

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102921AR\
 Data File : FD039362.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2021 22:11
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 02:59:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 2021
 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...	7.757	2339718	20.165 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
6) S 2-Fluorobiphenyl (SURR)	8.627	1579729	19.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	11.670	2551108	20.001 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.546	2536613	20.611 ug/ml
2) T Naphthalene (C11.7)	6.093	2615313	20.179 ug/ml
3) T 2-Methylnaphthalene (...)	7.148	2642831	19.900 ug/ml
5) T Acenaphthylene (C15.06)	8.429	2478718	20.083 ug/ml
7) T Acenaphthene (C15.5)	8.725	2618970	20.078 ug/ml
8) T Fluorene (C16.55)	9.508	2550856	19.700 ug/ml
9) T Phenanthrene (C19.36)	10.911	2513647	19.464 ug/ml
10) T Anthracene (C19.43)	10.985	2360288	18.449 ug/ml
12) T Fluoranthene (C21.85)	12.727	2456795	18.857 ug/ml
13) T Pyrene (C20.8)	13.026	2352740	18.604 ug/ml
14) T Benzo[a]anthracene (C...	14.900	2159730	18.260 ug/ml
15) T Chrysene (C27.41)	14.943	2276476	18.098 ug/ml
16) T benzo[b]fluoranthene ...	16.453	2153936	18.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.485	2171734	18.455 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.833	2105131	18.495 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.201	2108757	19.698 ug/ml
20) T Dibenz[a,h]anthracene...	18.238	2097644	19.674 ug/ml
21) T Benzo[g,h,i]perylene ...	18.458	2094587	19.848 ug/ml

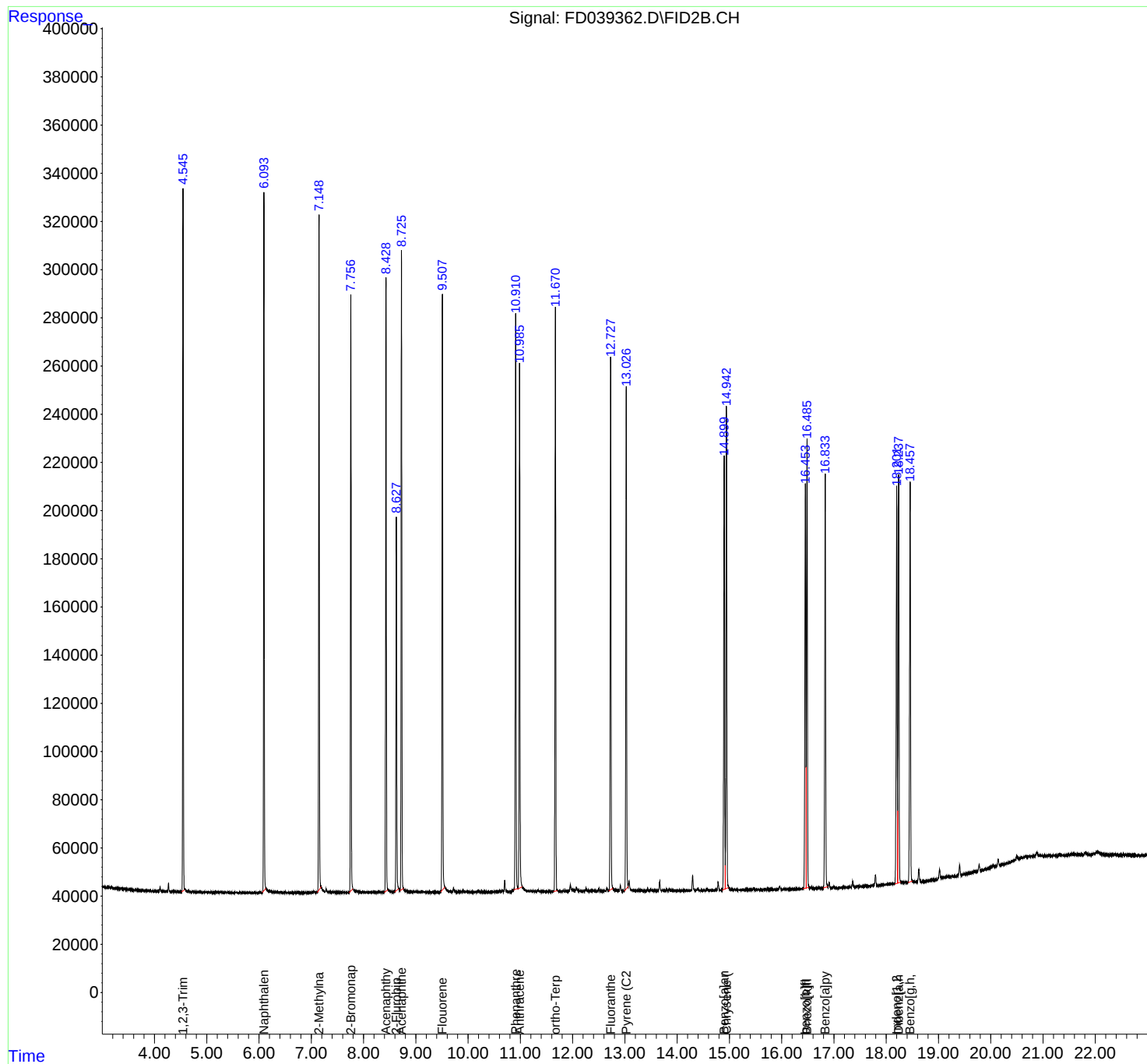
(f)=RT Delta > 1/2 Window

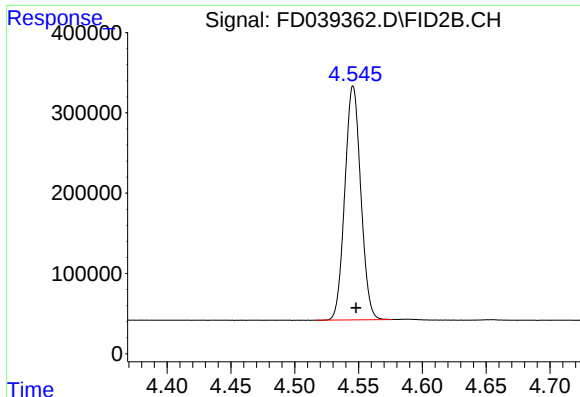
(m)=manual int.

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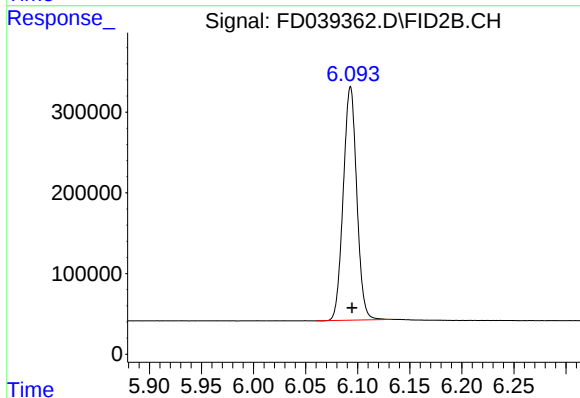
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





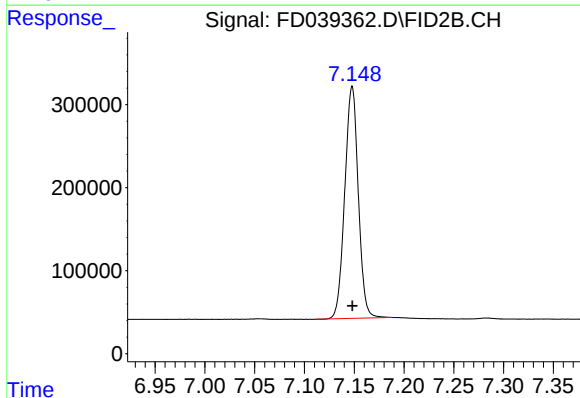
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.546 min
Delta R.T.: -0.002 min
Response: 2536613
Conc: 20.61 ug/ml



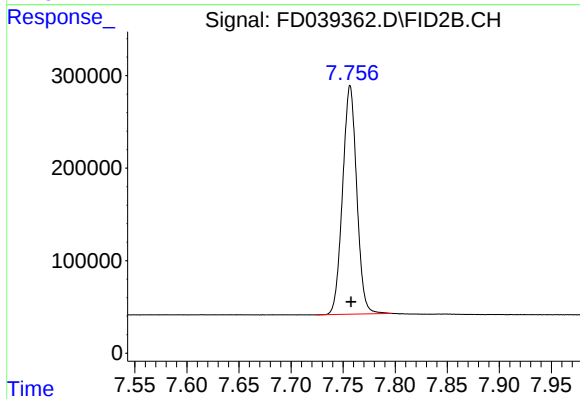
#2 Naphthalene (C11.7)

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2615313
Conc: 20.18 ug/ml



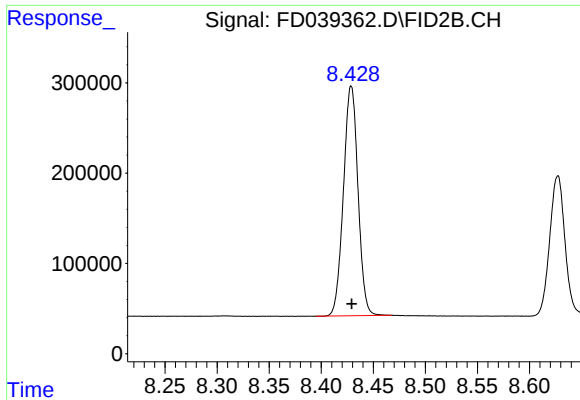
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 2642831
Conc: 19.90 ug/ml



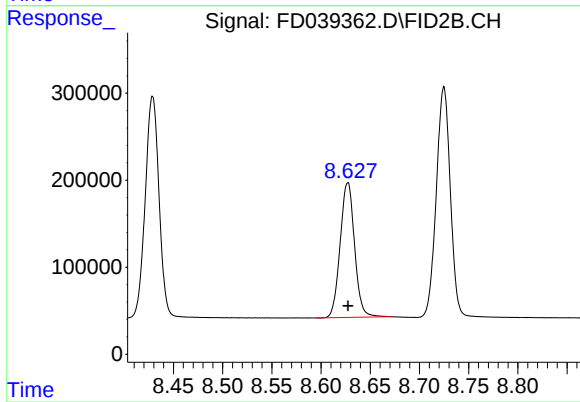
#4 2-Bromonaphthalene (SURR)

R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 2339718
Conc: 20.17 ug/ml



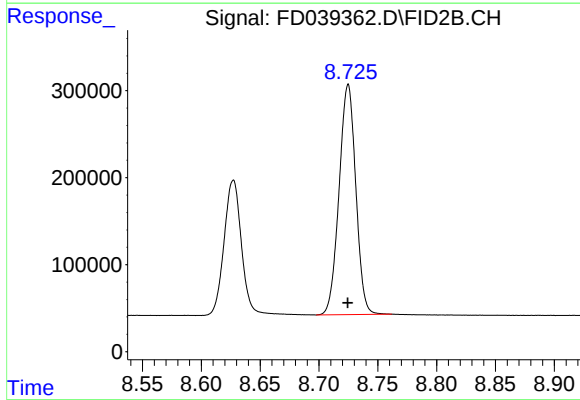
#5 Acenaphthylene (C15.06)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 2478718
Conc: 20.08 ug/ml



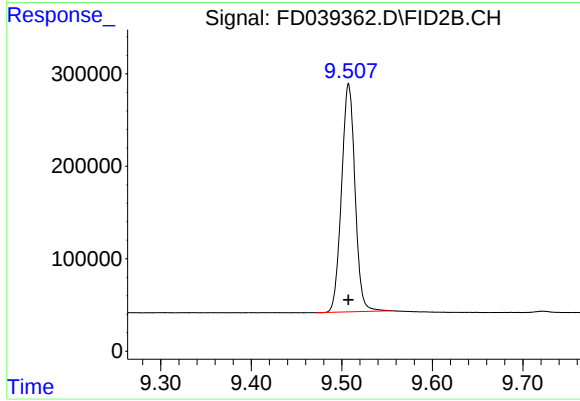
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 1579729
Conc: 19.70 ug/ml



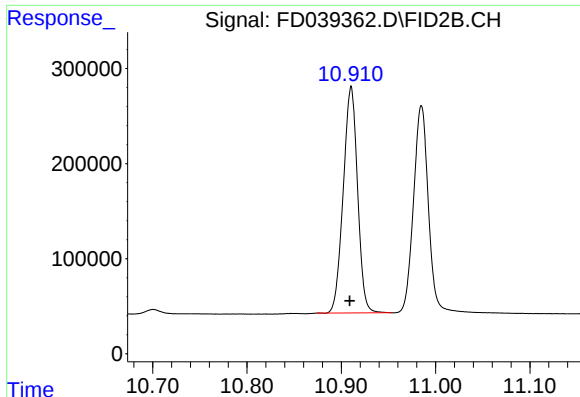
#7 Acenaphthene (C15.5)

R.T.: 8.725 min
Delta R.T.: 0.000 min
Response: 2618970
Conc: 20.08 ug/ml



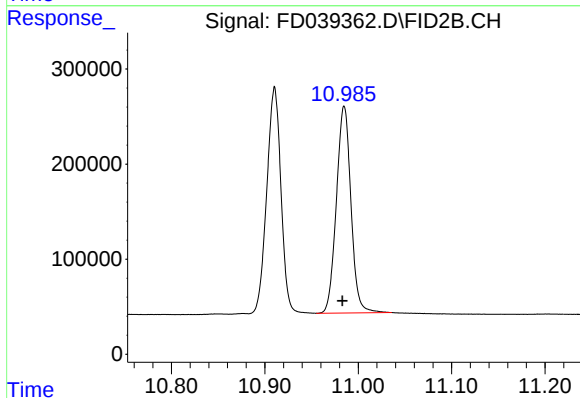
#8 Fluorene (C16.55)

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 2550856
Conc: 19.70 ug/ml



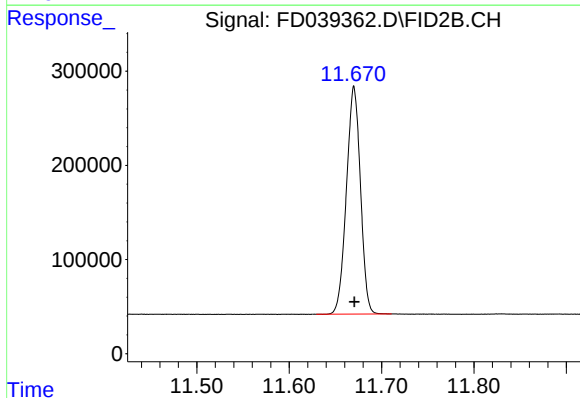
#9 Phenanthrene (C19.36)

R.T.: 10.911 min
Delta R.T.: 0.002 min
Response: 2513647
Conc: 19.46 ug/ml



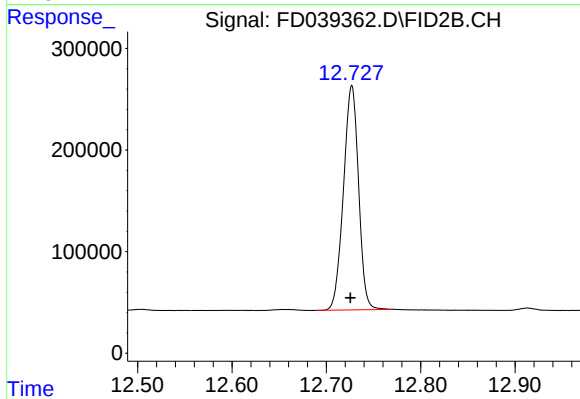
#10 Anthracene (C19.43)

R.T.: 10.985 min
Delta R.T.: 0.002 min
Response: 2360288
Conc: 18.45 ug/ml



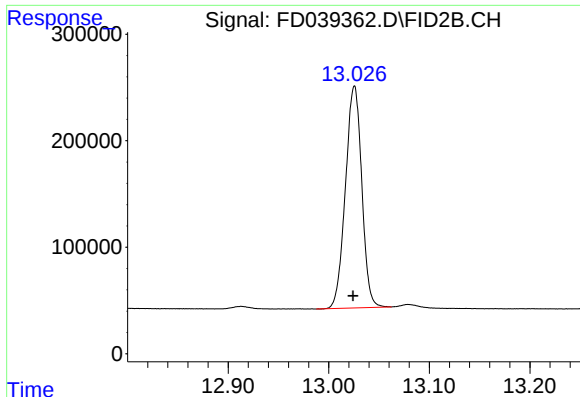
#11 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 2551108
Conc: 20.00 ug/ml



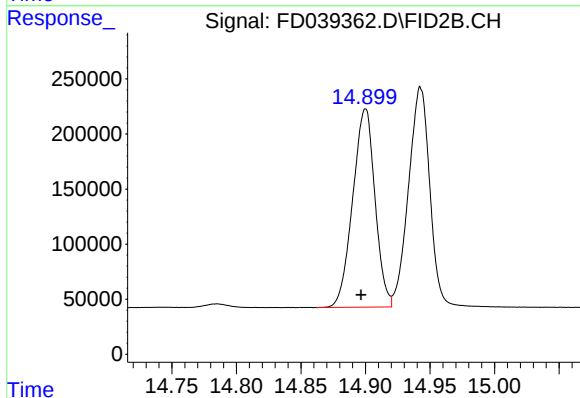
#12 Fluoranthene (C21.85)

R.T.: 12.727 min
Delta R.T.: 0.002 min
Response: 2456795
Conc: 18.86 ug/ml



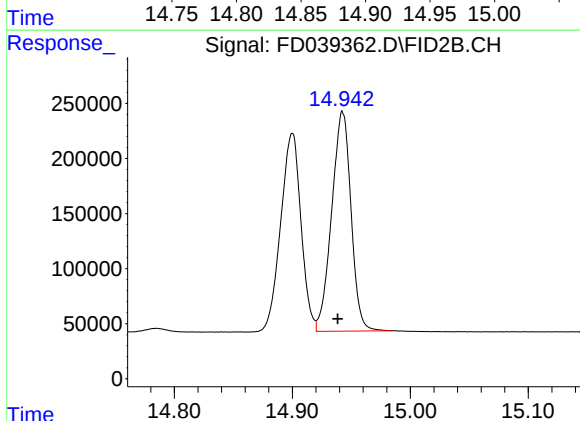
#13 Pyrene (C20.8)

R.T.: 13.026 min
Delta R.T.: 0.001 min
Response: 2352740
Conc: 18.60 ug/ml



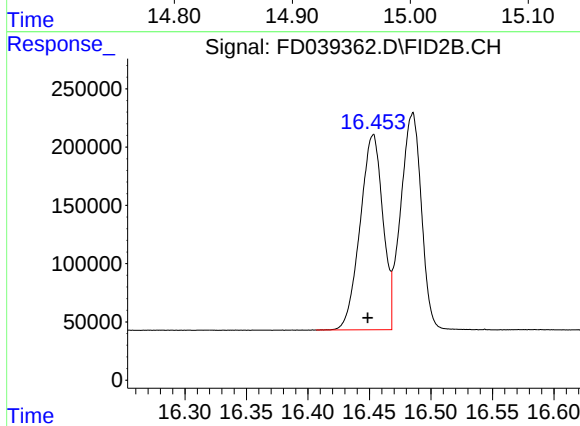
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.900 min
Delta R.T.: 0.004 min
Response: 2159730
Conc: 18.26 ug/ml



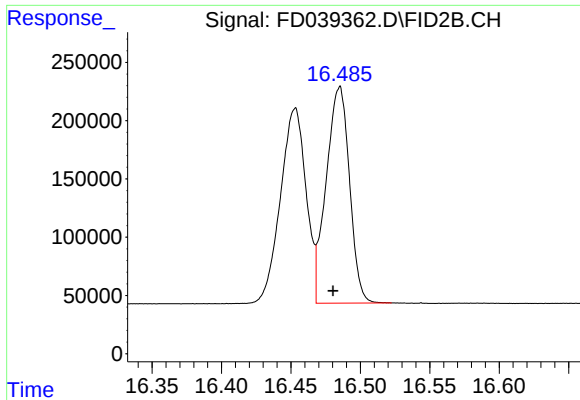
#15 Chrysene (C27.41)

R.T.: 14.943 min
Delta R.T.: 0.004 min
Response: 2276476
Conc: 18.10 ug/ml



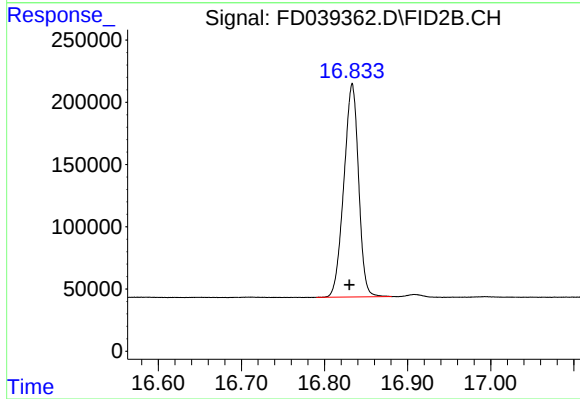
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.453 min
Delta R.T.: 0.004 min
Response: 2153936
Conc: 18.36 ug/ml



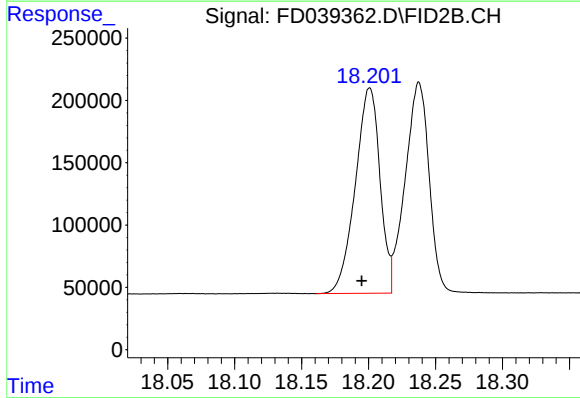
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.485 min
Delta R.T.: 0.005 min
Response: 2171734
Conc: 18.45 ug/ml



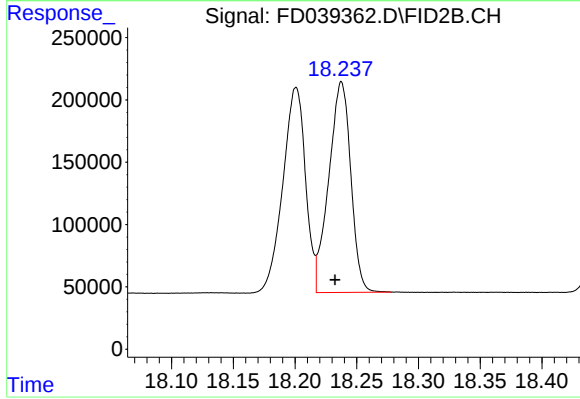
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.833 min
Delta R.T.: 0.003 min
Response: 2105131
Conc: 18.50 ug/ml



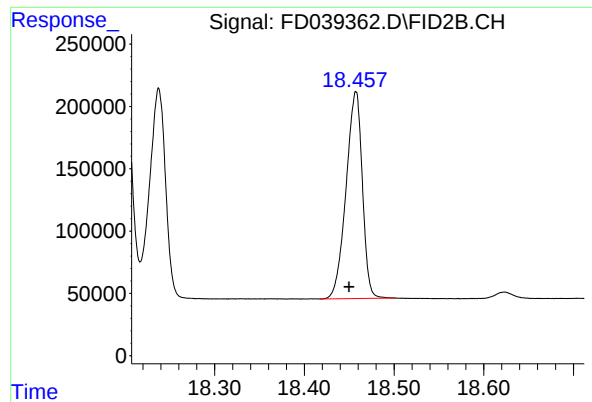
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min
Delta R.T.: 0.006 min
Response: 2108757
Conc: 19.70 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.005 min
Response: 2097644
Conc: 19.67 ug/ml



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

R.T.: 18.458 min
Delta R.T.: 0.008 min
Response: 2094587
Conc: 19.85 ug/ml