

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020724AR\
 Data File : FD047179.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2024 08:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 12:26:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 2024
 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...	7.467	3142859	20.432 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
6) S 2-Fluorobiphenyl (SURR)	8.320	2079152	20.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.70%
11) S ortho-Terphenyl (SURR)	11.356	3587820	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	3289797	21.117 ug/ml
2) T Naphthalene (C11.7)	5.808	3446810	20.576 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	3494786	20.615 ug/ml
5) T Acenaphthylene (C15.06)	8.124	3184479	20.542 ug/ml
7) T Acenaphthene (C15.5)	8.418	3369515	20.404 ug/ml
8) T Flouorene (C16.55)	9.196	3271272	20.497 ug/ml
9) T Phenanthrene (C19.36)	10.584	3172906	20.044 ug/ml
10) T Anthracene (C19.43)	10.658	2899472	18.914 ug/ml
12) T Fluoranthene (C21.85)	12.387	3181754	19.943 ug/ml
13) T Pyrene (C20.8)	12.680	3084723	19.956 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2760613	19.664 ug/ml
15) T Chrysene (C27.41)	14.585	2930441	18.921 ug/ml
16) T benzo[b]fluoranthene ...	16.085	2821073	19.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2858292	19.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	2744587	19.200 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2610383	20.255 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2730847	19.263 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2718626	19.813 ug/ml

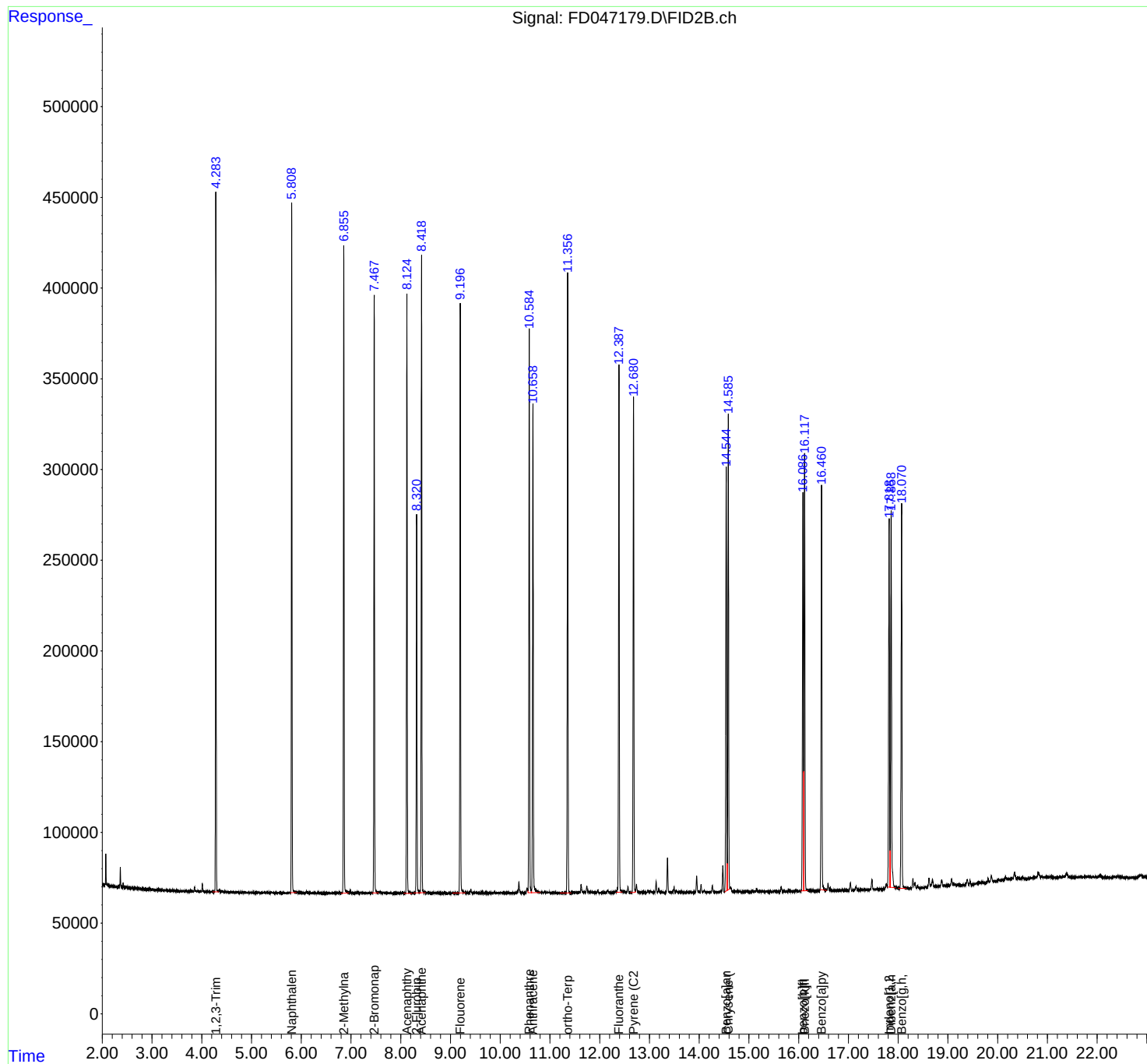
(f)=RT Delta > 1/2 Window

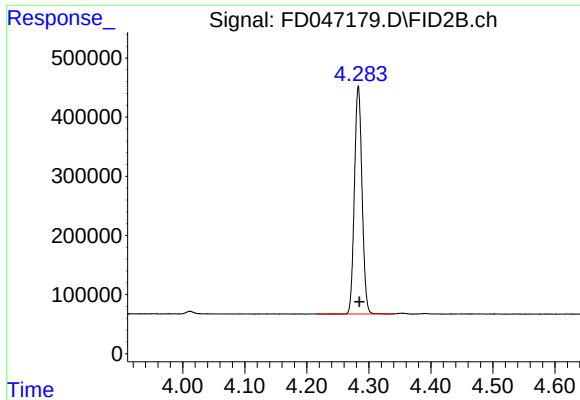
(m)=manual int.

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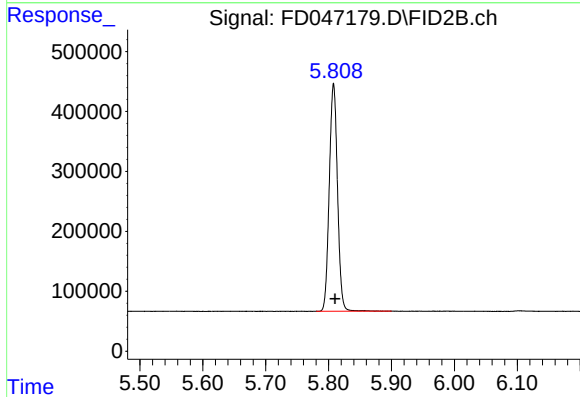
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Signal Info : 20M x 0.18mm x 0.18µm





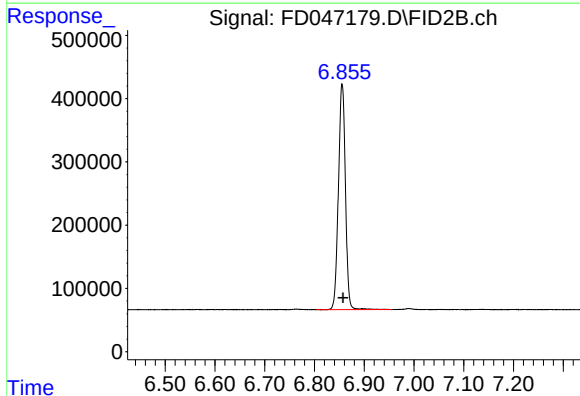
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 3289797
Conc: 21.12 ug/ml



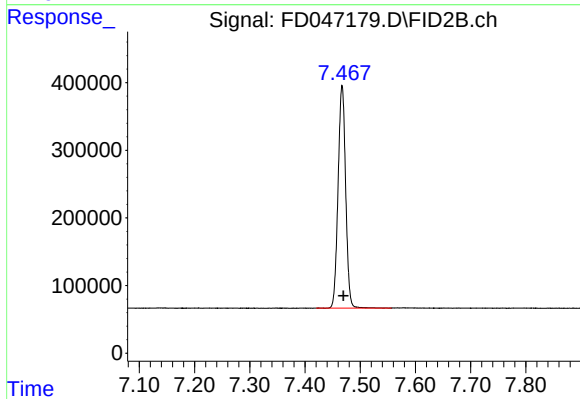
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 3446810
Conc: 20.58 ug/ml



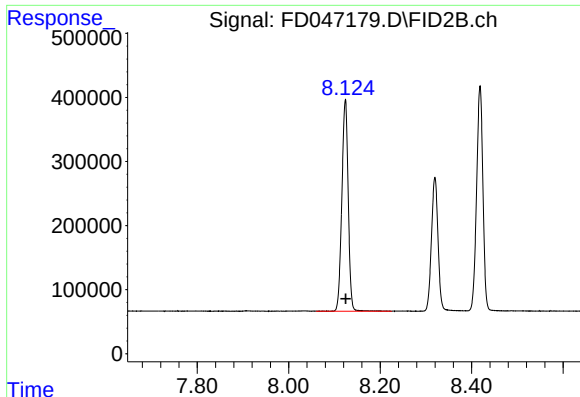
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 3494786
Conc: 20.61 ug/ml



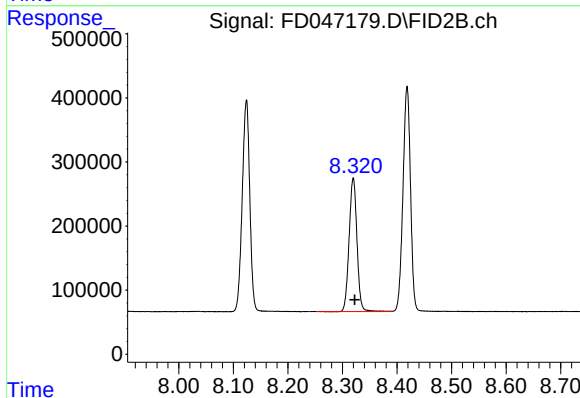
#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 3142859
Conc: 20.43 ug/ml



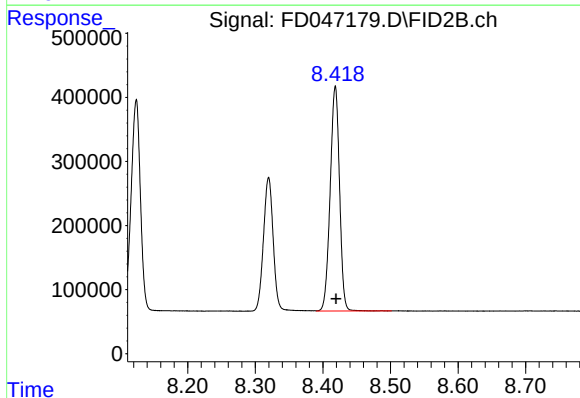
#5 Acenaphthylene (C15.06)

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 3184479
Conc: 20.54 ug/ml



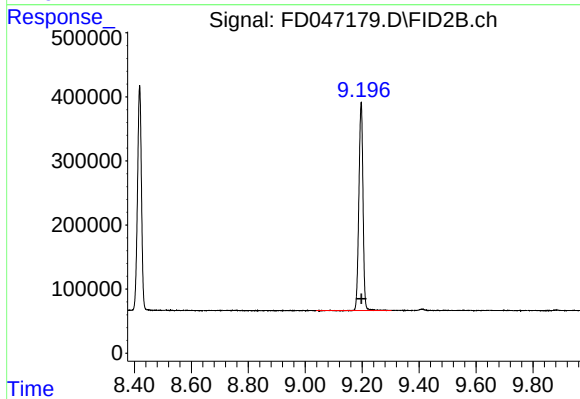
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: -0.003 min
Response: 2079152
Conc: 20.35 ug/ml



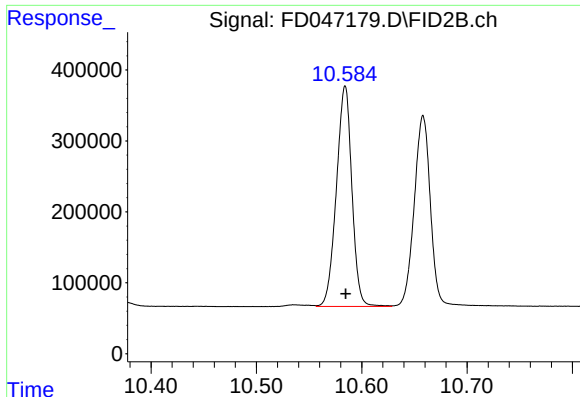
#7 Acenaphthene (C15.5)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 3369515
Conc: 20.40 ug/ml



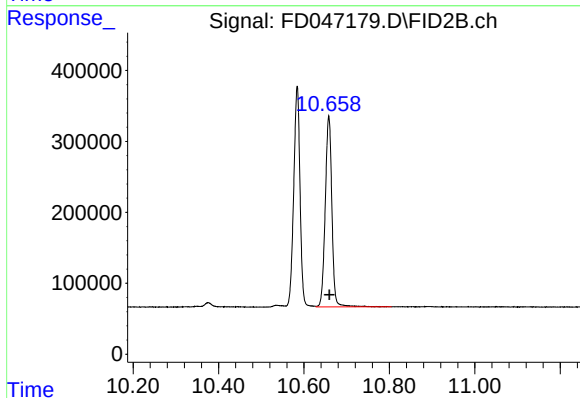
#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: -0.001 min
Response: 3271272
Conc: 20.50 ug/ml



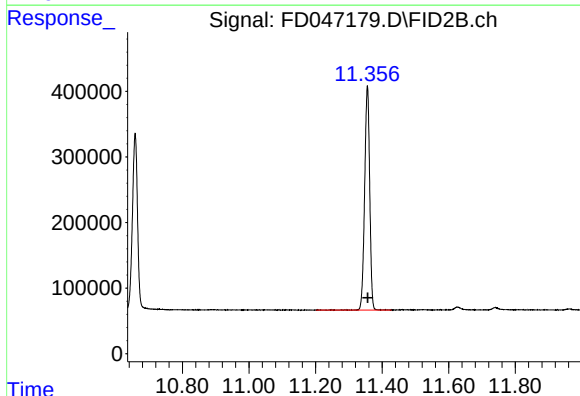
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 3172906
Conc: 20.04 ug/ml



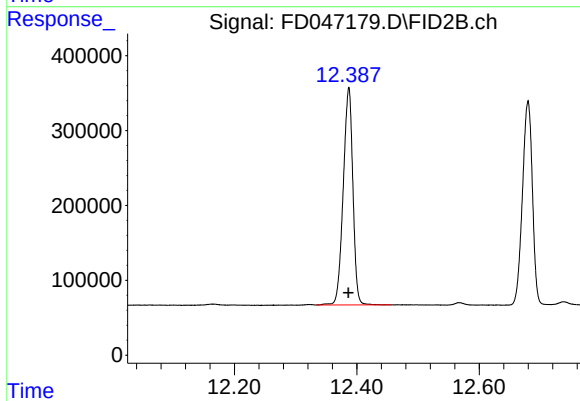
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: -0.001 min
Response: 2899472
Conc: 18.91 ug/ml



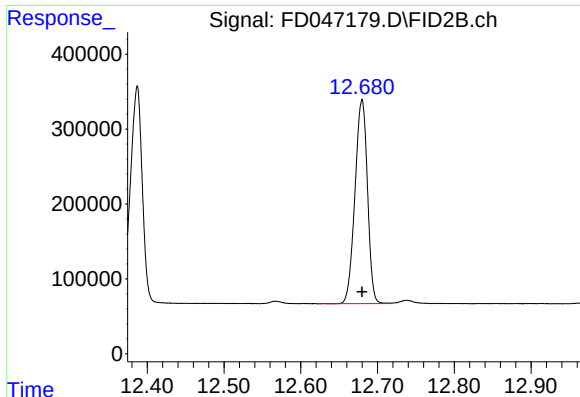
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 3587820
Conc: 20.14 ug/ml



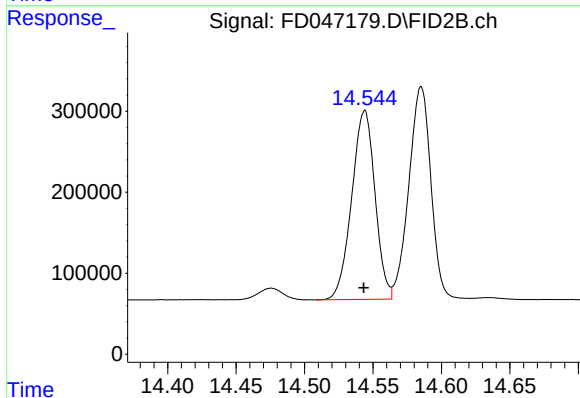
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 3181754
Conc: 19.94 ug/ml



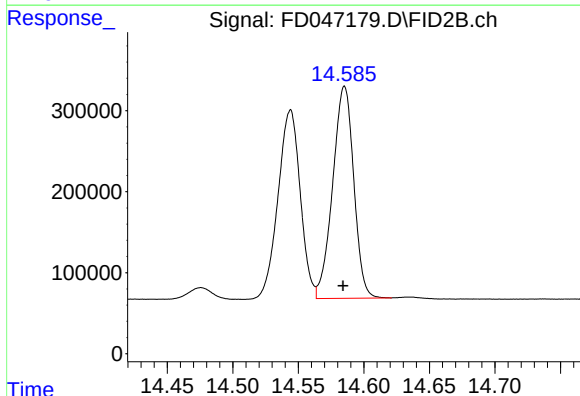
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 3084723
Conc: 19.96 ug/ml



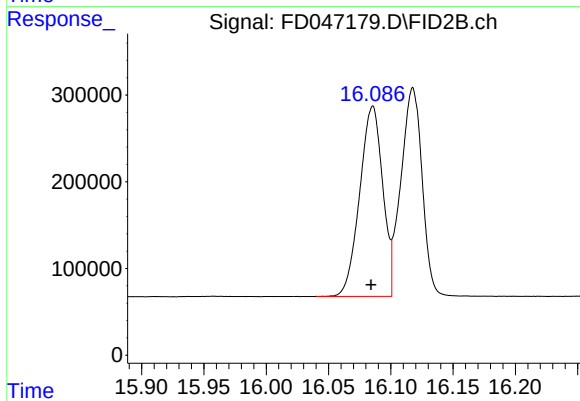
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 2760613
Conc: 19.66 ug/ml



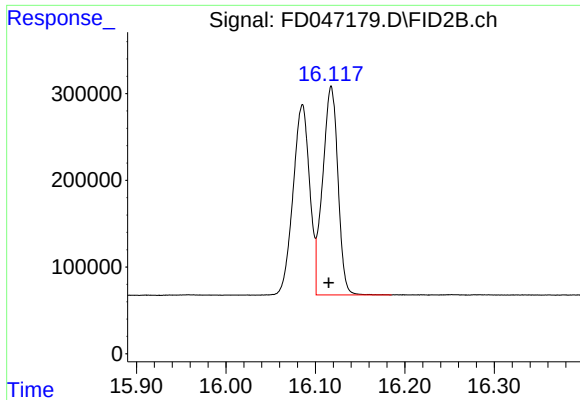
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.000 min
Response: 2930441
Conc: 18.92 ug/ml



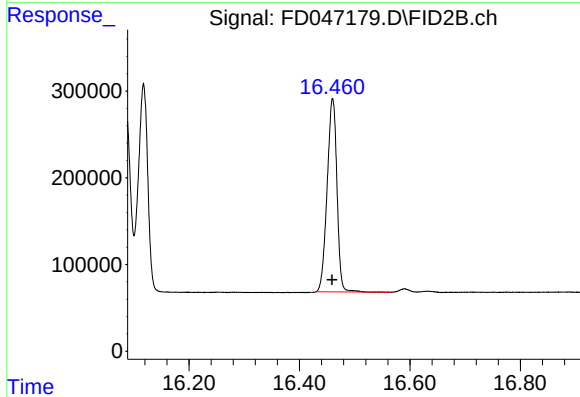
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.085 min
Delta R.T.: 0.001 min
Response: 2821073
Conc: 19.45 ug/ml



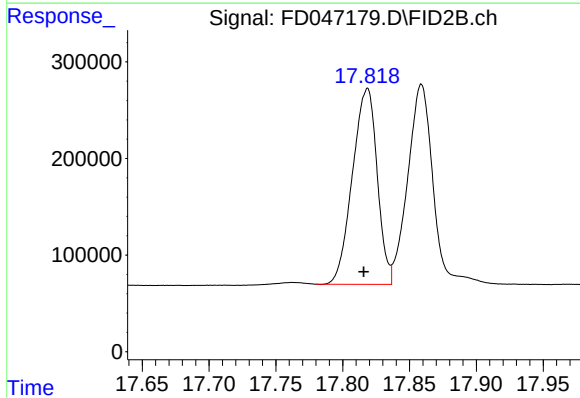
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 2858292
Conc: 19.39 ug/ml



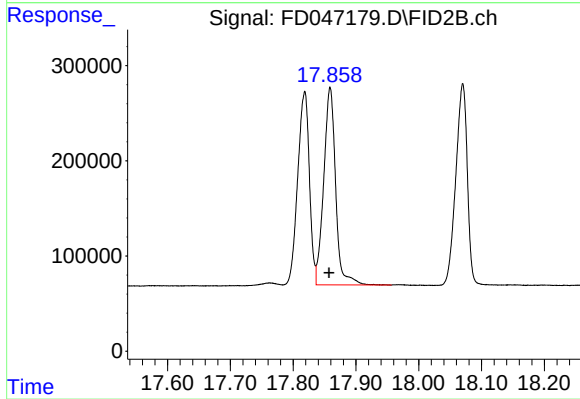
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.001 min
Response: 2744587
Conc: 19.20 ug/ml



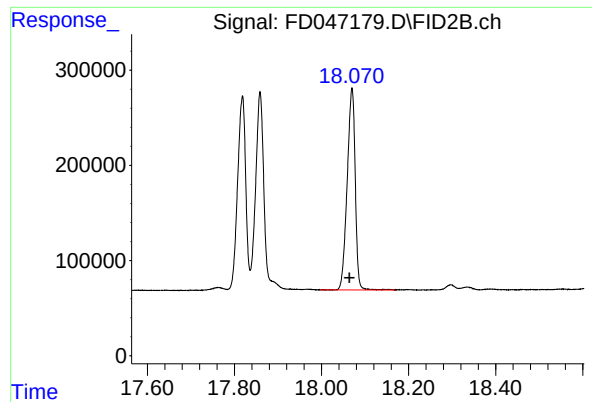
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: 0.002 min
Response: 2610383
Conc: 20.25 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.002 min
Response: 2730847
Conc: 19.26 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.005 min
Response: 2718626
Conc: 19.81 ug/ml