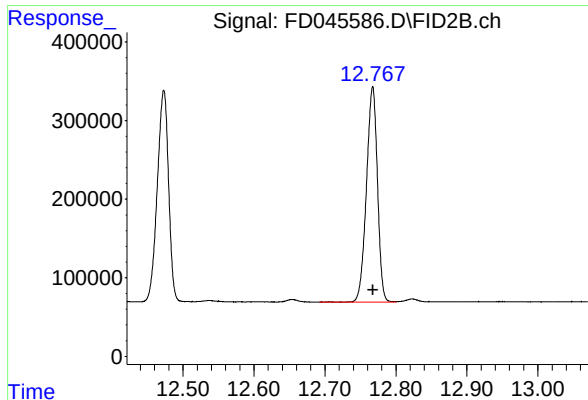
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.000 min
Response: 3653500
Conc: 20.41 ug/ml



#12 Fluoranthene (C21.85)

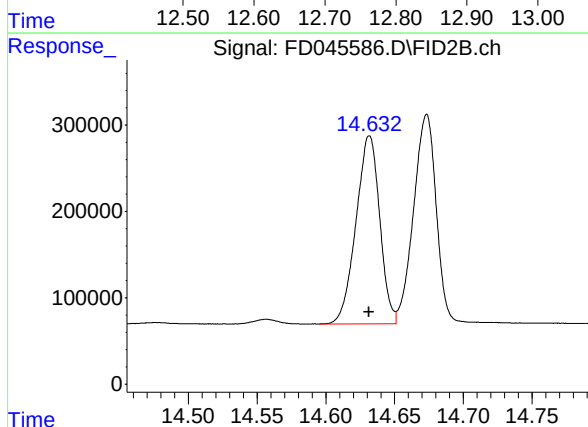
R.T.: 12.473 min
Delta R.T.: 0.000 min
Response: 2971115
Conc: 20.19 ug/ml



#13 Pyrene (C20.8)

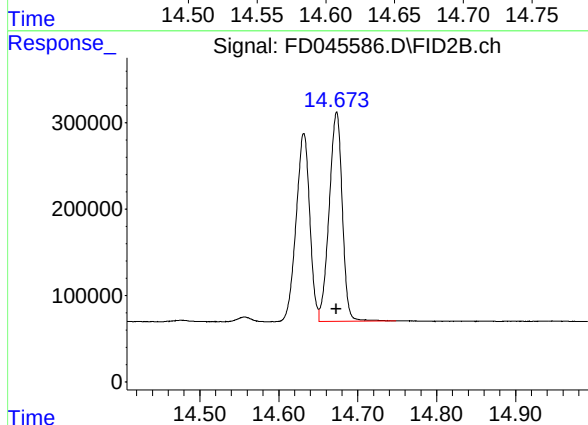
R.T.: 12.767 min
Delta R.T.: 0.000 min
Response: 2942677
Conc: 20.51 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



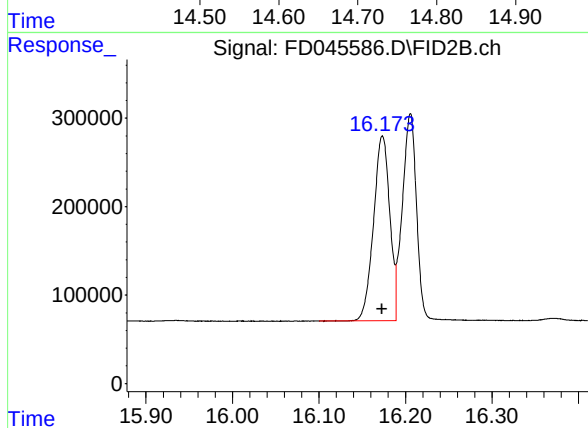
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: 0.000 min
Response: 2616394
Conc: 19.97 ug/ml



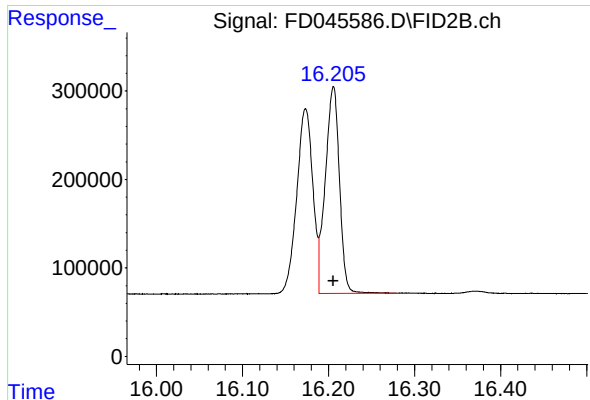
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2798496
Conc: 20.50 ug/ml



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

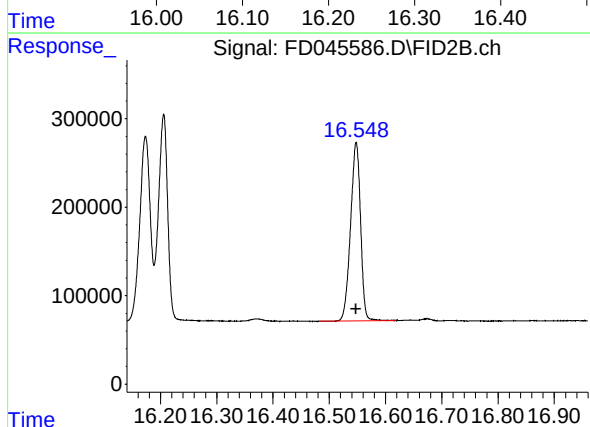
R.T.: 16.173 min
Delta R.T.: 0.000 min
Response: 2720316
Conc: 20.37 ug/ml



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

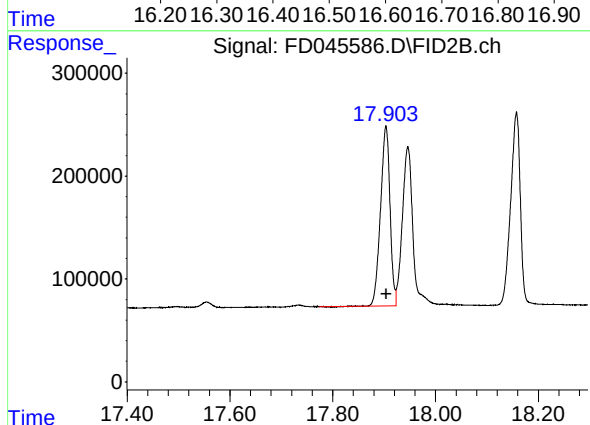
R.T.: 16.205 min
Delta R.T.: 0.000 min
Response: 2670641
Conc: 19.96 ug/ml

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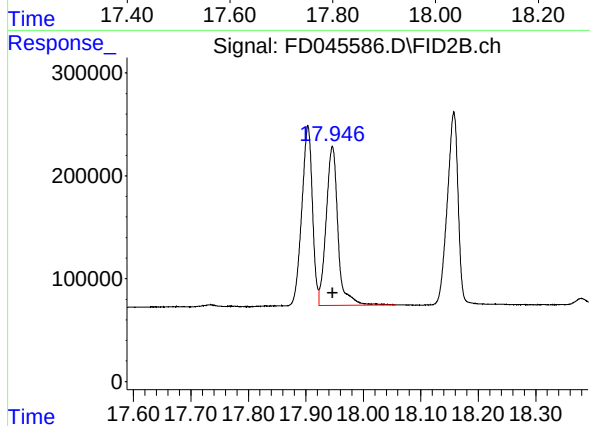
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.548 min
Delta R.T.: 0.000 min
Response: 2488280
Conc: 19.45 ug/ml



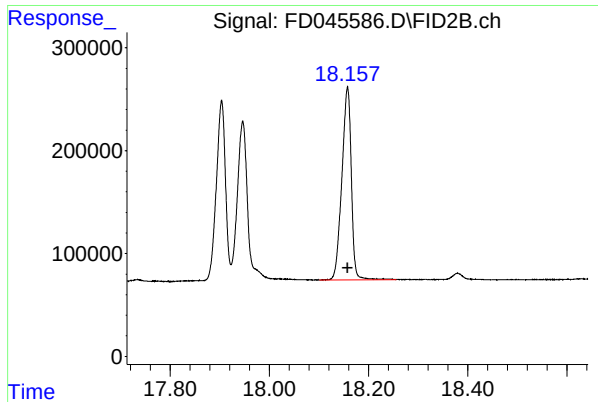
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.903 min
Delta R.T.: 0.000 min
Response: 2239083
Conc: 17.82 ug/ml



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

R.T.: 17.946 min
Delta R.T.: 0.000 min
Response: 2221823
Conc: 16.31 ug/ml



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

R.T.: 18.157 min
Delta R.T.: 0.000 min
Response: 2479241
Conc: 18.92 ug/ml

Instrument :

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