

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031423AR\
 Data File : FD045291.D
 Signal(s) : FID2B.ch
 Acq On : 14 Mar 2023 20:29
 Operator : YP/AJ
 Sample : 01898-03MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 03:56:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.551	6226471	45.881 ug/ml
Spiked Amount 50.000		Recovery =	91.76%
6) S 2-Fluorobiphenyl (SURR)	8.408	3829801	42.774 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.55%
11) S ortho-Terphenyl (SURR)	11.450	6616116	39.747 ug/ml
Spiked Amount 50.000		Recovery =	79.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	4074863	26.906 ug/ml
2) T Naphthalene (C11.7)	5.889	4880727	30.895 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	5094879	32.060 ug/ml
5) T Acenaphthylene (C15.06)	8.211	5553726	38.732 ug/ml
7) T Acenaphthene (C15.5)	8.508	6654993	43.907 ug/ml
8) T Fluorene (C16.55)	9.286	5746289	39.029 ug/ml
9) T Phenanthrene (C19.36)	10.693	22225093	155.665 ug/ml
10) T Anthracene (C19.43)	10.759	8105884	57.846 ug/ml
12) T Fluoranthene (C21.85)	12.508	28201383	201.885 ug/ml
13) T Pyrene (C20.8)	12.801	22694583	166.654 ug/ml
14) T Benzo[a]anthracene (C...	14.660	14780618	115.950 ug/ml
15) T Chrysene (C27.41)	14.708	13780780	105.739 ug/mlm
16) T benzo[b]fluoranthene ...	16.212	15645406	121.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.240	7251681	57.447 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.585	10401206	82.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	8752145	73.161 ug/ml
20) T Dibenz[a,h]anthracene...	17.975	5334247	44.223 ug/ml
21) T Benzo[g,h,i]perylene ...	18.196	7974728	64.093 ug/ml

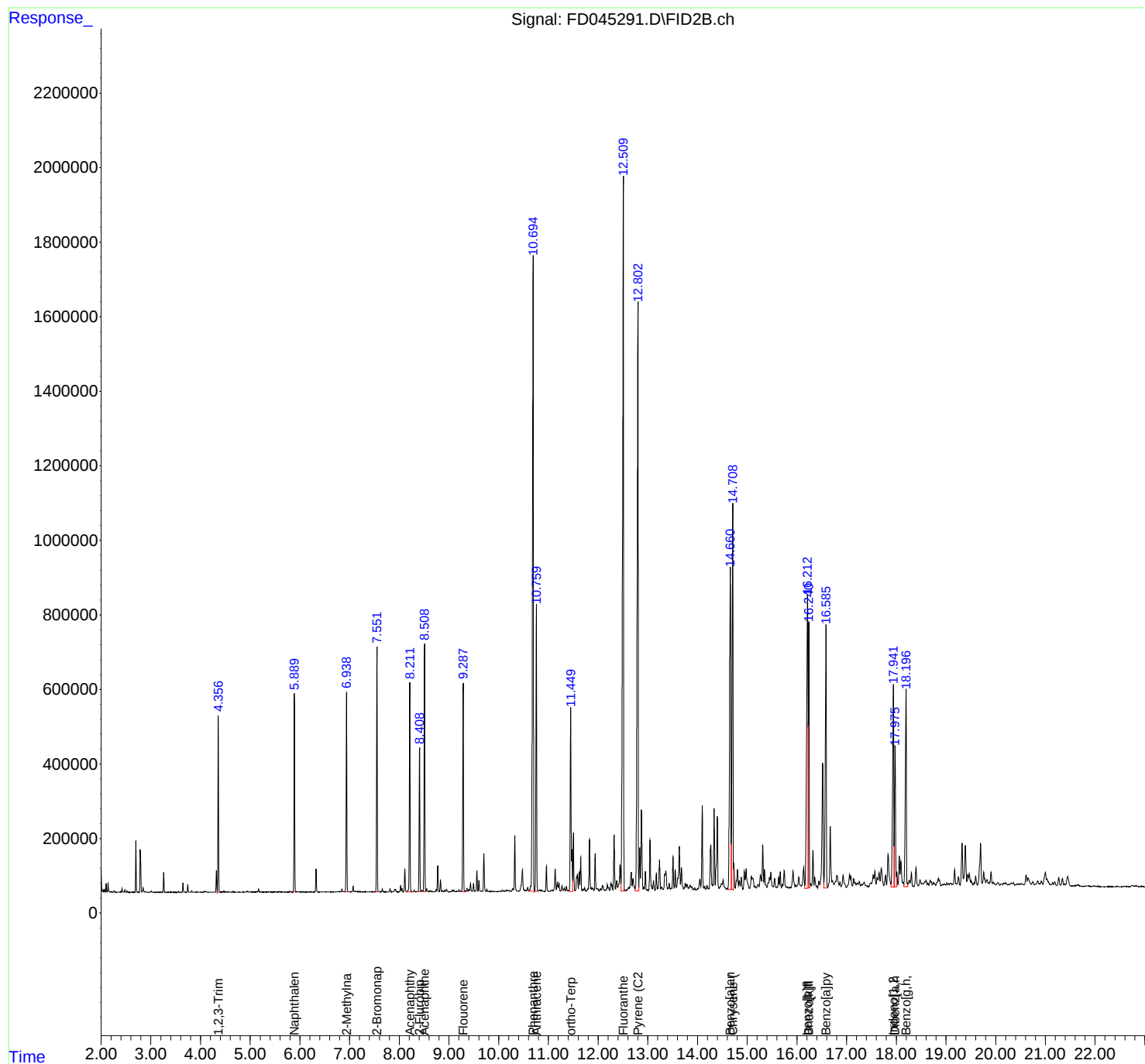
(f)=RT Delta > 1/2 Window

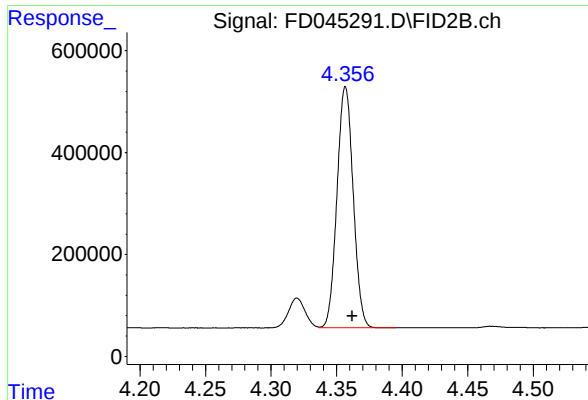
(m)=manual int.

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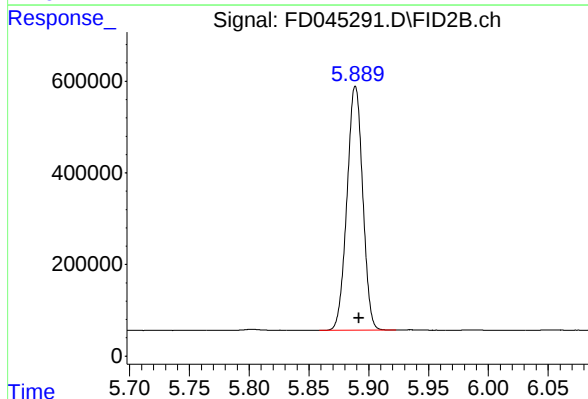
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Signal Info : 20M x 0.18mm x 0.18µm





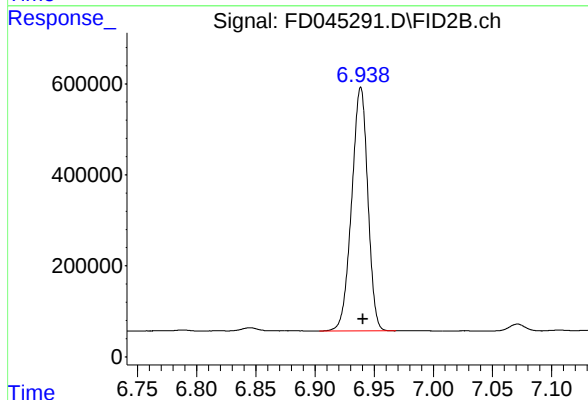
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 4074863
Conc: 26.91 ug/ml



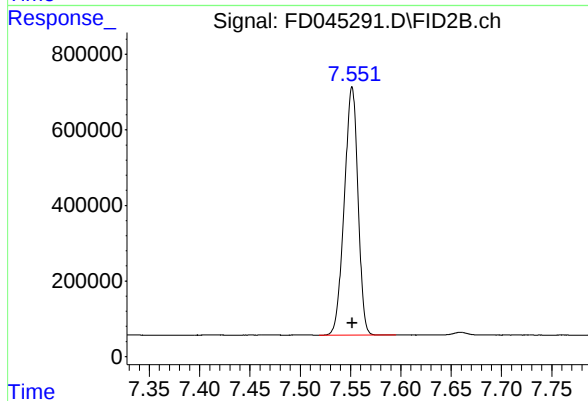
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 4880727
Conc: 30.90 ug/ml



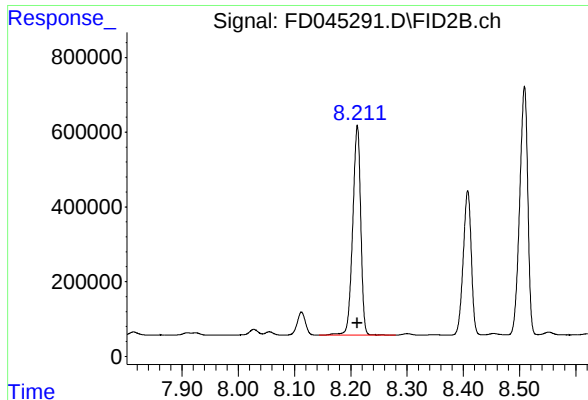
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 5094879
Conc: 32.06 ug/ml



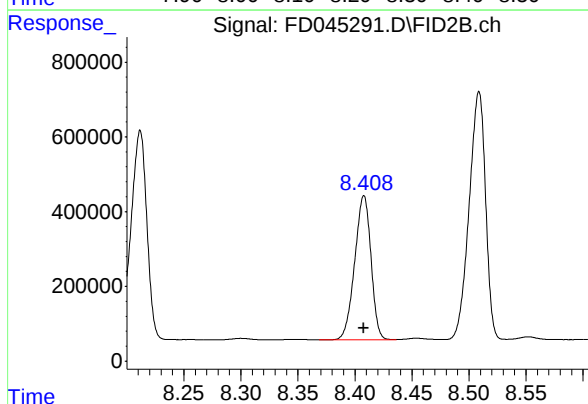
#4 2-Bromonaphthalene (SURR)

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 6226471
Conc: 45.88 ug/ml



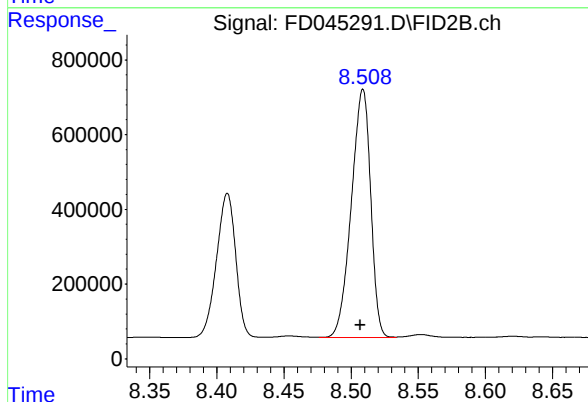
#5 Acenaphthylene (C15.06)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 5553726
Conc: 38.73 ug/ml



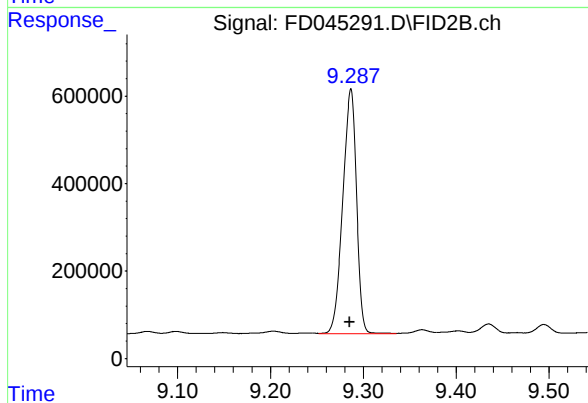
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3829801
Conc: 42.77 ug/ml



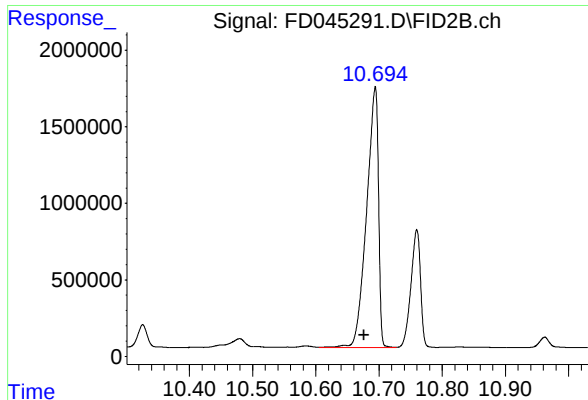
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: 0.001 min
Response: 6654993
Conc: 43.91 ug/ml



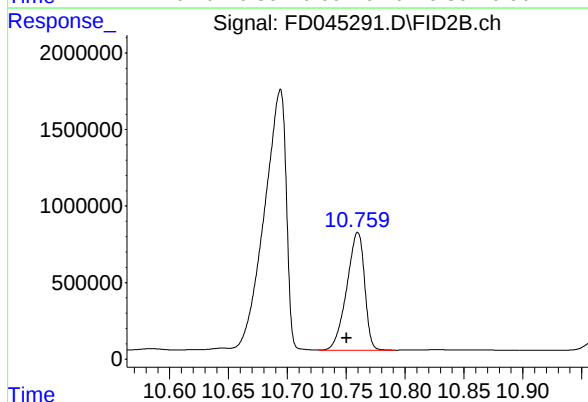
#8 Fluorene (C16.55)

R.T.: 9.286 min
Delta R.T.: 0.000 min
Response: 5746289
Conc: 39.03 ug/ml



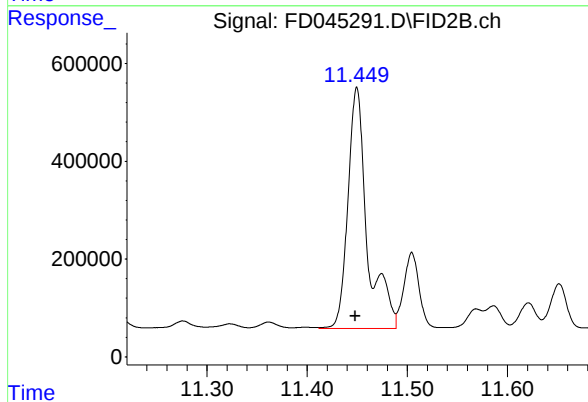
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: 0.017 min
Response: 22225093
Conc: 155.67 ug/ml



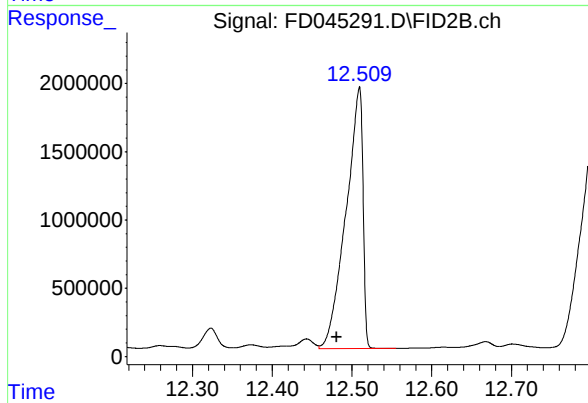
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: 0.009 min
Response: 8105884
Conc: 57.85 ug/ml



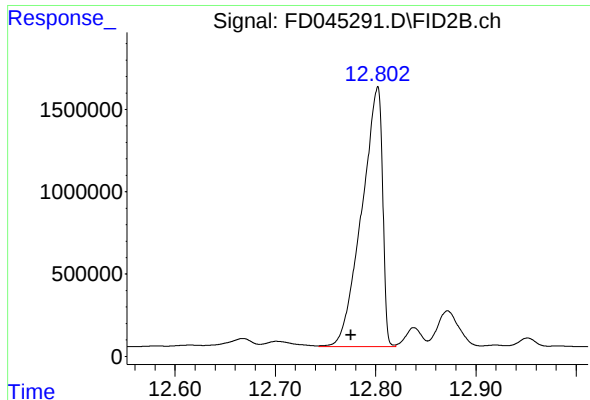
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: 0.002 min
Response: 6616116
Conc: 39.75 ug/ml



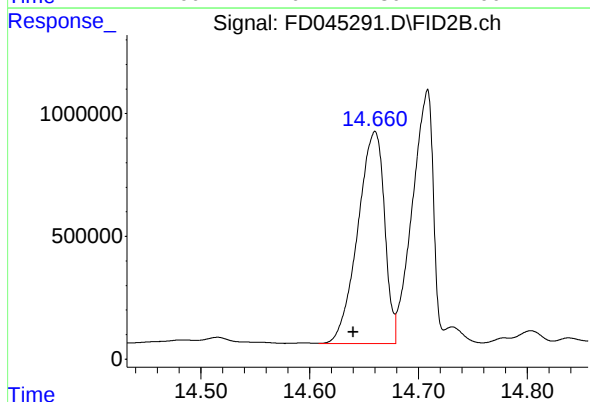
#12 Fluoranthene (C21.85)

R.T.: 12.508 min
Delta R.T.: 0.027 min
Response: 28201383
Conc: 201.89 ug/ml



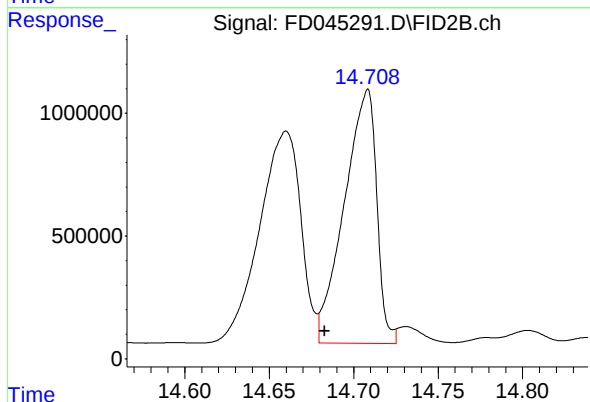
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: 0.025 min
Response: 22694583
Conc: 166.65 ug/ml



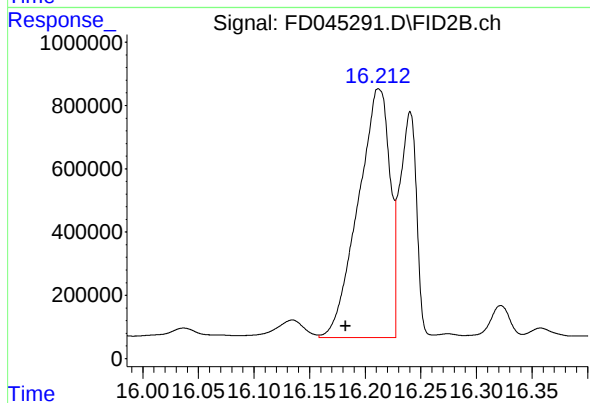
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.660 min
Delta R.T.: 0.019 min
Response: 14780618
Conc: 115.95 ug/ml



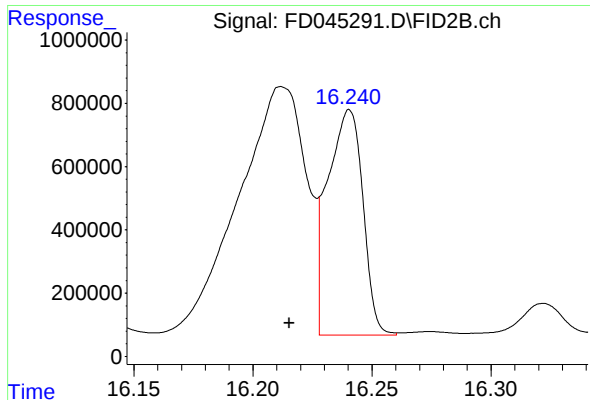
#15 Chrysene (C27.41)

R.T.: 14.708 min
Delta R.T.: 0.025 min
Response: 13780780
Conc: 105.74 ug/ml m



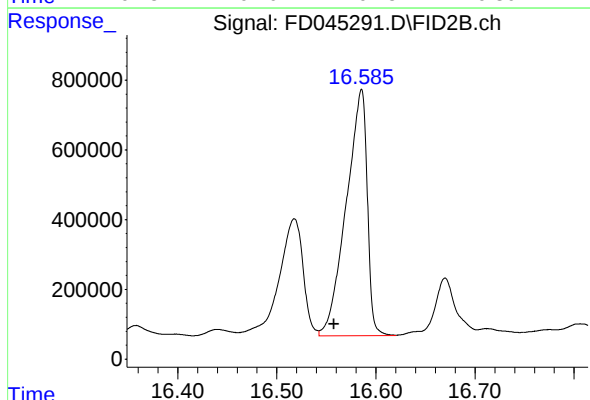
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.212 min
Delta R.T.: 0.030 min
Response: 15645406
Conc: 121.36 ug/ml



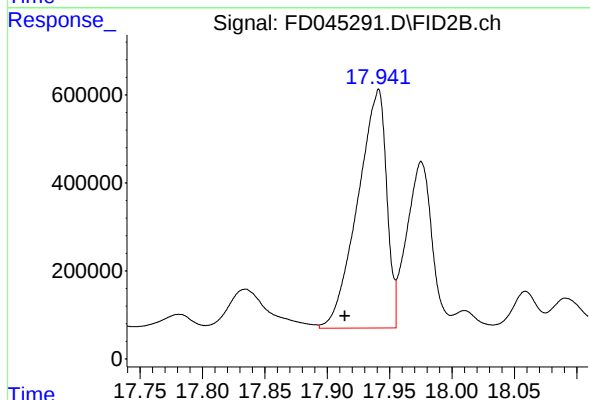
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.240 min
Delta R.T.: 0.025 min
Response: 7251681
Conc: 57.45 ug/ml m



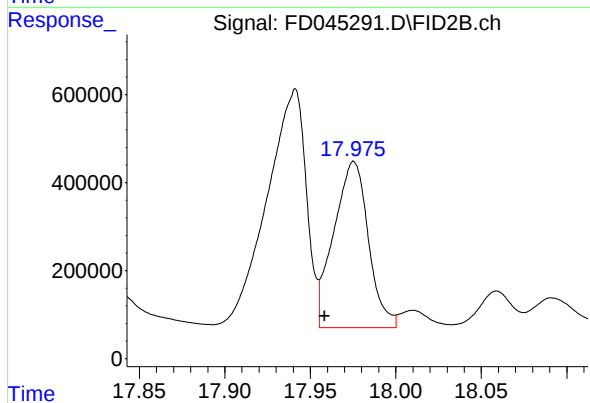
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.585 min
Delta R.T.: 0.027 min
Response: 10401206
Conc: 82.64 ug/ml



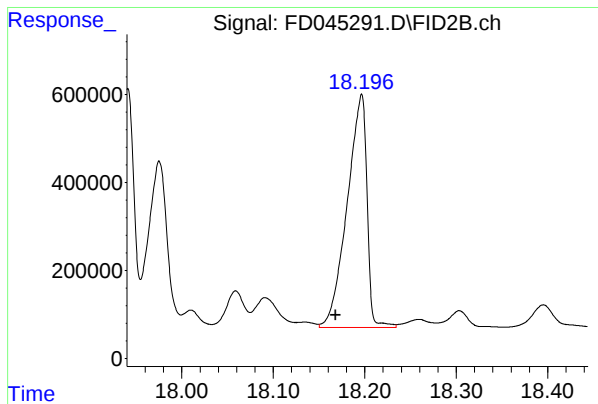
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: 0.026 min
Response: 8752145
Conc: 73.16 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.017 min
Response: 5334247
Conc: 44.22 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.027 min
Response: 7974728
Conc: 64.09 ug/ml