

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121823AR\
 Data File : FD047057.D
 Signal(s) : FID2B.ch
 Acq On : 18 Dec 2023 12:05
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 12:42:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:41:47 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...	7.474	911798	5.216 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
6) S 2-Fluorobiphenyl (SURR)	8.328	535722	4.984 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.97%
11) S ortho-Terphenyl (SURR)	11.362	1083173	5.306 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.289	1038005	5.404 ug/ml
2) T Naphthalene (C11.7)	5.814	1021081	5.263 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	1024513	5.290 ug/ml
5) T Acenaphthylene (C15.06)	8.130	911753	5.226 ug/ml
7) T Acenaphthene (C15.5)	8.423	1001471	5.326 ug/ml
8) T Fluorene (C16.55)	9.204	855954	5.010 ug/ml
9) T Phenanthrene (C19.36)	10.592	834180	5.116 ug/ml
10) T Anthracene (C19.43)	10.667	680916	6.390 ug/ml
12) T Fluoranthene (C21.85)	12.395	806680	5.064 ug/ml
13) T Pyrene (C20.8)	12.689	783254	5.083 ug/ml
14) T Benzo[a]anthracene (C...	14.554	616121	5.008 ug/ml
15) T Chrysene (C27.41)	14.593	841751	5.706 ug/ml
16) T benzo[b]fluoranthene ...	16.095	677377	5.028 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	787585	5.621 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	667166	5.224 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	511136	4.599 ug/ml
20) T Dibenz[a,h]anthracene...	17.877	785741	6.045 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	704330	5.310 ug/ml

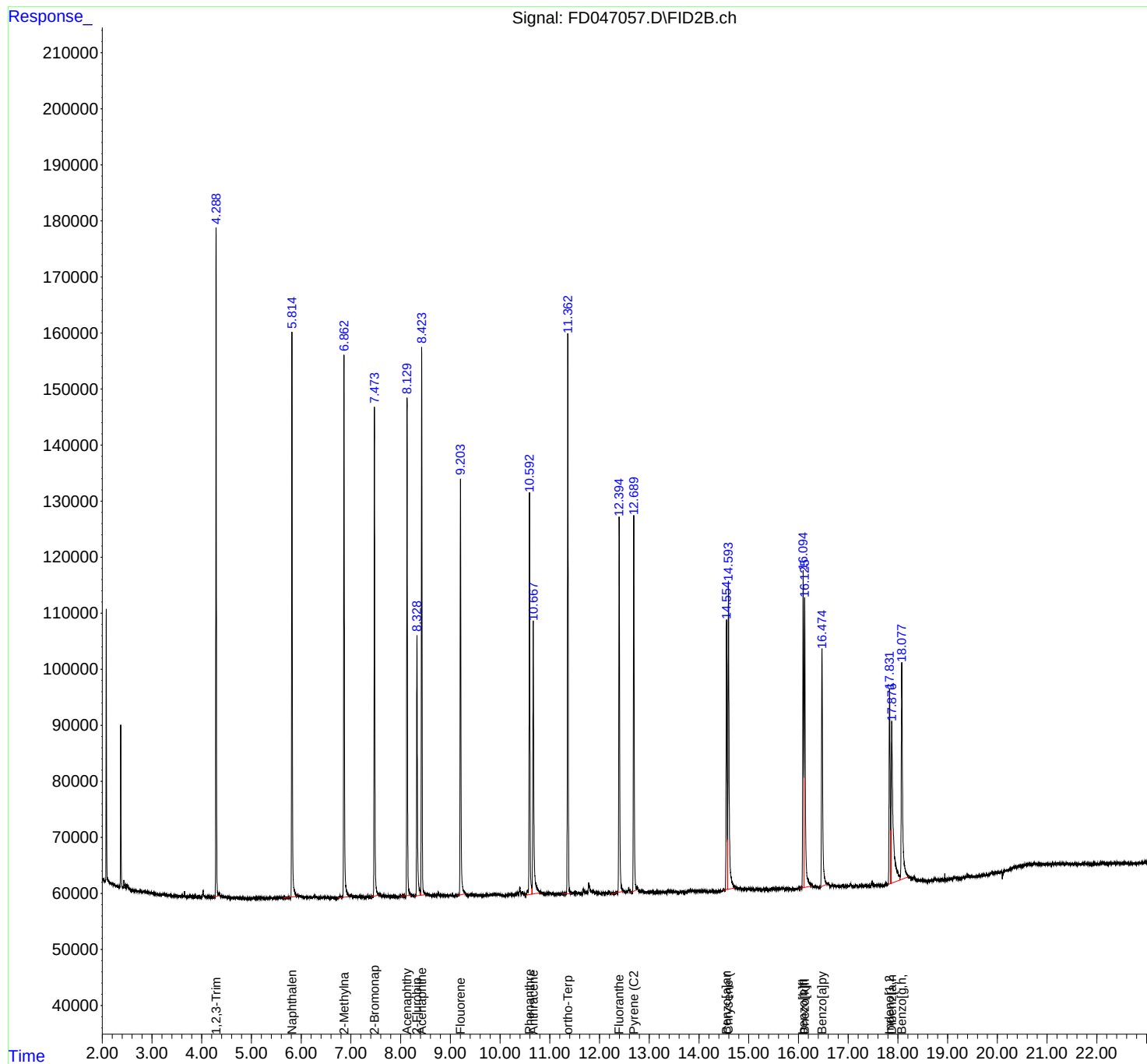
(f)=RT Delta > 1/2 Window

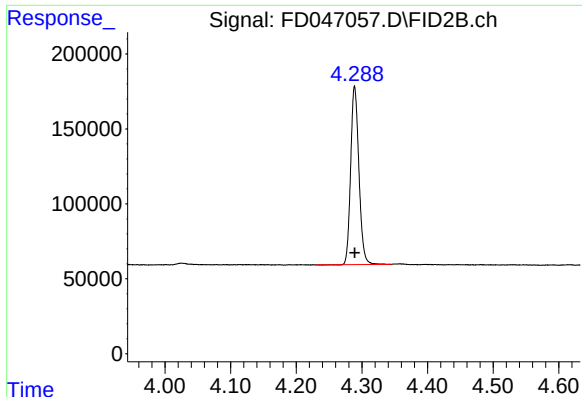
(m)=manual int.

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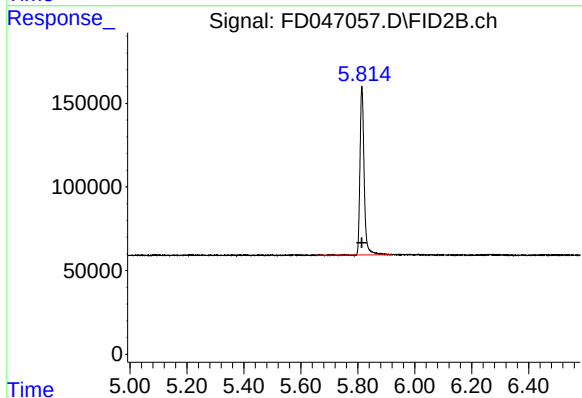
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





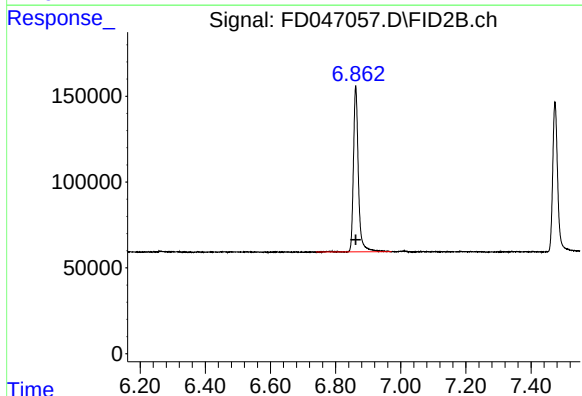
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 1038005
Conc: 5.40 ug/ml



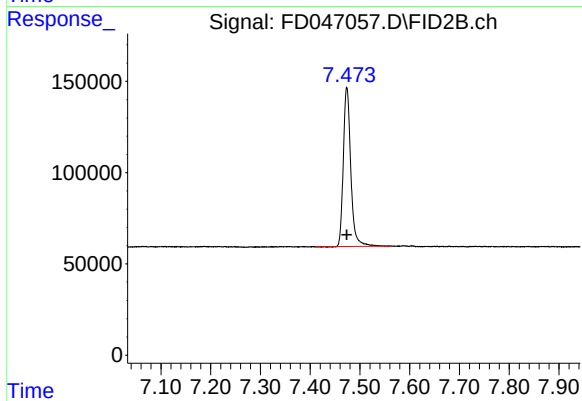
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 1021081
Conc: 5.26 ug/ml



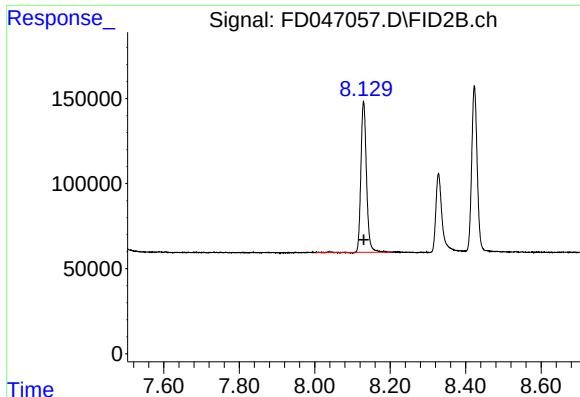
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 1024513
Conc: 5.29 ug/ml



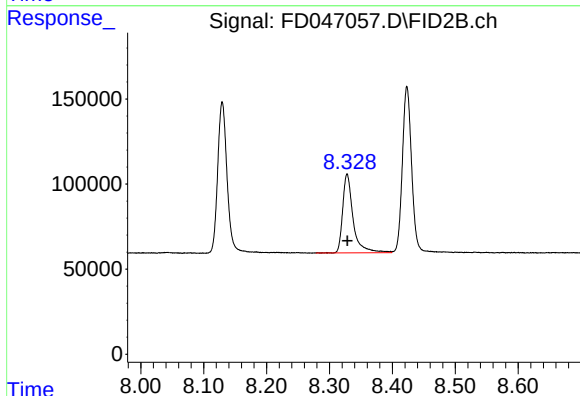
#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 911798
Conc: 5.22 ug/ml



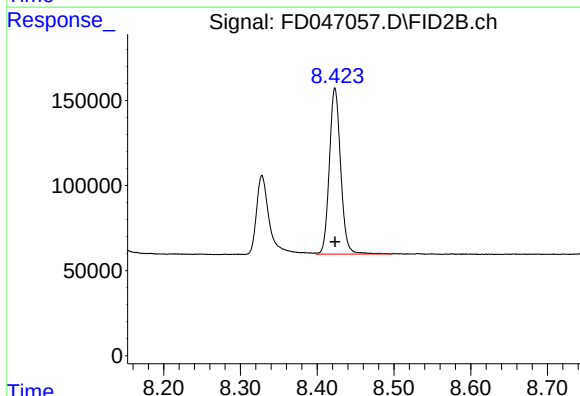
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 911753
Conc: 5.23 ug/ml



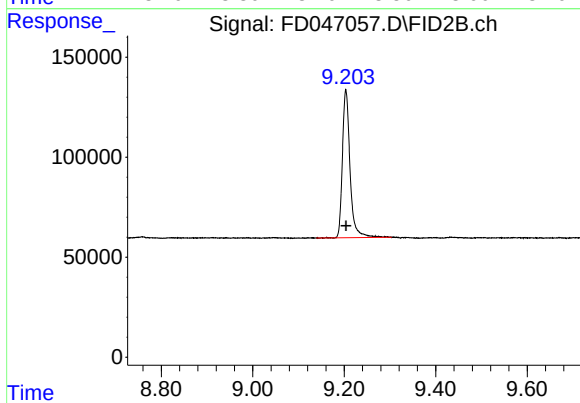
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 535722
Conc: 4.98 ug/ml



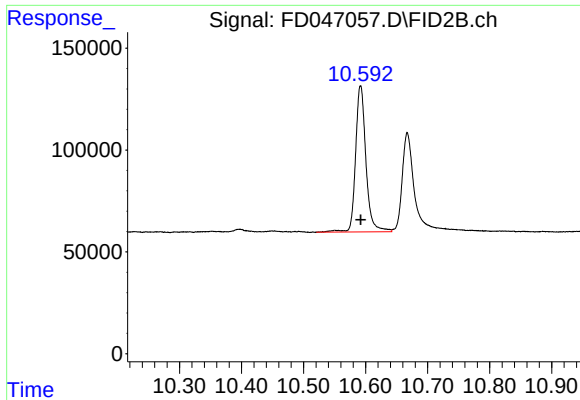
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 1001471
Conc: 5.33 ug/ml



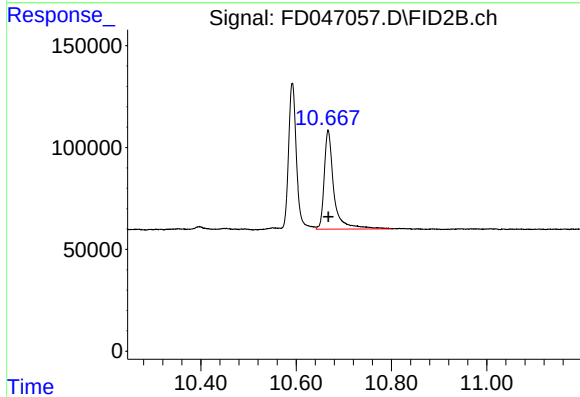
#8 Flouorene (C16.55)

R.T.: 9.204 min
Delta R.T.: 0.000 min
Response: 855954
Conc: 5.01 ug/ml



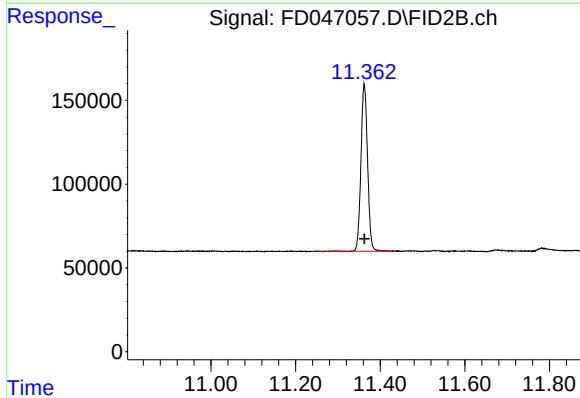
#9 Phenanthrene (C19.36)

R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 834180
Conc: 5.12 ug/ml



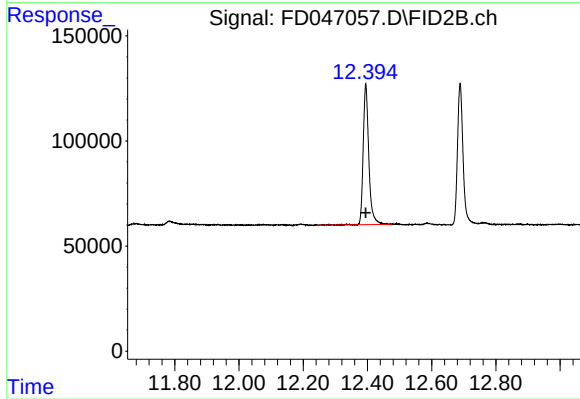
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 680916
Conc: 6.39 ug/ml



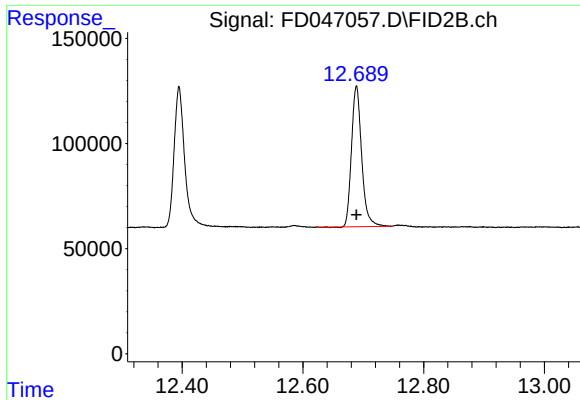
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 1083173
Conc: 5.31 ug/ml



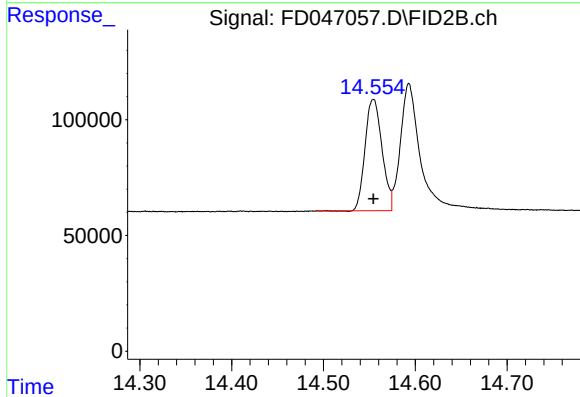
#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 806680
Conc: 5.06 ug/ml



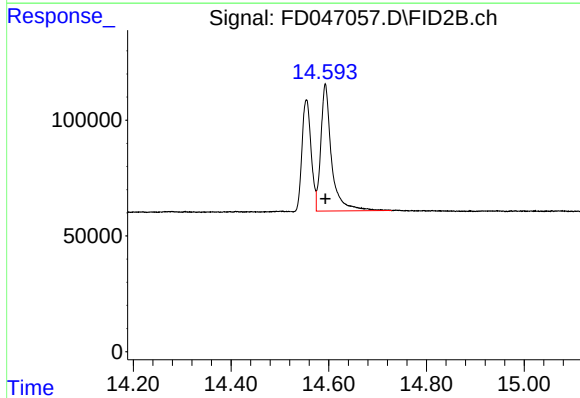
#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 783254
Conc: 5.08 ug/ml



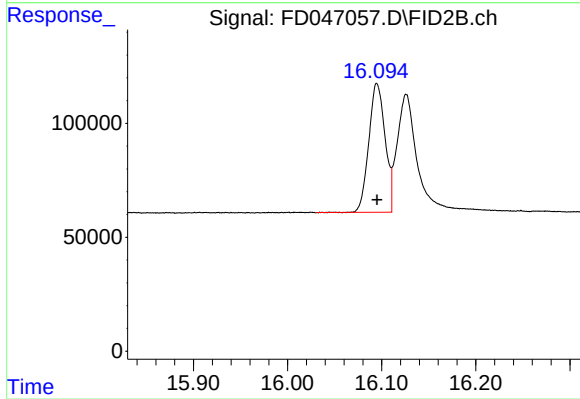
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.000 min
Response: 616121
Conc: 5.01 ug/ml



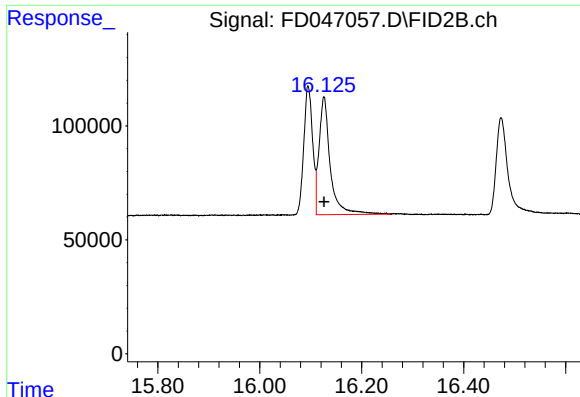
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.000 min
Response: 841751
Conc: 5.71 ug/ml



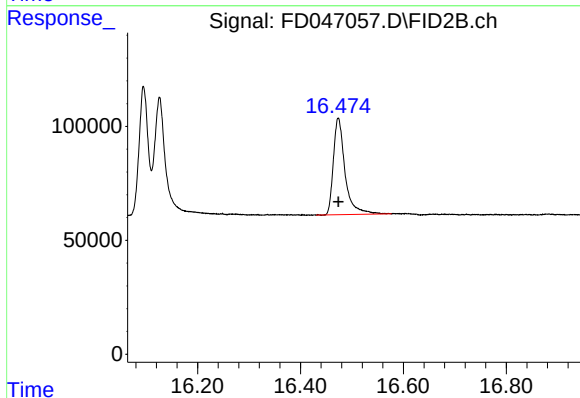
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.095 min
Delta R.T.: 0.000 min
Response: 677377
Conc: 5.03 ug/ml



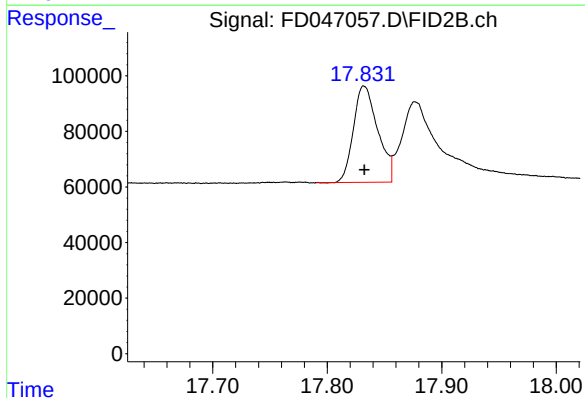
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.126 min
Delta R.T.: 0.000 min
Response: 787585
Conc: 5.62 ug/ml



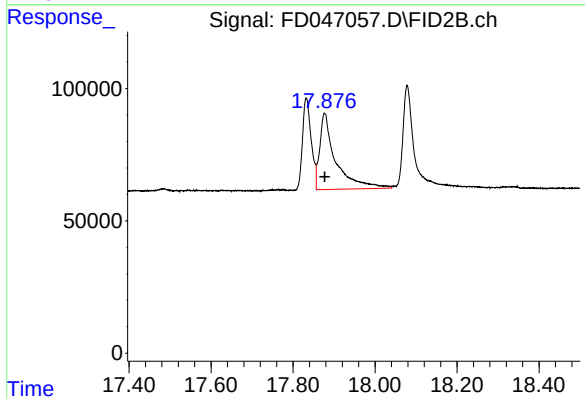
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 667166
Conc: 5.22 ug/ml



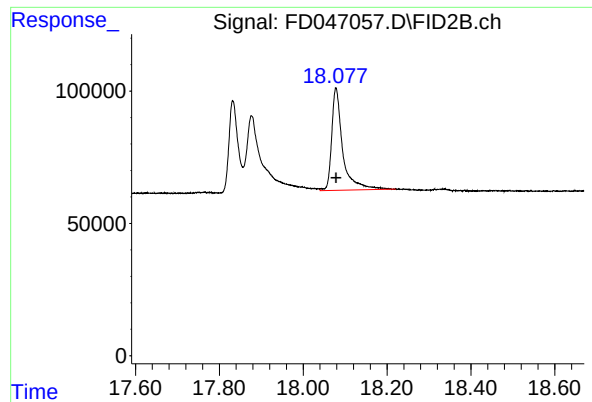
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: 0.000 min
Response: 511136
Conc: 4.60 ug/ml



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

R.T.: 17.877 min
Delta R.T.: 0.000 min
Response: 785741
Conc: 6.05 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 704330
Conc: 5.31 ug/ml