

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AR\
 Data File : FD042549.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 10:39
 Operator : UA/NP
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 15:21:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052022.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 15:13:09 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.332	14469376	88.659 ug/ml
Spiked Amount 50.000		Recovery =	177.32%
6) S 2-Fluorobiphenyl (SURR)	8.182	8950609	119.246 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	238.49%#
11) S ortho-Terphenyl (SURR)	11.210	15674543	85.568 ug/ml
Spiked Amount 50.000		Recovery =	171.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	16446001	84.563 ug/ml
2) T Naphthalene (C11.7)	5.676	16669225	89.194 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	14895983	90.950 ug/ml
5) T Acenaphthylene (C15.06)	7.985	15823048	87.792 ug/ml
7) T Acenaphthene (C15.5)	8.280	16246685	79.434 ug/ml
8) T Fluorene (C16.55)	9.056	15193949	90.341 ug/ml
9) T Phenanthrene (C19.36)	10.443	14268714	96.616 ug/ml
10) T Anthracene (C19.43)	10.519	14168070	86.500 ug/ml
12) T Fluoranthene (C21.85)	12.247	13817898	91.711 ug/ml
13) T Pyrene (C20.8)	12.540	13646596	87.670 ug/ml
14) T Benzo[a]anthracene (C...	14.413	13120406	112.177 ug/ml
15) T Chrysene (C27.41)	14.458	13973278	75.587 ug/ml
16) T benzo[b]fluoranthene ...	15.967	14022397	102.896 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	14043603	77.249 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.344	13614900	96.046 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	12632609	117.101 ug/ml
20) T Dibenz[a,h]anthracene...	17.752	13605302	91.657 ug/ml
21) T Benzo[g,h,i]perylene ...	17.971	13429347	93.375 ug/ml

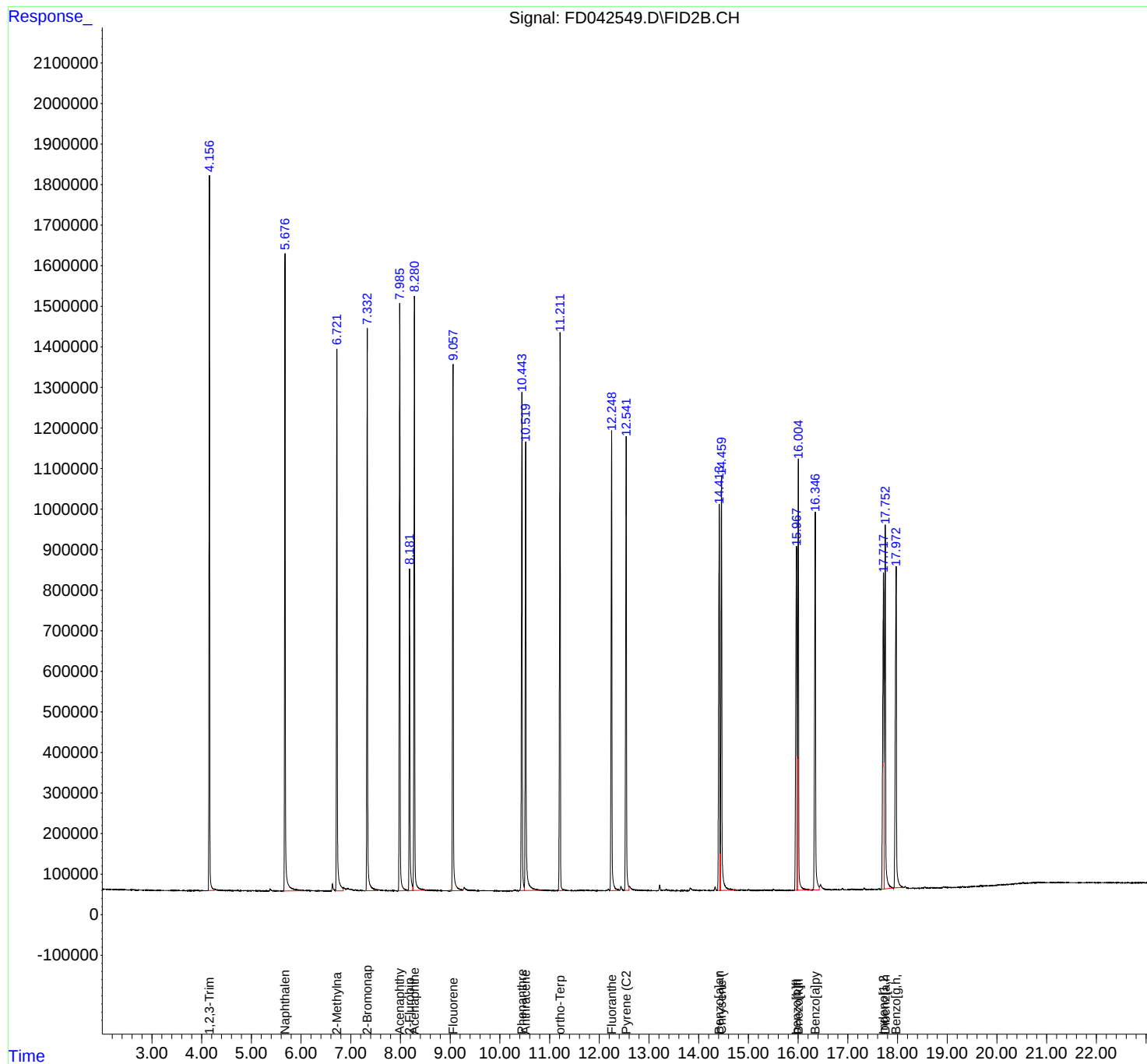
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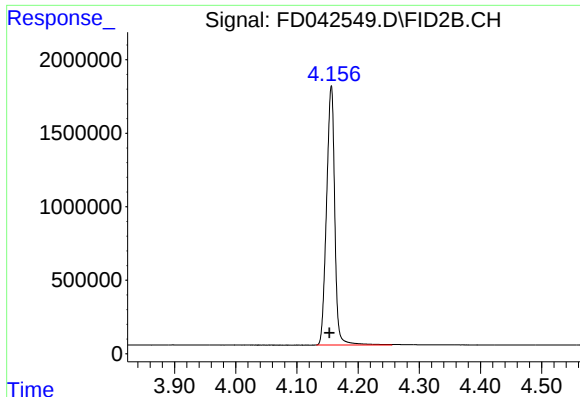
(m)=manual int.

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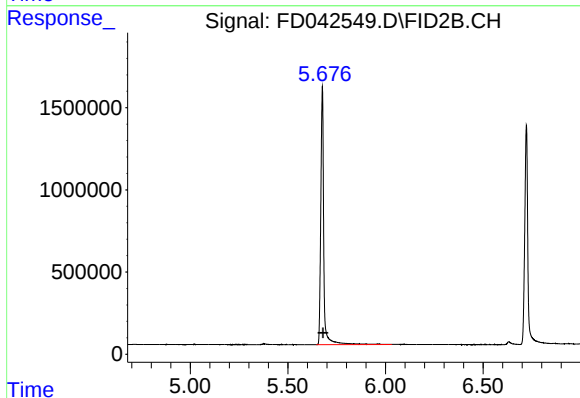
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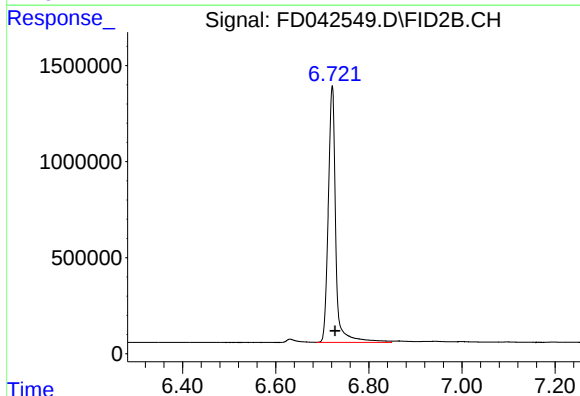
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: 0.003 min
Response: 16446001
Conc: 84.56 ug/ml



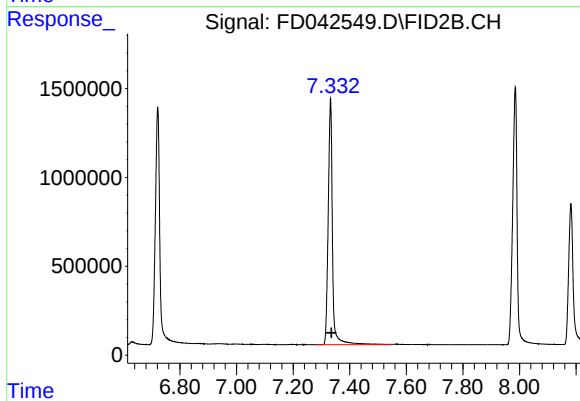
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.005 min
Response: 16669225
Conc: 89.19 ug/ml



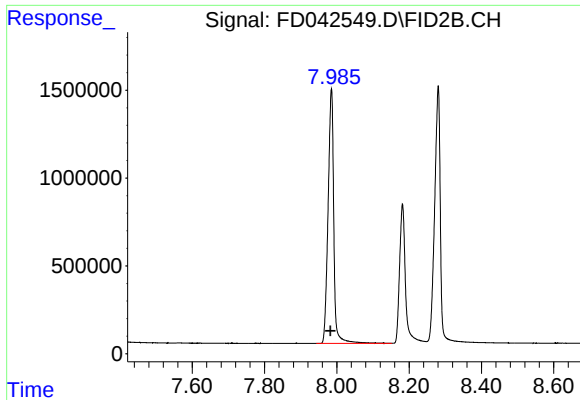
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.007 min
Response: 14895983
Conc: 90.95 ug/ml



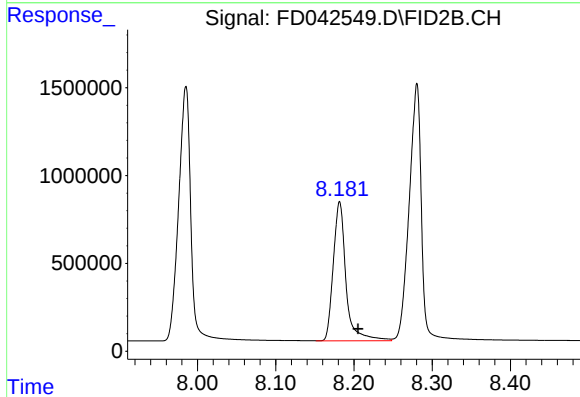
#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.004 min
Response: 14469376
Conc: 88.66 ug/ml



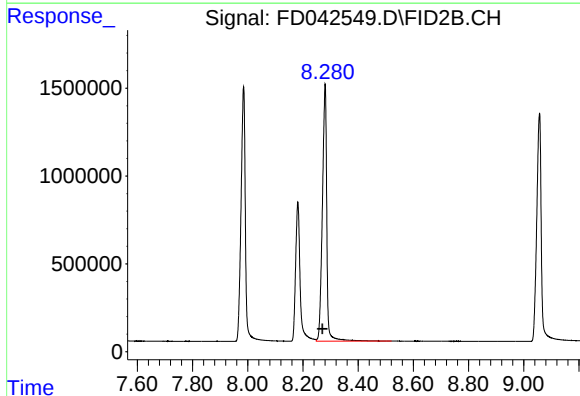
#5 Acenaphthylene (C15.06)

R.T.: 7.985 min
Delta R.T.: 0.003 min
Response: 15823048
Conc: 87.79 ug/ml



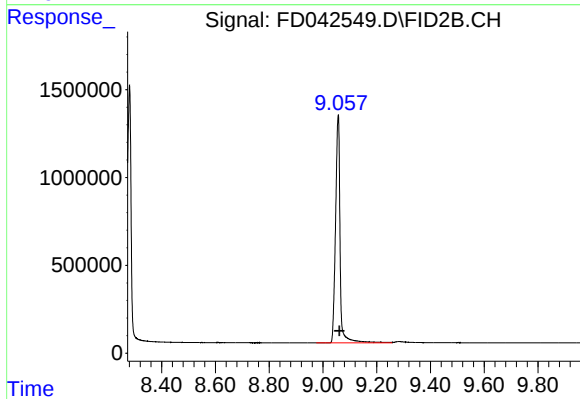
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.024 min
Response: 8950609
Conc: 119.25 ug/ml



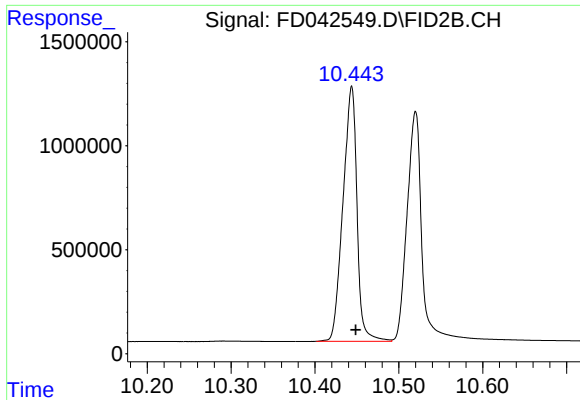
#7 Acenaphthene (C15.5)

R.T.: 8.280 min
Delta R.T.: 0.009 min
Response: 16246685
Conc: 79.43 ug/ml



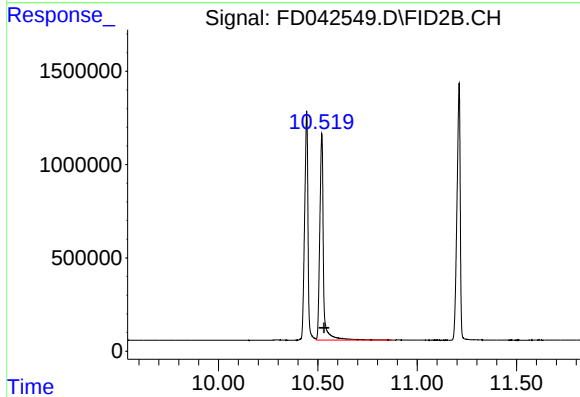
#8 Flouorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.005 min
Response: 15193949
Conc: 90.34 ug/ml



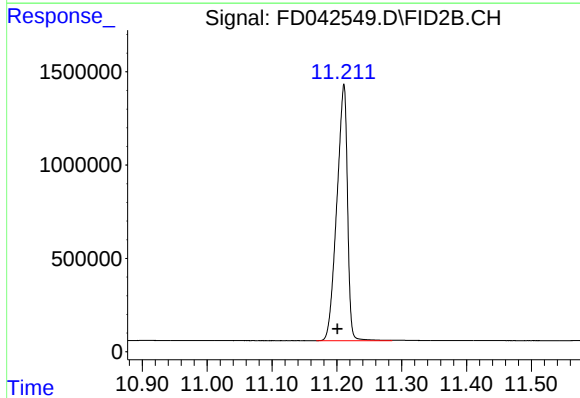
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.005 min
Response: 14268714
Conc: 96.62 ug/ml



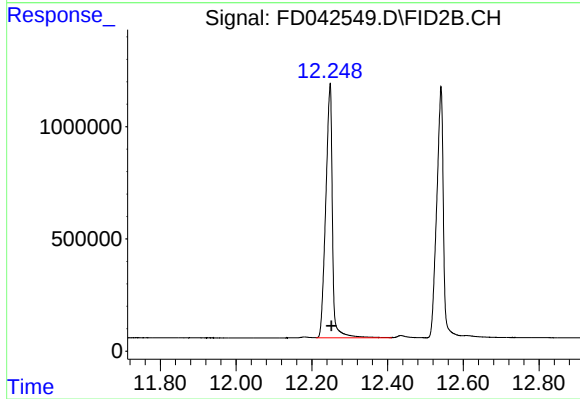
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.011 min
Response: 14168070
Conc: 86.50 ug/ml



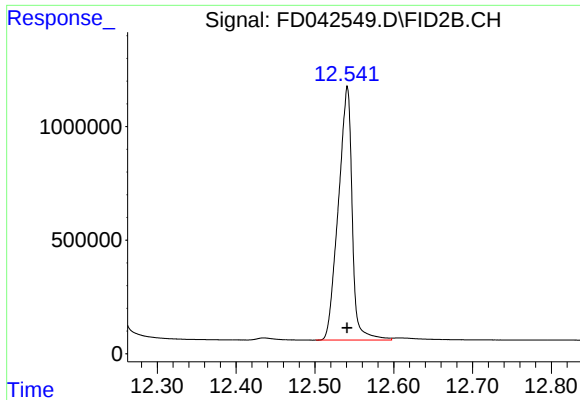
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min
Delta R.T.: 0.009 min
Response: 15674543
Conc: 85.57 ug/ml



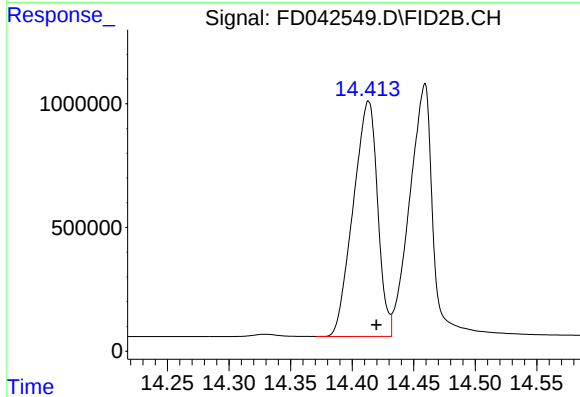
#12 Fluoranthene (C21.85)

R.T.: 12.247 min
Delta R.T.: -0.005 min
Response: 13817898
Conc: 91.71 ug/ml



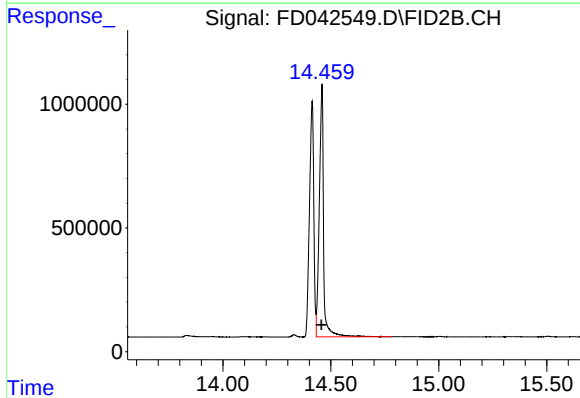
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: 0.000 min
Response: 13646596
Conc: 87.67 ug/ml



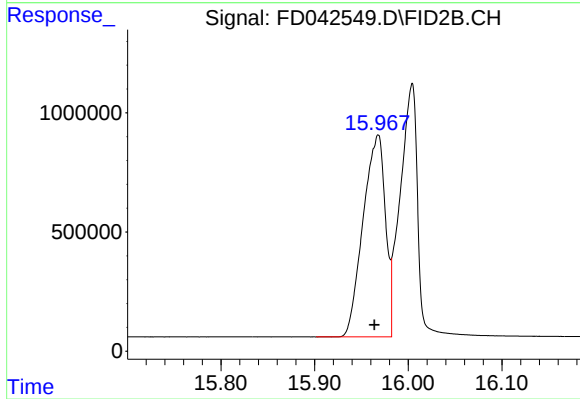
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.413 min
Delta R.T.: -0.007 min
Response: 13120406
Conc: 112.18 ug/ml



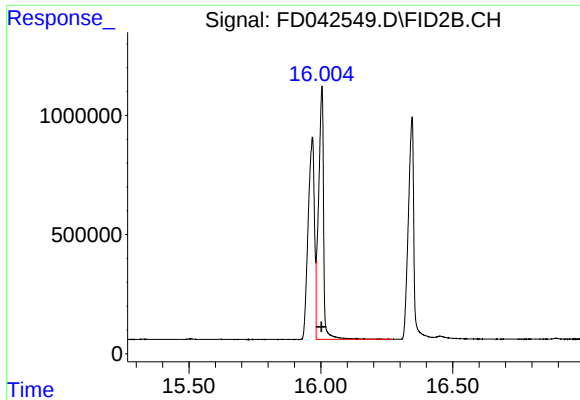
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: 0.000 min
Response: 13973278
Conc: 75.59 ug/ml



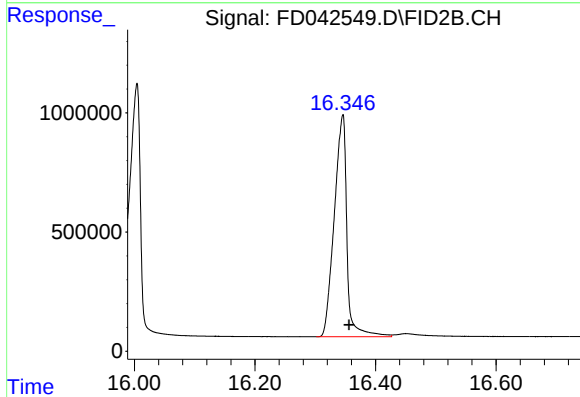
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.967 min
Delta R.T.: 0.003 min
Response: 14022397
Conc: 102.90 ug/ml



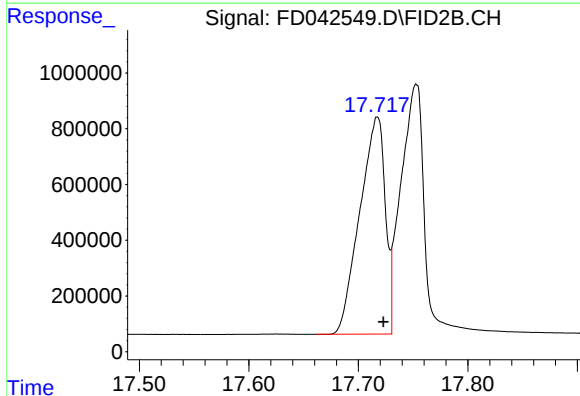
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min
Delta R.T.: 0.000 min
Response: 14043603
Conc: 77.25 ug/ml



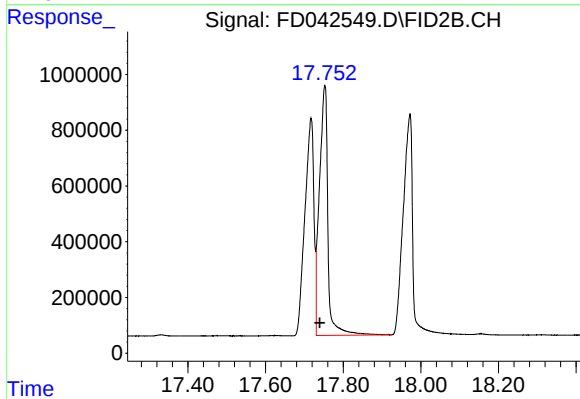
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.344 min
Delta R.T.: -0.012 min
Response: 13614900
Conc: 96.05 ug/ml



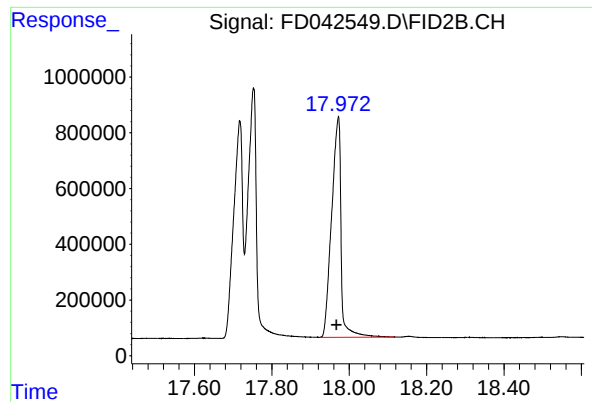
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.006 min
Response: 12632609
Conc: 117.10 ug/ml



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

R.T.: 17.752 min
Delta R.T.: 0.012 min
Response: 13605302
Conc: 91.66 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.004 min
Response: 13429347
Conc: 93.37 ug/ml