Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070820AR\
Data File : FD033928.D
Signal(s) : FID2B.CH
Acq On : 08 Jul 2020 4:11
Operator : DD\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jul 08 06:17:06 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
Quant Title : GC Extractables
QLast Update : Wed Jul 08 06:16:04 2020
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...	7.713	5783659	47.738 ug/ml
Spiked Amount	50.000		Recovery =	95.48%
6) S	2-Flurobiphenyl (SURR)	8.578	4070802	47.646 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	95.29%
11) S	ortho-Terphenyl (SURR)	11.622	6468865	47.321 ug/ml
Spiked Amount	50.000		Recovery =	94.64%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.506	6358512	47.842 ug/ml
2) T	Naphthalene (C11.7)	6.049	6667572	47.786 ug/ml
3) T	2-Methylnaphthalene (...	7.103	6699016	47.707 ug/ml
5) T	Acenaphthylene (C15.06)	8.381	6426454	47.525 ug/ml
7) T	Acenaphthene (C15.5)	8.679	6569354	47.565 ug/ml
8) T	Flouorene (C16.55)	9.459	6444636	47.518 ug/ml
9) T	Phenanthrene (C19.36)	10.857	6407741	47.349 ug/ml
10) T	Anthracene (C19.43)	10.933	6336258	47.378 ug/ml
12) T	Fluoranthene (C21.85)	12.670	6334749	47.260 ug/ml
13) T	Pyrene (C20.8)	12.968	6178432	47.261 ug/ml
14) T	Benzo[a]anthracene (C...	14.837	5953591	47.703 ug/ml
15) T	Chrysene (C27.41)	14.882	5935164	47.626 ug/ml
16) T	benzo[b]fluoranthene ...	16.387	5723087	48.417 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.423	5563702	48.282 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.767	5606323	48.571 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.130	5426075	49.751 ug/ml
20) T	Dibenz[a,h]anthracene...	18.169	5312674	48.702 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.388	5369364	49.319 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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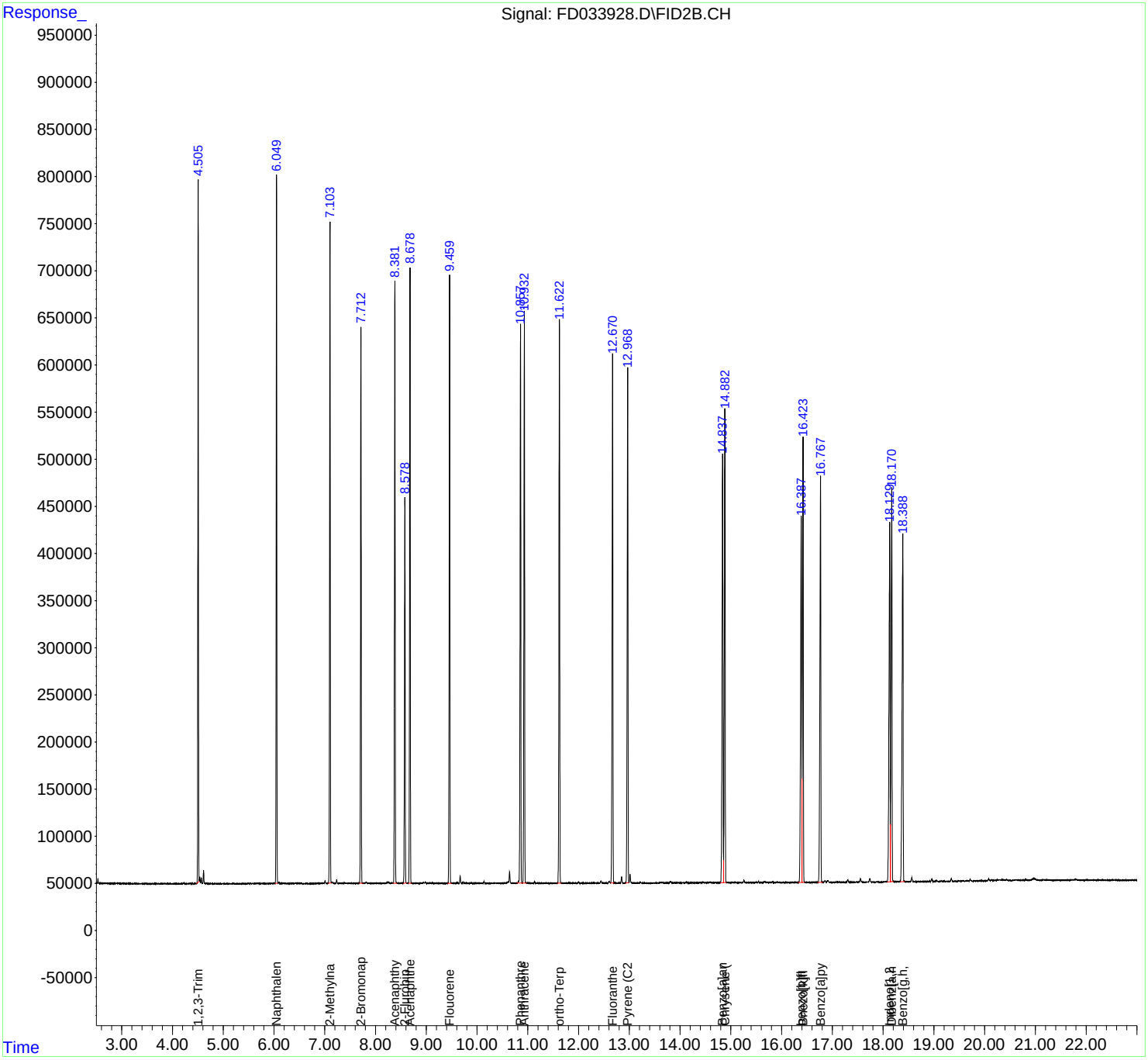
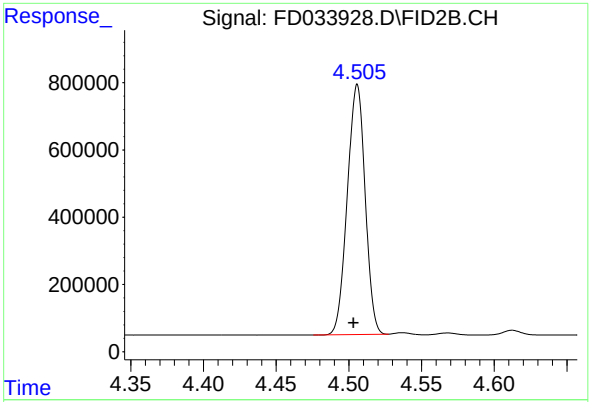
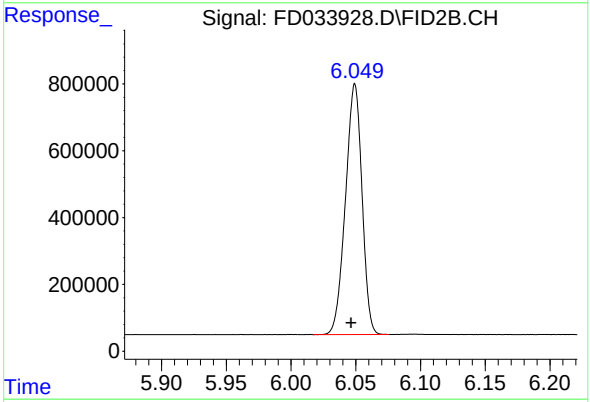




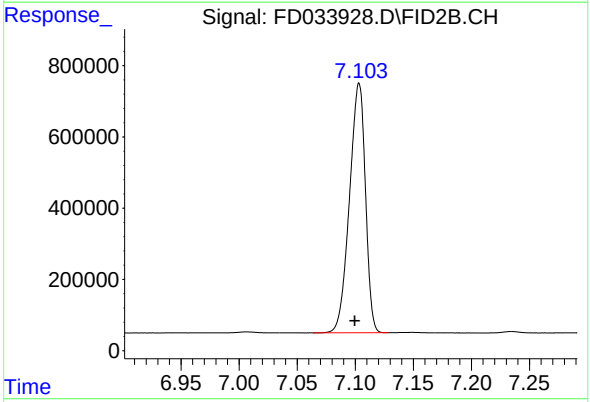
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.506 min
Delta R.T.: 0.003 min
Response: 6358512
Conc: 47.84 ug/ml



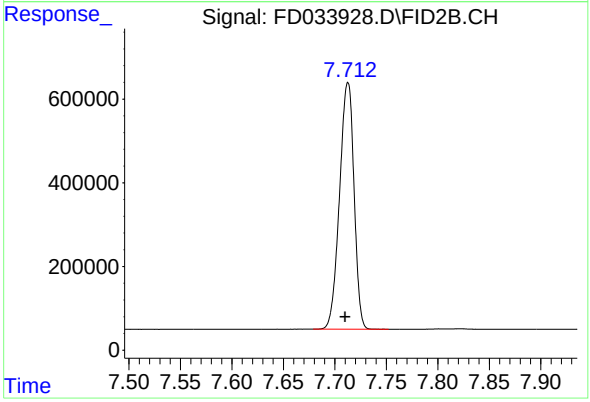
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: 0.003 min
Response: 6667572
Conc: 47.79 ug/ml



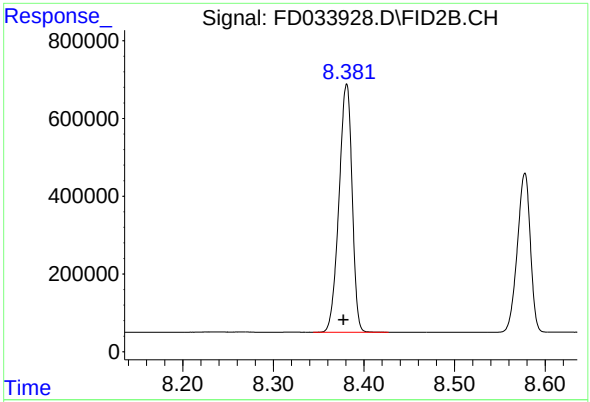
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.004 min
Response: 6699016
Conc: 47.71 ug/ml



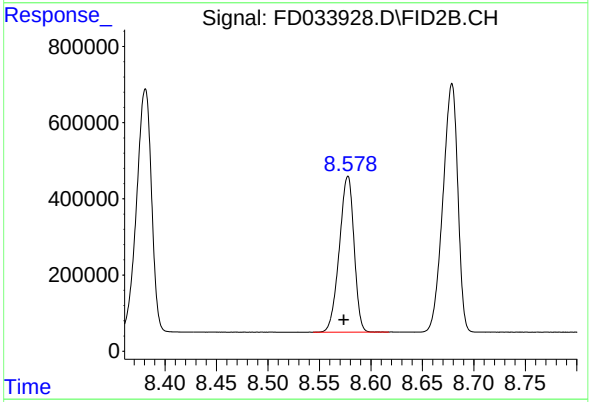
#4 2-Bromonaphthalene (SURR)

R.T.: 7.713 min
Delta R.T.: 0.003 min
Response: 5783659
Conc: 47.74 ug/ml



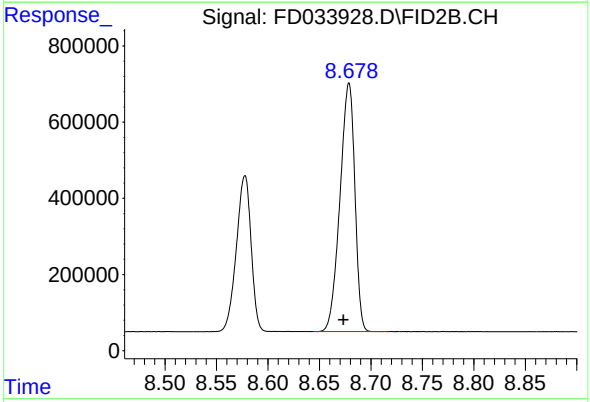
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.003 min
Response: 6426454
Conc: 47.53 ug/ml



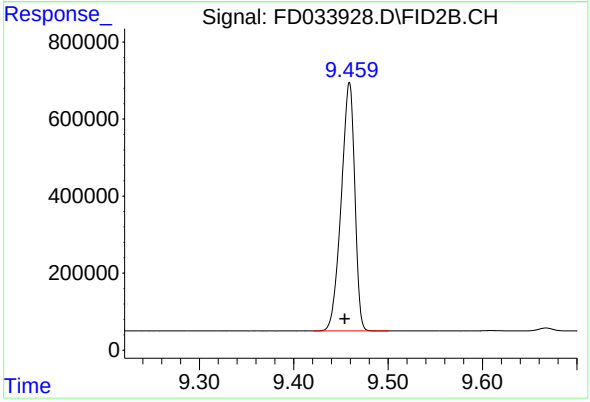
#6 2-Flurobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.004 min
Response: 4070802
Conc: 47.65 ug/ml



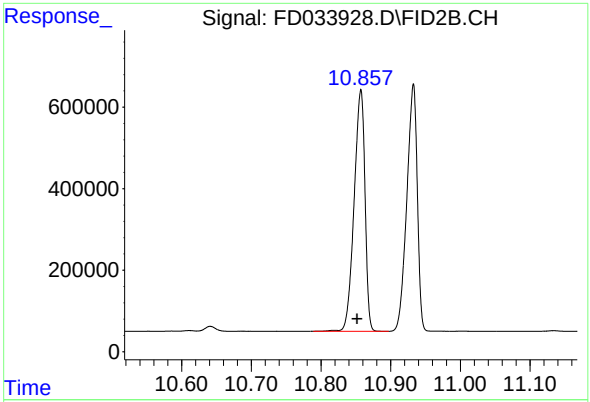
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: 0.005 min
Response: 6569354
Conc: 47.57 ug/ml



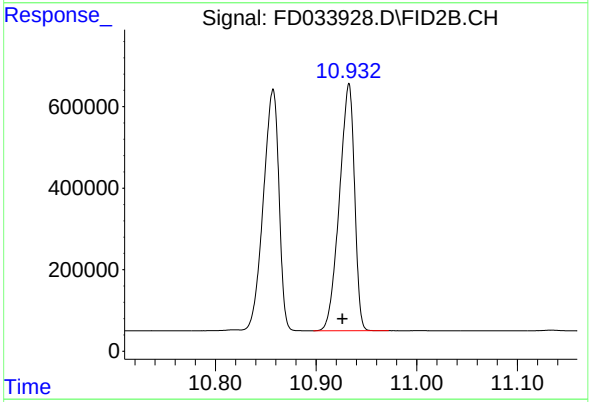
#8 Flouorene (C16.55)

R.T.: 9.459 min
Delta R.T.: 0.005 min
Response: 6444636
Conc: 47.52 ug/ml



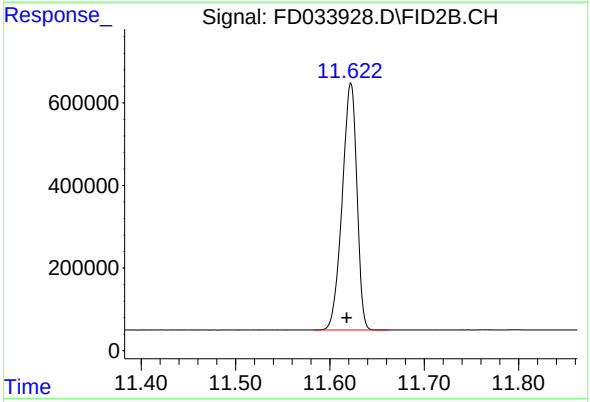
#9 Phenanthrene (C19.36)

R.T.: 10.857 min
Delta R.T.: 0.006 min
Response: 6407741
Conc: 47.35 ug/ml



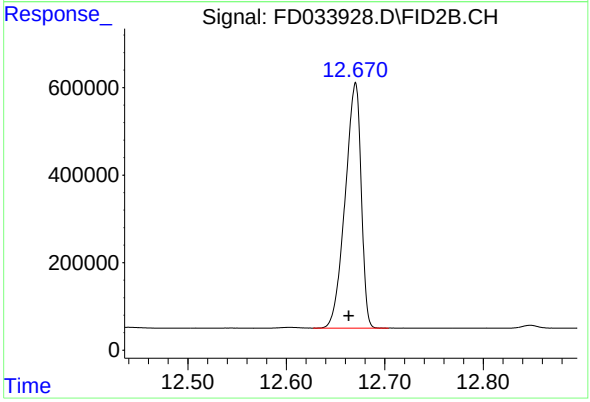
#10 Anthracene (C19.43)

R.T.: 10.933 min
Delta R.T.: 0.006 min
Response: 6336258
Conc: 47.38 ug/ml



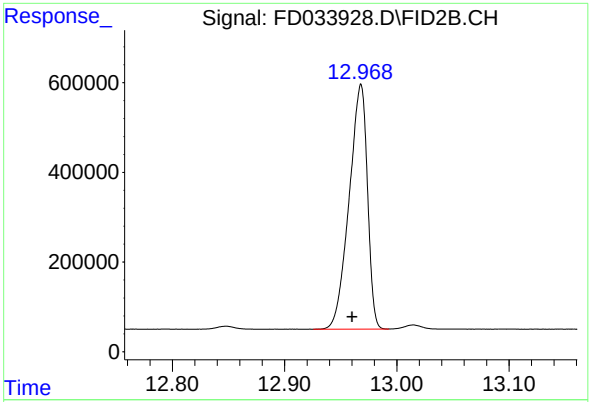
#11 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: 0.004 min
Response: 6468865
Conc: 47.32 ug/ml



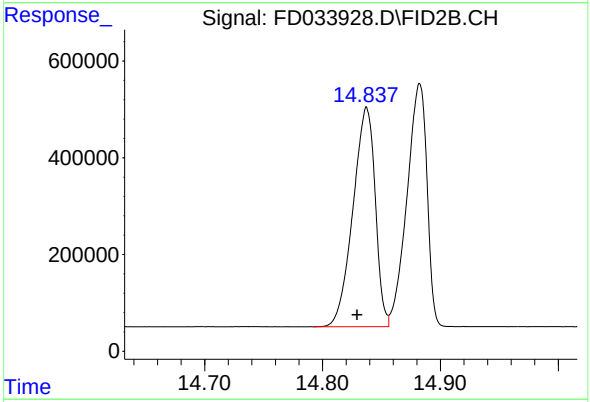
#12 Fluoranthene (C21.85)

R.T.: 12.670 min
Delta R.T.: 0.007 min
Response: 6334749
Conc: 47.26 ug/ml



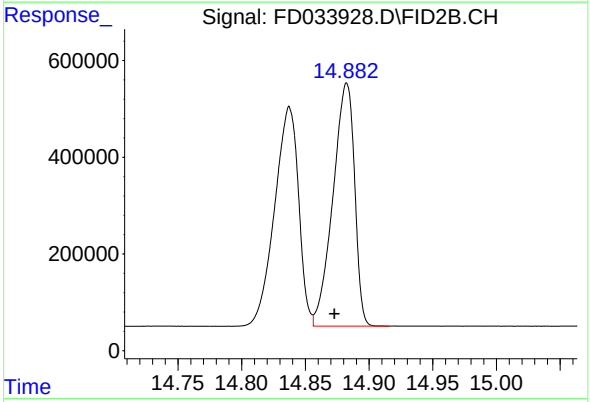
#13 Pyrene (C20.8)

R.T.: 12.968 min
Delta R.T.: 0.008 min
Response: 6178432
Conc: 47.26 ug/ml



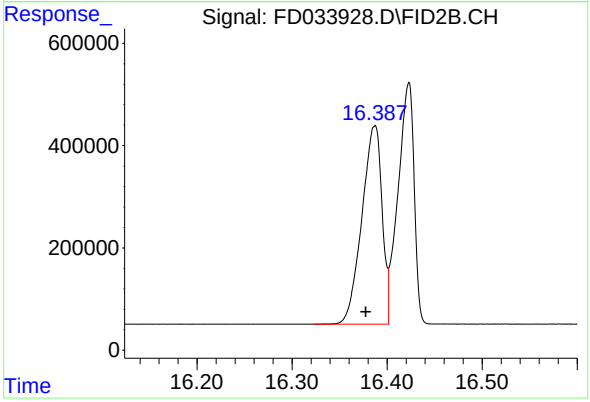
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.837 min
Delta R.T.: 0.008 min
Response: 5953591
Conc: 47.70 ug/ml



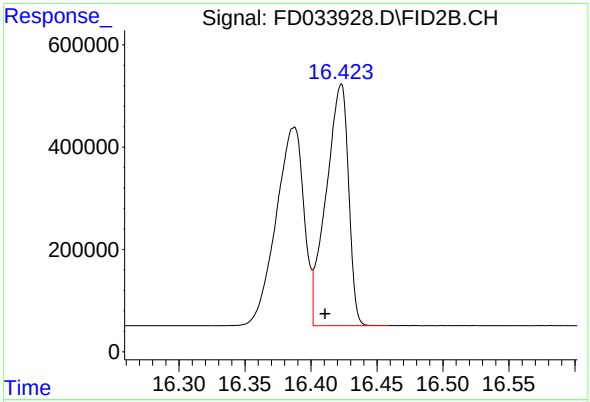
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.010 min
Response: 5935164
Conc: 47.63 ug/ml



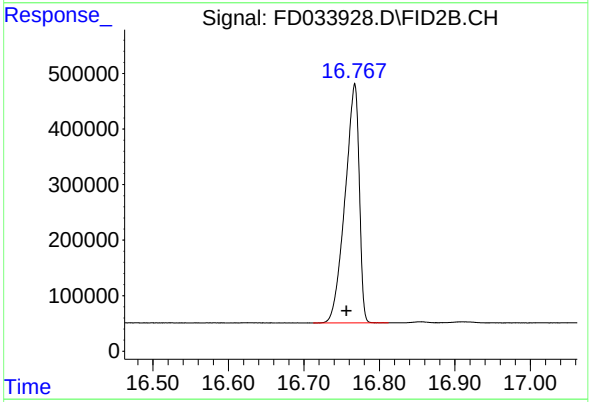
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.387 min
Delta R.T.: 0.009 min
Response: 5723087
Conc: 48.42 ug/ml



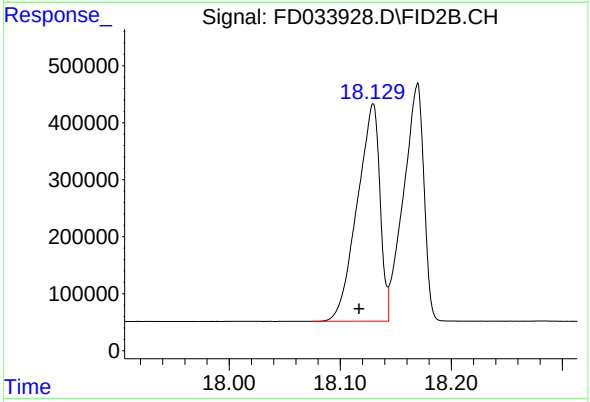
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.423 min
Delta R.T.: 0.012 min
Response: 5563702
Conc: 48.28 ug/ml



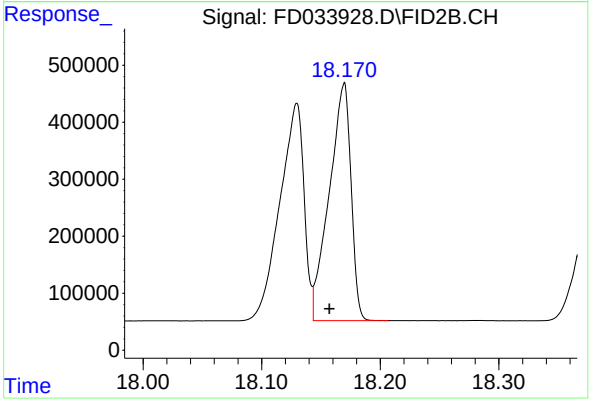
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.767 min
Delta R.T.: 0.011 min
Response: 5606323
Conc: 48.57 ug/ml



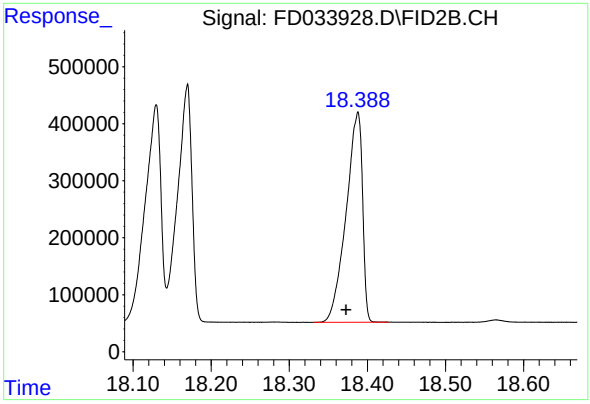
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.130 min
Delta R.T.: 0.013 min
Response: 5426075
Conc: 49.75 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.012 min
Response: 5312674
Conc: 48.70 ug/ml



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

R.T.:	18.388 min
Delta R.T.:	0.015 min
Response:	5369364
Conc:	49.32 ug/ml