

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080522AR\
 Data File : FD043509.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2022 23:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HCS STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 08:27:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 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...	7.614	2872007	20.304 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
6) S 2-Fluorobiphenyl (SURR)	8.478	1953753	20.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.10%
11) S ortho-Terphenyl (SURR)	11.524	3328956	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.407	3182543	20.292 ug/ml
2) T Naphthalene (C11.7)	5.949	3289934	20.347 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	2989362	20.416 ug/ml
5) T Acenaphthylene (C15.06)	8.282	3203877	19.736 ug/ml
7) T Acenaphthene (C15.5)	8.578	3288623	20.341 ug/ml
8) T Flouorene (C16.55)	9.359	3201363	20.430 ug/ml
9) T Phenanthrene (C19.36)	10.757	3123475	19.930 ug/ml
10) T Anthracene (C19.43)	10.831	2654259	17.234 ug/ml
12) T Fluoranthene (C21.85)	12.570	3089874	19.509 ug/ml
13) T Pyrene (C20.8)	12.867	3043754	19.368 ug/ml
14) T Benzo[a]anthracene (C...	14.740	2877322	19.503 ug/ml
15) T Chrysene (C27.41)	14.782	3049556	19.516 ug/ml
16) T benzo[b]fluoranthene ...	16.293	3048242	20.378 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	2953551	19.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	2847115	20.143 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	2660853	22.514 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	3083882	21.742 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	2874035	22.100 ug/ml

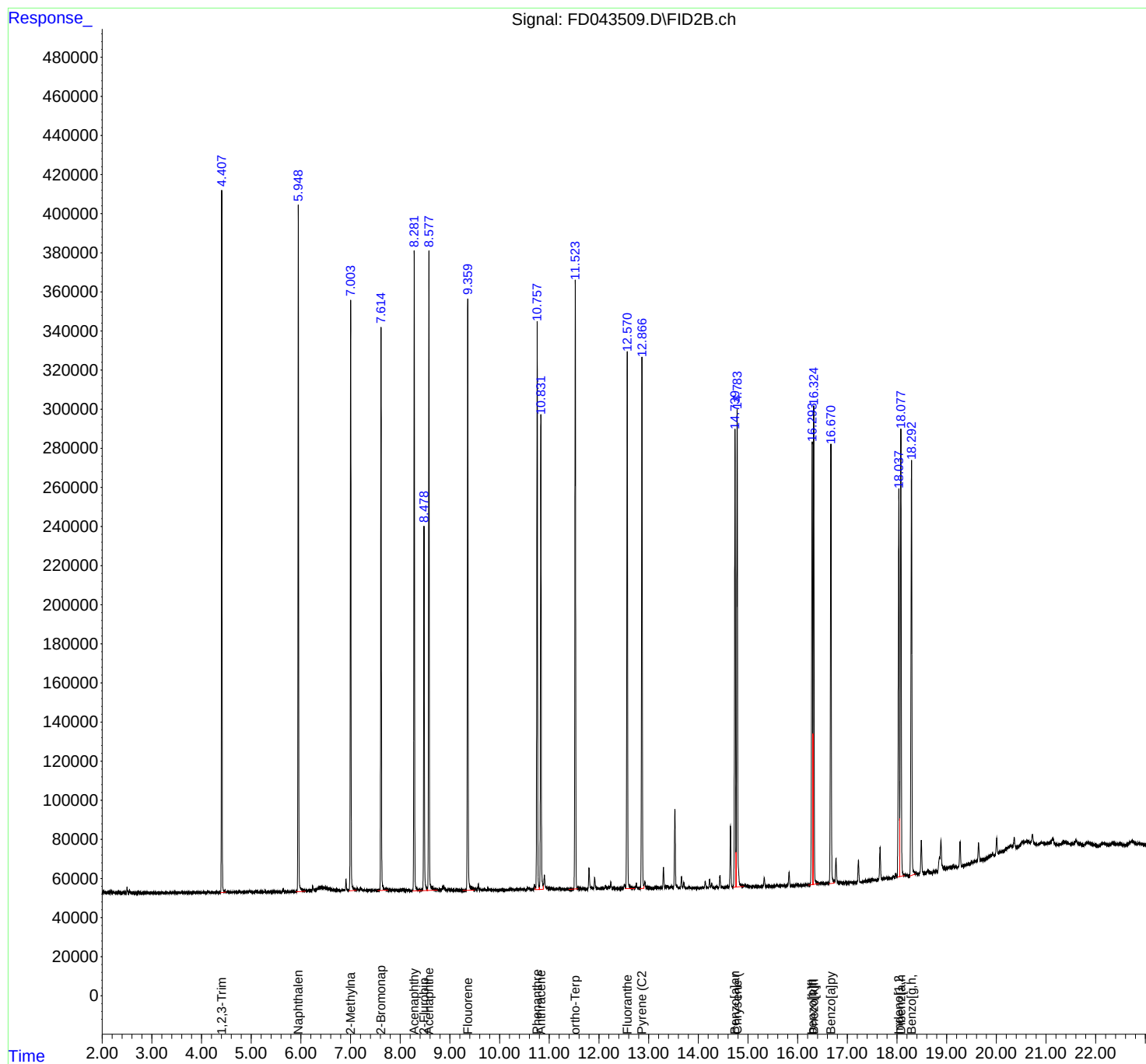
(f)=RT Delta > 1/2 Window

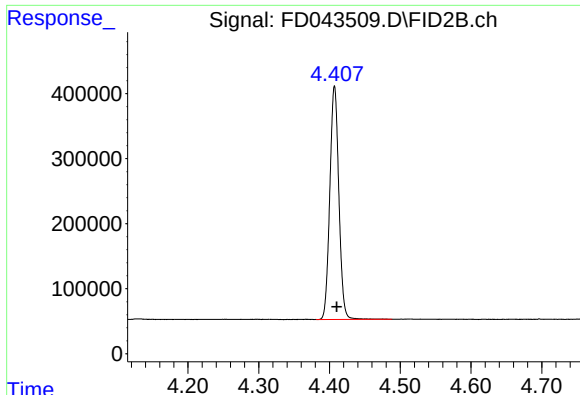
(m)=manual int.

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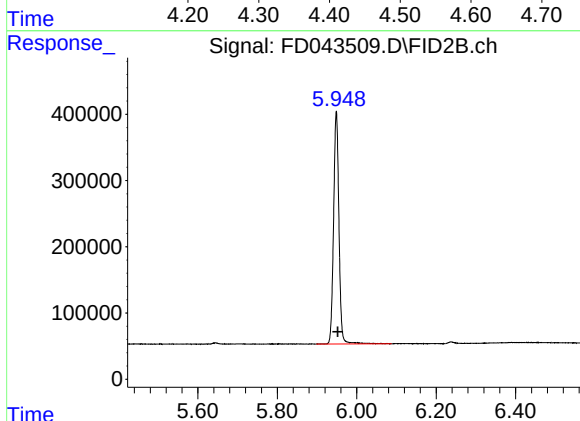
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





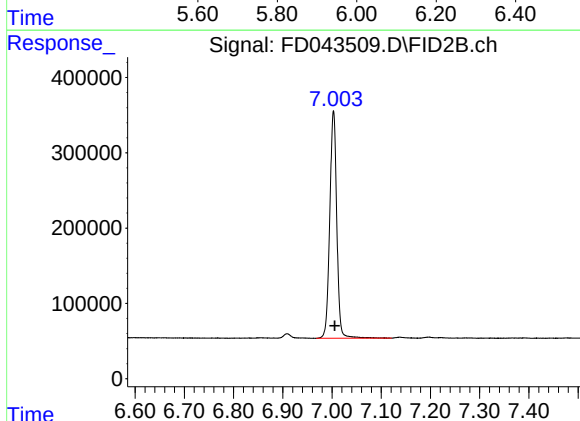
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.407 min
Delta R.T.: -0.003 min
Response: 3182543
Conc: 20.29 ug/ml



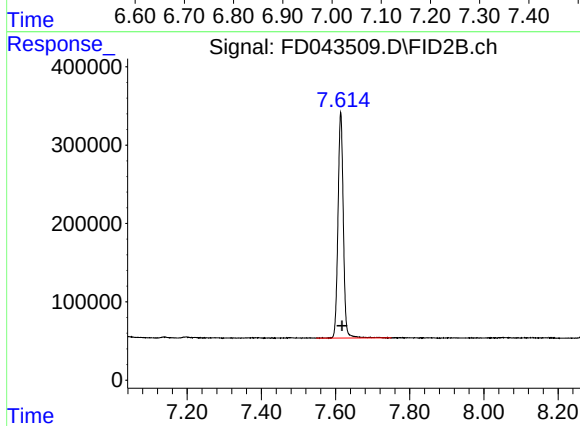
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 3289934
Conc: 20.35 ug/ml



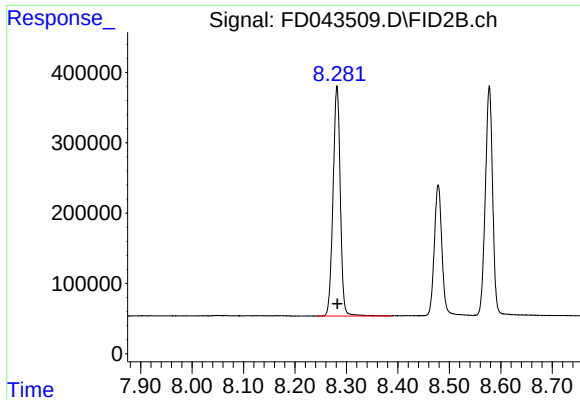
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 2989362
Conc: 20.42 ug/ml



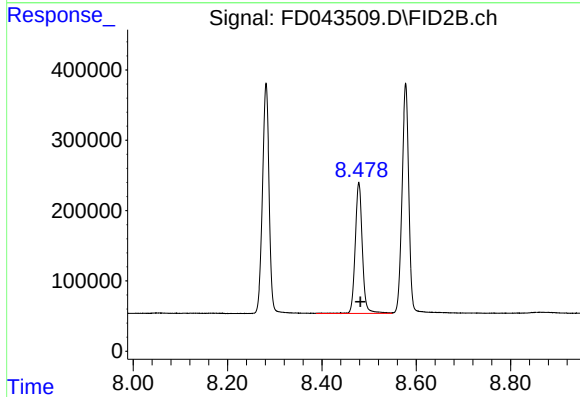
#4 2-Bromonaphthalene (SURR)

R.T.: 7.614 min
Delta R.T.: -0.004 min
Response: 2872007
Conc: 20.30 ug/ml



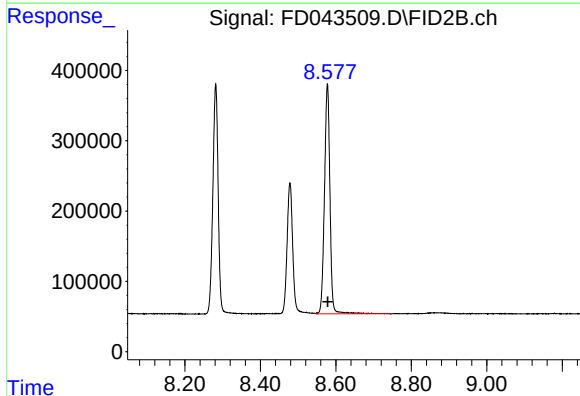
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 3203877
Conc: 19.74 ug/ml



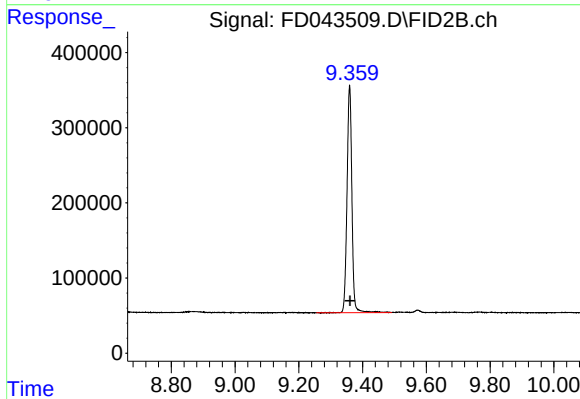
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.478 min
Delta R.T.: -0.003 min
Response: 1953753
Conc: 20.55 ug/ml



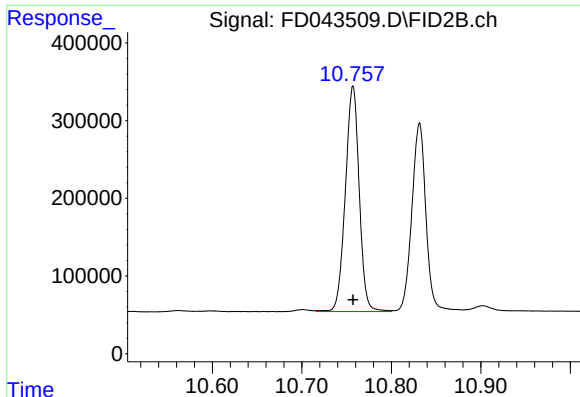
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 3288623
Conc: 20.34 ug/ml



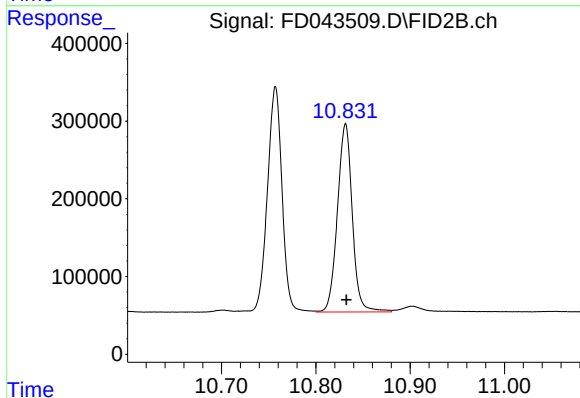
#8 Fluorene (C16.55)

R.T.: 9.359 min
Delta R.T.: -0.002 min
Response: 3201363
Conc: 20.43 ug/ml



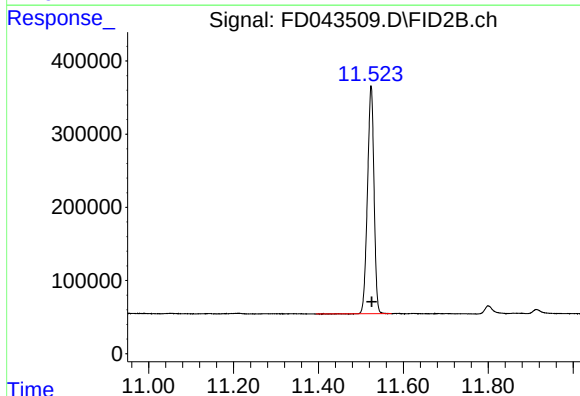
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: 0.000 min
Response: 3123475
Conc: 19.93 ug/ml



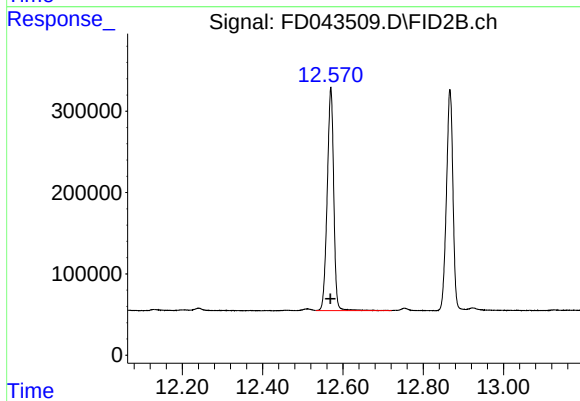
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: -0.001 min
Response: 2654259
Conc: 17.23 ug/ml



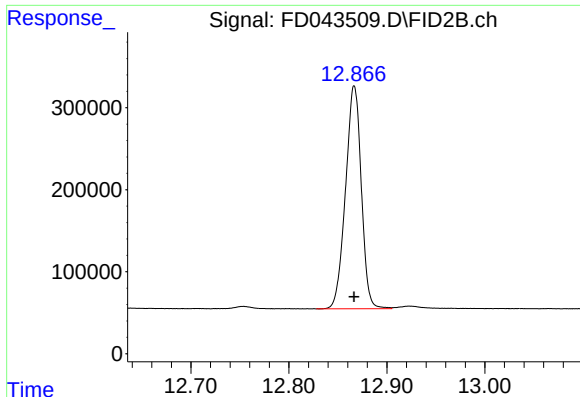
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.001 min
Response: 3328956
Conc: 19.64 ug/ml



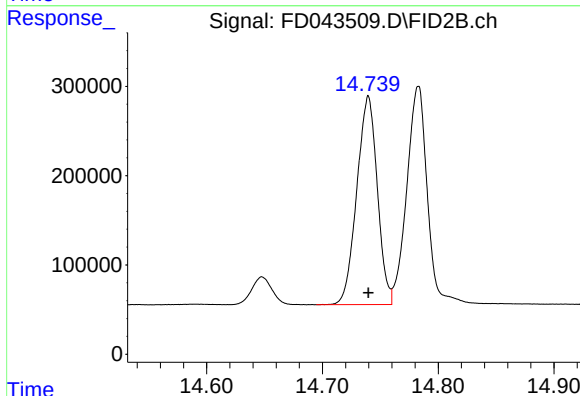
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 3089874
Conc: 19.51 ug/ml



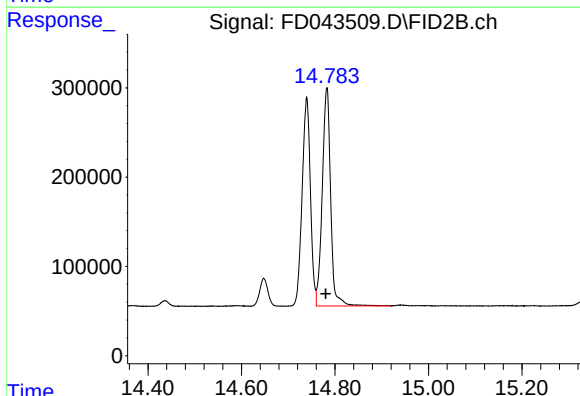
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 3043754
Conc: 19.37 ug/ml



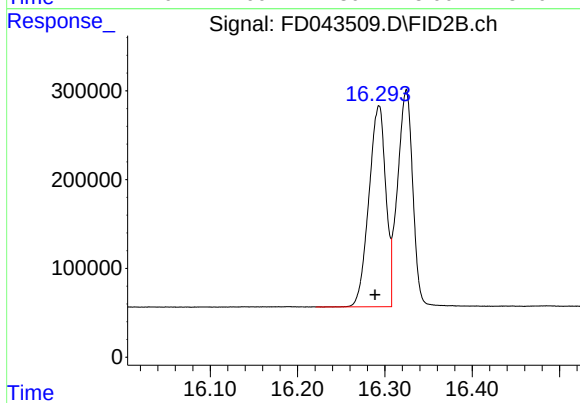
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2877322
Conc: 19.50 ug/ml



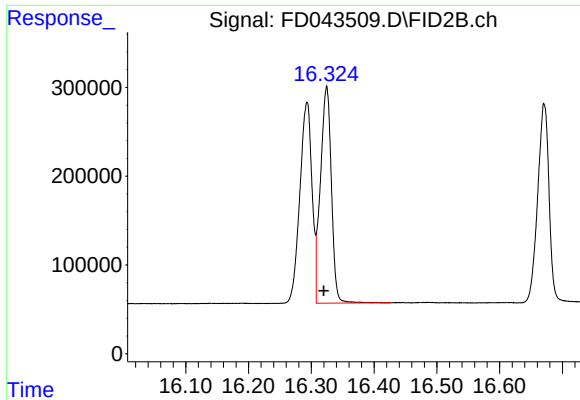
#15 Chrysene (C27.41)

R.T.: 14.782 min
Delta R.T.: 0.002 min
Response: 3049556
Conc: 19.52 ug/ml



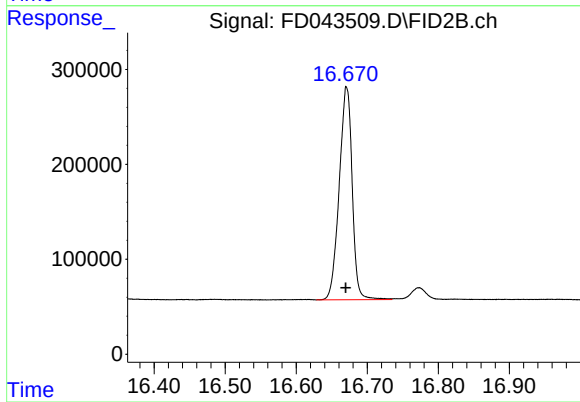
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: 0.004 min
Response: 3048242
Conc: 20.38 ug/ml



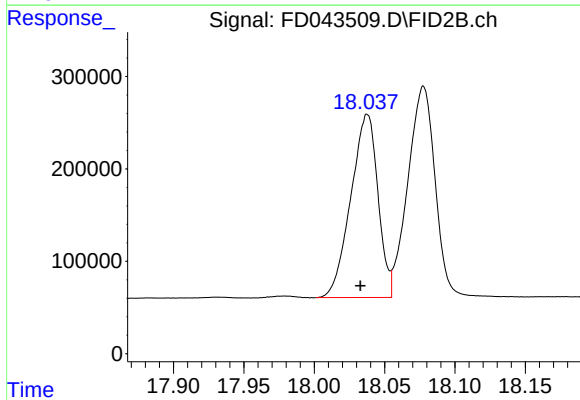
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: 0.004 min
Response: 2953551
Conc: 19.68 ug/ml



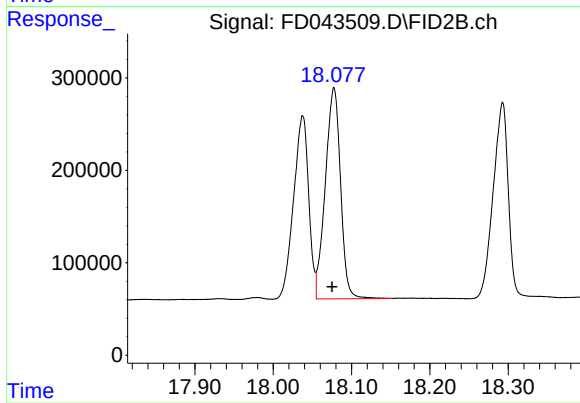
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.001 min
Response: 2847115
Conc: 20.14 ug/ml



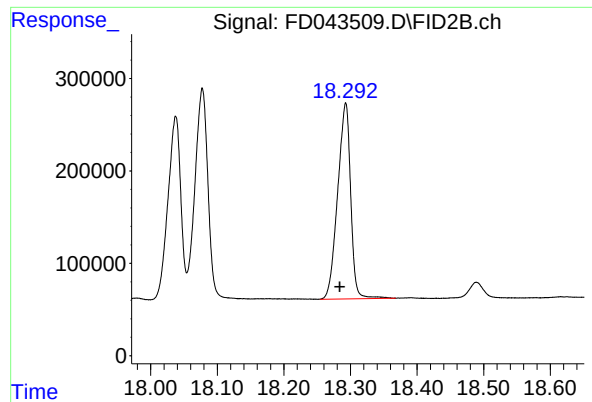
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.005 min
Response: 2660853
Conc: 22.51 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.002 min
Response: 3083882
Conc: 21.74 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.008 min
Response: 2874035
Conc: 22.10 ug/ml