Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092420AR\
Data File : FD034873.D
Signal(s) : FID2B.CH
Acq On : 24 Sep 2020 15:56
Operator : DD\AJ
Sample : PB131782BSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 03:19:52 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
Quant Title : GC Extractables
QLast Update : Tue Sep 01 02:30:57 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...	7.680	4198832	40.937 ug/ml
Spiked Amount	50.000		Recovery =	81.87%
6) S	2-Flurobiphenyl (SURR)	8.546	2648264	36.807 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	73.61%
11) S	ortho-Terphenyl (SURR)	11.587	5105692	42.618 ug/ml
Spiked Amount	50.000		Recovery =	85.24%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.475	3553586	31.388 ug/ml
2) T	Naphthalene (C11.7)	6.018	3970958	34.021 ug/ml
3) T	2-Methylnaphthalene (...	7.071	4154089	35.172 ug/ml
5) T	Acenaphthylene (C15.06)	8.349	4219529	36.104 ug/ml
7) T	Acenaphthene (C15.5)	8.645	4508763	37.896 ug/ml
8) T	Flouorene (C16.55)	9.425	4582059	39.741 ug/ml
9) T	Phenanthrene (C19.36)	10.824	4665824	40.016 ug/ml
10) T	Anthracene (C19.43)	10.899	4615126	40.512 ug/ml
12) T	Fluoranthene (C21.85)	12.638	4658265	39.947 ug/ml
13) T	Pyrene (C20.8)	12.936	4624348	40.748 ug/ml
14) T	Benzo[a]anthracene (C...	14.808	4438886	40.221 ug/ml
15) T	Chrysene (C27.41)	14.852	4458667	39.918 ug/ml
16) T	benzo[b]fluoranthene ...	16.394	4192404	39.141 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.394	4192404	39.538 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.740	3943259	37.445 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	18.144	4165319	41.117 ug/ml
20) T	Dibenz[a,h]anthracene...	18.144	4165319	40.996 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.363	4197626	41.572 ug/ml

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

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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
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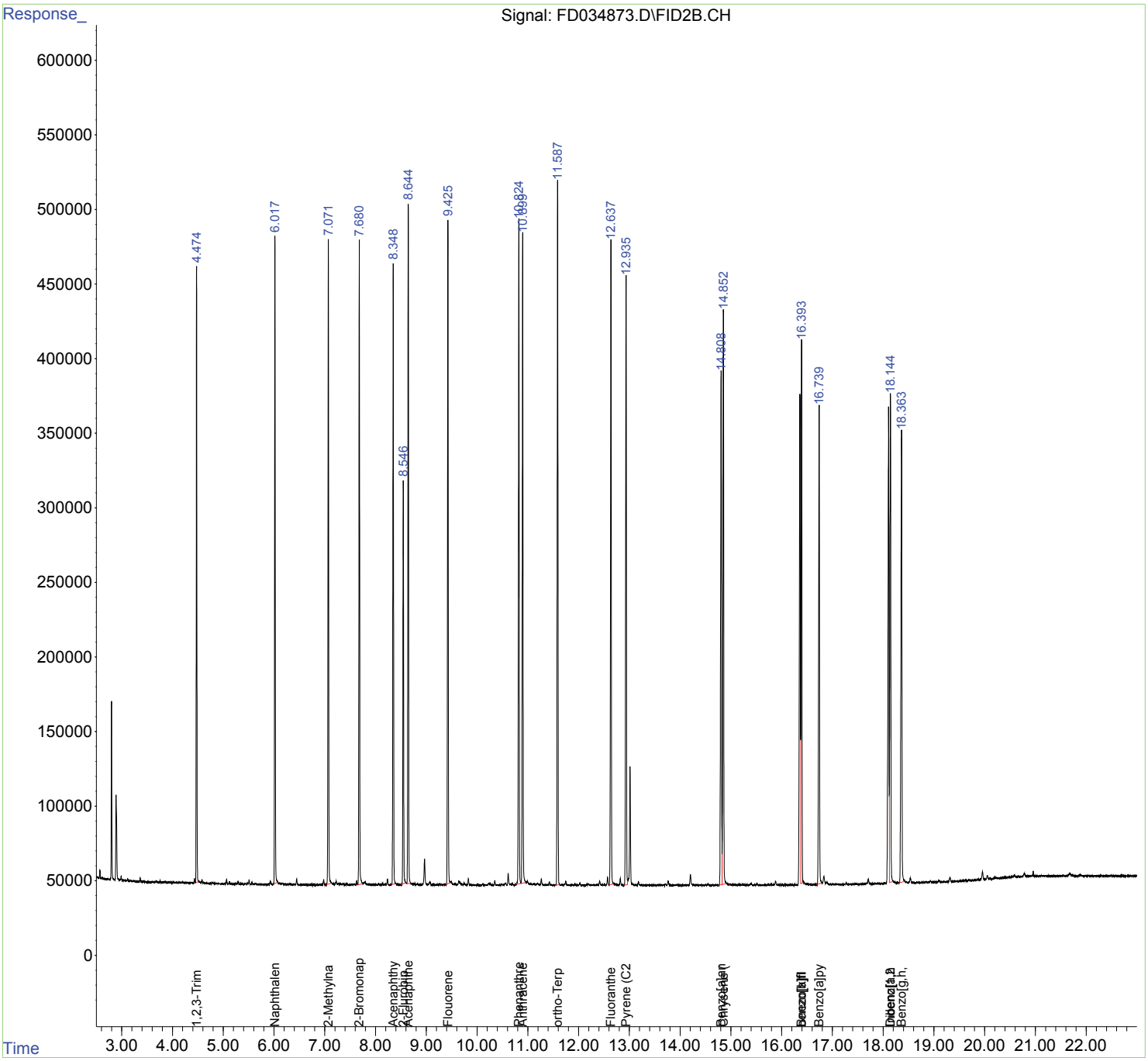
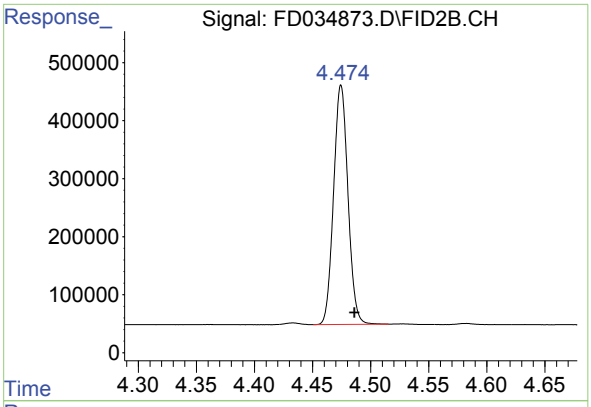
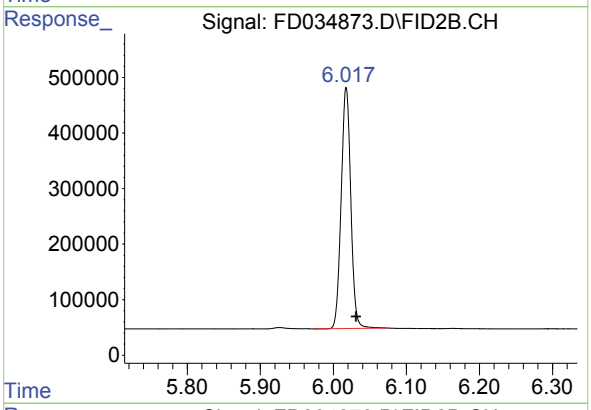




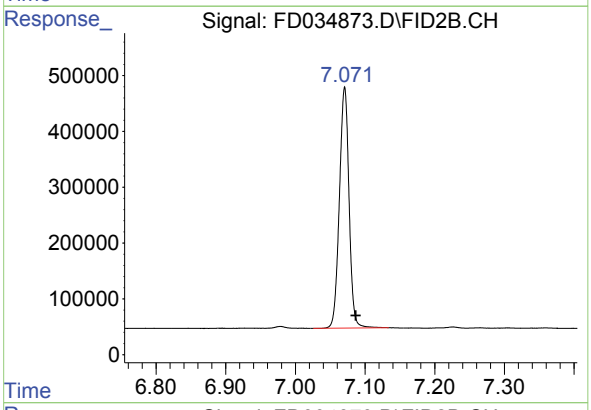
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.475 min
Delta R.T.: -0.011 min
Response: 3553586
Conc: 31.39 ug/ml



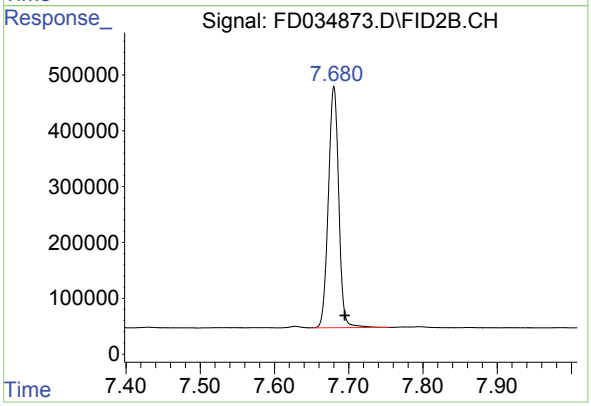
#2 Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: -0.014 min
Response: 3970958
Conc: 34.02 ug/ml



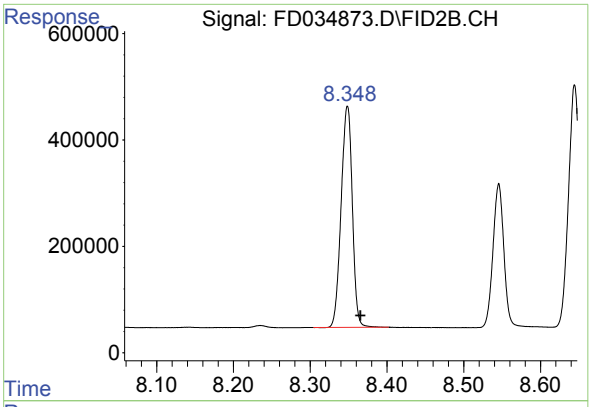
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.016 min
Response: 4154089
Conc: 35.17 ug/ml



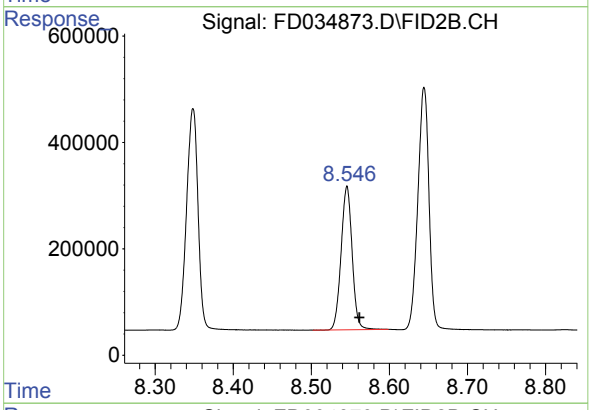
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.015 min
Response: 4198832
Conc: 40.94 ug/ml



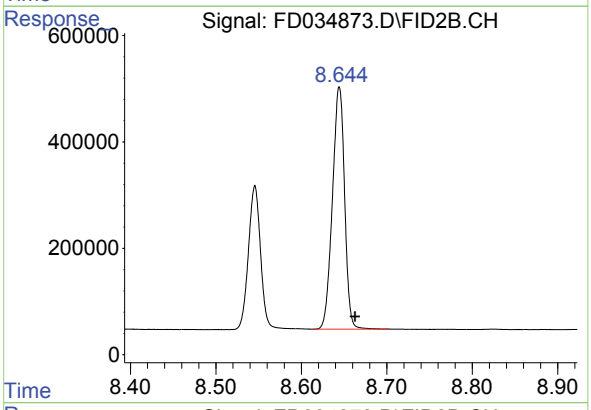
#5 Acenaphthylene (C15.06)

R.T.: 8.349 min
Delta R.T.: -0.017 min
Response: 4219529
Conc: 36.10 ug/ml



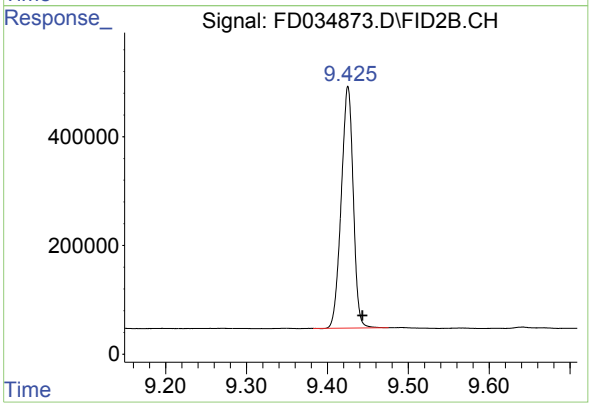
#6 2-Flurobiphenyl (SURR)

R.T.: 8.546 min
Delta R.T.: -0.016 min
Response: 2648264
Conc: 36.81 ug/ml



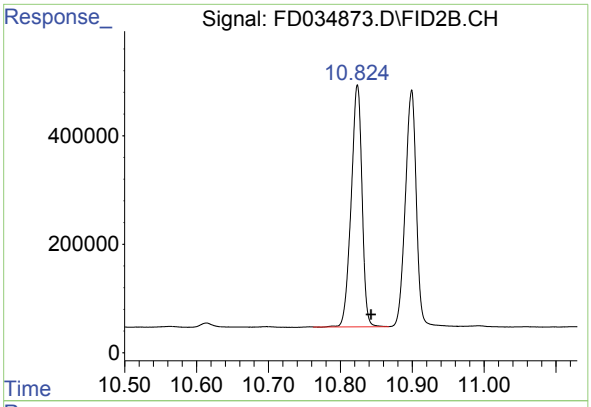
#7 Acenaphthene (C15.5)

R.T.: 8.645 min
Delta R.T.: -0.019 min
Response: 4508763
Conc: 37.90 ug/ml



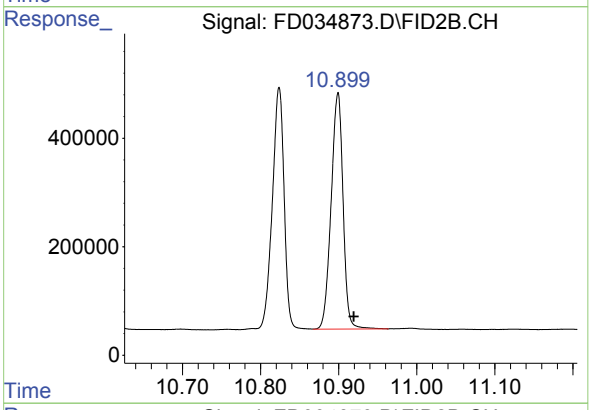
#8 Flouorene (C16.55)

R.T.: 9.425 min
Delta R.T.: -0.018 min
Response: 4582059
Conc: 39.74 ug/ml



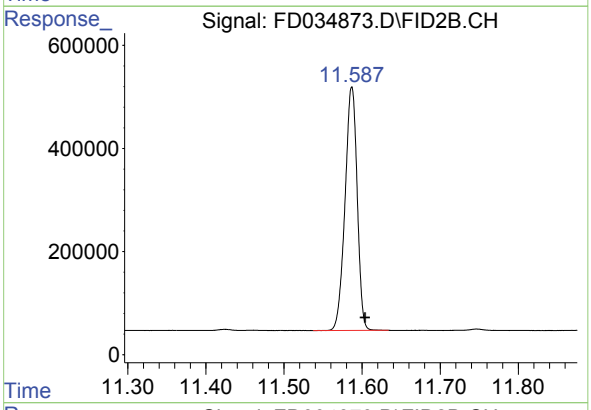
#9 Phenanthrene (C19.36)

R.T.: 10.824 min
Delta R.T.: -0.019 min
Response: 4665824
Conc: 40.02 ug/ml



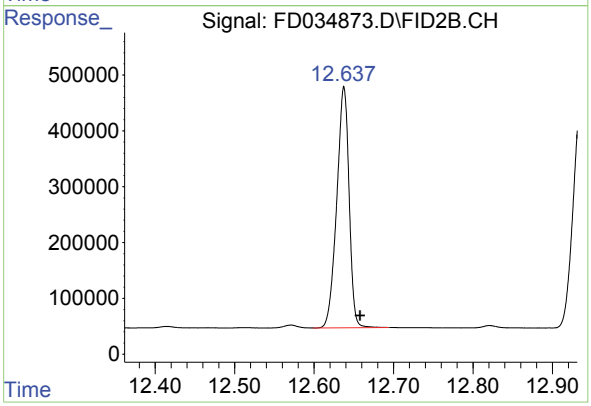
#10 Anthracene (C19.43)

R.T.: 10.899 min
Delta R.T.: -0.020 min
Response: 4615126
Conc: 40.51 ug/ml



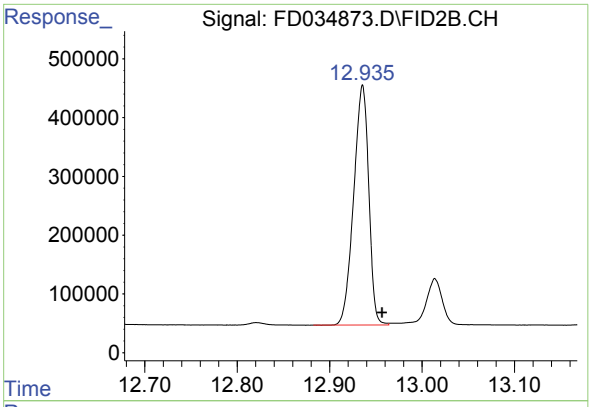
#11 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: -0.017 min
Response: 5105692
Conc: 42.62 ug/ml



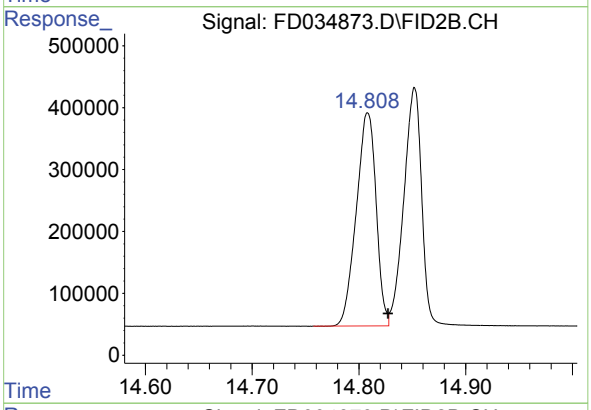
#12 Fluoranthene (C21.85)

R.T.: 12.638 min
Delta R.T.: -0.020 min
Response: 4658265
Conc: 39.95 ug/ml



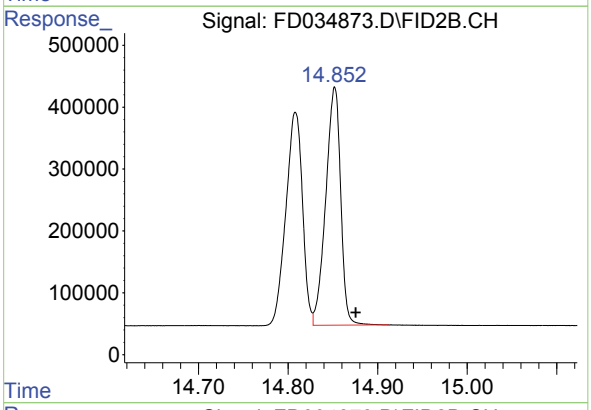
#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: -0.021 min
Response: 4624348
Conc: 40.75 ug/ml



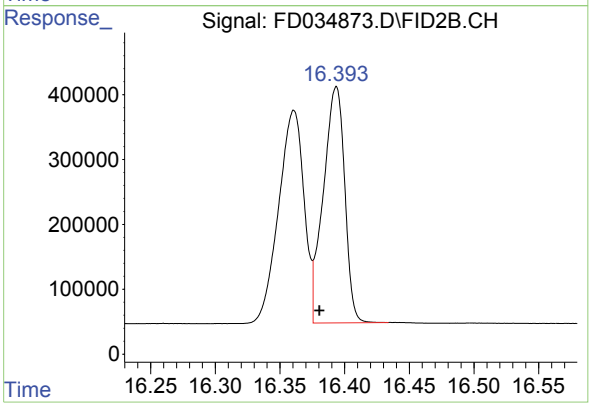
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: -0.019 min
Response: 4438886
Conc: 40.22 ug/ml



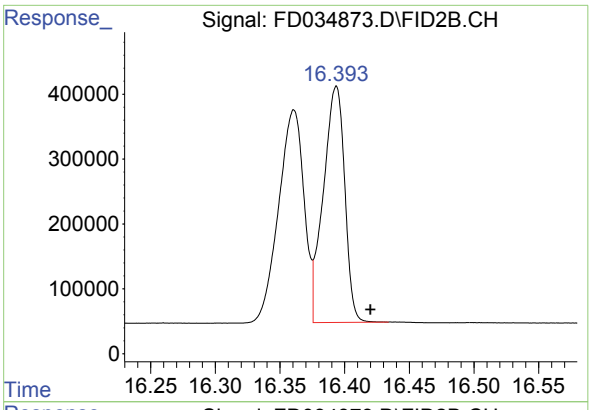
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: -0.023 min
Response: 4458667
Conc: 39.92 ug/ml



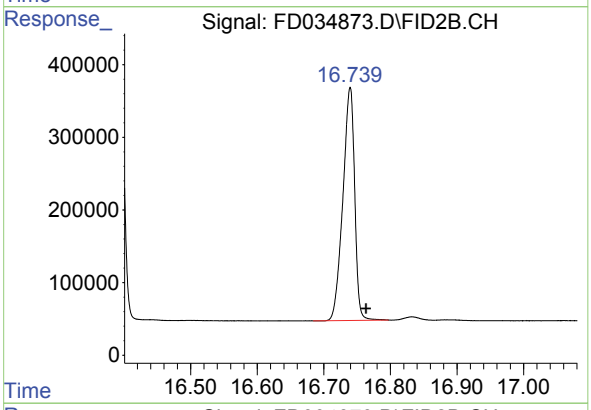
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.394 min
Delta R.T.: 0.013 min
Response: 4192404
Conc: 39.14 ug/ml



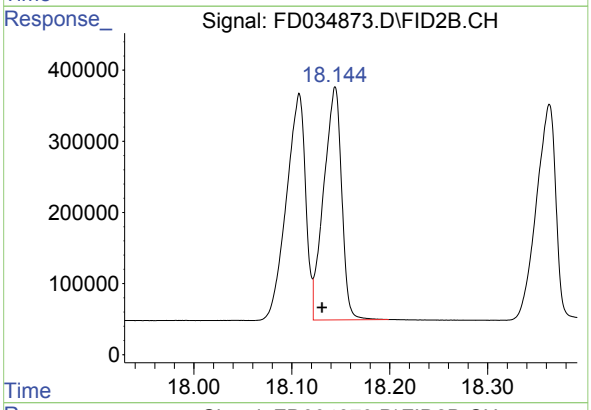
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.394 min
Delta R.T.: -0.026 min
Response: 4192404
Conc: 39.54 ug/ml



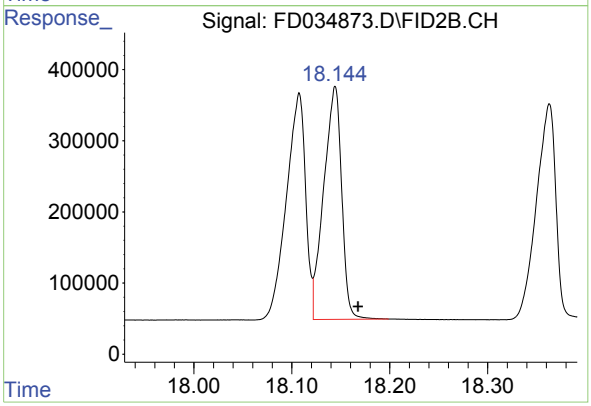
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.024 min
Response: 3943259
Conc: 37.45 ug/ml



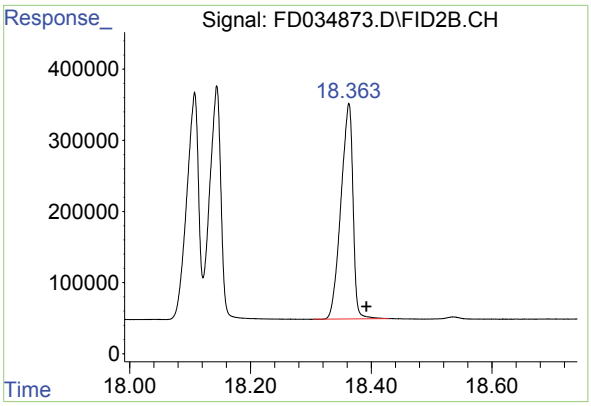
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.144 min
Delta R.T.: 0.013 min
Response: 4165319
Conc: 41.12 ug/ml



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

R.T.: 18.144 min
Delta R.T.: -0.023 min
Response: 4165319
Conc: 41.00 ug/ml



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

R.T.: 18.363 min
Delta R.T.: -0.029 min
Response: 4197626
Conc: 41.57 ug/ml