

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071219AR\
 Data File : FD029749.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2019 12:39
 Operator : DD\AJ
 Sample : K3591-09
 Misc : AR MDL 2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 00:56:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.695	6379612	40.316 ug/ml
Spiked Amount 50.000		Recovery =	80.63%
6) S 2-Fluorobiphenyl (SURR)	8.559	4311701	40.140 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.28%
11) S ortho-Terphenyl (SURR)	11.597	7698950	45.365 ug/ml
Spiked Amount 50.000		Recovery =	90.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	425396	2.516 ug/ml
2) T Naphthalene (C11.7)	6.034	461502	2.579 ug/ml
3) T 2-Methylnaphthalene (...)	7.083	450569	2.554 ug/ml
5) T Acenaphthylene (C15.06)	8.359	434378	2.566 ug/ml
7) T Acenaphthene (C15.5)	8.654	447370	2.539 ug/ml
8) T Fluorene (C16.55)	9.432	448644	2.568 ug/ml
9) T Phenanthrene (C19.36)	10.826	437997	2.526 ug/ml
10) T Anthracene (C19.43)	10.900	417169	2.467 ug/ml
12) T Fluoranthene (C21.85)	12.634	443750	2.591 ug/ml
13) T Pyrene (C20.8)	12.930	438814	2.580 ug/ml
14) T Benzo[a]anthracene (C...	14.794	395272	2.536 ug/ml
15) T Chrysene (C27.41)	14.836	407525	2.615 ug/ml
16) T benzo[b]fluoranthene ...	16.337	377020	2.582 ug/ml
17) T Bnezo[k]fluoranthene ...	16.368	371437	2.568 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.714	351703	2.508 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.072	305292	2.396 ug/ml
20) T Dibenz[a,h]anthracene...	18.113	375812	3.005 ug/ml
21) T Benzo[g,h,i]perylene ...	18.324	301141	2.414 ug/ml

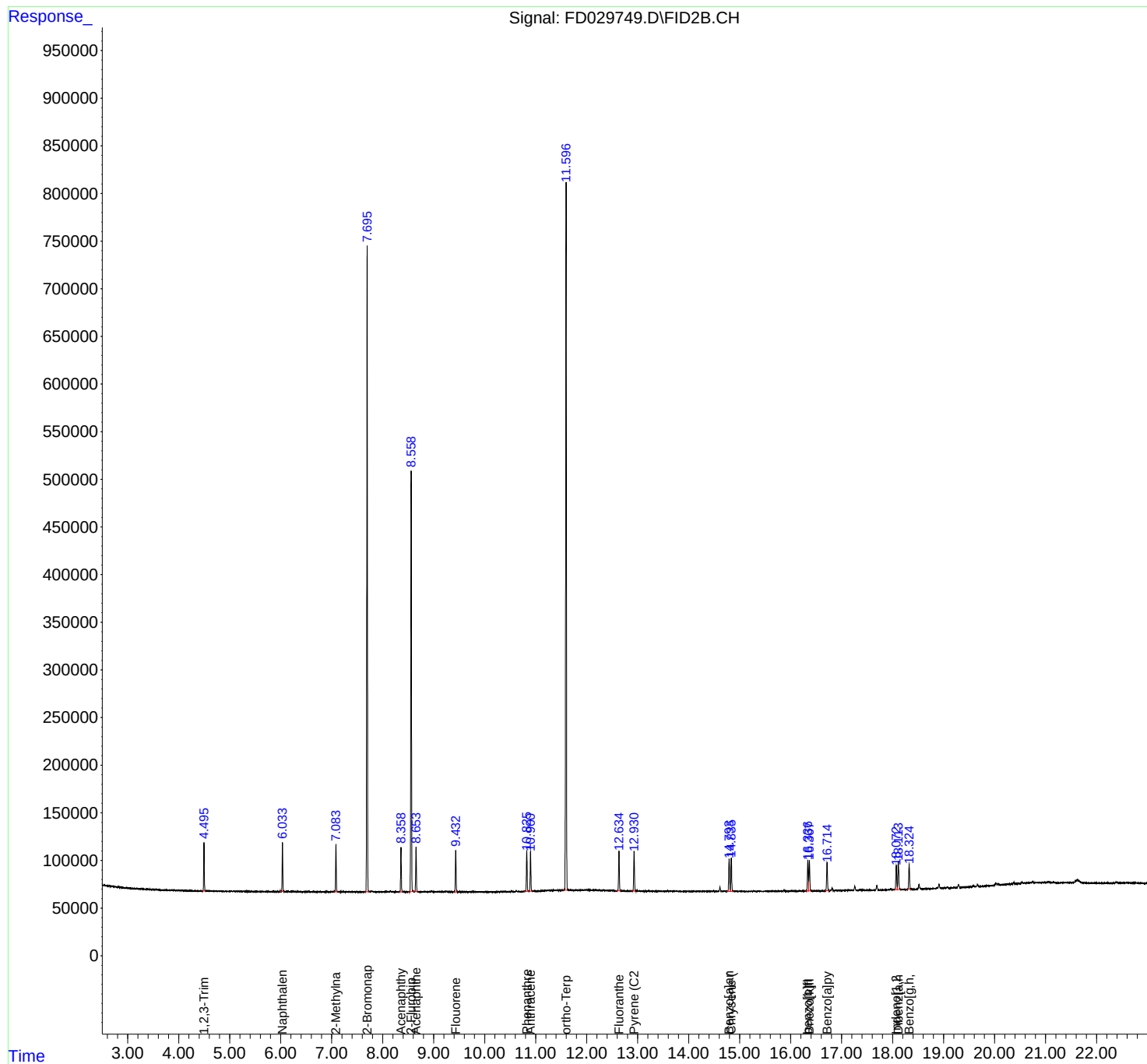
(f)=RT Delta > 1/2 Window

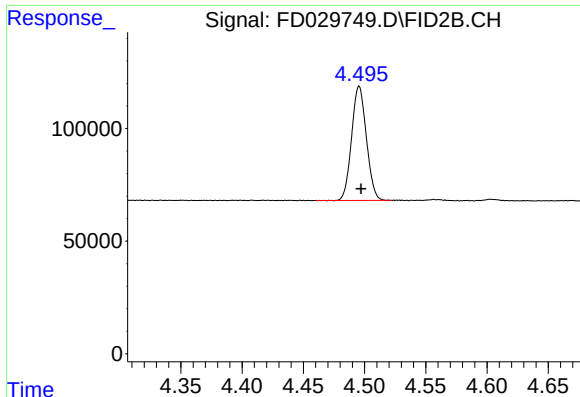
(m)=manual int.

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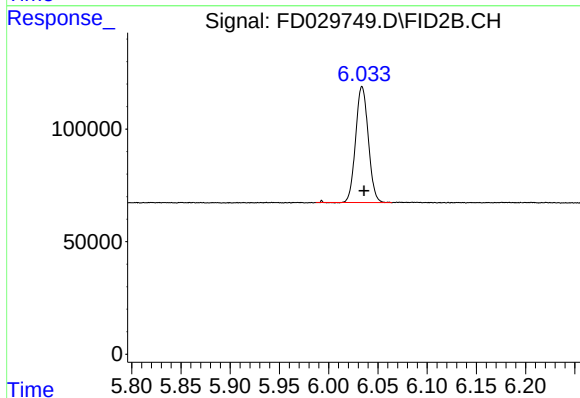
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Signal Info : 20M x 0.18mm x 0.18µm





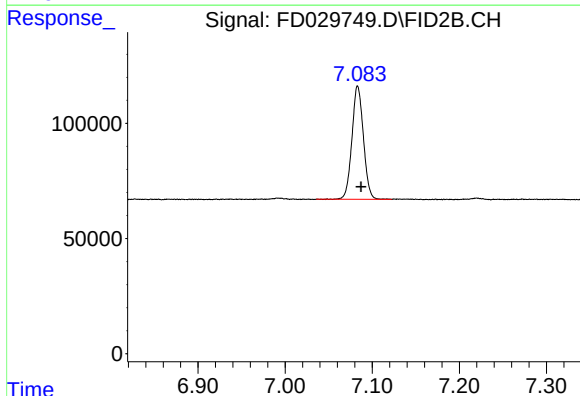
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 425396
Conc: 2.52 ug/ml



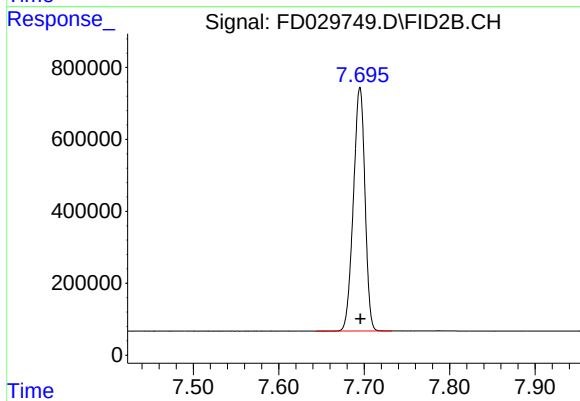
#2 Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 461502
Conc: 2.58 ug/ml



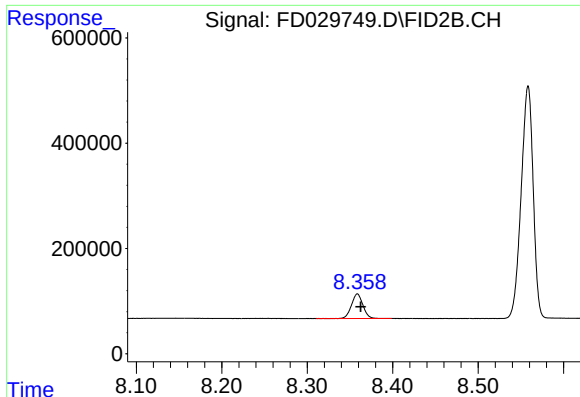
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 450569
Conc: 2.55 ug/ml



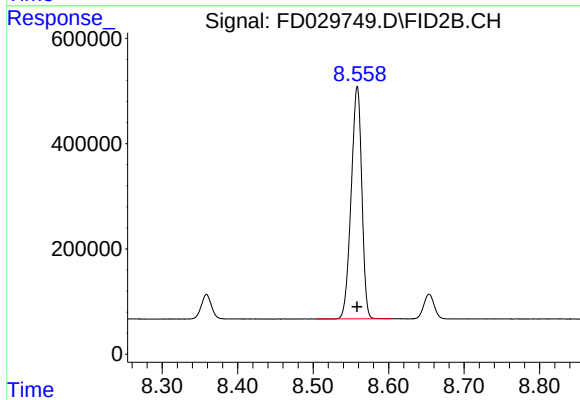
#4 2-Bromonaphthalene (SURR)

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 6379612
Conc: 40.32 ug/ml



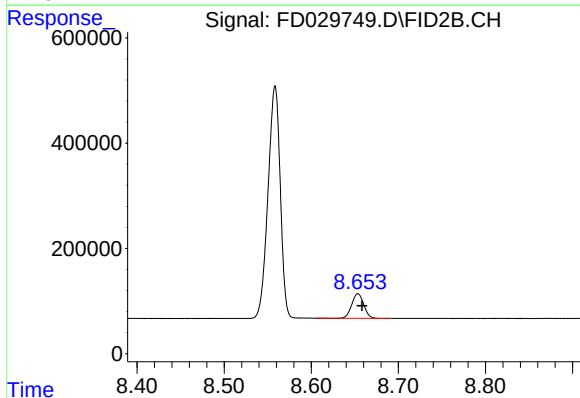
#5 Acenaphthylene (C15.06)

R.T.: 8.359 min
Delta R.T.: -0.004 min
Response: 434378
Conc: 2.57 ug/ml



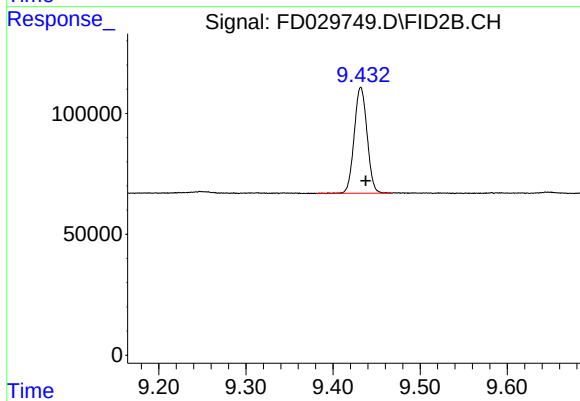
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 4311701
Conc: 40.14 ug/ml



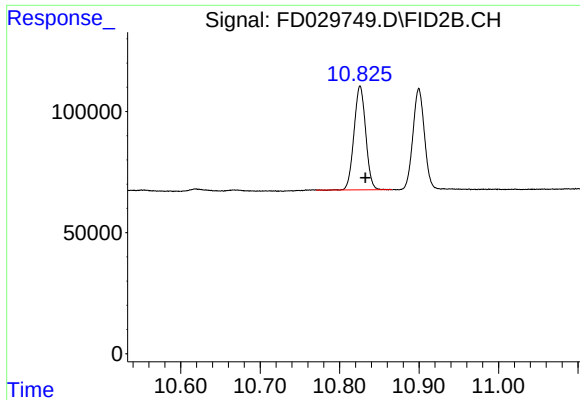
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.005 min
Response: 447370
Conc: 2.54 ug/ml



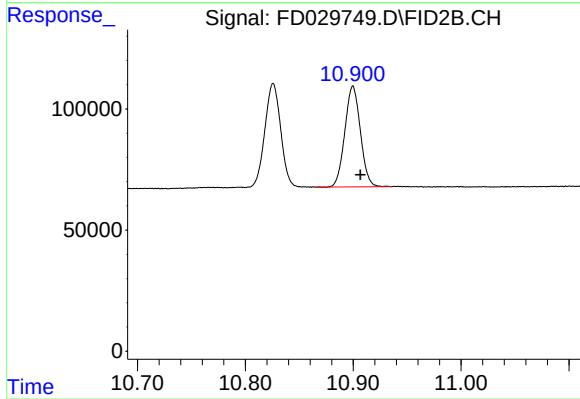
#8 Flouorene (C16.55)

R.T.: 9.432 min
Delta R.T.: -0.006 min
Response: 448644
Conc: 2.57 ug/ml



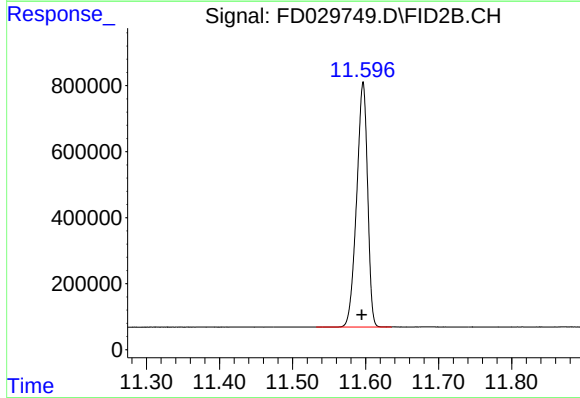
#9 Phenanthrene (C19.36)

R.T.: 10.826 min
Delta R.T.: -0.006 min
Response: 437997
Conc: 2.53 ug/ml



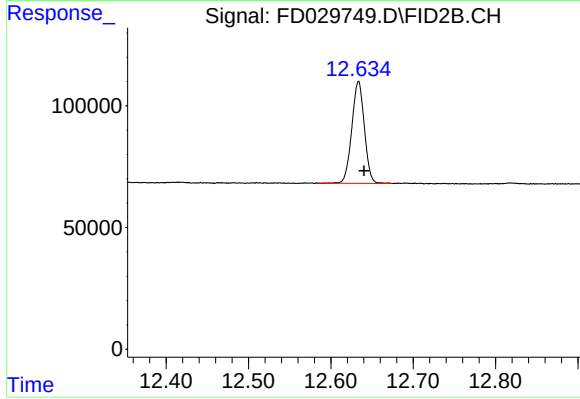
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: -0.007 min
Response: 417169
Conc: 2.47 ug/ml



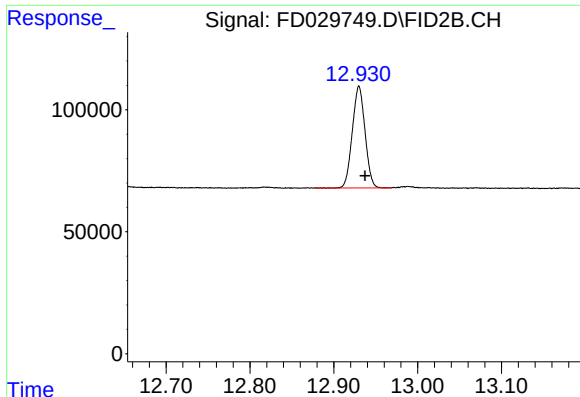
#11 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: 0.002 min
Response: 7698950
Conc: 45.36 ug/ml



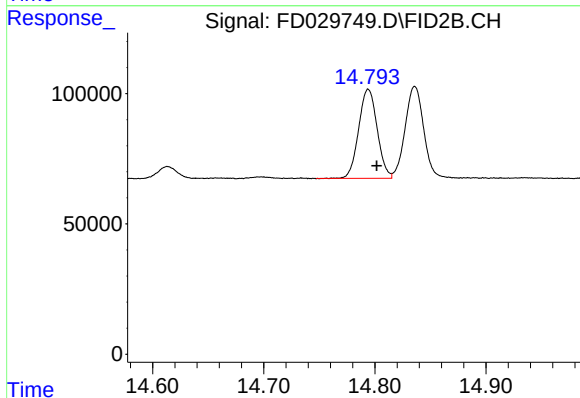
#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: -0.007 min
Response: 443750
Conc: 2.59 ug/ml



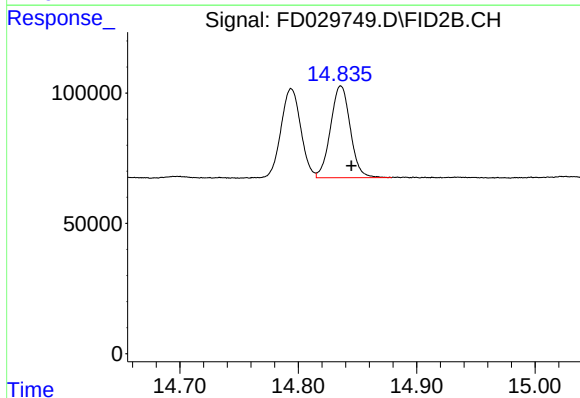
#13 Pyrene (C20.8)

R.T.: 12.930 min
Delta R.T.: -0.007 min
Response: 438814
Conc: 2.58 ug/ml



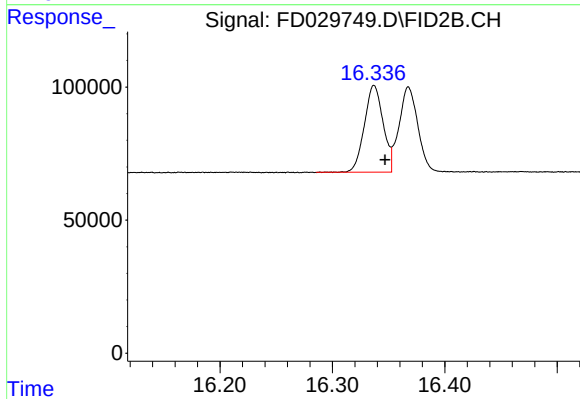
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min
Delta R.T.: -0.007 min
Response: 395272
Conc: 2.54 ug/ml



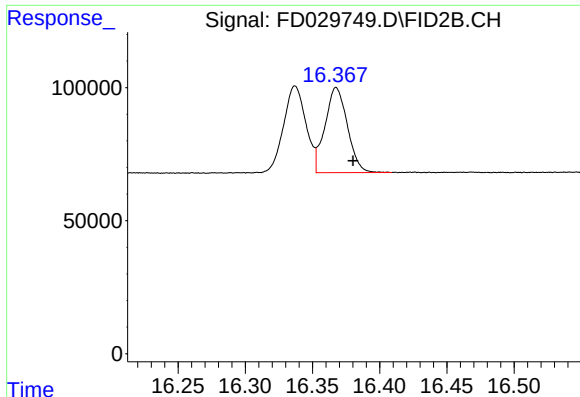
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: -0.009 min
Response: 407525
Conc: 2.61 ug/ml



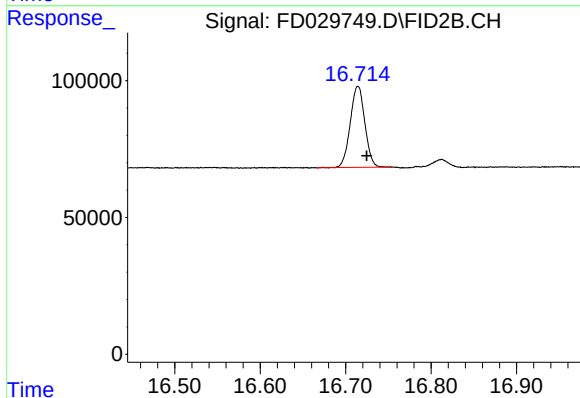
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.337 min
Delta R.T.: -0.010 min
Response: 377020
Conc: 2.58 ug/ml



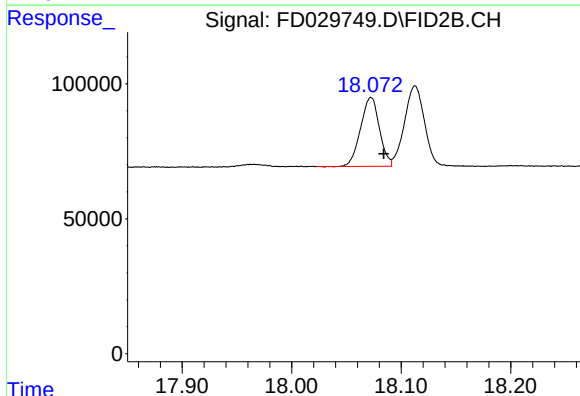
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.368 min
Delta R.T.: -0.012 min
Response: 371437
Conc: 2.57 ug/ml



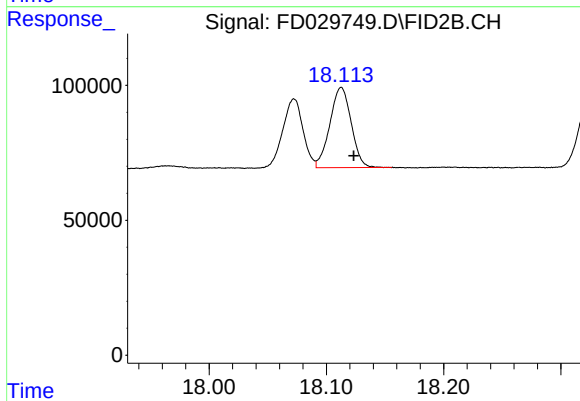
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.714 min
Delta R.T.: -0.010 min
Response: 351703
Conc: 2.51 ug/ml



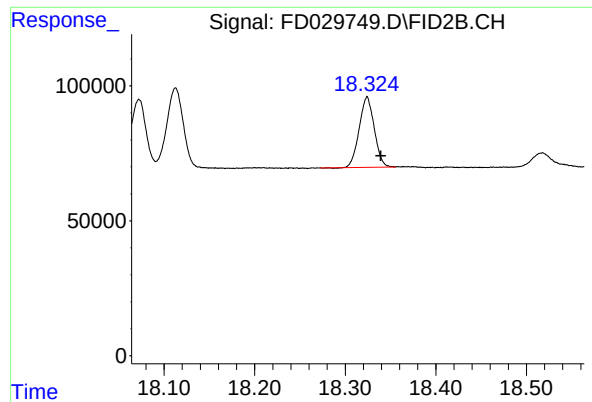
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.072 min
Delta R.T.: -0.012 min
Response: 305292
Conc: 2.40 ug/ml



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

R.T.: 18.113 min
Delta R.T.: -0.011 min
Response: 375812
Conc: 3.01 ug/ml



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

R.T.: 18.324 min
Delta R.T.: -0.015 min
Response: 301141
Conc: 2.41 ug/ml