

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030323AR\
 Data File : FD045227.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2023 10:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 11:38:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.552	2766354	20.385 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
6) S 2-Fluorobiphenyl (SURR)	8.407	1830696	20.447 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.89%
11) S ortho-Terphenyl (SURR)	11.447	3406671	20.466 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	3072581	20.288 ug/ml
2) T Naphthalene (C11.7)	5.892	3220367	20.385 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3227717	20.311 ug/ml
5) T Acenaphthylene (C15.06)	8.211	2922265	20.380 ug/ml
7) T Acenaphthene (C15.5)	8.507	3102332	20.468 ug/ml
8) T Fluorene (C16.55)	9.285	3016086	20.485 ug/ml
9) T Phenanthrene (C19.36)	10.675	2923195	20.474 ug/ml
10) T Anthracene (C19.43)	10.750	2785621	19.879 ug/ml
12) T Fluoranthene (C21.85)	12.480	2870520	20.549 ug/ml
13) T Pyrene (C20.8)	12.776	2784477	20.447 ug/ml
14) T Benzo[a]anthracene (C...	14.640	2565017	20.122 ug/ml
15) T Chrysene (C27.41)	14.681	2623544	20.130 ug/ml
16) T benzo[b]fluoranthene ...	16.183	2620401	20.326 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	2577648	20.420 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2554048	20.293 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	2455074	20.522 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	2463305	20.422 ug/ml
21) T Benzo[g,h,i]perylene ...	18.168	2552575	20.515 ug/ml

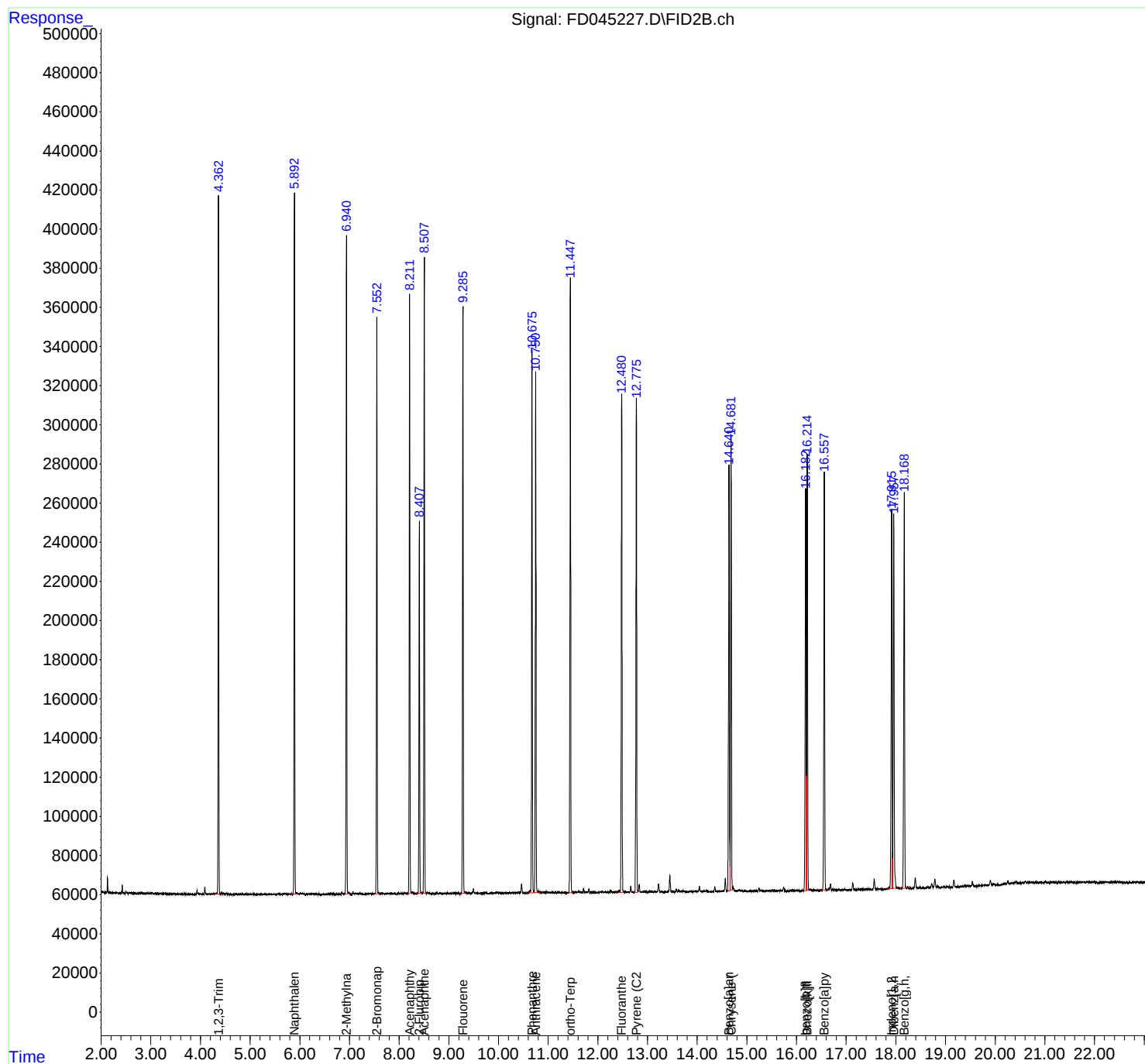
(f)=RT Delta > 1/2 Window

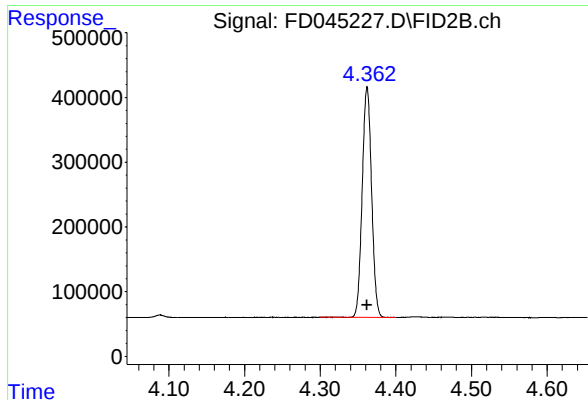
(m)=manual int.

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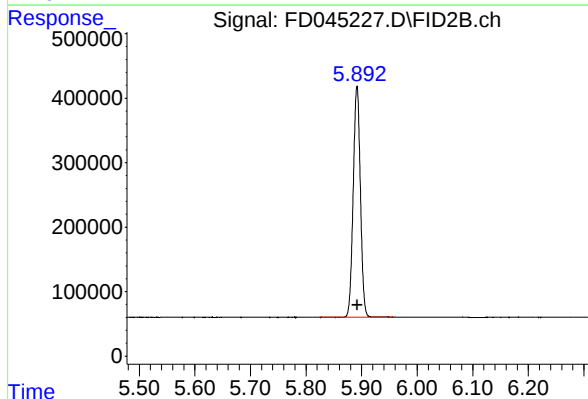
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Signal Info : 20M x 0.18mm x 0.18µm





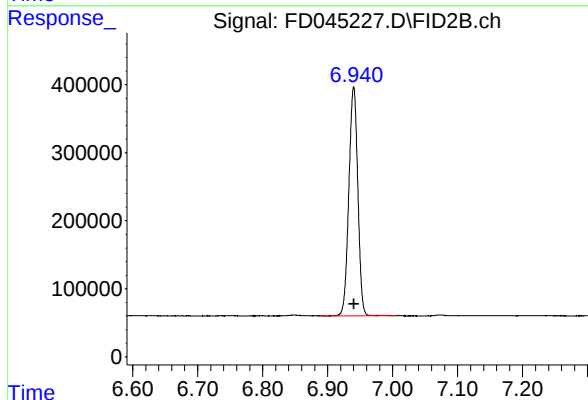
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 3072581
Conc: 20.29 ug/ml



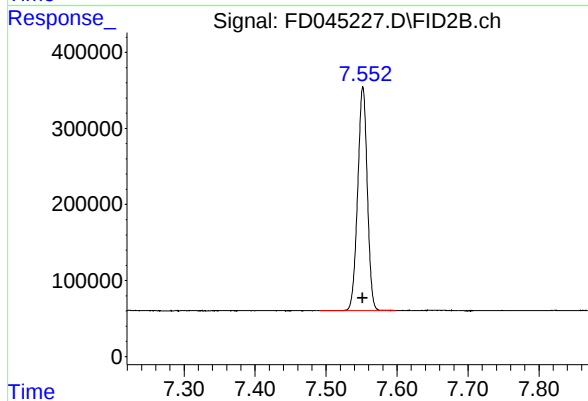
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 3220367
Conc: 20.38 ug/ml



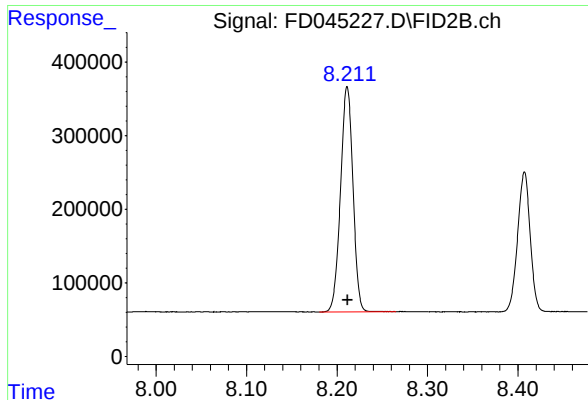
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3227717
Conc: 20.31 ug/ml



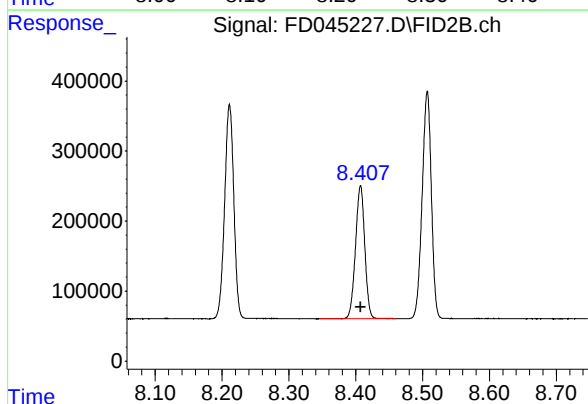
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2766354
Conc: 20.38 ug/ml



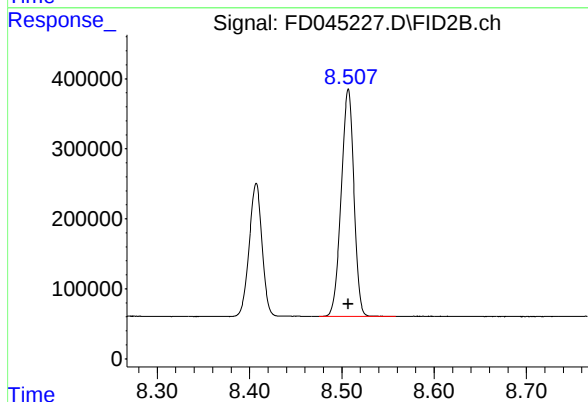
#5 Acenaphthylene (C15.06)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 2922265
Conc: 20.38 ug/ml



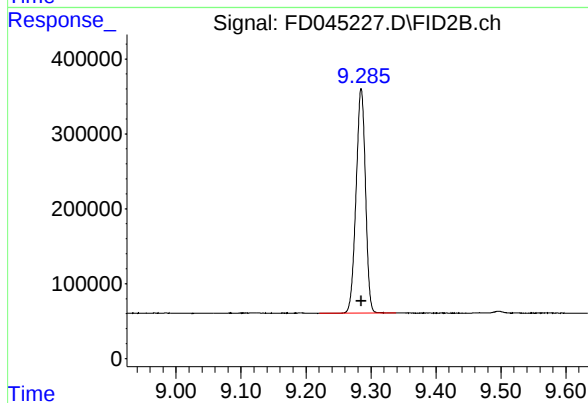
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 1830696
Conc: 20.45 ug/ml



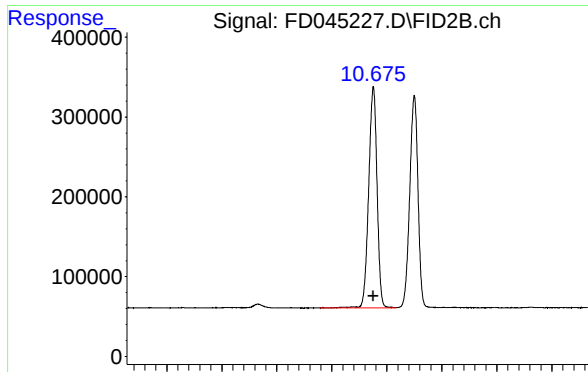
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 3102332
Conc: 20.47 ug/ml



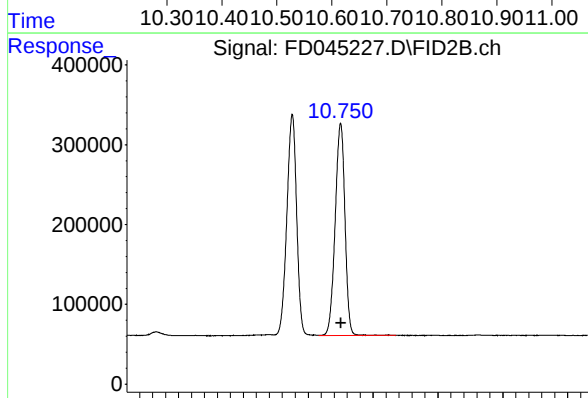
#8 Fluorene (C16.55)

R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 3016086
Conc: 20.49 ug/ml



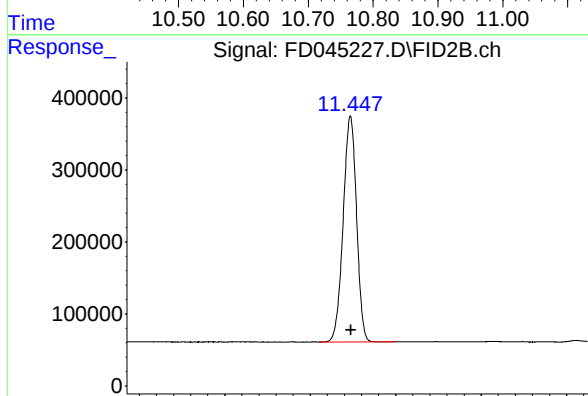
#9 Phenanthrene (C19.36)

R.T.: 10.675 min
Delta R.T.: 0.000 min
Response: 2923195
Conc: 20.47 ug/ml



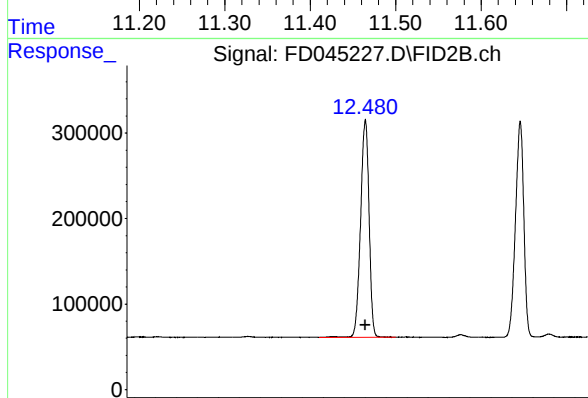
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 2785621
Conc: 19.88 ug/ml



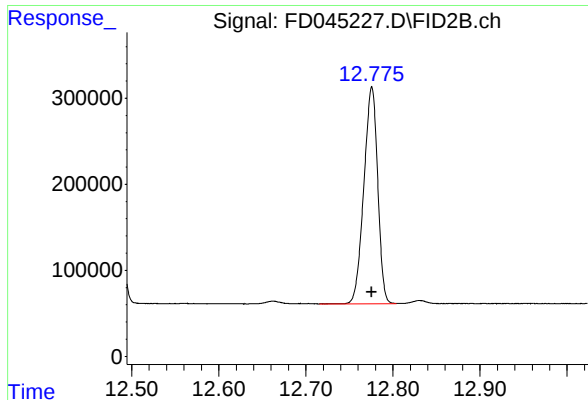
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: 0.000 min
Response: 3406671
Conc: 20.47 ug/ml



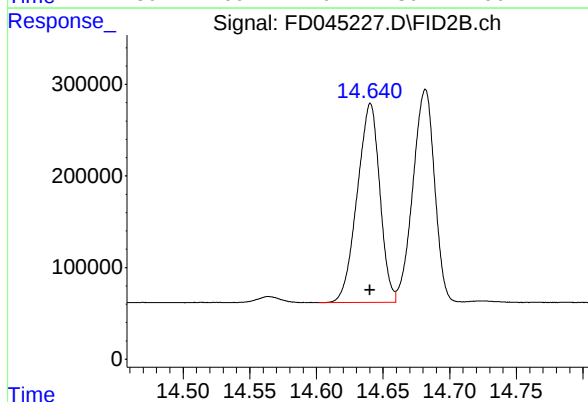
#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 2870520
Conc: 20.55 ug/ml



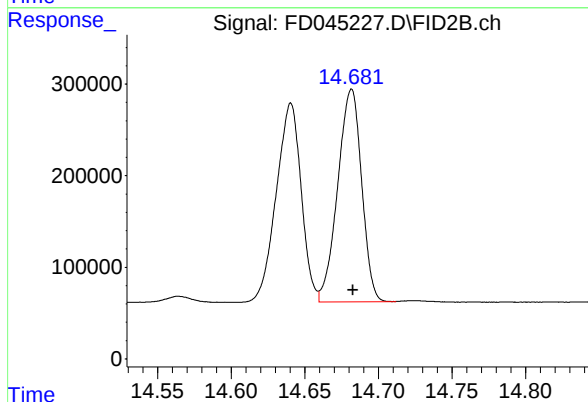
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 2784477
Conc: 20.45 ug/ml



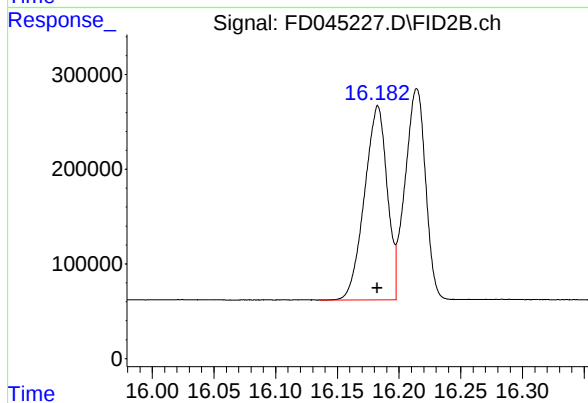
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.000 min
Response: 2565017
Conc: 20.12 ug/ml



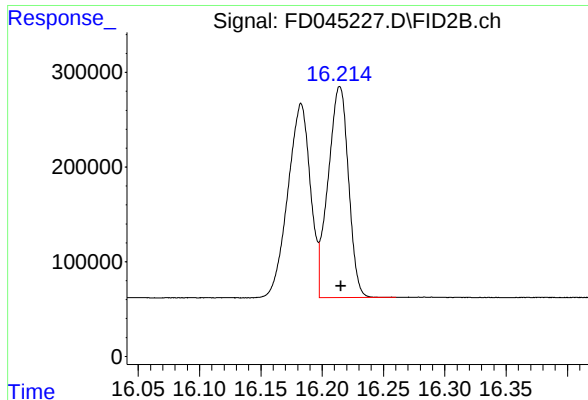
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: -0.001 min
Response: 2623544
Conc: 20.13 ug/ml



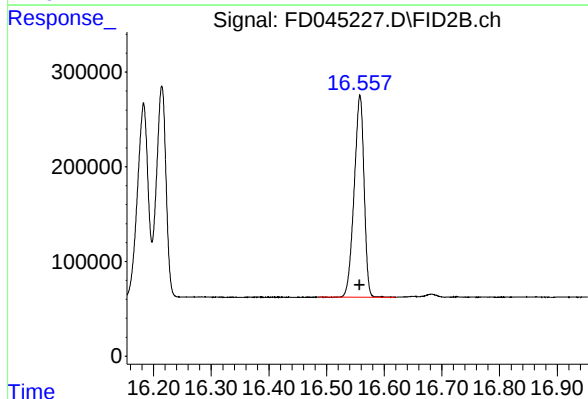
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 2620401
Conc: 20.33 ug/ml



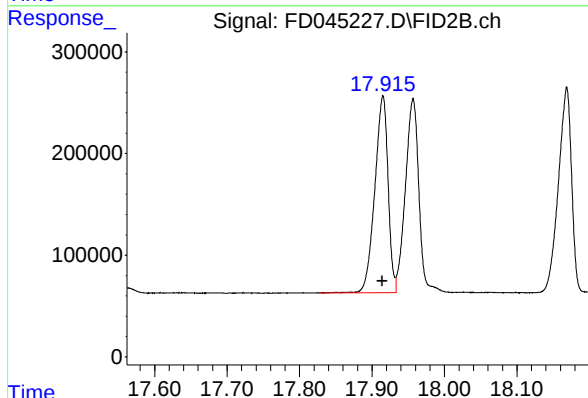
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.214 min
Delta R.T.: -0.001 min
Response: 2577648
Conc: 20.42 ug/ml



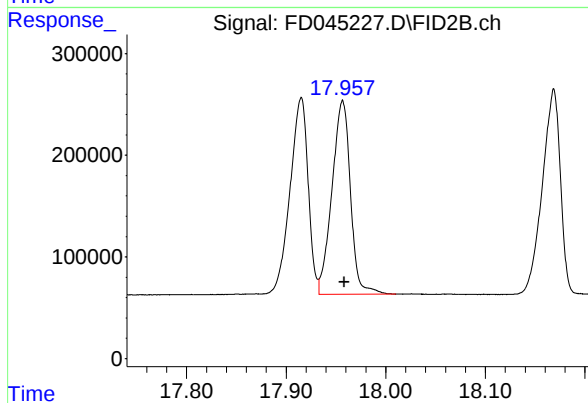
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.000 min
Response: 2554048
Conc: 20.29 ug/ml



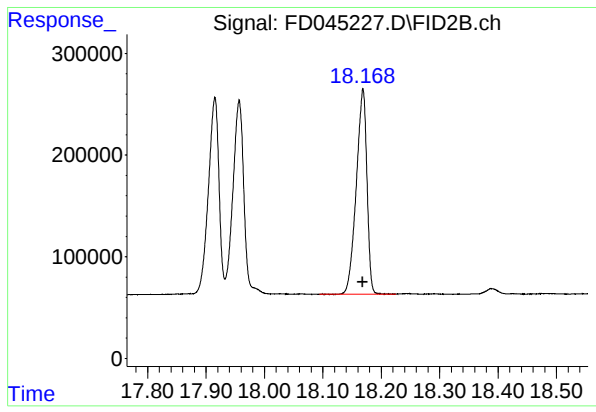
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.000 min
Response: 2455074
Conc: 20.52 ug/ml



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

R.T.: 17.956 min
Delta R.T.: -0.002 min
Response: 2463305
Conc: 20.42 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 2552575
Conc: 20.52 ug/ml