Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
Data File : FD043173.D
Signal(s) : FID2B.ch
Acq On : 06 Jul 2022 04:13
Operator : YP/AJ
Sample : N3564-29MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jul 06 05:30:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Sat Jun 25 04:47:50 2022
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...	7.635	7625224	49.383 ug/ml
Spiked Amount	50.000		Recovery =	98.77%
6) S	2-Flurobiphenyl (SURR)	8.502	4837316	45.862 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	91.72%
11) S	ortho-Terphenyl (SURR)	11.553	6218912	34.217 ug/ml
Spiked Amount	50.000		Recovery =	68.43%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.428	4568759	27.203 ug/ml
2) T	Naphthalene (C11.7)	5.969	5967620	34.087 ug/ml
3) T	2-Methylnaphthalene (...	7.024	6727928	41.829 ug/ml
5) T	Acenaphthylene (C15.06)	8.304	8472048	47.663 ug/ml
7) T	Acenaphthene (C15.5)	8.601	7026792	40.127 ug/ml
8) T	Flouorene (C16.55)	9.386	8239619	47.534 ug/ml
9) T	Phenanthrene (C19.36)	10.790	11443685	66.723 ug/ml
10) T	Anthracene (C19.43)	10.864	8032510	47.280 ug/ml
12) T	Fluoranthene (C21.85)	12.618	8659339	51.631 ug/ml
13) T	Pyrene (C20.8)	12.915	7121194	43.697 ug/ml
14) T	Benzo[a]anthracene (C...	14.798	16405979	105.641 ug/ml
15) T	Chrysene (C27.41)	14.798	16405979	103.947 ug/ml
16) T	benzo[b]fluoranthene ...	16.285	4458560	29.249 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.376	11042642	75.448 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.699	5521410	38.602 ug/ml

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

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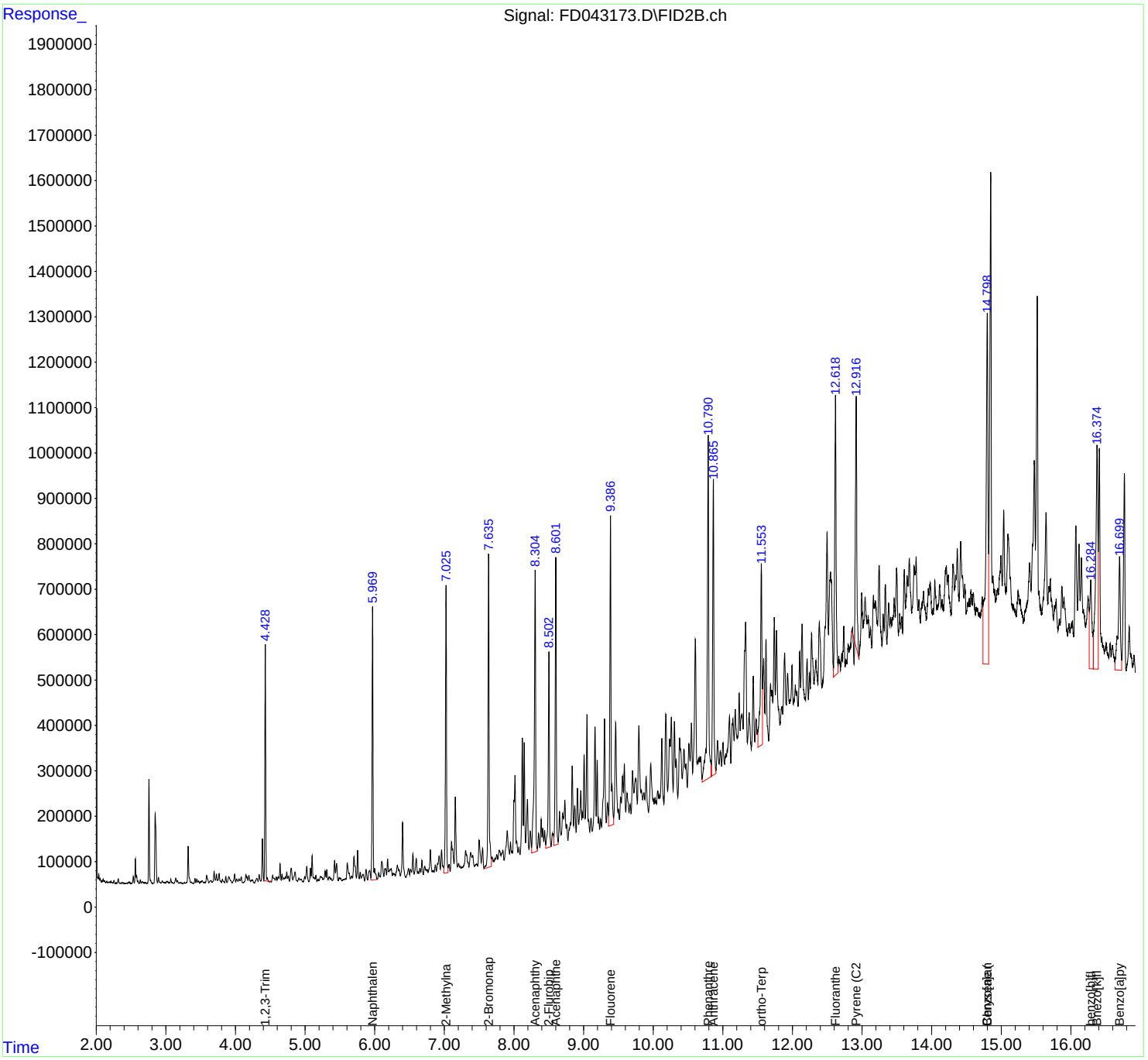
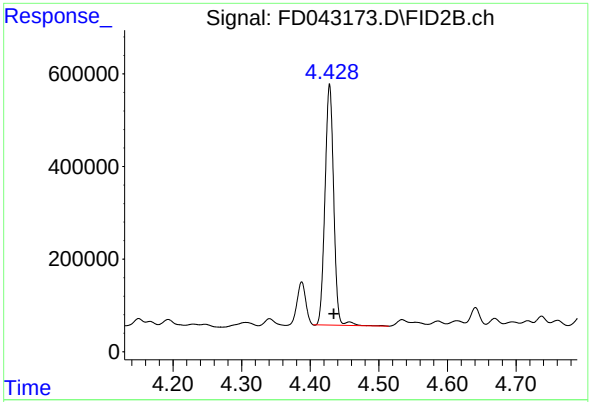
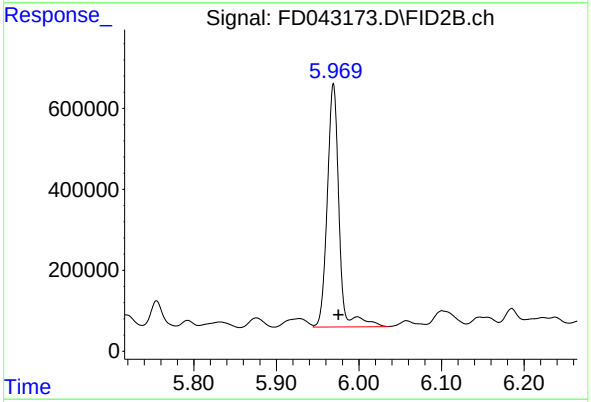




#1 1,2,3-Trimethylbenzene (C10.1)

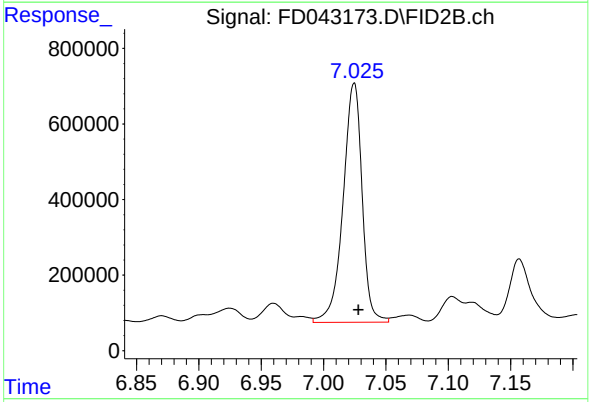
R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 4568759
Conc: 27.20 ug/ml

Instrument :
FID_D
ClientSampleId :



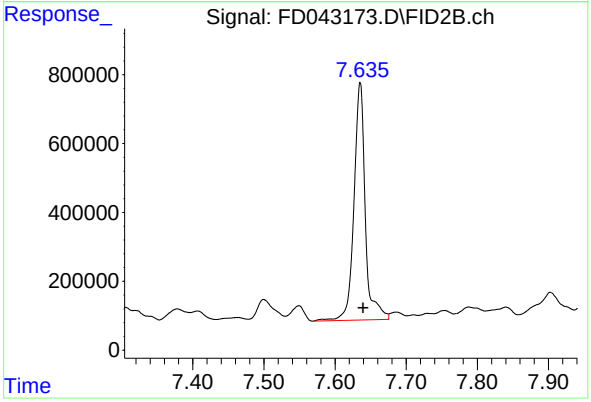
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 5967620
Conc: 34.09 ug/ml



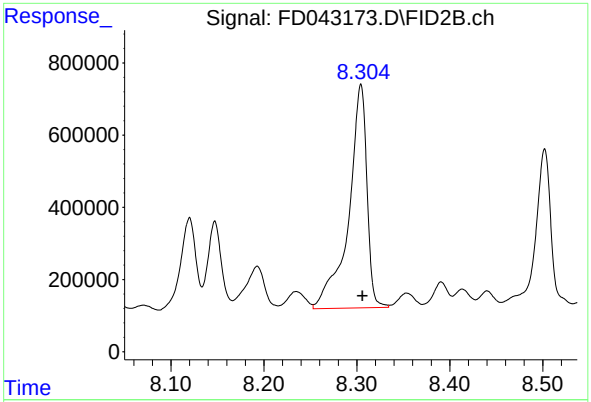
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 6727928
Conc: 41.83 ug/ml



#4 2-Bromonaphthalene (SURR)

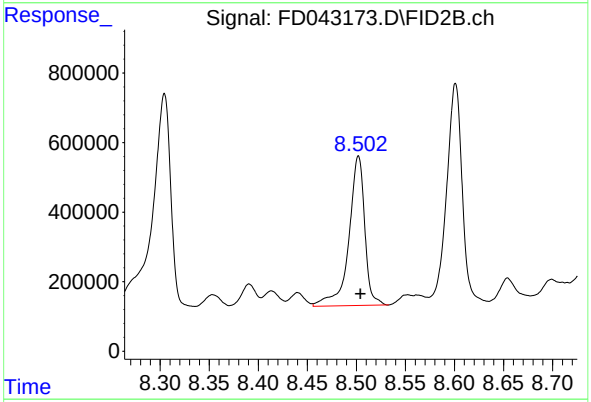
R.T.: 7.635 min
Delta R.T.: -0.004 min
Response: 7625224
Conc: 49.38 ug/ml



#5 Acenaphthylene (C15.06)

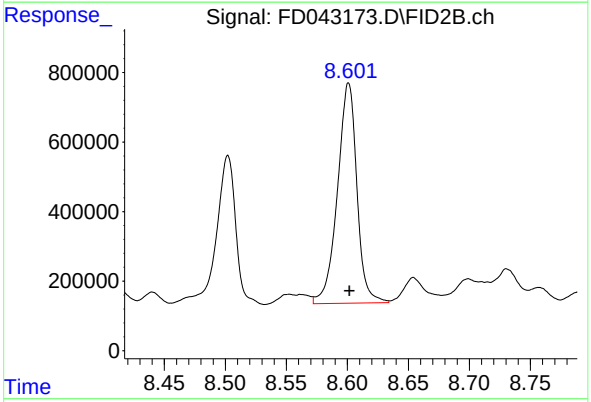
R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 8472048
Conc: 47.66 ug/ml

Instrument :
FID_D
ClientSampleId :



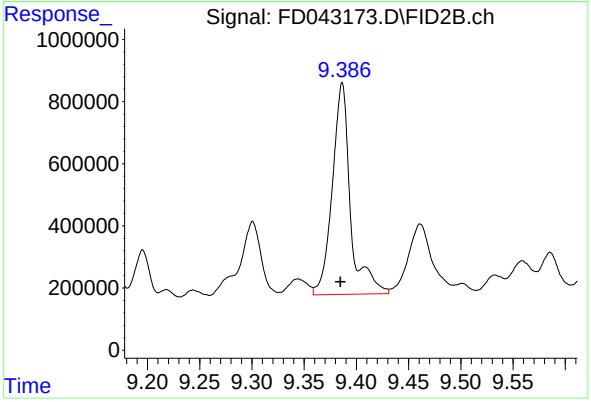
#6 2-Flurobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 4837316
Conc: 45.86 ug/ml



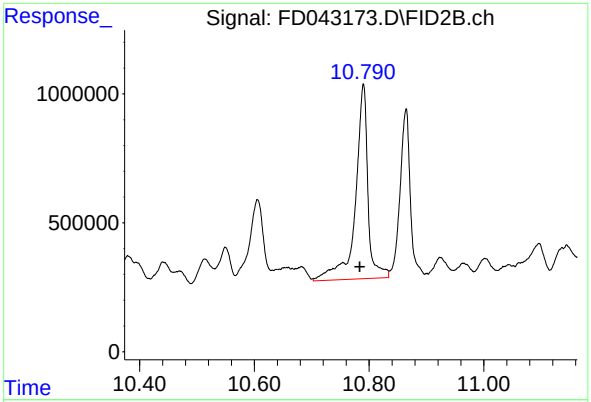
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 7026792
Conc: 40.13 ug/ml



#8 Flouorene (C16.55)

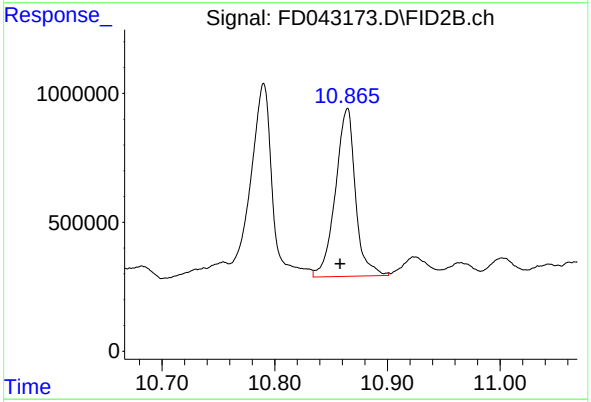
R.T.: 9.386 min
Delta R.T.: 0.001 min
Response: 8239619
Conc: 47.53 ug/ml



#9 Phenanthrene (C19.36)

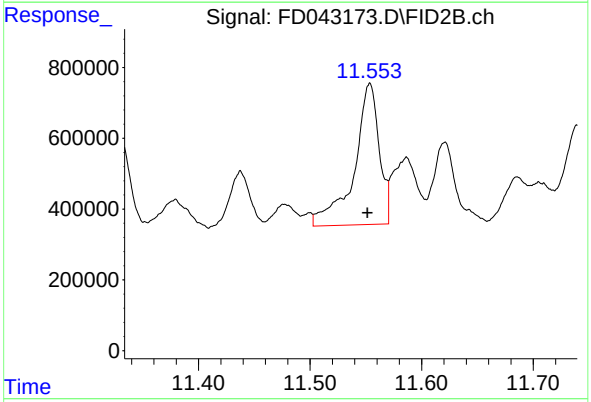
R.T.: 10.790 min
Delta R.T.: 0.006 min
Response: 11443685
Conc: 66.72 ug/ml

Instrument :
FID_D
ClientSampleId :



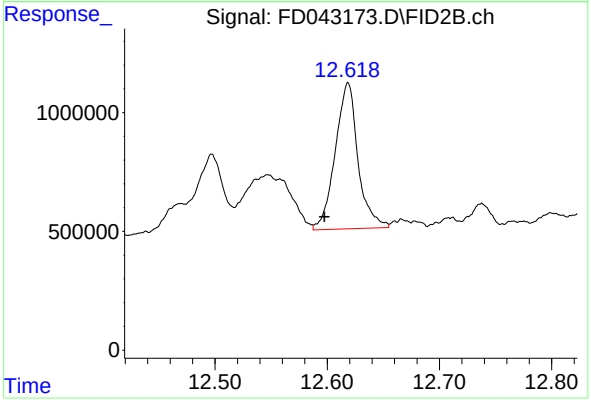
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: 0.006 min
Response: 8032510
Conc: 47.28 ug/ml



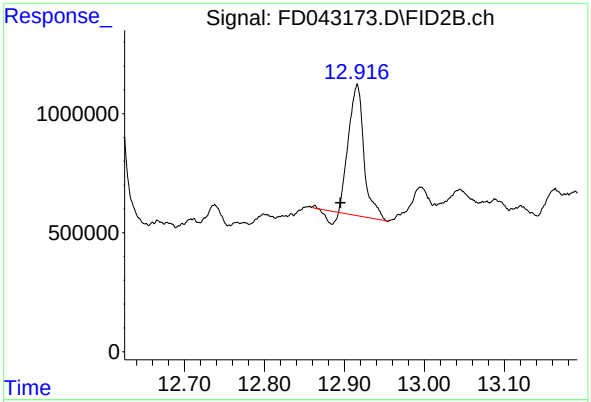
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: 0.002 min
Response: 6218912
Conc: 34.22 ug/ml



#12 Fluoranthene (C21.85)

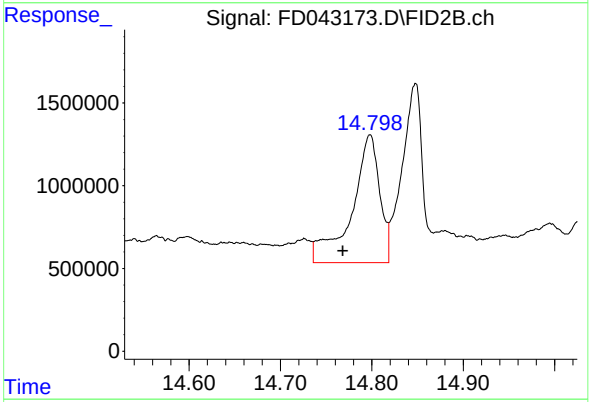
R.T.: 12.618 min
Delta R.T.: 0.021 min
Response: 8659339
Conc: 51.63 ug/ml



#13 Pyrene (C20.8)

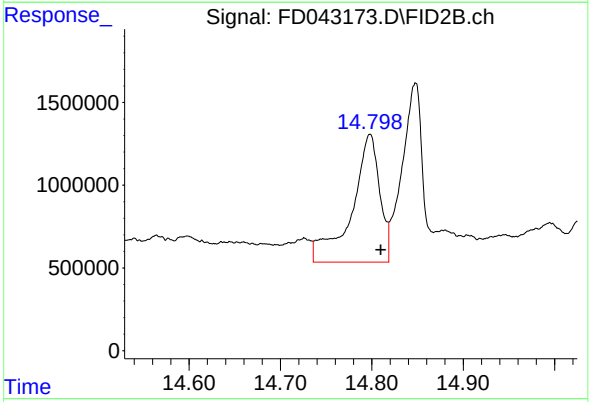
R.T.: 12.915 min
Delta R.T.: 0.021 min
Response: 7121194
Conc: 43.70 ug/ml

Instrument :
FID_D
ClientSampleId :



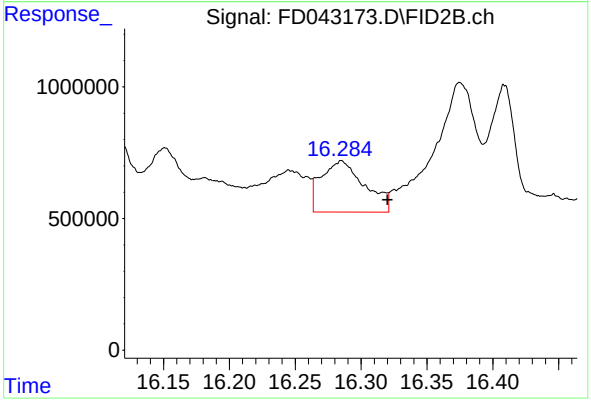
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: 0.029 min
Response: 16405979
Conc: 105.64 ug/ml



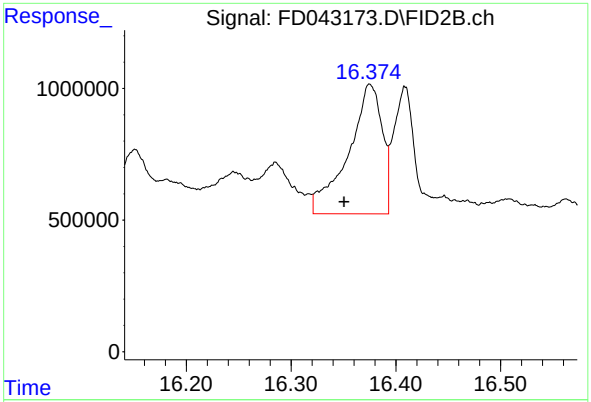
#15 Chrysene (C27.41)

R.T.: 14.798 min
Delta R.T.: -0.012 min
Response: 16405979
Conc: 103.95 ug/ml



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

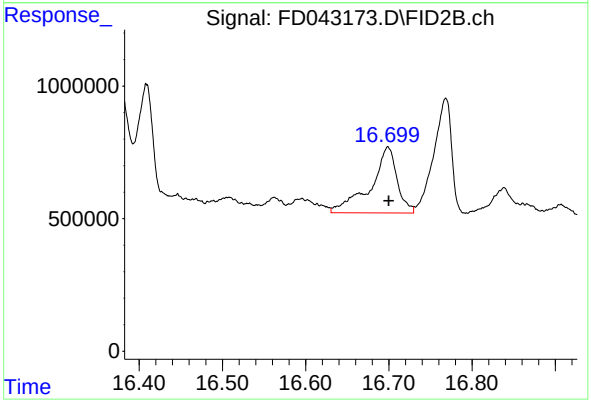
R.T.: 16.285 min
Delta R.T.: -0.035 min
Response: 4458560
Conc: 29.25 ug/ml



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

R.T.: 16.376 min
Delta R.T.: 0.025 min
Response: 11042642
Conc: 75.45 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.699 min
Delta R.T.: -0.001 min
Response: 5521410
Conc: 38.60 ug/ml