

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032823AR\
 Data File : FD045357.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 17:56
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:49:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:49:14 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...	7.555	12799952	97.267 ug/ml
Spiked Amount 50.000		Recovery =	194.53%
6) S 2-Fluorobiphenyl (SURR)	8.412	8514370	98.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.43%#
11) S ortho-Terphenyl (SURR)	11.454	16030357	96.976 ug/ml
Spiked Amount 50.000		Recovery =	193.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	14254455	96.439 ug/ml
2) T Naphthalene (C11.7)	5.895	14806564	96.764 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	14854726	96.966 ug/ml
5) T Acenaphthylene (C15.06)	8.217	13685009	97.544 ug/ml
7) T Acenaphthene (C15.5)	8.515	14518568	97.457 ug/ml
8) T Fluorene (C16.55)	9.293	14085194	98.092 ug/ml
9) T Phenanthrene (C19.36)	10.685	13706171	98.175 ug/ml
10) T Anthracene (C19.43)	10.761	13134258	98.287 ug/ml
12) T Fluoranthene (C21.85)	12.492	13491633	97.960 ug/ml
13) T Pyrene (C20.8)	12.788	13182176	97.922 ug/ml
14) T Benzo[a]anthracene (C...	14.653	12017551	97.766 ug/ml
15) T Chrysene (C27.41)	14.700	12284622	97.406 ug/ml
16) T benzo[b]fluoranthene ...	16.198	12201655	98.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.238	11606609	95.028 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.578	11731251	97.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.937	11302262	98.680 ug/ml
20) T Dibenz[a,h]anthracene...	17.979	10540322	95.177 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.197	11423885	96.175 ug/ml

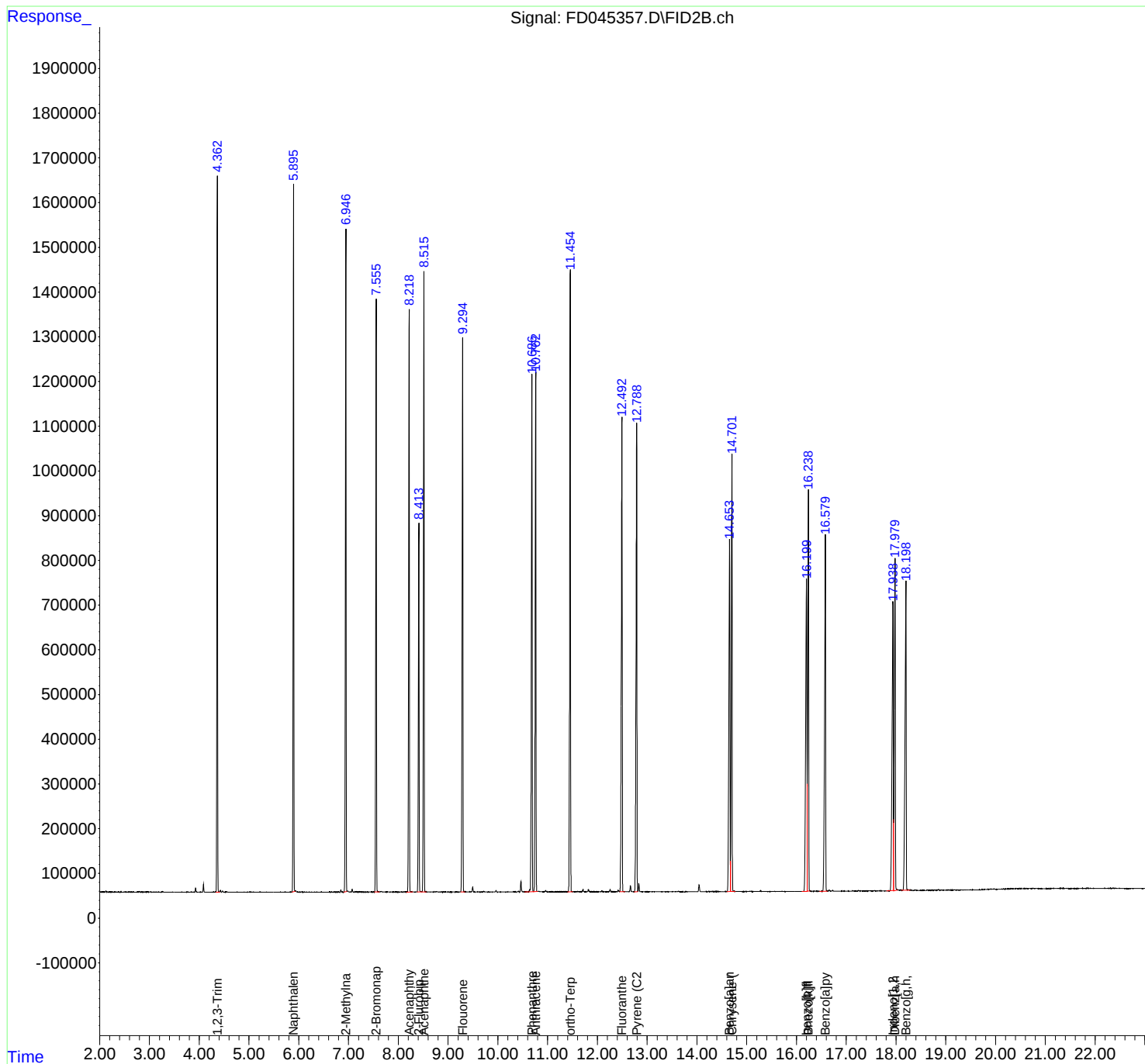
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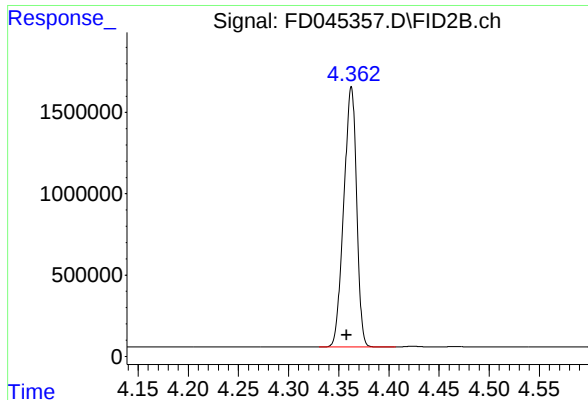
(m)=manual int.

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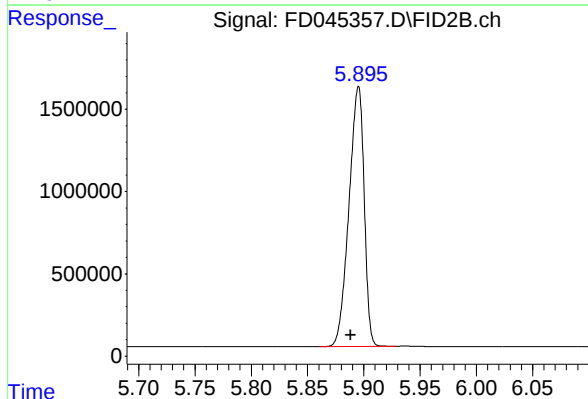
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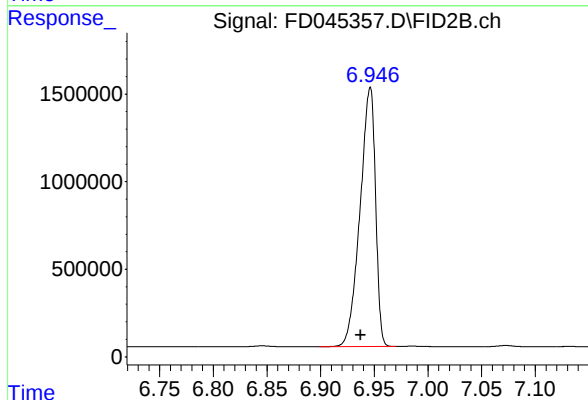
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: 0.004 min
Response: 14254455
Conc: 96.44 ug/ml



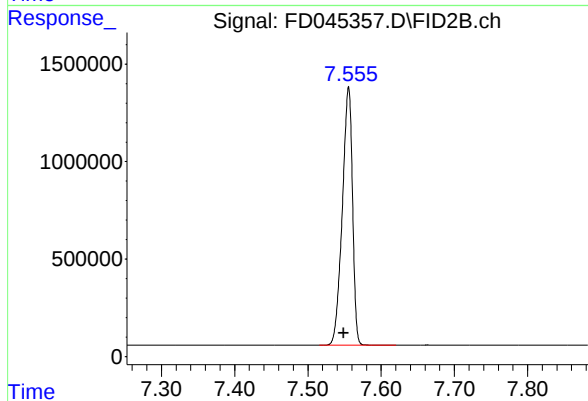
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: 0.006 min
Response: 14806564
Conc: 96.76 ug/ml



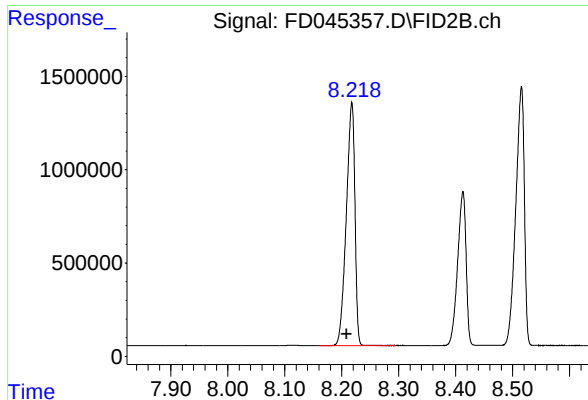
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: 0.008 min
Response: 14854726
Conc: 96.97 ug/ml



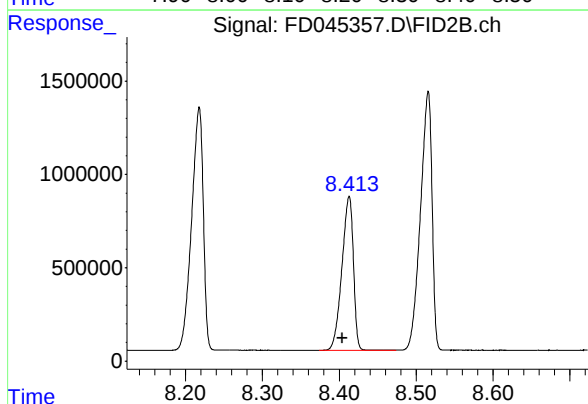
#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: 0.006 min
Response: 12799952
Conc: 97.27 ug/ml



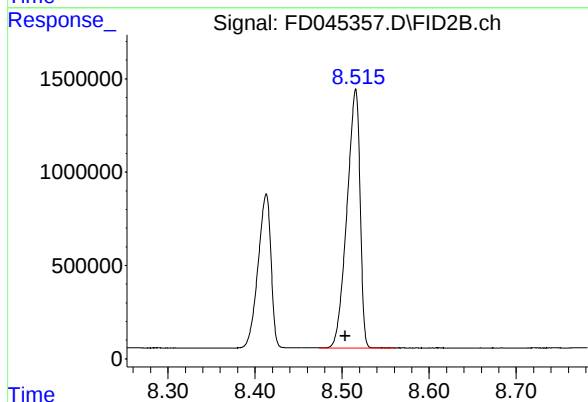
#5 Acenaphthylene (C15.06)

R.T.: 8.217 min
Delta R.T.: 0.009 min
Response: 13685009
Conc: 97.54 ug/ml



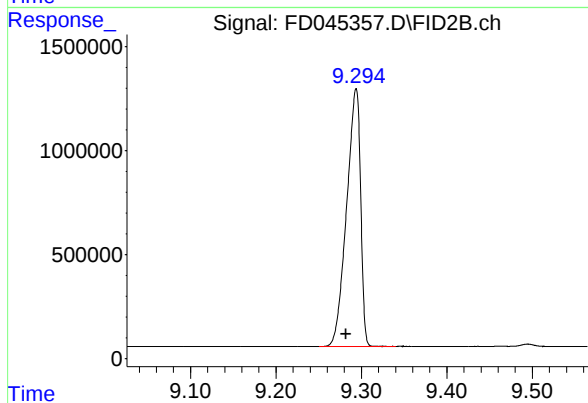
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: 0.008 min
Response: 8514370
Conc: 98.22 ug/ml



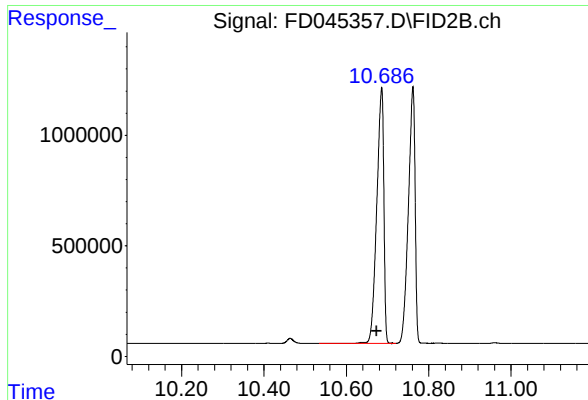
#7 Acenaphthene (C15.5)

R.T.: 8.515 min
Delta R.T.: 0.011 min
Response: 14518568
Conc: 97.46 ug/ml



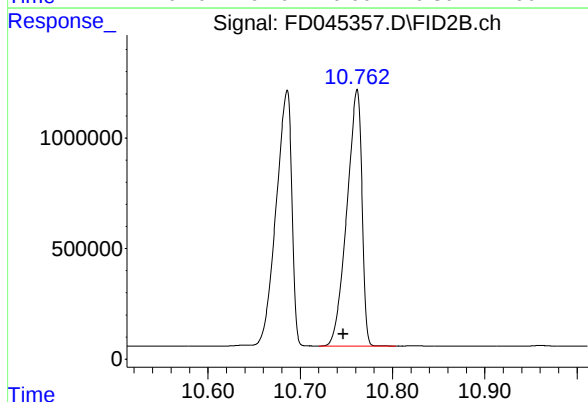
#8 Flouorene (C16.55)

R.T.: 9.293 min
Delta R.T.: 0.011 min
Response: 14085194
Conc: 98.09 ug/ml



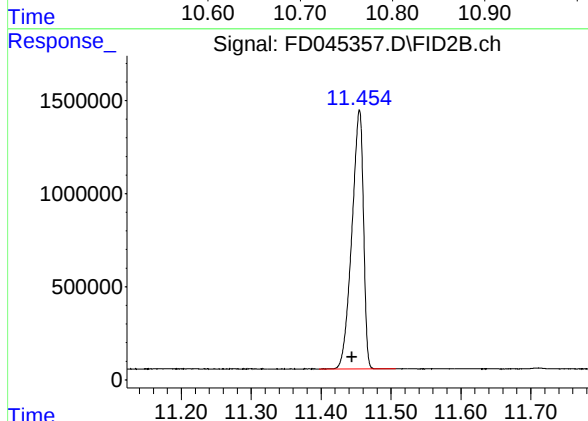
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: 0.011 min
Response: 13706171
Conc: 98.17 ug/ml



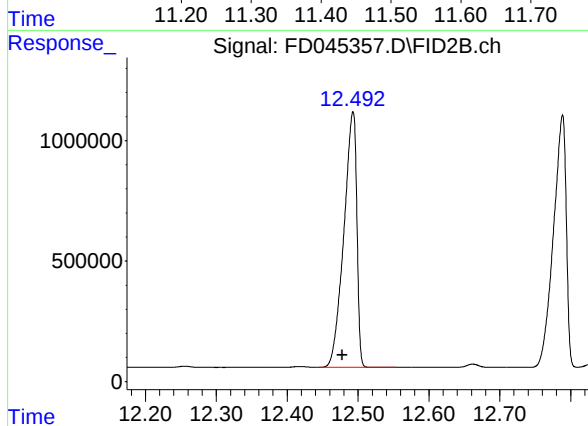
#10 Anthracene (C19.43)

R.T.: 10.761 min
Delta R.T.: 0.014 min
Response: 13134258
Conc: 98.29 ug/ml



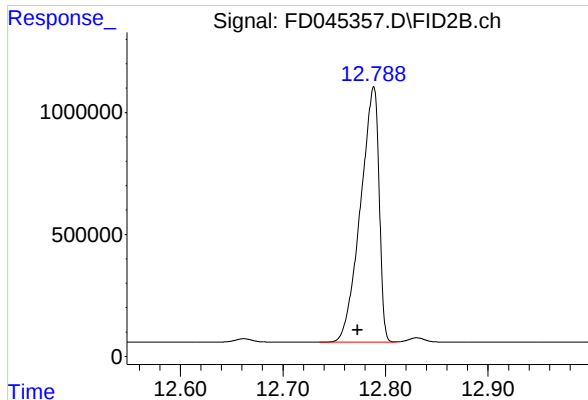
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: 0.010 min
Response: 16030357
Conc: 96.98 ug/ml



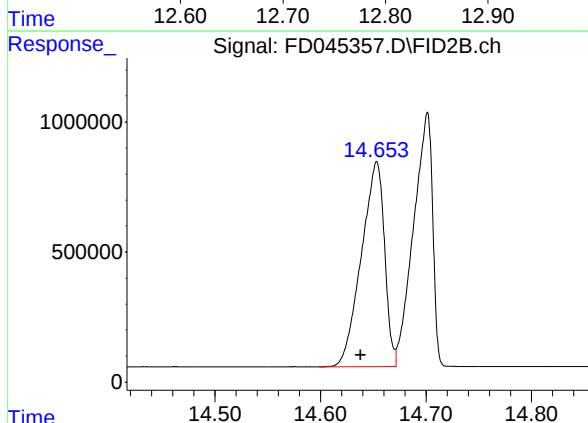
#12 Fluoranthene (C21.85)

R.T.: 12.492 min
Delta R.T.: 0.014 min
Response: 13491633
Conc: 97.96 ug/ml



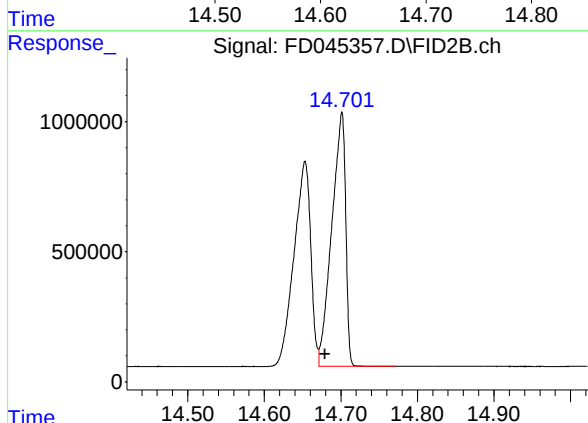
#13 Pyrene (C20.8)

R.T.: 12.788 min
Delta R.T.: 0.015 min
Response: 13182176
Conc: 97.92 ug/ml



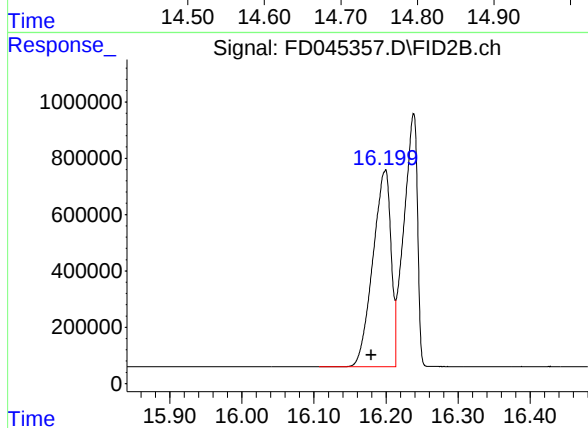
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.015 min
Response: 12017551
Conc: 97.77 ug/ml



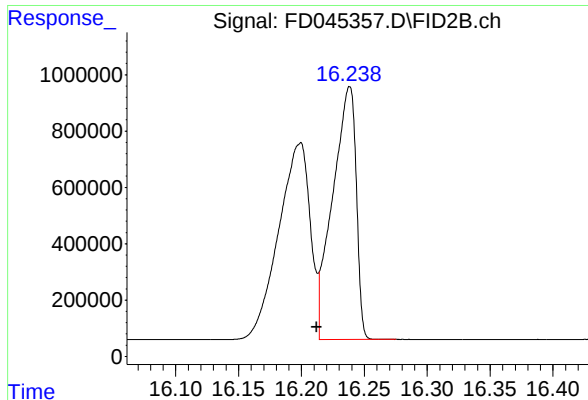
#15 Chrysene (C27.41)

R.T.: 14.700 min
Delta R.T.: 0.021 min
Response: 12284622
Conc: 97.41 ug/ml



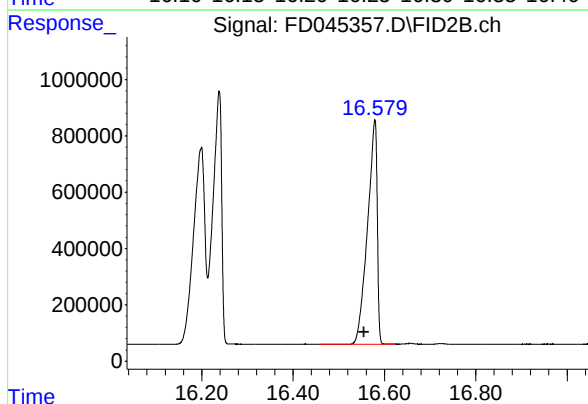
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min
Delta R.T.: 0.019 min
Response: 12201655
Conc: 98.07 ug/ml



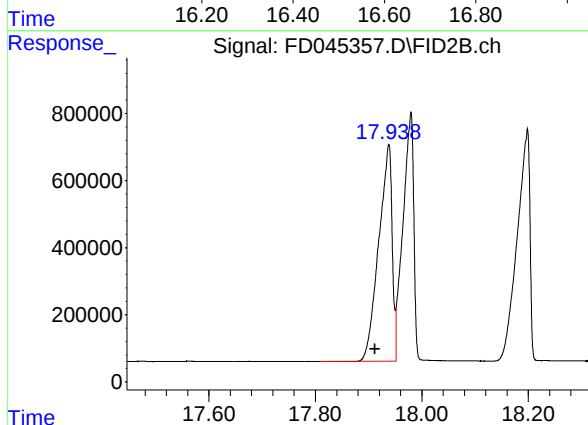
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.238 min
Delta R.T.: 0.026 min
Response: 11606609
Conc: 95.03 ug/ml m



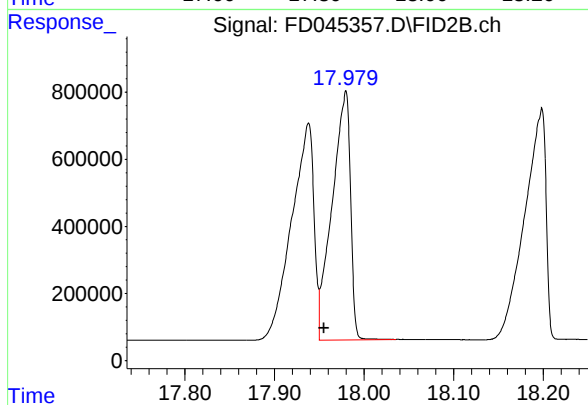
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.578 min
Delta R.T.: 0.023 min
Response: 11731251
Conc: 97.39 ug/ml



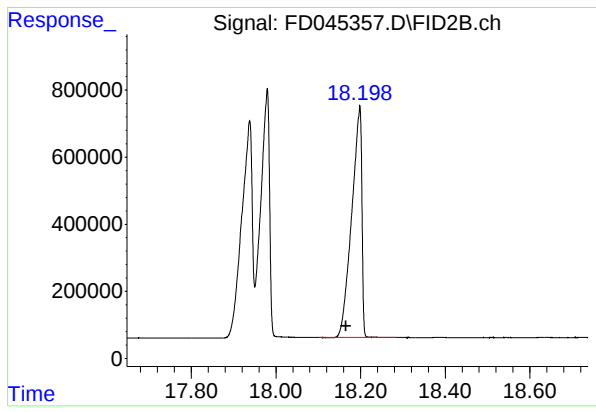
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.937 min
Delta R.T.: 0.025 min
Response: 11302262
Conc: 98.68 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.024 min
Response: 10540322
Conc: 95.18 ug/ml m



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

R.T.: 18.197 min
Delta R.T.: 0.031 min
Response: 11423885
Conc: 96.17 ug/ml